

GENERAL CATALOGUE  
OF THE  
HEMIPTERA

W. E. CHINA, *General Editor*  
H. M. PARSHLEY, *Managing Editor*

FASCICLE IV  
FULGOROIDEA

PART 3  
ARAEOPIDAE  
(DELPHACIDAE)

BY

Z. P. METCALF, D.Sc.

College of Agriculture and Engineering of the University of North Carolina

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FULGOROIDEA  
ARAEOPIDAE  
(DELPHACIDAE)

BY  
Z. P. METCALF



## INTRODUCTION

The present catalogue of the Family Araeopidae (formerly Delphacidae) forms Part 3 of Fascicle IV of the general Catalogue of the Hemiptera of the World, which is devoted to the Superfamily Fulgoroidea.

### CHARACTERS OF THE FAMILY

The Family Araeopidae is the largest family of the Fulgoroidea. The present catalogue contains 137 genera and 1,114 species. This family includes some of the smallest fulgoroids. Even the larger species seldom measure more than 8 or 9 mm. to the tips of the fore wings and the smaller species are frequently less than 2 mm. in length. The head is usually small and relatively simple, but in a few genera it is elaborately developed, being sometimes as long as the rest of the body. The antennae are usually simple, with a short basal segment and a short globular or somewhat elongate, terete second segment and with a terminal flagellum. The antennal segments together are usually not much longer than the short head and short thorax combined. Occasionally either the first or the second or both segments are greatly elongated. Such antennae may be considerably flattened or the basal segment may be prismatic in shape with the entire length exceeding the total length of the body.

The thorax is usually short with the pronotum and mesonotum conspicuous, generally provided with median and lateral carinae. The pronotum tends to be collar-like; the mesonotum triangular in outline. The fore wings or tegmina of the Araeopidae occur quite commonly in three forms: a very short fore wing with reduced venation, covering the basal segments of the abdomen only—brachypterous; or of moderate length covering most of the abdomen and with fairly well developed venation—koeliopterous; and lastly a fore wing usually longer than the abdomen, frequently much longer, with fully developed venation—macropterous. The venation of the macropterous fore wings is characteristic for the family as a whole. In the fore wing, subcosta is typically two-branched. Radius is coalesced with subcosta for about half of its length, when it diverges suddenly, then coalesces near the middle of its course with media one plus two. It then diverges toward the costal border of the wing. Media is typically three-branched, the branches represented being media one, media two and media three plus four or media one plus two, and media three and media four. Media three plus four frequently coalesces for a short distance with cubitus one. Sometimes these two veins are connected by a short cross vein. Cubitus is three-branched. Hind wings are usually present, sometimes much reduced in specimens with brachypterous or koeliopterous fore wings. In specimens with macropterous fore

wings the hind wings are well developed, with a fairly constant arrangement of the principal veins and cross veins. In the hind wing subcosta and radius are coalesced for more than half of their length and media is unbranched. Cubitus is typically three-branched, cubitus 1a coalescing for almost its entire length with media, being separated only at its tip. The vannal and jugal areas of the hind wing are considerably enlarged.

The prothoracic and mesothoracic legs are usually simple, of the typical homopterous pattern, with three-segmented tarsi. Infrequently the fore and middle femora and tibiae may be flattened and considerably enlarged. The hind legs have the femora and tibiae elongate, the latter usually with two conspicuous spines on the outer margin. The calcar or spur at the apex of the tibia is characteristic of this family. There are three distinct types of calcars which Muir uses as the basis for the separation of the subfamilies and tribes used in the present catalogue. The spine-like, subulate calcar is the most primitive. The next stage is the solid cultrate spur, which may have both surfaces convex or the inner surface concave. The most highly developed is the laminate or tectiform calcar, which is sometimes greatly enlarged.

The male genitalia are the court of last appeal in specific determinations in this family; and the known genera need revision, with the characters of the male genitalia used to determine their bounds and phylogenetic relationship.

#### CLASSIFICATION ADOPTED

The classification adopted in the present catalogue is a modification of the one proposed by Muir in 1915 and in 1930.

- Family **ARAEOPIDAE** Metcalf
- Subfamily **ASIRACINAE** Fieber
- Subfamily **ARAEOPINAE** Metcalf
- Tribe **ALOHINI** Muir
- Tribe **TROPIDOCEPHALINI** Muir
- Tribe **ARAEOPINI** Metcalf

#### HISTORICAL RÉSUMÉ

This family was not recognized by the earliest European systematic entomologists. But Fabricius recognized the group by describing the genus *Delphax* in 1798, although the group was not given family rank until 1815, when Leach so recognized it. The systematic entomologists of the first half of the nineteenth century described the more common forms. Notable contributions to the taxonomy of the family were made by Latreille, Burmeister, Boheman, Herrich-Schäffer, Germar, Say, Guérin-Méneville, Spinola, Amyot and Serville. Fieber was the first to recognize the importance of the male genitalia for specific determinations, and his



work gave real impetus to the studies of a group of entomologists who made their chief contributions during the last half of the nineteenth century and the first part of the twentieth century. In this group should be mentioned Stål, who worked on collections from various parts of the world. Other conspicuous European workers during this period were Kirschbaum and Melichar in Germany; Flor and Sahlberg in Scandinavia; Marshall, Scott, and Edwards in England; Walker and Distant, who worked over the rich collections in the British Museum; Van Duzee, Uhler, Ashmead, Osborn and Fitch in the United States; and Berg in Argentina. Since the turn of the century many notable contributions have been made by Muir and Kirkaldy, especially on the Pacific faunas; Crawford, Swezey, Ball, Dozier, Fowler and others on the fauna of the Americas; Matsumura, Esaki and Kato on the species from Japan; Oshanin and Kusnezov in Russia; Jacobi, Haupt and Jensen-Haarup in continental Europe; and China in England.

The author regrets the necessity of making a change in the well known family name DELPHACIDAE. The generic name *Delphax* Fabricius 1798 is preoccupied by *Delphax* Walbaum 1792 (Mammalia). The next available name for this genus is *Araeopus* Spinola 1839, which will replace *Delphax* Fabricius and the family name will be ARAEOPIDAE, following the principle advocated by our late general Editor, Dr. Géza Horváth, according to which we give priority to family names as we do to the names of genera and species. In this system we give to each family a type genus, and the family name follows that of the type genus through all its subsequent changes.

#### GEOGRAPHICAL DISTRIBUTION

The species of this family are widely distributed in all parts of the world save the extreme Arctic and Antarctic regions. The faunas of Europe, North America, Central America, Argentina, the Hawaiian Islands, Japan and India are fairly well known, but vast regions of the world have hardly been explored. The geographic distribution of each species is indicated by superior figures at the end of the lines which correspond to geographic regions designated by the same superior figure. In general we have indicated the distribution as given by the author of the reference, using the country as the smallest unit except in the larger countries, where states and provinces are used as the smallest units. In the larger island groups the individual islands are indicated wherever possible because of the interest in island endemism.

#### FORM OF THE PRESENT CATALOGUE

This catalogue follows the general form of the present series. The family is divided into subfamilies and tribes, and the genera are arranged under each category in as nearly a phylogenetic order as our present knowledge will permit. The species are arranged under the genera in alphabetic se-

quence. The abbreviations of journal references follow in general the scheme proposed in the *World List of Scientific Periodicals* with minor exceptions, the chief difference being that the names of countries, states, cities and other geographical units are not abbreviated. A few references are listed under their titles rather than under the abbreviations of the journals in which they were published, because in these cases the titles are usually better known than the journals, for example, Van Duzee 1917 Cat. Hemip. North America *not* Techn. Bull. California Agr. Exp. Sta. Ent. 2. If the journal has been published in series the abbreviation of the journal is followed by a series number or by such an abbreviation as n. s. (new series), o. s. (old series), n. f. (neue Folge), or the like. This is followed by a note indicating the nature of the reference.

The notes which follow the references are generally self explanatory, but three points may be mentioned here. Such notations as “[described],” “[notes],” “[key],” and the like are intended to be suggestive rather than precise or exclusive. The notation “[error]” means not accepted in this catalogue. Usually the latest published synonymy is accepted, but not always. The other notation “[comparative note]” is used to designate those references, often of the greatest taxonomic significance, in which two generic, specific or other groups are compared. All references have been checked against the original save those marked with an asterisk (\*), which have been accepted from reliable sources. Every effort has been made to have the references full and complete and to give an indication of the character of the data contained. Where the writer knows that reprints have been issued with different pagination, this is indicated in parenthesis following the page numbers of the original. In a few cases, where the matter has been reprinted under a different title with different pagination, separate references are given. Where authentic editions have been published these have been indicated by separate references. Genera established without included species have been dated from their original description, with their type fixation dated at the time of the first inclusion of species. Original spellings have been retained in all cases, except obvious typographical errors. The species have also been listed under every known combination so that it is possible to find any species without recourse to the index, which will be published at the completion of the Fascicle, together with the full bibliography.

A catalogue is not a revision of a group and the location of the genera and species in the present catalogue is merely an attempt to reflect what is believed to be the general consensus of the best authorities at the present time. Doubtful genera and species have been included to call them to the attention of subsequent revisers.

Under the family, subfamily and tribal categories we have attempted to include those references which we believe belong in the respective categories regardless of the designation given by the author. Thus, a reference to the

tribe *Delphacini* may be included in the family ARAEOPIDAE, in the subfamily ARAEOPINAE or in the tribe ARAEOPINI, depending on the implication of the author with reference to the classification adopted in the present catalogue. All categories of less than specific value are included under the designation variety. Varieties which have been given alphabetic designations are here given latinized names for convenience in determining their true status.

Z. P. METCALF

*Raleigh, North Carolina*  
*November, 1941*



Super-Family **FULGOROIDEA** Latreille

- Family **TETTIGOMETRIDAE** Germar
- Family **CIXIIDAE** Spinola
- Family **ARAEOPIDAE** Metcalf
- Family **DERBIDAE** Spinola
- Family **ACHILIXIIDAE** Muir
- Family **MEENOPLIDAE** Muir
- Family **KINNARIDAE** Muir
- Family **DICTYOPHARIDAE** Spinola
- Family **FULGORIDAE** Latreille
- Family **ACHILIDAE** Stål
- Family **TROPIDUCHIDAE** Stål
- Family **NOGODINIDAE** Muir
- Family **FLATIDAE** Spinola
- Family **ACANALONIIDAE** Amyot and Serville
- Family **ISSIDAE** Spinola
- Family **RICANIIDAE** Stål
- Family **LOPHOPIDAE** Stål
- Family **EURYBRACHIDAE** Stål

## Family ARAEOPIDAE Metcalf

- Delphacida* 1815 Leach, Edinburgh Encyclopedia 9: 125. *Family*. [Described.]
- Delphacida* 1816 Leach, Brewster's New Edinburgh Encycl. American Ed. 8: 714, *Family*. [Described.]
- Delphacoides* 1839 Spinola, Ann. Soc. Ent. France 8: 329. [Notes.]
- Delphasida* [sic] 1842 Agassiz, Erichson and Germar, Nom. zool. 1842: 7. [Listed.]
- Delphacides* 1843 Amyot et Serville, Hist. Nat. Ins. Hé mip. :510. *Group*. [Described.]
- Delphacites* 1845 Blanchard, Hist. Ins. 2: 423. *Group*. [Described.] :426. [Notes.]
- Delphacides* 1846 Agassiz, Erichson and Germar, Nom. zool. 1846: 4. [Listed.]
- Delphacides* 1846 Blanchard, d'Orbigny Dict. Univ. Hist. Nat. 4: 662. *Division*. [Listed.]
- Longinaures* 1847 Amyot, Ann. Soc. Ent. France (2) 5: 168; Figs. 67-68. *Quadivision*. [Described, illustrated.]
- Longinaures* 1848 Amyot, Méthode Mononymique 1848: 364; Figs. 67-68. *Quadivision*. [Described, illustrated.]
- Delphacida* 1848 Agassiz, Index Univ. :340. [Listed.]
- Delphacides* 1848 Agassiz, Index Univ. :340. [Listed.]
- Delphacidae* 1859 Dohrn, Cat. Hemip. :61. [List of genera and species from all parts of the world.]
- Delphacidae* 1860 Walker, List British Hemip. :17. [List of British genera and species.]
- Delphacidae* 1862 Costa, Ann. Mus. Zool. Napoli 1: 99. [Note.]
- Delphacidae* 1862 Fuss, Verh. Mitth. Siebenbürgischen Ver. Nat. 13: 17. *Family*. [Listed.]
- Asiracides* 1863 Motschulsky, Bull. Soc. Nat. Moscou 36: 108. [New species from Ceylon.]
- Delphacini* 1866 Fieber, Verh. Zool. Bot. Ges. Wien 16: 517. *Group*. [Key to genera.] :498. [Key.]
- Delphacida* 1866 Stål, Hemip. Africana 4: 131. *Subfamily*. [Key.] :175. *Subfamily*. [Key to genera.]
- Delphacida* 1867 Dallas, Zool. Rec. 3: 559. *Subfamily*. [Key.]
- Delphacini* 1867 Dallas, Zool. Rec. 3: 560. *Subfamily*. [Key to genera.]
- Delphacidae* 1868 Kirschbaum, Cicad. Wiesbaden :10. *Subfamily*. [Key to genera.]
- Delphacida* 1869 Stål, Hemip. Fabriciana 2: 95. *Subfamily*. [Listed.]
- Delphacina* 1870 Stål, Öfv. Svenska Vet. Akad. Förh. 27: 747. *Subfamily*. [Listed.]
- Delphacidae* 1870 Scott, Ent. Monthly Mag. 7: 23. *Family*. [Listed.]
- 1870 Walker, Zoologist (2) 5: 2403. [Listed.]
- Delphacides* 1871 Sahlberg, Not. Fenn. (n.s.) 9 (12): 74. *Tribe*. [Key to genera.] :397. *Tribe*. [Described.]
- Delphacini* 1872 Fieber, Kat. Europäischen Cicad. :5. *Tribe*. [Listed.]
- Delphacidae* 1872 Fieber, Kat. Europäischen Cicad. :5. *Family*. [Listed.]
- Delphacites* 1875 Blanchard, Hist. Nat. Ins. 2: 423, 426. *Group*. [Described.]
- Delphacini* 1875 Puton, Cat. Hé mip. d'Europe 2 Ed. :117. *Tribe*. [List of European genera and species.]
- Delphacini* 1875 Fieber, Cicad. d'Europe Pt. 1: 244 (57). [Key to genera.]
- Delphacidae* 1876 Douglas and Scott, Cat. British Hemip. :66. *Family*. [Catalogue of British genera and species.]
- Delphacina* 1876 Uhler, Bull. United States Geol. Geog. Surv. Terr. 1 (5): 351. *Subfamily*. [Listed.]
- Delphacini* 1878 White, Proc. Zool. Soc. London 1878: 462. *Subfamily*. [Listed.]
- Delphacidae* 1879 White, Ent. Monthly Mag. 15: 218. *Subfamily*. [Listed.]
- Delphacina* 1879 Berg, An. Soc. Cient. Argentina 8: 187. *Subfamily*. [Argentine species described.] Equals *Delphacida* Stål.
- Delphacina* 1879 Berg, Hemip. Argentina :222. *Subfamily*. [Argentine species described.]
- Delphacini* 1880 Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 54. *Tribe*. [List of species from Alsace and Lorraine.]



- Delphacidae* 1881 Scott, Ent. Monthly Mag. **18**: 155. *Family*. [Listed.]
- Delphacidae* 1882 Cooke, Yorkshire Nat. (n.s.) **8**: 71. [List of species from England.]
- Delphacida* 1882 Ferrari, Cicad. Agri Ligustici :87 (15). *Tribe*. [Key to European genera and list of Italian species.] :79 (7). [Key.]
- Delphacides* 1882 Scudder, Nomenclator Zoologicus. Univ. Index :93. [Listed.]
- Delphacidae* 1883 Bloomfield, Natural History of Hastings. First Suppl. **1883**: 33. [List of species from England.]
- Delphacina* 1883 Berg, An. Soc. Cient. Argentina **16**: 231. *Subfamily*. [Argentine genera and species described.]
- Delphacina* 1884 Berg, Add. Hemip. Argentina :137. *Subfamily*. [Argentine genera and species described.]
- Delphacida* 1884 Uhler, Standard Nat. Hist. **2**: 240. *Subfamily*. [Notes on common American forms.] :229. [Listed.]
- Delphacini* 1884 Lomnicki, Spraw. Kom. Fizyj. **18**: 232. [List of species from Galacia.]
- Delphacini* 1884 Mayr, Tabellen :16. *Subfamily* [Key.] :18. *Subfamily*. [Key to genera with list of Central European species.]
- Delphacidae* 1884 Edwards, Trans. Nat. Soc. Norwich **3**: 713. [List of species from Norfolk, England.]
- Delphacinae* 1885 Kirby, Elem. Text-book Ent. First Ed. :212. *Subfamily*. (Notes.)
- Delphacides* 1885 Girard, Traité élémentaire d'entomologie **3**: 864. *Family*. [Described.]
- Delphacidae* 1886 Edwards, Syn. British Homop.-Cicadina Pt. **1**: 55. *Family*. [Key to genera and descriptions of British genera and species.] :44. [Key.]
- Delphacina* 1886 Atkinson, Jour. Asiatic Soc. Bengal **55**: 35. *Subfamily*. [Indian genera and species described.] Equals *Delphacida*.
- Delphacini* 1886 Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :72. *Tribe*. [List of palearctic genera and species.]
- Delphacini* 1888 Dubois, Mém. Soc. Linn. Nord France **7**: 154 (58). *Subfamily*. [List of species from France.]
- Delphacidae* 1889 Van Duzee, Canadian Ent. **21**: 7. *Subfamily*. [Listed.]
- Delphacinae* 1889 Ashmead, Ent. Amer. **5**: 2. *Subfamily*. [Key.] :25. *Subfamily*. [Key to genera.]
- Delphacini* 1887 Ragusa, Nat. Siciliano **6**: 185. *Tribe*. [Listed.]
- Delphacidae* 1889 Buckton, Entomologist **22**: 270. *Subtribe*. [Listed.]
- Delphacides* 1890 Buckton, Mon. British Cicadae **3**: xxxiv. *Subfamily*. [Listed.] :xl. [Described.]
- Delphacidae* 1890 Buckton, Mon. British Cicadae **4**: liii. [Morphology of genitalia.]
- Delphacinae* 1890 Hansen, Ent. Tidskr. **11**: 71. [Morphology.]
- Delphacidae* 1890 Saunders and Edwards, Cat. British Hemiptera **1890**: 11. *Family*. [List of British genera and species.]
- Delphacidae* 1890 Buckton, Mon. British Cicadae **1**: 25. *Family*. [Described, key to British genera and descriptions of British genera and species.]
- Delphacinae* 1890 Smith, Cat. Ins. New Jersey **1890**: 440. *Subfamily*. [List of New Jersey genera and species.]
- Delphacidae* 1891 Kirby, Jour. Linn. Soc. Zool. **24**: 140. [List of species from Ceylon.]
- Delphacini* 1891 Fokker, Cat. Nederland Hemip. :365. *Tribe*. [List of species from the Netherlands.]
- Delphacina* 1891 Oshanin, Mém. Sect. caucasienne Soc. russe Geogr. **23** (1): 48. *Subfamily*. [Listed.]
- Delphacida* 1892 Ferrari, Ann. Mus. Genova (2) **12**: 569 (21). *Family*. [List of Italian species.]
- Delphacini* 1892 Duda, Cat. Ins. Faunae Bohemicae :28. *Tribe*. [List of Bohemian genera and species.]
- Delphacinae* 1892 Kirby, Elem. Text-book Ent. Second Ed. :212. *Subfamily*. [Notes.]
- Delphacini* 1893 Bezzi, Bull. Soc. Ent. Italiana **25**: 108 (28). [List of species from Italy.]
- Delphacida* 1894 Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 190. *Subfamily*. [List of species from Buffalo, New York.]

## Araeopidae

- Delphacidae* 1894 Edwards, Hemip.-Homop. British Islands Pt. 1: 15. *Family*. [Key.] :28. [Described, key to British genera and descriptions of British genera species.]
- Delphacini* 1896 Melichar, Cicad. Mittel-Europa :49. *Subfamily*. [Key to Central European genera with descriptions of genera and species.] :18. [Key.] :xvi, xix. [Morphology.] :xxiii. [Ecology.]
- Delphacidae* 1897 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 225. [Key to North American genera with descriptions of North American species.]
- Delphacinae* 1897 Kirby, Concise Knowledge Library :600. [Notes.]
- Delphacidae* 1898 Bloomfield, Natural History of Hastings. Third Suppl. 1898: 20. [Listed.]
- Delphacidae* 1899 Edwards, Trans. Nat. Soc. Norwich 6: 529. [Listed.]
- Delphacides* 1899 Sharp, Cambridge Nat. Hist. 6: 576. [Notes.]
- Delphacidae* 1899 Haglund, Öfv. Svenska Vet. Akad. Förh. 56: 62. *Subfamily*. [Listed.]
- Delphacini* 1899 Melichar, Wien. Ent. Zeit. 18: 180. [Listed.]
- Delphacini* 1899 Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :106. *Tribe*. [List of palaearctic genera and species.]
- Delphacines* 1900 Lameere, Man. Faune Belgique 2: 138. [Key.] :140. [Key to genera.]
- Delphacini* 1900 Melichar, Wien. Ent. Zeit. 19: 45. [Listed.]
- Delphacidae* 1900 Kirby, Mon. Christmas Island :130, 136. [Listed.]
- Delphacinae* 1900 Forbes and Hart, Bull. Illinois Agr. Exp. Sta. 60: 410. [Economics.]
- Delphacida* 1900 Matsumura, Ent. Nachr. 26: 257. *Subfamily*. [New genera and species from Japan.]
- Delphacinae* 1900 Smith, Ins. New Jersey 1900: 89. *Subfamily*. [List of New Jersey genera and species.]
- Delphacinae* 1901 Howard, Insect Book :235. [Listed.]
- Delphacini* 1901 Melichar, Jahrb. Naturw. Kl. Prossnitz 4: 6. [Described.]
- Delphacini* 1901 Lambertie, Act. Soc. Linn. Bordeaux 56: 216 (88). *Tribe*. [Listed.]
- Delphacini* 1901 Rubsaaenen, Schr. Nat. Ges. Danzig (n.f.) 10: 146. [Listed.]
- Asiracinae* 1902 Kirkaldy, Jour. Bombay Nat. Hist. Soc. 14: 52. *Subfamily*. Equals *Delphacida* Stal.
- Asiracinae* 1902 Kirkaldy, Fauna Hawaiiensis 3: 124. *Subfamily*. [Listed.]
- Delphacidae* 1902 Melichar, Ann. Mus. St. Petersburg 7: 89 (14). *Subfamily*. [List of species from West China and Persia.]
- Delphacini* 1902 Cobelli, Cicadine Trentino :9. *Subfamily*. [List of genera and species from Italy.]
- Delphacidae* 1903 Melichar, Homop.-Fauna Ceylon :92. *Subfamily*. [New genera and species from Ceylon.] : 11. *Subfamily*. [Key.] :225. [Listed.]
- Delphacini* 1903 Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 61 (21). *Subfamily*. [List of species from Italy.]
- Delphacinae* 1903 Hansen, Entomologist 36: 93. [Morphology.]
- Asiracinae* 1904 Kirkaldy, Entomologist 37: 175. *Subfamily*. [Listed.]
- Delphacinae* 1904 Wirtner, Ann. Carnegie Mus. 3: 215. *Subfamily*. [List of species from Pennsylvania.]
- Delphacidae* 1904 Ashmead, Homop. Alaska :130. *Family*. [Listed.]
- Delphacini* 1904 Hueber, Syst. Verz. deutschen Zikadinen :268. *Tribe*. [List of German species.]
- Delphacini* 1904 Cobelli, Verh. Zool. Bot. Ges. Wien. 54: 557. *Subfamily*. [Listed.]
- Delphacinae* 1904 Hutton, Index Faunae Novae Zealandiae :225. *Subfamily*. [Listed.]
- Delphacinae* 1904 Swezey, Prelim. Cat. Fulgoridae North America 1904: 31. *Subfamily*. [Catalogue of North American genera and species.]
- Delphacidae* 1905 Melichar, Wien. Ent. Zeit. 24: 285. *Subfamily*. [New species from East Africa.]
- Delphacidae* 1905 Fowler, Biologia Centrali-Americana 1: 130. *Family*. [Key to genera and descriptions and illustrations of species from Central America.]

- Asiracidae* 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 1 (9): 404. *Family*. [New genera and species from Australia.] :296. [Listed.] :277. [Metamorphosis.] :290. [Key.] *Family*. :296. Equals *Delphacida* Subfamily. [Listed.] :316. [Listed.]
- Delphacinae* 1906 Distant, Fauna British India 3: 178. *Subfamily*. [Key.] :465. [Keys to genera and descriptions of genera and species from India.] Equals *Delphacida* Stål. Equals *Delphacina* Stål. Equals *Delphacidae* Mel. Equals *Asiracinae* Kirk.
- Delphacinae* 1906 Matsumura, Schr. Nat. Ges. Danzig 11: 75. *Subfamily*. [List of genera and species from Western Prussia.]
- Delphacidae* 1907 Butler, Hemip. Hastings :49. *Family*. [Notes.] :56. [Listed.]
- Asiracidae* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 95. *Family*. [Described.] :10, 12. [Listed.] :126. [Key to Australo-Fijian genera.] :123. [Morphology.] :8. [Stridulation.]
- Asiracidae* 1907 Kirkaldy, Proc. Hawaiian Ent. Soc. 1: 161. *Family*. [Listed.]
- Asiracidae* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 4: 63. *Family*. [Listed.]
- Delphacidae* 1907 Kirkaldy, Entomologist 40: 227. [Morphology.]
- Delphacini* 1907 Melichar, Sitzber. Akad. Wiss. 116: 1039 (15). *Tribe*. [List of species from Spain and Morocco.]
- Delphacina* 1907 Oshanin, Verz. Palaeark. Hemip. 2 (2) :297. *Subfamily*. [Catalogue of Palearctic genera and species.]
- Delphacinae* 1907 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 8: 32. *Subfamily*. [List of species from Jamaica.]
- Delphacida* 1908 Van Duzee, Proc. Acad. Nat. Sci. Philadelphia 1907: 467. *Subfamily*. [Key.]
- Delphacinae* 1908 Bierman, Notes Leyden Mus. 29: 161. [Listed.]
- Asiracidae* 1908 Kirkaldy, Proc. Hawaiian Ent. Soc. 1: 201. *Family*. [Key to Hawaiian genera and species.]
- Delphacina* 1908 Saunders and Edwards, Cat. British Hemiptera 1908: 14. [Listed.]
- Asiracidae* 1909 Kirkaldy, Trans. New Zealand Inst. 41: 29. *Family*. Equals *Delphacinae* Hutton.
- Delphacinae* 1909 Lefroy and Howlett, Indian Insect Life 1909: 726. [Notes.]
- Asiracidae* 1909 Pierce, Bull. United States Nat. Mus. 66: 178. *Family*. [Listed.]
- Delphacinae* 1909 Distant, Trans. Linn. Soc. London Zool. (2) 13: 44. *Subfamily*. [Listed.]
- Delphacina* 1909 Edwards, Trans. Nat. Soc. Norwich 8: 843. [Listed.]
- Asiracidae* 1909 Kirkaldy, Trans. New Zealand Inst. 41: 29. [Listed.]
- Delphacinae* 1909 Lefroy, Indian Insect Life :717. [Key.] :728. [Notes.]
- Delphacinae* 1909 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 9: 196. *Subfamily*. [List of species from Florida.]
- Delphacidae* 1910 Bierman, Notes Leyden Mus. 33: 40. *Family*. [Listed.]
- Asiracidae* 1910 Kershaw and Kirkaldy, Zool. Jahrb. Syst. 29: 107. [Oviposition.] :112. [Stridulation.]
- Asiracidae* 1910 Kirkaldy, Fauna Hawaiiensis Suppl. :576. *Family*. [Notes, key to Hawaiian genera.]
- Asiracidae* 1910 Kirkaldy, Canadian Ent. 42: 65. *Family*. [Listed.]
- Criomorhini* 1910 Kirkaldy, Suppl. Fauna Hawaiiensis. 1910: 577. [Key.]
- Proterodynini* 1910 Kirkaldy, Suppl. Fauna Hawaiiensis. 1910: 577. [Key.]
- Delphacinae* 1910 Jacobi, Zool. Exp. Kilimandjaro :112. *Subfamily*. [Listed.]
- Delphacinae* 1910 Distant, Rec. Indian Mus. 5: 337. *Subfamily*. [Listed.]
- Delphacini* 1910 Lambertie, Misc. Ent. 18: 91. *Tribe*. [List of genera and species from Southeastern France.]
- Delphacinae* 1910 Matsumura, Jour. Coll. Sci. Tokyo 27: 29. *Subfamily*. [New species from Europe.]
- Delphacinae* 1910 Smith, Rept. Ins. New Jersey 1910: 97. *Subfamily*. [List of New Jersey genera and species.]
- Delphacinae* 1910 Shiraki, [Injurious Insects of Formosa] 1: 65. [Listed.]



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- Delphacidae* 1911 Horváth, Ann. Mus. Nat. Hungarici 9: 30. *Family*. [Nomenclature.]  
 Equals *Asiracidae*. Equals *Fulgoridae* subfam. *Delphacidae*. Equals  
*Fulgoridae* subfam. *Asiracinae*. Equals *Fulgorinae* subfam. *Delphacidae*.  
 Equals *Fulgoridae* subfam. *Delphacinae*. Equals *Fulgorides* trib. *Delphaci-*  
*cini*. Equals *Fulgorida*: *Delphacidae*. Equals *Fulgorina* trib. *Delphacides*.  
 Equals *Fulgorina* subfam. *Delphacina*. Equals *Fulgorina* subfam. *Del-*  
*phacidae*. Equals *Fulgorida* subfam. *Delphacida*. Equals *Fulgoridae*:  
*Delphacini*. Equals *Cicadides* II. *Delphacida*.
- Delphacini* 1911 Licent, Bull. Soc. Ent. France 1911: 48. [Morphology of Malpighian  
 tubules.]
- Delphacini* 1912 Licent, Rech. d'anat. Homop. 1912: 110, 116, 119, 125, 127. [Morphology  
 of the digestive system.]
- Delphacinae* 1912 Melichar, Deutschen Zentral-Afrika-Exp. 1: 132. *Subfamily*. [New genera  
 and species from Central Africa.]
- Delphacinae* 1912 Osborn, Bull. United States Dept. Agr. Bur. Ent. (n.s.) 108: 50. *Division*. [Economics.]
- Delphacinae* 1912 Distant, Ann. Mag. Nat. Hist. (8) 9: 190. *Subfamily*. [New genera and  
 species from the Oriental region.]
- Delphacidae* 1912 Oshanin, Kat. Paläark. Hemip. :117. *Family*. [List of Palearctic genera  
 and species.]
- Asiracidae* 1912 Swezey, Proc. Hawaiian Ent. Soc. 2: 159. [Listed.]
- Delphacinae* 1912 Schmidt, Stett. Ent. Zeit. 73: 148. *Subfamily*. [List of genera and species  
 from Pommerns.]
- Delphacidae* 1913 Kershaw, Psyche 20: 175. [Morphology of alimentary canal.]
- Delphacini* 1913 Melichar, Faune Walouyki Russie 7: 5. *Tribe*. [List of species from  
 Walouyki, Russia.]
- Delphacida* 1913 Metcalf, Ann. Ent. Soc. America 6: 350. *Subfamily*. [Morphology,  
 tracheation and venation.]
- Delphacidae* 1913 Muir, Proc. Hawaiian Ent. Soc. 2: 238. [New genera and species.]
- Delphacinae* 1914 Melichar, Notes Leyden Mus. 36: 109. *Subfamily*. [List of species from  
 Java.]
- Delphacinae* 1914 Van Duzee, Psyche 21: 163. *Subfamily*. [Notes on genera.]
- Delphacinae* 1914 Melichar, Philippine Jour. Sci. 9: 273. [New species from Philippine  
 Islands.]
- Delphacinae* 1914 Distant, Bull. Ent. Res. 5: 242. *Subfamily*. [Listed.]
- Delphacidae* 1914 Melichar, Mitt. Kaukasischen Mus. 8: 133 (7). *Family*. [Listed.]
- Delphacidae* 1914 Crawford, Mon. Delphacidae :561. *Family*. [Described, key to American  
 genera.]
- Delphacina* 1914 Edwards, Trans. Nat. Soc. Norwich 9: 813, 814. [Listed.]
- Delphacidae* 1915 Brues and Melander, Key Families North American Ins. :74 [Key.]
- Delphacinae* 1915 Jensen-Haarup, Flora and Fauna 1915: 84. *Subfamily*. [Key.] :97.  
 [Described, key to genera.]
- Delphacini* 1915 Jacobsen, Ent. Medd. 10: 318. *Subfamily*. [List of Danish species.]
- Delphacinae* 1915 Matsumura, Trans. Sapporo Nat. Hist. Soc. 5: 158, 184. [Listed.]
- Delphacinae* 1915 Metcalf, Jour. Elisha Mitchell Soc. 31: 44 (12). *Subfamily*. [List of species  
 from North Carolina.]
- Delphacidae* 1915 Muir, Canadian Ent. 47: 208. [Morphology.] :261. [List of genera.] :268,  
 296. *Family*. [Key to subfamilies and genera.]
- Delphacinae* 1915 Schumacher, Suppl. Ent. 4: 140. *Subfamily*. [New genera and species  
 from Formosa.]
- Delphacinae* 1915 Schumacher, Mitt. Zool. Mus. Berlin 8: 132. *Subfamily*. [List of genera  
 and species from Formosa.]
- Delphacidae* 1916 Bergevin, Bull. Soc. Hist. Nat. Afrique du Nord 7: 315. *Family*. [Listed.]
- Delphacinae* 1916 Horváth, Ann. Mus. Nat. Hungarici 14: 15. *Family*. [List of species from  
 Albania.]
- Delphacinae* 1916 Distant, Fauna British India 6: 134. *Subfamily*. [New genera and spe-  
 cies from India.]

- Delphacinae* 1916 Van Duzee, Check List Hemip. America 1916: 83. *Subfamily*. [List of North American genera and species.]
- Delphacinae* 1917 Jacobi, Reise in Ostafrika 3: 530. *Subfamily*. [Listed.]
- Delphacinae* 1916 Muir, Philippine Jour. Sci. 11: 372. [New genera and species from the Philippines.]
- Delphacidae* 1916 Osborn, Agricultural Entomology 1916: 103. [Economics.]
- Delphacidae* 1916 Oshanin, Horae Soc. Ent. Rossicae 42: 87. *Family*. [Bibliography.]
- Delphacidae* 1916 Muir, Proc. Hawaiian Ent. Soc. 3: 202. *Family*. [Note.]
- Delphacinae* 1917 Distant, Trans. Linn. Soc. London Zool. 17: 300. *Subfamily*. [New genera and species from the Seychelles Islands.]
- Delphacidae* 1917 Haupt, Wien. Ent. Zeit. 36: 260. *Family*. [Listed.]
- Delphacinae* 1917 Heidemann and Osborn, Ann. Carnegie Mus. 11: 348. *Subfamily*. [Listed.]
- Delphacidae* 1917 Muir, Proc. Hawaiian Ent. Soc. 3: 317. [New species from Malay and Oriental regions.]
- Delphacinae* 1917 Van Duzee, Cat. Hemip. America :761. *Subfamily*. [Catalogue of North American genera and species.]
- Delphacidae* 1918 Horváth, Ann. Mus. Nat. Hungarici 16: 331. [List of species from Montenegro.]
- Delphacinae* 1918 Fenton, Ohio Jour. Sci. 18: 189. *Subfamily*. [List of species with parasites.]
- Delphacidae* 1918 Johnson and Ledig, Pomona Jour. Ent. 10: 8. [Listed.]
- Delphacidae* 1918 Muir, Proc. Hawaiian Ent. Soc. 3: 425. [New genera and species from West Indies.]
- Delphacidae* 1918 Muir, Ent. Monthly Mag. 54: 137. [Parasites.]
- Asiracidae* 1918 Pierce, Proc. United States Nat. Mus. 54: 487. *Family*. [Listed.]
- Delphacinae* 1919 Dammerman, Landbouwdierkunde van Oost-Indië 1919: 169. *Subfamily*. [Listed.]
- Delphacidae* 1919 Deletang, An. Soc. Cient. Argentina 88: 60. [Key.] *Family*.
- Delphacinae* 1920 Distant, Ann. Mag. Nat. Hist. (9) 6: 468. *Subfamily*. [Two new species from New Caledonia.]
- Delphacinae* 1920 Jensen-Haarup, Danmarks Fauna :29. *Subfamily*. [Described, key to genera.] :17. [Key.]
- Delphacidae* 1920 Tullgren and Wahlgren, Svenska Insekter 1920: 150. [Notes.] :151. [Key to genera.] :140. [Key.]
- Delphacidae* 1921 Giffard, Ann. Ent. Soc. America 14: 135. [Male genitalia.]
- Delphacidae* 1921 Muir, Proc. Hawaiian Ent. Soc. 4: 572. [New species from Samoa.]
- Delphacidae* 1921 Wolcott, Jour. Dept. Agr. Porto Rico 5: 14. *Family*. [Economics of Portican species.]
- Delphacidae* 1922 Giffard, Proc. Hawaiian Ent. Soc. 5: 103. [Distribution of Hawaiian species.]
- Delphacidae* 1922 Muir, Rec. Indian Mus. 24: 350. *Family*. [New species from India.]
- Delphacidae* 1922 Kershaw and Muir, Ann. Ent. Soc. America 15: 209. [Morphology.]
- Delphacidae* 1922 Stichel, Int. Ent. Zeits. 16: 133. [Listed.]
- Delphacidae* 1923 Delétang, An. Mus. Buenos Aires 31: 580. *Family*. [Described.] :576. [Key.]
- Delphacinae* 1923 Metcalf, Jour. Elisha Mitchell Soc. 38: 150. *Subfamily*. [Key.] :166. [Key to North American genera and species.] :141, 143, 144, 145, 146. [Morphology.]
- Delphacidae* 1923 Muir, Philippine Jour. Sci. 22: 172. *Family*. [New species from Sumatra.]
- Delphacidae* 1923 Muir, Proc. Hawaiian Ent. Soc. 5: 219. *Family*. [Key.] :244. [Phylogeny.] :224. [Morphology, key to tribes and subfamilies.] :213, 215. [Morphology.]
- Delphacinae* 1923 Van Duzee, Fulgoridae Hemip. Connecticut :44. *Subfamily*. [Described, key to genera.] :26. [Key.]
- Delphacidae* 1924 Buchner, Verh. Deutsch. Zool. Ges. 29: 52. *Family*. [Notes.]

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- Delphacidae* 1924 Lindberg, Acta Soc. Fauna Flora Fennica 56: 39, 45. *Family*. [List of species from Finland.]
- Delphacidae* 1924 Muir, Proc. Hawaiian Ent. Soc. 5: 480. *Family*. [Morphology.]
- Delphacidae* 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 4. [Key to American genera.]
- Delphacidae* 1925 China, Ann. Mag. Nat. Hist. (9) 16: 479. *Family*. [Listed.]
- Delphacidae* 1925 Della Beffa, Boll. Soc. Ent. Italiana 57: 147. *Family*. [List of species from Italy.]
- Delphacinae* 1925 Handlirsch, Schröder's Handb. Ent. 3 (9): 1112. *Subfamily*. [Described.] :1106. [Key.]
- Delphacinae* 1925 Hesse, Ann. South African Mus. 23: 169. *Subfamily*. [South African species.]
- Delphacidae* 1925 Imms, Textbook Entomology :358. *Family*. [Described.]
- Delphacidae* 1925 Kupka, Mitt. Münchner Ent. Ges. 15: 111. *Family*. [List of German species.]
- Delphacidae* 1925 Lallemand, Ark. Zool. 18: 5. *Family*. [Listed.]
- Delphacidae* 1925 Lindberg, Ark. Zool. 17: 8. [Listed.]
- Delphacidae* 1925 Muir, Trans. Ent. Soc. London 1924: 466. *Family*. [Listed.]
- Delphacidae* 1925 Haupt, Mitt. Münchner Ent. Ges. 15: 18. *Family*. [List of species from Germany.]
- Delphacidae* 1925 Singh-Pruthi, Trans. Ent. Soc. London 1925: 228. *Family*. [Morphology of male genitalia.]
- Delphacinae* 1926 Gowdey, Bull. Dept. Agr. Jamaica Ent. 4: 40. *Subfamily*. [List of species from Jamaica.]
- Delphacidae* 1926 Gater, Bull. Dept. Agr. Federated Malay States and Straits Settlements 38: 5. [Listed.]
- Delphacinae* 1926 Kuwayama, Bull. Hokkaido Agr. Exp. Sta. 42: 20. [Listed.]
- Delphacidae* 1926 Muir, Proc. Hawaiian Ent. Soc. 6: 323. [Morphology of the male genitalia.]
- Delphacidae* 1926 Muir, Trans. Ent. Soc. London 1926: 377. [Morphology of the aedeagus.]
- Delphacidae* 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 3. [New genera and species from South America.]
- Delphacidae* 1926 Muir, Jour. Malayan Branch Roy. Asiatic Soc. 4: 397. *Family*. [Species from Mentawai Islands.]
- Delphacines* 1926 Rémy-Perrier, Homop. Faune France 4: 89. *Tribe*. [Key.] :90. [Key to genera.]
- Delphacinae* 1926 Schmidt, Treubia 7: 250. *Subfamily*. [New genera and species from Buru.]
- Delphacidae* 1926 Tillyard, Ins. Australia and New Zealand 1926: 165. *Family*. [Key.] :166. [Notes.]
- Delphacinae* 1927 Downes, Proc. Ent. Soc. British Columbia 23: 21. *Subfamily*. [List of species from British Columbia.]
- Delphacidae* 1927 Haupt, Homop. Palestine 1: 9. *Family*. [Species from Palestine.]
- Delphacinen* 1927 Holdhaus, Schröder's Handbuch der Entomologie 2 (7): 844. [Geographical distribution.]
- Delphacidae* 1927 Hopkins, Bull. Ent. Res. 18: 24. [Listed.]
- Delphacidae* 1927 Muir, Fulgoroidea of Samoa :7. [List of species from Samoa.]
- Delphacidae* 1927 Muir, Ann. Mag. Nat. Hist. (9) 20: 87. [New species from South Pacific Islands.]
- Delphacinae* 1928 Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 20. *Subfamily*. [Key.]
- Delphacidae* 1928 Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 9. *Family*. [Listed.]
- Delfacidae* [sic] 1928 Ivanov, Trav. Mus. Zool. 1928: 501. *Family*. [List of species from Russia.]
- Delfacidae* [sic] 1928 Ivanov, Mem. Acad. Sci. Ukraine 6: 197. *Family*. [List of species from Russia.]
- Delphacidae* 1928 Ivanov, Rev. Russe d'Ent. 22: 53, 54, 57, 58, 59, 63, 66. [Morphology of reproductive system.]

- Delphacinae* 1928 Jacobi, Mjöberg's Exp. Australia :42. *Subfamily*. [Species from Australia.]
- Delphacidae* 1928 Lallemand, Mem. Est. Mus. Zool. Univ. Coimbra 1928: 8. *Family*. [Listed.]
- Delphacinae* 1928 Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 180. *Subfamily*. [List of species from New York State.]
- Delphacidae* 1928 Myers, Studies on Cuban Insects 1: 22. *Family*. [List of species from Cuba.]
- Delphacinae* 1928 Ogilvie, Insects of Bermuda 1928: 20. *Subfamily*. [List of species from Bermuda.]
- Delphacinae* 1928 Schmidt, Treubia 10: 140. *Subfamily*. [Listed.]
- Delphacidae* 1928 Uichanco, Ann. Conv. Philippine Sugar Assoc. 6: 70 (6). *Family*. [Economic.]
- Delphacidae* 1929 Haupt, Cong. Int. Zool. 10: 1073. [Taxonomy.]
- Delphacidae* 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 193. *Family*. [Key.] :207. [Key to subfamilies and genera.]
- Asiracidae* 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 174. *Family*. [Listed.]
- Delphacidae* 1929 Lindberg, Comm. Biol. 3 (6): 14. [Listed.]
- Delphacidae* 1929 Luigioni, Atti Pontificia Accad. Sci. Nuovi Lincei 82: 220 (22). [Listed.]
- Delphacidae* 1929 Kusnezov, Zool. Anz. 79: 329. *Family*. [List of species from Turkestan.]
- Delphacidae* 1929 Kusnezov, Wien. Ent. Zeit. 46: 157. *Family*. [Listed.]
- Delphacidae* 1929 Lallemand, Mem. Est. Mus. Zool. Univ. Coimbra 30: 6. *Family*. [Listed.]
- Delphacidae* 1929 Muir, Ann. Mag. Nat. Hist. (10) 4: 186. [Morphology.]
- Delphacidae* 1929 Swezey and Bryan, Proc. Hawaiian Ent. Soc. 7: 304. [Listed.]
- Delphacidae* 1930 Esaki and Hashimoto, Publ. Kyushu Imp. Univ. Ent. Lab. 1: 4, 5. [Economics.]
- Delphacidae* 1930 Horváth, Jugoslavenska Akad. 16: 45. [Listed.]
- Delphacidae* 1930 Imms, Textbook of Entomology. 2nd Ed. 1930: 358. [Notes.]
- Delphacini* 1930 Lesne, Bull. Mus. Hist. Nat. Paris (2) 2: 184. [Listed.]
- Delphacidae* 1930 Michelmores, Bull. Wellcome Trop. Res. Lab. Ent. Sect. 31: 64. [Listed.]
- Delphacidae* 1930 Muir, Ann. Mag. Nat. Hist. (10) 6: 465. *Family*. [Key.] :468. [Key to subfamilies and tribes.]
- Delphacidae* 1930 Muir, Treubia 12: 30. *Family*. [Listed.]
- Delphacidae* 1930 Muir, Ent. Tidskr. 51: 207. [Listed.]
- Delphacidae* [sic] 1930 de Seabra, Arq. Secc. Biol. e Par. 1 (4): 350. *Family*. [Notes.]
- Delphacidae* 1930 de Seabra, Arq. Secc. Bio. e Par. 1 (3): 255. *Family*. [Listed.]
- Delphacinae* 1930 Schmidt, Wien. Ent. Zeit. 47: 121. [Listed.]
- Delphacidae* 1931 de Bergevin, Ann. Mus. Genova 55: 430 (9). [Listed.]
- Delphacidae* 1931 Esaki and Hashimoto, Publ. Kyushu Imp. Univ. Ent. Lab. 2: 4, 5. [Economics.]
- Delphacidae* 1931 Jensen-Haarup and Lindberg, Skrift. Nat. K. Svenska Vet. 18: 42. [Listed.]
- Delphacidae* 1931 Lallemand, Mém. Mus. R. Hist. Nat. Belgique 4 (1): 74. [Listed.]
- Delphacidae* 1931 Kato, Bull. Biogeog. Soc. Japan 2: 9. *Family*. [Listed.]
- Delphacidae* 1931 Muir, Rec. Australian Mus. 18: 69. *Family*. [Species, some new, from Australia and South Pacific Islands.]
- Delphacinae* 1931 Lallemand, Mém. Mus. R. Hist. Nat. Belgique 4 (1): 74. [Listed.]
- Delphacinae* 1932 Enderlein, Fauna von Deutschland 1932: 192. *Subfamily*. [Key, key to European genera.]
- Delphacidae* 1932 Esaki, Short Course Lectures, Leaf-hoppers :2, 7. [Listed.]
- Delphacinae* 1932 Schmidt, Stett. Ent. Zeit. 93: 57. *Subfamily*. [Listed.]
- Delphacidae* 1932 Swezey and Williams, Proc. Hawaiian Ent. Soc. 8: 189. [Listed.]
- Delphacidae* 1932 Brues and Melander, Class. Ins. :119. [Key.]
- Delphacidae* 1932 Esaki, Oyo-Dobuts. Zasshi 4: 1. [Listed.]
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- Delphacidae* 1933 Caresche, Bull. Econ. Indochine 36: 492. [Described.]



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*Delphacidae* 1933 Weber, Lehrbuch der Ent.: 658. [Listed.]  
*Delphacinae* 1934 Chatterjee and Bose, Indian For. Rec. 19 (8): 14. *Subfamily*. [Listed.]  
*Delphacinae* 1934 Heaton, Bull. Brooklyn Ent. Soc. 29: 114. *Subfamily*. [List of Indiana species.]  
*Delphacidae* 1934 Haupt, Märkische Tierwelt 1: 48 (8). [Listed.]  
*Delphacidae* 1934 Imms, Textbook of Entomology. 3rd Ed. 1934: 376. [Notes.]  
*Delphacidae* 1934 Muir, Ann. Mag. Nat. Hist. (10) 14: 575. [New genera and species.]  
*Delphacidae* 1934 Ossiannilsson, Ent. Tidskr. 55: 138. *Family*. [List of species from Sweden.]  
*Delphacinae* 1934 Silvestri, Compendio di entomologie applicata 1: 361. *Subfamily*. [Listed.]  
*Delphacidae* 1934 Thornley, Trans. Soc. British Ent. 1: 82. [List of species from England.]  
*Delphacidae* 1935 Bodenheimer, Animal Life in Palestine 1935: 297. [Listed.]  
*Delphacidae* 1935 Ford, Jour. Animal Ecol. 4: 199. [Listed.]  
*Delphacidae* 1935 Haupt, Tierwelt Mitteleuropas 4 (3): 120. *Family*. [Key.] :129. *Family*. [Key to European genera and species.]  
*Delphacidae* 1935 Karl, Dohrniana. 14: 140. [Listed.]  
*Delphacidae* 1935 Lallemand, Ann. Mus. Genova 58: 81. *Family*. [Listed.]  
*Delphacinae* 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 234. *Subfamily*. [List of genera and species from Porto Rico.]  
*Delphacidae* 1935 Rapp, Beiträge zur Fauna Thüringens 1: 50. [Listed.]  
*Delphacidae* 1935 Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 5. [List of genera and species from northwest Germany.]  
*Delphacidae* 1935 Wu, Cat. Ins. Sinensium. 2: 118. [List of Chinese genera and species.]  
*Delphacidae* 1936 Esaki, Agr. Hort. 11: 2179 (61). [Listed.]  
*Delphacidae* 1936 Esaki, Dob. Zasshi 48: 221 (1). [Listed.]  
*Delphacidae* 1936 Izzard, Ann. Mag. Nat. Hist. (10) 17: 595. *Family*. [Listed.]  
*Delphacidae* 1936 Lindberg, Comm. Biol. 4 (9): 17. [Listed.]  
*Delphacidae* 1936 Lindberg and Zachvatkin, Arkiv Zool. 29: 3, 18. [Listed.]  
*Delphacidae* 1937 Esaki and Hashimoto, Noj. Min. Agr. and For. 127: 2. [Listed.]  
*Delphacidae* 1937 Kuntze, Arch. Nat. (n.f.) 6: 353. [Listed.]  
*Delphacidae* 1937 Smith, A textbook of plant virus diseases 1937: 492, 494. [Listed.]  
*Delphacidae* 1938 China, Ent. Monthly Mag. 74: 197. *Family*. [Listed.]  
*Delphacidae* 1938 China, Arkiv Zool. 30: 54. *Family*. [Listed.]  
Araeopidae 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. 82: 281. [Key.] :279, 280. [Genitalia.] :280. *Family*. [Taxonomy.] :297. [Described.] Equals *Delphacidae*.  
*Delphacinae* 1938 Osborn, Bull. Ohio Biol. Surv. 6: 329. *Subfamily*. [Notes, key to genera, list of genera and species from Ohio.]  
*Delphacidae* 1939 China, Ent. Monthly Mag. 75: 41. *Family*. [Listed.]  
*Delphacidae* 1939 Hassan, Trans. Ent. Soc. London 89: 354. [Key to nymphs.]  
*Delphacidae* 1939 Lindberg, Acta Zool. Fennica 22: 13. [Listed.]  
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*Delphacinae* 1939 Osborn, Meadow and Pasture Insects 1939: 161. *Subfamily*. [Notes.]  
*Delphacinae* 1940 Leach, Ins. Trans. Plant Dis. 1940: 572. [Listed.]  
Araeopidae 1940 Smith, Jour. Econ. Ent. 33: 659. [Listed.]

## Subfamily ASIRACINAE Fieber

- Asiracae* 1872 Fieber, Kat. Europäischen Cicad. :5. *Subfamily*. [List of German genera and species.]  
*Asiracae* 1875 Fieber, Cicad. d'Europe Pt. 4: 366 (79). [Described.]  
*Asiracini* 1910 Kirkaldy, Fauna Hawaiiensis Suppl. :577. *Tribe*. [Described.]  
*Asiracinae* 1915 Muir, Canadian Ent. 47: 268. *Subfamily*. [Key, key to genera.]  
*Asiracinae* 1916 Muir, Philippine Jour. Sci. 11: 369. [List of species from Philippine Islands.]

- Asiracinae 1923 Muir, Proc. Hawaiian Ent. Soc. 5: 224. *Subfamily*. [Key.]  
 Asiracinae 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 4. [Key to American genera.]  
 Asiracinae 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 3. [New genera and species from South America.]  
 Asiracinae 1929 Haupt, Cong. Int. Zool. 10: 1073. [Taxonomy.]  
 Asiracinae 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 207. *Subfamily*. [Key.]  
 Asiracinae 1929 Muir, Ann. Mag. Nat. Hist. (10) 4: 186. [Food plants.]  
 Asiracinae 1930 Muir, Ann. Mag. Nat. Hist. (10) 6: 468. *Subfamily*. [Key.]  
 Asiracinae 1930 Muir, Ent. Tidskr. 51: 207. [Listed.]  
 Asiracinae 1934 Muir, Ann. Mag. Nat. Hist. (10) 14: 575. [Listed.]  
 Asiracinae 1935 Haupt, Tierwelt Mitteleuropas 4 (3): 129. *Subfamily* [Key.] :131. [Key to European genera and species.]  
 Asiracinae 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. 82: 298. *Subfamily*. [Described.]  
 Asiracinae 1939 Metcalf, Jour. Soc. Bibl. Nat. Hist. 1: 247. *Subfamily*. [Listed.]

## Genus ASIRACA Latreille

- Logotype *Delphax clavicornis* 1810 Latreille, Consid. Gén. :434.  
 Type *Delphax clavicornis* 1833 Curtis, British Ent. 10: Pl. 445.  
 Type *Asiraca clavicornis* 1837 Drapiez, Dict. class. sci. nat. 1: 346.  
 Type *Asiraca clavicornis* 1840 Duponchel, Rev. Zool. 2: 204.  
 Type *Asiraca clavicornis* 1840 Westwood, Syn. Genera British Ins. :116.  
 Type *Delphax clavicornis* 1849 Blanchard, d'Orbigny Dict. Univ. Hist. Nat. 2: 220.  
 Type *Delphax clavicornis* 1862 Curtis, Homop. British Ent. :Pl. 445.  
 Type *Asiraca clavicornis* 1900 Kirkaldy, Entomologist 33: 264.  
 Type *Asiraca clavicornis* 1901 Kirkaldy, Entomologist 34: 340.  
 Type *Asiraca clavicornis* 1912 Oshanin, Kat. Paläark. Hemip. :117.  
 Type *Asiraca clavicornis* 1912 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 10: 504, 505.  
 Type *Asiraca clavicornis* 1915 Muir, Canadian Ent. 47: 261.  
 Type *Delphax clavicornis* 1915 Bergroth, Canadian Ent. 47: 216.  
 Logotype *Delphax clavicornis* 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 18.  
 Type *Asiraca clavicornis* 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 207.  
 Type *Asiraca clavicornis* 1935 Haupt, Tierwelt Mitteleuropas 4 (3): 129.  
 Logotype *Delphax clavicornis* 1939 China, Ann. Mag. Nat. Hist. (11) 4: 584.

- Cercopis* 1796 Latreille, Précis. :91. [gen. n.]  
*Asiraca* 1796 Latreille, Précis. :12, 202. nom. nov. for *Cercopis* Latr. [nec Fabr.]  
 1802 Latreille, Hist. Nat. Ins. 3: 259. [Described.]  
 1803 Latreille, Nouv. Dict. Hist. Nat. 2: 314. [Described.]  
 1803 Latreille, Nouv. Dict. Hist. Nat. 7: 166. To *Delphax* [in part.]  
*Asiraque* [sic] 1803 Latreille, Nouv. Dict. Hist. Nat. 5: 453. [Listed.]

## Asiraca

- Asiraca 1804 Latreille, Hist. Nat. Ins. 12: 316. [Described.]  
 1806 von Froriep, Dumeril's Analytische Zoologie 1806: 267. To *Delphax* Fabr. [in part.]  
 1806 Dumeril, Zoologie Analytique :267. To *Delphax* Fabr. [in part.]  
 1807 Latreille, Genera Crust. et Ins. 3: 167. [Described.] Equals *Delphax* Fabr. (in part.)  
 1810 Latreille, Consid. Gén. :263. [Described.]  
 1815 Leach, Brewster's Edinburgh Encyclopedia 9: 125. [Described.] Equals *Delphax* Fabr. [in part.]  
 1816 Lamarck, Hist. Nat. Animaux sans Vertèbres 3: 480. [Described.] Equals *Delphax* Fabr. [in part.]  
 1816 Cuvier, Dict. Sci. Nat. 3: 210. [Described.]
- Asiraque* [sic] 1816 Lamarck, Hist. Nat. Animaux sans Vertèbres 3: 474. [Key.]
- Asiraca 1816 Leach, Brewster's New Edinburgh Encycl. American Ed. 8: 714. [Described.] Equals *Delphax* Fabr. [in part.]  
 1816 Latreille, Nouv. dict. hist. nat. 3: 4 [Described.]
- Asiraque* [sic] 1817 Latreille, Nouv. dict. hist. nat. 7: 90. [Listed.]  
 1817 Latreille, Nouv. dict. hist. nat. 12: 313. [Listed.] Equals *Delphax* [in part.]  
 1817 Latreille, Cuvier's Règne Animal 3: 406. [Notes.]
- Asiraca 1818 Germar, Mag. Ent. 3: 205. [Described.]  
 1819 Samouelle, Ent. Comp. 1819: 230. [Described.] Equals *Delphax* Fabr. [in part.]  
 1820 Billberg, Enum. Ins. :72. [Listed.] Equals *Delphax* Fabr. [in part.]  
 1820 Goldfuss, Handbuch der Zoologie 1: 289. [Described.]
- Asiraque* [sic] 1822 Audouin, Dictionnaire classique d'histoire naturelle 2: 17.  
 1823 Audouin, Dictionnaire classique d'histoire naturelle 4: 110. [Listed.]
- Asiraca 1823 Schinz, Das Thierreich 3: 593. To *Delphax* Fabr. [in part.]  
 1824 Samouelle, Ent. Comp. 2nd Ed. 1824: 230. [Described.] Equals *Delphax* Fabr. [in part.]
- Asiraque* [sic] 1825 Latreille, Fam. Nat. Règne Animal :427 [Listed.]
- Asiraca 1827 Berthold, Natürliche Familien des Thierreiches 1827: 425. [Listed.]  
 1828 Boitard, Man. Ent. Hist. Nat. Ins. 2: 157 [Described.] Equals *Delphax* Fabricius [in part] :150. [Key.]  
 1828 Latreille, Thon's Entomologisches Archiv 1 (3): 76. [Listed.]  
 1829 Curtis, Guide Arrang. British Ins. :194 [Listed.]  
 1829 Stephens, Nomenclature of British Insects 1829: 66. [Listed.]  
 1829 Stephens, Catalogue of British Insects 2: 356. [Listed.] Equals *Delphax* Fabr. [in part.]  
 1829 Latreille, Cuvier's Règne Animal 5: 217. [Described.] Equals *Delphax* Fabr. (in part.)  
 1829 Latreille, Crust. Arach. et Ins. Distribués Fam. Nat. 2: 217. [Described.] Equals *Delphax* Fabr. [in part.]  
 1830 Latreille, Cuvier's Règne Animal, Crochard Ed. 3: 217. [Described.] Equals *Delphax* Fabr. [in part.]  
 1830 Germar, Thon Ent. Archiv 2: 56. [Listed.]  
 1831 Latreille, Cuvier's Animal Kingdom M'Murtrie Ed. 4: 42. [Described.] Equals *Delphax* Fabr. [in part.]  
 1832 Gray, Animal Kingdom 15: 224. [Notes.] Equals *Delphax* Fabr. [in part.]  
 1833 Curtis, Ent. Mag. 1: 196. [Comparative note.]  
 1833 Germar, Rev. Ent. Silbermann 1: 176. [Key.]  
 1833 Curtis, British Ent. 10: Pl. 445. [Described.] Equals *Delphax* [in part.]  
 1834 Latreille, Cuvier's Animal Kingdom Henderson Ed. 4: 176. [Described.] Equals *Delphax* Fabr. [in part.]  
 1834 Costa, Cenni Zoologici :84. [Listed.]  
 1834 Guérin-Ménéville, Voyage aux Indes Belanger 1: 478. [Described.] Equals *Delphax* Fabr. [in part.] :449. [Key.]

- 1835 Herrich-Schäffer, Nom. Ent. 1: 107. [Listed.] Equals *Delphax* Fabr. [in part.] :39. [Key.] :66. [Key to species.]
- 1835 Burmeister, Handb. Ent. 2 (1): 151. [Described.] Equals *Delphax* Fabr. [in part.] :145. [Key.]
- 1835 Wilson, Treatise on Insects :203. [Notes.] Equals *Delphax* [in part.]
- Asiraque* [sic] 1835 Lamarck, Hist. Nat. Animaux sans Vertèbres Second Ed. 4: 126. [Key.]
- Asiraca* 1835 Lamarck, Hist. Nat. Animaux sans Vertèbres Second Ed. 4: 131. [Described.] Equals *Delphax* Fabr. [in part.]
- 1836 Partington, British Cyclopædia 14: 553. [Listed.]
- 1837 Curtis, Guide Arrang. British Ins. Ed. 2: 223. [Listed.]
- 1837 Curtis, British Ent. 14: Pl. 657, 673. [Comparative note.]
- 1837 Latreille, Cuvier's Animal Kingdom, Henderson Ed. 4: 176. [Described.] Equals *Delphax* Fabr. [in part.]
- 1837 Gistel, Cicaden München :107 (12). [Listed.]
- 1837 Drapiez, Dict. class. sci. nat. 1: 346. [Described.]
- Asiraque* [sic] 1837 Drapiez, Dict. class. sci. nat. 2: 423. [Listed.]
- Asiracae* [sic] 1838 Boheman, Handl. Svenska Vet. Akad. 58: 223. [Comparative note.]
- Asiraca* 1839 von Siebold, Preussische Prov.-Blatt. 21: 444. [Listed.]
- 1839 Spinola, Ann. Soc. Ent. France 8: 337. [Described.] :143, 204. [Key.] :136, 140. [Listed.]
- 1839 Westwood, Trans. Linn. Soc. Zool. 18: 135. [Key.]
- 1839 Voigt, Das Thierreich vom Cuvier 5: 391. [Described.] Equals *Delphax* Fabr. [in part.]
- 1840 Comte, Règne Animal :Pl. 68. [Key.]
- 1840 Duponchel, Rev. Zool. 2: 204. [Described.]
- 1840 Westwood, Syn. Genera British Ins. :116. [Described.] Equals *Delphax* Fabr. [in part.]
- 1840 Blanchard, Hist. Nat. Ins. Hémip. 3: 176. [Described.] Equals *Delphax* Fabr. [in part.]
- 1840 Herrich-Schäffer, Fauna Ratisbonensis 3 (2): 384. [Listed.]
- 1840 Westwood, Intr. Class. Ins. 2: 428. [Note.]
- 1842 Labram and Imhoff, Insek. Schweiz 3: [2]. [Described.]
- 1842 Agassiz, Erichson and Germar. Nom. zool. 1842: 3. [Listed.]
- 1843 Amyot and Serville, Hist. Nat. Ins. Hémip. :510. [Described.] Equals *Delphax* Fabr. [in part.]
- 1843 Boitard, Nouveau Man. Ent. 3: 85. [Described.] Equals *Delphax* Fabr. [in part.]
- Asiraque* [sic] 1843 Boitard, Nouveau Man. Ent. 3: 70. [Key.]
- Asiraca* 1844 Guérin-Méneville, Iconographie du Règne Animal de Cuvier :364. [Listed.]
- 1845 Blanchard, Hist. Ins. 2: 423. [Described.]
- 1846 Blanchard, Dictionnaire universel d'histoire naturelle 4: 662. [Comparative note.]
- 1846 Agassiz, Erichson and Germar, Nomenclator zoologicus 1846: 2. [Listed.]
- Asiruca* [sic] 1846 Gimmerthal, Corr. Nat. Riga 1: 27. [Listed.]
- Asiraca* 1847 Amyot, Ann. Soc. Ent. France (2) 5: 168. [Listed.]
- 1848 Amyot, Méthode Mononymique 1848: 364. [Listed.]
- 1848 Agassiz, Index Univ. 1848: 102. [Listed.]
- 1849 Blanchard, Cuvier's Le Règne Animal 6: 61; Pl. 97, Fig. 8. [Described, illustrated.] Equals *Delphax* Fabr. [in part.]
- 1849 Blanchard, d'Orbigny Dict. Univ. Hist. Nat. 2: 220. [Described.] :64. [Listed.]
- 1849 Westwood, Cuvier's Animal Kingdom :569. [Notes.] Equals *Delphax* Fabr. [in part.]
- 1850 Schaum, Allg. Encykl. Ersch und Gruber 51: 62. [Key.] :69. [Described.]
- 1850 Spinola, Mem. Soc. Italiana Modena 25 (1): 52. [Key.]
- 1850 Blanchard, Hist. Nat. Ins. 3 (1): 176. [Described.] :176, 177. [Comparative note.] Equals *Delphax* Fabr. [in part.]



- 1851 Walker, List Homop. British Mus. 2: 360. [Listed.] Equals *Cicada* Fabr. [in part.] Equals *Delphax* Fabr. [in part.] :359. To *Arocephus* [sic] Spinola [error.]
- 1852 Spinola, Tavola sinottica :52. [Key.]
- 1854 de Graaf and Snellen van Vollenhoven, Herklots' Bouwstoffen fauna van Nederland 1 (3): 182. [Listed.]
- 1855 Fairmaire, Histoire Naturelle de la France. Hémiptères 1855: 142. [Key.] :144. [Described.]
- 1856 Guérin-Méneville, Historia de la Isla de Cuba 7: 180. [Comparative note.]
- 1857 Guérin-Méneville, Histoire de l'Ile de Cuba 1857: 430. [Comparative note.]
- 1857 Stål, Ann. Soc. Ent. France (3) 5: 338. [Comparative note.]
- 1857 Stål, Öfv. Svenska Vet. Akad. Förh. 14: 53. [Comparative note.]
- 1857 Dallas, Elem. Ent. :411. [Described.]
- 1858 Walker, Insecta Saundersiana :44. [Listed.]
- 1858 Walker, List Homop. British Mus. Suppl. :84. [Listed.]
- 1858 Walker, List Homop. British Mus. Add. :327. [Listed.]
- 1859 Dohrn, Cat. Hemip. :62. [Listed.]
- 1860 Walker, List British Hemip. :17. [Listed.]
- 1862 Curtis, Homop. British Ent. :Pl. 445. [Described.] Equals *Delphax* [in part.] :Pl. 673. [Comparative note.]
- 1862 Graaf, Six, Snellen van Vollenhoven, Tijdschr. Ent. 5: 77. [Listed.]
- 1863 Gerstaecker, Peters, Carus and Gerstaecker Handb. der Zoologie 2: 301. [Listed.]
- 1863 Westwood, Cuvier's Animal Kingdom :569. [Notes.] Equals *Delphax* Fabr. [in part.]
- 1864 Marshall, Ent. Monthly Mag. 1: 152. [Key.]
- 1865 Marshall, Ent. Monthly Mag. 1: 200. [Listed.]
- 1865 Marshall, Ent. Monthly Mag. 2: 32. [Described.]
- 1866 Fieber, Verh. Zool. Bot. Ges. Wien 16: 518. [Key.] :532. [Listed.]
- 1866 Stål, Hemip. Africana 4: 175. [Key.]
- 1866 Bellevoye, Cat. Hemip. Moselle :142 (30). [Listed.]
- 1867 Dallas, Zool. Rec. 3: 560. [Key.]
- 1868 Kirschbaum, Cicad. Wiesbaden :10. [Key.] :17. [Listed.]
- 1869 Lethierry, Cat. Hémip. du Nord :353. [Listed.]
- 1870 Meyer-Dür, Pet. Nouv. Ent. 1: 53. [Ecology.]
- 1870 Scott, Ent. Monthly Mag. 7: 23. [Described.] :24. [Listed.]
- 1871 Brischke, Verz. Wanzen und Zirpen Prov. Preussen :13. [Listed.]
- 1872 Fieber, Kat. Europäischen Cicad. :5. [Listed.] Equals *Delphax* Fabr. [in part.]
- 1874 Lethierry, Cat. Hémip. Dept. du Nord 2 Ed. :256 (52). [Listed.]
- 1875 Puton, Cat. Hémip. d'Europe 2 Ed. :117. [Listed.]
- 1875 Fieber, Cicad. d'Europe Pt. 1: 366 (79). [Key.]
- 1875 Blanchard, Hist. Nat. Ins. 2: 423. [Described.]
- 1876 Fieber, Cicad. d'Europe Pt. 2: Pl. 7. [Illustrated.]
- 1876 Douglas and Scott, Cat. British Hemip. :66. [Listed.]
- 1878 Fieber, Cicad. d'Europe Pt. 3: 270 (1). [Listed.] Equals *Delphax* Fabr. [in part.]
- 1880 Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 54. [Listed.]
- 1881 Mayr, Ber. Natur.-Med. Ver. Innsbruck 10: 85 (9). [Listed.]
- 1882 Scudder, Nomenclator Zoologicus. Univ. Index :30. [Listed.]
- 1882 Ferrari, Cicad. Agri. Lingustici :88 (16) [Listed.] :87 (15). [Key.]
- 1883 Karsch, Insektenwelt :649. [Described.]
- 1884 Uhler, Standard Nat. Hist. 2: 241. [Notes.]
- 1884 Mayr, Tabellen :18. [Key.]
- 1885 Fairmaire, Hist. Nat. France. Hémip. :144. [Described.] :142. [Key.]
- 1885 Girard, Traite Elem. Ent. 3: 865. [Described, comparative note.] Equals *Delphax* Fabr. [in part.]

- 1885 Ivanoff, Liste des Cigales :97 (15) [Key.] :110 (28) [Listed.]  
 1886 Edwards, Syn. British Homop.-Cicadina Pt. 1: 55. [Key.] :56; Pl. 1, Fig. 17. [Described, illustrated.]  
 1886 Then, Kat. Osterreichischen Cicad. 1886: 12. [Listed.]  
 1886 Westwood, Cuvier's Animal Kingdom :569. [Notes.] Equals *Delphax* Fabr. [in part.]  
 1886 Puton, Cat. Hé mip. Faune Palé arctique 3 Ed. :72. [Listed.]  
 1889 Buckton, Entomologist 22: 270. [Listed.]  
 1889 Ashmead, Ent. Amer. 5: 25. [Key.]  
 1890 Buckton, Mon. British Cicadae 1: 28. [Described, key.]  
 1890 Saunders and Edwards, Cat. British Hemiptera 1890: 11. [Listed.]  
 1891 Buckton, Mon. British Cicadae 8: 130. [Listed.]  
 1891 Oshanin, Mém. Sect. caucasienne Soc. russe Geogr. 23 (1): 48, 58. [Listed.]  
 1892 Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]  
 1892 Dominique, Bull. Soc. Sci. Nat. Ouest France 2: 115. [Listed.]  
 1892 Duda, Cat. Ins. Faunae Bohemicae :28. [Listed.]  
 1893 Bezzi, Bull. Soc. Ent. Italiana 25: 108 (28). [Listed.]  
 1894 Edwards, Hemip.-Homop. British Islands Pt. 1: 29; Pl. 1, Fig. 17. [Described, illustrated, key.]  
 1896 Melichar, Cicad. Mittel-Europa :51. [Described.] :49. [Key.]  
 1897 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 228. [Key.] :246. [Synonymy.]  
 1897 Horváth, Fauna Regni Hungariae :55. [Listed.]  
 1897 Acloue, Faune France :401; Pl. 162, Fig. A. [Listed, illustrated.] :400. [Key.]  
 1899 Puton, Cat. Hé mip. Faune Palé arctique 4 Ed. :106. [Listed.]  
 1900 Kirkaldy, Entomologist 33: 28. [Listed.] :263. [Listed.] :264. [Listed.]  
*Asiraque* [sic] 1900 Kirkaldy, Entomologist 33: 265. [Listed.]  
*Asirača* 1900 Strobl, Mitt. Natur. Ver. Steiermark 36: 203. [Listed.]  
 1900 Lambertie, Act. Soc. Linn. Bordeaux 55: clxxiv. [Listed.]  
 1901 Leonardi, Gli Insetti 4: 135. To *Delphax* Fabr. [in part.] :133. [Listed.]  
 1901 Kirkaldy, Entomologist 34: 340. [Listed.] Equals *Delphax* Fabr. [in part.]  
 1901 Lambertie, Act. Soc. Linn. Bordeaux 56: 216 (88). [Listed.]  
*Cercopis* 1902 Sherborn, Index Animalium 1758-1800 1902: 194. [Listed.]  
*Asiraca* 1902 Sherborn, Index Animalium 1758-1800 1902: 81. [Listed.]  
 1902 Dominique, Bull. Soc. Sci. Nat. Ouest France (11) 2: 221. [Listed.]  
 1902 Cobelli, Cicadine Trentino :9. [Listed.]  
 1903 Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 61 (21). [Listed.]  
 1904 Hüeber, Syst. Verz. deutschen Zikadinen 1904: 268. [Listed.]  
 1906 Matsumura, Schr. Nat. Ges. Danzig 11: 75. [Listed.]  
 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 123, 124. [Morphology.] :120. [Comparative note.]  
 1907 Oshanin, Verz. Palaeark. Hemip. 2: 297. [Listed.]  
 1908 Saunders and Edwards, Cat. British Hemiptera 1908: 14. [Listed.]  
 1910 Lambertie, Misc. Ent. 18: 91. [Listed.]  
 1910 Kirkaldy, Fauna Hawaiiensis Suppl. 1910: 577. [Notes.]  
 1912 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 10: 504, 505. [Synonymy.]  
 1912 Oshanin, Kat. Paläark. Hemip. :117. [Listed.]  
 1913 Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]  
 1913 Melichar, Faune Walouyki Russie 7: 5. [Listed.]  
 1914 Crawford, Mon. Delphacidae :577. [Comparative note.]  
 1915 Bergroth, Canadian Ent. 47: 216. [Discussion of genotype.]  
 1915 Muir, Canadian Ent. 47: 212, 261. [Listed.] :268. [Key.]  
 1917 Muir, Proc. Hawaiian Ent. Soc. 3: 316. [Notes.]  
 1918 Muir, Proc. Hawaiian Ent. Soc. 3: 426. [Comparative note.]  
 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 18. [Nomenclature.] Equals *Cercopis* Latr. [nec Fabr.]

*Asiraca*

- 1925 Handlirsch, Schröder's Handb. Ent. 3 (9): 1112. [Listed.]  
 1926 Muir, Trans. Ent. Soc. London 1926: 377. [Comparative note.]  
 1926 Rémy-Perrier, Homop. Faune France 4: 90. [Key.] :92. [Key to species.]  
 1926 Schulze, Kükenthal and Heider, Nomenclator animalium 1 (2): 295. [Listed.]  
 1927 Perrier, Traité de Zoologie 3: 1319. [Described.]  
 1927 Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 142. [Listed.]  
 1928 Filipieff, Guide to Insects :157. [Key.] :159. [Listed.]  
 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 207. [Key.]  
 1929 Luigioni, Atti Pontificia Accad. Sci. Nuovi Lincei 82: 220 (22). [Listed.]  
 1932 Enderlein, Fauna von Deutschland 1932: 192. [Key.]  
 1935 Haupt, Tierwelt Mitteleuropas 4 (3): 129. [Key.] :131. [Key to species.]  
 1935 Matsumura, Ins. Matsumurana 9: 126. [Comparative note.]  
 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 238. [Comparative note.]  
 1937 Kuntze, Arch. Nat. (n.f.) 6: 353. [Listed.]  
 1939 China, Ann. Mag. Nat. Hist. (11) 4: 584. [Listed.]  
 1939 Neave, Nomenclator Zoologicus 1: 318. [Listed.]

*angulicornis* Latreille. See *Araeopus angulicornis* Latreille.

*apicalis* Stephen [nom. nud.]. See *Delphacodes leptosoma* Flor.

**clavicornis** Fabricius

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| 1794 <i>Cicada clavicornis</i> Fabricius, Entomologia Syst. 4: 41. [n. sp.] <sup>1</sup>                                                                           | France <sup>1</sup>                                                    |
| 1798 <i>Delphax clavicornis</i> Fabricius, Suppl. Entomologia Syst. :522. [Described.] <sup>1</sup> Equals <i>Cicada clavicornis</i> Fabr.                         | England <sup>2</sup><br>Netherlands <sup>3</sup>                       |
| 1799 <i>Delphax clavicornis</i> Coquebert, Ill. Icon. Ins. 1: 33; Pl. 8, Figs. 7a-e. [Described, illustrated.] <sup>1</sup> Equals <i>Cicada clavicornis</i> Fabr. | Ireland <sup>4</sup><br>Germany <sup>5</sup>                           |
| 1802 <i>Cicada clavicornis</i> Turton, Syst. Naturae Linn. :596. [Described.] <sup>1</sup>                                                                         | Turkey <sup>6</sup>                                                    |
| 1802 <i>Delphax clavicornis</i> Walckenaer, Faune Parisienne Ins. 2: 329. [Described.] <sup>1</sup>                                                                | Italy <sup>7</sup><br>Sardinia <sup>8</sup>                            |
| 1802 <i>Asiraca clavicornis</i> Latreille, Hist. Nat. Ins. 3: 260. [Described.]<br>Equals <i>Delphax clavicornis</i> Fabr.                                         | Europe <sup>9</sup><br>Sicily <sup>10</sup>                            |
| 1803 <i>Delphax clavicornis</i> [sic] Fabricius, Systema Rhyng. :83. [Described.] <sup>1</sup> Equals <i>Cicada clavicornis</i> [sic] Fabr.                        | Prussia <sup>11</sup><br>Belgium <sup>12</sup>                         |
| 1803 <i>Delphax clavicornis</i> [sic] Latreille, Nov. Dict. hist. nat. 7: 166. [Described.] <sup>1</sup>                                                           | Spain <sup>13</sup><br>Armenia <sup>14</sup>                           |
| 1804 <i>Asiraca clavicornis</i> Latreille, Hist. Nat. Ins. 12: 316. [Described.] <sup>1</sup><br>Equals <i>Delphax clavicornis</i> Fabr.                           | Russia <sup>15</sup><br>Czechoslovakia <sup>16</sup>                   |
| 1806 <i>Delphax clavicornis</i> von Froriep, Dumeril's Analytische Zoologie 1806: 267. [Listed.]                                                                   | Transcaucasus <sup>17</sup><br>British Isles <sup>18</sup>             |
| 1807 <i>Asiraca clavicornis</i> Latreille, Genera Crust. et Ins. 3: 167. [Described.] <sup>1</sup> Equals <i>Delphax clavicornis</i> Fabr.                         | Hungary <sup>19</sup><br>Yugoslavia <sup>20</sup>                      |
| 1815 <i>Asiraca clavicornis</i> Leach, Brewster's Edinburgh Encyclopedia 9: 125. [Described.] <sup>1,2</sup> Equals <i>Delphax clavicornis</i> Fabr.               | Crimea <sup>21</sup><br>Morocco <sup>22</sup>                          |
| 1816 <i>Asiraca clavicornis</i> Leach, Brewster's New Edinburgh Encycl. American Ed. 8: 714. [Described.] <sup>1,2</sup> Equals <i>Delphax clavicornis</i> Fabr.   | Greece <sup>23</sup><br>Holland <sup>24</sup><br>Tunisia <sup>25</sup> |
| 1816 <i>Asiraca clavicornis</i> Latreille, Nouv. dict. hist. nat. (Nouv. ed.) 3: 4. [Described.] <sup>1,5</sup> Equals <i>Delphax clavicornis</i> Fabr.            | Central Europe <sup>26</sup><br>Caucasus <sup>27</sup>                 |
| 1816 <i>Asiraca clavicornis</i> Lamarck, Hist. Nat. Animaux sans Vertèbres 3: 480. [Described.] <sup>1</sup> Equals <i>Delphax clavicornis</i> Fabr.               | Turkestan <sup>28</sup><br>Albania <sup>29</sup>                       |
| 1818 <i>Asiraca clavicornis</i> Germar, Mag. Ent. 3: 205. [Listed.]                                                                                                | Portugal <sup>30</sup>                                                 |
| 1818 <i>Delphax (Asiraca) clavicornis</i> Latreille, Tabl. Enc. Méthod. :38; Pl. 397; Figs. 7-11. [Illustrated.]                                                   | Switzerland <sup>31</sup><br>Austria <sup>32</sup>                     |
| 1819 <i>Asiraca clavicornis</i> Samouelle, Ent. Comp. 1819: 230. [Described.] <sup>1,2</sup> Equals <i>Delphax clavicornis</i> Fabr.                               | Latvia <sup>33</sup><br>Romania <sup>34</sup>                          |

- 1819 *Delphax clavicornis* Dumeril, Dict. Sci. Nat. 13: 43. [Described.]  
 1820 *Asiraca clavicornis* Goldfuss, Handbuch der Zoologie 1: 289. [Described.]<sup>1</sup>  
 1820 *Cicada clavicornis* Donovan, Rees' cyclopaedia 8: [5]. [Described.]<sup>1</sup>  
 1820 *Delphax clavicornis* Donovan, Rees' cyclopaedia 8: [6]. [Described.]<sup>1</sup>  
 1822 *Asiraca clavicornis* Audouin, Dictionnaire classique d'histoire naturelle 2: 17. [Listed.]<sup>1,5</sup>  
 1824 *Asiraca clavicornis* Samouelle, Ent. Comp. 2nd Ed. 1824: 230. [Described.]<sup>1,2</sup> Equals *Delphax clavicornis* Fabr. :380. [Listed.]  
 1826 *Asiraca clavicornis* Fallén, Hemip. Sueciae :73. [Listed.]  
 1828 *Asiraca clavicornis* Boitard, Man. Ent. Hist. Nat. Ins. 2: 157. [Described.]<sup>1</sup> Equals *Delphax clavicornis* Fabr.  
 1829 *Asiraca clavicornis* Guérin-Ménéville, Plates from Icon. Règne Animal de Cuvier: Pl. 58, Figs. 15a-c. [Illustrated.]  
 1829 *Asiraca clavicornis* Stephens, Nomenclature of British Insects 1829: 66. [Listed.]<sup>18</sup>  
 1829 *Asiraca clavicornis* Stephens, Catalogue of British Insects 2: 356. [Listed.]<sup>18</sup> Equals *Delphax clavicornis* Fabr.  
 1829 *Asiraca clavicornis* Curtis, Guide Arrang. British Ins. :194. [Listed.]<sup>4,18</sup>  
 1829 *Asiraca clavicornis* Herrich-Schäffer, Deutschlands Ins. 111: 8. [Described, illustrated.]<sup>9</sup> Equals *Delphax clavicornis* Fabr.  
 1830 *Asiraca clavicornis* Germar, Thon Ent. Archiv 2: 57. [Described.]<sup>1,5,6</sup> Equals *Delphax clavicornis* Fabr.  
 1833 *Asiraca clavicornis* Germar, Rev. Ent. Silbermann 1: 176. [Listed.] Equals *Delphax clavicornis* Fabr.  
 1833 *Asiraca clavicornis* Curtis, British Ent. 10: Pl. 445. [Described.]<sup>2</sup>  
 1834 *Asiraca clavicornis* Guérin-Ménéville, Voyage aux Indes Belanger 1: 479. [Listed.] Equals *Delphax clavicornis* Fabr.  
 1834 *Asiraca clavicornis* Costa, Cenni Zool. :84. [Listed.]<sup>7</sup>  
 1834 *Asiraca clavicornis* Latreille, Cuvier's Animal Kingdom 4: Pl. 68, Figs. 15, 15a-b. [Illustrated.]  
 1835 *Cicada clavicornis* Herrich-Schäffer, Nom. ent. 1: 102. To *Asiraca clavicornis* Fabr.  
 1835 *Delphax clavicornis* Herrich-Schäffer, Nom. ent. 1: 106. To *Asiraca clavicornis*.  
 1835 *Asiraca clavicornis* Herrich-Schäffer, Nom. Ent. 1: 107. [Listed.] Equals *Delphax clavicornis* Fabr. :66. [Key.]  
 1835 *Asiraca clavicornis* Herrich-Schäffer, Nom. Ent. 1: 102. Equals *Cicada clavicornis* Fabr.  
 1835 *Asiraca clavicornis* Burmeister, Handb. Ent. 2 (1): 151. [Described.]<sup>5</sup> Equals *Delphax clavicornis* Fabr.  
 1835 *Asiraca clavicornis* Lamarck, Hist. Nat. Animaux sans Vertèbres, Second Ed. 4: 131. [Described.]<sup>1</sup> Equals *Delphax clavicornis* Fabr.  
 1837 *Asiraca clavicornis* Gistel, Cicaden München: 107 (12). [Listed.]<sup>5</sup>  
 1837 *Asiraca clavicornis* Curtis, Guide Arrang. British Ins. Ed. 2: 223. [Listed.]<sup>18</sup>  
 1837 *Asiraca clavicornis* Drapiez, Dict. class. sci. nat. 1: 347. [Listed.]<sup>1,5</sup> Equals *Delphax clavicornis* Fabr.  
 1837 *Asiraca clavicornis* Latreille, Cuvier's Animal Kingdom 4: xx; Pl. 68, Figs. 15, 15a-b. [Illustrated.]  
 1837 *Asiraca clavicornis* Latreille, Cuvier's Animal Kingdom Henderson Ed. 4: Pl. 68, Fig. 15. [Illustrated.]  
 1839 *Asiraca clavicornis* von Siebold, Preussische Prov.-Blatt. 21: 444. [Listed.]<sup>5</sup>  
 1839 *Asiraca clavicornis* Spinola, Ann. Soc. Ent. France 8: 337. [Listed.]<sup>7,8</sup> Equals *Cicada clavicornis* Coq. Equals *Delphax clavicornis* Fabr. :140 [Listed.]  
 1839 *Asiraca clavicornis* Dufour, Ann. Sci. Nat. (2) 12: 288. [Digestive system.]  
 1840 *Asiraque* [sic] *clavicorne* [sic] Comte, Règne Animal: Pl. 68. [Listed.]  
 1840 *Asiraca clavicornis* Herrich-Schäffer, Fauna Ratisbonensis 3 (2): 384. [Listed.]<sup>5</sup>  
 1840 *Asiraca clavicornis* Westwood, Intr. Class. Ins. 2: 428; Fig. 115, 11. [Note, illustrated.]  
 1840 *Asiraca clavicornis* Duponchel, Rev. Zool. 2: 204. [Listed.]<sup>7,8</sup>  
 1840 *Asiraca clavicornis* Westwood, Syn. Genera British Ins.: 116. [Listed.]



## Asiraca

- 1840 *Asiraca clavicornis* Blanchard, Hist. Nat. Ins. Hémipt. 3: 176. [Described.]<sup>9</sup> Equals *Delphax clavicornis* Fabr.
- 1842 *Asiraca clavicornis* Labram and Imhoff, Ins. Schweiz 3: [2; Pl. 2.] [Described, illustrated.] Equals *Delphax clavicornis* Fabr.
- 1843 *Asiraca clavicornis* Boitard, Nouveau Man. Ent. 3: 85. [Described.]<sup>1</sup> Equals *Delphax clavicornis* Fabr.
- 1843 *Asiraca clavicornis* Amyot and Serville, Hist. Nat. Ins. Hémipt. :511 [Described.]<sup>1</sup> Equals *Delphax clavicornis* Fabr.
- 1844 *Asiraca clavicornis* Guérin-Ménéville, Icon. Règne Animal :364; Pl. 58, Fig. 15. [Illustrated.]
- 1844 *Asiraca clavicornis* Guérin-Ménéville, Icon. Règne Animal de Cuvier :364. [Listed.]<sup>1</sup>
- 1846 *Asiraca* [sic] *clavicornis* Gimmerthal, Corr. Nat. Riga 1: 27. [Listed.]<sup>33</sup>
- 1847 *Asiraca* Amyot, Ann. Soc. Ent. France (2) 5: 168. [Described.]<sup>1</sup> [non binom.] Equals *Asiraca clavicornis* Fabr.
- 1847 *Asiraca clavicornis* Amyot, Ann. Soc. Ent. France (2) 5: 168. [Described.] [non binom.]
- 1848 *Asiraca clavicornis* Amyot, Méth. Mon. :364. [Described.] [non binom.]
- 1848 *Asiraca* Amyot, Méth. Mon. :364. [Described.]<sup>1</sup> [non binom.] Equals *Asiraca clavicornis* Fabr.
- 1849 *Asiraca clavicornis* Blanchard, d'Orbigny Dict. Univ. Hist. Nat. 2: 221. [Listed.]<sup>9</sup> Equals *Delphax clavicornis* Fabr.
- 1849 *Asiraca clavicornis* Blanchard, Cuvier's Le Règne Animal 6: Pl. 97, Figs. 8, 8a-b. [Illustrated.]
- 1849 *Asiraca clavicornis* Westwood, Cuvier's Animal Kingdom :569. [Notes.]<sup>2</sup>
- 1850 *Asiraca clavicornis* Blanchard, Hist. Nat. Ins. 3 (1): 176. [Described.]<sup>1,5</sup> Equals *Delphax clavicornis* Fabr.
- 1850 *Asiraca clavicornis* Schaum, All. Encykl. Ersch und Gruber 51: 69. [Listed.]<sup>9</sup> Equals *Delphax clavicornis* Fabr.
- 1851 *Asiraca clavicornis* Walker, List Homop. British Mus. 2: 360. [Listed.]<sup>2,10</sup> Equals *Cicada clavicornis* Fabr. Equals *Delphax clavicornis* Fabr. Equals *Asiraca* Amyot. [non binom.]
- 1855 *Asiraca clavicornis* Fairmaire, Histoire Naturelle de la France. Hémiptères 1855: 145. [Described.]<sup>1</sup>
- 1857 *Asiraca clavicornis* Dallas, Elem. Ent. :411. [Listed.]<sup>18</sup>
- 1859 *Asiraca clavicornis* Signoret, Nouveau guide de l'amateur d'insectes 1859: 49. [Listed.]
- 1859 *Asiraca clavicornis* Dohrn, Cat. Hemip. :62. [Listed.]<sup>9</sup>
- 1860 *Delphax clavicornis* Duméril, Entomologie Analytique 2: 1061. [Described.]
- 1860 *Delphax clavicornis* Duméril, Mém. Acad. Sci. Inst. Imp. 31: 1061. [Described.]
- 1860 *Asiraca clavicornis* Walker, List British Hemip. :17 [Listed.]<sup>2</sup>
- 1862 *Asiraca clavicornis* Curtis, Homop. British Ent.: Pl. 445. [Described.]<sup>2</sup>
- 1862 *Asiraca clavicornis* Fuss, Verh. Mitth. Siebenbürgischen Ver. Nat. 13: 17. [Listed.]<sup>5</sup>
- 1863 *Asiraca clavicornis* Westwood, Cuvier's Animals Kindgom :569 [Notes.]<sup>2</sup>
- 1865 *Asiraca clavicornis* Frey-Gesner, Mitt. Schweizerschen Ent. Ges. 1: 31. [Listed.]<sup>31</sup>
- 1865 *Asiraca clavicornis* Marshall, Ent. Monthly Mag. 1: 32. [Described.]<sup>18</sup> Equals *Delphax clavicornis* Fabr.
- 1866 *Asiraca clavicornis* Bellevoye, Cat. Hémipt. Moselle. :142 (30) [Listed.]<sup>1</sup>
- 1866 *Asiraca clavicornis* Fieber, Verh. Zool. Bot. Ges. Wien 16: 518, 532. [Listed.]
- 1868 *Asiraca clavicornis* Kirschbaum, Cicad. Wiesbaden: 17. [Described.]<sup>5</sup> :18. [Comparative note.]
- 1868 *Asiraca clavicornis* Signoret, Guide de l'amateur d'insectes 1868: 62. [Listed.]
- 1869 *Asiraca clavicornis* Lethierry, Cat. Hémipt. du Nord: 353. [Listed.]<sup>1</sup>
- 1869 *Asiraca clavicornis* Douglas, Ent. Monthly Mag. 6: 162. [Notes, illustrated.]<sup>2</sup>
- 1870 *Asiraca clavicornis* Bellevoye, Pet. Nouv. Ent. 1: 62. [Notes.]
- 1870 *Asiraca clavicornis* Meyer-Dür, Pet. Nouv. Ent. 1: 53, 70. [Living in ants' nests.]
- 1870 *Asiraca clavicornis* Scott, Ent. Monthly Mag. 7: 24. [Notes.]
- 1871 *Asiraca clavicornis* Brischke, Verz. Wanzen und Zirpen Prov. Preussen: 13. [Listed.]<sup>11</sup>
- 1872 *Asiraca clavicornis* [sic] Fieber, Kat. Europäischen Cicad.: 5. [Listed.]<sup>9</sup>

- 1874 *Asiraca clavicornis* Lethierry, Cat. Hémip. Dept. du Nord, Second Ed. :256 (52). [Listed.]<sup>1</sup>
- 1875 *Asiraca clavicornis* Puton, Cat. Hémip d'Europe 2 Ed: 117. [Listed.]<sup>9</sup>
- 1876 *Asiraca clavicornis* Douglas and Scott, Cat. British Hemip. :66. [Listed.]<sup>18</sup> Equals *Delphax clavicornis* Fabr.
- 1878 *Asiraca clavicornis* Lethierry, Ann. Soc. Ent. Belgique **21**: xxxvi. [Listed.]<sup>12</sup>
- 1878 *Asiraca clavicornis* Fieber, Cicad. d'Europe Pt. **3**: 272 (3). [Described.]<sup>9</sup> Equals *Cicada clavicornis* Fabr. Equals *Delphax clavicornis* Fabr.
- 1878 *Asiraca clavicornis* Horváth, Schneider's Naturw. Beitr. Kenntniss. **1878**: 85. [Listed.]<sup>17</sup>
- 1879 *Asiraca clavicornis* Horváth, Sitz. Naturw. Ges. Isis Dresden **1879**: 97. [Listed.]<sup>17</sup>
- 1879 *Asiraca clavicornis* Bolívar and Chicote, Ann. Soc. Esp. **8**: 179 (33). [Listed.]<sup>13</sup>
- 1880 *Asiraca clavicornis* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar **21**: 54. [Listed.]<sup>1</sup>
- 1881 *Asiraca clavicornis* Mayr. Ber. Natur.-Med. Ver. Innsbruck **10**: 85 (9). [Listed.]<sup>32</sup>
- 1882 *Asiraca clavicornis* Costa, Atti Acc. Sci. Napoli 9 (11): 26. [Listed.]<sup>8</sup>
- 1882 *Asiraca clavicornis* Ferrari and Cavanna, Boll. Soc. Ent. Italiana **14**: 370. [Listed.]<sup>7</sup>
- 1882 *Asiraca clavicornis* Ferrari, Cicad. Agri Ligustici: 88 (16). [Listed.]<sup>7</sup> Equals *Cicada clavicornis* Fabr.
- 1883 *Asiraca clavicornis* Karsch, Insektenwelt: :649. [Described.]<sup>5</sup>
- 1884 *Asiraca clavicornis* Mayr, Tabellen :18. [Listed.]<sup>9</sup>
- 1884 *Asiraca clavicornis* Edwards, Trans. Nat. Soc. Norwich **3**: 713 [Listed.]<sup>2</sup>
- 1885 *Asiraca clavicornis* Ivanoff, Liste des Cigales: 110 (28); Pl. 2, Fig. 6. [Described, illustrated.]
- 1885 *Asiraca clavicornis* Fairmaire, Hist. Nat. France Hémip. :145. [Described.]<sup>1</sup>
- 1885 *Asiraca clavicornis* Ferrari, Bull. Soc. Ent. Italiana **17**: 280. [Listed.]<sup>7</sup> Equals *Cicada clavicornis* Fabr.
- 1885 *Asiraca clavicornis* Girard, Traite Elem. Ent. **3**: 865; Pl. 102, Figs. 15a-c. [Described, illustrated.]<sup>9</sup>
- 1886 *Asiraca clavicornis* Then, Kat. Osterreichischen Cicad. **1886**: 12. [Listed.]<sup>9,32</sup>
- 1886 *Asiraca clavicornis* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :72. [Listed.]<sup>9</sup>
- 1886 *Asiraca clavicornis* Edwards, Syn. British Homop.-Cicadina Pt. **1**: 56. [Described.]<sup>18</sup> Equals *Delphax clavicornis* Fabr.
- 1886 *Asiraca clavicornis* Westwood, Cuvier's Animal Kingdom :569. [Notes.]<sup>2</sup>
- 1887 *Asiraca clavicornis* Horváth, Bull. Soc. Ent. Italiana **19**: 282 (5). [Listed.]<sup>7,17</sup>
- 1888 *Asiraca clavicornis* Costa, Atti. Acc. Sci. Napoli (2) **1** (2): 70. [Listed.]<sup>8</sup>
- 1888 *Asiraca clavicornis* Costa, Atti. Acc. Sci. Napoli **2** (9): 39. [Listed.]<sup>8</sup>
- 1889 *Asiraca clavicornis* Edwards, Trans. Nat. Soc. Norwich **4**: 710. [Listed.]<sup>2</sup>
- 1890 *Asiraca clavicornis* Buckton, Mon. British Cicadae **1**: 28; Pl. 8, Figs. 1-7. [Described, illustrated.]<sup>8</sup> Equals *Delphax clavicornis* Fabr.
- 1890 *Asiraca clavicornis* Saunders and Edwards, Cat. British Hemiptera **1890**: 11. [Listed.]<sup>18</sup>
- 1890 *Asiraca clavicornis* Dominique, Ann. Soc. Acad. Loire-Inférieure **1890**: 109 (25). [Listed.]<sup>1</sup>
- 1890 *Asiraca clavicornis* Funk, Ber. Nat. Ges. Bamberg **15**: 139. [Listed.]<sup>5</sup>
- 1891 *Asiraca clavicornis* Horváth, Glasnik Hrv. Nar. Druzstva **6**: 48. [Listed.]<sup>20</sup>
- 1891 *Asiraca clavicornis* Buckton, Mon. British Cicadae **8**: 193. [Ecology.]
- 1891 *Asiraca clavicornis* Oshanin, Mém. Sect. caucasienne Soc. russe Geogr. **23** (1): 48. [Listed.]<sup>15</sup>
- 1891 *Asiraca clavicornis* Horváth, Rev. Ent. **10**: 75. [Listed.]<sup>14,15</sup>
- 1892 *Asiraca clavicornis* Ferrari, Ann. Mus. Genova (2) **12**: 569 (21). [Listed.]<sup>7</sup>
- 1892 *Asiraca clavicornis* de Carlini, Boll. Soc. Ent. Italiana **24**: 88. [Listed.]<sup>7</sup>
- 1892 *Asiraca clavicornis* Coubeaux, Ann. Soc. Ent. Belgique **36**: 34 (1). [Listed.]<sup>12</sup>
- 1892 *Asiraca clavicornis* Duda, Cat. Ins. Faunae Bohemicae :28. [Listed.]<sup>16</sup>
- 1892 *Asiraca clavicornis* Dominique, Bull. Soc. Sci. Nat. Ouest France **2**: 115. [Listed.]<sup>1</sup>
- 1892 *Asiraca clavicornis* [sic] Horváth, Rev. Ent. **11**: 133. [Listed.]<sup>1</sup>
- 1892 *Asiraca clavicornis* Lethierry, Rev. Hémip. Belgique :21. [Listed.]<sup>12</sup>
- 1893 *Asiraca clavicornis* Bezzi, Bull. Soc. Ent. Italiana **25**: 108 (28). [Listed.]<sup>7</sup>

## Asiraca

- 1894 *Asiraca clavicornis* Horváth, Rev. Ent. **13**: 177. [Listed.]<sup>16,17</sup>  
 1894 *Asiraca clavicornis* Moraguez y de Manzanos, An. Soc. Española Hist. Nat. **23**: 84 (12). [Listed.]<sup>13</sup>  
 1894 *Asiraca clavicornis* Edwards, Hemip.-Homop. British Islands Pt. **1**: 29, Pl. 4, Fig. 1 [Described, illustrated.]<sup>18</sup>  
 1894 *Asiraca clavicornis* Fokker, Tijdschr. Ent. **37**: 87. [Listed.]<sup>3</sup>  
 1894 *Asiraca clavicornis* Rey, Échange **10**: 14. [Listed.]  
 1896 *Asiraca clavicornis* Melichar, Cicad. Mittel-Europa :52; Pl. 3, Figs. 32–37. [Described, illustrated.]<sup>5,9,32</sup>  
 1896 *Cicada clavicornis* Melichar, Cicad. Mittel-Europa :53. To *Delphax crassicornis* Fabr. [error.]  
 1897 *Asiraca clavicornis* Acloque, Faune France: 401. [Key.]<sup>1</sup>  
 1897 *Asiraca clavicornis* Griffini, Ent. Italiani **4**: 583; Fig. 208. [Described, illustrated.]  
 1897 *Asiraca clavicornis* Horváth, Fauna Règni Hungariae :55. [Listed.]<sup>19</sup>  
 1897 *Delphax clavicornis* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 246. [Listed.]  
 1899 *Asiraca clavicornis* Melichar, Wien. Ent. Zeit. **18**: 180. [Listed.]<sup>25</sup>  
 1899 *Asiraca clavicornis* Melichar, Ent. Jahrb. **1899**: (9). [Listed.]  
 1899 *Asiraca clavicornis* Puton, Cat. Hémip. Faune Paléarctique 4 Ed.: 106. [Listed.]<sup>9</sup>  
 1900 *Asiraca clavicornis* Strobl, Mitt. Natur. Ver. Steiermark **36**: 203. [Listed.]<sup>32</sup>  
 1900 *Asiraca clavicornis* Fokker, Tijdschr. Ent. **42**: 14. [Listed.]<sup>6</sup>  
 1900 *Asiraca clavicornis* Lambertie, Act. Soc. Linn. Bordeaux **55**: clxxiv. [Listed.]<sup>1</sup>  
 1901 *Asiraca clavicornis* Leonardi, Gli Insetti **4**: 133; Fig. 46. [Notes, illustrated.]  
 1901 *Asiraca clavicornis* Melichar, Ent. Jahrb. **1901**: 42 (9). [Listed.]  
 1901 *Asiraca clavicornis* Schouteden, Ann. Soc. Ent. Belgique **45**: 269. [Listed.]<sup>12</sup>  
 1901 *Asiraca clavicornis* Lambertie, Act. Soc. Linn. Bordeaux **56**: 216 (88). [Listed.]<sup>1</sup>  
 1902 *Asiraca clavicornis* Cobelli, Cicadine Trentino: 9. [Listed.]<sup>7</sup>  
 1902 *Asiraca clavicornis* Dominique, Bull. Soc. Sci. Nat. Ouest France (11) **2**: 221. [Listed.]<sup>1</sup>  
 1902 *Cicada clavicornis* Sherborn, Index Animalium 1758–1800 **1902**: 222. [Listed.]  
 1902 *Delphax clavicornis* Sherborn, Index Animalium 1758–1800 **1902**: 222. [Listed.] Equals *Cicada clavicornis* Fabr.  
 1903 *Asiraca clavicornis* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste **21**: 61 (21). [Listed.]<sup>7</sup>  
 1903 *Asiraca clavicornis* Lambertie, Act. Soc. Linn. Bordeaux **58**: lxi [2] [Listed.]<sup>1</sup>  
 1903 *Asiraca clavicornis* Horváth, Ann. Mus. Nat. Hungarici **1**: 27. [Listed.]<sup>20</sup>  
 1904 *Asiraca clavicornis* Hüeber, Syst. Verz. deutschen Zikadinen :268. [Listed.]<sup>6</sup>  
 1906 *Asiraca* [sic] *clavicornis* Schugurov, Zool. Anz. **30**: 712. [Listed.]<sup>15</sup>  
 1906 *Asiraca clavicornis* Matsumura, Schr. Nat. Ges. Danzig **11**: 75. [Listed.]<sup>6</sup>  
 1907 *Asiraca clavicornis* Melichar, Sitzber. Akad. Wiss. **116**: 1039 (15). [Listed.]<sup>13,22</sup>  
 1907 *Asiraca clavicornis* Oshanin, Verz. Palaeark. Hemip. **2** (2): 297. [Listed.]<sup>1,5,7,13,15,18,19,25,27,28,32,34</sup> Equals *Delphax clavicornis* Fabr.  
 1907 *Asiraca clavicornis* Paganetti-Hummler, Zeits. Wiss. Insektenbiol. **3**: 95. [Listed.]<sup>23</sup>  
 1908 *Asiraca clavicornis* Oshanin, Verz. Palaeark. Hemip. **2** (3): 450. [Listed.]<sup>12</sup>  
 1908 *Asiraca clavicornis* Reuter, Acta Soc. Sci. Fennicae **36** (1): 72, 102, 108, 117. [Listed.]<sup>2</sup>  
 1908 *Asiraca clavicornis* Saunders and Edwards, Cat. British Hemiptera **1908**: 14. [Listed.]<sup>18</sup>  
 1909 *Asiraca clavicornis* Lambertie, Proc. Verb. Soc. Linn. Bordeaux **63**: clx. [Listed.]<sup>1</sup>  
 1910 *Asiraca clavicornis* MacGillivray, Ent. Berichten **3**: 44. [Listed.]<sup>24</sup>  
 1910 *Asiraca clavicornis* Lambertie, Misc. Ent. **18**: 91. [Listed.]<sup>1</sup>  
 1912 *Asiraca clavicornis* Oshanin, Kat. Paläark. Hemip. :117. [Listed.]<sup>25,26,27,28</sup>  
 1913 *Asiraca clavicornis* Dalla Torre, Ent. Jahrb. **22**: 149. [Listed.]<sup>32</sup>  
 1913 *Asiraca clavicornis* Melichar, Mitt. Kaukasischen Mus. **7**: 14. [Listed.]<sup>27</sup>  
 1913 *Asiraca clavicornis* Melichar, Faune Walouyki Russie **7**: 5. [Listed.]<sup>16</sup>  
 1914 *Asiraca clavicornis* Edwards, Trans. Nat. Soc. Norwich **9**: 814. [Listed.]<sup>2</sup>  
 1915 *Asiraca clavicornis* Jensen-Haarup, Flora och Fauna **1915**: 97. [Key.]  
 1916 *Asiraca clavicornis* Horváth, Ann. Mus. Nat. Hungarici **14**: 15. [Listed.]<sup>29</sup>  
 1917 *Delphax clavicornis* Muir, Proc. Hawaiian Ent. Soc. **3**: 332. [Listed.]

- 1920 *Asiraca clavicornis* Jensen-Haarup, Danmarks Fauna :29. [Key.]  
 1922 *Asiraca clavicornis* Stichel, Int. Ent. Zeits. 16: 133. [Listed.]  
 1924 *Asiraca clavicornis* Brown, Ent. Monthly Mag. 60: 118 [Listed.]<sup>2</sup>  
 1924 *Delphax clavicornis* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 18. [Listed.]  
 1924 *Asiraca clavicornis* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 18. [Listed].  
 1925 *Asiraca clavicornis* Della Beffa, Boll. Soc. Ent. Italiana 57: 147. [Listed.]<sup>7</sup>  
 1925 *Asiraca clavicornis* Sherborn, Index Animalium 6: 1351. [Listed.] Equals *Delphax clavicornis* Fabr.  
 1926 *Asiraca clavicornis* Muir, Trans. Ent. Soc. London 1926: 377; Pl. 87, Figs. 1-3. [Described, illustrated, morphology of the aedeagus.]  
 1926 *Asiraca clavicornis* Rémy-Perrier, Homop. Fauna France 4: 92. [Key.]<sup>1</sup> :91; Fig. AC1 [Illustrated.]  
 1927 *Asiraca clavicornis* Kusnezov, Zool. Anz. 72: 261. [Listed.]<sup>4</sup>  
 1927 *Asiraca clavicornis* Perrier, Traité de Zoologie 3: 1319. [Listed.]  
 1927 *Asiraca clavicornis* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 142. [Listed.]  
 1928 *Asiraca clavicornis* Filipieff, Guide to Insects: 159. [Described.]  
 1928 *Asiraca clavicornis* Ivanov, Mém. Acad. Sci. Ukraine 6: 197. [Listed.]<sup>15</sup>  
 1928 *Asiraca clavicornis* Ivanov, Trav. Mus. Zool. 1928: 501. [Listed.]<sup>15</sup>  
 1929 *Asiraca clavicornis* Kusnezov, Zool. Anz. 79: 329. [Listed.]<sup>28</sup>  
 1929 *Asiraca clavicornis* Luigioni, Atti Pontifica Accad. Sci. Nuovi Lincei 82: 220. (22). [Listed.]<sup>7</sup>  
 1929 *Asiraca clavicornis* Lallemand, Mem. Est. Mus. Zool. Univ. Coimbra 39: 6. [Listed.]<sup>30</sup>  
 1930 *Asiraca clavicornis* de Seabra, Arqm. Secc. Biol. e Par. 1 (4): 351. [Notes.]<sup>30</sup>  
 1932 *Asiraca clavicornis* Enderlein, Fauna von Deutschland 1932: 192. [Listed.]<sup>5</sup>  
 1934 *Asiraca clavicornis* Silvestri, Compendio di entomologie applicata 1: 364; Fig. 331. [Notes, illustrated.]  
 1935 *Asiraca clavicornis* Rapp, Beiträge zur Fauna Thüringens 1: 50. [Listed.]<sup>5</sup>  
 1935 *Asiraca clavicornis* Haupt, Tierwelt Mitteleuropas 4 (3): 131; Fig. 210. [Key, illustrated.]<sup>9</sup>  
 1937 *Asiraca clavicornis* Kuntze, Arch. Nat. (n. f.) 6: 353. [Ecology.]<sup>5</sup>  
 1939 [*Asiraca clavicornis*] China, Ann. Mag. Nat. Hist. (11) 4: 584. Equals *Delphax clavicornis*.

### *clavicornis* var. *divisa* Rey

- 1891 *Asiraca clavicornis divisa* Rey, Rev. Ent. 10: 243. [n. var.]<sup>2</sup> Germany<sup>1</sup>  
 1894 *Asiraca clavicornis divisa* Rey, Échange 10: 14. [Described.]<sup>2</sup> France<sup>2</sup>  
 1899 *Asiraca clavicornis divisa* Puton, Cat. Hémip. Fauna Paléarctique 4 Ed. :106. [Listed.]  
 1904 *Asiraca clavicornis divisa* Hüeber, Syst. Verz. deutschen Zikadinen :268. [Listed.]<sup>1</sup>  
 1907 *Asiraca clavicornis divisa* Oshanin, Verz. Palaeark. Hemip. 2: 298. [Listed.]<sup>2</sup>  
 1912 *Asiraca clavicornis divisa* Oshanin, Kat. Paläark. Hemip. :117. [Listed.]<sup>2</sup>

*clavivornis*. Typographical error for *Asiraca clavicornis* Fabricius.

*crassicornis*. Typographical error for *Asiraca crassicornis* Fabricius. See *Aracopus crassicornis* Fabricius.

*crassicornis* Fabricius. See *Aracopus crassicornis* Fabricius.

*crassiornis*. Typographical error for *Asiraca crassicornis* Fabricius. See *Aracopus crassicornis* Fabricius.

*cylindricornis* Fabricius. See *Canyra cylindricornis* Fabricius

*davicornis*. Typographical error for *Asiraca clavicornis* Fabricius

*divisa* Rey (var.). See *Asiraca clavicornis* var. *divisa* Rey.

*dubia* Curtis. See *Aracopus pulchellus* Curtis.

*dubia* Panzer. See *Aracopus crassicornis* Fabricius.

*flavescens* Latreille. See *Delphacodes pellucida* Fabricius.



*Asiraca—Ostama*

**germari** nom. nov. for *Asiraca longicornis* Germar 1830 [nec *Asiraca longicornis* Latreille 1802.]

1830 *Asiraca longicornis* Germar, Thon Ent. Archiv. 2: 56. [n. sp.]<sup>1</sup> Brazil<sup>1</sup>

1850 *Araeopus longicornis* Schaum, Allg. Ench. Ersch und Gruber 51: 69. [Listed.]<sup>1</sup>  
Equals *Asiraca longicornis* Germ.

*grisea* Latreille. See *Araeopus crassicornis* Fabricius.

*hagamia* Amyot. See *Dicranotropis hamata* Boheman.

*insignicornis* Lethierry. See *Copicerus insignicornis* Lethierry.

*limbata* Fabricius. See *Conomelus anceps* Germar.

**longicornis** Latreille

1802 *Asiraca longicornis* Latreille, Hist. Nat. Ins. 3: 260. [n. sp.] Equals *Delphax longicornis* Latr.

1924 *Asiraca longicornis* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 18. [Listed.]

1927 *Asiraca longicornis* Sherborn, Index Animalium 14: 3645. [Listed.]

*longicornis* Germar [nec Latreille]. See *Asiraca germari* Metcalf.

*marginata* Fabricius. See *Delphacodes pellucida* Fabricius.

*minuta* Fabricius. See *Stenocranus minutus* Fabricius.

*naine*. Typographical error for *Asiraca minuta* Fabricius. See *Stenocranus minutus* Fabricius.

*opposita* Fabricius. See *Southia opposita* Fabricius. Family CIXIIDAE, Fascicle IV, Part 2.

*pellucida* Fabricius. See *Delphacodes pellucida* Fabricius.

*pteridetha* Amyot [non binom.] See *Stiroma pteridis* Spinola.

*pulchella* Curtis. See *Araeopus pulchellus* Curtis.

*retrahens* Walker. See *Canyra retrahens* Walker.

*revertens* Walker. See *Canyra revertens* Walker.

*setosa* Germar. See *Araeopus setosus* Germar.

*striata* Fabricius. See *Delphacodes pellucida* Fabricius.

*strieae*. Typographical error for *Asiraca striata* Fabricius. See *Delphacodes pellucida* Fabricius.

*strigulosa* Walker. See *Canyra strigulosa* Walker.

*vittata* Herklots. See *Araeopus pulchellus* Curtis.

*vittifrons* Walker. See *Canyra vittifrons* Walker.

## Genus OSTAMA Walker

Haplotype *Ostama juncta* [n. sp.] 1857 Walker, Jour. Linn. Soc. Zool. 1: 151.

Type *Ostama juncta* 1915 Muir, Canadian Ent. 47: 266.

*Ostama* 1857 Walker, Jour. Linn. Soc. Zool. 1: 151. [n. gen.]

1858 Walker, List Homop. British Mus. Suppl. :86. [Listed.]

1859 Dohrn, Cat. Hemip.: 62. [Listed.]

1873 Marschall, Nomenclator Zoologicus 1873: 375. [Listed.]

1882 Scudder, Nomenclator Zoologicus. Univ. Index: 225. [Listed.]

1915 Muir, Canadian Ent. 47: 212, 266. [Listed.] :268. [Key.]

1926 Muir, Jour. Malayan Branch Roy. Asiatic Soc. 4: 397. [Notes.]

1933 Schulze, Kükenthal and Heider, Nomenclator animalium 4 (17): 2407. [Listed.]

1940 Neave, Nomenclator Zoologicus 3: 482. [Listed.]

**juncta** Walker

1857 *Ostama juncta* Walker, Jour. Linn. Soc. Zool. 1: 151. [n. sp.]<sup>1</sup>

Borneo<sup>1</sup>

- 1858 *Ostama juncta* Walker, List Homop. British Mus. Suppl. :86. [Listed.]  
 1859 *Ostama juncta* Dohrn, Cat. Hemip. :62. [Listed.]  
 1926 *Ostama juncta* Muir, Jour. Malayan Branch Roy. Asiatic Soc. 4: 397. [Comparative note.]

**junctissima** Muir

- 1926 *Ostama junctissima* Muir, Jour. Malayan Branch Roy. Asiatic Soc. 4: 397; figs. 5, 6 [n. sp., illustrated.]<sup>1</sup> Mentawi Island<sup>1</sup>  
 (East Indies)

Genus **COPICERUS** Swartz

- Haplotype *Copicerus irroratus* [n. sp.] 1802 Swartz, Nya Handl. Svenska Vet. Akad. 23: 177.  
 Type *Copicerus irroratus* 1900 Kirkaldy, Entomologist 33: 263.  
 Type *Copicerus irroratus* 1914 Crawford, Mon. Delphacidae :564.  
 Type *Copicerus irroratus* 1915 Muir, Canadian Ent. 47: 262.  
 Haplotype *Copicerus irroratus* 1916 Van Duzee, Check List Hemip. America :83.  
 Haplotype *Copicerus irroratus* 1917 Van Duzee, Cat. Hemip. America :762.  
 Type *Copicerus irroratus* 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 235.

[*Holotus* Guérin-Ménéville]

- [Haplotype *Holotus thoracicus* [n. sp.] 1856 Guérin-Ménéville, Sagra Hist. Cuba Spanish Ed. 7: 180.]  
 [Type *Holotus thoracicus* 1915 Muir, Canadian Ent. 47: 264.]

[*Jerala* Walker]

- [Haplotype *Jerala singula* [s. sp.] 1858 Walker, List Homop. British Mus. Suppl. :85]  
 [Type *Jerala singula* 1915 Muir, Canadian Ent. 47: 264.]  
*Copicerus* 1802 Swartz, Nya Handl. Svenska Vet. Akad. 23: 177. [gen. n.]  
*Holotus* 1856 Guérin-Ménéville, Sagra Hist. Cuba Spanish Ed. 7: 180. [gen. n.]  
 1857 Guérin-Ménéville, Sagra Hist. Cuba French Ed.: 429. [Described.]  
*Copicerus* 1857 Stål, Öfv. Svenska Vet. Akad. Förh. 14: 53. [Notes.]  
 1857 Stål, Ann. Soc. Ent. France (3) 5: 337. [Described.]  
*Jerala* 1858 Walker, List Homop. British Mus. Suppl. :85. [gen. n.]  
*Copicerus* 1859 Dohrn, Cat. Hemip. :62. [Listed.]  
 1863 Gerstaecker, Peters, Carus and Gerstaecker Handb. der Zoologie 2: 301. [Listed.]  
 1866 Stål, Hemip. Africana 4: 175. [Key.] Equals *Holotus* Guér.-Mén. Equals *Jerala* Walk.  
 1867 Dallas, Zool. Rec. 3: 559. Equals *Holotus* Guér.-Mén. Equals *Jerala* [sic] Walk.  
*Holotus* 1873 Marschall, Nomenclator Zoologicus 1873: 366. [Listed.]  
*Jeralia* [sic] 1882 Scudder, Nomenclator Zoologicus Univ. Index: 163. [Listed.]  
 1873 Marschall, Nomenclator Zoologicus 1873: 368. [Listed.]

*Copicerus*

- Holotus* 1882 Scudder, Nomenclator Zoologicus Univ. Index :151. [Listed.]  
*Copicerus* 1889 Ashmead, Ent. Americana 5: 25. [Key.]  
 1897 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 227, 230. [Listed.] Equals *Jeralia* [sic] Walk. Equals *Holotus* [sic] Guér.-Mén. :228. [Key.]  
 1900 Kirkaldy, Entomologist 33: 263. [Listed.]  
*Jerala* 1902 Waterhouse, Index Zool :186. [Listed.]  
*Copicerus* 1904 Swezey, Prelim. Cat. Fulgoridae North America 1904: 31. [Listed.] Equals *Jeralia* [sic] Walk. Equals *Holotus* [sic] Guér.-Mén.  
 1905 Fowler, Biologia Centrali-Americana 1: 130. [Key, notes.] Equals *Jerala* Walk. Equals *Holotus* Guér.-Mén. :137. [Comparative note.]  
 1914 Crawford, Mon. Delphacidae :564. [Described.] Equals *Jeralia* [sic] Guér.-Mén. Equals *Holotus* [sic] Walk. :562. [Key.]  
 1915 Muir, Canadian Ent. 47: 262 [Listed.] Equals *Jerala* Walk. Equals *Holotus* Guér.-Mén. :268. [Key.] :212. [Listed.]  
*Holotus* 1915 Muir, Canadian Ent. 47: 264. To *Copicerus* Swartz.  
*Jerala* 1915 Muir, Canadian Ent. 47: 264. To *Copicerus* Swartz.  
*Copicerus* 1916 Van Duzee, Check List Hemip. America. :83. [Listed.] Equals *Jerala* Walk. Equals *Holotus* [sic] Guér.-Mén.  
 1917 Cockerell, Ann. Ent. Soc. America 10: 329. [Comparative note.]  
 1917 Muir, Proc. Hawaiian Ent. Soc. 3: 316. [Notes.]  
 1917 Van Duzee, Cat. Hemip. America :762. [Listed.] Equals *Jerala* Walk Equals *Holotus* Guér.-Mén.  
 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 4. [Key.]  
 1925 Bondar, Mol. In. Cacaoeiro Brazil: 47; Fig. 29-1. [Notes, illustrated.]  
 1925 Sherborn, Index Animalium 7: 1509. [Listed.]  
 1926 Gowdey, Bull. Dept. Agr. Jamaica Ent. 4: 40. [Listed.]  
 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 3. [Listed.]  
 1927 Schulze, Kükenthal and Heider, Nomenclator Animalium 2 (7): 784. [Listed.]  
*Holotus* 1930 Schulze, Kükenthal and Heider, Nomenclator Animalium 3 (12): 1578. [Listed.]  
*Jerala* 1930 Schulze, Kükenthal and Heider, Nomenclator Animalium 3 (13): 1711. [Listed.]  
*Jeralia* [sic] 1930 Schulze, Kükenthal and Heider, Nomenclator Animalium 3 (13): 1711. [Listed.] To *Jerala* Walk.  
*Copicerus* 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 234. [Key.] :235. [Listed.]  
 1938 Osborn, Bull. Ohio Biol. Surv. 6: 330. [Key, notes.]  
 1939 Bondar, Bol. Tech. Inst. Cacao Bahia 5: 30; Fig. 13-1. [Economics, illustrated.]  
 1939 Neave, Nomenclator Zoologicus 1: 827. [Listed.]  
*Holotus* 1939 Neave, Nomenclator Zoologicus 2: 678. [Listed.]  
*Jerala* 1939 Neave, Nomenclator Zoologicus 2: 809. [Listed.]

**insignicornis** Lethierry

- 1890 *Asiraca insignicornis* Lethierry, Ann. Soc. Ent. France (6) 10: Venezuela<sup>1</sup> 150. [n. sp.]<sup>1</sup>  
 1914 *Copicerus insignicornis* Crawford, Mon. Delphacidae :565. [Notes.]<sup>1</sup> Equals *Asiraca insignicornis* Leth.  
 1926 *Asiraca insignicornis* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 37. [Listed.]

*irocatus*. Typographical error for *Copicerus irroratus* Swartz.

*irocatus*. Topographical error for *Copicerus irroratus* Swartz.

**irroratus** Swartz

- 1802 *Copicerus irroratus* Swartz, Nya Handl. Svenska Vet. Akad. 23: Jamaica<sup>1</sup> 181; Pl. 6, Figs. 2a-f. [n. sp., illustrated.]<sup>1</sup> San Domingo<sup>2</sup>

*Copicerus*

- 1857 *Copicerus irroratus* Stål, Öfv. Svenska Vet. Akad. Forh. **14**: 53. [Described.]<sup>1</sup> Mississippi<sup>3</sup>  
Mexico<sup>4</sup>
- 1857 *Copicerus irroratus* Stål, Ann. Soc. Ent. France (3) **5**: 338. [Described.]<sup>1</sup> Guatemala<sup>5</sup>  
Panama<sup>6</sup>
- 1858 *Jerala singula* Walker, List Homop. British Mus. Suppl. :85. [n. sp.]<sup>2</sup> Cuba<sup>7</sup>  
Haiti<sup>8</sup>
- 1859 *Copicerus irroratus* Dohrn, Cat. Hemip. :62. [Listed.]<sup>1</sup> Florida<sup>9</sup>
- 1862 *Copicerus irroratus* Stål, Öfv. Svenska Vet. Akad. Förh. **19**: 488. Equals *Jerala singula* Walk. British Honduras<sup>10</sup>
- 1897 *Copicerus irroratus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 230. [Described.]<sup>3</sup> Equals *Jeralia* [sic] *singula* Walk. :227. [Listed.] Nicaragua<sup>11</sup>  
Missouri<sup>12</sup>
- 1904 *Copicerus irroratus* Swezey, Prelim. Cat. Fulgoridae North America **1904**: 31. [Listed.]<sup>3</sup> Equals *Jeralia* [sic] *singula* Walk. Southern States<sup>13</sup>
- 1905 *Copicerus irroratus* Fowler, Biologia Centrali-Americana **1**: 130; Pl. 13, Figs. 1, 1a, 2, 2a. [Genitalia described, illustrated.]<sup>2,4,5,6,7,8</sup> Ecuador<sup>14</sup>  
West Indies<sup>15</sup>  
Equals *Copicerus irrocatu* [sic] Swartz. Equals *Holotus thoracicus* Guér.-Mén. Equals *Jerala singula* Walk. Central America<sup>16</sup>
- 1907 *Copicerus irroratus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **8**: 43. [Notes.]<sup>1</sup> Puerto Rico<sup>17</sup>  
Ohio<sup>18</sup>
- 1914 *Copicerus* [sic] *irroratus* Barber, Bull. American Mus. Nat. Hist. **33**: 528. [Listed.]<sup>9</sup> Texas<sup>19</sup>
- 1914 *Copicerus irroratus* Crawford, Mon. Delphacidae :564; Pl. 44, Figs. A-F, H-K. [Described, illustrated.]<sup>1,4,10,11,12</sup> Equals *Jeralia* [sic] *singula* Walk. Costa Rica<sup>20</sup>  
Venezuela<sup>21</sup>  
Equals *Copicerus swartzii* Stål. [error.]
- 1916 *Copicerus irroratus* Van Duzee, Check List Hemip. America :83. [Listed.]<sup>13</sup> Equals *Copicerus thoracicus* Guér.-Mén. Equals *Copicerus singula* Walk.
- 1917 *Copicerus irroratus* Van Duzee, Cat. Hemip. America :762. [Listed.]<sup>9,15</sup> Equals *Holotus thoracicus* Guér.-Mén. Equals *Copicerus irocatu* [sic] Swartz. Equals *Jerala singula* Walk.
- 1921 *Copicerus irroratus* Osborn, Florida Ent. **5**: 17. [Listed.]<sup>9</sup>
- 1923 *Copicerus irroratus* Metcalf, Jour. Elisha Mitchell Soc. **38**: 166; Pl. 62, Fig. 488; Pl. 65, Fig. 541; Pl. 68, Fig. 626; Pl. 45, Fig. 96; Pl. 58, Figs. 374, 375. [Key, illustrated.]
- 1926 *Copicerus irroratus* Gowdey, Bull. Dept. Agr. Jamaica Ent. **4**: 40. [Listed.]<sup>1</sup> Equals *Copicerus irocatu* [sic] Swartz.
- 1926 *Copicerus irroratus* Osborn, Ann. Ent. Soc. America **19**: 357. [Notes.]<sup>7</sup>
- 1926 *Copicerus irroratus* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 3. [Listed.]<sup>14</sup>
- 1926 *Copicerus irroratus* Muir, Trans. Ent. Soc. London **1926**: 377. [Morphology of the aedeagus.]
- 1927 *Copicerus irroratus* Sherborn, Index Animalium **13**: 3252. [Listed.]
- 1928 *Copicerus irroratus* Myers, Studies on Cuban Insects **1**: 22. [Note.]<sup>7</sup>
- 1929 *Copicerus irroratus* Osborn, Jour. Dept. Agr. Porto Rico **13**: 110. [Notes.]<sup>4,5,6,11,15,16,17</sup>
- 1932 *Copicerus irroratus* Dozier, Jour. Dept. Agr. Puerto Rico **16**: 84. [Parasites.]<sup>8</sup>
- 1935 *Copicerus irroratus* Osborn, Sci. Surv. Porto Rico and Virgin Islands **14**: 235; Fig. 62. [Described, illustrated.]<sup>17</sup>
- 1936 *Copicerus irroratus* Ballou, Bol. Cent. Nac. Agr. **20**: 46. [Food plants.]<sup>20</sup>
- 1936 *Copicerus irroratus* Ballou, Bull. Ins. Pest Surv. **16**: 472. [Food plants.]<sup>20</sup>
- 1936 *Copicerus irroratus* Wolcott, Jour. Agr. Univ. Puerto Rico **20**: 106. [Listed.]<sup>17</sup>
- 1938 *Copicerus irroratus* Osborn, Bull. Ohio Biol. Surv. **6**: 330; Fig. 34. [Notes, illustrated.]<sup>9,15,16,18,19</sup>
- 1939 *Copicerus irroratus* Martorell, Jour. Agr. Univ. Puerto Rico **23**: 192. [Listed.]<sup>21</sup>

*irroratus* var. *thoracicus* Guérin-Ménéville

- 1856 *Holotus thoracicus* Guérin-Ménéville, Sagra Hist. Cuba Spanish Cuba<sup>1</sup>  
Ed. 7: 180; Pl. 13, Fig. 17. [n. sp., illustrated.]<sup>1</sup> Jamaica<sup>2</sup>
- 1857 *Holotus thoracicus* Guérin-Ménéville, Sagra Hist. Cuba French Ed. :430; Pl. 13, Fig. 17. [Described, illustrated.]<sup>1</sup>



*Copicerus*—*Idiosemus*

- 1892 *Copicerus thoracicus* Johnson and Fox, Ent. News 3: 60. [Listed.]<sup>p</sup>  
 1905 *Holotus thoracicus* Fowler, Biologia Centrali-Americana 1: 130. To *Copicerus irroratus*  
 1910 *Copicerus* [sic] *thoracicus* Valdes Ragues, An. Acad. Cien. Habana 46: 442. [Listed.]<sup>l</sup>  
 1914 *Copicerus irroratus thoracicus* Crawford, Mon. Delphacidae :565 [Described.]<sup>l</sup> Equals  
*Copicerus thoracicus* Guér.-Mén.  
 1914 *Copicerus* [sic] *thoracicus* Valdes Ragues, Zool. Mus. Cubano "Gundlach" Cat.  
 Gen. 1914: 103. [Listed.]<sup>l</sup>  
 1916 *Copicerus thoracicus* Van Duzee, Check List. Hemip. America :83. To *Copicerus ir-*  
*roratus* Swartz.  
 1917 *Holotus thoracicus* Van Duzee, Cat. Hemp. America :762. To *Copicerus irroratus*  
 Swartz.

**obscurus** Guérin-Ménéville

- 1856 *Holotus obscurus* Guérin-Ménéville, Sagra Hist. Cuba Spanish Ed. Brazil<sup>l</sup>.  
 Ed. 7: 181; Pl. 13, Fig. 18 [n. sp., illustrated.]<sup>l</sup>  
 1857 *Holotus obscurus* Guérin-Ménéville, Sagra Hist. Cuba French Ed. :430; Pl. 13, Fig.  
 18. [Described, illustrated.]<sup>l</sup>  
 1926 *Copicerus obscurus* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 37. [Listed.] Equals  
*Helotus* [sic] *obscurus* Guér.-Mén.

*singulus* Walker. See *Copicerus irroratus* Swartz.

**swartzi** Stål

- 1857 *Copicerus swartzi* Stål, Öfv. Svenska Vet. Akad. Förh. 14: 53. Brazil<sup>l</sup>  
 [n. sp.]<sup>l</sup>  
 1857 *Copicerus swartzii* Stål, Ann. Soc. Ent. France (3) 5: 338; pl. 12, fig. 2. [Described,  
 illustrated.]<sup>l</sup>  
 1859 *Copicerus swarzi* [sic] Dohrn, Cat. Hemip. :62 [Listed.]<sup>l</sup>  
 1914 *Copicerus swartzii* Crawford, Mon. Delphacidae :564. To *Copicerus irroratus* Swartz  
 [error].  
 1926 *Copicerus swartzii* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 37. [Listed.] Equals  
*Helotus* [sic] *swartzii* Guér.-Mén.

*swarzi*. Typographical error for *Copicerus swartzi* Stål.

*thoracicus* Guérin-Ménéville (var.). See *Copicerus irroratus* var. *thoracicus* Guérin-Ménéville.

Genus **IDIOSEMUS** Berg

Haplotype *Liburnia xiphias* 1883 Berg, An. Soc. Cient. Argentina  
 16: 234.

Haplotype *Liburnia xiphias* 1884 Berg, Add. Hemip. Argentina :139.

Type *Idiosemus xiphias* 1914 Crawford, Mon. Delphacidae :633.

Type *Idiosemus xiphias* 1915 Muir, Canadian Ent. 47: 264.

- Idiosemus* 1883 Berg, An. Soc. Cient. Argentina 16: 233. [gen. n.]  
 1884 Berg, Add. Hemip. Argentina :139. [gen. n.]  
 1902 Waterhouse, Index Zool. :181. [Listed.]  
 1914 Crawford, Mon. Delphacidae :633. [Described.]  
 1915 Muir, Canadian Ent. 47: 212, 264. [Listed.] :268. [Key.]  
 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 4. [Key, note.] :6.  
 [Notes.]  
 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 4. (Comparative note.)  
 1930 Schulze, Kükenthal and Heider, Nomenclator animalium 3 (3): 1665.  
 [Listed.]  
 1939 Neave, Nomenclator Zoologicus 2: 763. [Listed.]

**xiphias** Berg

- 1879 *Liburnia xiphias* Berg, An. Soc. Cient. Argentina 3: 190. [n. sp.]<sup>1,2</sup> Argentina<sup>1</sup>  
 1879 *Liburnia xiphias* Berg, Hemip. Argentina :225. [n. sp.]<sup>1,2</sup> Uruguay<sup>2</sup>  
 1883 *Idiosemus xiphias* Berg, An. Soc. Cient. Argentina 16: 234. [Listed.]<sup>1</sup> Equals  
*Liburnia xiphias* Berg.  
 1884 *Idiosemus xiphias* Berg. Add. Hemip. Argentina: 140. [Notes.]<sup>1,2</sup> Equals *Liburnia*  
*xiphias* Berg.  
 1914 *Idiosemus xiphias* Crawford, Mon. Delphacidae :633 [Notes.]<sup>1,2</sup>  
 1926 *Idiosemus xiphias* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 37. [Listed.] Equals  
*Liburnia xiphias* Berg.

Genus **PUNANA** Muir

Orthotype *Punana brunnea* [n. sp.] 1913 Muir, Proc. Hawaiian Ent. Soc. 2: 249.

Type *Punana brunnea* 1915 Muir, Canadian Ent. 47: 266.

[*Onkelos* Distant]

[Orthotype *Onkelos annulatus* [n. sp.] 1916 Distant, Fauna British India 6: 137.]

- Punana* 1913 Muir, Proc. Hawaiian Ent. Soc. 2: 249. [gen. n.]  
 1915 Muir, Canadian Ent. 47: 212, 266. [Listed.] :268. [Key.]  
 1916 Muir, Philippine Jour. Soc. 11: 371. [Notes.]  
*Onkelos* 1916 Distant, Fauna British India 6: 137. [gen. n.]  
 1918 Muir, Proc. Hawaiian Ent. Soc. 3: 426. [Comparative-note.]  
*Punana* 1918 Muir, Proc. Hawaiian Ent. Soc. 3: 425. [Listed.]  
 1919 Muir, Canadian Ent. 51: 6. Equals *Onkelos* Dist.  
 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 4. [Key.]  
 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 4. [Listed.]  
*Onkelos* 1933 Schulze, Kükenthal and Heider, Nomenclator animalium 4 (17): 2346.  
 [Listed.]  
 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 238. [Comparative  
 note.]  
*Punana* 1935 Schulze, Kükenthal and Heider, Nomenclator animalium 4 (21): 2967.  
 [Listed.]  
 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 234. [Key.] :238.  
 [Listed.]  
*Onkelos* 1940 Neave, Nomenclator Zoologicus 3: 422. [Listed.]  
*Punana* 1940 Neave, Nomenclator Zoologicus 3: 1045. [Listed.]

**annulata** Distant

1916 *Onkelos annulatus* Distant, Fauna British India 6: 137; Fig. 98 India<sup>1</sup>  
 [n.sp., illustrated.]<sup>1</sup>

**breviceps** Muir

- 1926 *Punana breviceps* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 4; Pl. Ecuador<sup>1</sup>  
 1, Fig. 1. [n. sp., illustrated.]<sup>1</sup>  
 1930 *Punana breviceps* Muir, Ent. Tidskr. 51: 210. [Comparative notes.]

**brunnea** Muir

1913 *Punana brunnea* Muir, Proc. Hawaiian Ent. Soc. 2: 250. [n. sp.]<sup>1</sup> Borneo<sup>1</sup>



*Punana*—*Canyra***negrosensis** Muir

- 1916 *Punana negrosensis* Muir, Philippine Jour. Sci. 11: 371 [n. sp.]<sup>1</sup> Negros<sup>1</sup>  
(Phillipine  
Islands)

**philippina** Muir

- 1916 *Punana philippina* Muir, Philippine Jour. Sci. 11: 371. [n. sp.]<sup>1</sup> Luzon<sup>1</sup>

**puertoricensis** Muir

- 1918 *Punana puertoricensis* Muir, Proc. Hawaiian Ent. Soc. 3: 425. Puerto Rico<sup>1</sup>  
[n. sp.]<sup>1</sup>  
1935 *Punana puertoricensis* Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 238.  
[Described.]<sup>1</sup>  
1936 *Punana puertoricensis* Wolcott, Jour. Agr. Univ. Puerto Rico 20: 106. [Listed.]<sup>1</sup>

Genus **CANYRA** Stål

Logotype *Delphax placida* 1915 Muir, Canadian Ent. 47: 262.

- Canyra 1862 Stål, Handl. Svenska Vet. Akad. 3 (6): 7. (gen. n.)  
1866 Stål, Hemip. Africana 4: 175. [Key.]  
1869 Stål, Hemip. Fabriciana 2: 95. [Listed.]  
1873 Marschall, Nomenclator Zoologicus 1873: 357. [Listed.]  
1882 Scudder, Nomenclator Zoologicus. Univ. Index :53. [Listed.]  
1889 Ashmead, Ent. Amer. 5: 26. [Key.]  
1915 Muir, Canadian Ent. 47: 268. [Key.] :212, 262. [Listed.]  
1919 Muir, Canadian Ent. 51: 6. [Listed.]  
1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 4. [Key.]  
1925 Muir, Ent. Monthly Mag. 61: 222. [Comparative note.]  
1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 3. [Notes.]  
1927 Schulze, Kükenthal and Heider, Nomenclator animalium 2 (6): 539. [Listed.]  
1930 Muir, Ent. Tidskr. 51: 207. [Comparative note.]  
1931 Muir, Rec. Australian Mus. 18: 69. [Comparative note.]  
1930 Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 235. [Comparative  
note.]  
1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. 82: 298, 299. [Comparative  
notes.]  
1939 Neave, Nomenclator Zoologicus 1: 574. [Listed.]

**cylindricornis** Fabricius

- 1803 *Delphax cylindricornis* Fabricius, Systema Rhyng. :83. [n. sp.]<sup>1</sup> South America<sup>1</sup>  
1807 *Asiraca cylindricornis* Latreille, Genera Crust. et Ins. 3: 168. [Listed.] Equals  
*Delphax cylindricornis* Fabr.  
1830 *Asiraca cylindricornis* Germar, Thon Ent. Archiv 2: 56. [Described.]<sup>1</sup> Equals  
*Delphax cylindricornis* Fabr.  
1833 *Asiraca cylindricornis* Germar, Rev. Ent. Silbermann 1: 176. [Listed.] Equals  
*Delphax cylindricornis* Fabr.  
1839 *Asiraca cylindricornis* Spinola, Ann. Soc. Ent. France 8: 337. [Note.] Equals *Delphax*  
*cylindricornis* Fabr. :140. [Listed.]  
1850 *Aræopus cylindricornis* Schaum, Allg. Encykl. Ersch und Gruber 51: 69. [Listed.]<sup>1</sup>  
Equals *Delphax cylindricornis* Fabr. Equals *Asiraca cylindricornis* Germ.  
1851 *Aræopus* [sic](?) *cylindricornis* Walker, List Homop. British Mus. 2: 360, [Listed.]<sup>1</sup>  
Equals *Delphax cylindricornis* Fabr. Equals *Asiraca cylindricornis* Latr.  
1859 *Aræophus* [sic](?) *cylindricornis* Dohrn, Cat. Hemip. :62. [Listed.]<sup>1</sup>  
1869 *Canyra cylindricornis* Stål, Hemip. Fabriciana 2: 95. [Described.]<sup>1</sup> Equals *Asiraca*  
*cylindricornis* Germ. Equals *Delphax cylindricornis* Fabr.

- 1915 *Canyra cylindricornis* Bergroth, Canadian Ent. 47: 216. [Listed.] Equals *Delphax cylindricornis* Fabr.  
 1924 *Delphax cylindricornis* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 18. [Listed.]  
 1925 *Asiraca cylindricornis* Sherborn, Index Animalium 7: 1746. [Listed.] Equals *Delphax cylindricornis* Fabr.  
 1925 *Delphax cylindricornis* Sherborn, Index Animalium 7: 1746. [Listed.]  
 1926 *Canyra cylindricornis* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 37. [Listed.] Equals *Asiraca cylindricornis* Fabr. Equals *Delphax cylindricornis* Fabr.

**obscuripennis Stål**

- 1854 *Delphax obscuripennis* Stål, Öfv. Svenska Vet. Akad. Förh. 11: 245. Brazil<sup>1</sup> [n. sp.]<sup>1</sup>  
 1859 *Delphax obscuripennis* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup>  
 1862 [*Canyra obscuripennis*] Stål, Handl. Svenska Vet. Akad. 3 (6): 7. Equals *Delphax obscuripennis* Stål.  
 1926 *Canyra obscuripennis* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 37. [Listed.] Equals *Delphax obscuripennis* Stål.

**placida Stål**

- 1854 *Delphax placida* Stål, Öfv. Svenska Vet. Akad. Förh. 11: 245. Brazil<sup>1</sup> [n. sp.]<sup>1</sup>  
 1859 *Delphax placida* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup>  
 1862 *Canyra placida* Stål, Handl. Svenska Vet. Akad. 3 (6): 7. [Described.]<sup>1</sup> Equals *Delphax placida* Stål.  
 1869 *Canyra placidae* [sic] Stål, Hemip. Fabriciana 2: 95. [Comparative note.]  
 1926 *Canyra placida* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 37. [Listed.] Equals *Delphax placida* Stål.  
 1932 *Canyra* [sic] *placida* Schmidt, Stett, Ent. Zeit. 93: 57. [Listed.]<sup>1</sup>

**retrahens Walker**

- 1858 *Asiraca retrahens* Walker, List. Homop. British Mus. Add. :327. Brazil<sup>1</sup> [n. sp.]<sup>1</sup>  
 1862 *Asiraca retrahens* Stål, Öfv. Svenska Vet. Akad. Förh. 19: 488. To *Canyra* [*strigulosa* Walk.] [error.]  
 1919 *Canyra retrahens* Muir, Canadian Ent. 51: 6. [Listed.]

**revertens Walker**

- 1858 *Asiraca revertens* Walker, List Homop. British Mus. Suppl. :327. Brazil<sup>1</sup> [n. sp.]<sup>1</sup>  
 1862 *Canyra revertens* Stål, Öfv. Svenska. Vet. Akad. Förh. 19: 488 Equals *Asiraca revertens* Walk.  
 1919 *Canyra revertens* Muir, Canadian Ent. 51: 6. [Listed.]

**strigulosa Walker**

- 1858 *Asiraca strigulosa* Walker, List Homop. British Mus. Suppl. :84. Brazil<sup>1</sup> [n. sp.]<sup>1</sup>  
 1862 *Canyra* [*strigulosa*] Stål, Öfv. Svenska Vet. Akad. Förh. 19: 488. Equals *Asiraca strigulosa* Walk. Equals *Asiraca retrahens* Walk. [error.]  
 1919 *Canyra strigulosa* Muir, Canadian Ent. 51: 6. [Listed.]

**tenensis Muir**

- 1926 *Canyra tenensis* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 3. [n. sp.]<sup>1</sup> Ecuador<sup>1</sup>

*Canyra—Epibidis—Perimececera***vittifrons** Walker

- 1858 *Asiraca vittifrons* Walker, Insecta Saundersiana :44. [n. sp.]<sup>1</sup> Locality unknown<sup>1</sup>  
 1919 *Canyra vittifrons* Muir, Canadian Ent. 51: 6. [Listed.]

Genus **EPIBIDIS** Fowler

Logotype **Epibidis godmani** 1914 Crawford, Mon. Delphacidae :569.

Type *Epibidis goodmani* [sic] 1915 Muir, Canadian Ent. 47 :263.

- Epibidis* 1905 Fowler, Biologia Centrali-Americana 1: 131. [gen. n.] :130. [Key.]  
 1912 Waterhouse, Index Zool. 2: 96. [Listed.]  
 1914 Crawford, Mon. Delphacidae :569. [Described.] :562. [Key.]  
 1915 Muir, Canadian Ent. 47: 212, 263. [Listed.] :269. [Key.]  
 1919 Muir, Canadian Ent. 51: 6. [Notes.]  
 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 4. [Note.]  
 1929 Schulze, Kükenthal and Heider, Nomenclator animalium 2 (10): 1165.  
 [Listed.]
- Epibidis* [sic] 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 235. [Comparative note.]
- Epibidis* 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 237. [Comparative note.]  
 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. 82: 298, 299. [Comparative notes.]  
 1939 Neave, Nomenclator Zoologicus 2: 259. [Listed.]

**brunnea** Fowler

- 1905 *Epibidis brunnea* Fowler, Biologia Centrali-Americana 1: 132; Pl. Panama<sup>1</sup>  
 13, Figs. 6, 6a. [n. sp., illustrated.]<sup>1</sup>  
 1914 *Epibidis brunnea* Crawford, Mon. Delphacidae :570. [Listed.]<sup>1</sup>

**godmani** Fowler

- 1905 *Epibidis godmani* Fowler, Biologia Centrali-Americana 1: 131; Pl. Panama<sup>1</sup>  
 13, Figs. 3, 3a, 3b, 4, 5. [n. sp., illustrated.]<sup>1</sup> Costa Rica<sup>2</sup>  
 1914 *Epibidis godmani* Crawford, Mon. Delphacidae :570. [Listed.]<sup>1</sup>  
 1935 *Epibidis godmani* Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 237. [Comparative note.]  
 1936 *Epibidis godmani* Ballou, Bull. Ins. Pest Surv. 16: 473. [Food plants.]<sup>2</sup>  
*godmani* Typographical error for *Epibidis godmani* Fowler.

Genus **PERIMECECERA** Muir

Orthotype *Perimececer* [sic] *giffardi* [n. sp.] 1913 Muir, Proc. Hawaiian Ent. Soc. 2: 250.

Type *Perimececera giffardi* 1915 Muir, Canadian Ent. 47: 266.

- Perimececer* [sic] 1913 Muir, Proc. Hawaiian Ent. Soc. 2: 250. [gen. n.]  
*Perimececera* 1915 Muir, Canadian Ent. 47: 212, 266. [Listed.] :268. [Key.]  
 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 3. [Listed.]  
*Perimecer* [sic] 1934 Schulze, Kükenthal and Heider, Nomenclator animalium 4 (19):  
 2584. [Listed.]  
 1940 Neave, Nomenclator Zoologicus 3: 663. [Listed.]

**giffardi** Muir

- 1913 *Perimececer* [sic] *giffardi* Muir, Proc. Hawaiian Ent. Soc. 2: 251; Ceram<sup>1</sup>  
 Pl. 6, Fig. 13. [n. sp., illustrated.]<sup>1</sup>

Genus **MELANESIA** Kirkaldy

Haplotype *Melanesia pacifica* [n. sp.] 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 128.

Type *Melanesia pacifica*, 1915 Muir, Canadian Ent. **47**: 265.

- Melanesia* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 128. [gen. n.] :124. [Morphology.] :126. [Key.] :12. [Listed.]  
 1912 Waterhouse, Index Zool. **2**: 169. [Listed.]  
 1913 Muir, Proc. Hawaiian Ent. Soc. **2**: 252. [Listed.] :250. [Comparative note.]  
 1915 Muir, Canadian Ent. **47**: 269. [Key.] :212, 265. [Listed.]  
 1916 Muir, Philippine Jour. Sci. **11**: 369. [Listed.]  
 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 3. [Listed.]  
 1931 Schulze, Kükenthal and Heider, Nomenclator animalium **3** (15): 2013. [Listed.]  
 1940 Neave, Nomenclator Zoologicus **3**: 85. [Listed.]

**borneoensis** Muir

1913 *Melanesia borneoensis* Muir, Proc. Hawaiian Ent. Soc. **2**: 252. [n. sp.]<sup>1</sup> Borneo<sup>1</sup>

**brevipennis** Muir

1916 *Melanesia brevipennis* Muir, Philippine Jour. Sci. **11**: 370. [n. sp.]<sup>1</sup> Philippine Islands<sup>1</sup>

**granulata** Melichar

1914 *Ugyops granulatus* Melichar, Philippine Jour. Sci. **9**: 175. [n. sp.]<sup>1</sup> Philippine Islands<sup>1</sup>  
 1916 *Melanesia granulata* Muir, Philippine Jour. Sci. **11**: 369. [Notes.]<sup>1</sup>  
 Equals *Ugyops granulatus* Mel.

**luzonensis** Muir

1916 *Melanesia luzonensis* Muir, Philippine Jour. Sci. **11**: 370. [n. sp.]<sup>1</sup> Luzon<sup>1</sup>

**pacifica** Kirkaldy

1907 *Melanesia pacifica* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 129; Pl. 17, Figs. 13, 14. [n.sp., illustrated.]<sup>1</sup> :12. [Listed.] Fiji<sup>1</sup>

**pacifica** var. **strigata** Kirkaldy

1907 *Melanesia pacifica strigata* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 129. [n. var.]<sup>1</sup> :12 [Listed.] Fiji<sup>1</sup>

*strigata* Kirkaldy (var.). See *Melanesia pacifica* var. *strigata* Kirkaldy.

Genus **EUCANYRA** Crawford

Orthotype *Eucanyra stigmata* [n. sp.], 1914 Crawford, Mon. Delphacidae :569.

Type *Eucanyra stigmata*, 1915 Muir, Canadian Ent. **47**: 263.

Orthotype *Eucanyra stigmata* 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 298.

*Eucanyra* 1914 Crawford, Mon. Delphacidae :568. [gen. n.] :562. [Key.] :569. [Comparative note.]

*Eucanyra*—*Consualia*—*Tetrasteira*

- 1915 Muir, Canadian Ent. **47**: 269. [Key.] :212, 263. [Listed.]  
 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 4. [Key.]  
 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 3. [Listed.]  
 1929 Schulze, Kükenthal and Heider, Nomenclator animalium **2** (10): 1212.  
 [Listed.]  
 1930 Muir, Ent. Tidskr. **51**: 207. [Comparative note.]  
 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 298. [Described.]  
 1939 Neave, Nomenclator Zoologicus **2**: 307. [Listed.]

**lalokensis** Muir

- 1913 *Ugyops lalokensis* Muir, Proc. Hawaiian Ent. Soc. **2**: 252 [n. sp.]<sup>1</sup> Papua<sup>1</sup>  
 1924 *Eucanyra lalokensis* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 4. Equals *Ugyops lalokensis* Muir. (New Guinea)  
 1925 *Eucanyra lalokensis* Muir, Ent. Monthly Mag. **61**: 222. [Comparative note.] Equals  
*Ugyops lalokensis* Muir.

**romani** Muir

- 1930 *Eucanyra romani* Muir, Ent. Tidskr. **51**: 207; Fig. 1. [n. sp., il- Amazons  
 lustrated.]<sup>1</sup> :208. [Comparative note.] (Brazil)<sup>1</sup>

**stigmata** Crawford

- 1914 *Eucanyra stigmata* Crawford, Mon. Delphacidae :569; Pl. 44, British  
 Figs. G. N. R. S. [n. sp., illustrated.]<sup>1</sup> Honduras<sup>1</sup>  
 1938 *Eucanyra stigmata* Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. Canal Zone<sup>2</sup>  
**82**: 299; Pls. I, IV, XVII. [Described, illustrated.]<sup>2</sup>

**taracuae** Muir

- 1930 *Eucanyra taracuae* Muir, Ent. Tidskr. **51**: 208; Fig. 2 [n. sp., il- Amazons  
 lustrated.]<sup>1</sup> (Brazil)<sup>1</sup>

Genus **CONSUALIA** Distant

Haplotype *Consualia robusta* [n. sp.] 1917 Distant, Trans. Linn. Soc.  
 London Zool. **17**: 304.

- Consualia* 1917 Distant, Trans. Linn. Soc. London Zool. **17**: 304. [gen. n.]  
 1919 Muir, Canadian Ent. **51**: 6. [Listed.]  
 1927 Schulze, Kükenthal and Heider, Nomenclator animalium **2** (7): 782.  
 [Listed.]  
 1939 Neave, Nomenclator Zoologicus **1**: 824. [Listed.]

**robusta** Distant

- 1917 *Consualia robusta* Distant, Trans. Linn. Soc. London Zool. **17**: Seychelles  
 304; Pl. 50, Figs. 6, 6a. [n. sp. illustrated.]<sup>1</sup> Islands<sup>1</sup>  
 (Indian Ocean)

Genus **TETRASTEIRA** Muir

Orthotype *Tetrasteira minuta* [n. sp.] 1926 Muir, Bull. Hawaiian Sugar  
 Pl. Assoc. **18**: 4.

- Tetrasteira* 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 4. [gen. n.]  
 1930 Muir, Ent. Tidskr. **51**: 215. [Comparative note.]  
 1940 Neave, Nomenclator Zoologicus **4**: 442. [Listed.]



**minuta** Muir

- 1926 *Tetrasteira minuta* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 4. Para (Brazil)<sup>1</sup>  
[n. sp.]<sup>1</sup> Amazonas
- 1930 *Tetrasteira minuta* Muir, Ent. Tidskr. 51: 207. [Listed.]<sup>1,2</sup> (Brazil)<sup>2</sup>

Genus **UGYOPS** Guérin-Ménéville

Haplotype *Ugyops percheronii* [n. sp.] 1834 Guérin-Ménéville, Voyage aux Indes Belanger 1: 477.

Type *Ugyops percheronii* 1840 Duponchel, Rev. Zool. 2: 203.

Type *Ugyops percheronii* 1848 Blanchard, d'Orbigny Dict. Univ. Hist. Nat. 12: 752.

Type *Ugyops percheronii* 1901 Kirkaldy, Entomologist 34: 176.

Type *Ugyops percheronii* 1906 Kirkaldy, Entomologist 39: 256.

Type *Ugyops percheronii* 1915 Muir, Canadian Ent. 47: 267.

Type *Ugyops percheronii* 1926 Schmidt, Treubia 7: 250.

Type *Ugyops percheronii* 1928 Schmidt, Treubia 10: 140.

Type *Ugyops percheronii* 1930 Schmidt, Wien. Ent. Zeit. 47: 121.

Types *Ugyops percheronii* 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 235.

[*Hygiops* Amyot and Serville]

[Haplotype *Hygiops percheronii*, 1843 Amyot and Serville, Hist. Nat. Ins. Hémipt. :511.]

[Type *Hygiops percheroni* [sic] 1885 Girard, Traité Elém. Ent. 3: 865.]

[*Bidis* Walker]

[Haplotype *Bidis notivena* [n. sp.] 1857 Walker, Jour. Proc. Linn. Soc. 1: 88.]

[Type *Bidis notivena* 1915 Muir, Canadian Ent. 47: 261.]

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|-----------------------------------------|------------------------------------------------------------------------------------------------------------|
| Ugyops                                  | 1834 Guérin-Ménéville, Voyage aux Indes Belanger 1: 477. [gen. n.] :449. [Key.]                            |
|                                         | 1835 Burmeister, Handb. Ent. 2 (1): 152. [Described.] :145. [Key.]                                         |
|                                         | 1839 Spinola, Ann. Soc. Ent. France 8: 204. [Key.] :321. [Described.]                                      |
|                                         | 1840 Duponchel, Rev. Zool. 2: 203. [Described.]                                                            |
|                                         | 1840 Blanchard, Hist. Nat. Ins. Hémipt. 3: 176. [Described.]                                               |
| <i>Asiraque</i> [sic] ( <i>Ugyops</i> ) | 1840 Comte, Règne Animal :Pl. 68. [Listed, illustrated.]                                                   |
| Ugyops                                  | 1842 Agassiz, Erichson and Germar, Nom. Zool. :20. [Listed.]                                               |
| <i>Hygiops</i>                          | 1843 Amyot and Serville, Hist. Nat. Ins. Hémipt. :511. nom. nov. for <i>Ugyops</i> Guér.-Mén. [Described.] |
| Ugyops                                  | 1844 Guérin-Ménéville, Iconographie du Règne animal de Cuvier :364. [Listed.]                              |
| <i>Ugyops</i> [sic]                     | 1845 Blanchard, Hist. Ins. 2: 423. [Described.]                                                            |
| <i>Hygiops</i>                          | 1846 Agassiz, Erichson and Germar, Nom. Zool. 1846: 7. [Listed.]                                           |
| Ugyops                                  | 1846 Agassiz, Erichson and Germar, Nom. Zool. 1846: 14. To <i>Hygiops</i> .                                |



## Ugyops

- 1848 Agassiz, Index Univ. :1105. [Listed.] Equals *Hygiops* Am. and Serv.
- Hygiops* 1848 Agassiz, Index Univ. :544. To *Ugyops* Guér.-Mén.
- Ugyops* 1848 Blanchard, d'Orbigny Dict. Univ. Hist. Nat. 12: 752. [Described.] Equals *Hygiops* Burn.
- Ugyops* 1850 Blanchard, Hist. Nat. Ins. 3 (1): 176. [Described.]
- 1850 Spinola, Mem. Soc. Italiana Modena 25 (1): 52. [Key.]
- 1850 Schaum, Allg. Encykl. Ersch und Gruber 51: 62. [Key.]
- Hygyops* [sic] 1850 Schaum, Allg. Encykl. Ersch und Gruber 51: 69. [Described.] Equals *Ugyops* Guér.-Mén.
- Ugyops* 1851 Walker, List. Homop. British Mus. 2: 338. [Listed.] Equals *Hygiops* Am. and Serv.
- 1856 Guérin-Méneville, Historia de la Isla de Cuba 7: 180. [Comparative note.]
- 1857 Guérin-Méneville, Histoire de l'Ile de Cuba 1857: 430. [Comparative note.]
- Bidis* 1857 Walker, Jour. Proc. Linn. Soc. 1: 88. [gen. n.]: 150. [Listed.]
- 1858 Walker, List Homop. British Mus. Suppl. :85. [Listed.]
- Ugyops* 1859 Dohrn, Cat. Hemip. :62. [Listed.]
- Bidis* 1859 Dohrn, Cat. Hemip. :62. [Listed.]
- 1859 Walker, Natuurk. Tijdschr. Nederlandsch Indie. 19: 371. [Listed.]
- Ugyops* 1863 Gerstaecker, Peters, Carus and Gerstaecker Handb. der Zoologie 2: 301. [Listed.]
- Hygyops* [sic] 1866 Stål, Hemip. Africana 4: 175. [Key.] Equals *Bidis* Walk. Equals *Ugyops* Guer.-Men.
- Hygiops* 1867 Dallas, Zool. Rec. 3: 559. Equals *Ugyops* Guér.-Mén. Equals *Bidis* Walk.
- Bidis* 1870 Walker, Jour. Linn. Soc. Zool. 10: 119. [Listed.]
- Hygyops* [sic] 1870 Stål Öfv. Svenska Vet. Akad. Förh. 27: 747. [Listed.]
- Bidis* 1873 Marschall, Nomenclator Zoologicus 1873: 355. [Listed.]
- Ugyops* [sic] 1875 Blanchard, Hist. Nat. Ins. 2: 423. [Described.]
- Ugyops* 1882 Scudder, Nomenclator Zoologicus. Univ. Index :331. [Listed.]
- Hygiops* 1882 Scudder, Nomenclator Zoologicus. Univ. Index :155. [Listed.]
- Bidis* 1882 Scudder, Nomenclator Zoologicus. Univ. Index :39. [Listed.]
- Hygiops* 1885 Girard, Traité Elém. Ent. 3: 865. [Described.]
- Hygyops* [sic] 1886 Atkinson, Jour. Asiatic Soc. Bengal 55: 35. [Described.] Equals *Ugyops* Guér.-Mén. Equals *Bidis* Walk. Equals *Hygiops* Am. and Serv.
- 1889 Ashmead, Ent. Americana 5: 26. [Key.]
- Bidis* 1900 Kirby, Mon. Christmas Island :130. [Listed.]
- Ugyops* 1900 Kirby, Mon. Christmas Island :137. Equals *Bidis* Walk. (?).
- 1901 Kirkaldy, Entomologist 34: 176. [Listed.]
- Hygyops* [sic] 1902 Waterhouse, Index Zool. :176. [Listed.]
- 1903 Kirkaldy, Entomologist 36: 233. Equals *Ugyops* [sic].
- Bidis* 1905 Fowler, Biologia Centrali-Americana 1: 131, 137. [Comparative notes.] Equals *Ugyops* Guér.-Mén. Equals *Hygiops* Am. and Serv.
- Ugyops* 1906 Kirkaldy, Entomologist 39: 256, 257. [Listed.]
- 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 126. [Key.] :127. [Listed.] :123, 124. [Morphology.]
- 1909 Distant, Trans. Linn. Soc. London Zool. (2) 13: 44. [Synonymy.] Equals *Hygiops* Am. and Serv. Equals *Bidis* Walk. Equals *Hygyops* [sic] Stål.
- 1910 Distant, Rec. Indian Mus. 5: 337. Equals *Bidis* Walk. Equals *Hygiops* Am. and Serv.
- Bidis* 1913 Muir, Proc. Hawaiian Ent. Soc. 2: 251. [Comparative note.]

- Ugyops* 1913 Muir, Proc. Hawaiian Ent. Soc. **2**: 251. [Listed, comparative note.]
- Bidis* 1914 Crawford, Mon. Delphacidae :569. [Comparative note.] Equals *Hygyops* [sic] Am. and Serv. Equals *Ugyops* Guér.-Mén.
- Ugyops* 1914 Crawford, Mon. Delphacidae :632. [Comparative note.]  
1915 Muir, Canadian Ent. **47**: 268, 269. [Key.] :212, 267. [Listed.] Equals *Hygyops* [sic] Stål. Equals *Hygiops* Am. and Serv. Equals *Bidis* Walk.
- Bidis* 1915<sup>7</sup> Muir, Canadian Ent. **47**: 261. To *Ugyops* Guér.-Mén.
- Ugyops* 1916 Muir, Philippine Jour. Sci. **11**: 369. [Listed.]  
1917 Distant, Trans. Linn. Soc. London Zool. **17**: 305. [Listed.]  
1918 Muir, Proc. Hawaiian Ent. Soc. **3**: 425. [Listed.]  
1919 Muir, Canadian Ent. **51**: 6. [Listed.]  
1923 Muir, Trans. New Zealand Inst. **54**: 257. [Comparative note.]  
1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 4. [Key.]  
1926 Schmidt, Treubia **7**: 250. [Listed.]  
1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 3. [Listed.]  
1926 Muir, Jour. Malayan Branch Roy. Asiatic Soc. **4**: 398. [Listed.]
- Bidis* 1926 Schulze, Kükenthal and Heider, Nomenclator animalium **1** (3): 401. [Listed.]
- Hygiops* 1927 Sherborn, Index Animalium **12**: 3078. [Listed.] Equals *Ugyops* Guér.-Mén.
- Ugyops* 1927 Muir, Fulgoroidea of Samoa :7. [Notes.]  
1928 Schmidt, Treubia **10**: 140. [Listed.]  
1930 Muir, Ent. Tidskr. **51**: 207. [Comparative note.]  
1930 Schmidt, Wien. Ent. Zeit. **47**: 121. [Listed.]
- Hygiops* 1930 Schulze, Kükenthal and Heider, Nomenclator animalium **3** (13): 1619. [Listed.] Equals *Ugyops* Guér.-Mén.
- Hygyops* [sic] 1930 Schulze, Kükenthal and Heider, Nomenclator animalium **3** (13): 1620. [Listed.] Equals *Hygiops* Am. and Serv.
- Ugyops* 1931 Muir, Rec. Australian Mus. **18**: 69. [Notes.]  
1931 Sherborn, Index Animalium **27**: 6707. [Listed.]  
1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands **14**: 234. [Key.] :235. [Listed.] Equals *Hygiops* Am. and Serv.  
1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 298. [Comparative note.]
- Bidis* 1939 Neave, Nomenclator Zoologicus **1**: 427. [Listed.]
- Hygiops* 1939 Neave, Nomenclator Zoologicus **2**: 718. [Listed.]
- Ugyops* 1940 Neave, Nomenclator Zoologicus **4**: 606. [Listed.]

**amboinensis** Muir

- 1913 *Ugyops amboinensis* Muir, Proc. Hawaiian Ent. Soc. **2**: 251 [n. sp.]<sup>1</sup> Amboyna (Malaysia)<sup>1</sup>

**aristellus** Kirby

- 1900 *Bidis aristella* Kirby, Mon. Christmas Island :136; Pl. 15, Figs. 12, 13. [n. sp., illustrated.]<sup>1</sup> :130. [Listed.] Christmas Island<sup>1</sup>  
1936 *Ugyops aristella* Izzard, Ann. Mag. Nat. Hist. (10) **17**: 595. (Indian Ocean) [Listed.]<sup>1</sup> Equals *Bidis aristella* Kirby.

**bougainvillei** Muir

- 1921 *Ugyops bougainvillei* Muir, Proc. Hawaiian Ent. Soc. **4**: 574; Pl. 10, Fig. 9, [n. sp., illustrated.]<sup>1</sup> Samoa<sup>1</sup>

*Ugyops*

1927 *Ugyops bougainvillei* Muir, Fulgoroidea of Samoa :8. [Notes.]<sup>1</sup>

**brevipennis** Muir

1921 *Ugyops brevipennis* Muir, Proc. Hawaiian Ent. Soc. 4: 574; Pl. 10, Samoa<sup>1</sup>  
Fig. 11. [n. sp., illustrated.]<sup>1</sup>

1927 *Ugyops brevipennis* Muir, Fulgoroidea of Samoa :8. [Notes.]<sup>1</sup>

**bryani** Muir

1927 *Ugyops bryani* Muir, Fulgoroidea of Samoa :10; Fig. 10. [n. sp., Samoa<sup>1</sup>  
illustrated.]<sup>1</sup>

**butleri** Muir

1925 *Ugyops butleri* Muir, Ent. Monthly Mag. 61: 221; Fig. 1a. [n. sp. Loyalty Islands<sup>1</sup>  
illustrated.]<sup>1</sup> (Melanesia)

**buxtoni** Muir

1931 *Ugyops buxtoni* Muir, Rec. Australian Mus. 18: 71; Figs. 15, 16. New Hebrides  
[n. sp., illustrated.]<sup>1</sup> Islands<sup>1</sup>

**contiguus** Walker

1857 *Bidis contigua* Walker, Jour. Linn. Soc. Zool. 1: 151. [n. sp., de- Borneo<sup>1</sup>  
scribed.]<sup>1</sup>

1859 *Bidis contigua* Dohrn, Cat. Hemip. :62. [Listed.]<sup>1</sup>

**facialis** Distant

1917 *Ugyops facialis* Distant, Trans. Linn. Soc. London Zool. 17: 305; Seychelles<sup>1</sup>  
Pl. 49, Figs. 2, 2a. [n. sp., illustrated.]<sup>1</sup> (Indian Ocean)

**flyensis** Schmidt

1930 *Ugyops flyensis* Schmidt, Wien. Ent. Zeit. 47: 121. [n. sp.]<sup>1</sup> New Guinea<sup>1</sup>

*granulatus* Osborn [nec Melichar]. See *Ugyops osborni* Metcalf.

*granulatus* Melichar. See *Melanesia granulata* Melichar.

**houadouensis** Distant

1920 *Ugyops houadouensis* Distant, Ann. Mag. Nat. Hist. (9) 6: 469. New Caledonia<sup>1</sup>  
[n. sp.]<sup>1</sup> (Melanesia)

**impictus** Stål

1870 *Hygyops* [sic] *impictus* Stål, Öfv. Svenska Vet. Akad. Förh. 27: Philippine  
748. [n. sp.]<sup>1</sup> Islands<sup>1</sup>

1916 *Ugyops impictus* Muir, Philippine Jour. Sci. 11: 369. [Listed.]<sup>1,2</sup> Mindanao<sup>2</sup>  
(Philippine  
Islands)

**inermis** Distant

1920 *Ugyops inermis* Distant, Ann. Mag. Nat. Hist. (9) 6: 468. [n. sp.]<sup>1</sup> New Caledonia<sup>1</sup>  
:469. [Comparative note.] (Melanesia)

**insularis** Muir

1926 *Ugyops insularis* Muir, Jour. Malayan Branch Roy. Asiatic Soc. Mentawi  
4: 398; Figs. 9, 10. [n. sp., illustrated.]<sup>1</sup> Islands<sup>1</sup>  
(East Indies)

**kellersi** Muir

- 1921 *Ugyops kellersi* Muir, Proc. Hawaiian Ent. Soc. 4: 572; Pl. 10, Samoa<sup>1</sup>  
Figs. 12, 12a. [n. sp., illustrated.]<sup>1</sup> :574. [Comparative note.]  
1925 *Ugyops kellersi* Singh-Pruthi, Trans. Ent. Soc. London 1925: 228. [Listed.]  
1926 *Ugyops kellersi* Muir, Proc. Hawaiian Ent. Soc. 6: 323. [Genitalia.]  
1927 *Ugyops kellersi* Muir, Fulgoroidea of Samoa :7. [Notes.]<sup>1</sup>

**kinbergi** Stål

- 1859 *Ugyops kinbergi* Stål, Freg. Eugenies Resa 4: 274. [n. sp.]<sup>1</sup> Insula  
1870 *Hygyops* [sic] *kinbergi* Stål, Öfv. Svenska Vet. Akad. Förh. 27: Pouynipet<sup>1</sup>  
748. [Comparative note.] Caroline  
1907 *Ugyops kinbergi* Kirkaldy, Ann. Soc. Ent. Belgique 51: 120 (3). Islands<sup>2</sup>  
[Listed.]<sup>2</sup> (Micronesia)  
1928 *Ugyops kinbergi* Schmidt, Treubia 10: 140. [Listed.]<sup>3</sup> Java<sup>3</sup>

*lalokensis* Muir. See *Eucanyra lalokensis* Muir.

**liturifrons** Walker

- 1870 *Bidis liturifrons* Walker, Jour. Linn. Soc. Zool. 10: 119. [n. sp.]<sup>1,2,3</sup> Malaysia<sup>1</sup>  
1913 *Ugyops liturifrons* Muir, Proc. Hawaiian Ent. Soc. 2: 251. Molucca  
[Notes.]<sup>4,5,6</sup> :252. [Comparative note.] Island<sup>2</sup>  
1918 *Ugyops liturifrons* Muir, Proc. Hawaiian Ent. Soc. 3: 425. [Com- New Guinea<sup>3</sup>  
parative note.] Amboyna<sup>4</sup>  
1935 [*Ugyops*] *liturifrons* Osborn, Sci. Surv. Porto Rico and Virgin (Malaysia)  
Islands 14: 236. [Comparative note.] Ceram<sup>5</sup>  
Larat<sup>6</sup>  
(Malaysia)

**longiceps** Muir

- 1931 *Ugyops longiceps* Muir, Rec. Australian Mus. 18: 69; Figs. 8, 9, Queensland<sup>1</sup>  
9a. [n. sp., illustrated.]<sup>1</sup>

*longicornis* Walker [nec Latreille]. See *Ugyops walkeri* Metcalf.

**maculipennis** Schmidt

- 1926 *Ugyops maculipennis* Schmidt, Treubia 7: 250. [n. sp.]<sup>1</sup> Molucca Island<sup>1</sup>  
1930 *Ugyops maculipennis* Schmidt, Wien. Ent. Zeit. 47: 122. [Com-  
parative note.]

**medius** Walker

- 1870 *Delphax media* Walker, Jour. Linn. Soc. Zool. 10: 121. [n. sp.]<sup>1</sup> Molucca Island<sup>1</sup>  
1919 *Ugyops media* Muir, Canadian Ent. 51: 6. Equals *Delphax media*  
Walk.

**musgravei** Muir

- 1931 *Ugyops musgravei* Muir, Rec. Australian Mus. 18: 70; Figs. 10, 11, Lord Howe  
11a. [n. sp., illustrated.]<sup>1</sup> Island<sup>1</sup>  
(Australia)

**notivenus** Walker

- 1857 *Bidis notivena* Walker, Jour. Proc. Linn. Soc. 1: 88. [n. sp.]<sup>1</sup> Malay  
1859 *Bidis notivena* Dohrn, Cat. Hemip. :62. [Listed.]<sup>1</sup> Peninsula<sup>1</sup>  
1886 *Hygyops* [sic] *notivena* Atkinson, Jour. Asiatic Soc. Bengal 55: 36. (East Indies)  
[Described.]<sup>1</sup> Equals *Bidis notivena* Walk. Krakatau<sup>2</sup>

*Ugyops*

- 1906 *Bidis notivena* Matsumura, Trans. Sapporo Nat. Hist. Soc. 1: 32. Sumatra<sup>3</sup>  
[Comparative note.] Sebesi<sup>4</sup>  
1923 *Ugyops notivena* Muir, Philippine Jour. Sci. 22: 172. [Listed.]<sup>3</sup> (East Indies)  
1930 *Ugyops notivena* Muir, Treubia 12: 30. [Listed.]<sup>2,4</sup>

**occidentalis** Muir

- 1918 *Ugyops occidentalis* Muir, Proc. Hawaiian Ent. Soc. 3: 425. [n. sp.]<sup>1</sup> Puerto Rico  
1931 *Ugyops occidentalis* Dozier, American Mus. Nov. 510: 15. [Listed.]  
1935 *Ugyops occidentalis* Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 236. [Described.]<sup>1</sup>  
1935 [*Ugyops*] *occidentalis* Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 237. [Comparative note.]  
1936 *Ugyops occidentalis* Wolcott, Jour. Agr. Univ. Puerto Rico 20: 106. [Listed.]<sup>1</sup>

**osborni** nom. nov. for *Ugyops granulata* Osborn [nec *Ugyops granulatus* Melichar]

- 1935 *Ugyops granulata* Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 236; Fig. 63. [n. sp., illustrated.]<sup>1</sup> Puerto Rico  
1936 *Ugyops granulata* Wolcott, Jour. Agr. Univ. Puerto Rico 20: 106. [Listed.]<sup>1</sup>  
*pecheroni*. Typographical error for *Ugyops pecheronii* Guérin-Méneville.

**pecheronii** Guérin-Méneville

- 1829 *Ugyops pecheronii* Guérin-Méneville, Plates from Icon. Règne Animal de Cuvier: Pl. 58, Fig. 16. [Illustrated.] Indo China<sup>1</sup>  
1834 *Ugyops pecheronii* Guérin-Méneville, Voyage aux Indes Belanger 1: 478. [n. sp.]<sup>1</sup>  
1834 *Ugyops pecheronii* Latreille, Cuvier's Animal Kingdom 4: Pl. 68, Fig. 16. [Illustrated.]  
1835 *Ugyops pecheroni* [sic] Burmeister, Handb. Ent. 2 (1): 152. [Described.]<sup>1</sup>  
1837 *Ugyops pecheronii* Latreille, Cuvier's Animal Kingdom Henderson Ed. 4: xxi; Pl. 68, Fig. 16. [Illustrated.]  
1839 *Ugyops pecheronii* Spinola, Ann. Soc. Ent. France 8: 323. [Described.]<sup>1</sup>  
1840 *Ugyops pecheroni* [sic] Blanchard, Hist. Nat. Ins. Hémipt. 3: 176. [Described.]<sup>1</sup>  
1840 *Ugyops pecheronii* Duponchel, Rev. Zool. 2: 203. [Listed.]<sup>1</sup>  
1843 *Hygiops pecheronii* Amyot and Serville, Hist. Nat. Ins. Hémipt. :512. [Described.]<sup>1</sup> Equals *Ugyops pecheronii* Guér.-Mén.  
1844 *Ugyops pecheronii* Guérin-Méneville, Icon. Règne Animal de Cuvier :364. [Listed.]<sup>1</sup>  
1848 *Ugyops pecheronii* Blanchard, d'Orbigny Dict. Univ. Hist. Nat. 12: 752. [Listed.]<sup>1</sup>  
1850 *Ugyops pecheroni* Blanchard, Hist. Nat. Ins. 3 (1): 176. [Described.]<sup>1</sup>  
1850 *Hygiops* [sic] *pecheronii* Schaum, Allg. Encykl. Ersch und Gruber 51: 69. [Listed.]<sup>1</sup>  
1851 *Ugyops pecheroni* [sic] Walker, List. Homop. British Mus. 2: 338. [Listed.]<sup>1</sup> Equals *Hygiops pecheronii* Am. and Serv.  
1859 *Ugyops pecheroni* [sic] Dohrn, Cat. Hemip. :62. [Listed.]<sup>1</sup>  
1885 *Hygiops pecheroni* [sic] Girard, Traité Elem. Ent. 3: 865; Pl. 102, Fig. 16. [Described, illustrated.]<sup>1</sup>  
1886 *Hygiops* [sic] *pecheronii* Atkinson, Jour. Asiatic Soc. Bengal 55: 35. [Described.]<sup>1</sup> Equals *Ugyops pecheronii* Guérin-Méneville. Equals *Hygiops pecheronii* Am. and Serv.  
1929 *Ugyops pecheronii* Sherborn, Index Animalium 19: 4845. [Listed.]  
1929 *Hygiops pecheronii* Sherborn, Index Animalium 19: 4845. [Listed.]

**picifrons** Stål

- 1870 *Hygiops* [sic] *picifrons* Stål, Öfv. Svenska Vet. Akad. Förh. 27: 747. [n. sp.]<sup>1</sup> Philippine Islands<sup>1</sup>



- 1870 *Hygyops* [sic] *pictifronte* [sic] Stål, Öfv. Svenska Vet. Akad. Förh. Mindanao<sup>2</sup>  
27: 748. [Comparative note.] (Philippine  
Islands)
- 1914 *Hygyops* [sic] *pictifrons* Crawford, Mon. Delphacidae :571. To  
*Proterosydne* [sic] *pictifrons* Stål [error.]
- 1915 *Hygyops* [sic] *pictifrons* Bergroth, Canadian Ent. 47: 216. [Distinct.]<sup>1</sup>
- 1916 *Ugyops pictifrons* Muir, Philippine Jour. Sci. 11: 369. [Listed.]<sup>1,2</sup>
- 1924 *Hygyops* [sic] *pictifrons* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 7.  
[Listed.]<sup>1</sup>

**pictulus** Walker

- 1857 *Bidis pictula* Walker, Jour. Linn. Soc. Zool. 1: 150. [n. sp.]<sup>1</sup> Borneo<sup>1</sup>
- 1857 *Bidis punctifrons* Walker, Jour. Linn. Soc. Zool. 1: 150. [n. sp.]<sup>1</sup>
- 1858 *Bidis pictula* Walker, List Homop. British Mus. Suppl. :85. [Listed.]<sup>1</sup>
- 1858 *Bidis punctifrons* Walker, List Homop. British Mus. Suppl. :86. [Listed.]<sup>1</sup>
- 1859 *Bidis pictula* Dohrn, Cat. Hemip. :62. [Listed.]<sup>1</sup>
- 1859 *Bidis pictifrons* [sic] Dohrn, Cat. Hemip. :62. [Listed.]<sup>1</sup>
- 1859 *Bidis pictula* Walker, Natuurk. Tijdschr. Nederlandsch Indie. 19: 371. [n. sp.]<sup>1</sup>
- 1859 *Bidis punctifrons* Walker, Natuurk. Tijdschr. Nederlandsch Indie. 19: 372. [n. sp.]<sup>1</sup>
- 1864 *Bidis punctifrons* Costa, Ann. Mus. Zool. Napoli 2: 82. [Listed.]<sup>1</sup>
- 1900 *Bidis punctifrons* Kirby, Mon. Christmas Island :137. [Comparative note.]
- 1900 *Bidis pictula* Kirby, Mon. Christmas Island :137. [Comparative note.]
- 1910 *Ugyops pictula* Distant, Rec. Indian Mus. 5: 337. [Listed.]<sup>1</sup> Equals *Bidis pictula*  
Walk. Equals *Bidis punctifrons* Walk.

**privatus** Walker

- 1870 *Bidis privata* Walker, Jour. Linn. Soc. Zool. 10: 120. [n. sp.]<sup>1</sup> Molucca Island

**rufus** Muir

- 1927 *Ugyops rufus* Muir, Fulgoroidea of Samoa :9, Fig. 9. [n. sp., il- Samoa<sup>1</sup>  
lustrated.]<sup>1</sup>

**samoanensis** Muir

- 1921 *Ugyops samoanensis* Muir, Proc. Hawaiian Ent. Soc. 4: 573; Pl. 10, Samoa<sup>1</sup>  
Fig. 10. [n. sp., illustrated.]<sup>1,2</sup> Savage Island<sup>2</sup>  
1927 *Ugyops samoanensis* Muir, Fulgoroidea of Samoa :7. [Notes.]<sup>1</sup> (Polynesia)

**senescens** Distant

- 1909 *Ugyops senescens* Distant, Trans. Linn. Soc. London Zool. (2) 13: Seychelles<sup>1</sup>  
44; Pl. 4, Figs. 16, 16a. [n. sp., illustrated.]<sup>1</sup> (Indian Ocean)
- 1917 *Ugyops senescens* Distant, Trans. Linn. Soc. London Zool. 17: Amirantes  
305; Pl. 49, Figs. 3, 3a. [Notes, illustrated.]<sup>1,2</sup> Island<sup>2</sup>
- 1920 *Ugyops senescens* Distant, Ann. Mag. Nat. Hist. (9) 6: 469. (Indian Ocean)  
[Comparative note.]<sup>1</sup>

**seychellensis** Distant

- 1917 *Ugyops seychellensis* Distant, Trans. Linn. Soc. London Zool. 17: Seychelles<sup>1</sup>  
305; Pl. 49, Figs. 4, 4a. [n. sp., illustrated.]<sup>1</sup> (Indian Ocean)

**similis** Schmidt

- 1926 *Ugyops similis* Schmidt, Treubia 7: 251. [n. sp.]<sup>1</sup> Molucca Island<sup>1</sup>
- 1930 *Ugyops similis* Schmidt, Wien. Ent. Zeit. 47: 122. [Comparative  
note.]



*Ugyops*—*Pentagramma***sulcatus** Muir

- 1931 *Ugyops sulcata* Muir, Rec. Australian Mus. 18: 70; Figs. 12, 13, New Hebrides  
14. [n. sp., illustrated.]<sup>1</sup> Islands<sup>1</sup>

**tripunctatus** Kato

- 1931 *Bidis tripunctata* Kato, Bull. Biogeo. Soc. Japan 2: 9; Fig. 3. Japan<sup>1</sup>  
[n. sp., illustrated.]<sup>1</sup>  
1932 *Bidis tripunctata* Matsumura, Ins. Matsumurana 6: 197. [Listed.]<sup>1</sup>  
1933 *Bidis tripunctata* Kato, Three Colour Ill. Ins. Japan 4: Pl. 14, Fig. 2. [Illustrated.]<sup>1</sup>

**vitiensis** Kirkaldy

- 1907 *Ugyops vitiensis* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 127. [n. sp.]<sup>1</sup> :12. Fiji<sup>1</sup>  
[Listed.]

**vittatus** Matsumura

- 1906 *Bidis vittata* Matsumura, Trans. Sapporo Nat. Hist. Soc. 1: 31; Micronesia<sup>1</sup>  
Pl. 1, Fig. 5. [n. sp., illustrated.]<sup>1</sup> :19. [Listed.]<sup>2</sup> Ryukyu  
1913 *Bidis vittata* Matsumura, 1000 Ins. Japan Add. 1: 58; Pl. VIII, Islands<sup>2</sup>  
Fig. 7. [Described, illustrated.]<sup>3</sup> (Japan)  
1930 *Bidis vittata* Matsumura, Ill. Thousand Ins. Japan 1: [54]; Pl. Japan<sup>3</sup>  
VI, Fig. 7. [Described, illustrated.]<sup>3</sup>  
1931 *Bidis vittata* Matsumura, 6000 Ill. Ins. Japan Empire :1264. [Described, illustrated.]<sup>3</sup>  
1932 *Bidis vittata* Matsumura, Ill. Common Ins. Japan 4: 107; Pl. XVIII, Fig. 14. [De-  
scribed, illustrated.]<sup>3</sup>  
1933 *Bidis vittata* Kato, Three Colour Ill. Ins. Japan. 4: Pl. 14, Fig. 1. [Illustrated.]<sup>3</sup>

**walkeri** nom. nov. for *Delphax longicornis* Walker [nec *Delphax longicornis* Latreille].

- 1870 *Delphax longicornis* Walker, Jour. Linn. Soc. Zool. 10: 120. [n. Molucca Island<sup>1</sup>  
sp.]<sup>1</sup>  
1919 *Ugyops longicornis* Muir, Canadian Ent. 51: 6. Equals *Delphax longicornis* Walk.

**wilkesi** Muir

- 1927 *Ugyops wilkesi* Muir, Fulgoroidea of Samoa :8; Figs. 7, 8. [n. sp., Samoa<sup>1</sup>  
illustrated.]<sup>1</sup>

Genus **PENTAGRAMMA** Van Duzee

Orthotype *Liburnia vittatifrons* 1897 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 260.

Type *Pentagramma vittatifrons* 1909 Van Duzee, Canadian Ent. 41: 384.

Type *Pentagramma vittatifrons* 1914 Crawford, Mon. Delphacidae :566.

Type *Pentagramma vittatifrons* 1915 Muir, Canadian Ent. 47: 266.

Orthotype *Pentagramma vittatifrons* 1916 Van Duzee, Check List Hemip. America :85.

Orthotype *Pentagramma vittatifrons* 1917 Van Duzee, Cat. Hemip. America :781.

[*Lepticus* Crawford]

[Orthotype *Lepticus oculatus* [n. sp.] 1914 Crawford, Mon. Delphacidae :567.]

- Pentagramma 1897 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 260. [gen. n.] :227. [Listed.] :230. [Key.]  
 1900 Smith, Ins. New Jersey 1900: 89. [Listed.]  
 1902 Waterhouse, Index Zool. :276. [Listed.]  
 1904 Swezey, Prelim. Cat. Fulgoridae North America 1904: 42. [Listed.]  
 1909 Pierce, Bull. United States Nat. Mus. 66: 179. [Listed.]  
 1909 Van Duzee, Canadian Ent. 41: 384. [Listed.]  
 1910 Smith, Rept. Ins. New Jersey 1910: 98. [Listed.]  
 1914 Crawford, Mon. Delphacidae :565. [Described.] :562. [Key.]  
*Lepticus* 1914 Crawford, Mon. Delphacidae :567. [gen. n.] :562. [Key.]  
 Pentagramma 1915 Muir, Canadian Ent. 47: 212, 266. [Listed.] :268. [Key.]  
*Lepticus* 1915 Muir, Canadian Ent. 47: 265. [Erected on nymph.]  
 Pentagramma 1916 Van Duzee, Check List Hemip. America :85. [Listed.]  
 1917 Van Duzee, Cat. Hemip. America :781. [Listed.]  
 1923 Metcalf, Jour. Elisha Mitchell Soc. 38: 166. [Key, key to species.]  
 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 4. [Key.]  
*Lepticus* 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 6. [Notes.]  
 Pentagramma 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 3. [Listed.]  
 1928 Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 182. [Listed.]  
 1930 Muir, Ent. Tidskr. 51: 210. [Comparative note.]  
*Lepticus* 1931 Schulze, Kükenthal and Heider, Nomenclator animalium 3 (14): 1806. [Listed.]  
 Pentagramma 1934 Heaton, Bull. Brooklyn Ent. Soc. 29: 115. [Listed.]  
 1934 Schulze, Kükenthal and Heider, Nomenclator animalium 4 (19): 2571. [Listed.]  
*Lepticus* 1939 Neave, Nomenclator Zoologicus 2: 907. [Listed.]  
 Pentagramma 1940 Neave, Nomenclator Zoologicus 3: 651. [Listed.]

**bivittata** Crawford

- 1914 *Pentagramma bivittata* Crawford, Mon. Delphacidae :566; Pl. 44, Nicaragua<sup>1</sup>  
 Figs. L, M, O. [n. sp., illustrated.]<sup>1</sup> Ohio<sup>2</sup>  
 1914 *Lepticus oculatus* Crawford, Mon. Delphacidae :568; Pl. 45, Fig. Kansas<sup>3</sup>  
 A. [n. sp., illustrated.]<sup>1</sup> British Guiana<sup>4</sup>  
 1926 *Lepticus oculatus* Dozier, Jour. New York Ent. Soc. 34: 257.  
 [Synonymy.]<sup>2,3</sup>  
 1926 *Pentagramma bivittata* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 3. [Notes.]<sup>4</sup>  
 Equals *Lepticus oculatus* Crawf.

**minore** Crawford

- 1914 *Pentagramma minore* Crawford, Mon. Delphacidae :567; Pl. 44, Wyoming<sup>1</sup>  
 figs. P, Q. [n.sp., illustrated.]<sup>1</sup> Rocky  
 1916 *Pentagramma minore* Van Duzee, Check List Hemip. America :85. Mountains<sup>2</sup>  
 [Listed.]<sup>2</sup>  
 1917 *Pentagramma minore* Van Duzee, Cat. Hemip. America :781. [Listed.]<sup>1</sup>  
 1923 *Pentagramma minore* Metcalf, Jour. Elisha Mitchell Soc. 38: 166; Pl. 68, Fig. 627;  
 Pl. 58, Figs. 376, 377. [Key, illustrated.]

**nigrifrons** Muir

- 1934 *Pentagramma nigrifrons* Muir, Ann. Mag. Nat. Hist. (10) 14: Argentina<sup>1</sup>  
 575. [n. sp.]<sup>1</sup>

*Pentagramma*—*Bergias**vittatifrons* Uhler

- 1876 *Liburnia vittatifrons* Uhler, Bull. United States Geol. Geog. Surv. Dakota<sup>1</sup>  
Terr. 1 (5): 351. [n. sp.]<sup>1,2,3,4</sup> Illinois<sup>2</sup>
- 1878 *Liburnia vittatifrons* Uhler, Bull. United States Geol. Geog. Surv. Maryland<sup>3</sup>  
Terr. 4 (2): 510. [Listed.]<sup>6</sup> New Jersey<sup>4</sup>
- 1884 *Liburnia vittatifrons* Uhler, Standard Nat. Hist. 2: 241. Montana<sup>5</sup>  
[Notes.]<sup>1,3,4,5</sup> Iowa<sup>6</sup>
- 1897 *Liburnia vittatifrons* Osborn and Ball, Proc. Iowa Acad. Sci. 4: New York<sup>7</sup>  
233. [Listed.]<sup>6</sup> Eastern States<sup>8</sup>
- 1897 *Pentagramma vittatifrons* Van Duzee, Bull. Buffalo Soc. Nat. Sci. Northern  
5: 260. [Described.]<sup>1,2,4,5,7</sup> Equals *Liburnia vittatifrons* Uhl. :227. States<sup>9</sup>  
[Listed.] Massachusetts<sup>10</sup>
- 1898 *Pentagramma vittatifrons* Osborn, Proc. Iowa Acad. Sci. 5: 235. Mississippi<sup>11</sup>  
[Listed.]<sup>6</sup> Kansas<sup>12</sup>
- 1898 *Pentagramma vittatifrons* Osborn, Contr. Iowa State Coll. Agr. Indiana<sup>13</sup>  
Dept. Zool. Ent. 3: 12. [Listed.]<sup>6</sup> Michigan<sup>14</sup>
- 1900 *Pentagramma vittatifrons* Smith, Ins. New Jersey 1900: 89. Ohio<sup>15</sup>  
[Listed.]<sup>4</sup>
- 1903 *Liburnia vittatifrons* Henshaw, Psyche 10: 228. [Listed.]<sup>1,2,3,4</sup>
- 1904 *Pentagramma vittatifrons* Swezey, Prelim. Cat. Fulgoridae North America 1904: 42.  
[Listed.]<sup>1,2,3,4,5,6,7</sup> Equals *Liburnia vittatifrons* Uhl.
- 1909 *Pentagramma vittatifrons* Pierce, Bull. United States Mus. 66: 179. [Parasitism.]<sup>1</sup>
- 1910 *Pentagramma vittatifrons* Smith, Rept. Ins. New Jersey 1910: 98. [Listed.]<sup>4,7</sup>
- 1913 *Pentagramma vittatifrons* Shelford, Bull. Geog. Soc. Chicago 5: 204. [Ecology.]<sup>2</sup>
- 1914 *Pentagramma vittatifrons* Crawford, Mon. Delphacidae :567. [Listed.]<sup>1,2,3,4,5,7</sup>
- 1916 *Pentagramma vittatifrons* Van Duzee, Check List Hemip. America :85. [Listed.]<sup>8,9</sup>
- 1917 *Pentagramma vittatifrons* Van Duzee, Cat. Hemip. America :781. [Listed.]<sup>1,2,3,4,5,6,7,10</sup>  
Equals *Liburnia vittatifrons* Uhl.
- 1923 *Pentagramma vittatifrons* Metcalf, Jour. Elisha Mitchell Soc. 38: 166; Pl. 39, Fig. 19;  
Pl. 58, Figs. 378, 379; Pl. 62, Fig. 489; Pl. 68, Fig. 628; Pl. 65, Fig. 542. [Key, illus-  
trated.]
- 1924 *Pentagramma vittatifrons* Metcalf, Ecology 5: 173. [Ecology.]<sup>14</sup>
- 1926 *Pentagramma vittatifrons* Dozier, Jour. New York Ent. Soc. 34: 257. [Comparative  
note.]<sup>12</sup>
- 1928 *Pentagramma vittatifrons* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 16.  
[Ecology.]<sup>11</sup>
- 1928 *Pentagramma vittatifrons* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 182.  
[Listed.]<sup>7</sup>
- 1934 *Pentagramma vittatifrons* Heaton, Bull. Brooklyn Ent. Soc. 29: 115. [Listed.]<sup>13</sup>
- 1938 *Pentagramma vittatifrons* Osborn, Bull. Ohio Biol. Surv. 6: 348. [Described.]<sup>15</sup>
- 1938 *Pentagramma vittatifrons* Snodgrass, Proc. Ent. Soc. Washington 40: 235; Pl. 22,  
Fig. B. [Morphology of head, illustrated.]
- 1938 *Pentagramma vittatifrons* Spooner, Univ. Illinois Bull. 35 (70): 9. [Listed.] :14; Pl. 1,  
Figs. 13, 14; Pl. 3, Fig. 39; Pl. 4, Fig. 65; Pl. 6; Fig. 97. [Morphology of head, il-  
lustrated.]
- 1939 *Pentagramma vittatifrons* Hassan, Trans. Ent. Soc. London 89: 363. [Parasites.]
- 1939 *Pentagramma vittatifrons* Osborn, Meadow and Pasture Insects 1939: 161. [Note.]

Genus *BERGIAS* Kirkaldy[Haplotype *Bergia nimbata* 1904 Kirkaldy, Entomologist 37: 279.][*Bergia* Scott][Haplotype *Liburnia nimbata* 1881 Scott, Ent. Monthly Mag. 18: 155.][Type *Liburnia nimbata* 1882 Reuter, Zool. Jahrb. Syst. 1881: 283.]

[Type *Bergia nimbata* 1915 Muir, Canadian Ent. 47: 261.]

- Bergia* 1881 Scott, Ent. Monthly Mag. 18: 155. [gen. n.]  
 1882 Reuter, Zool. Jahrb. Syst. 1881: 283. [Described.]  
 1883 Berg, An. Soc. Cient. Argentina 16: 231. [Listed.]  
 1884 Berg, Add. Hemip. Argentina :137. [Listed.]  
 1902 Waterhouse, Index Zool. :46. [Listed.]
- Bergias* 1904 Kirkaldy, Entomologist 37: 279. nom. nov. for *Bergia* Scott.  
 1912 Waterhouse, Index Zool. 2: 35. [Listed.]
- Bergia* 1914 Crawford, Mon. Delphacidae :632. [Described.] :632, 633. [Comparative notes.]
- Bergias* 1915 Muir, Canadian Ent. 47: 212, 261. [Listed.] Equals *Bergia* Scott. :269. [Key.]
- Bergia* 1915 Muir, Canadian Ent. 47: 261. To *Bergias* Kirk.
- Bergias* 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 4. [Note.] Equals *Bergia* Scott.  
 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 3. Equals *Bergia* Scott.  
 1926 Schulze, Kükenthal and Heider, Nomenclator animalium 1 (3): 396. [Listed.] Equals *Bergia* Scott.
- Bergia* 1926 Schulze, Kükenthal and Heider, Nomenclator animalium 1(3): 396. [Listed.]
- 1939 Neave, Nomenclator Zoologicus 1: 421. [Listed.] To *Bergias* Kirk.
- Bergias* 1939 Neave, Nomenclator Zoologicus 1: 421. [Listed.] Equals *Bergia* Scott.

### **nimbata** Berg

- 1879 *Liburnia nimbata* Berg, An. Soc. Cient. Argentina 8: 191. [n. sp.]<sup>1</sup> Argentina<sup>1</sup>
- 1879 *Liburnia nimbata* Berg, Hemip. Argentina :226. [n. sp.]<sup>1</sup>
- 1881 *Bergia nimbata* Scott, Ent. Monthly Mag. 18: 155. Equals *Liburnia nimbata* Berg.
- 1883 *Bergia nimbata* Berg, An. Soc. Cient. Argentina 16: 231. [Notes.] Equals *Liburnia nimbata* Berg.
- 1884 *Bergia nimbata* Berg, Add. Hemip. Argentina :137. [Notes.] Equals *Liburnia nimbata* Berg.
- 1914 *Bergia nimbata* Crawford, Mon. Delphacidae :632. [Listed.]<sup>1</sup> Equals *Liburnia nimbata* Berg.
- 1926 *Bergias nimbata* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 36. [Listed.] Equals *Bergia nimbata* Berg. Equals *Liburnia nimbata* Berg.

### Genus IDIOSYSTATUS Berg

Haplotype *Delphax acutiusscula*, 1883 Berg, An. Soc. Cient. Argentina 16: 231.

Haplotype *Delphax acutiusscula* 1884 Berg, Add. Hemip. Argentina :137.

Type *Idiosystatus acutiusscula* 1915 Muir, Canadian Ent. 47: 264.

- Idiosystatus* 1883 Berg, An. Soc. Cient. Argentina 16: 231. [gen. n.]  
 1884 Berg, Add. Hemip. Argentina :137. [gen. n.]  
 1902 Waterhouse, Index Zool. :181. [Listed.]  
 1914 Crawford, Mon. Delphacidae :632. [Described.]  
 1915 Muir, Canadian Ent. 47: 212, 264. [Listed.] :269. [Key.]  
 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 4. [Key, note.]  
 1929 Muir, Ann. Mag. Nat. Hist. (10) 3: 75. [Described.]  
 1930 Muir, Ent. Tidskr. 51: 210, 214, 215. [Comparative note.]  
 1930 Schulze, Kükenthal and Heider, Nomenclator animalium 3 (13): 1666. [Listed.]  
 1939 Neave, Nomenclator Zoologicus 2: 763. [Listed.]



*Idiosystatus*—*Araeopinae*—*Alohini*

## acutiusculus Spinola

- 1852 *Delphax acutiuscula* Spinola, Gay's Historia de Chile 7: 258. Chile<sup>1</sup>  
[n. sp.]<sup>1</sup> Argentina<sup>2</sup>
- 1883 *Idiosystatus acutiusculus* Berg, An. Soc. Cient. Argentina 16: 231.  
[Described.]<sup>2</sup> Equals *Delphax* (?) *acutiuscula* Spinola.
- 1884 *Idiosystatus acutiusculus* Berg, Add. Hemip. Argentina :138. [Described.]<sup>2</sup> Equals  
*Delphax acutiuscula* Spinola.
- 1897 *Idiosystatus acutiusculus* Breddin, Ergebnisse der Hamburger Magalhaensischen  
Sammelreise 2 (4): 31. [Listed.]<sup>2</sup>
- 1914 *Idiosystatus acutiusculus* Crawford, Mon. Delphacidae :633. [Listed.]<sup>2</sup>
- 1926 *Idiosystatus acutiusculus* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 36. [Listed.]  
Equals *Delphax* (?) *acutiusculus* Spin.
- 1929 *Idiosystatus acutiusculus* Muir, Ann. Mag. Nat. Hist. (10) 3: 75; figs. 1-4. [De-  
scribed, illustrated.]<sup>2</sup>

## Subfamily ARAEOPINAE Metcalf

- Delphacinae* 1915 Jensen-Haarup, Kobenhavn Flora og Fauna 1915: 97. *Subfamily*. [Keys to  
and descriptions of genera and species.]
- Delphacinae* 1915 Muir, Canadian Ent. 47: 268. *Subfamily*. [Key.] :269. [Key to tribes and  
genera.]
- Delphacinae* 1916 Muir, Philippine Jour. Sci. 11: 372. [New genera and species from Philip-  
pine Islands.]
- Delphacinae* 1923 Muir, Proc. Hawaiian Ent. Soc. 5: 224. *Subfamily*. [Key.]
- Delphacinae* 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 4. [Key to Ameri-  
can genera.]
- Delphacinae* 1926 Muir, Proc. Hawaiian Ent. Soc. 6: 323. [Morphology of the male geni-  
talia.]
- Delphacinae* 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 5. [New genera and species from  
South America.]
- Delphacinae* 1929 Haupt, Cong. Int. Zool. 10: 1073. [Taxonomy.]
- Delphacinae* 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 208. *Subfamily*. [Key.]
- Delphacinae* 1929 Muir, Ann. Mag. Nat. Hist. (10) 4: 188. [Listed.]
- Delphacinae* 1930 Muir, Ann. Mag. Nat. Hist. (10) 6: 468. *Subfamily*. [Key.]
- Delphacinae* 1930 Muir, Ent. Tidskr. 51: 210 [Listed.]
- Delphacinae* 1934 Chatterjee and Bose, Indian For. Rec. 19 (8): 14. [Listed.]
- Delphacinae* 1934 Muir, Ann. Mag. Nat. Hist. (10) 14: 575. [Listed.]
- Delphacinae* 1935 Lallemand, Ann. Mus. Genova 58: 81. *Subfamily*. [Listed.]
- Araeopinae* 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. 82: 299. *Subfamily*. [De-  
scribed.]
- Araeopinae* 1939 Metcalf, Jour. Soc. Bibl. Nat. Hist. 1: 247. *Subfamily*. [Listed.]

## Tribe ALOHINI Muir

- Alohini* 1915 Muir, Canadian Ent. 47: 269. *Tribe*. [Key, key to genera.]
- Alohini* 1916 Muir, Proc. Hawaiian Ent. Soc. 3: 201, 202, 204, 208. *Tribe*. [Notes.]
- Alohini* 1916 Muir, Proc. Hawaiian Ent. Soc. 3: 170. [Notes.] :171. [Key to genera.]
- Leialohae* 1916 Muir, Proc. Hawaiian Ent. Soc. 3: 213. [List of Hawaiian genera and spe-  
cies.]
- Aloahae* 1916 Muir, Proc. Hawaiian Ent. Soc. 3: 213. [List of Hawaiian genera and spe-  
cies.]
- Alohini* 1921 Muir, Proc. Hawaiian Ent. Soc. 4: 509. [New species from Hawaiian Is-  
lands.]
- Alohini* 1922 Gifford, Proc. Hawaiian Ent. Soc. 5: 106. [List of Hawaiian species.]
- Alohini* 1923 Muir, Proc. Hawaiian Ent. Soc. 5: 224. *Tribe*. [Key.]
- Alohini* 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 4. [Key to American  
genera.]



- Alohini 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 5. [New genera and species from South America.]  
 Alohini 1929 Muir, Ann. Mag. Nat. Hist. (10) **4**: 188. [Listed.] :186. [Food Plants.]  
 Alohini 1930 Muir, Ann. Mag. Nat. Hist. (10) **6**: 468. *Tribe*. [Key.]  
 Alohini 1930 Muir, Ent. Tidskr. **51**: 210. [Listed.]  
 Alohini 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 302. *Tribe*. [Described.]

Genus **LEIALOHA** Kirkaldy

Orthotype *Aloha* (*Leialoha*) *naniicola* [n. sp.], 1910 Kirkaldy, Fauna Hawaiiensis Suppl. :579.

Type *Leialoha naniicola*, 1915 Muir, Canadian Ent. **47**: 264.

Type *Aloha naniicola*, 1916 Muir, Proc. Hawaiian Ent. Soc. **3**: 172.

- Leialoha* 1910 Kirkaldy, Fauna Hawaiiensis Suppl. :577. [Key.] :579. [subg. n.]  
 1915 Muir, Canadian Ent. **47**: 264. [Listed, raised to generic rank.] :269. [Key.]  
 1916 Muir, Proc. Hawaiian Ent. Soc. **3**: 171 [Key.] :172, 213. [Listed.] :170. [Notes.]  
 1916 Muir, Proc. Hawaiian Ent. Soc. **3**: 175. [Comparative note.] :200, 201, 204. [Notes.]  
 1917 Muir, Proc. Hawaiian Ent. Soc. **3**: 299, 304. [Listed.]  
 1917 Giffard, Proc. Hawaiian Ent. Soc. **3**: 340. [Listed.]  
 1919 Muir, Proc. Hawaiian Ent. Soc. **4**: 87. [Listed.]  
 1922 Muir, Proc. Hawaiian Ent. Soc. **5**: 91. [Notes.]  
 1922 Giffard, Proc. Hawaiian Ent. Soc. **5**: 106, 112. [Listed.]  
 1931 Schulze, Kükenthal and Heider, Nomenclator animalium **3** (14): 1784. [Listed.] Subgen. of *Aloha*.  
 1939 Neave, Nomenclator Zoologicus **2**: 885. [Listed.]  
*hawaiiensis* Muir (var.). See *Leialoha lehuae* var. *hawaiiensis* Muir.

**kauaiensis** Muir

- 1916 *Leialoha lehuae kauaiensis* Muir, Proc. Hawaiian Ent. Soc. **3**: 173, Hawaiian pl. 2, fig. 5. [n. subsp., illustrated.]<sup>2</sup> Islands<sup>4</sup>  
 1916 *Leialoha kauaiensis* Muir, Proc. Hawaiian Ent. Soc. **3**: 213. Kauai<sup>2</sup> (Hawaiian Islands)  
 [Listed.]<sup>2</sup>  
 1916 *Leialoha kauaiensis* Muir, Proc. Hawaiian Ent. Soc. **3**: 174. [Comparative note.]  
 1917 *Leialoha lehuae kauaiensis* Muir, Proc. Hawaiian Ent. Soc. **3**: 299. (Comparative note.)  
 1922 *Leialoha kauaiensis* Muir, Proc. Hawaiian Ent. Soc. **5**: 93. [Notes.]<sup>2</sup>  
 1922 *Leialoha kauaiensis* Giffard, Proc. Hawaiian Ent. Soc. **5**: 106. [Listed.]<sup>2</sup> :112. [Food plants.]<sup>1</sup>

**lanaiensis** Muir

- 1917 *Leialoha lehuae lanaiensis* Muir, Proc. Hawaiian Ent. Soc. **3**: 299; Maui<sup>1</sup> Pl. 5, Fig. 1. [n. subsp., illustrated.]<sup>2</sup> :300. [Comparative note.] (Hawaiian Islands)  
 1922 *Leialoha lanaiensis* Giffard, Proc. Hawaiian Ent. Soc. **5**: 106. [Listed.]<sup>2</sup> :112. [Food plants.]<sup>3</sup> Lanai (Hawaiian Islands)<sup>2</sup>  
 Hawaiian Islands<sup>4</sup>

**lehuae** Kirkaldy

- 1910 *Aloha* (*Leialoha*) *lehuae* Kirkaldy, Fauna Hawaiiensis Suppl. :581. Hawaii<sup>1</sup> [n. sp.]<sup>3</sup> :580. [Key.] (Hawaiian Islands)

*Leialoha*

- 1916 *Leialoha lehuae* Muir, Proc. Hawaiian Ent. Soc. 3: 172, 173, 174, 175. [Comparative notes.] :201. [Notes.] Kauai<sup>2</sup>
- 1916 *Leialoha lehuae* Muir, Proc. Hawaiian Ent. Soc. 3: 172. [Described.]<sup>1</sup> :213. [Listed.]<sup>3,4</sup> (Hawaiian Islands)
- 1917 *Leialoha lehuae* Giffard, Proc. Hawaiian Ent. Soc. 3: 340. [Food plants.]<sup>1</sup> Oahu<sup>3</sup> (Hawaiian Islands)
- 1917 *Leialoha lehuae* Muir, Proc. Hawaiian Ent. Soc. 3: 300. [Listed.] (Hawaiian Islands)
- 1922 *Leialoha lehuae* Muir, Proc. Hawaiian Ent. Soc. 5: 91. [Listed.]<sup>2</sup> Lanai<sup>4</sup>
- 1922 *Leialoha lehuae* Giffard, Proc. Hawaiian Ent. Soc. 5: 106. [Listed.]<sup>2,3,4</sup> (Hawaiian Islands)
- 1931 *Leialoha lehuae* Swezey, Proc. Hawaiian Ent. Soc. 7: 497. [Food plants.]<sup>1</sup>

**lehuae var. hawaiiensis Muir**

- 1916 *Leialoha lehuae hawaiiensis* Muir, Proc. Hawaiian Ent. Soc. 3: 173; Pl. 2, Fig. 4. [n. subsp., illustrated.]<sup>1</sup> Hawaii<sup>1</sup> (Hawaiian Islands)
- 1916 *Leialoha hawaiiensis* Muir, Proc. Hawaiian Ent. Soc. 3: 213. [Listed.]<sup>1</sup> Hawaiian Islands<sup>2</sup>
- 1917 *Leialoha lehuae hawaiiensis* Muir, Proc. Hawaiian Ent. Soc. 3: 300. [Listed.]<sup>1</sup>
- 1917 *Leialoha lehuae hawaiiensis* Giffard, Proc. Hawaiian Ent. Soc. 3: 340. [Food plants.]<sup>1</sup>
- 1918 *Leialoha lehuae hawaiiensis* Giffard, Proc. Hawaiian Ent. Soc. 3: 409. [Food plants.]<sup>1</sup>
- 1919 *Leialoha lehuae hawaiiensis* Muir, Proc. Hawaiian Ent. Soc. 4: 87. [Comparative note.]
- 1922 *Leialoha hawaiiensis* Giffard, Proc. Hawaiian Ent. Soc. 5: 106. [Listed.]<sup>1</sup> :112. [Food plants.]<sup>2</sup>
- 1932 *Leialoha lehuae hawaiiensis* Swezey and Williams, Proc. Hawaiian Ent. Soc. 8: 189. [Listed.]<sup>1</sup>

*lehuae* var. *kauaiensis* Muir. See *Leialoha kauaiensis* Muir.

*lehuae* var. *lanaiensis* Muir. See *Leialoha lanaiensis* Muir.

**lehuae var. lehuae Muir**

- 1916 *Leialoha lehuae lehuae* Muir, Proc. Hawaiian Ent. Soc. 3: 173; Pl. 2, Fig. 2. [Described, illustrated.]<sup>1,2</sup> Oahu (Hawaiian Islands)<sup>1</sup>
- lehuae* var. *mauiensis* Muir. See *Leialoha mauiensis* Muir.
- lehuae* var. *oahuensis* Muir. See *Leialoha oahuensis* Muir. Lanai (Hawaiian Islands)<sup>2</sup>

**mauiensis Muir**

- 1919 *Leialoha lehuae mauiensis* Muir, Proc. Hawaiian Ent. Soc. 4: 87. [n. var.]<sup>2</sup> Hawaiian Islands<sup>1</sup>
- 1921 *Leialoha lehuae mauiensis* Muir, Proc. Hawaiian Ent. Soc. 4: 509. [Listed.]<sup>2</sup> Maui<sup>2</sup> (Hawaiian Islands)
- 1922 *Leialoha mauiensis* Giffard, Proc. Hawaiian Ent. Soc. 5: 106. [Listed.]<sup>2</sup> :112. [Food plants.]<sup>1</sup>

**naniicola Kirkaldy**

- 1910 *Aloha (Leialoha) naniicola* Kirkaldy, Fauna Hawaiiensis Suppl. :580 [n. sp.]<sup>1,2</sup> :579. [Key.] Hawaii<sup>1</sup> (Hawaiian Islands)
- 1916 *Leialoha naniicola* Muir, Proc. Hawaiian Ent. Soc. 3: 172; Pl. 2, Fig. 1; Pl. 4, Fig. 75. [Described, illustrated.]<sup>2</sup> :213. [Listed.]<sup>1,2</sup> Oahu<sup>2</sup>
- 1917 *Leialoha naniicola* Giffard, Proc. Hawaiian Ent. Soc. 3: 340. [Food plants.]<sup>1</sup> (Hawaiian Islands)

- 1922 *Leialoha naniicola* Giffard, Proc. Hawaiian Ent. Soc. 5: 106.  
[Listed.]<sup>1,2</sup>

**oahuensis** Muir

- 1916 *Leialoha lehuae oahuensis* Muir, Proc. Hawaiian Ent. Soc. 3: 173; Hawaiian  
Pl. 2, Fig. 3. [n. subsp., illustrated.]<sup>2</sup> :213. [Listed.]<sup>2</sup> Islands<sup>1</sup>  
1917 *Leialoha lehuae oahuensis* Muir, Proc. Hawaiian Ent. Soc. 3: 300 [Notes.]<sup>2,3</sup>  
1922 *Leialoha oahuensis* Giffard, Proc. Hawaiian Ent. Soc. 5: 106. Oahu<sup>2</sup>  
[Listed.]<sup>2,3</sup> :112. [Food plants.]<sup>1</sup> (Hawaiian  
Islands)  
Lanai<sup>3</sup>  
(Hawaiian  
Islands)

**oceanides** Kirkaldy

- 1910 *Aloha (Leialoha) oceanides* Kirkaldy, Fauna Hawaiiensis Suppl.: Hawaii<sup>1</sup>  
580. [n. sp.]<sup>2</sup> :579. [Key.] :581. [Comparative note.] (Hawaiian  
Islands)  
1916 *Leialoha oceanides* Muir, Proc. Hawaiian Ent. Soc. 3: 174. Kauai<sup>2</sup>  
[Notes.] :213. [Listed.]<sup>2</sup> (Hawaiian  
Islands)  
1917 *Leialoha oceanides* Giffard, Proc. Hawaiian Ent. Soc. 3: 348. (Hawaiian  
[Listed.]<sup>1</sup> Islands)  
1922 *Leialoha oceanides* Muir, Proc. Hawaiian Ent. Soc. 5: 91; Pl. 3,  
Fig. 1. [Notes, illustrated.]<sup>2</sup> Equals *Aloha oceanides* Kirk.  
1922 *Leialoha oceanides* Giffard, Proc. Hawaiian Ent. Soc. 5: 106. [Listed.]<sup>2</sup>

**ohiae** Kirkaldy

- 1910 *Aloha (Leialoha) ohiae* Kirkaldy, Fauna Hawaiiensis Suppl. :581. Hawaii<sup>1</sup>  
[n. sp.]<sup>1,3</sup> :580. [Key.] (Hawaiian  
Islands)  
1916 *Leialoha ohiae* Muir, Proc. Hawaiian Ent. Soc. 3: 174; Pl. 2, Fig. Islands)  
6. [Described, illustrated.]<sup>1</sup> :213. [Listed.]<sup>1,2,3</sup> :172. [Comparative note.] :207.  
[Notes.]  
1917 *Leialoha ohiae* Giffard, Proc. Hawaiian Ent. Soc. 3: 340. [Food (Hawaiian  
plants.]<sup>1</sup> Islands)  
1917 *Leialoha ohiae* Muir, Proc. Hawaiian Ent. Soc. 3: 300. [Notes.]  
1922 *Leialoha ohiae* Giffard, Proc. Hawaiian Ent. Soc. 5: 106. [Listed.]<sup>1,2,3</sup>  
1936 *Leialoha ohiae* Swezey, Proc. Hawaiian Ent. Soc. 9: 203, 205. Oahu<sup>3</sup>  
[Food plants.]<sup>3</sup> (Hawaiian  
Islands)

**pacifica** Kirkaldy

- 1910 *Aloha (Leialoha) pacifica* Kirkaldy, Fauna Hawaiiensis Suppl. Hawaii  
:581. [n. sp.]<sup>2,3</sup> :579. [Key.] (Hawaiian  
Islands)<sup>1</sup>  
1916 *Leialoha pacifica* Muir, Proc. Hawaiian Ent. Soc. 3: 174. [Listed.] Islands)<sup>1</sup>  
:213. [Listed.]<sup>2,3</sup>  
1917 *Leialoha pacifica* Giffard, Proc. Hawaiian Ent. Soc. 3: 348. Kanai  
[Listed.]<sup>1</sup> (Hawaiian  
Islands)<sup>2</sup>  
1922 *Leialoha pacifica* Giffard, Proc. Hawaiian Ent. Soc. 5: 106. Molokai  
[Listed.] (Hawaiian  
Islands)<sup>3</sup>

**scaevolae** Muir

- 1922 *Leialoha scaevolae* Muir, Proc. Hawaiian Ent. Soc. 5: 93; Pl. 3, Kauai  
Fig. 3. (n. sp., illustrated.)<sup>1</sup> (Hawaiian  
Islands)<sup>1</sup>  
1922 *Leialoha scaevolae* Giffard, Proc. Hawaiian Ent. Soc. 5: 106. Hawaiian  
[Listed.]<sup>1</sup> :112. [Food plants.]<sup>2</sup> Islands<sup>2</sup>

*Leialoha*—*Nesodryas***suttoniae** Muir

- 1922 *Leialoha suttoniae* Muir, Proc. Hawaiian Ent. Soc. 5: 92; Pl. 3, Kauai  
Figs. 2, 2a. [n. sp., illustrated.]<sup>1</sup> :93. [Comparative note.] (Hawaiian  
Islands)<sup>1</sup>  
1922 *Leialoha suttoniae* Giffard, Proc. Hawaiian Ent. Soc. 5: 106. Hawaiian  
[Listed.]<sup>1</sup> :112. [Food plants.]<sup>2</sup> Islands<sup>2</sup>

Genus **NESODRYAS** Kirkaldy

Orthotype *Nesodryas freycinetiae* [n. sp.], 1908 Kirkaldy, Proc. Hawaiian Ent. Soc. 1: 203.

Type *Nesodryas freycinetiae*, 1910 Kirkaldy, Fauna Hawaiiensis Suppl. :596.

Type *Nesodryas freycinetiae*, 1915 Muir, Canadian Ent. 47: 265.

Type *Nesodryas freycinetiae* 1916 Muir, Proc. Hawaiian Ent. Soc. 3: 170.

- Nesodryas* 1908 Kirkaldy, Proc. Hawaiian Ent. Soc. 1: 203. [gen. n., key to species.] :201. [Key.]  
1910 Kirkaldy, Fauna Hawaiiensis Suppl. :577. [Key.] :596. [Described, key to species.]  
1915 Muir, Canadian Ent. 47: 212, 265. [Listed.] :269. [Key.]  
1916 Muir, Proc. Hawaiian Ent. Soc. 3: 171. [Key.] :174. [Listed.] Equals *Nesothoe* Kirk. :170. [Notes.] :213. [Listed.]  
1916 Oshanin, Horae Soc. Ent. Rossicae. 42: 88. [Bibliography.]  
1916 Muir, Proc. Hawaiian Ent. Soc. 3: 174, 176. [Comparative note.] :200, 201, 202. [Notes.]  
1917 Giffard, Proc. Hawaiian Ent. Soc. 3: 340. [Listed.]  
1917 Muir, Proc. Hawaiian Ent. Soc. 3: 300, 304. [Listed.]  
1919 Muir, Proc. Hawaiian Ent. Soc. 4: 87. [Listed.]  
1922 Giffard, Proc. Hawaiian Ent. Soc. 5: 106, 112. [Listed.]  
1932 Schulze, Kükenthal and Heider, Nomenclator animalium 4 (16): 2246. [Listed.]  
1940 Neave, Nomenclator Zoologicus 3: 323. [Listed.]

*alboguttata* Muir. See *Nesodryas (Nesothoe) alboguttata* Muir.

**antidesmae** Muir

- 1917 *Nesodryas antidesmae* Muir, Proc. Hawaiian Ent. Soc. 3: 300. Pl. Hawaii<sup>1</sup>  
5, Figs. 2, 2a. [n. sp., illustrated.]<sup>2</sup> (Hawaiian  
Islands)  
1917 *Nesodryas antidesmae* Giffard, Proc. Hawaiian Ent. Soc. 3: 341. Oahu<sup>2</sup>  
[Food plants.]<sup>1</sup>  
1922 *Nesodryas antidesmae* Giffard, Proc. Hawaiian Ent. Soc. 5: 106. (Hawaiian  
[Listed.]<sup>2</sup> Islands)

*bobae* Kirkaldy. See *Nesodryas (Nesothoe) bobae* Kirkaldy.

*dodonaee* Muir. See *Nesodryas (Nesothoe) dodonaee* Muir.

*dryope* Kirkaldy. See *Nesodryas (Nesothoe) dryope* Kirkaldy.

*elaecarpi*. Typographical error for *Nesodryas elaecarpi* Kirkaldy.

**elaecarpi** Kirkaldy

- 1908 *Nesodryas elaecarpi* Kirkaldy, Proc. Hawaiian Ent. Soc. 1: 203 Oahu<sup>1</sup>  
[n. sp., key.]<sup>1</sup> (Hawaiian  
Islands)  
1910 *Nesodryas elaecarpi* Kirkaldy, Fauna Hawaiiensis Suppl. :596 Hawaii<sup>2</sup>  
[Described, key.]<sup>1</sup>

- 1916 *Nesodryas elaeocarpi* Muir, Proc. Hawaiian Ent. Soc. **3**: 175; Pl. 2, Fig. 8; Pl. 3, Fig. 57. [Described, illustrated.]<sup>2</sup> :213. [Listed.]<sup>1</sup> (Hawaiian Islands)
- 1916 *Nesodryas elaeocarpi* [sic] Muir, Proc. Hawaiian Ent. Soc. **3**: 175. [Comparative note.]
- 1917 *Nesodryas elaeocarpi* Giffard, Proc. Hawaiian Ent. Soc. **3**: 340. [Food plants.]<sup>2</sup>
- 1917 *Nesodryas eleocarphae* [sic] Muir, Proc. Hawaiian Ent. Soc. **3**: 300. [Comparative note.]
- 1917 *Nesodryas eleocarpi* [sic] Muir, Proc. Hawaiian Ent. Soc. **3**: 301. [Comparative note]
- 1922 *Nesodryas elaeocarpi* Giffard, Proc. Hawaiian Ent. Soc. **5**: 106. [Listed.]<sup>1</sup>
- elaearcarpi*. Typographical error for *Nesodryas elaeocarpi* Kirkaldy.
- eleocarphae*. Typographical error for *Nesodryas elaeocarpi* Kirkaldy.

**eugeniae** Kirkaldy

- 1908 *Nesodryas eugeniae* Kirkaldy, Proc. Hawaiian Ent. Soc. **1**: 203. Oahu<sup>1</sup>  
[n. sp., key.]<sup>1</sup> (Hawaiian Islands)
- 1910 *Nesodryas eugeniae* Kirkaldy, Fauna Hawaiiensis Suppl. :597. Hawaii<sup>2</sup>  
[Described.]<sup>1</sup> :596. [Key.] (Hawaiian Islands)
- 1916 *Nesodryas eugeniae* Muir, Proc. Hawaiian Ent. Soc. **3**: 175; Pl. 2, Fig. 9; Pl. 3, Fig. 60. [Described, illustrated.]<sup>2</sup> :213. [Listed.]<sup>1</sup> (Hawaiian Islands)
- 1917 *Nesodryas eugeniae* Giffard, Proc. Hawaiian Ent. Soc. **3**: 340. Kauai<sup>3</sup>  
[Food plants.]<sup>2</sup> (Hawaiian Islands)
- 1917 *Nesodryas eugeniae* Muir, Proc. Hawaiian Ent. Soc. **3**: 301; Pl. 5, Figs. 5, 5a. [Notes, illustrated.]<sup>1,4</sup> :300. [Comparative note.] Lanai<sup>4</sup>  
(Hawaiian Islands)
- 1922 *Nesodryas eugeniae* Giffard, Proc. Hawaiian Ent. Soc. **5**: 106. (Hawaiian Islands)  
[Listed.]<sup>3,4</sup>

*fletus* Kirkaldy. See *Nesodryas (Nesothoe) fletus* Kirkaldy.

**freycinetiae** Kirkaldy

- 1908 *Nesodryas freycinetiae* Kirkaldy, Proc. Hawaiian Ent. Soc. **1**: 203. Oahu<sup>1</sup>  
[n. sp., key]<sup>1</sup> (Hawaiian Islands)
- 1908 *Nesodryas freycinetiae* Swezey, Proc. Hawaiian Ent. Soc. **2**: 13. Hawaii<sup>2</sup>  
[Younger stages.] (Hawaiian Islands)
- 1910 *Nesodryas freycinetiae* Kirkaldy, Fauna Hawaiiensis Suppl. :596. (Hawaiian Islands)  
[Key, described.]<sup>1</sup>
- 1915 *Nesodryas freycinetiae* Muir, Canadian Ent. **47**: 209. [Morphology.] Hawaiian Islands<sup>3</sup>
- 1916 *Nesodryas freycinetiae* Muir, Proc. Hawaiian Ent. Soc. **3**: 175; Pl. 2, Fig. 16. [Described, illustrated.]<sup>2</sup> :213 [Listed.]<sup>1</sup>
- 1916 *N[esodryas] freycinetiae* Muir, Proc. Hawaiian Ent. Soc. **3**: 202. [Note.]
- 1917 *Nesodryas freycinetiae* Giffard, Proc. Hawaiian Ent. Soc. **3**: 340. [Food plants.]<sup>2</sup>
- 1922 *Nesodryas freycinetiae* Giffard, Proc. Hawaiian Ent. Soc. **5**: 106. [Listed.]<sup>1</sup>
- 1936 *Nesodryas freycinetiae* Swezey, Proc. Hawaiian Ent. Soc. **9**: 192. [Food plants.]<sup>3</sup>

*frigidula* Kirkaldy. See *Nesodryas (Nesothoe) frigidula* Kirkaldy.

**giffardi** Kirkaldy

- 1908 *Nesodryas giffardi* Kirkaldy, Proc. Hawaiian Ent. Soc. **1**: 203. Oahu<sup>1</sup>  
[n. sp., key.]<sup>1</sup> (Hawaiian Islands)
- 1910 *Nesodryas giffardi* Kirkaldy, Fauna Hawaiiensis Suppl. :597. [Described.]<sup>1</sup> :596. [Key.] Hawaii<sup>2</sup>
- 1916 *Nesodryas giffardi* Muir, Proc. Hawaiian Ent. Soc. **3**: 175; Pl. 2, Fig. 7; Pl. 3, Fig. 59. [Described, illustrated.]<sup>2</sup> :213. [Listed.]<sup>1</sup> (Hawaiian Islands)
- 1917 *Nesodryas giffardi* Muir, Proc. Hawaiian Ent. Soc. **3**: 301. [Comparative note.]<sup>1</sup> Hawaiian Islands<sup>3</sup>
- 1917 *Nesodryas giffardi* Giffard, Proc. Hawaiian Ent. Soc. **3**: 340. [Food plants.]<sup>2</sup>



*Nesodryas*—*Nesothoe*

- 1922 *Nesodryas giffardi* Giffard, Proc. Hawaiian Ent. Soc. 5: 106. [Listed.]<sup>1</sup> :112. [Food plants.]<sup>3</sup>
- gulicki* Muir. See *Nesodryas (Nesothoe) gulicki* Muir.
- haa* Muir. See *Nesodryas (Nesothoe) haa* Muir.
- hula* Kirkaldy. See *Nesodryas (Nesothoe) hula* Kirkaldy.
- laka* Kirkaldy. See *Nesodryas (Nesothoe) laka* Kirkaldy.
- maculata* Muir. See *Nesodryas (Nesothoe) maculata* Muir.
- munroi* Muir. See *Nesodryas (Nesothoe) munroi* Muir.
- perkinsi* Kirkaldy. See *Nesodryas (Nesothoe) perkinsi* Kirkaldy.
- piilani* Kirkaldy. See *Nesodryas (Nesothoe) piilani* Kirkaldy.
- pluvialis* Kirkaldy. See *Nesodryas (Nesothoe) pluvialis* Kirkaldy.
- pulani*. Typographical error for *Nesodryas (Nesothoe) piilani* Kirkaldy.
- semialba* Muir. See *Nesodryas (Nesothoe) semialba* Muir.
- seminigrofrons* Muir. See *Nesodryas (Nesothoe) seminigrofrons* Muir.
- silvestris* Kirkaldy. See *Nesodryas (Nesothoe) silvestris* Kirkaldy.
- terryi* Kirkaldy. See *Nesodryas (Nesothoe) terryi* Kirkaldy.

[Subgenus **NESOTHOE** Kirkaldy]*Nesothoe* subgenus of *Nesodryas*

Orthotype *Nesothoe fletus* [n. sp.], 1908 Kirkaldy, Proc. Hawaiian Ent. Soc. 1: 203.

Type *Nesothoe fletus*, 1910 Kirkaldy, Fauna Hawaiiensis Suppl. :591.

Type *Nesothoe fletus*, 1915 Muir, Canadian Ent. 47: 266.

- Nesothoe 1908 Kirkaldy, Proc. Hawaiian Ent. Soc. 1: 203. [gen. n., key to species.] :202 [Key.]
- 1910 Kirkaldy, Fauna Hawaiiensis Suppl. :577. [Key.] :591. [Described, key to species.]
- 1912 Waterhouse, Index Zool. 2: 192. [Listed.]
- 1915 Muir, Canadian Ent. 47: 212, 266. [Listed.] :269. [Key.]
- 1916 Muir, Proc. Hawaiian Ent. Soc. 3: 171. [Key, subgenus.] :170. [Notes.] :177 [Comparative note.]
- 1916 Muir, Proc. Hawaiian Ent. Soc. 3: 174. To *Nesodryas* Kirkaldy.
- 1916 Oshanin, Horae Soc. Ent. Rossicae 42: 88. [Bibliography.]
- 1922 Giffard, Proc. Hawaiian Ent. Soc. 5: 106. [Listed.]
- 1933 Schulze, Kükenthal and Heider, Nomenclator animalium 4 (17): 2249 [Listed.]
- 1940 Neave, Nomenclator Zoologicus 3: 325. [Listed.]

**alboguttata** Muir

- 1922 *Nesodryas (Nesothoe) alboguttata* Muir, Proc. Hawaiian Ent. Soc. 5: 94; Pl. 3, Fig. 7. [n.sp., illustrated.]<sup>1</sup> :95 [Comparative note.] Kauai<sup>1</sup> (Hawaiian Islands)
- 1922 *Nesodryas alboguttata* Giffard, Proc. Hawaiian Ent. Soc. 5: 112. [Food plants.]<sup>2</sup> Hawaiian Islands<sup>2</sup>
- 1922 *Nesodryas (Nesothoe) alboguttata* Giffard, Proc. Hawaiian Ent. Soc. 5: 106. [Listed.]<sup>1</sup> Islands<sup>2</sup>

**bobae** Kirkaldy

- 1908 *Nesothoe bobae* Kirkaldy, Proc. Hawaiian Ent. Soc. 1: 204; Text fig. 2. [n. sp., illustrated, key.]<sup>2</sup> Hawaiian Islands<sup>1</sup>

- 1910 *Nesothoe bobeeae* Kirkaldy, Fauna Hawaiiensis Suppl.: 593 [Described.]<sup>2</sup> :591. [Key.] :592. [Listed.]<sup>2</sup> Oahu<sup>2</sup>  
(Hawaiian  
Islands)
- 1916 *Nesodryas bobeeae* Muir, Proc. Hawaiian Ent. Soc. 3: 177; Pl. 2, Fig. 14; Pl. 3, Fig. 61. [Described, illustrated.]<sup>3</sup> :213. [Listed.]<sup>2</sup> Hawaii<sup>3</sup>  
:177, 178. [Comparative note.] (Hawaiian  
Islands)
- 1917 *Nesodryas bobeeae* Giffard, Proc. Hawaiian Ent. Soc. 3: 341. [Food plants.]<sup>3</sup> Islands)
- 1917 *N[esothoe] bobeeae* Muir, Proc. Hawaiian Ent. Soc. 3: 301. [Comparative note.]
- 1922 *Nesodryas (Nesothoe) bobeeae* Giffard, Proc. Hawaiian Ent. Soc. 5: 106. [Listed.]<sup>2</sup>

**dodonaee** Muir

- 1916 *Nesodryas dodonaee* Muir, Proc. Hawaiian Ent. Soc. 3: 176; Pl. 2, Fig. 10. [n. sp., illustrated.]<sup>2</sup> :213. [Listed.]<sup>2</sup> Hawaii<sup>1</sup>  
(Hawaiian  
Islands)
- 1917 *Nesodryas dodonaee* Giffard, Proc. Hawaiian Ent. Soc. 3: 340. [Food plants.]<sup>1</sup> Kauai<sup>2</sup>  
(Hawaiian  
Islands)
- 1922 *Nesodryas (Nesothoe) dodonaee* Muir, Proc. Hawaiian Ent. Soc. 5: 95 [Notes.]<sup>2</sup> Islands)
- 1922 *Nesodryas dodonaee* Giffard, Proc. Hawaiian Ent. Soc. 5: 106. [Listed.]<sup>2</sup> :113. [Food plants.]<sup>3</sup> Hawaiian  
Islands<sup>3</sup>

**dryope** Kirkaldy

- 1910 *Nesodryas dryope* Kirkaldy, Fauna Hawaiiensis Suppl.: 597 [n. sp.]<sup>1,4</sup> :596 [Key.] Oahu<sup>1</sup>  
(Hawaiian  
Islands)
- 1916 *Nesodryas dryope* Muir, Proc. Hawaiian Ent. Soc. 3: 176; pl. 2, Fig. 11; Pl. 3, Fig. 62. [Notes, illustrated, comparative note.]<sup>1,2</sup> Hawaii<sup>2</sup>  
:213. [Listed.]<sup>1,2</sup> (Hawaiian  
Islands)
- 1917 *Nesodryas dryope* Giffard, Proc. Hawaiian Ent. Soc. 3: 340. [Food plants.]<sup>2</sup> Hawaiian  
Islands<sup>3</sup>
- 1917 *Nesodryas (Nesothoe) dryope* Muir, Proc. Hawaiian Ent. Soc. 3: 301 [Food plants.]<sup>2</sup> :302. [Comparative notes.] Kauai<sup>4</sup>  
(Hawaiian  
Islands)
- 1918 *Nesodryas dryope* Giffard, Proc. Hawaiian Ent. Soc. 3: 409 [Food plants.]<sup>2</sup> (Hawaiian  
Islands)
- 1921 *Nesodryas dryope* Muir, Proc. Hawaiian Ent. Soc. 5: 510. [Comparative note.]
- 1922 *Nesodryas (Nesothoe) dryope* Giffard, Proc. Hawaiian Ent. Soc. 5: 106. [Listed.]<sup>1,2,4</sup>

**fletus** Kirkaldy

- 1908 *Nesothoe fletus* Kirkaldy, Proc. Hawaiian Ent. Soc. 1: 204. [n. sp., key.]<sup>3</sup> Hawaiian  
Islands<sup>3</sup>
- 1910 *Nesothoe fletus* Kirkaldy, Fauna Hawaiiensis Suppl. :592 [Described.]<sup>3</sup> :591. [Key.] Hawaii<sup>2</sup>  
(Hawaiian  
Islands)
- 1916 *Nesodryas fletus* Muir, Proc. Hawaiian Ent. Soc. 3: 176; Pl. 2, Fig. 12; Pl. 3, Fig. 58. [Described, illustrated.]<sup>2</sup> :213. [Listed.]<sup>3</sup> [Comparative note.] Maui<sup>3</sup>  
(Hawaiian  
Islands)
- 1917 *Nesodryas fletus* Giffard, Proc. Hawaiian Ent. Soc. 3: 341 [Food plants.]<sup>2</sup> :348. [Listed.]<sup>2</sup> Lanai<sup>4</sup>  
(Hawaiian  
Islands)
- 1917 *Nesodryas (Nesothoe) fletus* Muir, Proc. Hawaiian Ent. Soc. 3: 302. [Notes.]<sup>3,4</sup>
- 1919 *Nesodryas fletus* Muir, Proc. Hawaiian Ent. Soc. 4: 87. [Notes.]<sup>3</sup>
- 1922 *Nesodryas (Nesothoe) fletus* Giffard, Proc. Hawaiian Ent. Soc. 5: 106. [Listed.]<sup>3,4</sup>
- 1922 *Nesodryas fletus* Giffard, Proc. Hawaiian Ent. Soc. 5: 112. [Food plants.]<sup>1</sup>

**frigidula** Kirkaldy

- 1908 *Nesothoe frigidula* Kirkaldy, Proc. Hawaiian Ent. Soc. 1: 204 [n. sp., key.]<sup>2</sup> Hawaiian  
Islands<sup>1</sup>

*Nesothoe*

- 1910 *Nesothoe frigidula* Kirkaldy, Fauna Hawaiiensis Suppl. :593. [Described.]<sup>2</sup> :591. [Key.] :592. [Listed.]<sup>2</sup> Hawaii<sup>2</sup>  
(Hawaiian  
Islands)
- 1916 *Nesodryas frigidula* Muir, Proc. Hawaiian Ent. Soc. 3: 178. [Listed.]<sup>2</sup> :213. [Listed.]<sup>2</sup> Hawaiian  
Islands
- 1917 *Nesodryas frigidula* Giffard, Proc. Hawaiian Ent. Soc. 3: 348. [Listed.]<sup>2</sup>
- 1922 *Nesodryas (Nesothoe) frigidula* Giffard, Proc. Hawaiian Ent. Soc. 5: 107. [Listed.]<sup>2</sup>

## gulicki Muir

- 1916 *Nesodryas gulicki* Muir, Proc. Hawaiian Ent. Soc. 3: 177; Pl. 2, Fig. 13. [n.sp., illustrated.]<sup>1</sup> :213. [Listed.]<sup>1</sup> Hawaii<sup>1</sup>  
(Hawaiian  
Islands)
- 1917 *Nesodryas gulicki* Giffard, Proc. Hawaiian Ent. Soc. 3: 341. [Food plants.]<sup>1</sup> Oahu<sup>2</sup>  
(Hawaiian  
Islands)
- 1917 *Nesodryas (Nesothoe) gulicki* Muir, Proc. Hawaiian Ent. Soc. 3: 301. [Notes.]<sup>1</sup> (Hawaiian  
Islands)
- 1919 *Nesodryas (Nesothoe) gulicki* Muir, Proc. Hawaiian Ent. Soc. 4: 87. [Notes.]<sup>1</sup>
- 1922 *Nesodryas (Nesothoe) gulicki* Giffard, Proc. Hawaiian Ent. Soc. 5: 106. [Listed.]<sup>1,2</sup>
- 1922 *N[esodryas] gulicki* Muir, Proc. Hawaiian Ent. Soc. 5: 95. [Comparative note.]
- 1922 *Nesodryas gulicki* Giffard, Proc. Hawaiian Ent. Soc. 5: 112. [Food plants.]<sup>1</sup>

## haa Muir

- 1921 *Nesodryas (Nesothoe) haa* Muir, Proc. Hawaiian Ent. Soc. 4: 509; Pl. 8, Fig. 1. [n. sp., illustrated.]<sup>1</sup> Hawaii<sup>1</sup>  
(Hawaiian  
Islands)
- 1922 *Nesodryas (Nesothoe) haa* Giffard, Proc. Hawaiian Ent. Soc. 5: 106. [Listed.]<sup>1</sup> Hawaiian  
Islands<sup>2</sup>
- 1922 *Nesodryas haa* Giffard, Proc. Hawaiian Ent. Soc. 5: 112. [Food plants.]<sup>2</sup>

## hula Kirkaldy

- 1908 *Nesothoe hula* Kirkaldy, Proc. Hawaiian Ent. Soc. 1: 204. [n.sp., key.]<sup>3</sup> Hawaiian  
Islands<sup>1</sup>
- 1910 *Nesothoe hula* Kirkaldy, Fauna Hawaiiensis Suppl. :592. [Described.]<sup>3</sup> :591. [Key.] Hawaiian  
(Hawaiian  
Islands)
- 1916 *Nesodryas (Nesothoe) hula* Muir, Proc. Hawaiian Ent. Soc. 3: 178. [Listed.]<sup>1</sup> Kauai<sup>3</sup>  
(Hawaiian  
Islands)
- 1916 *Nesodryas hula* Muir, Proc. Hawaiian Ent. Soc. 3: 213. [Listed.]<sup>3</sup>
- 1917 *Nesodryas hula* Giffard, Proc. Hawaiian Ent. Soc. 3: 348. [Listed.]<sup>2</sup>
- 1922 *Nesodryas (Nesothoe) hula* Muir, Proc. Hawaiian Ent. Soc. 5: 93; Pl. 3, Fig. 4. [Notes, illustrated.]<sup>3</sup>
- 1922 *Nesodryas (Nesothoe) hula* Giffard, Proc. Hawaiian Ent. Soc. 5: 106. [Listed.]<sup>3</sup>
- 1922 *Nesodryas hula* Giffard, Proc. Hawaiian Ent. Soc. 5: 112. [Food plants.]<sup>1</sup>

## laka Kirkaldy

- 1908 *Nesothoe laka* Kirkaldy, Proc. Hawaiian Ent. Soc. 1: 204. [n.sp., key.]<sup>2</sup> Hawaiian  
Islands<sup>1</sup>
- 1910 *Nesothoe laka* Kirkaldy, Fauna Hawaiiensis Suppl. :594. [Described.]<sup>2</sup> :591. [Key.] :592. [Listed.]<sup>2</sup> Maui<sup>2</sup>  
(Hawaiian  
Islands)
- 1916 *Nesodryas (Nesothoe) laka* Muir, Proc. Hawaiian Ent. Soc. 3: 178. [Listed.]<sup>1</sup> Hawaiian<sup>3</sup>  
(Hawaiian  
Islands)
- 1916 *Nesodryas laka* Muir, Proc. Hawaiian Ent. Soc. 3: 213. [Listed.]<sup>2</sup>
- 1917 *Nesodryas laka* Giffard, Proc. Hawaiian Ent. Soc. 3: 348. [Listed.]<sup>3</sup>
- 1919 *Nesodryas (Nesothoe) laka* Muir, Proc. Hawaiian Ent. Soc. 4: 87. [Notes.]<sup>2</sup> :84. [Listed.]<sup>1</sup>
- 1922 *Nesodryas (Nesothoe) laka* Giffard, Proc. Hawaiian Ent. Soc. 5: 106. [Listed.]<sup>2</sup>
- 1922 *Nesodryas laka* Giffard, Proc. Hawaiian Ent. Soc. 5: 112. [Food plants.]<sup>1</sup>

**maculata** Muir

- 1916 *Nesodryas maculata* Muir, Proc. Hawaiian Ent. Soc. **3**: 177; Pl. 2, Fig. 15. [n.sp., illustrated.]<sup>1</sup> :213. [Listed.]<sup>1</sup> Hawaii<sup>1</sup>  
(Hawaiian Islands)
- 1917 *Nesodryas maculata* Giffard, Proc. Hawaiian Ent. Soc. **3**: 341. Food plants.]<sup>1</sup> Hawaiian Islands
- 1917 *Nesodryas (Nesothoe) maculata* Muir, Proc. Hawaiian Ent. Soc. **3**: 302 [Notes.]<sup>1,3</sup> Lanai<sup>3</sup> Islands<sup>2</sup>
- 1918 *Nesodryas maculata* Giffard, Proc. Hawaiian Ent. Soc. **3**: 409. Food plants.]<sup>1</sup> (Hawaiian Islands)
- 1922 *Nesodryas (Nesothoe) maculata* Giffard, Proc. Hawaiian Ent. Soc. **5**: 106. [Listed.]<sup>1,3</sup>

**munroi** Muir

- 1917 *Nesodryas (Nesothoe) munroi* Muir, Proc. Hawaiian Ent. Soc. **3**: 303; Pl. 5, Fig. 6. [n. sp., illustrated.]<sup>2</sup> Hawaii<sup>1</sup>  
(Hawaiian Islands)
- 1917 *Nesodryas munroi* Giffard, Proc. Hawaiian Ent. Soc. **3**: 341. [Food plants.]<sup>1</sup> Lanai<sup>2</sup> Islands
- 1919 *Nesodryas (Nesothoe) munroi* Muir, Proc. Hawaiian Ent. Soc. **4**: 87. [Notes.]<sup>1</sup> (Hawaiian Islands)
- 1921 *Nesodryas munroi* Muir, Proc. Hawaiian Ent. Soc. **4**: 510. [Comparative note.] Hawaiian Islands<sup>3</sup>
- 1922 *Nesodryas (Nesothoe) munroi* Giffard, Proc. Hawaiian Ent. Soc. **5**: 106. [Listed.]<sup>1,2</sup> :112. [Food plants.]<sup>3</sup>
- 1922 *Nesodryas munroi* Giffard, Proc. Hawaiian Ent. Soc. **5**: 112. [Food plants.]<sup>3</sup>

**perkinsi** Kirkaldy

- 1908 *Nesothoe perkinsi* Kirkaldy, Proc. Hawaiian Ent. Soc. **1**: 204. n. sp., key.]<sup>2</sup> Hawaiian Islands<sup>1</sup>
- 1908 *Nesophrosyne* [sic] *perkinsi* Kirkaldy, Proc. Hawaiian Ent. Soc. **1**: 208; Text fig. 3. [Illustrated.] Oahu<sup>2</sup>  
(Hawaiian Islands)
- 1910 *Nesothoe perkinsi* Kirkaldy, Fauna Hawaiiensis Suppl. :593. [Described.]<sup>2</sup> :591. [Key.] :592. [Listed.]<sup>2</sup> Hawaiian Islands<sup>3</sup>
- 1916 *Nesodryas perkinsi* Muir, Proc. Hawaiian Ent. Soc. **3**: 178.<sup>2</sup> [Listed.]<sup>3</sup> :213. [Listed.]<sup>2</sup> (Hawaiian Islands)
- 1917 *Nesodryas perkinsi* Giffard, Proc. Hawaiian Ent. Soc. **3**: 341. [Food plants.]<sup>3</sup>
- 1922 *Nesodryas (Nesothoe) perkinsi* Giffard, Proc. Hawaiian Ent. Soc. **5**: 106. [Listed.]<sup>2</sup>
- 1922 *Nesodryas perkinsi* Giffard, Proc. Hawaiian Ent. Soc. **5**: 112. [Food plants.]<sup>1</sup>
- 1922 *Nesodryas perkinsi* Muir, Proc. Hawaiian Ent. Soc. **5**: 94. [Comparative note.]

**piilani** Kirkaldy

- 1908 *Nesothoe piilani* Kirkaldy, Proc. Hawaiian Ent. Soc. **1**: 204. [n. sp., key.]<sup>2</sup> Hawaiian Islands<sup>1</sup>
- 1910 *Nesothoe piilani* Kirkaldy, Fauna Hawaiiensis Suppl. :594. [Described.]<sup>2</sup> :592. [Key, listed.]<sup>2</sup> Molokai<sup>2</sup>  
(Hawaiian Islands)
- 1916 *Nesodryas (Nesothoe) piilani* [sic] Muir, Proc. Hawaiian Ent. Soc. **3**: 178. [Listed.]<sup>3</sup> Hawaiian Islands<sup>3</sup>
- 1916 *Nesodryas piilani* Muir, Proc. Hawaiian Ent. Soc. **3**: 213. [Listed.]<sup>2</sup> (Hawaiian Islands)
- 1917 *Nesodryas (Nesothoe) piilani* Muir, Proc. Hawaiian Ent. Soc. **3**: 301; Pl. 5, Fig. 4. [Notes, illustrated.]<sup>2,4</sup> Lanai<sup>4</sup> Islands
- 1917 *Nesodryas piilani* Giffard, Proc. Hawaiian Ent. Soc. **3**: 348. [Listed.]<sup>3</sup> (Hawaiian Islands)
- 1922 *Nesodryas (Nesothoe) piilani* Giffard, Proc. Hawaiian Ent. Soc. **5**: 106. [Listed.]<sup>2,4</sup>
- 1922 *Nesodryas piilani* Giffard, Proc. Hawaiian Ent. Soc. **5**: 112. [Food plants.]<sup>1</sup>



*Nesothoe***pluvialis** Kirkaldy

- 1908 *Nesothoe pluvialis* Kirkaldy, Proc. Hawaiian Ent. Soc. 1: 204. Hawaiian  
[n. sp., key.]<sup>2</sup> Islands<sup>1</sup>
- 1910 *Nesothoe pluvialis* Kirkaldy, Fauna Hawaiiensis Suppl. :595. [De- Kauai<sup>2</sup>  
scribed.]<sup>2</sup> :592. [Key, listed.]<sup>2</sup> (Hawaiian  
Islands)
- 1916 *Nesodryas (Nesothoe) pluvialis* Muir, Proc. Hawaiian Ent. Soc. 3: Hawaii<sup>3</sup>  
178. [Listed.] (Hawaiian  
Islands)
- 1916 *Nesodryas pluvialis* Muir, Proc. Hawaiian Ent. Soc. 3: 213. (Hawaiian  
[Listed.]<sup>2</sup> Islands)
- 1917 *Nesodryas pluvialis* Giffard, Proc. Hawaiian Ent. Soc. 3: 348.  
[Listed.]<sup>3</sup>
- 1922 *Nesodryas (Nesothoe) pluvialis* Giffard, Proc. Hawaiian Ent. Soc. 5: 107. [Listed.]<sup>2</sup>

**semialba** Muir

- 1922 *Nesodryas (Nesothoe) semialba* Muir, Proc. Hawaiian Ent. Soc. 5: Kauai<sup>1</sup>  
95; Pl. 3, Fig. 8. [n. sp., illustrated.]<sup>1</sup> (Hawaiian  
Islands)
- 1922 *Nesodryas (Nesothoe) semialba* Giffard, Proc. Hawaiian Ent. Soc. Hawaiian  
5: 106. [Listed.]<sup>1</sup> Islands<sup>2</sup>
- 1922 *Nesodryas semialba* Giffard, Proc. Hawaiian Ent. Soc. 5: 113. Islands<sup>2</sup>  
[Food plants.]<sup>2</sup>

**seminigrofrons** Muir

- 1922 *Nesodryas (Nesothoe) seminigrofrons* Muir, Proc. Hawaiian Ent. Kauai<sup>1</sup>  
Soc. 5: 94; Pl. 3, Fig. 5. [n. sp., illustrated.]<sup>1</sup> (Hawaiian  
Islands)
- 1922 *Nesodryas (Nesothoe) seminigrofrons* Giffard, Proc. Hawaiian Ent. Hawaiian  
Soc. 5: 106. [Listed.]<sup>1</sup> Islands<sup>2</sup>
- 1922 *Nesodryas seminigrofrons* Giffard, Proc. Hawaiian Ent. Soc. 5: Islands<sup>2</sup>  
112 [Food plants.]<sup>2</sup>

**silvestris** Kirkaldy

- 1908 *Nesothoe silvestris* Kirkaldy, Proc. Hawaiian Ent. Soc. 1: 204. Hawaiian  
[n. sp., key.]<sup>2</sup> Islands<sup>1</sup>
- 1910 *Nesothoe silvestris* Kirkaldy, Fauna Hawaiiensis Suppl. :595. [De- Lanai<sup>2</sup>  
scribed.]<sup>2</sup> :592. [Key, listed.]<sup>2</sup> (Hawaiian  
Islands)
- 1916 *Nesodryas (Nesothoe) silvestris* Muir, Proc. Hawaiian Ent. Soc. 3: Hawaii<sup>3</sup>  
178. [Listed.] (Hawaiian  
Islands)
- 1916 *Nesodryas silvestris* Muir, Proc. Hawaiian Ent. Soc. 3: 213. (Hawaiian  
[Listed.]<sup>2</sup> Islands)
- 1917 *Nesodryas silvestris* Giffard, Proc. Hawaiian Ent. Soc. 3: 348.  
[Listed.]<sup>3</sup>
- 1922 *Nesodryas (Nesothoe) silvestris* Giffard, Proc. Hawaiian Ent. Soc. 5: 107. [Listed.]<sup>2</sup>

**terryi** Kirkaldy

- 1908 *Nesothoe terryi* Kirkaldy, Proc. Hawaiian Ent. Soc. 1: 204. [n. sp., Oahu<sup>1</sup>  
key.]<sup>1</sup> (Hawaiian  
Islands)
- 1910 *Nesothoe terryi* Kirkaldy, Fauna Hawaiiensis Suppl. :594. [Notes.]<sup>1</sup> Hawaii<sup>2</sup>  
:592. [Key, listed.]<sup>1</sup> (Hawaiian  
Islands)
- 1916 *Nesodryas (Nesothoe) terryi* Muir, Proc. Hawaiian Ent. Soc. 3: (Hawaiian  
178. [Listed.] Islands)
- 1916 *Nesodryas terryi* Muir, Proc. Hawaiian Ent. Soc. 3: 213. [Listed.]<sup>1</sup>
- 1917 *Nesodryas (Nesothoe) terryi* Muir, Proc. Hawaiian Ent. Soc. 3: 301; Pl. 5, Fig. 3.  
[Notes, illustrated.]<sup>1</sup>
- 1917 *Nesodryas terryi* Giffard, Proc. Hawaiian Ent. Soc. 3: 341. [Food plants.]<sup>2</sup>
- 1922 *Nesodryas (Nesothoe) terryi* Giffard, Proc. Hawaiian Ent. Soc. 5: 106. [Listed.]<sup>1</sup>



## Genus ALOHA Kirkaldy

Haplotype *Aloha ipomoeae* [n. sp.] 1904 Kirkaldy, Entomologist **37**: 177. [Gen. n.]

Type *Aloha ipomoeae*, 1910 Kirkaldy, Fauna Hawaiiensis Suppl. :579.

Type *Aloha ipomoeae*, 1915 Muir, Canadian Ent. **47**: 261.

- Aloha 1904 Kirkaldy, Entomologist **37**: 177. [gen. n.]  
 1908 Kirkaldy, Proc. Hawaiian Ent. Soc. **1**: 201. [Key.]  
 1909 Pierce, Bull. United States Nat. Mus. **66**: 179. [Listed.]  
 1910 Kirkaldy, Fauna Hawaiiensis Suppl. :577. [Key, notes, key to Hawaiian species.] :582. [Comparative note.]  
 1912 Waterhouse, Index Zool. **2**: 11. [Listed.]  
 1915 Muir, Canadian Ent. **47**: 261, 212. [Listed.] :265. Equals *Nesopleias* Kirk. [in part.] :270. [Key.]  
 1916 Muir, Proc. Hawaiian Ent. Soc. **3**: 171. [Key.] :178. [Listed.] Equals *Nesopleias* Kirk. [in part.] :170. [Listed.] :213. [Listed.]  
 1916 Muir, Proc. Hawaiian Ent. Soc. **3**: 184. [Comparative note.] :200, 201, 206, 208. [Notes.]  
 1916 Oshanin, Horae Soc. Ent. Rossicae **42**: 88. [Bibliography.]  
 1917 Muir, Proc. Hawaiian Ent. Soc. **3**: 303, 304. [Listed.]  
 1917 Giffard, Proc. Hawaiian Ent. Soc. **3**: 341 [Listed.]  
 1919 Muir, Proc. Hawaiian Ent. Soc. **4**: 88. [Listed.]  
 1922 Giffard, Proc. Hawaiian Ent. Soc. **5**: 107, 113. [Listed.]  
 1926 Schulze, Kukenthal and Heider, Nomenclator animalium **1** (1): 114. [Listed.]  
 1939 Neave, Nomenclator Zoologicus **1**: 124. [Listed.]

## artemisiae Kirkaldy

- 1910 *Nesopleias artemisiae* Kirkaldy, Proc. Hawaiian Ent. Soc. **2**: 118. Hawaii<sup>1</sup>  
 [n. sp.]<sup>1</sup> (Hawaiian  
 Islands)  
 1910 *Nesopleias artemisiae* Swezey, Proc. Hawaiian Ent. Soc. **2**: 114.  
 [Listed.]<sup>2</sup> Oahu<sup>2</sup>  
 1916 *Aloha artemisiae* Muir, Proc. Hawaiian Ent. Soc. **3**: 182· Pl. 2, Fig. (Hawaiian  
 27. [Described, illustrated.]<sup>1</sup> Equals *Nesopleias artemisiae* Kirk. Islands)  
 :213. [Listed.]<sup>2</sup> :170. [Listed.] Equals *Nesopleias artemisiae* Kirk.  
 1916 *Aloha artemisiae* Muir, Proc. Hawaiian Ent. Soc. **3**: 180, 182, 183. [Comparative  
 note.] :203. [Note.]  
 1917 *Aloha artemisiae* Giffard, Proc. Hawaiian Ent. Soc. **3**: 342. [Food plants.]<sup>1</sup>  
 1922 *Aloha artemisiae* Giffard Proc. Hawaiian Ent. Soc. **5**: 107. [Listed.]<sup>2</sup>

## campylothecae Muir

- 1916 *Aloha campylothecae* Muir, Proc. Hawaiian Ent. Soc. **3**: 183· Pl. 2, Hawaii<sup>1</sup>  
 Fig. 25; Pl. 4, Fig. 64. [n. sp., illustrated.]<sup>2</sup> :213. [Listed.]<sup>2</sup> (Hawaiian  
 Islands)  
 1916 *Aloha kaalensis* Muir, Proc. Hawaiian Ent. Soc. **3**: 183; Pl. 2, Fig. (Hawaiian  
 24. [n. sp., illustrated.]<sup>2</sup> :213. [Listed.]<sup>2</sup> Oahu<sup>2</sup>  
 1916 *A[loha] kaalensis* Muir, Proc. Hawaiian Ent. Soc. **3**: 203. [Note.] (Hawaiian  
 1916 *Aloha campylothecae* Muir, Proc. Hawaiian Ent. Soc. **3**: 183. Islands)  
 [Comparative note.] :203. [Note.]  
 1917 *Aloha campylothecae* Muir, Proc. Hawaiian Ent. Soc. **3**: 303. [Notes.]<sup>1</sup> Equals *Aloha*  
*kaalensis* Muir.  
 1917 *Aloha kaalensis* Giffard, Proc. Hawaiian Ent. Soc. **3**: 342. [Food plants.]<sup>1</sup>  
 1917 *Aloha campylothecae* Giffard, Proc. Hawaiian Ent. Soc. **3**: 342. [Food plants.]<sup>1</sup>  
 1922 *Aloha campylothecae* Giffard, Proc. Hawaiian Ent. Soc. **5**: 107. [Listed.]<sup>2</sup>

*Aloha***dubautiae** Kirkaldy

- 1910 *Nesopleias* (?) *dubautiae* Kirkaldy, Fauna Hawaiiensis Suppl. :583 Oahu<sup>1</sup>  
[n. sp.]<sup>1</sup> :582. [Key.] (Hawaiian  
Islands)
- 1916 *Aloha dubautiae* Muir, Proc. Hawaiian Ent. Soc. 3: 182; Pl. 2, Fig. Hawaii<sup>2</sup>  
26. [Described, illustrated.]<sup>1</sup> Equals *Nesopleias dubautiae* Kirk. :170. [Listed.]<sup>1</sup> (Hawaiian  
Islands)
- 1916 *Aloha dubautiae* Muir, Proc. Hawaiian Ent. Soc. 3: 182. [Com-  
parative note.] :203. [Note.]
- 1917 *Aloha dubautiae* Giffard, Proc. Hawaiian Ent. Soc. 3: 342. [Food plants.]<sup>2</sup>
- 1922 *Aloha dubautiae* Giffard, Proc. Hawaiian Ent. Soc. 5: 107. [Listed.]<sup>1</sup>
- 1936 *Aloha dubautiae* Swezey, Proc. Hawaiian Ent. Soc. 9: 206. [Food plants.]<sup>1</sup>

**flavocollaris** Muir

- 1916 *Aloha flavocollaris* Muir, Proc. Hawaiian Ent. Soc. 3: 181; Pl. 2, Hawaii<sup>1</sup>  
Fig. 23. [n. sp., illustrated.]<sup>2</sup> :213 [Listed.]<sup>2</sup> (Hawaiian  
Islands)
- 1916 *Aloha flavocollaris* Muir, Proc. Hawaiian Ent. Soc. 3: 203. [Note.] Islands)
- 1917 *Aloha flavocollaris* Giffard, Proc. Hawaiian Ent. Soc. 3: 342. [Food Oahu<sup>2</sup>  
plants.]<sup>1</sup> (Hawaiian  
Islands)
- 1922 *Aloha flavocollaris* Giffard, Proc. Hawaiian Ent. Soc. 5: 107. Islands)  
[Listed.]<sup>2</sup>

*ipomoeae*. Typographical error for *Aloha ipomoeae* Kirkaldy.

**ipomoeae** Kirkaldy

- 1904 *Aloha ipomoeae* Kirkaldy, Entomologist 37: 177. [n. sp.]<sup>1</sup> :175. Honolulu<sup>1</sup>  
[Listed.]<sup>5</sup> (Hawaiian  
Islands)
- 1904 *Aloha ipomoeae* Kirkaldy, Hawaiian For. Agr. 1: 184. [Eco- Hawaii<sup>2</sup>  
nomics.]<sup>8</sup> (Hawaiian  
Islands)
- 1908 *Aloha ipomoeae* Kirkaldy, Proc. Hawaiian Ent. Soc. 1: 205; Pl. 4, (Hawaiian  
Fig. 9. [Listed, illustrated.]<sup>8</sup> Islands)
- 1909 *Aloha ipomoeae* Pierce, Bull. United States Nat. Mus. 66: 179. Molokai<sup>3</sup>  
[Parasitism.]<sup>2</sup> (Hawaiian  
Islands)
- 1910 *Aloha ipomoeae* Kirkaldy, Fauna Hawaiiensis Suppl. :581. Kauai<sup>4</sup>  
[Notes.]<sup>2,5</sup> :580. [Key.] (Hawaiian  
Islands)
- 1916 *Aloha ipomoeae* Muir, Proc. Hawaiian Ent. Soc. 3: 178; Pl. 2, (Hawaiian  
Fig. 17. [Described, illustrated.]<sup>6,7</sup> :169. [Notes.]<sup>2</sup> :170. [Listed.] Islands)  
:213. [Listed.]<sup>8</sup> Oahu<sup>5</sup>
- 1916 *Aloha ipomoeae* Muir, Proc. Hawaiian Ent. Soc. 3: 179, 180, 184, (Hawaiian  
186. [Comparative note.] :202, 203, 206, 207. [Notes.] Islands)
- 1917 *Aloha ipomoeae* Giffard, Proc. Hawaiian Ent. Soc. 3: 341. [Food Lanai<sup>6</sup>  
plants.]<sup>2</sup> (Hawaiian  
Islands)
- 1917 *Aloha ipomoeae* Muir, Proc. Hawaiian Ent. Soc. 3: 304, 309. Maui<sup>7</sup>  
[Comparative note.] (Hawaiian  
Islands)
- 1917 *Aloha ipomoeae* Pierce, Man. Dangerous Insects 1917: 210. (Hawaiian  
[Listed.]<sup>2</sup> Islands)
- 1918 *Aloha ipomoeae* [sic] Fenton, Ohio Jour. Sci. 18: 189. [Parasite] Hawaiian
- 1919 *Aloha ipomoeae* Muir, Proc. Hawaiian Ent. Soc. 4: 88. [Notes.]<sup>3,7</sup> Islands<sup>8</sup>
- 1921 *Aloha ipomoeae* Muir, Proc. Hawaiian Ent. Soc. 4: 508. [Listed.]
- 1922 *Aloha ipomoeae* Giffard, Proc. Hawaiian Ent. Soc. 5: 107. [Listed.]<sup>2,3,4,5,6,7</sup> :113.  
[Food plants.]<sup>8</sup>
- 1922 *Aloha ipomoeae* Muir, Proc. Hawaiian Ent. Soc. 5: 97. [Comparative note.]

*ipomoeicola* Kirkaldy. See *Ilburnia ipomoeicola* Kirkaldy.

*kaalensis* Muir. See *Aloha campylothecae* Muir.

**kirkaldyi** Muir

- 1916 *Aloha kirkaldyi* Muir, Proc. Hawaiian Ent. Soc. 3: 180; Pl. 2, Fig. 20; Pl. 3, Fig. 63. [n.sp., illustrated.]<sup>2</sup> :213. [Listed.]<sup>2</sup> :184. [Comparative note.] Hawaii<sup>1</sup>  
(Hawaiian Islands)
- 1917 *Aloha kirkaldyi* Giffard, Proc. Hawaiian Ent. Soc. 3: 341. [Food plants.]<sup>1</sup> Oahu<sup>2</sup>  
(Hawaiian Islands)
- 1918 *Aloha kirkaldyi* Bridwell, Proc. Hawaiian Ent. Soc. 3: 386. [Food plants.]<sup>3</sup> Hawaiian  
Islands<sup>3</sup>
- 1922 *Aloha kirkaldyi* Giffard, Proc. Hawaiian Ent. Soc. 5: 107. [Listed.]<sup>2</sup>

*lehuae* Kirkaldy. See *Leialoha lehuae* Kirkaldy

**myoporicola** Kirkaldy

- 1910 *Aloha* (?) *myoporicola* Kirkaldy, Fauna Hawaiiensis Suppl. :581. [n. sp.]<sup>1</sup> :579. [Key, note.] Hawaii<sup>1</sup>  
(Hawaiian Islands)
- 1916 *Aloha myoporicola* Muir, Proc. Hawaiian Ent. Soc. 3: 170. [Listed.] :179; Pl. 2, Fig. 18. [Notes, illustrated.]<sup>1</sup> :213. [Listed.]<sup>3</sup> Hawaiian  
Islands<sup>2</sup>
- 1917 *Aloha myoporicola* Giffard, Proc. Hawaiian Ent. Soc. 3: 341. [Food plants.]<sup>1</sup> Lanai<sup>3</sup>
- 1917 *Aloha myoporicola* Muir, Proc. Hawaiian Ent. Soc. 3: 303. [Notes.]<sup>1</sup> :309. [Comparative note.] (Hawaiian  
Islands)
- 1918 *Aloha myoporicola* Giffard, Proc. Hawaiian Ent. Soc. 3: 410. [Food plants.]<sup>1</sup> Molokai<sup>4</sup>  
(Hawaiian Islands)
- 1921 *Aloha myoporicola* Muir, Proc. Hawaiian Ent. Soc. 4: 510; Pl. 8, Fig. 8. [Illustrated.]<sup>1</sup>
- 1922 *Aloha myoporicola* Giffard, Proc. Hawaiian Ent. Soc. 5: 107, [Listed.]<sup>1,3</sup>
- 1931 *Aloha myoporicola* Swezey, Proc. Hawaiian Ent. Soc. 7: 341. [Food plants.]<sup>4</sup>

*naniicola* Kirkaldy. See *Leialoha naniicola* Kirkaldy.

*oceanides* Kirkaldy. See *Leialoha oceanides* Kirkaldy.

*ohiae* Kirkaldy. See *Leialoha ohiae* Kirkaldy.

*pacifica* Kirkaldy. See *Leialoha pacifica* Kirkaldy.

**plectranthi** Muir

- 1916 *Aloha plectranthi* Muir, Proc. Hawaiian Ent. Soc. 3: 179; Pl. 2, Fig. 19. [n. sp., Illustrated.]<sup>2</sup> :213. [Listed.]<sup>2</sup> Hawaii<sup>1</sup>  
(Hawaiian Islands)
- 1917 *Aloha plectranthi* Giffard, Proc. Hawaiian Ent. Soc. 3: 341. [Food plants.]<sup>1</sup> Oahu<sup>2</sup>
- 1922 *Aloha plectranthi* Giffard, Proc. Hawaiian Ent. Soc. 5: 107. [Listed.]<sup>2</sup> (Hawaiian  
Islands)

**swezeyi** Muir

- 1916 *Aloha swezeyi* Muir, Proc. Hawaiian Ent. Soc. 3: 180; Pl. 2, Fig. 21. [n. sp., Illustrated.]<sup>4</sup> :213. [Listed.]<sup>4</sup> :183. [Comparative note.] Hawaii<sup>1</sup>  
(Hawaiian Islands)
- 1917 *Aloha swezeyi* Giffard, Proc. Hawaiian Ent. Soc. 3: 341. [Food plants.]<sup>1</sup> Hawaiian  
Islands<sup>2</sup>
- 1917 *Aloha swezeyi* Muir, Proc. Hawaiian Ent. Soc. 3: 303 [Notes.]<sup>4</sup>
- 1918 *Aloha swezeyi* Giffard, Proc. Hawaiian Ent. Soc. 3: 408, 410. [Food plants.]<sup>1</sup> Kauai<sup>2</sup>  
(Hawaiian Islands)
- 1922 *Aloha swezeyi* Muir, Proc. Hawaiian Ent. Soc. 5: 96; Pl. 3, Fig. 9. [Notes, illustrated.]<sup>3</sup> Oahu<sup>4</sup>
- 1922 *Aloha swezeyi* Giffard, Proc. Hawaiian Ent. Soc. 5: 107. [Listed.]<sup>1,3,4</sup> :113 [Food plants.]<sup>2</sup> (Hawaiian  
Islands)

*wailupensis* Muir. See *Ilburnia wailupensis* Muir

## Genus NESORESTIAS Kirkaldy

Haplotype *Nesorestias filicicola* [n. sp.] 1908 Kirkaldy, Proc. Hawaiian Ent. Soc. 1: 205.

Type *Nesorestias filicicola* 1915 Muir, Canadian Ent. 47: 265.

[*Nesopleias* Kirkaldy]

[Logotype *Nesopleias nimbata* 1915 Muir, Canadian Ent. 47: 265.]

- Nesorestias 1908 Kirkaldy, Proc. Hawaiian Ent. Soc. 1: 205. [gen. n.] :201. [Key.]  
1910 Kirkaldy, Fauna Hawaiiensis Suppl. :583. [Listed.] :577. [Key.] :582. [Comparative note.]
- Nesopleias* 1910 Kirkaldy, Fauna Hawaiiensis Suppl. :582. [gen. n., key to species.] :577. [Key.]
- Nesorestias 1912 Waterhouse, Index Zool. II: 192. [Listed.]  
1912 Waterhouse, Index Zool. II: 192. [Listed.]  
1915 Muir, Canadian Ent. 47: 212, 265. [Listed.] :270. [Key.]
- Nesopleias* 1915 Muir, Canadian Ent. 47: 265. [Listed.] To *Nesorestias* Kirk. [in part.] To *Aloha* Kirk. [in part.]
- Nesoplias* [sic] 1915 Muir, Canadian Ent. 47: 212. [Listed.]
- Nesorestias 1916 Muir, Proc. Hawaiian Ent. Soc. 3: 171. [Key.] :183. [Listed.] Equals *Nesopleias* Kirk. [in part.] :214. [Listed.] :200, 201, 203. [Note.]
- Nesopleias* 1916 Oshanin, Horae Soc. Ent. Rossicae 42: 88. [Bibliography.]
- Nesorestias 1917 Giffard, Proc. Hawaiian Ent. Soc. 3: 342. [Listed.]  
1917 Muir, Proc. Hawaiian Ent. Soc. 3: 304. [Comparative note.]  
1922 Giffard, Proc. Hawaiian Ent. Soc. 5: 107. [Listed.]  
1932 Schulze, Kükenthal and Heider, Nomenclator animalium 4 (16): 2248. [Listed.]
- Nesopleias* 1932 Schulze, Kükenthal and Heider, Nomenclator animalium 4 (16): 2248 [Listed.]
- Nesorestias 1940 Neave, Nomenclator Zoologicus 3: 324. [Listed.]  
1940 Neave, Nomenclator Zoologicus 3: 325. [Listed.]

**filicicola** Kirkaldy

- 1908 *Nesorestias filicicola* Kirkaldy, Proc. Hawaiian Ent. Soc. 1: 205. Hawaiian Islands<sup>1</sup>  
[n. sp.]<sup>2</sup>
- 1910 *Nesorestias filicicola* Kirkaldy, Fauna Hawaiiensis Suppl. :583. Oahu<sup>2</sup>  
[Listed.]<sup>2</sup> (Hawaiian Islands)
- 1916 *Nesorestias filicicola* Muir, Proc. Hawaiian Ent. Soc. 3: 184. Hawaii  
Pl. 2, Fig. 28; Pl. 4, Fig. 76. [Described, illustrated.]<sup>1</sup> :214. [Listed.]<sup>2</sup>
- 1916 *Nesorestias filicicola* Muir, Proc. Hawaiian Ent. Soc. 3: 184. (Hawaiian Islands)  
[Comparative note.] :203 [Note.]
- 1917 *Nesorestias filicicola* Giffard, Proc. Hawaiian Ent. Soc. 3: 342. [Food plants.]<sup>3</sup>
- 1917 *Nesorestias filicicola* Muir, Proc. Hawaiian Ent. Soc. 3: 304. [Comparative note.]
- 1922 *Nesorestias filicicola* Giffard, Proc. Hawaiian Ent. Soc. 5: 107. [Listed.]<sup>2</sup>
- 1922 *Nesorestias filicicola* Muir, Proc. Hawaiian Ent. Soc. 5: 88. [Comparative note.]

**nimbata** Kirkaldy

- 1910 *Nesopleias nimbata* Kirkaldy, Fauna Hawaiiensis Suppl.: 582. Hawaii (Hawaiian Islands)<sup>1</sup>  
[n. sp., key.]<sup>2</sup>
- 1916 *Nesorestias nimbata* Muir, Proc. Hawaiian Ent. Soc. 3: 184; Pl. 2, Fig. 29; Pl. 4, Fig. 77. [Described, illustrated.]<sup>3</sup> Equals *Nesopleias nimbata* Kirk. :170. [Notes.] Equals *Nesopleias nimbata* Kirk. :214. [Listed.]<sup>2</sup> (Hawaiian Islands)<sup>2</sup>

- 1917 *Nesorestias nimbata* Giffard, Proc. Hawaiian Ent. Soc. 3: 342. Hawaiian Islands<sup>3</sup>  
 [Food plants.]<sup>1</sup>
- 1922 *Nesorestias nimbata* Giffard, Proc. Hawaiian Ent. Soc. 5: 107. [Listed.]<sup>2</sup>
- 1922 *Nesorestias nimbata* Muir, Proc. Hawaiian Ent. Soc. 5: 99. [Comparative note.]

Genus **NOTHORESTIAS** Muir

Haplotype *Nothorestias badia* [n. sp.] 1917 Muir, Proc. Hawaiian Ent. Soc. 3: 304.

- Nothorestias 1917 Muir, Proc. Hawaiian Ent. Soc. 3: 304. [gen. n.]  
 1917 Giffard, Proc. Hawaiian Ent. Soc. 3: 342. [Listed.]  
 1922 Giffard, Proc. Hawaiian Ent. Soc. 5: 107, 113. [Listed.]  
 1933 Schulze, Kükenthal and Heider, Nomenclator animalium 4 (17): 2273. [Listed.]  
 1940 Neave, Nomenclator Zoologicus 3: 350. [Listed.]

**badia** Muir

- 1917 *Nothorestias badia* Muir, Proc. Hawaiian Ent. Soc. 3: 304; Pl. 5, Hawaii<sup>1</sup>  
 Fig. 9. [n. sp., illustrated.]<sup>2,3</sup> (Hawaiian Islands)
- 1917 *Nothorestias badia* Giffard, Proc. Hawaiian Ent. Soc. 3: 342. Oahu<sup>2</sup>  
 [Food plants.]<sup>1</sup>:348. [Listed.] (Hawaiian Islands)
- 1922 *Nothorestias badia* Giffard, Proc. Hawaiian Ent. Soc. 5: 107. Maui<sup>3</sup>  
 [Listed.]<sup>2</sup> (Hawaiian Islands)
- 1922 *Nothorestias badia* Muir, Proc. Hawaiian Ent. Soc. 5: 88. [Comparative note.] (Hawaiian Islands)

**swezeyi** Muir

- 1922 *Nothorestias swezeyi* Muir, Proc. Hawaiian Ent. Soc. 5: 87; Figs. Oahu<sup>1</sup>  
 1, 2. [n. sp., illustrated.]<sup>1</sup> (Hawaiian Islands)
- 1922 *Nothorestias swezeyi* Giffard, Proc. Hawaiian Ent. Soc. 5: 107. Hawaiian Islands<sup>2</sup>  
 [Listed.]<sup>1</sup>:113. [Food plants.]<sup>2</sup>

Genus **DICTYOPHORODELPHAX** Swezey

Haplotype *Dictyophorodelphax mirabilis* [n. sp.] 1907 Swezey, Proc. Hawaiian Ent. Soc. 1: 104.

Type *Dictyophorodelphax mirabilis* 1915 Muir, Canadian Ent. 47: 263.

- Dictyophorodelphax 1907 Swezey, Proc. Hawaiian Ent. Soc. 1: 104. [gen. n.]  
 1908 Kirkaldy, Proc. Hawaiian Ent. Soc. 1: 201. [Key.]  
 1910 Kirkaldy, Fauna Hawaiiensis Suppl. :598. [Listed.] :577. [Key.]  
 1912 Waterhouse, Index Zool. II: 81. [Listed.]  
 1913 Kershaw, Psyche 20: 175. [Morphology of alimentary canal.]  
 1914 Kershaw, Psyche 21: 65. [Morphology of alimentary canal.]  
 1915 Muir, Canadian Ent. 47: 212, 263. [Listed.] :270 [Key.]  
 1916 Muir, Proc. Hawaiian Ent. Soc. 3: 171. [Key.] :184. [Listed.] :170, 214. [Listed.]  
 1916 Muir, Proc. Hawaiian Ent. Soc. 3: 200, 201, 202, 203, 208. [Notes.]  
 1917 Giffard, Proc. Hawaiian Ent. Soc. 3: 342. [Listed.]  
 1920 Muir, Proc. Linn. Soc. New South Wales 45: 182. [Comparative note.]  
 1922 Giffard, Proc. Hawaiian Ent. Soc. 5: 107, 113. [Listed.]



*Dictyophorodelphax*

- 1928 Schulze, Kükenthal and Heider, *Nomenclator animalium* 2 (9): 990. [Listed.]  
 1937 Swezey, *Proc. Hawaiian Ent. Soc.* 9: 431. [Key to species.]  
 1939 Neave, *Nomenclator Zoologicus* 2: 80. [Listed.]

**mirabilis** Swezey

- 1907 *Dictyophorodelphax mirabilis* Swezey, *Proc. Hawaiian Ent. Soc.* Hawaii<sup>1</sup>  
 1: 105. [n. sp.]<sup>2</sup> (Hawaiian  
 Islands)  
 1908 *Dictyophorodelphax mirabilis* Swezey, *Proc. Hawaiian Ent. Soc.* 2:  
 2; Figs. 1, 2, 3. [Adult illustrated.] :Figs. 4, 5. [Nymph described, Oahu<sup>2</sup>  
 illustrated.]<sup>2</sup> (Hawaiian  
 Islands)  
 1908 *Dictyophorodelphax mirabilis* Kirkaldy, *Proc. Hawaiian Ent. Soc.*  
 1: 205. [Listed.]<sup>3</sup> Hawaiian  
 Islands<sup>3</sup>  
 1910 *Dictyophorodelphax mirabilis* Kirkaldy, *Fauna Hawaiiensis Suppl.*  
 :598. [Listed.]<sup>2</sup>  
 1913 *Dictyophorodelphax mirabilis* Kershaw, *Psyche* 20: 185; Pl. 5, Fig. 7. [Anatomy  
 alimentary canal, illustrated.]  
 1916 *Dictyophorodelphax mirabilis* Muir, *Proc. Hawaiian Ent. Soc.* 3: 204, 205. [Notes.]  
 1916 *Dictyophorodelphax mirabilis* Muir, *Proc. Hawaiian Ent. Soc.* 3: 184. [Described.]<sup>3</sup>  
 :213. [Listed.] 2  
 1917 *Dictyophorodelphax mirabilis* Giffard, *Proc. Hawaiian Ent. Soc.* 3: 342. [Food  
 plants.]<sup>1</sup>  
 1917 *Dictyophorodelphax mirabilis* Bridwell, *Proc. Hawaiian Ent. Soc.* 3: 279. [Notes.]<sup>2</sup>  
 1918 *Dictyophorodelphax mirabilis* Bridwell, *Proc. Hawaiian Ent. Soc.* 3: 386. [Comparative  
 note.]  
 1919 *D[ictyophorodelphax] mirabilis* Bridwell, *Proc. Hawaiian Ent. Soc.* 4: 72, 73. [Com-  
 parative note.]  
 1922 *Dictyophorodelphax mirabilis* Giffard, *Proc. Hawaiian Ent. Soc.* 5: 107. [Listed.]<sup>2</sup>  
 1937 *Dictyophorodelphax mirabilis* Swezey, *Proc. Hawaiian Ent. Soc.* 9: 431. [Listed.]<sup>2</sup>  
 :432. [Key.]

**praedicta** Bridwell

- 1919 *Dictyophorodelphax praedicta* Bridwell, *Proc. Hawaiian Ent. Soc.* Hawaii<sup>1</sup>  
 4: 72; Fig. 1. [n. sp., illustrated.]<sup>2</sup> (Hawaiian  
 Islands)  
 1922 *Dictyophorodelphax praedicta* Giffard, *Proc. Hawaiian Ent. Soc.*  
 5: 107. [Listed.]<sup>2</sup> :113. [Food plants.]<sup>3</sup> Maui<sup>2</sup>  
 1936 *Dictyophorodelphax praedicta* Swezey, *Proc. Hawaiian Ent. Soc.* 9:  
 208. [Food plants.]<sup>2</sup> (Hawaiian  
 Islands)  
 1937 *Dictyophorodelphax praedicta* Swezey, *Proc. Hawaiian Ent. Soc.* 9: Hawaiian  
 431. [Comparative note.]<sup>2</sup> :432. [Key.] Islands<sup>3</sup>

**swezeyi** Bridwell

- 1918 *Dictyophorodelphax swezeyi* Bridwell, *Proc. Hawaiian Ent. Soc.* 3: Hawaiian  
 :386. [n. sp.]<sup>1</sup> Islands<sup>1</sup>  
 1919 *D[ictyophorodelphax] swezeyi* Bridwell, *Proc. Hawaiian Ent. Soc.* Oahu<sup>2</sup>  
 4: 72, 73. [Comparative note.] (Hawaiian  
 Islands)  
 1922 *Dictyophorodelphax swezeyi* Giffard, *Proc. Hawaiian Ent. Soc.* 5:  
 107. [Listed.]<sup>2</sup> :113. [Food plants.]<sup>1</sup>  
 1937 *Dictyophorodelphax swezeyi* Swezey, *Proc. Hawaiian Ent. Soc.* 9: 431. [Key.]<sup>2</sup>

**usingeri** Swezey

- 1937 *Dictyophorodelphax usingeri* Swezey, *Proc. Hawaiian Ent. Soc.* Lanai<sup>1</sup>  
 9: 431. [n. sp.]<sup>1</sup> :432. [Key.] (Hawaiian  
 Islands)

Genus **PROTEROSYDNE** Kirkaldy

Haplotype *Proterosydne* [sic] *arborea* [n. sp.] 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 130.

Type *Proterosydne arborea* 1914 Crawford, Mon. Delphacidae :570.

Type *Proterosydne arborea* 1915 Muir, Canadian Ent. **47**: 266.

- Proterosydne* [sic] 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 130. [gen. n.]  
*Proterosydne* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 124. [Morphology.] :126. [Key.] :13 [Listed.]
- Proterosydne* [sic] 1912 Waterhouse, Index Zoologicus **II**: 246. [Listed.]  
*Proterosydne* 1914 Crawford, Mon. Delphacidae :570. [Described.] :562. [Key.]  
 1915 Muir, Canadian Ent. **47**: 212, 266. [Listed.] :270. [Key.] :209. [Morphology.]  
 1916 Muir, Proc. Hawaiian Ent. Soc. **3**: 172. [Key.] :170. [Notes.]  
 1917 Muir, Philippine Jour. Sci. **12**: 351. [Comparative note.]  
 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 7. [Comparative note.]
- Proterosydne* [sic] 1935 Schulze, Kükenthal and Heider, Nomenclator animalium **4** (20): 2861. [Listed.]  
*Proterosydne* 1935 Schulze, Kükenthal and Heider, Nomenclator animalium **4** (20): 2861. [Listed.]  
 1940 Neave, Nomenclator Zoologicus **3**: 935. [Listed.]  
*Proterosydne* [sic] 1940 Neave, Nomenclator Zoologicus **3**: 935. To *Proterosydne* Kirkaldy.

**arborea** Kirkaldy

- 1907 *Proterosydne* [sic] *arborea* Kirkaldy, Bull. Hawaiian Sugar Queensland<sup>1</sup> Pl. Assoc. **3**: 131; Pl. 18, Figs. 11, 12. [n. sp., illustrated.]<sup>1</sup>  
 1907 *Proterosydne arborea* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 13. [Listed.]  
 1910 *Proterosydne arboricola* [sic] Kirkaldy, Fauna Hawaiiensis Suppl.: 576. [Notes.]<sup>1</sup>  
 1920 *Proterosydne arborea* Muir, Proc. Linn. Soc. New South Wales **45**: 182. [Note.]

*arboricola*. Typographical error for *Proterosydne arborea* Kirkaldy.

*pictifrons* Stål. See *Burnilia pictifrons* Stål.

Genus **VIZCAYA** Muir

Haplotype *Vizcaya bakeri* [n. sp.] 1917 Muir, Philippine Jour. Sci. **12**: 351.

- Vizcaya* 1917 Muir, Philippine Jour. Sci. **12**: 351. [gen. n.]  
 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 7. [Comparative note.]  
 1940 Neave, Nomenclator Zoologicus **4**: 645. [Listed.]

**bakeri** Muir

- 1917 *Vizcaya bakeri* Muir, Philippine Jour. Sci. **12**: 351. [n. sp.]<sup>1</sup> Luzon<sup>1</sup>  
 (Philippine  
 Islands)

Genus **BURNILIA** Muir and Giffard

Orthotype *Delphax pictifrons* 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 7.

Type *Delphax pictifrons* 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 5.

*Burnilia—Stiroma*

- Burnilia* 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 7. [gen. n.] :4 [Key.  
1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 5. [Listed.]  
1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 302. [Listed.]  
1939 Neave, Nomenclator Zoologicus **1**: 503. [Listed.]

**belemensis** Muir

- 1926 *Burnilia belemensis* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 5 Brazil<sup>1</sup>  
[n. sp.]<sup>1</sup>

**heliconiae** Muir

- 1926 *Burnilia heliconiae* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 6 British Guiana<sup>1</sup>  
[n. sp.]<sup>1</sup>

**longicaput** Muir

- 1926 *Burnilia longicaput* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 6 British Guiana<sup>1</sup>  
[n. sp.]<sup>1</sup>

**pictifrons** Stål

- 1864 *Delphax pictifrons* Stål, Stett. Ent. Zeit. **25**: 50 [n. sp.]<sup>1</sup> Mexico<sup>1</sup>  
1897 *Delphax pictifrons* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 227, British  
261. [Listed.]<sup>1</sup> Honduras<sup>2</sup>  
1910 *Delphax pictifrons* Kirkaldy, Canadian Ent. **42**: 65. [Listed.]<sup>1</sup> Nicaragua<sup>3</sup>  
1914 *Proterosydne pictifrons* Crawford, Mon. Delphacidae :571; Pl. Ecuador<sup>4</sup>  
45, Figs. D-H; Pl. 49, Fig. M. [Described, illustrated.]<sup>2,3</sup> Equals Central  
*Hygyops* [sic] *pictifrons* [sic] Stål [error] Equals *Delphax pictifrons* America<sup>5</sup>  
Stål. Honduras<sup>6</sup>  
1915 *Delphax pictifrons* Bergroth, Canadian Ent. **47**: 216. [Distinct.]<sup>1</sup>  
1924 *Burnilia pictifrons* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 7. [Notes.]  
Equals *Delphax pictifrons* Stål. Equals *Proterosydne pictifrons* (Stål) Crawford.  
1926 *Burnilia pictifrons* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 1. [Distribution.] :5;  
Pl. 1, Fig. 2. [Notes, illustrated.]<sup>1,3,4,6</sup>  
1938 *Burnilia pictifrons* Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 302. [Listed.]<sup>5</sup>  
Equals *Delphax pictifrons* Stål.

**williamsi** Muir

- 1926 *Burnilia williamsi* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 5; Brazil<sup>1</sup>  
Pl. 1, Fig. 3. [n. sp., illustrated.]<sup>1</sup> :6. [Comparative note.]

Genus **STIROMA** Fieber

Logotype *Stiroma affinis* 1912 Oshanin, Kat. Paläark. Hemip. :120.

Pseudotype *Stiroma moesta* 1915 Muir, Canadian Ent. **47**: 267.

Type *Stiroma affinis* 1929 Haupt, Zool. Jahrb. Syst. Ökol. **58**: 212.

Type *Stiroma affinis* 1935 Haupt, Tierwelt Mitteleuropas **4** (3): 131.

[*Ditropis* Kirschbaum]

[Logotype *Ditropis pteridis* Boheman.]

- Ditropis* 1866 Fieber, Verh. Zool. Bot. Ges. Wien **16**: 533. [Listed.] [nom. nud.]  
*Stiroma* 1866 Fieber, Verh. Zool. Bot. Ges. Wien **16**: 531. [gen. n.] :521. [Key.] :532.  
[Listed.]  
1867 Dallas, Zool. Rec. **3**: 561. [Key.]  
*Ditropis* 1868 Kirschbaum, Cicad. Wiesbaden :11. [gen. n., key.] :41. [Key to species.]

- Delphax* 1869 Lethierry, Cat. Hémipt. du Nord: 353. [Listed.] [nec Fabricius] [in part]  
*Stiroma* 1870 Oshanin, Mém. Soc. Amis Sci. Nat. Moscou 6: 46. [Listed.] Equals *Delphax* Fabr. [in part.]  
 1870 Scott, Ent. Monthly Mag. 7: 24. [Described.] :73. [Key to species.]  
*Ditropis* 1871 Sahlberg, Not. Fennica (n. s.) 9 (12): 75. [Key.] :471. [Described.] :58. [Listed.] :20. [Dimorphism.]  
*Stiroma* 1871 Oshanin, Bull. Imp. Soc. Nat. Hist. Imp. Univ. Moscou 6 (3): 29. [Listed.] Equals *Delphax* Fabr. [in part.]  
 1871 Brischke, Verz. Wanzen und Zirpen Prov. Preussen :13. [Listed.] Equals *Ditropis* Fieb.  
 1872 Fieber, Kat. Europäischen Cicad. :6. [Listed.] Equals *Ditropis* Fieb. Equals *Delphax* Auct. [in part.]  
 1873 Marschall, Nomenclator Zoologicus :382. [Listed.]  
*Ditropis* 1874 Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 84. [Listed.]  
*Stiroma* 1874 Lethierry, Cat. Hémipt. Dept. du Nord Second Ed. :259 (55). [Listed.]  
*Ditropis* 1875 Reuter, Ann. Soc. Ent. France (5) 5: 233. [Polymorphism.]  
*Stiroma* 1875 Fieber, Cicad. d'Europe Pt. 1: 380 (93). [Key.] Equals *Ditropis* Fieb.  
 1875 Puton, Cat. Hémipt. d'Europe 2 Ed. :122. [Listed.] Equals *Ditropis* Fieb.  
 1875 Reuter, Ann. Soc. Ent. France (5) 5: 233. [Polymorphism.]  
 1876 Douglas and Scott, Cat. British Hemip.: 70. [Listed.]  
 1877 Uhler, Bull. United States Geol. Geog. Surv. Terr. 3 (2): 458. [Listed.]  
 1879 Fieber, Cicad. d'Europe Pt. 4: 154 (90). [Key to species.] Equals *Ditropis* Fieb.  
 1880 Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 56. [Listed.]  
 1882 Scudder, Nomenclator Zoologicus. Univ. Index :304. [Listed.]  
 1882 Ferrari, Cicad. Agri. Ligustici :88. (16). [Key.] :94. (22) [Listed]  
 1884 Mayr, Tabellen :21. [Key.] Equals *Ditropis* Fieb.  
*Delphax* 1885 Fairmaire, Hist. Nat. France Hémipt. :142. [Key.] :145. [Described.] [nec Fabricius] [in part].  
*Stiroma* 1885 Ivanoff, Liste des Cigales :89 (7) [Listed.] :98 (16) [Key.] :117 (35) [Key to species.]  
 1886 Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :74. [Listed.] Equals *Ditropis* Fieb.  
 1886 Then, Kat. Österreichischen Cicad. 1886: 16. [Listed.]  
 1886 Edwards, Syn. British Homop.-Cicadina Pt. 1: 93; Pl. 1 Fig. 21. [Described, illustrated, key to British species.] :55. [Key.]  
 1887 de Carlini, Boll. Soc. Ent. Italiana 19: 271. [Listed.]  
 1888 Dubois, Mém. Soc. Linn. Nord France 7: 156 (60). [Listed.]  
 1890 Saunders and Edwards, Cat. British Hemiptera :12. [Listed.]  
*Liburnia* 1890 Buckton, Mon. British Cicadae :65. [Synopsis of species.] [nec Stål] [in part]  
*Stiroma* 1890 Buckton, Mon. British Cicadae 2: xxix. [Listed.]  
 1890 Buckton, Mon. British Cicadae 1: 28. [Key.]  
 1890 Buckton, Mon. British Cicadae 3: 68. [Described.]  
 1890 Saunders and Edwards, Cat. British Hemiptera 1890: 12. [Listed.] Equals *Eurybregma* Scott [error.]  
 1891 Fokker, Cat. Nederland Hemip. :367. [Listed.]  
 1892 Dominique, Bull. Soc. Sci. Nat. Quest France 2: 116. [Listed.]  
 1892 Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]  
 1892 Spitzner, Verh. Naturf. Ver. Brünn 30: 27. [Listed.]  
 1892 Duda, Cat. Ins. Faunae Bohemicae :29. [Listed.] Equals *Ditropis* Fieb.  
 1894 Edwards, Hemip.-Homop. British Islands Pt. 3: 73. [Described, key to species.] Equals *Eurybregma* Scott [error.]  
 1894 Edwards, Hemip.-Homop. British Islands Pt. 1: Pl. 1, Fig. 21. [Illustrated.] :29. [Key.]  
 1895 Dominique, Bull. Soc. Sci. Nat. Ouest France 5: 25. [Listed.]



*Stiroma*

- 1895 Wüstnei, Schr. Nat. Ver. Schleswig-Holsteins. **10**: 270. [Listed.]  
 1896 Melichar, Cicad. Mittel-Europa :100. [Described, key to species.] :51. [Key.]  
*Delphax* 1897 Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 260. [Listed.] :227. [Listed.]  
 1897 Alcoque, Faune France :401; Pl. 162, Fig. D. [Key to species, illustrated.] :400 [Key.] [nec Fabricius] [in part]  
*Stiroma* 1897 Horváth, Fauna Regni Hungariae :57. [Listed.]  
 1899 Puton, Cat. Hémipt. Faune Paléarctique 4 Ed.: 109. [Listed.] Equals *Ditropis* Fieb.  
 1900 Lameere, Manuel Faune Belgique **2**: 140. [Key.] :142. [Listed.]  
 1901 Horváth, Zool. Erg. Zichy :256. [Listed.]  
 1901 Kirkaldy, Entomologist **34**: 338. [Listed.]  
 1901 Lambertie, Act. Soc. Linn. Bordeaux **56**: 90. [Listed.] Equals *Ditropis* Fieb. [in part.]  
*Ditropis* 1901 Lambertie, Act. Soc. Linn. Bordeaux **56**: 216 (88). To *Kelisia* Fieb. [error.]  
*Stiroma* 1902 Dominique, Bull. Soc. Sci. Nat. Ouest France (11) **2**: 223. [Listed.]  
*Ditropis* 1902 Waterhouse, Index Zool. :112. [Listed.]  
*Stiroma* 1902 Cobelli, Cicadine Trentino :11. [Listed.]  
 1903 Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste **21**: 63 (23). [Listed.]  
 1903 Henshaw, Psyche **10**: 229. [Listed.]  
 1904 Hueber, Syst. Verz. deutschen Zikadinen :270. [Listed.] Equals *Ditropis* Fieb.  
 1904 Swezey, Prelim. Cat. Fulgoridae North America **1904**: 43. [Listed.]  
 1906 Matsumura, Schr. Nat. Ges. Danzig **11**: 77. [Listed.] Equals *Ditropis* Fieb.  
 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 131. To *Criomorpha* Curt. [error.]  
 1907 Oshanin, Verz. Palaark. Hemip. **2**: (2) 334. [Listed.] Equals *Ditropis* Fieb. Equals *Eurybregma* Scott [error.]  
*Ditropis* 1907 Butler, Hemip. Hastings :49. [Note.]  
 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 131. To *Criomorpha* Curt. [error.]  
*Stiroma* 1908 Horváth, Ann. Mus. Nat. Hungarici **6**: 9. [Listed.]  
 1908 Saunders and Edwards, Cat. British Hemiptera **1908**: 15. [Listed.] Equals *Eurybregma* Scott [error.]  
 1910 Lambertie, Act. Soc. Linn. Bordeaux **56**: 218 (90). [Listed.] Equals *Ditropis* Kirschb.  
 1910 Lambertie, Misc. Ent. **18**: 93. [Listed.] Equals *Ditropis* Fieb. [in part.]  
 1912 Oshanin, Kat. Paläark. Hemip. :120. [Listed.] Equals *Ditropis* Fieb. Equals *Criomorpha* Curt. [error.] Equals *Eurybregma* Scott [error.]  
 1912 Schmidt, Stett. Ent. Zeit. **73**: 150. [Listed.]  
 1913 Dalla Torre, Ent. Jahrb. **22**: 149. [Listed.]  
 1914 Van Duzee, Psyche **21**: 164. [Notes.]  
 1915 Muir, Canadian Ent. **47**: 262, 267. To *Criomorpha* Curt. [error.]  
 1915 Jacobsen, Ent. Medd. **10**: 320. [Listed.]  
 1915 Jensen-Haarup, Flora och Fauna **1915**: 98. [Key.]  
*Dictropis* [sic] 1915 Muir, Canadian Ent. **47**: 263. [To *Stiroma*.]  
*Ditropis* 1915 Muir, Canadian Ent. **47**: 262. To *Criomorpha* Curt. [error.]  
*Stiroma* 1916 Jensen-Haarup, Flora och Fauna **1916**: 34. [Comparative note.] :36. [Described, key to species.] Equals *Ditropis* Fieb.  
 1916 Van Duzee, Check List Hemip. America :85. To *Criomorpha* Curt. [error.]  
 1917 Jensen-Haarup, Ent. Medd. **11**: 2. [Comparative note.]  
 1917 Van Duzee, Cat. Hemip. America :780. To *Criomorpha* Curt. [error.]  
*Ditropis* 1917 Van Duzee, Cat. Hemip. America :781. To *Criomorpha* Curt. [error.]  
*Stiroma* [sic] 1919 Lyle, Entomologist **52**: 7. [Listed.]



- Stiroma* 1920 Tullgren and Wahlgren, Svenska Insekter 1920: 152. [Key.] :153. [Listed.]  
 1920 Jensen-Haarup, Danmarks Fauna :62. [Described, key to species.] Equals *Ditropis* Fieb. :31. [Key.]  
 1924 Lindberg, Acta Soc. Fauna Flora Fennica 56: 46. [Listed.] Equals *Ditropis* Fieb.  
 1925 Handlirsch, Schröder's Handb. Ent. 3 (9): 1112. [Listed.]  
 1925 Haupt, Mitt. Münchner Ent. Ges. 15: 18. [Listed.]  
 1925 Kupka, Mitt. Münchner Ent. Ges. 15: 111. [Listed.]  
 1926 Rémy-Perrier, Homop. Faune France 4: 90. [Key.] :93. [Key to species.]  
 1927 Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 144. [Listed.]  
 1928 Filipieff, Guide to Insects :158. [Key.] :160. [Listed.]  
*Ditropis* 1928 Schulze, Kükenthal and Heider, Nomenclator animalium 2 (9): 1042. [Listed.]  
*Stiroma* 1929 Luigioni, Atti Pontificia Accad. Sci. Nuovi Lincei 82: 220 (22) [Listed.]  
 1929 Haupt, Zool. Jahrb. Syst. Okol. 58: 212. [Key.]  
 1932 Enderlein, Fauna von Duetschland 1932: 193. [Key.]  
 1935 Haupt, Tierwelt Mitteleuropas 4 (3): 131. [Key.] :138. [Key to species.]  
 1935 Karl, Dohrniana 14: 140. [Listed.]  
 1935 Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 7. [List of German species.]  
 1937 Kuntze, Arch. Nat. (n. f.) 6: 326, 327, 342. [Ecology.] :355. [Listed.]  
 1937 Schulze, Kükenthal and Heider, Nomenclator animalium 5 (23): 3307. [Listed.]  
 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. 82: 302. [Listed.]  
*Ditropis* 1939 China, Ent. Monthly Mag. 75: 43. To *Criomorphus* Curt. [error.]  
*Stiroma* 1939 China, Ent. Monthly Mag. 75: 43. To *Criomorphus* Curt. [error.]  
 1940 Neave, Nomenclator Zoologicus 4: 318. [Listed.]

*adelpa* Flor. See *Criomorphus albomarginatus* Curtis.

### affinis Fieber

- 1866 *Stiroma affinis* Fieber, Verh. Zool. Bot. Ges. Wien 16: 531. [n. sp.]<sup>1</sup> Switzerland<sup>1</sup>  
 :522, 532. [Listed.] Ireland<sup>2</sup>  
 1866 *Ditropis affinis* Fieber, Verh. Zool. Bot. Ges. Wien 16: Pl. VIII, England<sup>3</sup>  
 Fig. 18. [Illustrated.] France<sup>4</sup>  
 1870 *Stiroma affinis* Scott, Ent. Monthly Mag. 7: 75. [Listed.]<sup>9</sup> :73. Germany  
 [Key.] Austria<sup>6</sup>  
 1872 *Stiroma affinis* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>1,3</sup> Belgium<sup>7</sup>  
 1874 *Stiroma affinis* Lethierry, Cat. Hémipt. Dept. du Nord Second Ed. Czechoslovakia<sup>8</sup>  
 :259 (55). [Listed.]<sup>4</sup> British Isles<sup>9</sup>  
 1875 *Stiroma affinis* Puton, Cat. Hémipt. d'Europe 2 Ed. :122. Hungary<sup>10</sup>  
 [Listed.]<sup>1,4,9</sup> Italy<sup>11</sup>  
 1876 *Stiroma affinis* Douglas and Scott, Cat. British Hemiptera :70. Romania<sup>12</sup>  
 [Listed.]<sup>9</sup> Central  
 1878 *Stiroma affinis* Reiber, Bull. Soc. Hist. Nat. Colmar 18: 75. Europe<sup>13</sup>  
 [Listed.]<sup>4</sup> Denmark<sup>14</sup>  
 1879 *Stiroma affinis* Fieber, Cicad d'Europe Pt. 4: 160 (96). [Key.]<sup>1</sup> Finland<sup>15</sup>  
 1880 *Stiroma affinis* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: Netherlands<sup>16</sup>  
 56. [Listed.]<sup>4</sup> Poland<sup>17</sup>  
 1884 *Stiroma affinis* Mayr, Tabellen :21. [Listed.]<sup>1,5</sup> Batavia<sup>18</sup>  
 1884 *Stiroma affinis* Lethierry, Ann. Soc. Ent. Belgique 28: cxxvii. Sweden<sup>19</sup>  
 [Listed.]<sup>7</sup>  
 1886 *Stiroma affinis* Löw, Becker's Hernstein in Niederösterreich 3: 497. [Listed.]<sup>6</sup>  
 1886 *Stiroma affinis* Capron, Ent. Monthly Mag. 22: 264. [Listed.]<sup>3</sup>  
 1886 *Stiroma affinis* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>1,4,5,6,9</sup>

*Stiroma*

- 1886 *Stiroma affinis* Then, Kat. Österreichischen Cicad. 1886: 17. [Listed.]<sup>6</sup>
- 1886 *Stiroma affinis* Edwards, Syn. British Homop.-Cicadina Pt. 1: 95. [Described.]<sup>9</sup>  
Equals *Stiroma nasalis* Dougl. [nec Boh.] :93. [Key.]
- 1888 *Stiroma affinis* Dubois, Mém. Soc. Linn. Nord. France 7: 157 (61). [Listed.]<sup>4</sup>
- 1889 *Stiroma affinis* Edwards, Trans. Nat. Soc. Norwich 4: 710. Equals *Stiroma nasalis*  
Dougl. [nec Boh.]
- 1890 *Stiroma affinis* Saunders and Edwards, Cat. British Hemiptera 1890: 12. [Listed.]<sup>9</sup>
- 1890 *Stiroma affinis* Buckton, Mon. British Cicadae 3: 70; Pl. XIX, Fig. 3. [Described,  
illustrated.]<sup>9</sup> Equals *Stiroma nasalis* Dougl. [nec Boh.] :73. [Note.]
- 1891 *Stiroma affinis* Fokker, Cat. Nederland Hemip. :367. [Listed.]<sup>16</sup>
- 1892 *Stiroma affinis* Lethierry, Rev. Hémip. Belgique :22 [Listed.]<sup>7</sup>
- 1892 *Stiroma affinis* Duda, Cat. Ins. Faunae Bohemicae :29 [Listed.]<sup>8</sup>
- 1892 *Stiroma affinis* Spitzner, Verh. Naturf. Ver. Brünn 30: 27. [Listed.]<sup>8</sup>
- 1892 *Stiroma affinis* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>7</sup>
- 1892 *Stiroma affinis* Saunders, Ent. Monthly Mag. 28: 218. [Listed.]<sup>3</sup>
- 1894 *Stiroma affinis* Fokker, Tijdschr. Ent. 37: 83. [Listed.]<sup>16</sup>
- 1894 *Stiroma affinis* Edwards, Hemip.-Homop. British Islands Pt. 2: Pl. 8, Fig. 8. [Illus-  
trated.]
- 1894 *Stiroma affinis* Edwards, Hemip.-Homop. British Islands. Pt. 3: 75. [Described.]<sup>9</sup>  
:73. [Key.]
- 1896 *Stiroma affinis* Melichar, Cicad. Mittel-Europa :103; Pl. 6, Figs. 17-20. [Described  
illustrated.]<sup>6,8</sup> :101. [Key.]
- 1897 *Stiroma affinis* Horváth, Fauna Regni Hungariae :57. [Listed.]<sup>10</sup>
- 1899 *Stiroma affinis* Melichar, Ent. Jahrb. 1899: (7), (9). [Listed.]<sup>5</sup>
- 1899 *Stiroma affinis* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :109. [Listed.]<sup>1,4,5,6,9</sup>
- 1900 *Stiroma affinis* Fokker, Tijdschr. Ent. 42: 14. [Listed.]<sup>6</sup>
- 1901 *Stiroma affinis* Lambertie, Act. Soc. Linn. Bordeaux 56: 218 (90). [Listed.]<sup>4</sup>
- 1902 *Stiroma affinis* Cobelli, Cicadine Trentino :11 [Listed.]<sup>11</sup>
- 1904 *Stiroma affinis* Hueber, Syst. Verz. deutschen Zikadinen :270. [Listed.]<sup>5</sup>
- 1906 *Stiroma affinis* Matsumura, Schr. Nat. Ges. Danzig 11: 77. [Listed.]<sup>5</sup>
- 1907 *Stiroma affinis* Oshanin, Verz. Palaeark. Hemip. 2 (2): 336. [Listed.]<sup>1,4,5,6,7,9,10,12</sup>
- 1908 *Stiroma affinis* Saunders and Edwards, Cat. British Hemiptera 1908: 15. [Listed.]<sup>9</sup>
- 1908 *Stiroma affinis* Oshanin, Verz. Palaeark. Hemip. 2 (3): 454. [Listed.]<sup>7,18</sup>
- 1910 *Stiroma affinis* Matsumura, Jour. Coll. Sci. Tokyo 27: 38. [Comparative note.]
- 1912 *Stiroma affinis* Lambertie, Misc. Ent. 18: 94. [Listed.]<sup>4</sup>
- 1912 *Stiroma affinis* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>13</sup>
- 1913 *Stiroma affinis* Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]<sup>6</sup>
- 1914 *Stiroma affinis* Haupt, Ent. Jahrb. 23: 163 (5). [Ecology.]
- 1915 *Stiroma affinis* Jacobsen, Ent. Medd. 10: 320. [Listed.]<sup>4</sup>
- 1916 *Stiroma affinis* Jensen-Haarup, Flora och Fauna 1916: 37. Fig. 21d. [Described,  
illustrated.]<sup>4</sup> :36. [Key.]
- 1920 *Stiroma affinis* Jensen-Haarup, Danmarks Fauna: 64; Fig. 34d. [Described, illus-  
trated.]<sup>13,14</sup> :63. [Key.]
- 1921 *Stiroma affinis* Lallemand, Bull. Soc. Ent. France 1921: 224. [Note.]
- 1922 *Stiroma affinis* Stichel, Int. Ent. Zeits. 16: 133. [Listed.]<sup>5</sup>
- 1924 *Stiroma affinis* Lindberg, Acta Soc. Fauna Flora Fennica 56: 40. [Notes.]<sup>15</sup> :46.  
[Listed.]<sup>15</sup>
- 1925 *Stiroma affinis* Haupt, Mitt. Münchner Ent. Ges. 15: 18. [Listed.]<sup>5</sup>
- 1925 *Stiroma affinis* Kupka, Mitt. Münchner Ent. Ges. 15: 103. [Ecology.] :111. [Listed.]<sup>5</sup>
- 1926 *Stiroma affinis* Blöte, De Levende Natuur. 4: 113. [Listed.]<sup>16</sup>
- 1927 *Stiroma affinis* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 144. [Listed.]<sup>4</sup>
- 1934 *Stiroma affinis* Ossiannilsson, Ent. Tidskr. 55: 139. [Listed.]<sup>19</sup>
- 1935 *Stiroma affinis* Halbert, Proc. R. Irish Acad. 42 (Sect. B) :310. [Listed.]
- 1935 *Stiroma affinis* Haupt, Tierwelt Mitteleuropas 4 (3): 139. [Key.]
- 1935 *Stiroma affinis* Rapp, Beiträge zur Fauna Thüringens 1: 51. [Listed.]<sup>5</sup>
- 1935 *Stiroma affinis* Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 7. [Listed.]<sup>5</sup>
- 1937 *Stiroma affinis* Kuntze, Arch. Nat. (n. f.) 6: 338, 340, 341, 355. [Ecology.]<sup>5</sup>

1938 *Stiroma affinis* Nast, Fragm. Faun. Mus. Zool. Polonici 3: 233 (9). [Listed.]<sup>17</sup>

1939 *Criomorpus affinis* China, Ent. Monthly Mag. 75: 47. [Key.]

*albimarginata*. Typographical error for *Stiroma albomarginata* Curtis. See *Criomorpus albomarginatus* Curtis.

*albomarginata* Curtis. See *Criomorpus albomarginatus* Curtis.

*albosignata* Dahlbom. See *Achorotile albosignata* Dahlbom.

*alpha* Metcalf (var.). See *Stiroma bicarinata* var. *alpha* Metcalf.

### *bicarinata* Herrich-Schäffer

- 1835 *Delphax bicarinata* Herrich-Schäffer, Nom. Ent. 1: 66. [n. sp., Germany<sup>1</sup>  
key.] :106. [Listed.] Sweden<sup>2</sup>
- 1836 *Delphax bicarinata* Herrich-Schäffer, Deutschlands Ins. 143: 21. Europe<sup>3</sup>  
[Described, illustrated.] England<sup>4</sup>
- 1839 *Delphax bicarinata* Spinola, Ann. Soc. Ent. France 8: 334. [De- Estonia<sup>5</sup>  
scribed.]<sup>1</sup> Norway<sup>6</sup>
- 1840 *Delphax bicarinata* Herrich-Schäffer, Fauna Ratisbonensis 3 (2): Switzerland<sup>7</sup>  
:384. [Notes.]<sup>1</sup> Austria<sup>8</sup>
- 1847 *Delphax mutabilis* Boheman, Handl. Svenska Vet. Akad. 1847: 43. Finland<sup>9</sup>  
[n. sp.]<sup>2</sup> Russia<sup>10</sup>
- 1847 *Delphax nasalis* Boheman, Handl. Svenska Vet. Akad. 1847: 41. Prussia<sup>11</sup>  
[n. sp.]<sup>2</sup> France<sup>12</sup>
- 1847 *D[elphax] nasalis* Boheman, Handl. Svenska Vet. Akad. 1847: 44. Belgium<sup>13</sup>  
[Comparative notes.] Czechoslovakia<sup>14</sup>
- 1850 *Delphax bicarinata* Schaum, Allg. Encykl. Ersch und Gruber 51: British Isles<sup>15</sup>  
69. [Listed.]<sup>1</sup> Hungary<sup>16</sup>
- 1850 *Delphax mutabilis* Schaum, Allg. Encykl. Ersch und Gruber 51: Tunisia<sup>17</sup>  
69. [Listed.]<sup>2</sup> Romania<sup>18</sup>
- 1850 *Delphax nasalis* Schaum, Allg. Encykl. Ersch und Gruber 51: 69. Central  
[Listed.]<sup>2</sup> Europe<sup>19</sup>
- 1851 *Delphax bicarinata* Walker, List Homop. British Mus. 2: 353. Caucasus<sup>20</sup>  
[Listed.]<sup>2</sup> Denmark<sup>21</sup>
- 1851 *Delphax mutabilis* Walker, List Homop. British Mus. 2: 357. North Africa<sup>22</sup>  
[Listed.]<sup>2</sup> Netherlands<sup>23</sup>
- 1851 *Delphax nasalis* Walker, List. Homop. British Mus. 2: 357. Scotland<sup>24</sup>  
[Listed.]<sup>2</sup> Batavia<sup>25</sup>
- 1852 *Delphax mutabilis* Boheman, Handl. Svenska Vet. Akad. 1851: Norway<sup>26</sup>  
118. [Listed.]<sup>2</sup>
- 1854 *Delphax nasalis* Stål, Öfv. Svenska Vet. Akad. Förh. 11: 197. [De-  
scribed.]<sup>2</sup> Equals *Delphax mutabilis* Boh.
- 1857 *Delphax mutabilis* Perris, Ann. Soc. Linn. Lyon 4: 170 (90). [Listed.]<sup>12</sup>
- 1859 *Delphax bicarinata* Dohrn, Cat. Hemip. :61. [Listed.]<sup>3</sup>
- 1859 *Delphax nasalis* Dohrn, Cat. Hemip. :61. [Listed.]<sup>2</sup> Equals *Delphax mutabilis* Boh.
- 1860 *Delphax nasalis* Walker, List British Hemip. :17. [Listed.]<sup>4</sup>
- 1861 *Delphax nasalis* Flor, Rhynch. Livlands 2: 78. [Described.]<sup>2,6</sup> Equals *Delphax bi-  
carinata* H.-S. Equals *Delphax mutabilis* Boh. :32. [Key.]
- 1865 *Delphax nasalis* Marshall, Ent. Monthly Mag. 1: 227. [Described.]<sup>6</sup> Equals *Delphax  
bicarinata* H.-S. Equals *Delphax mutabilis* Boh. :199. [Key.]
- 1866 *Stiroma mutabilis* Fieber, Verh. Zool. Bot. Ges. Wien 16: 531. [Described.]<sup>2,7,8</sup>  
Equals *Delphax nasalis* Boh. :522, 532. [Listed.] Equals *Delphax nasalis* Boh.
- 1866 *Ditropis mutabilis* Fieber, Verh. Zool. Bot. Ges. Wien 16: Pl. VIII, Fig. 18. [Illus-  
trated.]
- 1867 *Stiroma mutabilis* Dallas, Zool. Rec. 3: 561. Equals *Delphax mutabilis* Boh.
- 1868 *Delphax bicarinata* Sahlberg, Not. Fennica (n. s.) 9 (9): 190. [Listed.]<sup>9</sup> Equals  
*Delphax nasalis* Boh. Equals *Delphax mutabilis* [sic] Boh.
- 1868 *Ditropis bicarinata* Kirschbaum, Cicad. Wiesbaden :43. [Key.]<sup>1</sup> Equals *Delphax  
nasalis* Boh.

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- 1868 *Delphax bicarinata* Sahlberg, Not. Fennica (n. s.) 9 (9): 218. [Note.]<sup>9</sup> Equals *Delphax nasalis* Boh.
- 1870 *Stiroma nasalis* Scott, Ent. Monthly Mag. 7: 75. [Listed.]<sup>15</sup> :73. [Key.]
- 1870 *Stiroma nasalis* Oshanin, Mém. Soc. Amis Sci. Nat. Moscou 6: 46. [Listed.]<sup>10</sup>
- 1871 *Stiroma nasalis* Oshanin, Bull. Imp. Soc. Nat. Hist. Imp. Univ. Moscou 6 (3): 29. [Listed.]<sup>10</sup>
- 1871 *Ditropis bicarinata* Sahlberg, Not. Fennica (n. s.) 9 (12): 58. [Listed.]<sup>2,9</sup> :480. [Described.]<sup>2,7,8,9,10</sup> Equals *Delphax bicarinata* H.-S. Equals *Delphax nasalis* Boh. Equals *Delphax mutabilis* Boh. Equals *Stiroma mutabilis* Boh. :489. [Listed.]<sup>9</sup> :34. [Ecology.]
- 1871 *Stiroma mutabilis* Brischke, Verz. Wanzen und Zirpen Prov. Preussen :13. [Listed.]<sup>11</sup> Equals *Delphax nasalis* Boh.
- 1872 *Stiroma bicarinata* Fieber, Verh. Zool. Bot. Ges. Wien 22: 29. Equals *Ditropis bicarinata* H.-S.
- 1872 *Stiroma bicarinata* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>3</sup> Equals *Stiroma nasalis* Boh. Equals *Stiroma mutabilis* Boh.
- 1874 *Stiroma bicarinata* Lethierry, Cat. Hémipt. Dept. du Nord Second Ed. :259 (55). [Listed.]<sup>12</sup>
- 1874 *Ditropis bicarinata* Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 84. [Listed.]<sup>1</sup> Equals *Ditropis nasalis* Boh.
- 1875 *Ditropis (Stiroma) bicarinata* Reuter, Ann. Soc. Ent. France (5) 5: 225, 232. [Polymorphism.]
- 1875 *Stiroma bicarinata* Puton, Cat. Hémipt. d'Europe 2 Ed. :122. [Listed.]<sup>3</sup> Equals *Stiroma nasalis* Boh. Equals *Stiroma mutabilis* Boh.
- 1876 *Stiroma nasalis* Douglas and Scott, Cat. British Hemip. :70. [Listed.]<sup>15</sup> Equals *Delphax nasalis* Boh. Equals *Delphax mutabilis* Boh. Equals *Delphax bicarinata* H.-S.
- 1878 *Delphax nasalis* Dale, History of Glanville's Wooton :305. [Listed.]<sup>4</sup>
- 1878 *Stiroma bicarinata* Lethierry, Ann. Soc. Ent. Belgique 21: xxxvii. [Listed.]<sup>13</sup>
- 1879 *Stiroma nasalis* Fieber, Cicad. d'Europe Pt. 4: 159 (95). [Key.]<sup>1,2,4,5,7,8,12</sup> Equals *Delphax nasalis* Boh. Equals *Delphax mutabilis* Boh. Equals *Delphax bicarinata* H.-S. Equals *Ditropis nasalis* Boh.
- 1881 *Ditropis bicarinata* Sahlberg, Forh. Vid. Selsk. Christiania 1880 (9): 13. [Listed.]<sup>6</sup> Equals *Delphax bicarinata* H.-S.
- 1882 *Stiroma nasalis* Norman, Ent. Monthly Mag. 18: 276. [Listed.]<sup>24</sup>
- 1884 *Stiroma nasalis* Edwards, Trans. Nat. Soc. Norwich 3: 714. [Listed.]<sup>4</sup>
- 1884 *Stiroma nasalis* Mayr, Tabellen :21. [Listed.]<sup>1,7,8</sup>
- 1886 *Stiroma bicarinata* Edwards, Syn. British Homop.-Cicadina Pt. 1: 95. [Described.]<sup>15</sup> Equals *Delphax bicarinata* H.-S. Equals *Delphax nasalis* Boh. Equals *Delphax mutabilis* Boh. Equals *Stiroma mutabilis* Fieb. Equals *Ditropis bicarinata* Kirschb. Equals *Stiroma nasalis* Scott. :93. [Key.]
- 1886 *Stiroma bicarinata* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>3</sup> Equals *Stiroma nasalis* Boh. Equals *Stiroma mutabilis* Boh.
- 1886 *Stiroma nasalis* Then, Kat. Österreichischen Cicad. 1886: 17. [Listed.]<sup>3</sup>
- 1886 *Stiroma nasalis* Capron, Ent. Monthly Mag. 22: 264. [Listed.]<sup>4</sup>
- 1888 *Stiroma bicarinata* Dubois, Mém. Soc. Linn. Nord France 7: 156 (60). [Listed.]<sup>12</sup>
- 1889 *Stiroma bicarinata* Edwards, Trans. Nat. Soc. Norwich 4: 706. [Listed.]<sup>4</sup>
- 1890 *Stiroma bicarinata* Dominique, Ann. Soc. Acad. Loire-Inférieure 1890: 110 (26). [Listed.]<sup>12</sup>
- 1890 *Stiroma bicarinata* Saunders and Edwards, Cat. British Hemiptera 1890: 12. [Listed.]<sup>15</sup> Equals *Stiroma nasalis* Boh.
- 1890 *Stiroma bicarinata* Buckton, Mon. British Cicadae 3: 73. [Described.]<sup>15</sup> Equals *Stiroma nasalis* Scott. Equals *Ditropis bicarinata* Kirschb. Equals *Stiroma mutabilis* Fieb. Equals *Delphax mutabilis* Boh. Equals *Delphax nasalis* Boh. Equals *Delphax bicarinata* H.-S.
- 1891 *Stiroma bicarinata* Fokker, Cat. Nederland Hemip. :367. [Listed.]<sup>23</sup>
- 1892 *Stiroma bicarinata* Coubeaux, Ann. Soc. Ent. Belgique 36: 343 (1). [Listed.]<sup>13</sup>



- 1892 *Stiroma bicarinata* Duda, Cat. Ins. Faunae Bohemicae :29. [Listed.]<sup>14</sup> Equals *Stiroma mutabilis* Boh. Equals *Stiroma nasalis* Boh.
- 1892 *Stiroma bicarinata* Dominique, Bull. Soc. Sci. Nat. Ouest France 2: 116. [Listed.]<sup>12</sup>
- 1892 *Stiroma bicarinata* Lethierry, Rev. Hémip. Belgique: 22 [Listed.]<sup>13</sup>
- 1894 *Stiroma bicarinata* Edwards, Hemip.-Homop. British Islands Pt. 3: 75. [Described.]<sup>16</sup> Equals *Stiroma nasalis* Scott. :73. [Key.]
- 1895 *Stiroma bicarinata* Wüstnei, Schr. Nat. Ver. Schleswig-Holsteins. 10: 270. [Listed.]<sup>1</sup> Equals [*Stiroma*] *nasalis* Boh.
- 1896 *Stiroma bicarinata* Melichar, Cicad. Mittel-Europa :102; Pl. 6, Fig. 21. [Described, illustrated.]<sup>1,8</sup> Equals *Delphax mutabilis* Boh. Equals *Ditropis bicarinata* Kirschb. Equals *Delphax bicarinata* H.-S. Equals *Delphax nasalis* Boh. Equals *Stiroma nasalis* Fieb. :101. [Key.]
- 1897 *Stiroma bicarinata* Horváth, Fauna Regni Hungariae: 57. [Listed.]<sup>16</sup>
- 1899 *Stiroma bicarinata* Melichar, Wien Ent. Zeit. 18: 181. [Listed.]<sup>17</sup>
- 1899 *Stiroma bicarinata* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :109. [Listed.]<sup>2</sup> Equals *Stiroma nasalis* Boh. Equals *Stiroma mutabilis* Boh.
- 1902 *Stiroma bicarinata* Dominique, Bull. Soc. Sci. Nat. Ouest France (11) 2: 223. [Listed.]
- 1904 *Stiroma bicarinata* Hüeber, Syst. Verz. deutschen Zikadinen :270. [Listed.]<sup>1</sup> Equals *Stiroma nasalis* Boh. Equals *Stiroma mutabilis* Boh.
- 1906 *Stiroma bicarinata* Matsumura, Schr. Nat. Ges. Danzig 11: 77. [Listed.]<sup>1</sup> Equals *Stiroma nasalis* Boh. Equals *Stiroma mutabilis* Boh.
- 1907 *Stiroma bicarinata* Oshanin, Verz. Palaeark. Hemip. 2(2): 336. [Listed.]<sup>1,2,5,8,9,10,12,15,16,17,18</sup> Equals *Delphax bicarinata* H.-S. Equals *Delphax nasalis* Boh. Equals *Delphax mutabilis* Boh. Equals *Stiroma mutabilis* Fieb. Equals *Ditropis bicarinata* Kirschb. Equals *Stiroma nasalis* Scott.
- 1907 *Stiroma bicarinata* Oshanin, Cat. Homop. St. Pétersbourg 1907: 248 (36). [Listed.]<sup>10</sup> Equals *Stiroma mutabilis* Boh. Equals [*Stiroma*] *nasalis* Boh.
- 1908 *Stiroma bicarinata* Saunders and Edwards, Cat. British Hemiptera 1908: 15. [Listed.]<sup>15</sup> Equals *Stiroma nasalis* Boh.
- 1908 *Stiroma bicarinata* Oshanin, Verz. Palaeark. Hemip. 2 (3): 454. [Listed.]<sup>13,25</sup>
- 1912 *Stiroma bicarinata* Schmidt, Stett. Ent. Zeit. 73: 150. [Notes.]<sup>1</sup>
- 1912 *Stiroma bicarinata* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>17,19</sup> Equals *Stiroma nasalis* Boh. Equals *Stiroma mutabilis* Boh.
- 1913 *Stiroma bicarinata* Melichar, Mitt. Kaukasischen Mus. 7: 14. [Listed.]<sup>20</sup>
- 1915 *Stiroma bicarinata* Jacobsen, Ent. Medd. 10: 320. [Listed.]<sup>21</sup>
- 1916 *Stiroma bicarinata* Jensen-Haarup, Flora och Fauna 1916: 37; Figs. 21a, c. [Described, illustrated.]<sup>21</sup> :36. [Key.]
- 1920 *Stiroma bicarinata* Jensen-Haarup, Danmarks Fauna :64; Figs. 34a, b, c. [Described, illustrated.]<sup>3,21,22</sup> :63. [Key.]
- 1920 *Stiroma bicarinata* Tullgren and Wahlgren, Svenska Insekter 1920: 153. [Notes.]<sup>2</sup>
- 1924 *Delphax bicarinata* Sherborn, Index Animalium 4: 706. [Listed.]
- 1925 *Stiroma bicarinata* Haupt, Mitt. Münchner Ent. Ges. 15: 18. [Listed.]<sup>1</sup>
- 1928 *Stiroma bicarinata* Ivanov, Mém. Acad. Sci. Ukraine 6: 198. [Listed.]<sup>10</sup>
- 1928 *Stiroma bicarinata* Ivanov, Trav. Mus. Zool. 1928: 502. [Listed.]<sup>10</sup>
- 1928 *Delphax mutabilis* Sherborn, Index Animalium 17: 4217. [Listed.]
- 1928 *Delphax nasalis*. Sherborn, Index Animalium 17: 4254. [Listed.]
- 1921 *Stiroma bicarinata* Lallemand, Bull. Soc. Ent. France 1921: 224. [Note.]
- 1924 *Stiroma bicarinata* Lindberg, Acta Soc. Fauna Flora Fennica 56: 46. [Listed.]<sup>9</sup> :40. [Comparative note.]
- 1933 *Stiroma bicarinata* Pawlik, Ent. Rundsch. 50: 235 (2). [Listed.]
- 1934 *Stiroma bicarinata* Ossiannilsson, Ent. Tidskr. 55: 139. [Listed.]<sup>2</sup>
- 1935 *Stiroma bicarinata* Haupt, Tierwelt Mitteleuropas 4 (3): 139; Fig. 230. [Key, illustrated.]
- 1935 *Stiroma bicarinata* Karl, Dohrniana 14: 140. [Listed.]<sup>5</sup>
- 1935 *Stiroma bicarinata* Rapp, Beiträge zur Fauna Thüringens 1: 51. [Listed.]<sup>1</sup>
- 1935 *Stiroma bicarinata* Wagner, Verh. Ver. Naturw. Heimatforschung, 24: 7. [Listed.]<sup>1</sup>



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- 1937 *Stiroma bicarinata* Kuntze, Arch. Nat. (n. f.) 6: 341, 355. [Ecology.]<sup>5</sup>  
 1939 *Criomorpha bicarinatus* China, Ent. Monthly Mag. 75: 47. [Key.]  
 1939 *Stiroma bicarinata* Lindberg, Acta Zool. Fennica 22: 84. [Parasites.] :156, 159, 160,  
 161; Figs. 57f-h. [Effects of parasitism, illustrated.]

**bicarinata** var. **nigra** nom. nov. for *Delphax nasalis* var. *a* Marshall.

- 1865 *Delphax nasalis* var. *a* Marshall, Ent. Monthly Mag. 1: 227. Great Britain<sup>1</sup>  
 [n. var.]<sup>1</sup>

**bicarinata** var. **alpha** nom. nov. for *Ditropis bicarinata* var. *c* Sahlberg.

- 1871 *Ditropis bicarinata* var. *c* Sahlberg, Not. Fennica [n. s.] 9 (12): 482. Finland<sup>1</sup>  
 [n. var.]<sup>1,2</sup> Lapland<sup>2</sup>

**bicarinata** var. **vittata** nom. nov. for *Ditropis bicarinata* var. *b* Sahlberg.

- 1871 *Ditropis bicarinata* var. *b* Sahlberg, Not. Fennica (n. s.) 9 (12) Finland<sup>1</sup>  
 482. [n. var.]<sup>1</sup>

*bivittata* Boheman. See *Delphacodes brevipennis* Boheman.

**borealis** Sahlberg

- 1861 *Delphax moesta* Flor, Rhynch. Livlands 2: 80. [Described.]<sup>1,2</sup> Finland<sup>1</sup>  
 Equals *Delphax collaris* Stål [error.] :81. [Comparative note.] :33. Scandinavia<sup>1</sup>  
 [Key.] Norway<sup>3</sup>  
 1866 *Ditropis moesta* Fieber, Verh. Zool. Bot. Ges. Wien 16: Pl. 8, Fig. Sweden<sup>4</sup>  
 18. [Illustrated.] Lapland<sup>5</sup>  
 1870 *Stiroma moesta* Scott, Ent. Monthly Mag. 7: 74. [Key.] British Isles<sup>6</sup>  
 1871 *Ditropis borealis* Sahlberg, Not. Fennica (n. s.) 9 (12): 477. Nom. Czechoslovakia<sup>7</sup>  
 nov. *Delphax moesta* Flora [nec Boheman.] :58. [Listed.]<sup>1,4</sup> :489. Germany<sup>8</sup>  
 [Listed.] :28, 30, 34. [Ecology.] Denmark<sup>9</sup>  
 1875 *Stiroma borealis* Puton, Cat. Hémipt. d'Europe 2 Ed.: 122. [Listed.]<sup>2</sup>  
 1875 *Liburnia borealis* Reuter, Ann. Soc. Ent. France (5) 5: 231. [Dimorphism.]  
 1881 *Ditropis borealis* Sahlberg, Forh. Vid. Selsk. Christiania 1880 (9): 13. [Listed.]<sup>3</sup>  
 Equals *Delphax moesta* Flor (nec Boh.)  
 1885 *Stiroma borealis* Ivanoff, Liste des Cigales: 118 (35). [Listed.]  
 1886 *Stiroma borealis* Edwards, Syn. British Homop.-Cicadina Pt. 1: 94. Equals *Ditropis*  
*borealis* Sahlb. Equals *Delphax moesta* Flor [nec Boh.] Equals *Ditropis moesta* Fieb.  
 [error.] Equals *Stiroma moesta* Scott.  
 1886 *Stiroma borealis* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>2</sup>  
 1890 *Stiroma borealis* Saunders and Edwards, Cat. British Hemiptera 1890: 12. [Listed.]<sup>6</sup>  
 Equals *Stiroma maesta* [sic] Flor [nec Boh.]  
 1890 *Stiroma borealis* Buckton, Mon. British Cicadae 3: 70. [Described.]<sup>6</sup> Equals *Stiroma*  
*moesta* Scott [nec Boh.] Equals *Ditropis moesta* Fieb. [error.] Equals *Delphax moesta*  
 Flor [nec Boh.] Equals *Ditropis borealis* Sahlb.  
 1894 *Stiroma borealis* Edwards, Hemip.-Homop. British Islands Pt. 3: 74. Equals *Stiroma*  
*maesta* [sic] Fieb. [error.]  
 1896 *Stiroma borealis* Melichar, Cicad. Mittel-Europa :101; Pl. 6, Fig. 23. [Described,  
 illustrated, key.]<sup>7,8</sup> Equals *Delphax* [moesta] Flor [nec Boh.]  
 1897 *Stiroma boreali* [sic] Horváth, Term. Füzetek 20: 625. To *Stiroma moestae* [sic] Boh.  
 [error.]  
 1898 *Ditropis borealis* Horváth, Rev. Ent. 17: 280. To *Stiroma moesta* Boh. [error.]  
 1899 *Stiroma borealis* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :109. To *Stiroma*  
*moesta* Boh. [error.]  
 1904 *Stiroma borealis* Hüeber, Syst. Verz. deutschen Zikadinen: 270. To *Stiroma moesta*  
 Boh. [error.]  
 1907 [*Stiroma*] *borealis* Oshanin, Cat. Homop. St. Pétersbourg 1907: 248 (36). To *Stiroma*  
*moesta* Boh. [error.]  
 1907 *Stiroma borealis* Oshanin, Verz. Palaeark. Hemip. 2 (2): 335. To *Stiroma moesta*  
 Boh. [error.]

- 1907 *Ditropis borealis* Oshanin, Verz. Palaeark. Hemip. 2 (2): 335. To *Stiroma moesta* Boh. [error.]  
 1908 *Stiroma borealis* Saunders and Edwards, Cat. of British Hemip. :15. To *Stiroma maesta* Boh. [error.]  
 1912 *Stiroma borealis* Oshanin, Kat. Paläark. Hemip. :120. To *Stiroma moesta* Boh. [error.]  
 1915 *Stiroma borealis* Jacobsen, Ent. Medd. 10: 320. [Listed.]<sup>9</sup>  
 1916 *Stiroma borealis* Jensen-Haarup, Flora och Fauna 1916: 38. [Described.]<sup>9</sup> :36. [Key.]  
 1924 *Stiroma borealis* Lindberg, Acta Soc. Fauna Flora Fennica 56: 46. To *Stiroma moesta* Boh. [error.]  
 1926 *Stiroma borealis* Lindberg, Not. Ent. 6: 113. [Listed.]<sup>4</sup>  
 1926 *Stiroma borealis* Lindberg, Not. Ent. 6: 77. To *Stiroma albomarginata* Curt. [error.]  
 1927 *Stiroma borealis* Lindberg, Mem. Soc. Fauna Flora Fennica 1: 64, 65, 68. [Ecology.]<sup>2</sup>  
 1939 *Criomorphus borealis* China, Ent. Monthly Mag. 75: 46. [Comparative note.]  
 1939 *C[riomorphus] borealis* China, Ent. Monthly Mag. 75: 44; Fig. 1c [Comparative note, illustrated.]

**borealis** var. **carinata** nom. nov. for *Ditropis borealis* var. *b* Sahlberg.

- 1871 *Ditropis borealis* var. *b* Sahlberg, Not. Fennica (n. s.) 9 (12): 478. Finland<sup>1</sup> [n. var.]<sup>1</sup>

*borealis* Edwards [nec Sahlberg]. See *Criomorphus moestus* Boheman.

*carinata* Metcalf (var.). See *Stiroma borealis* var. *carinata* Metcalf.

*cidelpha*. Typographical error for *Stiroma adelpha* Flor. See *Criomorphus albomarginatus* Curtis.

*collaris* Stål. See *Criomorphus albomarginatus* Curtis.

*germanica* Matsumura. See *Stiroma thoracica* Stål.

*inconspicua* Uhler. See *Criomorphus inconspicuus* Uhler.

*maesta*. Typographical error for *Stiroma moesta* Flor [nec Boheman]. See *Stiroma borealis* Sahlberg.

*maesta*. Typographical error for *Stiroma moesta* Boheman. See *Criomorphus moestus* Boheman.

*moesta* Boheman. See *Criomorphus moestus* Boheman.

*moesta* Sahlberg [nec Boheman]. See *Criomorphus albomarginatus* Curtis.

*moesta* Flor [nec Boheman]. See *Stiroma borealis* Sahlberg.

**montana** Horváth

- 1897 *Stiroma montana* Horváth, Term. Füzetek 20: 625. [n. sp.]<sup>1</sup> Hungary<sup>1</sup>

- 1897 *Stiroma montana* Horváth, Fauna Regni Hungariae :57. [Listed.]<sup>1</sup>

- 1899 *Stiroma montana* Puto, Cat. Hémip. Faune Paléarctique 4 Ed. :109. [Listed.]<sup>1</sup>

- 1907 *Stiroma montana* Oshanin, Verz. Palaeark. Hemip. 2 (2): 335. [Listed.]<sup>1</sup>

- 1912 *Stiroma montana* Oshanin, Kat. Paläark. Hemip. :120 [Listed.]<sup>1</sup>

- 1921 *Stiroma montana* Lallemand, Bull. Soc. Ent. France 1921: 224. [Note.]

- 1935 *Stiroma montana* Haupt, Tierwelt Mitteleuropas 4 (3): 138. [Key.]

*mutabilis* Boheman. See *Stiroma bicarinata* Herrich-Schäffer.

*nasalis* Boheman. See *Stiroma bicarinata* Herrich-Schäffer.

*nasalis* Douglas [nec Boheman]. See *Stiroma affinis* Fieber.

*nigra* Metcalf (var.). See *Stiroma bicarinata* var. *nigra* Metcalf.

*nigrolinata*. Typographical error for *Stiroma nigrolineata* Scott. See *Eurybregma nigrolineata* Scott.

*nigrolineata* Scott. See *Eurybregma nigrolineata* Scott.

**pteridis** Spinola

- 1839 *Delphax pteridis* Spinola, Ann. Soc. Ent. France 8: 334. [n. sp.]<sup>1</sup> Sardinia<sup>1</sup>

- 1847 *Pteridetha* Amyot, Ann. Soc. Ent. France (2) 5: 173. [Described.]<sup>2</sup> France<sup>2</sup>  
 [non binom.] Europe<sup>3</sup>

*Stiroma*

- 1847 *Pteridetha pallida* Amyot, Ann. Soc. Ent. France (2) 5: 173. [Described.]<sup>2</sup> [non binom.] Sweden<sup>4</sup>  
England<sup>5</sup>
- 1847 *Pteridetha griseascens* Amyot, Ann. Soc. Ent. France (2) 5: 173. [Described.]<sup>2</sup> [non binom.] Ireland<sup>6</sup>  
Germany<sup>7</sup>
- 1847 *Pteridetha nigra* Amyot, Ann. Soc. Ent. France (2) 5: 173. [Described.]<sup>2</sup> [non binom.] Italy<sup>8</sup>  
Belgium<sup>9</sup>
- 1848 *Pteridetha* Amyot, Méth. Mon.: 369. [Described.]<sup>2</sup> [non binom.] Switzerland<sup>10</sup>
- 1848 *Pteridetha pallida* Amyot, Méth. Mon.: 369. [Described.]<sup>2</sup> [non binom.] Kaukasus<sup>11</sup>  
Spain<sup>12</sup>
- 1848 *Pteridetha griseascens* Amyot, Méth. Mon.: 369. [Described.]<sup>2</sup> [non binom.] Austria<sup>13</sup>  
Czechoslovakia<sup>14</sup>
- 1848 *Pteridetha nigra* Amyot, Méth. Mon.: 369. [Described.]<sup>2</sup> [non binom.] British Isles<sup>15</sup>  
Hungary<sup>16</sup>
- 1850 *Delphax pteritis* [sic] Schaum, Allg. Encykl. Ersch und Gruber 51: 69. [Listed.]<sup>1</sup> Transcaucasia<sup>17</sup>  
Denmark<sup>18</sup>
- 1851 *Delphax pteridis* Walker, List. Homop. British Mus. 2: 352. [Listed.]<sup>1</sup> Albania<sup>19</sup>  
Russia<sup>20</sup>
- 1851 *Asiraca* (?) *pteridetha* Walker, List. Homop. British Mus. 2: 360. [Listed.]<sup>3</sup> Equals *Pteridetha* Amyot. Netherlands<sup>21</sup>  
Poland<sup>22</sup>
- 1852 *Delphax pteridis* Boheman, Handl. Svenska Vet. Akad. 1851: 115. [n. sp.]<sup>4</sup> Batavia<sup>23</sup>
- 1854 *Delphax pteridis* Stål, Öfv. Svenska Vet. Akad. Förh. 11: 197. [Described.]<sup>4</sup>
- 1855 *Delphax pteridis* Fairmaire, Histoire Naturelle de la France. Hémiptères 1855: 146. [Described.]<sup>2</sup>
- 1857 *Delphax pteridis* Perris, Ann. Soc. Linn. Lyon 4: 170 (90). [Listed.]<sup>2</sup>
- 1859 *Delphax pteridis* Stål, Freg. Eugenies Resa 4: 275. [Comparative note.]
- 1859 *Delphax pteridis* Dohrn, Cat. Hemip. :61. [Listed.]<sup>4</sup>
- 1860 *Delphax pteridis* Walker, List British Hemip. :17. [Listed.]<sup>5</sup>
- 1865 *Delphax pteridis* Marshall, Ent. Monthly Mag. 1: 201. [Described.]<sup>6</sup> :199. [Key.]
- 1865 *Delphax pteridis* Frey-Gessner, Mitth. Schweizerischen Ent. Ges. 1: 152. [Listed.]<sup>7</sup>
- 1865 [*Delphax*] *pteridis* Signoret, Ann. Soc. Ent. France (4) 5: 129. [Comparative note.]
- 1866 *Ditropis pteridis* Fieber, Verh. Zool. Bot. Ges. Wien 16: Pl. 8, Fig. 18. [Illustrated.]
- 1868 *Ditropis pteridis* Kirschbaum, Cicad. Wiesbaden: 42. [Key.]<sup>7</sup>
- 1869 *Delphax pteridis* Lethierry, Cat. Hémipt. du Nord: 353. [Listed.]<sup>2</sup>
- 1870 *Stiroma pteridis* Scott, Ent. Monthly Mag. 7: 73. [Key.]
- 1871 *Ditropis pteridis* Sahlberg, Not. Fennica (n. s.) 9 (12): 58. [Listed.]<sup>4</sup> :482. [Described.]<sup>4,8</sup> Equals *Delphax pteridis* Boh. :28, 31, 34. [Ecology.] :485. [Comparative note.]
- 1872 *Stiroma pteridis* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>3</sup>
- 1872 *Stiroma pteridis* Fieber, Verh. Zool. Bot. Ges. Wien. 22: 29. Equals *Ditropis pteridis* Gene.
- 1874 *Stiroma pteridis* Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 84. [Listed.]<sup>7</sup>
- 1874 *Stiroma pteridis* Lethierry, Cat. Hémipt. Dept. du Nord Second Ed. :259 (55). [Listed.]<sup>2</sup>
- 1875 *Stiroma pteridis* Puton, Cat. Hémipt. d'Europe 2 Ed.: 122. [Listed.]<sup>3</sup>
- 1876 *Stiroma pteridis* Douglas and Scott, Cat. British Hemip. :70. [Listed.]<sup>15</sup> Equals *Delphax pteridis* Boh.
- 1878 *Stiroma pteridis* Lethierry, Ann. Soc. Ent. Belgique 21: xxxvii. [Listed.]<sup>9</sup>
- 1878 *Delphax pteridis* Dale, History of Granville's Wooton :305. [Listed.]<sup>5</sup>
- 1879 *Stiroma pteridis* Fieber, Cicad d'Europe Pt. 4: 158 (94). [Key.]<sup>2,4,5,10</sup> Equals *Delphax pteridis* Boh. Equals *Pteridetha* Amyot [non binom.] Equals *Ditropis pteridis* Boh.
- 1879 *Stiroma pteridis* Bolivar and Chicote, Ann. Soc. Esp. 8: 179 (33). [Listed.]<sup>12</sup>
- 1880 *Stiroma pteridis* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 56. [Listed.]<sup>3</sup>
- 1882 *Stiroma pteridis* Ferrari, Cicad. Agri Lingustici :94 (22). [Listed.]<sup>9</sup> Equals *Ditropis pteridis*. Equals *Peridetha* [sic] Amyot [non binom.]
- 1883 *Stiroma pteridis* Bloomfield, Natural History of Hastings. First Suppl. 1883: 34. [Listed.]<sup>5</sup>

- 1884 *Stiroma pteridis* Edwards, Trans. Nat. Soc. Norwich 3: 714. [Listed.]<sup>6</sup>  
 1884 *Stiroma pteridis* Mayr, Tabellen :21. [Listed.]<sup>7,10</sup>  
 1885 *Stiroma pteridis* Edwards, Ent. Monthly Mag. 22: 67. [Note.]  
 1885 *Stiroma pteridis* Ivanoff, Liste des Cigales :117 (35) [Key.]  
 1885 *Delphax pteridis* Fairmaire, Hist. Nat. France Hémipt. :146. [Described.]<sup>2</sup>  
 1885 *Stiroma pteridis* Ferrari, Bull. Soc. Ent. Italiana 17: 280. [Listed.]<sup>8</sup> Equals *Peridetha* [sic] Amyot [non binom.]  
 1886 *Stiroma pteridis* Capron, Ent. Monthly Mag. 22: 264. [Listed.]<sup>5</sup>  
 1886 *Stiroma pteridis* Then, Kat. Österreichischen Cicad. 1886: 17. [Listed.]<sup>3,13</sup>  
 1886 *Stiroma pteridis* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed.: 74. [Listed.]<sup>3</sup>  
 1886 *Stiroma pteridis* Edwards, Syn. British Homop.-Cicadina Pt. 1: 94. [Described.]<sup>15</sup> Equals *Delphax pteridis* Boh. Equals *Ditropis pteridis* Fieb. :93. [Key.]  
 1887 *Stiroma pteridis* de Carlini, Boll. Soc. Ent. Italiana 19: 271, 277. [Listed.]<sup>8</sup> Equals *Delphax* [*pteridis* Amyot.]  
 1888 *Stiroma pteridis* Costa, Atti. Acc. Sci. Napoli (2) 1 (2): 71. [Listed.]<sup>1</sup>  
 1888 *Stiroma pteridis* Costa, Atti. Acc. Sci. Napoli (2) 1 (9): :39. [Listed.]<sup>1</sup>  
 1888 *Stiroma pteridis* Dubois, Mém. Soc. Linn. Nord. France 7: 156 (60). [Listed.]<sup>2</sup>  
 1890 *Stiroma pteridis* Buckton, Mon. British Cicadae 2: 57. [Comparative note.]  
 1890 *Stiroma pteridis* Saunders and Edwards, Cat. British Hemiptera 1890: 12. [Listed.]<sup>15</sup>  
 1890 *Stiroma pteridis* Dominique, Ann. Soc. Acad. Loire-Inférieure 1890: 110 (27). [Listed.]<sup>2</sup>  
 1890 *Stiroma pteridis* Buckton, Mon. British Cicadae 3: 72; Pl. 20, Figs. 3a-c. [Described, illustrated.]<sup>16</sup> Equals *Ditropis pteridis* Fieb. Equals *Delphax pteridis* Boh. :65. [Synopsis.] :68. [Note.] :75 [Comparative note.] :76 [Nymph described.]  
 1891 *Stiroma pteridis* Horváth, Glasnik Hrv. Nar. Drutžva 6: 48. [Listed.]  
 1891 *Stiroma pteridis* Fokker, Cat. Nederland Hemip. :367. [Listed.]<sup>21</sup>  
 1892 *Stiroma pteridis* Duda, Cat. Ins. Fauna Bohemicae :29. [Listed.]<sup>14</sup>  
 1892 *Stiroma pteridis* Dominique, Bull. Soc. Sci. Nat. Ouest France 2: 116. [Listed.]<sup>2</sup>  
 1892 *Stiroma pteridis* Carpentier and Dubois, Mém. Soc. Linn. Nord France 8: 433. [Listed.]<sup>2</sup>  
 1892 *Stiroma pteridis* Ferrari, Ann. Mus. Genova (2) 12: 570 (22). [Listed.]<sup>9</sup>  
 1892 *Stiroma pteridis* Lethierry, Rev. Hémipt. Belgique :22. [Listed.]<sup>9</sup>  
 1892 *Stiroma pteridis* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>9</sup>  
 1894 *Stiroma pteridis* Edwards, Hemip.-Homop. British Islands Pt. 3: 74. [Described.]<sup>16</sup> :73. [Key.]  
 1894 *Stiroma pteridis* Horváth, Rev. Ent. 13: 177. [Listed.]<sup>17,20</sup>  
 1894 *Stiroma pteridis* Edwards, Hemip.-Homop. British Islands Pt. 2: Pl. 8, Fig. 7. [Illustrated.]  
 1895 *Stiroma pteridis* Wüstnei, Schr. Nat. Ver. Schleswig-Holsteins. 10: 270. [Listed.]<sup>7</sup>  
 1896 *Stiroma pteridis* Melichar, Cicad. Mittel-Europa :102. [Described.]<sup>3,7</sup> Equals *Ditropis pteridis* Kirschb. Equals [*Delphax*] *pteridis* Boh. :101. [Key.]  
 1897 *Delphax pteridis* Acloque, Faune France :401. [Key.]<sup>2</sup>  
 1897 *Stiroma pteridis* Horváth, Fauna Regni Hungariae :57. [Listed.]<sup>16</sup>  
 1897 *Delphax pteridis* Griffini, Ent. Italiani 4: 585; Fig. 210. [Described, illustrated.]  
 1899 *Stiroma pteridis* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :109. [Listed.]<sup>3</sup>  
 1899 *Stiroma pteridis* Melichar, Ent. Jahrb. 1899: (11). [Listed.]<sup>13</sup>  
 1901 *Stiroma pteridis* Lambertie, Act. Soc. Linn. Bordeaux 56: 218 (90). [Listed.]<sup>2</sup>  
 1902 *Stiroma pteridis* Dominique, Bull. Soc. Sci. Nat. Ouest France (11) 2: 223. [Listed.]<sup>2</sup>  
 1903 *Stiroma pteridis* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 63 (23). [Listed.]<sup>9</sup>  
 1904 *Stiroma pteridis* Hüber, Syst. Verz. deutschen Zikadinen :270. [Listed.]<sup>7</sup>  
 1906 *Stiroma pteridis* Matsumura, Schr. Nat. Ges. Danzig 11: 77. [Listed.]<sup>7</sup>  
 1907 *Stiroma pteridis* Oshanin, Verz. Palaeark. Hemip. 2 (2): 335. [Listed.]<sup>2,4,7,8,12,15,16,17</sup> Equals *Delphax pteridis* Boh. Equals *Ditropis pteridis* Fieb.  
 1907 *Stiroma pteridis* Butler, Hemip. Hastings :56. [Listed.]<sup>15</sup>  
 1908 *Stiroma pteridis* Lambertie, Proc. Verb. Soc. Linn. Bordeaux 62: cxxxiv (3) [Listed.]<sup>2</sup>  
 1908 *Stiroma pteridis* Oshanin, Verz. Palaeark. Hemip. 2 (3): 454. [Listed.]<sup>9,23</sup>  
 1908 *Stiroma pteridis* Saunders and Edwards, Cat. British Hemiptera 1908: 15. [Listed.]<sup>15</sup>



*Stiroma*

- 1909 *Stiroma pteridis* Lambertie, Proc. Verb. Soc. Linn. Bordeaux 63: cxlviii. [Listed.]<sup>2</sup>  
 1909 *Stiroma pteridis* Lambertie, Act. Soc. Linn. Bordeaux 62: (3). [Listed.]<sup>2</sup>  
 1910 *Stiroma pteridis* Lambertie, Misc. Ent. 18: 93. [Listed.]<sup>2</sup>  
 1912 *Stiroma pteridis* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>3,11</sup>  
 1912 *Stiroma pteridis* Lambertie, Act. Soc. Linn. Bordeaux 66: 81. [Listed.]<sup>2</sup>  
 1915 *Stiroma pteridis* Jacobsen, Ent. Medd. 10: 320. [Listed.]<sup>18</sup>  
 1916 *Stiroma pteridis* Jensen-Haarup, Flora och Fauna 1916: 37; Figs. 20a-c. [Described, illustrated.]<sup>18</sup> :36. [Key.]  
 1916 *Stiroma pteridis* Horváth, Ann. Mus. Nat. Hungarici 14: 16. [Listed.]<sup>19</sup>  
 1919 *Stiroma* [sic] *pteridis* Lyle, Entomologist 52: 7. [Listed.]<sup>5</sup>  
 1920 *Stiroma pteridis* Tullgren and Wahlgren, Svenska Insekter 1920: 153. [Notes.]<sup>4</sup>  
 1920 *Stiroma pteridis* Jensen-Haarup, Danmarks Fauna :63; Fig. 33. [Described, illustrated, key.]<sup>3,18</sup>  
 1921 *Stiroma pteridis* Lallemand, Bull. Soc. Ent. France 1921: 224. [Note.]  
 1925 *Stiroma pteridis* Singh-Pruthi, Trans. Ent. Soc. London 1925: 229; Pl. XXXI, Fig. 270. [Genitalia, illustrated.]  
 1926 *Stiroma pteridis* Rémy-Perrier, Homop. Fauna France 4: 93. [Key.]<sup>2</sup>  
 1927 *Stiroma pteridis* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 144. [Listed.]<sup>2</sup>  
 1929 *Stiroma pteridis* Luigioni, Atti Pontificia Accad. Sci. Nuovi Lincei 82: 220 (22). [Listed.]<sup>8</sup>  
 1929 *Delphax pteridis* Sherborn, Index Animalium 21: 5204. [Listed.]  
 1929 *Pteridetha* Sherborn, Index Animalium 21: 5204. [Listed.] [non binom.]  
 1934 *Stiroma pteridis* Thornley, Trans. Soc. British Ent. 1: 83. [Listed.]<sup>5</sup>  
 1935 *Stiroma pteridis* Halbert, Proc. R. Irish Acad. 42 (Sect. B): 310. [Listed.]<sup>6</sup>  
 1935 *Stiroma pteridis* Haupt, Tierwelt Mitteleuropas 4 (3): 138. [Key.] :131. [Notes.]  
 1935 *Stiroma pteridis* Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 7. [Listed.]<sup>7</sup>  
 1937 *Stiroma pteridis* Kuntze, Arch. Nat. (n. f.) 6: 337, 338, 341, 355. [Ecology.]<sup>7</sup>  
 1938 *Stiroma pteridis* Nast, Fragm. Faun. Mus. Zool. Polonici 3: 434 (4). [Listed.]<sup>22</sup>  
 1939 *Criomorphus pteridis* China, Ent. Monthly Mag. 75: 47. [Key.] :41, 42. [Comparative note.]  
 1939 *Criomorphus pteridis* Hassan, Trans. Ent. Soc. London 89: 361. [Parasites.]

*pteridis* Boheman. See *Stiroma pteridis* Spinola.

*ribauti* Lallemand. See *Pseudaraeopus lethierryi* Mulsant and Rey.

*ruficeps* Melichar. See *Eurysa lurida* Fieber.

*straminea* Stål. See *Delphacodes straminea* Stål.

**thoracica** Stål

- 1858 *Delphax thoracica* Stål, Öfv. Svenska Vet. Akad. Förh. 15: 356. Sweden<sup>1</sup>  
 [n. sp.]<sup>1</sup> Finland<sup>2</sup>  
 1867 *Delphax thoracicus* Marshall, Ent. Monthly Mag. 3: 269. [De- Scandinavia<sup>3</sup>  
 scribed.]<sup>6</sup> Russia<sup>4</sup>  
 1870 *D[elphax] thoracicus* [sic] Scott, Ent. Monthly Mag. 7: 71. To Germany<sup>5</sup>  
*[Delphax] moesta* Boh. [error.] England<sup>6</sup>  
 1871 *Ditropis thoracica* Sahlberg, Not. Fennica (n. s.) 9 (12): 58.  
 [Listed.]<sup>1,2</sup> :479. [Described.]<sup>1,2</sup> Equals *Delphax thoracica* Stål. :489. [Listed.]<sup>3</sup> :34.  
 [Ecology.]  
 1872 *Stiroma thoracica* Fieber, Kat. Europäischen Cicad. :6. To *Stiroma moesta* Boh.  
 [error.]  
 1875 *Stiroma thoracica* Puton, Cat. Hémipt. d'Europe 2 Ed. :122. [Listed.]<sup>3</sup>  
 1876 *Delphax thoracica* Douglas and Scott, Cat. British Hemip. :70. To *Stiroma moesta*  
 Boh. [error.]  
 1879 *Delphax thoracica* Fieber, Cicad d'Europe Pt. 4: 156 (92). To *Stiroma moesta* Boh.  
 [error.]  
 1886 *Stiroma thoracica* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>3</sup>  
 1899 *Stiroma thoracica* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :109. [Listed.]<sup>2,3</sup>



- 1907 *Stiroma thoracica* Oshanin, Verz. Palaeark. Hemip. 2 (2): 335. [Listed.]<sup>1,2,4</sup> Equals *Delphax thoracica* Stål. Equals *Ditropis thoracica* Sahlb.  
 1910 *Stiroma germanica* Matsumura, Jour. Coll. Sci. Tokyo 27: 38. [n. sp.]<sup>5</sup>  
 1912 *Stiroma thoracica* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>3,4</sup>  
 1912 *Stiroma germanica* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>5</sup>  
 1920 *Stiroma thoracica* Tullgren and Wahlgren, Svenska Insekter 1920: 153. [Notes.]<sup>1</sup>  
 1921 *Stiroma thoracica* Lallemand, Bull. Soc. Ent. France 1921: 224. [Note.]  
 1924 *Stiroma thoracica* Lindberg, Acta Soc. Fauna Flora Fennica 56: 40. [Notes.]<sup>2</sup> :46. [Listed.]<sup>2</sup> Equals *Stiroma germanica* Mats.  
 1935 [*Stiroma*] *germanica* Haupt, Tierwelt Mitteleuropas 4 (3) :138. To *Stiroma albo-marginata* Curt. [error.]  
 1937 *Stiroma thoracica* Lindberg, Not. Ent. 17: 61; Fig. 1a. [Notes, illustrated.]<sup>2</sup>  
 1939 *Delphax thoracica* China, Ent. Monthly Mag. 75: 43. To *Criomorplus moestus* Boh. [error.]

*vittata* Metcalf (var.). See *Stiroma bicarinata* var. *vittata* Metcalf.

### Genus STOBAERA Stål

- Haplotype *Delphax concinna* 1859 Stål, Berliner, Ent. Zeit. 3: 327.  
 Pseudotype *Stobaera tricarinata* 1914 Crawford, Mon. Delphacidae :572.  
 Type *Stobaera concinna* 1915 Muir, Canadian Ent. 47: 267.  
 Haplotype *Stobaera concinna* 1916 Van Duzee, Check list Hemip. America :84.  
 Haplotype *Stobaera concinna* 1917 Van Duzee, Cat. Hemip. America :771.  
 Type *Stobaera concinna* 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 7.  
 Type *Stobaera concinna* [sic] 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 239.  
 Haplotype *Delphax concinna* 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard 82: 303.

### [*Goniolcium* Fowler]

[Logotype *Goniolcium granulosum* 1915 Muir, Canadian Ent. 47: 264.]

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|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Stobaera             | 1859 Stål, Berliner Ent. Zeit. 3: 327. [gen. n.]<br>1873 Marschall, Nomenclator Zoologicus. 1873: 382. [Listed.]<br>1882 Scudder, Nomenclator Zoologicus. Univ. Index :304. [Listed.] |
| <i>Delphax</i>       | 1890 Provancher, Petite Faune Ent. Canada 3: 377. [Listed.] [nec Fabricius].                                                                                                          |
| <i>Delphax</i>       | 1890 Smith, Cat. Ins. New Jersey :440. [Listed.] [nec Fabricius] [in part.]                                                                                                           |
| <i>Stobera</i> [sic] | 1897 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 244. [Described.] :227. [Listed.] :229. [Key.]<br>1900 Smith, Ins. New Jersey 1900: 89. [Listed.]                                     |
| Stobaera             | 1902 Ball, Canadian Ent. 34: 266. [Comparative note.]<br>1904 Swezey, Prelim. Cat. Fulgoridae North America 1904: 37. [Listed.]                                                       |
| <i>Stobera</i> [sic] | 1904 Wirtner, Ann. Carnegie Mus. 3: 216. [Listed.]                                                                                                                                    |
| <i>Goniolcium</i>    | 1905 Fowler, Biologia Centrali-Americana 1: 132. [gen. n.] :130. [Key.]                                                                                                               |
| Stobaera             | 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 135. [Comparative note.]                                                                                                            |

*Stobaera*

- 1909 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 9: 200. [Comparative note.] Equals *Goniolcium* Fowl.
- 1909 Pierce, Bull. United States Nat. Mus. 66: 178. [Listed.]
- 1910 Smith, Rept. Ins. New Jersey 1910: 97. [Listed.]
- 1913 Metcalf, Ann. Ent. Soc. America 6: 343-346, 350. [Venation.]
- 1913 Muir, Proc. Hawaiian Ent. Soc. 2: 241. Equals *Goniolcium* Fowl. :240. [Comparative note.]
- 1914 Crawford, Mon. Delphacidae :571. [Described.] Equals *Goniolcium* Fowl. :572. [Key to species.] :562. [Key.] :577, 630. [Comparative note.]
- 1914 Van Duzee, Psyche 21: 164. [Synonymy.]
- 1915 Muir, Canadian Ent. 47: 212, 267. [Listed.] Equals *Goniolcium* Fowl. :297. [Key.]
- 1915 Brues and Melander, Key Families North American Ins. :74. [Listed.]
- Goniolcium* 1915 Muir, Canadian Ent. 47: 264. To *Stobaera* Stål.
- Stobaera* 1916 Muir, Philippine Jour. Sci. 11: 377. [Comparative note.]
- 1916 Van Duzee, Check List Hemip. America :84. [Listed.] Equals *Goniolcium* Fowl.
- 1917 Van Duzee, Cat. Hemip. America :771. [Listed.] Equals *Goniolcium* Fowl.
- 1920 Britton, Check-List Ins. Connecticut :47. [Listed.]
- 1923 Van Duzee, Fulgoridae Hemip. Connecticut :45. [Key.] :51. [Described, key to species.]
- 1923 Metcalf, Jour. Elisha Mitchell Soc. 38: 166. [Key, key to species.]
- 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 7. [Notes.] :4. [Key.]
- 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 17. [Comparative note.]
- Stobaera* [sic] 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 7. [Listed.]
- Stobaera* 1927 Johnson, Biol. Surv. Mount Desert Reg. 1: 33. [Listed.]
- 1928 Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 181. [Listed.]
- 1929 Knowlton, Florida Ent. 13: 50. [Listed.]
- Goniolcium* 1929 Schulze, Kükenthal and Heider, Nomenclator animalium 3 (11): 1398. [Listed.]
- Stobaera* 1934 Heaton, Bull. Brooklyn Ent. Soc. 29: 114. [Listed.]
- 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 234. [Key.] :239. [Listed.]
- 1937 Schulze, Kükenthal and Heider, Nomenclator animalium 5(23): 3308. [Listed.]
- 1938 Brimley, Insects of North Carolina 1938: 103. [Listed.]
- 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. 82: 302. [Listed.] :303. [Described.]
- Goniolcium* 1938 Osborn, Bull. Ohio Biol. Surv. 6: 330. [Key.] :334. [Described.]
- 1939 Neave, Nomenclator Zoologicus 2: 499. [Listed.]
- Stobaera* 1940 Neave, Nomenclator Zoologicus 4: 319. [Listed.]

*affinis* Van Duzee

- 1909 *Stobaera affinis* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 9: 199. Florida<sup>1</sup>  
[n. sp.]<sup>1</sup> Southern States<sup>2</sup>
- 1914 *Stobaera affinis* Crawford, Mon. Delphacidae :572. To *Stobaera*  
*tricarinata* Say. [error.]
- 1914 *Stobaera affinis* Barber, Bull. American Mus. Nat. Hist. 33: 529. [Listed.]<sup>1</sup>
- 1914 *Stobaera affinis* Van Duzee, Trans. San Diego Soc. Nat. Hist. 2: 44. [Distinct.]
- 1914 *Stobaera affinis* Van Duzee, Psyche 21: 164. [Distinct.]
- 1916 *Stobaera affinis* Van Duzee, Check List Hemip. America: 84. [Listed.]<sup>2</sup>
- 1917 *Stobaera affinis* Van Duzee, Cat. Hemip. America: 772. [Listed.]<sup>1</sup>

1921 *Stobaera affinis* Osborn, Florida Ent. 5: 18. [Listed.]<sup>1</sup>

1923 *Stobaera affinis* Metcalf, Jour. Elisha Mitchell Soc. 38: 166. [Key.] :149. [Comparative note.]

### azteca Muir

1913 *Stobaera azteca* Muir, Proc. Hawaiian Ent. Soc. 2: 242. [n. sp.] Mexico<sup>1</sup>  
*bifasciata* Provancher. See *Stobaera tricarinata* Say.

### biblobata Van Duzee

1914 *Stobaera bilobata* Van Duzee, Trans. San Diego Soc. Nat. Hist. 2: 44. [n. sp.]<sup>1</sup> California<sup>1</sup>  
Pacific States<sup>2</sup>

1916 *Stobaera bilobata* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>2</sup>

1917 *Stobaera bilobata* Van Duzee, Cat. Hemip. America :772. [Listed.]<sup>1</sup>

1917 [*Stobaera*] *bilobata* Van Duzee, Proc. California Acad. Sci. 7: 313 [Comparative note.]

### concinna Stål

1854 *Delphax concinna* Stål, Öfv. Svenska Vet. Akad. Förh. 11: 246. Mexico<sup>1</sup>  
[n. sp.]<sup>1</sup> Illinois<sup>2</sup>

1859 *Stobaera concinna* Stål, Berliner Ent. Zeit. 3: 327. [Described.]<sup>1</sup> New Jersey<sup>3</sup>  
Equals *Delphax concinna* Stål. Florida<sup>4</sup>

1859 *Delphax concinna* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup> Southern States<sup>5</sup>

1897 *Stobaera* [sic] *concinna* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 246. [Described.]<sup>1</sup> Equals *Delphax concinna* Stål. :227. [Listed.] Southwestern States<sup>6</sup>

1910 *Stobaera concinna* Smith, Rept. Ins. New Jersey 1910: 97. Lower California<sup>7</sup>  
[Listed.]<sup>3</sup>

1909 [*Stobaera*] *concinna* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 9: 199. [Comparative note.] :200. Equals *Goniolcium granulosum* Fowl. [Error.]

1913 *Stobaera concinna* Muir, Proc. Hawaiian Ent. Soc. 2: 241. [Described.]<sup>1</sup>

1914 *Stobaera concinna* Barber, Bull. American Mus. Nat. Hist. 33: 529. [Listed.]<sup>4</sup>

1914 *Stobaera concinna* Van Duzee, Psyche 21: 164. [Distinct.]

1914 *Stobaera concinna* Van Duzee, Trans. San Diego Soc. Nat. Hist. 2: 44. [Notes.]<sup>7</sup>

1914 *Stobaera concinna* Crawford, Mon. Delphacidae :572. To *Stobaera tricarinata* Say. [error.]

1916 *Stobaera concinna* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>5,6</sup> Equals *Stobaera granulosum* Fowl. [error.]

1917 *Stobaera concinna* Muir, Proc. Hawaiian Ent. Soc. 3: 316. [Notes.]

1917 *Stobaera concinna* Van Duzee, Cat. Hemip. America :771. [Listed.]<sup>1,3,4,7</sup> Equals *Delphax concinna* Stål. Equals *Goniolcium granulosum* Fowl. [error.]

1921 *Stobaera concinna* Osborn, Florida Ent. 5: 18. [Listed.]<sup>4</sup>

1923 *Stobaera concinna* Metcalf, Jour. Elisha Mitchell Soc. 38: 166; Pl. 68, Fig. 623. [Key, illustrated.]

1923 *Stobaera concinna* Van Duzee, Proc. California Acad. Sci. (4) 12: 198. [Listed.]<sup>7</sup>

1924 *Stobaera concinna* Weese, Illinois Biol. Monog. 9: (4): 32. [Ecology.]<sup>2</sup>

1926 *Stobaera concinna* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 7. [Distinct.]

*foveata* Spooner. See *Pissonotus quadripustulatus* Van Duzee.

### giffardi Van Duzee

1917 *Stobaera giffardi* Van Duzee, Proc. California Acad. Sci. 7: 313. California<sup>1</sup>  
[n. sp.]<sup>1</sup>

### granulosa Fowler

1905 *Goniolcium granulosum* Fowler, Biologia Centrali-Americana 1: 132; Pl. 13, Figs. 7, 7a, 8. [n. sp., illustrated.]<sup>1,2</sup> Mexico<sup>1</sup>  
Guatemala<sup>2</sup>

*Stobaera*

- 1913 *Stobaera granulosa* Muir, Proc. Hawaiian Ent. Soc. 2: 242. Ecuador<sup>3</sup>  
[Notes.]<sup>1</sup>
- 1914 *Stobaera granulolum* Crawford, Mon. Delphacidae :576. [Listed.]<sup>1</sup> Equals *Goniolcium granulolum* Fowl.
- 1916 *Stobaera granulolum* Van Duzee, Check List Hemip. America :84. To *Stobaera concinna* Stål. [error.]
- 1917 *Goniolcium granulolum* Van Duzee, Cat. Hemip. America :771. To *Stobaera concinna* Stål. [error.]
- 1926 *Stobaera granulosa* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 7. [Notes.]<sup>3</sup> Equals *Stobaera tricarinata* Crawf. [nec Say.]

*koebeli* Muir

- 1913 *Stobaera koebeli* Muir, Proc. Hawaiian Ent. Soc. 2: 242. [n. sp.]<sup>1</sup> Mexico<sup>1</sup>

*minuta* Osborn

- 1905 *Stobaera minuta* Osborn, Ohio Nat. 5: 376. [n. sp.]<sup>1</sup> Louisiana<sup>1</sup>
- 1909 [*Stobaera*] *minuta* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 9: 199. California<sup>2</sup>  
[Comparative note.] Southern States<sup>2</sup>
- 1914 *Stobaera minuta* Crawford, Mon. Delphacidae :572. To *Stobaera tricarinata* Say. [error.] Western States  
Lower
- 1914 *Stobaera minuta* Van Duzee, Psyche 21: 164. [Distinct.] California<sup>5</sup>
- 1914 *Stobaera minuta* Van Duzee, Trans. San Diego Soc. Nat. Hist. 2: 44. [Notes.]<sup>2</sup>
- 1916 *Stobaera minuta* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>3,4</sup>
- 1917 [*Stobaera*] *minuta* Van Duzee, Proc. California Acad. Sci. 7: 313 [Comparative note.]
- 1917 *Stobaera minuta* Van Duzee, Cat. Hemip. America :772. [Listed.]<sup>1,2</sup>
- 1923 *Stobaera minuta* Van Duzee, Proc. California Acad. Sci. (4) 12: 198 [Listed.]<sup>5</sup>
- 1923 *Stobaera minuta* Metcalf, Jour. Elisha Mitchell Soc. 38: 166; Pl. 58, Figs. 372, 373; Pl. 68, Fig. 625. [Key, illustrated.]

*nigripennis* Crawford

- 1914 *Stobaera nigripennis* Crawford, Mon. Delphacidae :576. [n. sp.]<sup>2</sup> Pacific States<sup>1</sup>  
:572. [Key.] California<sup>2</sup>
- 1914 *Stobaera nigripennis* Van Duzee, Trans. San Diego Soc. Nat. Hist. 2: 45. [Comparative note.]
- 1916 *Stobaera nigripennis* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>1</sup>
- 1917 *Stobaera nigripennis* Van Duzee, Cat. Hemip. America :772. [Listed.]<sup>2</sup>

*pallida* Osborn

- 1905 *Stobaera pallida* Osborn, Ohio Nat. 5: 375. [n. sp.]<sup>1,2</sup> Maryland<sup>1</sup>
- 1909 *Stobaera pallida* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 9: 200. New York<sup>2</sup>  
[Notes.]<sup>3</sup> :199. [Comparative note.] Florida<sup>3</sup>
- 1914 *Stobaera pallida* Barber, Bull. American Mus. Nat. Hist. 33: 529. Southeastern  
[Listed.]<sup>3</sup> States<sup>3</sup>
- 1914 *Stobaera pallida* Crawford, Mon. Delphacidae :575; Pl. 47, Fig. C. Delaware<sup>5</sup>  
[Described, illustrated.]<sup>1,2,3,5</sup> :572. [Key.]
- 1916 *Stobaera pallida* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>4</sup>
- 1917 *Stobaera pallida* Van Duzee, Cat. Hemip. America :772. [Listed.]<sup>1,2,3,5</sup>
- 1921 *Stobaera pallida* Osborn, Florida Ent. 5: 18. [Listed.]<sup>3</sup>
- 1923 *Stobaera pallida* Metcalf, Jour. Elisha Mitchell Soc. 38: 166; Pl. 58, Figs. 368, 369; Pl. 62, Fig. 487; Pl. 65, Fig. 540; Pl. 68, Fig. 622. [Key, illustrated.]
- 1923 *Stobaera pallida* Van Duzee, Fulgoridae Hemip. Connecticut :51. [Key.] :52.  
[Notes.]<sup>2,3</sup>
- 1928 *Stobaera pallida* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 181. [Listed.]<sup>3</sup>
- quadripustulata* Van Duzee. See *Pissonotus quadripustulatus* Van Duzee.



## testacea Fowler

- 1905 *Goniolcium testaceum* Fowler, *Biologia Centrali-Americana* 1: 133; Guatemala<sup>1</sup>  
Pl. 13, Figs. 9, 9a. [n. sp., illustrated.]<sup>1</sup> Canal Zone<sup>2</sup>
- 1913 *Stobaera testacea* [sic] Muir, *Proc. Hawaiian Ent. Soc.* 2: 243. [Notes.]
- 1914 *Stobaera testaceum* Crawford, *Mon. Delphacidae* :576. [Listed.]<sup>1</sup> Equals *Goniolcium testaceum* Fowl.
- 1938 *Stobaera* (?) *testaceum* Metcalf, *Bull. Mus. Comp. Zool. Harvard Coll.* 82: 303. [Notes.]<sup>2</sup>

*testacea*. Typographical error for *Stobaera testacea* Fowler.

## tricarinata Say

- 1825 *Delphax tricarinata* Say, *Jour. Acad. Nat. Sci. Philadelphia* 4: Missouri<sup>1</sup>  
337. [n. sp.]<sup>1</sup> North America<sup>2</sup>
- 1850 *Delphax tricarinata* Schaum, *Allg. Encykl. Ersch und Gruber* 51: Nebraska<sup>3</sup>  
69. [Listed.]<sup>2</sup> Illinois<sup>4</sup>
- 1851 *Delphax tricarinata* Walker, *List Homop. British Mus.* 2: 353. Louisiana<sup>5</sup>  
[Listed.]<sup>10</sup> New Jersey<sup>6</sup>
- 1859 *Delphax tricarinata* Say, *Comp. Writings of Thomas Say* 2: 255. Quebec<sup>7</sup>  
n. sp.]<sup>1</sup> Iowa<sup>8</sup>
- 1859 *Delphax tricarinata* Dohrn, *Cat. Hemip.* :61. [Listed.]<sup>2</sup> Death Valley<sup>9</sup>
- 1872 *Delphax tricarinata* Provancher, *Nat. Canadien* 4: 320. [Com- United States<sup>10</sup>  
parative note.] Canada<sup>11</sup>
- 1876 *Delphax tricarinata* Uhler, *Bull. United States Geol. Geog. Surv. Colorado*<sup>12</sup>  
*Terr.* 1 (5): 352. [Listed.]<sup>1,3,4</sup> New
- 1878 *Delphax tricarinata* Glover, *Mss. Notes Homop.*: Figs. 2, 3. [Il- Hampshire<sup>13</sup>  
lustrated.] Texas<sup>14</sup>
- 1885 *Delphax tricarinatus* Popenoe, *Trans. Kansas Acad. Sci.* 9: 63. California<sup>15</sup>  
[Listed.]<sup>20</sup> Ohio<sup>16</sup>
- 1890 [*Delphax*] *tricarinata* Provancher, *Petite Faune Ent. Canada* 3: Virginia<sup>17</sup>  
338. [Comparative note.] New York<sup>18</sup>
- 1890 *Delphax tricarinata* Van Duzee, *Psyche* 5: 389. [Listed.]<sup>2</sup> Minnesota<sup>19</sup>
- 1890 *Delphax tricarinata* Smith, *Cat. Ins. New Jersey* 1890: 440. Kansas<sup>20</sup>  
[Listed.]<sup>6</sup> Mississippi<sup>21</sup>
- 1890 *Delphax bifasciata* Provancher, *Petite Faune Ent. Canada* 3: 337. Pennsylvania<sup>22</sup>  
[n. sp.]<sup>7</sup> Arkansas<sup>23</sup>
- 1891 *Liburnia intertexta* Bruner, *Bull. United States Dept. Agr. Div. Alabama*<sup>24</sup>  
*Ent. [o. s.]* 23: 17. [Economics.]<sup>3</sup> [nom. nud.] Arizona<sup>25</sup>
- 1892 *Delphax tricarinatus* Osborn, *Proc. Iowa Acad. Sci.* 1: 127 (13). Mexico<sup>26</sup>  
[Listed.]<sup>8</sup> Cuba<sup>27</sup>
- 1893 *Delphax tricarinatus* Riley, *North American Fauna* 7: 250. Guatemala<sup>28</sup>  
[Listed.]<sup>9</sup> Nicaragua<sup>29</sup>
- 1894 *Conomelus tricarinatus* Van Duzee, *Bull. Buffalo Soc. Nat. Sci.* North  
5: 191. [Listed.]<sup>18</sup> Carolina<sup>30</sup>
- 1895 *Conomelus tricarinatus* Gillette and Baker, *Hemip. Colorado* :69. Connecticut<sup>31</sup>  
[Listed.]<sup>12</sup> Maine<sup>32</sup>
- 1896 *Stobaera tricarinata* Slosson, *Ent. News* 7: 265. [Listed.]<sup>13</sup> Kentucky<sup>33</sup>
- 1897 *Stobera* [sic] *tricarinata* Van Duzee, *Bull. Buffalo Soc. Nat. Sci.* 5: Indiana<sup>34</sup>  
245. [Described.]<sup>1,2,3,4,6,7,8,12,14,15,17,18,20,21,37</sup> Equals *Delphax tri-* Utah<sup>35</sup>  
*carinatus* Say. Equals *Conomelus tricarinatus* Van Duz. :227. Puerto Rico<sup>36</sup>  
[Listed.] :246, 247. [Comparative note.] Ontario<sup>37</sup>
- 1897 *Stobera* [sic] *bifasciata* Van Duzee, *Bull. Buffalo Soc. Nat. Sci.* 5:  
246. [Notes.]<sup>2</sup> Equals *Delphax bifasciata* Prov. :227. [Listed.]
- 1900 *Stobera* [sic] *tricarinata* Forbes, *Rept. State Ent. Illinois* 21: 65; Pl. I, Fig. 1. [De-  
scribed, illustrated.] :67. [Economics.]<sup>4,6,11,14,15</sup> Equals *Delphax tricarinata* Say.  
Equals *Liburnia intertexta* Uhl. [nom. nud.]



*Stobaera*

- 1900 *Stobera* [sic] *tricarinata* Forbes and Hart, Bull. Illinois Agr. Exp. Sta. 60: 413; Pl. 1, Fig. 1. [Described, illustrated.] :415. [Economics.]<sup>4,6,11,14,15</sup> Equals *Delphax tricarinata* Say. Equals *Liburnia intertexta* Uhl. [nom. nud.]
- 1900 *Stobera* [sic] *tricarinata* Osborn, Ann. Rept. Ohio St. Acad. Sci. 8: 64. [Listed.]<sup>16</sup>
- 1900 *Stobera* [sic] *tricarinata* Osborn, Ohio Nat. 1: 11. [Listed.]<sup>16</sup>
- 1900 *Stobera* [sic] *tricarinata* Smith, Ins. New Jersey 1900: 89. [Listed.]<sup>6</sup>
- 1902 *Stobaera tricarinata* Ball, Canadian Ent. 34: 266. [Comparative note.]
- 1904 *Stobaera tricarinata* Swezey, Prelim. Cat. Fulgoridae North America. 1904: 37. [Listed, food plants.]<sup>1,3,4,6,8,12,14,15,16,17,18,20,21,37</sup> Equals *Conomelus tricarinatus* Van Duz. Equals *Delphax tricarinata* Say.
- 1904 *Stobaera bifasciata* Swezey, Prelim. Cat. Fulgoridae North America 1904: 37. [Listed.]<sup>7</sup> Equals *Delphax bifasciata* Prov.
- 1904 *Stobera* [sic] *tricarinata* Kellogg, American Insects :168; Fig. 237. [Illustrated.]
- 1904 *Stobera* [sic] *tricarinata* [sic] Osborn, Proc. Soc. Prom. Agr. Sci. 25: 33. [Economics.]<sup>10</sup>
- 1904 *Stobera* [sic] *tricarinata* Wirtner, Ann. Carnegie Mus. 3: 216. [Listed.]<sup>22</sup>
- 1905 *Stobaera tricarinata* Osborn, Ohio Nat. 5: 375, 376. [Comparative note.]
- 1907 *Stobaera tricarinata* Tucker, Bull. Kansas Univ. Sci. 4: 65. [Listed.]<sup>20</sup>
- 1909 [*Stobaera*] *tricarinata* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 9: 199, 200. [Comparative note.]
- 1910 *Stobaera tricarinata* Smith, Rept. Ins. New Jersey 1910: 97. [Listed.]<sup>6</sup>
- 1912 *Stobaera tricarinata* Van Duzee, Canadian Ent. 44: 329. Equals *Delphax bifasciatus* Prov.
- 1913 *Stobaera tricarinata* Metcalf, Ann. Ent. Soc. America 6: 346, 352; Pl. XXXVI, Figs. 45, 46. [Tracheation, illustrated.] :350, 352; Pl. XXXVII, Figs. 51, 52. [Venation, illustrated.]
- 1913 *Stobaera tricarinata* Muir, Proc. Hawaiian Ent. Soc. 2: 241. [Described.]
- 1914 [*Stobaera*] *tricarinata* Crawford, Mon. Delphacidae :575, 576. [Comparative note.]
- 1914 *Stobaera tricarinata* Van Duzee, Trans. San Diego Soc. Nat. Hist. 2: 44. [Notes.]<sup>15</sup> :44, 45. [Comparative note.]
- 1914 *Stobaera tricarinata* Van Duzee, Psyche 21: 164. [Distinct.]
- 1914 *Stobaera tricarinata* Crawford, Mon. Delphacidae :572; Pl. 45, Figs. I-K, O; Pl. 49, Fig. K. [Described, illustrated.]<sup>1,4,12,15,17,19,22,23,24,25,26,27,28,29,33</sup> :572. [Key.] Equals *Stobaera concinna* Stål. [error.] Equals *Stobaera bifasciata* Prov. Equals *Delphax tricarinata* Say. Equals *Conomelus tricarinatus* Van Duz. Equals *Stobaera minuta* Osb. [error.] Equals *Stobaera affinis* Van Duz. [error.]
- 1915 *Stobaera tricarinata* Metcalf, Jour. Elisha Mitchell Soc. 31: 44 (12). [Listed.]<sup>30</sup>
- 1916 *Stobaera tricarinata* Van Duzee, Check List Hemip. America. :84. [Listed.]<sup>7,10</sup> Equals *Stobaera bifasciata* Prov.
- 1917 [*Stobaera*] *tricarinata* Van Duzee, Proc. California Acad. Sci. 7: 313. [Comparative note.]
- 1917 *Stobaera tricarinata* Van Duzee, Cat. Hemip. America :771. [Listed.]<sup>1,3,4,6,7,8,12,13,14,15,16,17,18,19,20,21,22,23,24,25,30,33,37</sup> Equals *Delphax tricarinata* Say. Equals *Conomelus* (?) *tricarinata* Say. Equals *Delphax bifasciata* Prov.
- 1918 *Stobaera* [sic] *tricarinata* Johnson and Ledig, Pomona Jour. Ent. 10: 8. [Listed.]<sup>15</sup>
- 1920 *Stobaera tricarinata* Britton, Check-List. Ins. Connecticut :47. [Listed.]<sup>31</sup> Equals *Delphax tricarinata* Say.
- 1923 *Stobaera tricarinata* Balduf, Bull. Ohio Agr. Exp. Sta. 366: 164. [Listed.]<sup>16</sup>
- 1923 *Stobaera tricarinata* Van Duzee, Fulgoridae Hemip. Connecticut :51. [Key, notes.]<sup>7,10,31</sup>
- 1923 *Stobaera tricarinata* Metcalf, Jour. Elisha Mitchell Soc. 38: 166; Pl. 45, Fig. 95; Pl. 58, Figs. 370, 371; Pl. 68, Fig. 624. [Key, illustrated.]
- 1926 *Stobaera tricarinata* Osborn, Sci. Contr. Trop. Pl. Res. Found. 2: 358. [Notes.]<sup>27</sup>
- 1926 *Stobaera tricarinata* Osborn, Ann. Ent. Soc. America 19: 358. [Notes.]<sup>27</sup>
- 1926 *Stobaera tricarinata* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 7. [Distinct.]
- 1927 *Stobaera tricarinata* Johnson, Biol. Surv., Mount Desert Reg. 1: 33. [Listed.]<sup>32</sup>
- 1928 *Stobaera tricarinata* Metcalf and Flint, Destructive and Useful Insects :186; Fig. 110. [Illustrated.]

- 1928 *Stobaera tricarinata* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. **101**: 181. [Listed.]<sup>18</sup>  
 1929 *Stobaera tricarinata* Knowlton, Florida Ent. **13**: 59. [Listed.]<sup>36</sup>  
 1929 *Stobaera tricarinata* Osborn, Jour. Dept. Agr. Porto Rico **13**: 110. [Listed.]<sup>36</sup>  
 1930 *Stobaera tricarinata* Hendrickson, Iowa State Jour. Sci. **4**: 90. [Ecology.]<sup>8</sup>  
 1931 *Delphax tricarinata* Sherborn, Index Animalium **26**: 6578. [Listed.]  
 1932 *Stobaera tricarinata* Metcalf and Flint, Fundamentals of Insect Life :211; Fig. 134. [Illustrated.]  
 1932 *Stobaera tricarinata* Osborn, Ohio Jour. Sci. **32**: 517. [Listed.]<sup>16</sup>  
 1934 *Stobaera tricarinata* Heaton, Bull. Brooklyn Ent. Soc. **29**: 114. [Listed.]<sup>34</sup>  
 1935 *Stobaera tricarinata* Osborn, Sci. Surv. Porto Rico and Virgin Islands **14**: 239. [Described.]<sup>10, 36</sup> Equals *Delphax tricarinata* Say.  
 1936 *Stobaera tricarinata* Wolcott, Jour. Agr. Univ. Puerto Rico **20**: 106. [Listed.]<sup>36</sup>  
 1937 *Stobaera tricarinata* Blanton, Jour. Econ. Ent. **30**: 972. [Listed.]  
 1938 *Stobaera tricarinata* Brimley, Insects of North Carolina **1938**: 103. [Listed.]<sup>30</sup>  
 1938 *Stobaera tricarinata* Osborn, Bull. Ohio Biol. Surv. **6**: 334; Fig. 35b. [Described, illustrated, comparative note.]<sup>7, 10, 16</sup>  
 1939 *Stobaera tricarinata* Glick, Tech. Bull. United States Dept. Agr. **673**: 27. [Listed.]<sup>6</sup>  
 1939 *Stobaera tricarinata* Metcalf and Flint, Destructive and Useful Insects 2 ed.: 198; Fig. 118. [Illustrated.]  
 1939 *Stobaera tricarinata* Osborn, Meadow and Pasture Insects **1939**: 161. [Note.]  
*tricarinata*. Typographical error for *Stobaera tricarinata* Say.

Genus **AMBARVALIA** Distant

Haplotype *Ambarvalia pyrops* [n. sp.] 1917 Distant, Trans. Linn. Soc. London Zool. **17**: 306.

- Ambarvalia 1917 Distant, Trans. Linn. Soc. London Zool. **17**: 306. [gen. n.]  
 1919 Muir, Canadian Ent. **51**: 6. [Notes.]  
 1926 Schulze, Kükenthal and Heider, Nomenclator animalium **1** (1): 125. [Listed.]  
 1939 Neave, Nomenclator Zoologicus **1**: 135. [Listed.]

**pyrops** Distant

- 1917 *Ambarvalia pyrops* Distant, Trans. Linn. Soc. London Zool. **17**: 306; Pl. 51, Figs. 1, 1a. [n. sp., illustrated.]<sup>1</sup> Seychelles<sup>1</sup> (Indian Ocean)

Tribe **TROPIDOCEPHALINI** Muir

- Tropidocephalini 1915 Muir, Canadian Ent. **47**: 269. *Tribe*. [Key.] :270. [Key to genera.]  
 Tropidocephalini 1916 Muir, Philippine Jour. Sci. **11**: 372. [New genera and species from the Philippine Islands.]  
 Tropidocephalini 1921 Muir, Proc. Hawaiian Ent. Soc. **4**: 480. [New species from South India.]  
 Tropidocephalini 1923 Muir, Proc. Hawaiian Ent. Soc. **5**: 224. *Tribe*. [Key.]  
 Tropidocephalini 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 4. [Key.]  
 Tropidocephalini 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 7. [New genera and species from South America.]  
 Tropidocephalini 1926 Muir, Ann. Mag. Nat. Hist. (9) **17**: 17. [New species from South Africa.]  
 Tripodocephalini 1929 Muir, Ann. Mag. Nat. Hist. (10) **4**: 188. [Listed.] :186. [Food plants.]  
*Tropidocephalinae* 1929 Haupt, Cong. Int. Zool. **10**: 1073. [Taxonomy.]  
*Tropidocephalinae* 1929 Haupt, Zool. Jahrb. Syst. Ökol. **58**: 208. *Subfamily*. [Key.]  
 Tropidocephalini 1930 Muir, Ann. Mag. Nat. Hist. (10) **6**: 468. *Tribe*. [Key.]  
 Tropidocephalini 1930 Muir, Ent. Tidskr. **51**: 211. [Listed.]  
 Tropidocephalini 1934 Muir, Ann. Mag. Nat. Hist. (10) **14**: 575. [Listed.]

*Tropidocephalini—Tropidocephala*

- Tropidocephalinae* 1935 Haupt, Tierwelt Mitteleuropas 4 (3): 129. *Subfamily*. [Key.] :131.  
[Key to European genera and species.]
- Tropidocephalini* 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. 82: 303. *Tribe*. [Described.]

Genus **TROPIDOCEPHALA** Stål

- Haplotype *Tropidocephala flaviceps* [n. sp.] 1855 Stål, Öfv. Svenska. Vet. Akad. Förh. 12: 93.
- Type *Tropidocephala flaviceps* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 141.
- Type *Tropidocephala flaviceps* 1912 Oshanin, Kat. Paläark. Hemip. :117.
- Type *Tropidocephala flaviceps* 1915 Muir, Canadian Ent. 47: 267.
- Type *Tropidocephala flaviceps* 1916 Distant, Fauna British India 6: 143.
- Type *Tropidocephala flaviceps* 1921 Muir, Proc. Hawaiian Ent. Soc. 4: 481.
- Type *Tropidocephala flaviceps* 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 208.
- Type *Tropidocephala flaviceps* 1935 Haupt, Tierwelt Mitteleuropas 4 (3): 129.

[*Orchesma* Melichar]

- [Logotype *Orchesma marginepunctata* 1906 Distant, Fauna British India 3: 476.]
- [Type *Orchesma marginepunctata* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 141.]
- [Type *Orchesma marginepunctata* 1915 Muir, Canadian Ent. 47: 266.]
- [Type *Orchesma marginepunctata* 1921 Muir, Proc. Hawaiian Ent. Soc. 4: 481.]

[*Ectopiopterygodelphax* Kirkaldy]

- [Haplotype *Ectopiopterygodelphax eximius* [n. sp.] 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 1 (9): 412. [gen. n.]]
- [Type *Ectopiopterygodelphax eximius* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 141.]
- [Type *Ectopiopterygodelphax eximius* 1915 Muir, Canadian Ent. 47: 263.]

[*Smara* Distant]

- [Orthotype *Smara festiva* [n. sp.] 1906 Distant, Fauna British India 3: 478.]
- [Type *Smara festiva* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 142.]
- [Type *Smara festiva* 1915 Muir, Canadian Ent. 47: 267.]

[*Conicoda* Matsumura]

[Logotype *Conicoda graminea* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 141.]

[Type *Conicoda graminea* 1915 Muir, Canadian Ent. 47: 262.]

- Tropidocephala* 1853 Stål, Öfv. Svenska Vet. Akad. Förh. 10: 266. [gen. n.]  
 1855 Stål, Öfv. Svenska Vet. Akad. Förh. 12: 93. [Listed.]  
 1859 Dohrn, Cat. Hemip.: 62. [Listed.]  
 1860 Signoret, Ann. Soc. Ent. France (3) 8: 185. [Listed.]  
 1866 Stål, Hemip. Africana 4: 176. [Key.] :178. [Described.] Equals *Nephropsia* Costa. [error.]  
 1867 Dallas, Zool. Rec. 3: 559. Equals *Nephropsia* Costa. [error.]  
 1872 Fieber, Kat. Europäischen Cicad. :5. [Listed.] Equals *Delphax* Muls. Equals *Nephropsia* Costa. [error.]  
 1873 Marschall, Nomenclator Zoologicus 1873: 384. [Listed.]  
 1875 Fieber, Cicad. d'Europe Pt. 1: 368 (81). [Key.]  
 1875 Puton, Cat. Hémip. d'Europe 2 Ed. :117. [Listed.]  
 1876 Fieber, Cicad. d'Europe Pt. 2: Pl. 7. [Illustrated.]  
 1878 Fieber, Cicad. d'Europe Pt. 3: 275 (6). [Listed.] Equals *Nephropsia* Costa. [error.] Equals *Delphax* Muls.  
 1882 Scudder, Nomenclator Zoologicus. Univ. Index :328. [Listed.]  
 1883 Berg, An. Soc. Cient. Argentina 16: 234. [Comparative note.] Equals *Nephropsia* Costa. [error.]  
 1884 Berg, Addenda et Emendanda ad Hemiptera Argentina 1884: 140. [Comparative note.] Equals *Nephropsia* Costa. [error.]  
 1886 Puton, Cat. Hémip. Faune Paléarctique 3 Ed.: 72. [Listed.]  
 1889 Ashmead, Ent. Americana 5: 26. [Key.]  
 1891 Oshanin, Mém. Sect. caucasienne Soc. russe Geogr. 23 (1): 48. [Listed.]  
 1897 Horváth, Fauna Regni Hungariae :55. [Listed.]  
 1899 Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :106. [Listed.]
- Conicoda*  
*Tropidocephala* 1900 Matsumura, Ent. Nachr. 26: 258. [gen. n.]  
 1902 Melichar, Ann. Mus. St. Pétersburg 7: 90 (15). Equals *Conicoda* Mats.
- Conicoda*  
*Orchesma* 1902 Waterhouse, Index Zool. :84. [Listed.]  
 1903 Melichar, Homop.-Fauna Ceylon :94. [gen. n.] :225. [Listed.]  
 1906 Distant, Fauna British India 3: 476. [Described.] :466. [Key.]
- Ectopipterygodelphax* 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 1 (9): 412. [gen. n.] :313. [Listed.]
- Samara*  
*Tropidocephala* 1906 Distant, Fauna British India 3: 478. [gen. n.] :466. [Key.]  
 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 127. [Key.] :141. [Listed, key to species.] Equals *Conicoda* Mats. Equals *Nephropsia* Costa. [error.] Equals *Orchesma* Mel. Equals *Ectopipterygodelphax* Kirk. Equals *Samara* Dist. :124. [Morphology.] :139. [Comparative note.]  
 1907 Matsumura, Ann. Mus. Nat. Hungarici 5: 57. [Described, key to species.] Equals *Samara* Dist. Equals *Ectopipterygodelphax* Kirk. Equals *Conicoda* Mats. Equals *Nephropsia* Costa. [error.] :56. [Listed.]  
 1907 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 8: 43. [Comparative note.]  
 1907 Oshanin, Verz. Palaeark. Hemip. 2 (2): 299. [Listed.] Equals *Nephropsia* Costa. [error.]
- Tropidocephala* 1907 Oshanin, Verz. Palaeark. Hemip. 2 (2): 299. [Listed.] (*Tropidocephala* Stål.)



*Tropidocephala*

- Tropidocephala* 1907 Oshanin, Verz. Palaeark. Hemip. 2 (2): 300. [Listed.] Equals *Conicoda* Mats. (*Concida* Mats.)
- 1908 Oshanin, Verz. Palaeark. Hemip. 2 (3) :450. Equals *Conicoda* Mats. Equals *Ectopiopterygodelphax* Kirk. Equals *Smara* Dist.
- Orchesma* 1908 Bierman, Notes Leyden Mus. Jentink 29: 161. [Listed.]
- Tropidocephala* 1912 Oshanin, Kat. Paläark. Hemip. :117. [Listed.] Equals *Nephropsia* Costa [error.] Equals *Conicoda* Mats. Equals *Orchesma* Mel. Equals *Smara* Dist. Equals *Ectopiopterygodelphax* Kirk.
- Orchesma* 1912 Waterhouse, Index Zool. 11: 202. [Listed.]
- Ectopiopterygodelphax* 1912 Waterhouse, Index Zool. 11: 91. [Listed.]
- Smara* 1912 Waterhouse, Index Zool. 11: 276. [Listed.]
- Tropidocephala* 1913 Muir, Proc. Hawaiian Ent. Soc. 2: 243. [Notes.]
- 1914 Melichar, Notes. Leyden Mus. 36: 109. [Listed.] Equals *Orchesma* Bierm. Equals *Conicoda* Mats. Equals *Smara* Dist.
- 1914 Distant, Bull. Ent. Res. 5: 242. [Listed.]
- 1914 Crawford, Mon. Delphacidae :585. 633. [Comparative note.]
- 1914 Matsumura, Ann. Mus. Nat. Hungarici 12: 273. [Comparative note.]
- 1915 Matsumura, Trans. Sapporo Nat. Hist. Soc. 5: 178. [Comparative note.]
- 1915 Muir, Canadian Ent. 47: 212, 267, [Listed.] :270 [Key.] Equals *Nephropsis* [sic] Costa. Equals *Conicoda* Mats. Equals *Orchesma* Mel. Equals *Ectopiopterygodelphax* Kirk.
- Conicoda* 1915 Muir, Canadian Ent. 47: 262. To *Tropidocephala* Stål.
- Ectopiopterygodelphax* 1915 Muir, Canadian Ent. 47: 263. To *Tropidocephala* Stål.
- Nephropsia* 1915 Muir, Canadian Ent. 47: 265. To *Tropidocephala* Stål. [error.]
- Orchesma* 1915 Muir, Canadian Ent. 47: 266. To *Tropidocephala* Stål.
- Smara* 1915 Muir, Canadian Ent. 47: 267. To *Tropidocephala* Stål.
- Tropidocephala* 1915 Schumacher, Mitt. Zool. Mus. Berlin 8: 133. [Listed.] Equals *Smara* Dist.
- 1915 Schumacher, Suppl. Ent. 4: 142. [Listed.] Equals *Orchesma*. Mel.
- Orchesma* 1916 Distant, Fauna British India 6: 142. [Listed.]
- Tropidocephala* 1916 Muir, Proc. Hawaiian Ent. Soc. 3: 202. [Note.]
- 1916 Oshanin, Horae Soc. Ent. Rossicae 42: 88. [Bibliography.]
- 1916 Distant, Fauna British India 6: 142. [Notes.] Equals *Nephropsia* Costa. [error.] Equals *Smara* Dist. Equals *Ectopiopterygodelphax* Kirk. Equals *Conicoda* Mats.
- 1916 Muir, Philippine Jour. Sci. 11: 373. [Listed.]
- 1916 Muir, Philippine Jour. Sci. 15: 522. [Listed.]
- Tropidocephalus* [sic] 1920 Muir, Proc. Linn. Soc. New South Wales 45: 182. [Comparative note.]
- Tropidocephala* 1921 Muir, Proc. Hawaiian Ent. Soc. 4: 480. [Notes.] Equals *Orchesma*. Equals *Nephropsia* Costa. [error.]
- 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 6. [Comparative note.]
- 1926 Muir, Ann. Mag. Nat. Hist. (9) 17: 17. [Listed.]
- 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 8. [Comparative note.]
- Conicoda* 1927 Schulze, Kükenthal and Heider, Nomenclator animalium 2 (7): 774. [Listed.]
- Ectopiopterygodelphax* 1928 Schulze, Kükenthal and Heider, Nomenclator animalium 2 (9): 1103. [Listed.]
- Tropidocephala* 1929 Muir, Ann. Mag. Nat. Hist. (10) 4: 190. [Listed.]
- 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 208. [Key.]
- 1930 Muir, Treubia 12: 30; Fig. 1. [Described, illustrated.]



- Orchesma* 1933 Schulze, Kükenthal and Heider, Nomenclator animalium 4 (17) :2376. [Listed.]
- Tropidocephala* 1935 Wu, Cat. Ins. Sinensium. 2: 119. [Listed.] Equals *Nephropsia* Costa. [error.]. Equals *Conicoda* Mats. Equals *Ectopiopterygodelphax* Kirk. Equals *Smara* Dist.
- 1935 Haupt, Tierwelt Mitteleuropas 4 (3): 129. [Key.] :131. [Key to species.]
- Smara* 1936 Schulze, Kükenthal and Heider, Nomenclator animalium 5 (22): 3202. [Listed.]
- Conicoda* 1939 Neave, Nomenclator Zoologicus 1: 817. [Listed.]
- Ectopiopterygodelphax* 1939 Neave, Nomenclator Zoologicus 2: 194. [Listed.]
- Orchesma* 1940 Neave, Nomenclator Zoologicus 3: 451. [Listed.]
- Smara* 1940 Neave, Nomenclator Zoologicus 4: 213. [Listed.]
- Tropidocephala* 1940 Neave, Nomenclator Zoologicus 4: 579. [Listed.]

**amboinensis** Muir

- 1913 *Tropidocephala amboinensis* Muir, Proc. Hawaiian Ent. Soc. 2: Amboina<sup>1</sup> 244; Pl. 6, Fig. 12. [n. sp., illustrated.]<sup>1</sup> :245, 246. [Comparative note.]
- 1916 *Tropidocephala amboinensis* Muir, Philippine Jour. Sci. 11: 375. [Comparative note.]
- 1921 *Tropidocephala amboinensis* Muir, Proc. Hawaiian Ent. Soc. 4: 481. [Notes.]

**andropogonis** Horváth

- 1895 *Tropidocephala andropogonis* Horváth, Rev. Ent. 14: 163. [n. sp.]<sup>1</sup> Hungary<sup>1</sup>
- 1897 *Tropidocephala andropogonis* Horváth, Fauna Regni Hungariae :55. [Listed.]<sup>1</sup>
- 1899 *Tropidocephala andropogonis* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :106. [Listed.]<sup>1</sup>
- 1907 *Tropidocephala andropogonis* Matsumura, Ann. Mus. Nat. Hungarici 5: 61; Pl. 1, Figs. 5, 11. [Described, illustrated.]<sup>1</sup> :58. [Key.] :56. [Listed.]<sup>1</sup>
- 1907 *Tropidocephala andropogonis* Oshanin, Verz. Palaeark. Hemip. 2 (2): 300. [Listed.]<sup>1</sup>
- 1908 *Tropidocephala andropogonis* Oshanin, Verz. Palaeark. Hemip. 2 (3): 451. [Listed.]
- 1912 *Tropidocephala andropogonis* Oshanin, Kat. Palaärk. Hemip. :117. [Listed.]<sup>1</sup>
- 1935 *Tropidocephala andropogonis* Haupt, Tierwelt Mitteleuropas 4 (3): 131. [Key.]<sup>1</sup>

**atrata** Distant

- 1906 *Smara atrata* Distant, Fauna British India 3: 479. [n. sp.]<sup>1</sup> Burma<sup>1</sup>
- 1907 *Smara atrata* Matsumura, Ann. Mus. Nat. Hungarici 5: 62. To China<sup>2</sup>  
*Tropidocephala festiva* Dist. [error.] India<sup>3</sup>
- 1907 *Smaris* [sic] *atrata* Matsumura, Ann. Mus. Nat. Hungarici 5: 62. [Note.]<sup>3</sup>
- 1913 *Tropidocephala atrata* Muir, Proc. Hawaiian Ent. Soc. 2: 244; Pl. 6, Figs. 10, 10a. [Notes, illustrated.]<sup>2</sup> :245. [Comparative note.]
- 1921 *Tropidocephala atrata* Muir, Proc. Hawaiian Ent. Soc. 4: 481. [Notes.]
- 1935 *Tropidocephala atrata* Wu, Cat. Ins. Sinensium. 2: 119. [Listed.]<sup>2</sup>

**baguioënsis** Muir

- 1916 *Tropidocephala baguioënsis* Muir, Philippine Jour. Sci. 11: 375. Luzon<sup>1</sup>  
[n. sp.]<sup>1</sup> :375, 376. [Comparative note.]
- 1921 *Tropidocephala baguioënsis* Muir, Proc. Hawaiian Ent. Soc. 4: 481. [Notes.]

**bironis** Matsumura

- 1907 *Tropidocephala bironis* Matsumura, Ann. Mus. Nat. Hungarici New Guinea<sup>1</sup>  
5: 61; Pl. 1, Figs. 4, 10. [Illustrated, n. sp.]<sup>1</sup> :58. [Key.]

*Tropidocephala***breviceps** Matsumura

- 1907 *Tropidocephala breviceps* Matsumura, Ann. Mus. Nat. Hungarici China<sup>1</sup>  
5: 58; Pl. 1, Figs. 1, 7. [n. sp., illustrated.]<sup>1</sup> :57. [Key.]
- 1910 *Tropidocephala breviceps* Matsumura, Schädlichen und nützlichen Ins. Formosas  
1910: 16. [Comparative note.]
- 1911 *Tropidocephala breviceps* Matsumura, Mém. Soc. Ent. Belgique 18: 135. [Comparative note.]
- 1935 *Tropidocephala breviceps* Wu, Cat. Ins. Sinensium. 2: 119. [Listed.]<sup>1</sup>  
*brunneiennis*. Typographical error for *Tropidocephala brunniennis* Signoret.

**brunniennis** Signoret

- 1860 *Tropidocephala brunniennis* Signoret, Ann. Soc. Ent. France (3) Madagascar<sup>1</sup>  
(3) 8: 185; Pl. 5, Figs. 2, 2a, 2b. [n. sp., illustrated.]<sup>4</sup> Natal<sup>2</sup>
- 1866 *Tropidocephala brunniennis* Stål, Hemip. Africana 4: 178. [Described.]<sup>2,3,4</sup> Cape Province<sup>3</sup>  
Moyotta Island<sup>2</sup>
- 1900 *Conicoda graminea* Matsumura, Ent. Nachr. 26: 259. [n. sp.]<sup>5</sup> Japan<sup>5</sup>
- 1902 *Tropidocephala maritima* [sic] Melichar, Ann. Mus. Zool. St. Queensland  
Petersburg 7: 90 (15). [Comparative note.]<sup>5</sup> Equals *Conicoda* Australia<sup>7</sup>  
*maritima* [sic] Mats. New Guinea<sup>8</sup>
- 1906 *Ectopiopterygodelphax eximius* Kirkaldy, Bull. Hawaiian Sugar Formosa<sup>9</sup>  
Pl. Assoc. 1 (9): 412. [n. sp.] :313. [Listed.]<sup>7</sup> Malay
- 1907 *Tropidocephala eximius* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Peninsula<sup>10</sup>  
3: 142; Pl. 12, Figs. 5, 7; Pl. 17, Figs. 15, 16. [Described, illustrated, key.]<sup>6</sup> Egypt<sup>11</sup>  
Ethiopian
- 1907 *Tropidocephala brunniennis* Matsumura, Ann. Mus. Nat. Hungarici 5: 59; Pl. 1, Figs. 3, 9. [Described, illustrated.]<sup>1,2,3,5,6,8,9,10,11</sup> Region<sup>12</sup>  
Oriental Region<sup>13</sup>  
Equals *Conicoda graminea* Mats. Equals *Ectopiopterygodelphax eximius* Kirk. :58. [Key.] :62. [Comparative note.] Australian
- 1907 *Tropidocephala (Conicoda) graminea* Oshanin, Verz. Palaeark. Region<sup>14</sup>  
Hemip. 2 (2): 300. [Listed.]<sup>9</sup> Equals *Conicoda graminea* Mats. Amboyna
- 1907 *Tropidocephala maritima* [sic] Matsumura, Ann. Mus. Nat. Hungarici 5: 65. [Comparative note.] Malaysia<sup>15</sup>  
Java<sup>16</sup>
- 1908 *Tropidocephala brunniennis* Oshanin, Verz. Palaeark. Hemip. 2 Africa<sup>17</sup>  
(3): 451. [Listed.]<sup>1,3,5,6,8,9,10,11</sup> Equals *Conicoda graminea* Mats. China<sup>18</sup>  
Equals *Ectopiopterygodelphax eximius* Kirk. Equals *Tropidocephala graminea* Mats. Sumatra<sup>19</sup>  
Europe<sup>20</sup>
- 1910 *Tropidocephala brunneiennis* [sic] Shiraki, [Injurious Insects of India<sup>21</sup>  
Formosa] 1: 62; Pl. 41, Figs. 6, 6a. [Economics, illustrated.]<sup>9</sup> Malay
- 1910 *Tropidocephala brunniennis* Matsumura, Zeits. Wiss. Insektenbiol. 6: 103. [Listed.]<sup>9</sup> Archipelago<sup>22</sup>  
Eastern Asia<sup>23</sup>
- 1910 *Tropidocephala brunniennis* Matsumura, Schädlichen und nützlichen Ins. Formosas :15. [Listed.]<sup>6,8,9,10,16,17,18,19,20,21</sup> Nigeria<sup>24</sup>  
South Africa<sup>25</sup>
- 1912 *Tropidocephala brunniennis* Oshanin, Kat. Paläark. Hemip. Borneo<sup>26</sup>  
:117. [Listed.]<sup>5,11,12,13,14</sup> Equals *Tropidocephala graminea* Mats. North Africa<sup>27</sup>  
Equals *Tropidocephala eximia* Kirk. Philippine
- 1913 *Tropidocephala brunniennis* Muir, Proc. Hawaiian Ent. Soc. 2: Islands<sup>1</sup>  
246. [Notes.]<sup>15,16</sup> Equals *Tropidocephala eximus* [sic] Kirk. :244. [Comparative note.]
- 1914 *Tropidocephala brunniennis* Distant, Bull. Ent. Res. 5: 242. [Listed.]<sup>1,3,5,6,8,9,10,11</sup>
- 1914 *Tropidocephala philippina* Melichar, Philippine Jour. Sci. 9: 273. [n. sp.]<sup>28</sup>
- 1915 *Tropidocephala brunniennis* Muir, Canadian Ent. 47: 262. Equals *Conicoda graminea* [sic] Matsumura.
- 1915 *Tropidocephala brunniennis* Schumacher, Mitt. Zool. Mus. Berlin. 8: 133. [Listed.]<sup>1,5,6,8,9,10,11,25</sup> Equals *Conicoda graminea* Mats. Equals *Ectopiopterygodelphax eximius* Kirk.

- 1916 *Tropidocephala philippina* Muir, Philippine Jour. Sci. **11**: 374. [Notes.]<sup>1</sup>  
 1916 *Tropidocephala brunni-pennis* Distant, Fauna British India **6**: 143. [Listed.]  
 1916 *Tropidocephala brunni-pennis* Muir, Philippine Jour. Sci. **11**: 374. [Comparative note.]<sup>5,7,9,17,22,23</sup> Equals *Tropidocephala exima* [sic] Kirk.  
 1917 *Tropidocephala brunni-pennis* Jacobi, Reise in Ostafrika **3**: 531. [Notes distinct species.]<sup>1</sup> Equals *Conicoda graminea* Mats.  
 1917 *Tropidocephala brunnei-pennis* [sic] Pierce, Man. Dangerous Ins. **1917**: 206. [Listed.]<sup>9,13</sup>  
 1917 *Tropidocephala graminea* Matsumura, Trans. Sapporo Nat. Hist. Soc. **6**: 531. [Distinct species.]  
 1920 *Tropidocephalus brunni-pennis* Muir, Bull. Ent. Res. **10**: 139. [Notes.]<sup>24</sup> Equals *Tropidocephal eximius* Kirk.  
 1921 *Tropidocephala brunni-pennis* Muir, Proc. Hawaiian Ent. Soc. **4**: 481. [Notes.]  
 1928 *Tropidocephala brunni-pennis* Jacobi, Mjöberg's Exp. Australia :45. [Notes.]<sup>6</sup>  
 1929 *Tropidocephala brunni-pennis* Muir, Ann. Mag. Nat. Hist. (10) **4**: 190. [Listed.]<sup>7,17,22,23</sup> Equals *Conicoda graminea* Mats. Equals *Ectopiopterygodelphax eximus* [sic] Kirk. Equals *Tropidocephala philippina* Mel.  
 1930 *Tropidocephala brunni-pennis* Muir, Treubia **12**: 30. [Listed.]  
 1931 *Tropidocephalus brunnei-pennis* [sic] Matsumura, 6000 Ill. Ins. Japan Empire :1274 [Described, illustrated.]<sup>5</sup>  
 1932 *Tropidocephala (Conicoda) brunnei-pennis* [sic] Matsumura, Consp. Japanese inj. ins. **1932**: 228; Pl. [16], Fig. 9. [Economics, illustrated.]<sup>5</sup>  
 1932 *Tropidocephala brunnei-pennis* [sic] Esaki, Short Course Lectures, Leafhoppers :7. [Listed.]<sup>5</sup>  
 1932 *Tropidocephala brunnei-pennis* [sic] Esaki, Iconographia Insectorum Japonicorum :1781. [Described, illustrated.]<sup>5</sup>  
 1933 *Tropidocephala brunnei-pennis* [sic] Kato, Ill. Ins. Japan **4**: Pl. 15, Fig. 7. [Illustrated.]<sup>5</sup>  
 1935 *Tropidocephala brunni-pennis* Cheo, Peking Nat. Hist. Bull. **10**: 108. [Food plants.]<sup>5,9,10,11,16,18,20,21,26,27</sup>  
 1935 *Tropidocephala brunni-pennis* Wu, Cat. Ins. Sinensium. **2**: 119. [Listed.]<sup>5,6,8,9,10,11,17,18</sup> Equals *Conicoda graminea* Mats. Equals *Ectopiopterygodelphax eximius* Kirk.

**butleri** Muir

- 1921 *Tropidocephala butleri* Muir, Proc. Hawaiian Ent. Soc. **4**: 481. South India<sup>1</sup> [n. sp., notes.]<sup>1</sup> :482. [Comparative note.]

**dryas** Kirkaldy

- 1907 *Tropidocephala dryas* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Queensland<sup>1</sup> **3**: 143; Pl. 12, Figs. 1-4; Pl. 17, Figs. 4, 5. [n. sp., illustrated.]<sup>1</sup> :142 [Key.] :13. [Listed.]  
 1913 *Tropidocephala dryas* Muir, Proc. Hawaiian Ent. Soc. **2**: 245. [Comparative note.]  
 1916 *Tropidocephala dryas* Muir, Philippine Jour. Sci. **11**: 374. [Comparative note.]  
 1919 *Tropidocephala dryas* Muir, Philippine Jour. Sci. **15**: 522. [Comparative note.]  
 1921 *Tropidocephala dryas* Muir, Proc. Hawaiian Ent. Soc. **4**: 481. [Notes.]

*elegans* Costa. See *Nephropsia tuberipennis* Mulsant and Rey.

*exima*. Typographical error for *Tropidocephala eximia* Kirkaldy. See *Tropidocephala brunni-pennis* Signoret.

*eximia* Kirkaldy. See *Tropidocephala brunni-pennis* Signoret.

*eximus*. Typographical error for *Tropidocephala eximia* Kirkaldy. See *Tropidocephala brunni-pennis* Signoret.

**festiva** Distant

- 1906 *Smara festiva* Distant, Fauna British India **3**: 478; Fig. 264. Ceylon<sup>1</sup> Japan<sup>2</sup> [n. sp., illustrated.]<sup>1</sup> :479. [Comparative note.]

*Tropidocephala*

- 1907 *Tropidocephala festiva* Matsumura, Ann. Mus. Nat. Hungarici 5: 62; Pl. 1, Figs. 6, 12. [Described, illustrated.]<sup>1,2,3,4,5</sup> Equals *Smara atrata* Dist. (?) [error.] China<sup>3</sup> Malay Peninsula<sup>4</sup>
- 1908 *Tropidocephala festiva* Oshanin, Verz. Palaeark. Hemip. 2 (3): 451. [Listed.]<sup>1,2,3,4,5</sup> Equals *Smara festiva* Dist. Formosa<sup>5</sup> Oriental Region<sup>6</sup>
- 1912 *Tropidocephala festiva* Oshanin, Kat. Paläark. Hemip. :117. [Listed.]<sup>2,6</sup> Borneo<sup>7</sup> Java<sup>8</sup>
- 1913 *Tropidocephala festiva* Muir, Proc. Hawaiian Ent. Soc. 2: 244; Pl. 6, Figs. 9, 9a [Notes, illustrated.]<sup>7,8</sup> Philippine Islands<sup>9</sup>
- 1915 *Tropidocephala festiva* Schumacher, Mitt. Zool. Mus. Berlin 8: 133. [Listed.]<sup>1,2,3,4,5</sup> Equals *Smara festiva* Dist.
- 1915 *Tropidocephala festiva* Schumacher, Suppl. Ent. 4: 142. [Listed.]<sup>6</sup>
- 1916 *Tropidocephala festiva* Distant, Fauna British India 6: 143. [Notes.]
- 1916 *Tropidocephala festiva* Muir, Philippine Jour. Sci. 11: 373. [Notes.]<sup>7,8,9</sup> Equals *Samara* [sic] *festiva* Dist.
- 1921 *Tropidocephala festiva* Muir, Proc. Hawaiian Ent. Soc. 4: 481. [Notes.]
- 1935 *Tropidocephala festiva* Wu, Cat. Ins. Sinensium. 2: 119. [Listed.]

*flava* Melichar

- 1914 *Tropidocephala flava* Melichar, Notes Leyden Mus. 36: 109. [n. sp.]<sup>1</sup> Java<sup>1</sup> Philippine Islands<sup>2</sup>
- 1916 *Tropidocephala flava* Muir, Philippine Jour. Sci. 11: 373. [Notes.]<sup>2</sup>

*flaviceps* Stål

- 1855 *Tropidocephala flaviceps* Stål, Öfv. Svenska Vet. Akad. Förh. 12: 93. [n. sp.]<sup>1</sup> Natal<sup>1</sup> Cape Province<sup>2</sup>
- 1859 *Tropidocephala flaviceps* Dohrn, Cat. Hemip. :62. [Listed.]<sup>1</sup> South Africa<sup>3</sup>
- 1866 *Tropidocephala flaviceps* Stål, Hemip. Africana 4: 178. [Described.]<sup>1</sup>
- 1907 *Tropidocephala flaviceps* Matsumura, Ann. Mus. Nat. Hungarici 5: 60. [Described.]<sup>1</sup> :58. [Key.] :56. [Listed.]<sup>3</sup>
- 1916 *Tropidocephala flaviceps* Distant, Fauna British India 6: 143. [Listed.]<sup>2</sup>
- 1921 *Tropidocephala flaviceps* Muir, Proc. Hawaiian Ent. Soc. 4: 481. [Notes.]
- 1926 *Tropidocephala flaviceps* Muir, Ann. Mag. Nat. Hist. (9) 17: 17; Figs. 1, 2. [Notes, illustrated.]<sup>1</sup>
- 1929 *Tropidocephala flaviceps* Muir, Ann. Mag. Nat. Hist. (10) 4: 190. [Listed.]<sup>1,2</sup>

*flavovittata* Matsumura

- 1907 *Tropidocephala flavovittata* Matsumura, Ann. Mus. Nat. Hungarici 5: 62; Pl. 2, Figs. 1, 7. [n. sp., illustrated.] :58. [Key.] Formosa<sup>1</sup>
- 1915 *Tropidocephala flavovittata* Schumacher, Mitt. Zool. Mus. Berlin 8: 133. [Listed.]<sup>1</sup>

*formosana* Matsumura

- 1910 *Tropidocephala formosana* Matsumura, Schädlichen und nützlichen Ins. Formosas :16; Pl. XVI; Figs. 2, 2a-b. [n. sp., illustrated.]<sup>1</sup> Formosa<sup>1</sup> Oriental Region<sup>2</sup> Japan<sup>3</sup>
- 1910 *Tropidocephala formosanus* Matsumura, Zeits. Wiss. Insektenbiol. 6: 103. [Listed.]<sup>1</sup>
- 1911 *Tropidocephala formosana* Matsumura, Mém. Soc. Ent. Belgique 18: 134. [n. sp.]<sup>1</sup>
- 1915 *Tropidocephala formosana* Schumacher, Mitt. Zool. Mus. Berlin 8: 13. [Listed.]<sup>1</sup>
- 1917 *Tropidocephala formosana* Pierce, Man. Dangerous Ins. 1917: 206. [Listed.]<sup>1,2</sup>
- 1921 *Tropidocephala formosana* Muir, Proc. Hawaiian Ent. Soc. 4: 481. [Notes.]
- 1931 *Tropidocephala formosana* Clausen, Cir. United States Dept. Agr. 168: 46. [Listed.]<sup>1</sup>
- 1932 *Tropidocephala formosana* Esaki, Short Course Lectures, Leafhoppers :7. [Listed.]<sup>3</sup>
- 1932 *Tropidocephala (Conicoda) formosana* Matsumura, Consp. Japanese inj. ins. 1932: 229. [Economics.]<sup>3</sup>



1933 *Tropidocephala formosana* Kato, Ill. Ins. Japan **4**: Pl. 15, Fig. 6. [Illustrated.]<sup>3</sup>

### *gracilis* Matsumura

1907 *Tropidocephala gracilis* Matsumura, Ann. Mus. Nat. Hungarici New Guinea<sup>1</sup>  
5: 64; Pl. 2, Figs. 4, 10. [n. sp., illustrated, comparative note.]<sup>1</sup> :58. [Key.]

1913 *Tropidocephala gracilis* Muir, Proc. Hawaiian Ent. Soc. **2**: 244. [Comparative note.]

*graminea* Matsumura. See *Tropidocephala brunniennis* Signoret.

### *hamadryas* Kirkaldy

1907 *Tropidocephala hamadryas* Kirkaldy, Bull. Hawaiian Sugar Pl. Queensland<sup>1</sup>  
Assoc. **3**: 143. [n. sp.]<sup>1</sup> :142. [Key.] :13. [Listed.]

1913 *Tropidocephala hamadryas* Muir, Proc. Hawaiian Ent. Soc. **2**: 244. [Comparative note.]

### *incompta* Muir

1926 *Tropidocephala incompta* Muir, Ann. Mag. Nat. Hist. (9) **17**: 18; Sierra Leone<sup>1</sup>  
Figs. 3, 4. [n. sp., illustrated.]<sup>1</sup>

1929 *Tropidocephala incompta* Muir, Ann. Mag. Nat. Hist. (10) **4**: 191. [Listed.]<sup>1</sup>

### *indica* Muir

1921 *Tropidocephala indica* Muir, Proc. Hawaiian Ent. Soc. **4**: 482. South India<sup>1</sup>  
[n. sp.]<sup>1</sup> :481. [Notes.]

*lateralis* Melichar (var.). See *Tropidocephala prasina* var. *lateralis* Melichar.

### *luteola* Distant

1912 *Tropidocephala luteola* Distant, Ann. Mag. Nat. Hist. (8) **9**: 193. India<sup>1</sup>  
[n. sp.]<sup>1</sup>

1916 *Tropidocephala luteola* Distant, Fauna British India **6**: 143; Fig. 103. [Described, illustrated.]<sup>1</sup>

### *maculosa* Matsumura

1907 *Tropidocephala maculosa* Matsumura, Ann. Mus. Nat. Hungarici Formosa<sup>1</sup>  
5: 63; Pl. 2, Figs. 2, 8. [n. sp., illustrated.]<sup>1</sup> :58. [Key.]

1915 *Tropidocephala maculosa* Schumacher, Mitt. Zool. Mus. Berlin **8**: 133. [Listed.]<sup>1</sup>

### *malayana* Matsumura

1907 *Tropidocephala malayana* Matsumura, Ann. Mus. Nat. Hungarici Malay Peninsula<sup>1</sup>  
5: 64; Pl. 2, Figs. 5, 11. [n. sp., illustrated.]<sup>1</sup> :58. [Key.]

1919 *Tropidocephala malayana* Muir, Philippine Jour. Sci. **15**: 522. Penang<sup>2</sup>  
[Notes.]<sup>1,2</sup>

1921 *Tropidocephala malayana* Muir, Proc. Hawaiian Ent. Soc. **4**: 481. [Notes.]

### *marginepunctata* Melichar

1903 *Orchesma marginepunctata* Melichar, Homop.-Fauna Ceylon :95; Ceylon<sup>1</sup>  
Pl. III, Figs. 3a, b, c. :225. [Listed.] [n. sp., illustrated.]<sup>1</sup>

1906 *Orchesma marginepunctata* Distant, Fauna British India **3**: 477; Fig. 263. [Described, illustrated.]<sup>1</sup>

1921 *Tropidocephala marginepunctata* Muir, Proc. Hawaiian Ent. Soc. **4**: 481. [Notes.]

*maritima*. Typographical error for *Tropidocephala graminea* Matsumura. See *Tropidocephala brunniennis* Signoret.



*Tropidocephala***neoamboinensis** Muir

- 1913 *Tropidocephala neoamboinensis* Muir, Proc. Hawaiian Eng. Soc. Amboyna  
2: 246; Pl. 6, Fig. 11. [n. sp., illustrated.]<sup>1,2</sup> Malaysia<sup>1</sup>  
Queensland<sup>2</sup>
- 1921 *Tropidocephala neoamboinensis* Muir, Proc. Hawaiian Ent. Soc. 4: 481. [Notes.]

**neoelegans** Muir

- 1913 *Tropidocephala neoelegans* Muir, Proc. Hawaiian Ent. Soc. 2: 245; Borneo<sup>1</sup>  
Pl. 6, Fig. 8. [n. sp., illustrated.]<sup>1</sup> :246. [Comparative note.]
- 1921 *Tropidocephala neoelegans* Muir, Proc. Hawaiian Ent. Soc. 4: 481. [Notes.]

**neogracilis** Muir

- 1913 *Tropidocephala neogracilis* Muir, Proc. Hawaiian Ent. Soc. 2: Borneo<sup>1</sup>  
243. [n. sp.]<sup>1</sup>
- 1921 *Tropidocephala neogracilis* Muir, Proc. Hawaiian Ent. Soc. 4: 481. [Notes.]

**nigra** Matsumura

- 1900 *Conicoda nigra* Matsumura, Ent. Nachr. 26: 260. [n. sp.]<sup>1</sup> Japan<sup>1</sup>
- 1907 *Tropidocephala nigra* Matsumura, Ann. Mus. Nat. Hungarici 5:  
63; Pl. 2, Figs. 3, 9. [Described, illustrated.]<sup>1</sup> Equals *Conicoda nigra* Mats.: 58.  
[Key.] :64. [Comparative note.]
- 1907 *Tropidocephala (Conicoda) nigra* Oshanin, Verz. Palaeark. Hemip. 2 (2): 300.  
[Listed.]<sup>1</sup> Equals *Conicoda nigra* Mats.
- 1908 *Tropidocephala nigra* Oshanin, Verz. Palaeark. Hemip. 2 (3): 451. [Listed.]
- 1912 *Tropidocephala nigra* Oshanin, Kat. Paläark. Hemip. :117. [Listed.]<sup>1</sup>
- 1932 *Tropidocephala nigra* Esaki, Iconographia Insectorum Japonicorum: 1782. [De-  
scribed, illustrated.]<sup>1</sup>

**nigrocacuminis** Muir

- 1916 *Tropidocephala nigrocacuminis* Muir, Philippine Jour. Sci. 11: Philippine  
374. [n. sp.]<sup>1</sup> Islands<sup>1</sup>
- 1921 *Tropidocephala nigrocacuminis* Muir, Proc. Hawaiian Ent. Soc. 4:  
481. [Notes.]

*philippina* Melichar. See *Tropidocephala brunnipectus* Signoret.

**prasina** Melichar

- 1902 *Tropidocephala prasina* Melichar, Ann. Mus. Zool. St. Pétersburg Persia<sup>1</sup>  
7: 90 (15). [n. sp.]<sup>1</sup>
- 1907 *Tropidocephala (Conicoda) prasina* Oshanin, Verz. Palaeark. Hemip. 2 (2): 300.  
[Listed.]<sup>1</sup>
- 1907 *Tropidocephala prasina* Matsumura, Ann. Mus. Nat. Hungarici 5: 65; [Described.]<sup>1</sup>  
:58. [Key.] :56. [Listed.]<sup>1</sup>
- 1908 *Tropidocephala prasina* Oshanin, Verz. Palaeark. Hemip. 2 (3) :451. [Listed.]
- 1912 *Tropidocephala prasina* Oshanin, Kat. Paläark. Hemip. :117. [Listed.]<sup>1</sup>

**prasina** var. **lateralis** Melichar

- 1902 *Tropidocephala prasina lateralis* Melichar, Ann. Mus. Zool. St. Persia<sup>1</sup>  
Petersburg 7: 90 (15). [n. var.]<sup>1</sup>
- 1907 *Tropidocephala prasina lateralis* Matsumura, Ann. Mus. Nat. Hungarici 5: 65.  
[Described.]<sup>1</sup>
- 1907 *Tropidocephala (Conicoda) prasina lateralis* Oshanin, Verz. Palaeark. Hemip. 2 (2):  
300 [Listed.]<sup>1</sup>
- 1912 *Tropidocephala prasina lateralis* Oshanin, Kat. Paläark. Hemip. :117. [Listed.]

**pseudobaguioensis** Muir

- 1916 *Tropidocephala pseudobaguioensis* Muir, Philippine Jour. Sci. 11 : 375. [n. sp.]<sup>1</sup> Mindanao<sup>1</sup>  
(Philippine Islands)
- 1921 *Tropidocephala pseudobaguioensis* Muir, Proc. Hawaiian Ent. Soc. 4: 481. [Notes.]

**saccharicola** Muir

- 1913 *Tropidocephala saccharicola* Muir, Proc. Hawaiian Ent. Soc. 2: 245; Pl. 6, Figs. 7, 7a. [n. sp., illustrated.]<sup>1</sup> Borneo<sup>1</sup>
- 1916 *Tropidocephala saccharicola* Muir, Philippine Jour. Sci. 11: 373. [Comparative note].
- 1921 *Tropidocephala saccharicola* Muir, Proc. Hawaiian Ent. Soc. 4: 481. [Notes.] :482. [Comparative note.]

**saccharivorella** Matsumura

- 1907 *Tropidocephala saccharivorella* Matsumura, Ann. Mus. Zool. Nat. Hungarici 5: 65; Pl. 2, Figs. 6, 12. [n. sp., illustrated.]<sup>1</sup> :58. [Key.] Formosa<sup>1</sup>  
China<sup>2</sup>
- 1910 *Tropidocephala saccharivorella* Matsumura, Zeits. Wiss. Insektenbiol. 6: 103. [Listed.]<sup>1</sup> Philippine Islands<sup>3</sup>
- 1910 *Tropidocephala saccharivorella* Matsumura, Schädlichen und nützlichen Ins. Formosas :16; Pl. XVI; Figs. 1a-b. [Listed, illustrated.]<sup>1</sup> Oriental Region<sup>5</sup>  
Japan<sup>5</sup>
- 1913 *Tropidocephala saccharivorella* Muir, Proc. Hawaiian Ent. Soc. 2: 244. [Listed.]<sup>2</sup>
- 1915 *Tropidocephala saccharivorella* Schumacher, Mitt. Zool. Mus. Berlin 8: 133. [Listed.]<sup>1</sup>
- 1916 *Tropidocephala saccharivorella* Muir, Philippine Jour. Sci. 11: 374. [Notes.]<sup>1,2,3</sup>
- 1917 *Tropidocephala saccharivorella* Pierce, Man. Dangerous Ins. 1917: 206. [Listed.]<sup>1,4</sup>
- 1917 *Tropidocephala saccharivorella* Copeland, Philippine Agr. and For. 5: 344. [Listed.]<sup>1,3</sup>
- 1921 *Tropidocephala saccharivorella* Muir, Proc. Hawaiian Ent. Soc. 4: 481. [Notes.]
- 1928 *Tropidocephala saccharivorella* Uichanco, Ann. Conv. Philippine Sugar Assoc. 6: 71 (7). [Listed.]<sup>3</sup>
- 1931 *Tropidocephala saccharivorella* Clausen, Cir. United States Dept. Agr. 168: 46. [Listed.]<sup>1</sup>
- 1932 *Tropidocephala (Conicoda) saccharivorella* Matsumura, Consp. Japanese inj. ins. 1932: 229. [Economics.]<sup>5</sup>
- 1934 *Tropidocephala saccharivorella* Pemberton, Proc. Assoc. Hawaiian Sugar Tech. 1934: 9. [Economics.]<sup>1,2</sup>
- 1935 *Tropidocephala saccharivorella* Wu, Cat. Ins. Sinensium. 2: 120. [Listed.]<sup>2</sup>

**sagitta** Kusnezov

- 1929 *Tropidocephala sagitta* Kusnezov, Zool. Anz. 79: 329. [n. sp.]<sup>1</sup> Turkestan<sup>1</sup>

**serendiba** Melichar

- 1903 *Orchesma serendiba* Melichar, Homop.-Fauna Ceylon: 95; Pl. II, Fig. 5. [n. sp., illustrated.]<sup>1</sup> :225. [Listed] Ceylon<sup>1</sup>
- 1906 *Orchesma serendiba* Distant, Fauna British India 3: 477. [Described.]<sup>1</sup>

**signata** Distant

- 1912 *Orchesma signata* Distant, Ann. Mag. Nat. Hist. (8) 9: 192. [n. s.]<sup>1</sup> Ceylon<sup>1</sup>  
South India<sup>2</sup>
- 1916 *Orchesma signata* Distant, Fauna British India 6: 142; Fig. 102. [Described, illustrated.]<sup>1,2</sup>
- 1921 *Tropidocephala signata* Muir, Proc. Hawaiian Ent. Soc. 4: 480. [Notes.]<sup>2</sup> Equals *Orchesma signata* Dist. :481. [Note.]

*Tropidocephala*—*Terauchiana*—*Nephropsia***speciosa** Bierman

1908 *Orchesma speciosa* Bierman, Notes Leyden Mus. 29: 162; Pl. 4, Java<sup>1</sup>  
Figs. 9a-c. [n. sp., illustrated.]<sup>1</sup>

1914 *Tropidocephala speciosa* Melichar, Notes Leyden Mus. 36: 109. [Listed, comparative note.]<sup>1</sup>

*tuberipennis* Mulsant and Rey. See *Nephropsia tuberipennis* Mulsant and Rey.

**viridula** Bierman

1908 *Orchesma viridula* Bierman, Notes Leyden Mus. 29: 161; Pl. 4, Java<sup>1</sup>  
Fig. 8 [n. sp., illustrated.]<sup>1</sup>

1914 *Tropidocephala viridula* Melichar, Notes Leyden Mus. 36: 109. [Listed.]<sup>1</sup>

*turanica* Oshanin [nom. nud.]

1891 *Tropidocephala turanica* Oshanin, Mém. Sect. caucasienne Soc. Russie<sup>1</sup>  
russe Geogr. 23 (1): 48. [Listed.]<sup>1</sup> [nom. nud.]

Genus **TERAUCHIANA** Matsumura

Haplotype *Terauchiana singularis* [n. sp.] 1915 Matsumura, Trans.  
Sapporo Nat. Hist. Soc. 5: 178.

*Terauchiana* 1915 Matsumura, Trans. Sapporo Nat. Hist. Soc. 5: 178. [gen. n.] :158. 184.  
[Listed.]

1940 Neave, Nomenclator Zoologicus 4: 426. [Listed.]

**nigripennis** Kato

1933 *Terauchiana nigripennis* Kato, Ent. World 1: 470; Pl. 14, Fig. 12. Japan<sup>1</sup>  
[n. sp., illustrated.]<sup>1</sup>

1933 *Terauchiana nigripennis* Kato, Three Colour Ill. Ins. Japan 4: Pl. 15, Fig. 4.  
[Illustrated.]<sup>1</sup>

**singularis** Matsumura

1915 *Terauchiana singularis* Matsumura, Trans. Sapporo Nat. Hist. Korea<sup>1</sup>  
Soc. 5: 177; Pl. I, Figs. 1, 1a. [n. sp., illustrated.]<sup>1</sup> :158, 184. Japan<sup>2</sup>  
[Listed.]

1931 *Terauchiana singularis* Matsumura, 6000 Ill. Ins. Japan Empire. 1931: [1273]; 1 Fig.  
[Described, illustrated.]<sup>2</sup>

1933 *Terauchiana singularis* Kato, Three Colour Ill. Ins. Japan 3: Pl. 15, Fig. 3. [Illus-  
trated.]<sup>2</sup>

1933 [*Terauchiana*] *sirgnularis* [sic] Kato, Ent. World 1: 471. [Comparative note.]

*sirgnularis*. Typographical error for *Terauchiana singularis* Matsumura.

Genus **NEPHROPSIA** Costa

Haplotype *Fulgora elegans* 1862 Costa, Ann. Mus. Zool. Napoli 1: 76.

Type [*Nephropsia*] *elegans* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl.  
Assoc. 3: 141.

Type *Nephropsia elegans* 1915 Muir, Canadian Ent. 47: 265.

*Nephropsia* 1862 Costa, Ann. Mus. Zool. Napoli 1: 76. [Gen. n.] :99. [Note.]

1865 Fieber, Verh. Zool. Bot. Ges. Wien 15: 44. [Listed.]

1866 Fieber, Verh. Zool. Bot. Ges. Wien 16: 518. [Key, note.] :532.  
[Listed.]

- 1866 Stål, Hemip. Africana 4: 178. To *Tropidocephala* Stål [error.]  
 1867 Dallas, Zool. Rec. 3: 560. [Key.] :559. To *Tropidocephala* Stål [error.]  
 1872 Fieber, Kat. Europäischen Cicad. :5. To *Tropidocephala* Stål [error.]  
 1873 Marschall, Nomenclator Zoologicus 1873: 373. [Listed.]  
 1878 Fieber, Cicad. d'Europe Pt. 3: 275 (6). To *Tropidocephala* Stål [error.]  
 1882 Scudder, Nomenclator Zoologicus Univ. Index: 209. [Listed.]  
 1883 Berg, An. Soc. Cient. Argentina 16: 234. To *Tropidocephala* Stål. [error.]  
 1884 Berg, Addenda et Emendanda ad Hemiptera Argentina 1884: 140. To *Tropidocephala* Stål [error.]  
 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 127, 141. To *Tropidocephala* Stål [error.]  
 1907 Matsumura, Ann. Mus. Nat. Hungarici 5: 57. To *Tropidocephala* Stål [error.]  
 1907 Oshanin, Verz. Palaeark. Hemip. 2 (2): 299. To *Tropidocephala* Stål [error.]  
 1912 Oshanin, Kat. Paläark. Hemip. :117. To *Tropidocephala* Stål [error.]  
*Nephropsis* [sic] 1915 Muir, Canadian Ent. 47: 267. To *Tropidocephala* Stål [error.]  
*Nephropsia* 1916 Distant, Fauna British India 6: 142. To *Tropidocephala* Stål [error.]  
 1921 Muir, Proc. Hawaiian Ent. Soc. 4: 480. To *Tropidocephala* Stål [error.]  
 1926 Muir, Ann. Mag. Nat. Hist. (9) 17: 17. [Notes.]  
 1932 Schulze, Kükenthal and Heider, Nomenclator animalium 4 (16): 2239. [Listed.]  
*Nephropsia* 1935 Wu, Cat. Ins. Sinensium. 2: 119. To *Tropidocephala* Stål. [Error.]  
 1940 Neave, Nomenclator Zoologicus 3: 316. [Listed.]

*elegans* Costa. See *Nephropsia tuberipennis* Mulsant and Rey.

### **tuberipennis** Mulsant and Rey

- 1834 *Fulgura* [sic] *elegans* Costa, Cenni Zool. :82. [n. sp.]<sup>2</sup> France<sup>1</sup>  
 1853 *Delphax elegans* Signoret, Bull. Soc. Ent. France (3) 1: xxxiii. Italy<sup>2</sup>  
 [Listed.]<sup>1</sup> Algeria<sup>3</sup>  
 1855 *Delphax tuberipennis* Mulsant and Rey, Ann. Soc. Linn. Lyon (2) Tunisia<sup>4</sup>  
 2: 199. [n. sp.]<sup>1</sup> Yugoslavia<sup>5</sup>  
 1855 *Delphax tuberipennis* Mulsant and Rey, Opusc. Ent. 6: 99. [Described.]<sup>1</sup> West Mediter-  
 ranean  
 1857 *Fulgura elegans* Costa, Fauna Regno Napoli :2. [Described.]<sup>2</sup> sub-region<sup>6</sup>  
 1862 *Nephropsia elegans* Costa, Ann. Mus. Zool. Napoli 1: 77; Pl. 2, Albania<sup>7</sup>  
 Figs. 12-15. [Described, illustrated.]<sup>2</sup> Equals *Fulgura elegans* Spain<sup>8</sup>  
 Costa. :59. [Notes.] Sardinia<sup>9</sup>  
 1866 *Nephropsia elegans* Fieber, Verh. Zool. Bot. Ges. Wien 16: 518, Egypt<sup>10</sup>  
 532; Pl. 8, Fig. 1. [Listed, illustrated.] Equals *Delphax tuberi-* South Europe<sup>11</sup>  
*pennis* Muls. Equals *Fulgura elegans* Costa. North Africa<sup>12</sup>  
 1872 *Tropidocephala elegans* Fieber, Kat. Europäischen Cicad. :5  
 [Listed.]<sup>1,2</sup> Equals *Tropidocephala tuberipennis* Muls. and Rey.  
 1875 *Tropidocephala elegans* Puton, Cat. Hémip. d'Europe 2 Ed. :117. [Listed.]<sup>1,2,3</sup> Equals  
*Tropidocephala tuberipennis* Muls. and Rey.  
 1876 *Tropidocephala elegans* Lethierry and Puton, Ann. Soc. Ent. France (5) 6: 19.  
 [Listed.]<sup>3</sup>  
 1878 *Tropidocephala elegans* Fieber, Cicad. d'Europe Pt. 3: 276 (7). [Described.]<sup>1,2</sup> Equals  
*Fulgura elegans* Costa. Equals *Nephropsia elegans* Costa. Equals *Delphax tuberipennis*  
 Muls.



*Nephropsia*—*Sogatopsis*

- 1886 *Tropidocephala elegans* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :72. [Listed.]<sup>1,2,3</sup> Equals *Tropidocephala tuberipennis* Muls. and Rey.
- 1888 *Tropidocephala elegans* Costa, Atti. Acc. Sci. Napoli (2) 1 (9): 39. [Listed.]<sup>9</sup>
- 1895 *Tropidocephala elegans* Horváth, Rev. Ent. 14: 164. [Comparative note.]
- 1899 *Tropidocephala elegans* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :106. [Listed.]<sup>1,2,3</sup> Equals *Tropidocephala tuberipennis* Muls. and Rey.
- 1907 *Tropidocephala elegans* Matsumura, Ann. Mus. Nat. Hungarici 5: 59; Pl. 1, Figs. 2, 8. [Illustrated, described.]<sup>1,2,3,4,5</sup> Equals *Nephropsia elegans* Costa. Equals *Delphax tuberipennis* Muls. and Rey. Equals *Fulgora elegans* Costa. :58. [Key.] :56. [Listed.]<sup>2</sup>
- 1907 *Tropidocephala elegans* Oshanin, Verz. Palaeark. Hemip. 2 (2) :299. [Listed.]<sup>1,2,3</sup> Equals *Fulgora elegans* Costa. Equals *Delphax tuberipennis* Muls. and Rey. Equals *Nephropsia elegans* Costa.
- 1908 *Tropidocephala elegans* Oshanin, Verz. Palaeark. Hemip. 2 (3): 450. [Listed.]<sup>4</sup> Equals *Fulgura* [sic] *elegans* Costa.
- 1911 *Tropidocephala elegans* Horváth, Bull. Soc. Ent. Egypt 3: 117. [Listed.]<sup>10</sup>
- 1912 *Tropidocephala elegans* Oshanin, Kat. Paläark. Hemip. :117. [Listed.]<sup>6</sup> Equals *Tropidocephala tuberipennis* Muls. and Rey.
- 1913 *Tropidocephala elegans* Muir, Proc. Hawaiian Ent. Soc. 2: 245. [Comparative note.]
- 1916 *Tropidocephala elegans* Horváth, Ann. Mus. Nat. Hungarici 14: 15. [Listed.]<sup>7</sup>
- 1920 *Tropidocephala elegans* Codina, Bol. Soc. Ent. España 1: 104 (5) [Listed.]<sup>8</sup>
- 1921 *Tropidocephala elegans* Muir, Proc. Hawaiian Ent. Soc. 4: 481. [Notes.]
- 1926 *Cicada elegans* Sherborn, Index Animalium 9: 2095. [Listed.]
- 1926 *Fulgora elegans* Sherborn, Index Animalium 9: 2099. [Listed.]
- 1929 *Tropidocephala elegans* Muir, Ann. Mag. Nat. Hist. (10) 4: 190. [Listed.]<sup>11,12</sup> Equals *Fulgora elegans* Costa. Equals *Delphax tuberipennis* Muls. and Rey. Equals *Nephropsia elegans* Costa.

*xiphias* Scott [nom. nud.] See *Idiosemus xiphias* Berg.

Genus *SOGATOPSIS* Muir

Orthotype *Sogatopsis pratti* [n. sp.] 1913 Muir, Proc. Hawaiian Ent. Soc. 2: 247.

Type *Sogatopsis pratti* 1915 Muir, Canadian Ent. 47: 267.

[*Bambusaria* Melichar]

[Orthotype *Bambusaria picta* [n. sp.] 1914 Melichar, Philippine Jour. Sci. 9: 274.]

[Type *Bambusaria picta* 1915 Muir, Canadian Ent. 47: 261.]

- |                   |                                                                                   |
|-------------------|-----------------------------------------------------------------------------------|
| <i>Sogatopsis</i> | 1913 Muir, Proc. Hawaiian Ent. Soc. 2: 247. [gen. n.]                             |
| <i>Bambusaria</i> | 1914 Melichar, Philippine Jour. Sci. 9: 274. [gen. n.]                            |
| <i>Sogatopsis</i> | 1915 Muir, Canadian Ent. 47: 212, 267. [Listed.] :270. [Key.]                     |
| <i>Bambusaria</i> | 1915 Muir, Canadian Ent. 47: 261. [Listed.]                                       |
| <i>Sogatopsis</i> | 1916 Muir, Philippine Jour. Sci. 11: 372. [Comparative note.]                     |
|                   | 1919 Muir, Philippine Jour. Sci. 15: 523. [Listed.]                               |
|                   | 1919 Muir, Canadian Ent. 51: 35. [Comparative note.]                              |
|                   | 1921 Muir, Proc. Hawaiian Ent. Soc. 4: 483. [Comparative note.]                   |
| <i>Bambusaria</i> | 1926 Schulze, Kükenthal and Heider, Nomenclator animalium 1 (3): 368. [Listed.]   |
| <i>Sogatopsis</i> | 1936 Schulze, Kükenthal and Heider, Nomenclator animalium 5 (22): 3206. [Listed.] |
| <i>Bambusaria</i> | 1939 Neave, Nomenclator Zoologicus 1: 390. [Listed.]                              |
| <i>Sogatopsis</i> | 1940 Neave, Nomenclator Zoologicus 4: 216. [Listed.]                              |



**pratti** Muir

- 1913 *Sogatopsis pratti* Muir, Proc. Hawaiian Ent. Soc. 2: 247. [n. sp.]<sup>1</sup> Amboyna  
 1914 *Bambusaria picta* Melichar, Philippine Jour. Sci. 9: 274; Pl. 1, Malaysia<sup>1</sup>  
 Figs. 6, 6a, 6b. [n. sp., illustrated.]<sup>2</sup> Philippine  
 1915 *Sogatopsis pratti* Muir, Canadian Ent. 47: 267. Equals *Bam-* Islands<sup>2</sup>  
*buseria picta*. Mel. Borneo<sup>3</sup>  
 1915 *Bambusaria picta* Muir, Canadian Ent. 47: 261. To *Sogatopsis*  
*pratti* Muir.  
 1917 *Sogatopsis pratti* Muir, Proc. Hawaiian Ent. Soc. 3: 316. [Notes.]  
 1919 *Sogatopsis pratti* Muir, Philippine Jour. Sci. 15: 523. [Listed.]<sup>3</sup>

Genus **MACROCORUPHA** Muir

Haplotype *Macrocorupha gynerii* [n. sp.] 1926 Muir, Bull. Hawaiian Sugar  
 Pl. Assoc. 18: 8.

- Macrocorupha 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 8. [gen. n.]  
 1930 Muir, Ent. Tidskr. 51: 210, 211. [Comparative note.]  
 1940 Neave, Nomenclator Zoologicus 3: 11. [Listed.]

**gynerii** Muir

- 1926 *Macrocorupha gynerii* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: Ecuador<sup>1</sup>  
 8; Pl. 1, Fig. 7. [n. sp., illustrated.]<sup>1</sup>

Genus **BELOCERA** Muir

Orthotype *Belocera sinensis* [n. sp.] 1913 Muir, Proc. Hawaiian Ent.  
 Soc. 2: 239.

Type *Belocera sinensis* 1915 Muir, Canadian Ent. 47: 261.

- Belocera 1913 Muir, Proc. Hawaiian Ent. Soc. 2: 239. [gen. n.]  
 1915 Muir, Canadian Ent. 47: 296. [Key.] :212, 261. [Listed.]  
 1919 Muir, Canadian Ent. 51: 7. [Comparative note.]  
 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 7. [Listed.] :17. [Comparative  
 note.]  
 1926 Schulze, Kükenthal and Heider, Nomenclator animalium 1 (3): 390.  
 [Listed.]  
 1935 Wu, Cat. Ins. Sinensium. 2: 120. [Listed.]  
 1939 Neave, Nomenclator Zoologicus 1: 414. [Listed.]

**sinensis** Muir

- 1913 *Belocera sinensis* Muir, Proc. Hawaiian Ent. Soc. 2: 240; Pl. 6, China<sup>1</sup>  
 Figs. 4, 4a. [n. sp., illustrated.]<sup>1</sup>  
 1935 *Belocera sinensis* Wu, Cat. Ins. Sinensium. 2: 120. [Listed.]<sup>1</sup>

Genus **MALAXA** Melichar

Orthotype *Malaxa acutipennis* [n. sp.] 1914 Melichar, Philippine Jour.  
 Sci. 9: 275.

- Malaxa 1914 Melichar, Philippine Jour. Sci. 9: 275. [gen. n.]  
 1915 Muir, Canadian Ent. 47: 212, 265. [Listed.] :268. [Key.]  
 1916 Muir, Philippine Jour. Sci. 11: 372. [Notes.]  
 1918 Muir, Proc. Hawaiian Ent. Soc. 3: 427. [Comparative note.]  
 1919 Muir, Philippine Jour. Sci. 15: 523. [Listed.]

*Malaxa*—*Arcofacies*

- 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 7. [Listed.] :9. [Comparative note.]  
 1926 Muir, Jour. Malayan Branch Roy. Asiatic Soc. **4**: 398. [Listed.]  
 1931 Schulze, Kükenthal and Heider, Nomenclator animalium **3** (15): 1959. [Listed.]  
 1940 Neave, Nomenclator Zoologicus **3**: 32. [Listed.]

**acutipennis** Melichar

- 1914 *Malaxa acutipennis* Melichar, Philippine Jour. Sci. **9**: 275; Pl. 1, Philippine Islands<sup>1</sup>  
 Fig. 7. [n. sp., illustrated.]<sup>1,2</sup>  
 1916 *Malaxa acutipennis* Muir, Philippine Jour. Sci. **11**: 372. [Notes.]<sup>1</sup> Luzon<sup>2</sup>

**bakeri** Muir

- 1919 *Malaxa bakeri* Muir, Philippine Jour. Sci. **15**: 523; Pl. 1, Fig. 3. Luzon<sup>1</sup>  
 [n. sp., illustrated.]<sup>1,2,3</sup> Malay Peninsula<sup>2</sup>  
 Penang<sup>3</sup>

**bispinata** Muir

- 1926 *Malaxa bispinata* Muir, Jour. Malayan Branch Roy. Asiatic Soc. Mentawai Islands<sup>1</sup>  
**4**: 398; Figs. 7, 8. [n. sp., illustrated.]<sup>1</sup> (East Indies)<sup>1</sup>

**javanensis** Muir

- 1919 *Malaxa javanensis* Muir, Philippine Jour. Sci. **15**: 524; Pl. 1, Fig. Java<sup>1</sup>  
 2. [n. sp., illustrated.]<sup>1</sup>

**microstyla** Muir

- 1930 *Malaxa microstylus* Muir, Ent. Tidskr. **51**: 211; Figs. 7a, b. [n. sp., Bolivia<sup>1</sup>  
 illustrated.]<sup>1</sup>

**nigra** Muir

- 1919 *Malaxa nigra* Muir, Philippine Jour. Sci. **15**: 524. [n. sp.]<sup>1</sup> Luzon<sup>1</sup>

**obtusipennis** Muir

- 1919 *Malaxa obtusipennis* Muir, Philippine Jour. Sci. **15**: 523. [n. sp.]<sup>1</sup> Borneo<sup>1</sup>

**occidentalis** Muir

- 1926 *Malaxa occidentalis* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 7; Ecuador<sup>1</sup>  
 Pl. 1, Fig. 6. [n. sp., illustrated.]<sup>1</sup>

Genus **ARCOFACIES** Muir

Orthotype *Arcofacies fullawayi* [n. sp.] 1915 Muir, Canadian Ent. **47**: 319.

- Arcofacies* 1915 Muir, Canadian Ent. **47**: 319. [gen. n.] :270. [Key.] :261. [Listed.]  
 1916 Muir, Philippine Jour. Sci. **11**: 377. [Listed.] :373. [Comparative note.]  
 1919 Muir, Philippine Jour. Sci. **15**: 525. [Listed.]  
 1926 Schulze, Kükenthal, Heider, Nomenclator animalium **1** (2) :262. [Listed.]  
 1939 Neave, Nomenclator Zoologicus **1**: 282. [Listed.]

**fullawayi** Muir

- 1915 *Arcofacies fullawayi* Muir, Canadian Ent. **47**: 320. [n. sp.]<sup>1</sup> Manila<sup>1</sup>  
 1916 *Arcofacies fullawayi* Muir, Philippine Jour. Sci. **11**: 377. [Listed.]<sup>2</sup> (Philippine

- 1919 *Arcofacies fullawayi* Muir, Philippine Jour. Sci. 15: 526. Islands  
 [Listed.]<sup>3,4,5,6</sup> Luzon<sup>2</sup>  
 Penang<sup>3</sup>  
 (Malay  
 Peninsula)  
 Philippine  
 Islands<sup>4</sup>  
 Formosa<sup>5</sup>  
 Singapore<sup>6</sup>

**insignis** Muir

- 1919 *Arcofacies insignis* Muir, Philippine Jour. Sci. 15: 526. [n. sp.]<sup>1</sup> Luzon<sup>1</sup>

**penangensis** Muir

- 1919 *Arcofacies penangensis* Muir, Philippine Jour. Sci. 15: 525. Penang<sup>1</sup>  
 [n. sp.]<sup>1</sup> (Malay  
 Peninsula)

Genus **UPACHARA** Distant

Orthotype *Upachara stigma* [n. sp.] 1906 Distant, Fauna British India  
 3: 469.

Type *Upachara stigma* 1915 Muir, Canadian Ent. 47: 267.

- Upachara 1906 Distant, Fauna British India 3: 469. [gen. n.] :465. [Key.]  
 1915 Muir, Canadian Ent. 47: 212, 267. [Listed.] :297. [Key.]  
 1919 Muir, Canadian Ent. 51: 6. [Notes.]  
 1919 Muir, Philippine Jour. Sci. 15: 522. [Listed.]  
 1940 Neave, Nomenclator Zoologicus 4: 613. [Listed.]

**stigma** Distant

- 1906 *Upachara stigma* Distant, Fauna British India 3: 469; Fig. 256. Ceylon<sup>1</sup>  
 [n. sp., illustrated.]<sup>1</sup>

**straminea** Muir

- 1919 *Upachara straminea* Muir, Philippine Jour. Sci. 15: 522; Pl. 1, Fig. 1. Penang<sup>1</sup>  
 1. [n. sp., illustrated.]<sup>1</sup> (Malay  
 Peninsula)

Genus **PUNDALUOYA** Kirkaldy

Orthotype *Delphax ernesti* 1902 Kirkaldy, Jour. Bombay Nat. Hist.  
 Soc. 14: 52.

Type *Pundaluoya ernesti* 1906 Distant, Fauna British India 3: 467.

Type *Pundaluoya ernesti* 1915 Muir, Canadian Ent. 47: 267.

Type *Delphax ernesti* 1919 Muir, Canadian Ent. 51: 7.

- Pundaluoya 1902 Kirkaldy, Jour. Bombay Nat. Hist. Soc. 14: 52. [gen. n.]  
 1903 Melichar, Homop.-Fauna Ceylon :93. [Described.] :94, 95. [Comparative  
 note.] :225. [Listed.]  
 1906 Distant, Fauna British India 3: 467. [Described.] :465. [Key.]  
 : 474, 476 [Comparative note.]  
 1907 Kirkaldy, Bull. Hawaiian Sugar. Pl. Assoc. 3: 132. To *Peregrinus*  
 Kirkaldy. [error.]  
 1910 Bierman, Notes Leyden Mus. 33: 21. [Comparative note.]

*Pundaluoya—Conocraera*

- 1912 Waterhouse, Index Zool. II: 258. [Listed.]  
 1915 Muir, Canadian Ent. 47: 212, 267. [Listed.] :297. [Key.]  
 1915 Schumacher, Mitt. Zool. Mus. Berlin 8: 132. [Listed.]  
 1915 Schumacher, Suppl. Ent. 4: 141. [Listed.]  
 1916 Distant, Fauna British India 6: 134. Equals *Peregrinus* Kirk. [error.]  
 1917 Distant, Trans. Linn. Soc. London Zool. 17: 300. [Listed.]  
 1919 Muir, Canadian Ent. 51: 7. [Notes.]  
 1928 Jacobi, Arkiv Zool. 19: 43. [Note.]  
 1935 Schulze, Kükenthal and Hejder, Nomenclator animalium 4 (21): 2968.  
 [Listed.]  
 1940 Neave, Nomenclator Zoologicus 3: 1045. [Listed.]

**affinis** Schumacher

- 1915 *Pundaluoya affinis* Schumacher, Mitt. Zool. Mus. Berlin 8: 132. Formosa<sup>1</sup>  
 [Listed.]<sup>1</sup>  
 1915 *Pundaluoya affinis* Schumacher, Suppl. Ent. 4: 141. [n. sp.]<sup>1</sup>

**aritainoides** Schumacher

- 1915 *Pundaluoya aritainoides* Schumacher, Suppl. Ent. 4: 141. [n. sp.]<sup>1</sup> Formosa<sup>1</sup>  
 1915 *Pundaluoya aritainoides* Schumacher, Mitt. Zool. Mus. Berlin 8:  
 132. [Listed.]<sup>1</sup>

**ernesti** Kirby

- 1891 *Delphax ernesti* Kirby, Jour. Linn. Soc. Zool. 24: 140; Pl. 5, Fig. Ceylon<sup>1</sup>  
 14. [n. sp., illustrated.]<sup>1</sup> South India<sup>2</sup>  
 1891 *Delphax simplex* Kirby, Jour. Linn. Soc. Zool. 24: 141. [n. sp.]<sup>1</sup>  
 1902 *Pundaluoya ernesti* Kirkaldy, Jour. Bombay Nat. Hist. Soc. 14: 52; Pl. B, Figs. 3,  
 3a [Illustrated, notes.] Equals *Delphax ernesti* Kby.  
 1903 *Pundaluoya ernesti* Melichar, Homop.-Fauna Ceylon :94; Pl. II, Figs. 12a, b, c.  
 [Described, illustrated.]<sup>1</sup> Equals *Delphax ernesti* Kby. :225. [Listed.]<sup>1</sup>  
 1906 *Pundaluoya ernesti* Distant, Fauna British India 3: 467; Fig. 254. [Described, illus-  
 trated.]<sup>1</sup> Equals *Delphax ernesti* Kby.  
 1906 *Pundaluoya simplex* Distant, Fauna British India 3: 468. [Described.]<sup>1</sup> Equals  
*Delphax simplex* Kby.  
 1916 *Pundaluoya ernesti* Muir, Philippine Jour. Sci. 11: 384. [Notes.]  
 1919 *Pundaluoya ernesti* Muir, Canadian Ent. 51: 7. [Listed.]  
 1919 *Pundaluoya simplex* Muir, Canadian Ent. 51: 7. [Notes.]  
 1921 *Pundaluoya ernesti* Muir, Proc. Hawaiian Ent. Soc. 4: 484. [Notes.]<sup>2</sup> Equals *Pun-  
 daluoya simplex* Kby.

*facialis* Distant. See *Perkinsiella facialis* Distant.

*facilis*. Typographical error for *Pundaluoya facialis* Distant. See *Perkinsiella facialis* Distant.

*insignis* Distant. See *Perkinsiella insignis* Distant.

*pulchella* Distant. See *Phyllodinus pulchellus* Distant.

*simplex* Kirby. See *Pundaluoya ernesti* Kirby.

*simplex*. Typographical error for *Pundaluoya simplicia* Distant. See *Peregrinus maidis* Ash-  
 mead.

*simplicia* Distant. See *Peregrinus maidis* Ashmead.

## Genus CONOCRAERA Muir

Haplotype *Conocraera acutipennis* [n. sp.] 1916 Muir, Philippine Jour.  
 Sci. 11: 372.

Conocraera 1916 Muir, Philippine Jour. Sci. 11: 372. [gen. n.]

- 1927 Schulze, Kükenthal and Heider, Nomenclator animalium 2 (7): 777.  
[Listed.]  
1939 Neave, Nomenclator Zoologicus 1: 819. [Listed.]

**acutipennis** Muir

- 1916 *Conocraera acutipennis* Muir, Philippine Jour. Sci. 11: 373. [n. sp.]<sup>1,2</sup> Luzon<sup>1</sup>  
Palawan<sup>2</sup>  
(Philippine  
Islands)

Genus **BAMBUCIBATUS** Muir

Orthotype *Bambucibatus albolineatus* [n. sp.] 1915 Muir, Canadian Ent. 47: 318.

- Bambucibatus* 1915 Muir, Canadian Ent. 47: 318. [gen. n.]  
*Bambusibatus* [sic] 1915 Muir, Canadian Ent. 47: 212, 261. [Listed.] :270. [Key.]  
1919 Muir, Philippine Jour. Sci. 15: 522. [Listed.]  
*Bambucibatus* 1926 Schulze, Kükenthal and Heider, Nomenclator animalium 1 (3):  
368. [Listed.]  
1939 Neave, Nomenclator Zoologicus 1: 390. [Listed.]

**albolineatus** Muir

- 1915 *Bambucibatus albolineatus* Muir, Canadian Ent. 47: 319. [n. sp.]<sup>1</sup> Malay  
1917 *Bambusibatus* [sic] *albolineatus* Muir, Proc. Hawaiian Ent. Soc. 3: 316. [Notes.] Peninsula<sup>1</sup>  
Borneo<sup>2</sup>  
1919 *Bambusibatus* [sic] *albolineata* Muir, Philippine Jour. Sci. 15: 522.  
[Listed.]<sup>2</sup>

Genus **LANAPHORA** Muir

Orthotype *Lanaphora bakeri* [n. sp.] 1915 Muir, Canadian Ent. 47: 317.

- Lanaphora* 1915 Muir, Canadian Ent. 47: 317. [gen. n.] :212, 264. [Listed.] :270. [Key.]  
1916 Muir, Philippine Jour. Sci. 11: 377. [Listed.]  
1917 Muir, Philippine Jour. Sci. 12: 351. [Comparative note.]  
1930 Schulze, Kükenthal and Heider, Nomenclator animalium 3 (13): 1762.  
[Listed.]  
1939 Neave, Nomenclator Zoologicus 2: 863. [Listed.]

**bakeri** Muir

- 1915 *Lanaphora bakeri* Muir, Canadian Ent. 47: 317. [n. sp.]<sup>1</sup> Philippines<sup>1</sup>  
1916 *Lanaphora bakeri* Muir, Philippine Jour. Sci. 11: 377. [Listed.]<sup>2</sup> Luzon<sup>2</sup>

Genus **PUROHITA** Distant

Orthotype *Purohita cervina* [n. sp.] 1906 Distant, Fauna British India 3: 470.

Type *Purohita cervina* 1915 Muir, Canadian Ent. 47: 267.

- Purohita* 1906 Distant, Fauna British India 3: 470. [gen. n.] :465. [Key.]  
1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 129. [Notes.]  
1907 Distant, Ent. Monthly Mag. 43: 10. [Listed.]  
1907 Antram, Jour. Bombay Nat. Hist. Soc. 17: 1024. [Notes.]<sup>1</sup>  
1912 Waterhouse, Index Zool. II: 258. [Listed.]



*Purohita*

- 1913 Muir, Proc. Hawaiian Ent. Soc. 2: 243. [Listed.]  
 1915 Muir, Canadian Ent. 47: 212, 267. [Listed.] :270. [Key.]  
 1915 Shumacher, Mitt. Zool. Mus. Berlin 8: 132. [Listed.]  
 1915 Schumacher, Suppl. Ent. 4: 142. [Listed.]  
 1916 Distant, Fauna British India 6: 136. [Listed.]  
 1916 Muir, Philippine Jour. Sci. 11: 376. [Listed.]  
 1917 Muir, Proc. Hawaiian Ent. Soc. 3: 316. [Notes.]  
 1919 Muir, Philippine Jour. Sci. 15: 521. [Listed.]  
 1935 Schulze, Kükenthal and Heider, Nomenclator animalium 4 (21) :2969. [Listed.]  
 1935 Wu, Cat. Ins. Sinensium. 2: 120. [Listed.]  
 1940 Neave, Nomenclator Zoologicus 3: 1047. [Listed.]

**arundinacea** Distant

- 1907 *Purohita arundinacea* Distant, Ent. Monthly Mag. 43: 10. [n. India<sup>1</sup> sp.]<sup>1</sup>  
 1907 *Purohita arundinacea* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 129; Pl. 15, Figs. 6-8. [Notes, illustrated.] :12. [Listed.]  
 1913 *Purohita arundinacea* Reh, Sorauer's Handbuch der Pflanzenkrankheiten 3: 646. [Listed.]<sup>1</sup>  
 1916 *Purohita arundinacea* [sic] Distant, Fauna British India 6: 136. [Described.]<sup>1</sup>

**cervina** Distant

- 1906 *Purohita cervina* Distant, Fauna British India 3: 470; Fig. 257. Ceylon<sup>1</sup>  
 [n. sp., illustrated.]<sup>1</sup> China<sup>2</sup>  
 1907 *Purohita cervina* Distant, Ent. Monthly Mag. 43: 10. [Listed.]<sup>1</sup> Formosa<sup>3</sup>  
 1907 *Purohita cervina* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 130. [Notes.] India<sup>4</sup>  
 1909 *Purohita cervina* Lefroy and Howlett, Indian Insect Life :728. [Notes.]  
 1913 *Purohita cervina* Muir, Proc. Hawaiian Ent. Soc. 2: 243. [Listed.]<sup>2</sup>  
 1915 *Purohita cervina* Schumacher, Mitt. Zool. Mus. Berlin 8: 132. [Listed.]<sup>1,2,3</sup>  
 1915 *Purohita cervina* Schumacher, Suppl. Ent. 4: 142. [Notes.]<sup>1,2,3</sup>  
 1916 *Purohita cervina* Muir, Philippine Jour. Sci. 11: 311. [Comparative note.]  
 1933 *Purohita cervina* Kato, Three Colour Ill. Ins. Japan 4: Pl. 15, Fig. 8. [Illustrated.]  
 1934 *Purohita cervina* Chatterjee and Bose, Indian For. Rec. 19 (8) :14. [Listed.]<sup>1,4</sup>  
 1935 *Purohita cervina* Wu, Cat. Ins. Sinensium. 2: 120. [Listed.]<sup>2</sup>

**fuscovenosa** Muir

- 1913 *Purohita fuscovenosa* Muir, Proc. Hawaiian Ent. Soc. 2: 243. China<sup>1</sup>  
 [n. sp.]<sup>1</sup>  
 1935 *Purohita fuscovenosa* Wu, Cat. Ins. Sinensium. 2: 120. [Listed.]<sup>1</sup>

**maculata** Muir

- 1916 *Purohita maculata* Muir, Philippine Jour. Sci. 11: 311. [n. sp.]<sup>1</sup> Formosa<sup>1</sup>  
 :377. [Listed.]<sup>1</sup>

**muiri** nom. nov. for *Purohita nigripes* Muir. [1919] [nec *Purohita nigripes* Muir 1916.]

- 1919 *Purohita nigripes* Muir, Philippine Jour. Sci. 15: 521. [n. sp.]<sup>1</sup> Penang<sup>1</sup>

**nigripes** Muir

- 1916 *Purohita nigripes* Muir, Philippine Jour. Sci. 11: 376. [n. sp.]<sup>1</sup> Luzon<sup>1</sup>  
*nigripes* Muir [1919 nec 1916.] See *Purohita muiri* Metcalf.

**taiwanensis** Muir

- 1914 *Purohita taiwanensis* Muir, Proc. Hawaiian Ent. Soc. **3**: 53. Formosa<sup>1</sup>  
[n. sp.]<sup>1</sup>  
1915 *Purohita taiwanensis* Schumacher, Mitt. Zool. Mus. Berlin **8**: 132. [Listed.]<sup>1</sup>

Genus **SPARNIA** Stål

Haplotype *Sparnia praecellens* [n. sp.] 1862 Stål, Handl. Svenska Vet. Akad. **3** (6) :6.

Type *Sparnia praecellens* 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 7.

- Sparnia* 1862 Stål, Handl. Svenska Vet. Akad. **3** (6) :6. [gen. n.]  
1866 Stål, Hemip. Africana **4**: 157. [Key.]  
1873 Marschall, Nomenclator Zoologicus **1873**: 381. [Listed.]  
1882 Scudder, Nomenclator Zoologicus. Univ. Index :295. [Listed.]  
1889 Ashmead, Ent. Amer. **5**: 25. [Key.]  
1915 Muir, Canadian Ent. **47**: 212, 267. [Listed.] :296. [Key.]  
1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 4. [Key.] :7. [Described.]  
1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 6. [Listed.]  
1937 Schulze, Kükenthal and Heider, Nomenclator animalium **5** (23) :3219. [Listed.]  
1940 Neave, Nomenclator Zoologicus **4**: 230. [Listed.]

**edwardsi** Muir

- 1927 *Sparnia edwardsi* Muir, Ann. Mag. Nat. Hist. (9) **20**: 296. Figs. Chiloe Island<sup>1</sup>  
1, 2. [n. sp., illustrated.]<sup>1</sup> (Chile)

**praecellens** Stål

- 1862 *Sparnia praecellens* Stål, Handl. Svenska Vet. Akad. **3** (6) :6. Brazil<sup>1</sup>  
[n. sp.]<sup>1</sup> Ecuador<sup>2</sup>  
1924 *Sparnia praecellens* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 7.  
[Listed.]<sup>2</sup>  
1926 *Sparnia praecellens* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 6. [Listed.]<sup>2</sup>  
1927 *Sparnia praecellans* Muir, Ann. Mag. Nat. Hist. (9) **20**: 297. [Comparative note.]<sup>1,2</sup>

**williamsi** Muir

- 1926 *Sparnia williamsi* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 6. Ecuador<sup>1</sup>  
[n. sp.]<sup>1</sup>  
1927 *Sparnia williamsi* Muir, Ann. Mag. Nat. Hist. (9) **20**: 297. [Comparative note.]<sup>1</sup>

Genus **SYNPTERON** Muir

Orthotype *Synpteron brazilensis* [n. sp.] 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 7.

- Synpteron* 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 7. [gen. n.]  
1940 Neave, Nomenclator Zoologicus **4**: 374. [Listed.]

**brazilensis** Muir

- 1926 *Synpteron brazilensis* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 7. Brazil<sup>1</sup>  
Pl. 1, Figs. 4, 5. [n. sp., illustrated.]<sup>1</sup>

*Liburniella*Genus **LIBURNIELLA** Crawford

Orthotype *Liburniella ornata* 1914 Crawford, Mon. Delphacidae :585.

Orthotype *Liburniella ornata* 1916 Van Duzee, Check List Hemip. America :84.

Orthotype *Liburniella ornata* 1917 Van Duzee, Cat. Hemip. America :772.

Type *Liburniella oranta* 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 246.

- Liburniella* 1914 Crawford, Mon. Delphacidae :585. [gen. n.] :563. [Key.]  
 1914 Van Duzee, Psyche 21: 165. [Notes.]  
 1915 Muir, Canadian Ent. 47: 212, 265. [Listed.] :299. [Key.]  
 1916 Van Duzee, Check List Hemip. America :84. [Listed.]  
 1917 Van Duzee, Cat. Hemip. America :772. [Listed.]  
 1920 Britton, Check-List Ins. Connecticut :47. [Listed.]  
 1923 Van Duzee, Fulgoridae Hemip. Connecticut :46. [Key.] :52. [Described.]  
 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 5. [Key]  
 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 8. [Listed.] :9. [Comparative note.]  
 1926 Muir, Ann. Mag. Nat. Hist. (9) 17: 19. [Comparative note.]  
 1927 Johnson, Biol. Surv. Mount Desert Reg. 1: 33. [Listed.]  
 1928 Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 181. [Listed.]  
 1928 Ogilvie, Insects of Bermuda 1928: 20. [Listed.]  
 1931 Schulze, Kükenthal and Heider, Nomenclator animalium 3 (14): 1838. [Listed.]  
 1934 Heaton, Bull. Brooklyn Ent. Soc. 29: 114. [Listed.]  
 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 234. [Key.] :246. [Listed.]  
 1938 Brimley, Insects of North Carolina 1938: 103. [Listed.]  
 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. 82: 303. [Listed.]  
 1938 Osborn, Bull. Ohio Biol. Surv. 6: 330. [Key.] :334. [Described.]  
 1939 Neave, Nomenclator Zoologicus 2: 938. [Listed.]

**fasciatella** Osborn

- 1935 *Liburniella fasciatella* Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 246; Fig. 67. [n. sp., illustrated.]<sup>1</sup> Puerto Rico  
 1936 *Liburniella fasciatella* Wolcott, Jour. Agr. Univ. Puerto Rico 20: 108. [Listed.]<sup>1</sup>

**ornata** Stål

- 1862 *Delphax ornata* Stål, Berliner Ent. Zeit. 6: 315. [n. sp.]<sup>1,2</sup> North  
 1892 *Liburnia ornata* Osborn, Proc. Iowa Acad. Sci. 1: 127 (13).  
 [Listed.]<sup>6</sup> Carolina<sup>1</sup>  
 1894 *Liburnia ornata* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 191.  
 [Notes.]<sup>2</sup> New York<sup>2</sup>  
 1897 *Liburnia ornata* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 247.  
 [Described.]<sup>1,2,5,6,7</sup> Equals *Delphax ornata* Stål. :227. [Listed.]  
 :250. [Comparative note.] Eastern States<sup>3</sup>  
 1900 *Liburnia ornata* Forbes, Rept. State Ent. Illinois 21: 65; Pl. I, Fig. 3. [Described, illustrated.]<sup>8</sup> :67. [Economics.]<sup>3,8</sup> Canada<sup>4</sup>  
 1900 *Liburnia ornata* Lugger, Bull. Minnesota Agr. Exp. Sta. 69: 117;  
 Pl. 3, Fig. 112. [Notes, illustrated.]<sup>3</sup> South Carolina<sup>5</sup>  
 1900 *Liburnia ornata* Forbes and Hart, Bull. Illinois Agr. Exp. Sta. 60:  
 413; Pl. I, Fig. 3. [Described, illustrated.] :415. [Economics.]<sup>3,8</sup> Iowa<sup>6</sup>  
 1900 *Liburnia ornata* Smith, Ins. New Jersey 1900: 89. [Listed.]<sup>3</sup> Mississippi<sup>7</sup>  
 Illinois<sup>8</sup>  
 New Jersey<sup>9</sup>  
 Ohio<sup>10</sup>  
 Washington,  
 D.C.<sup>11</sup>  
 Kentucky<sup>12</sup>  
 Minnesota<sup>13</sup>

- 1900 *Liburnia ornata* Osborn, Ohio Nat. 1: 11. [Listed.]<sup>10</sup> Pennsylvania<sup>14</sup>
- 1901 *Liburnia ornata* Osborn, Ann. Rept. Ohio St. Acad. Sci. 9: 36. [Listed.]<sup>10</sup> Kansas<sup>15</sup>  
Florida<sup>16</sup>
- 1904 *Liburnia ornata* Swezey, Prelim. Cat. Fulgoridae North America 1904: 38. [Listed.]<sup>1,2,5,6,7,8,10,11,12,13</sup> Equals *Delphax ornata* Stål. Bermuda<sup>17</sup>  
Alabama<sup>18</sup>
- 1904 *Liburnia ornata* Wirtner, Ann. Carnegie Mus. 3: 216. [Listed.]<sup>14</sup> Louisiana<sup>19</sup>
- 1905 *Liburnia ornata* Forbes, Rept. State Ent. Illinois 23: 204; Fig. 212. [Economics, illustrated.]<sup>3,8</sup> Texas<sup>20</sup>  
Missouri<sup>21</sup>
- 1907 *Liburnia ornata* Tucker, Bull. Kansas Univ. Sci. 4: 65. [Listed.]<sup>15</sup> Massachusetts<sup>22</sup>
- 1909 *Liburnia ornata* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 9: 203. [Listed.]<sup>16</sup> Nebraska<sup>23</sup>  
Ontario<sup>24</sup>
- 1909 *Liburnia ornata* Van Duzee, Canadian Ent. 41: 128. [Listed.]<sup>17</sup> Connecticut<sup>25</sup>
- 1910 *Liburnia ornata* Smith, Rept. Ins. New Jersey 1910: 97. [Listed.]<sup>2,9</sup> Georgia<sup>26</sup>
- 1913 *Liburnia ornata* Metcalf, Ann. Ent. Soc. America 6: 350; Pl. XXXVII, Figs. 53-54. [Venation, illustrated.] Ecuador<sup>27</sup>  
British
- 1914 *Liburniella ornata* Crawford, Mon. Delphacidae :601. [Comparative note.] Columbia<sup>28</sup>  
Maine<sup>29</sup>
- 1914 *Liburniella ornata* Crawford, Mon. Delphacidae :586; Pl. 45, Fig. T; Pl. 47, Fig. E; Pl. 49; Fig. N. [Described, illustrated.]<sup>11,14,15,16,18,19,20,21,22,23</sup> Equals *Delphax ornata* Stål. Equals *Liburnia ornata* Osborn. United States<sup>30</sup>  
Indiana<sup>31</sup>
- 1914 *Liburniella ornata* Van Duzee, Psyche 21: 165. [Listed.]
- 1914 *Liburnia ornata* Barber, Bull. American Mus. Nat. Hist. 33: 529. [Listed.]<sup>16</sup>
- 1915 *Liburnia ornata* Metcalf, Jour. Elisha Mitchell Soc. 31: 44 (12). [Listed.]<sup>1</sup>
- 1916 *Liburniella ornata* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>3,4</sup>
- 1917 *Liburniella ornata* Van Duzee, Cat. Hemip. America :772. [Listed.]<sup>1,2,5,6,7,8,9,10,11,12,13,14,15,16,17,24</sup> Equals *Delphax ornata* Stål. Equals *Liburnia ornata* Stål.
- 1920 *Liburniella ornata* Britton, Check-List Ins. Connecticut :47. [Listed.]<sup>25</sup>
- 1920 *Liburniella ornata* Spooner, Ent. News 31: 45, 46. [Ecology.]<sup>26</sup>
- 1921 *Liburniella ornata* Osborn, Florida Ent. 5: 18. [Listed.]<sup>16</sup>
- 1922 *Liburniella ornata* Osborn, Tech. Publ. New York. St. Coll. For. 16: 51. (Ecology.)<sup>2</sup>
- 1923 *Liburniella ornata* Balduf, Bull. Ohio Agr. Exp. Sta. 366: 165. [Listed.]<sup>10</sup>
- 1923 *Liburniella ornata* Metcalf, Jour. Elisha Mitchell Soc. 38: 167; Pl. 46, Fig. 106; Pl. 59, Figs. 393, 394; Pl. 64, Fig. 526; Pl. 65, Fig. 550; Pl. 68, Fig. 636. [Key, illustrated.]
- 1923 *Liburniella ornata* Van Duzee, Fulgoridae Hemip. Connecticut :52. [Notes.]<sup>4,25,30</sup> :45; Fig. 3. [Illustrated.]
- 1926 *Liburniella ornata* Dozier, Jour. New York Ent. Soc. 34: 258. [Comparative note.]
- 1926 *Liburniella ornata* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 8; Pl. 1, Figs. 8, 9. [Notes, illustrated.]<sup>2,27</sup>
- 1927 *Liburniella ornata* Downes, Proc. Ent. Soc. British Columbia 23: 21. [Listed.]<sup>28</sup>
- 1927 *Liburniella ornata* Johnson, Biol. Surv., Mount Desert Reg. 1: 33. [Listed.]<sup>29</sup>
- 1928 *Liburniella ornata* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 181. [Listed.]<sup>2</sup>
- 1928 *Liburniella ornata* Ogilvie, Insects of Bermuda 1928: 20. [Listed.]<sup>17</sup>
- 1931 *Liburniella ornata* Neiswander, Bull. Ohio Agr. Exp. Sta. 473: 44. [Listed.] Equals *Liburnia ornata* Stål. :55. [Notes.]<sup>8</sup> Equals *Liburnia ornata* Stål.
- 1932 *Liburniella ornata* Osborn, Ohio Jour. Sci. 32: 517. [Listed.]<sup>10</sup>
- 1934 *Liburniella ornata* Heaton, Bull. Brooklyn Ent. Soc. 29: 114. [Listed.]<sup>31</sup>
- 1938 *Liburniella ornata* Brimley, Insects of North Carolina 1938: 103. [Listed.]<sup>1</sup>
- 1938 *Liburniella ornata* Osborn, Bull. Ohio Biol. Surv. 6: 334; Fig. 38B. [Described, illustrated.]<sup>10</sup>
- 1938 *Liburniella* [sic] *ornata* Spooner, Univ. Illinois Bull. 35 (70): 9. [Listed.]
- 1938 *Liburniella ornata* Spooner, Univ. Illinois Bull. 35 (70): 14; Pl. 3, Fig. 38. [Morphology of head, illustrated.]
- 1939 *Liburniella ornata* Glick, Tech. Bull. United States Dept. Agr. 673: 27. [Listed.]<sup>19</sup> :65. [Ecology.]<sup>19</sup>
- 1939 *Liburniella ornata* Osborn, Meadow and Pasture Insects 1939: 161. [Note.]
- 1940 *Liburniella ornata* Smith, Jour. Econ. Ent. 33: 659. [Listed.]



*Eurysa*

## Genus EURYSA Fieber

Logotype *Eurysa lineata* 1912 Oshanin, Kat. Paläark. Hemip. :118.Type *Eurysa lineata* 1915 Muir, Canadian Ent. 47: 263.Type *Eurysa lineata* 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 8.Type *Eurysa lineata* 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 211.Type *Eurysa lineata* 1935 Haupt, Tierwelt Mitteleuropas 4 (3): 131.

- Eurysa* 1866 Fieber, Verh. Zool. Bot. Ges. Wien 16: 520. [gen. n.] :523. [Key to species.]
- Eurisa* [sic] 1866 Fieber, Verh. Zool. Bot. Ges. Wien. 16: 532. [Listed.]
- Eurysa* 1867 Dallas, Zool. Rec. 3: 560. [Key.]
- Delphax* 1868 Kirschbaum, Cicad. Wiesbaden. :19. [Described, key to German species.] [nec Fabricius] [in part.]
- Liburnia* 1870 Scott, Ent. Monthly Mag. 7: 23. [Described.] [nec Stål] [in part]
- Liburnia* 1870 Scott, Ent. Monthly Mag. 7: 25. [Key to British species.] [nec Stål] [in part.]
- Eurysa* 1872 Fieber, Verh. Zool. Bot. Ges. Wien 22: 29. Equals *Euryusa* [sic] Kirschb.
- 1872 Fieber, Kat. Europäischen Cicad. :5. [Listed.] Equals *Delphax* Auct. [in part.] Equals *Liburnia* Scott [in part.]
- Delphax* 1874 Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 82. [Listed.] [nec Fabricius] [in part.]
- 1873 Marschall, Nomenclator Zoologicus 1873: 364. [Listed.]
- Eurysa* 1875 Puton, Cat. Hémip. d'Europe 2 Ed. :118. [Listed.]
- 1875 Fieber, Cicad. d'Europe Pt. 1: 374 (87). [Key.]
- 1875 Scott, Ent. Monthly Mag. 12: 92. [Comparative note.]
- 1876 Fieber, Cicad. d'Europe Pt. 2: Pl. 7 [Illustrated.]
- Liburnia* 1876 Douglas and Scott, Cat. British Hemip-Homop. :66 [Listed.] [nec Stål] [in part.]
- Eurysa* 1878 Fieber, Cicad. d'Europe Pt. 3: 302 (33). [Key to species.] Equals *Delphax* Perris [in part.]
- 1880 Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 55. [Listed.]
- 1882 Ferrari, Cicad. Agri. Liguistici :90 (18). [Listed.] :87 (15). [Key.]
- 1882 Scudder, Nomenclator Zoologicus. Univ. Index :122. [Listed.]
- 1884 Mayr, Tabellen :20. [Key.] Equals *Delphax* Auct. [in part.]
- 1886 Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :72. [Listed.]
- Liburnia* 1886 Edwards, Hemip.-Homop. British Islands Pt. 6: 57; Pl. 1, Fig. 19 [Described, illustrated.] :55. [Key.] :58. [Key to species.] [nec Stål] [in part.]
- Eurysa* 1886 Then, Kat. Österreichischen Cicad. 1886: 14. [Listed.]
- 1888 Dubois, Mém. Soc. Linn. Nord. France 7: 155 (59). [Listed.]
- 1889 Ashmead, Ent. Americana 5: 28. [Key.]
- Liburnia* 1890 Buckton, Mon. British Cicadae 1: 30. [Described.] :28. [Key.] [nec Stål] [in part.]
- 1890 Saunders and Edwards, Cat. British Hemiptera 1890: 11. [Listed.]
- Eurysa* 1892 Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]
- 1892 Duda, Cat. Ins. Faunae Bohemicae :28. [Listed.]
- 1894 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 191. [Listed.]
- Euryusa* [sic] 1894 Edwards, Hemip.-Homop. British Islands Pt. 1: 31. To *Liburnia* [nec Stål] [error.]
- Eurysa* 1896 Melichar, Cicad. Mittel-Europa :67. [Described, key to species.] :50. [Key.]
- 1897 Horváth, Fauna Regni Hungariae :56. [Listed.]



- 1897 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 241, 242. [Comparative note.]
- 1899 Marchal, Bull. Soc. Hist. Nat. Autun. 11: 589. [Listed.]
- 1899 Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :107. [Listed.]
- 1900 Matsumura, Ent. Nachr. 26: 261. [Comparative note.]
- 1901 Lambertie, Act. Soc. Linn. Bordeaux 56: 216 (88). [Listed.]
- 1902 Cobelli, Cicadine Trentino :9. [Listed.]
- 1903 Graeffe, Boll. Soc. Adriatica Sci. Nat Trieste 21: 62 (22) [Listed.]
- 1904 Hüeber, Syst. Verz. deutschen Zikadinen 1904: 269. [Listed.]
- 1906 Matsumura, Schr. Nat. Ges. Danzig 11: 76. [Listed.]
- 1907 Oshanin, Verz. Palaeark. Hemip. 2 (2): 309. [Listed.]
- 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 143. [Comparative note.]
- 1908 Saunders and Edwards, Cat. British Hemiptera 1908: 15. [Listed.]
- Eurysia* [sic] 1910 Lambertie, Misc. Ent. 18: 92. [Listed.]
- Eurysa* 1912 Oshanin, Kat. Paläark. Hemip. :118. [Listed.]
- 1913 Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]
- 1915 Muir, Canadian Ent. 47: 212, 263. [Listed.] :298. [Key.] :301. [Note.]
- Liburnia* 1917 Van Duzee, Cat. Hemip. America :773. [List of North American species.] [nec Stål] [in part.]
- Eurysa* 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 5. [Key.] :8. [Notes.] :23, 24. [Comparative note.]
- 1926 Muir, Ann. Mag. Nat. Hist. (9) 17: 20. [New species from South Africa.] :19. [Listed.]
- 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 9. [Comparative note.]
- 1927 Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 143. [Listed.]
- 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 211. [Key.]
- 1929 Muir, Ann. Mag. Nat. Hist. (10) 4: 188. [Listed.]
- 1929 Schulze, Kükenthal and Heider, Nomenclator animalium 2 (10): 1270. [Listed.]
- 1935 Haupt, Tierwelt Mitteleuropas 4 (3): 131. [Key.] :137. [Key to species.]
- 1936 Lindberg, Comm. Biol. 4 (9): 18. [Listed.]
- 1937 Kuntze, Arch. Nat. (n. f.) 6: 335. [Listed.]
- 1939 China, Ent. Monthly Mag. 75: 41. [Notes.] :42. [Key to British species.]
- 1939 Neave, Nomenclator Zoologicus 2: 366. [Listed.] Equals *Eurisa* [sic] Fieber.

***atrata* Muir**

- 1926 *Eurysa atrata* Muir, Ann. Nat. Hist. (9) 17: 22; Figs. 13, 14. Cape Province<sup>1</sup> [n. sp., illustrated.]<sup>1</sup>
- 1929 *Eurysa atrata* Muir, Ann. Mag. Nat. Hist. (10) 4: 190. [Listed.]

*brunnea* Melichar. See *Eurysa lurida* Fieber.

***carinata* Melichar**

- 1899 *Eurysa carinata* Melichar, Wien Ent. Zeit. 18: 181 [n. sp.]<sup>1</sup> Tunisia<sup>1</sup>
- 1899 *Eurysa carinata* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :107. [Listed.]<sup>1</sup>
- 1907 *Eurysa carinata* Oshanin, Verz. Palaeark. Hemip. 2 (2): 310. [Listed.]<sup>1</sup>
- 1912 *Eurysa carinata* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>1</sup>

***clypeata* Horváth**

- 1897 *Eurysa clypeata* Horváth, Term. Füzetek 20: 621. [n. sp.]<sup>1</sup> Hungary<sup>1</sup>
- 1897 *Eurysa clypeata* Horváth, Fauna Regni Hungariae. :56. [Listed.]<sup>1</sup>
- 1899 *Eurysa clypeata* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :107. [Listed.]<sup>1</sup>
- 1903 *Eurysa clypeata* Horváth, Ann. Mus. Nat. Hungarici 1: 476. [Comparative note.]<sup>1</sup>
- 1907 *Eurysa clypeata* Oshanin, Verz. Palaeark. Hemip. 2 (2): 310. [Listed.]<sup>1</sup>
- 1912 *Eurysa clypeata* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>1</sup>

*Eurysa*

- 1935 *Eurysa clypeata* Haupt, Tierwelt Mitteleuropas 4 (3): 138. [Key.]<sup>1</sup>  
*dimidiata* Rey (var.) See *Eurysa pyrenaica* var. *dimidiata* Rey.

**dorsilinea** Van Duzee

- 1907 *Liburnia* (?) *dorsilinea* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 8: 50. [n. sp.]<sup>1</sup> Jamaica<sup>1</sup>  
 Cuba<sup>2</sup>  
 1909 [*Liburnia*] *dorsilinea* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 9: 201. [Comparative note.]<sup>1</sup>  
 1914 *Megamelus dorsilinia* [sic] Crawford, Mon. Delphacidae: 631. [Listed.]<sup>1</sup> Equals *Liburnia* (?) *dorsilinea* Van Duz.  
 1924 *Eurysa dorsilinia* [sic] Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 9. [Notes.] Equals *Liburnia* (?) *dorsilinea* Van Duz.  
 1926 *Eurysa dorsilinea* Osborn, Ann. Ent. Soc. America 19: 359. [Listed.]<sup>2</sup>  
 1926 *Eurysa dorsilinea* Osborn, Sci. Contr. Trop. Pl. Res. Found. 2: 359. [Listed.]<sup>2</sup>

**douglasi** Scott

- 1870 *Liburnia douglasi* Scott, Ent. Monthly Mag. 7: 72. [n. sp.]<sup>1</sup> :29. England<sup>1</sup>  
 [Key.] British Isles<sup>2</sup>  
 1872 *Liburnia douglasi* Fieber, Kat. Europäischen Cicad :6. [Listed.]<sup>1</sup> Siberia<sup>3</sup>  
 1875 *Delphax douglasi* Puton, Cat. Hémip. d'Europe 2 Ed. :120. [Listed.]<sup>2</sup>  
 1876 *Liburnia douglasi* Douglas and Scott, Cat. British Hemip. :69. [Listed.]<sup>2</sup>  
 1876 *Liburnia douglasi* Douglas, Ent. Monthly Mag. 13: 112. [Listed.]<sup>1</sup>  
 1879 *Liburnia douglasi* Fieber, Cicad. d'Europe Pt. 4: 94 (30). [Described.]<sup>1</sup> [Key.]<sup>1</sup>  
 1886 *Delphax douglasi* Puton, Cat. Hémip. Faune Paléarctique 2 Ed. :73. [Listed.]<sup>2</sup>  
 1886 *Liburnia douglasi* Edwards, Syn. British Homop.-Cicadina Pt. 1: 89. [Described.]<sup>2</sup> :61. [Key.]  
 1890 *Liburnia douglasi* Saunders and Edwards, Cat. British Hemiptera 1890: 12. [Listed.]<sup>2</sup>  
 1890 *Liburnia douglasi* Buckton, Mon. British Cicadae 2: 57; pl. xvi, Figs. 5a-c. [Described, illustrated.]<sup>2</sup>  
 1890 *Liburnia douglasi* Buckton, Mon. British Cicadae 3: 65. [Synopsis.]  
 1891 *Delphax douglasi* Jakovleff, Horae Soc. Ent. Rossicae 25: 426. [Listed.]  
 1894 *Liburnia douglasi* Edwards, Hemip.-Homop. British Islands Pt. 2: 38 [Key.]  
 1894 *Liburnia douglasi* Edwards, Hemip.-Homop. British Islands Pt. 3: 69. [Described.]<sup>2</sup>  
 1899 *Delphax douglasi* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>2</sup>  
 1900 *Liburnia douglasi* Melichar, Wien. Ent. Zeit. 19: 45. [Listed.]<sup>3</sup>  
 1907 *Delphax douglasi* Oshanin, Verz. Palaeark. Hemip. 2 (2): 321. [Listed.]<sup>2,3</sup> Equals *Liburnia douglasi* Scott.  
 1908 *Delphax douglasi* Saunders and Edwards, Cat. British Hemiptera 1908: 15. [Listed.]<sup>2</sup>  
 1912 *Delphax douglasi* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>1,3</sup>  
 1931 *Liburnia douglasi* Duffield, Ent. Monthly Mag. 67: 37. [Described.]<sup>1</sup>  
 1939 *Eurysa douglasi* China, Ent. Monthly Mag. 75: 42. [Note, key.] Equals *Delphacodes* [*douglasi* Scott]. Equals *Liburnia douglasi* Scott.

**furcifera** Muir

- 1926 *Eurysa furcifera* Muir, Ann. Mag. Nat. Hist. (9) 17: 20; Figs. 7, 8. Cape Province<sup>1</sup>  
 [n. sp., illustrated.]<sup>1</sup>  
 1926 *Eurysa furcifer* [sic] Muir, Ann. Mag. Nat. Hist. (9) 17: 21. [Comparative note.]  
 1929 *Eurysa furcifera* Muir, Ann. Mag. Nat. Hist. (10) 4: 189. [Comparative note.] :180. [Listed.]<sup>1</sup>

**immunda** Horváth

- 1916 *Eurysa immunda* Horváth, Ann. Mus. Nat. Hungarici 14: 16. Albania<sup>1</sup>

**kormusi** Crawford

- 1914 *Megamelus kormusi* Crawford, Mon. Delphacidae :614 [n. sp.]<sup>1</sup> Nevada<sup>1</sup>  
:606. [Key.] Western States<sup>2</sup>
- 1916 *Liburnia kormusi* Van Duzee, Check List Hemip. America :84. California<sup>3</sup>  
[Listed.]<sup>2</sup>
- 1917 *Liburnia kormusi* Van Duzee, Cat. Hemip. America :778. [Listed.]<sup>1</sup>  
Equals *Megamelus kormusi* Crawf.
- 1917 *Liburnia fluviialis* Van Duzee, Proc. California Acad. Sci. 7: 317. [n. sp.]<sup>3</sup>
- 1924 *Eurysa kormusi* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 9; Pl. 2,  
Fig. 14; Pl. 4, Fig. 51. [Described, illustrated.]<sup>1,3</sup> Equals *Megamelus kormusi* Crawf.  
Equals *Liburnia fluviialis* Van Duz.

**lineata** Perris

- 1897 *Delphax lineata* Perris, Ann. Soc. Linn. Lyon 4: 171 (91). [n. sp.]<sup>1</sup> France<sup>1</sup>
- 1859 *Delphax lineata* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup> Germany<sup>2</sup>
- 1866 *Eurysa lineata* Fieber, Verh. Zool. Bot. Ges. Wien 16: 520. Pl. 8, Switzerland<sup>3</sup>  
Fig. 9. [Listed, illustrated.] Equals *Delphax lineata* Sign. Ireland<sup>4</sup>
- 1866 *Eurysa vittata* Fieber, Verh. Zool. Bot. Ges. Wien 16: 524. [n. sp.] England<sup>5</sup>
- 1866 *Delphax lineata* Bellevoye, Cat. Hémip. Moselle :142 (30) Spain<sup>6</sup>  
[Listed.]<sup>1</sup> Italy<sup>7</sup>
- 1866 *Eurysa* [sic] *vittata* Fieber, Verh. Zool. Bot. Ges. Wien 16: 532. Austria<sup>8</sup>  
[Listed.]<sup>1</sup> Portugal<sup>9</sup>
- 1867 *Eurysa lineata* Dallas, Zool. Rec. 3: 560. Equals *Delphax lineata* Belgium<sup>10</sup>  
Sign. Czechoslovakia<sup>11</sup>
- 1868 *Eurysa* [sic] *vittata* Kirschbaum, Cicad. Wiesbaden :40. [Com- British Isles<sup>12</sup>  
parative note.] Hungary<sup>13</sup>
- 1868 *Delphax quadrivittata* Kirschbaum, Cicad. Wiesbaden :40. [n. sp.]<sup>2</sup> Holland<sup>14</sup>
- 1870 *Liburnia lineata* Scott, Ent. Monthly Mag. 7: 29. [Key.] Central Europe<sup>15</sup>
- 1872 *Eurysa lineata* Fieber, Kat. Europäischen Cicad. :5. [Listed.]<sup>1,2,3</sup> Kaukasus<sup>16</sup>  
Equals *Eurysa trivittata* Fieb. Equals *Eurysa 4-vittata* Kirschb. Poland<sup>17</sup>
- 1872 *Eurysa vittata* Fieber, Verh. Zool. Bot. Ges. Wien 22: 29. Equals  
*Eurysa trivittata* Fieb. Equals *Delphax quadrivittata* Kirschb.
- 1874 *Delphax quadrivittata* Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 84.  
[Notes.]<sup>2</sup>
- 1875 *Eurysa lineata* Puton, Cat. Hémip. d'Europe 2 Ed. :118. [Listed.]<sup>1,2,12</sup> Equals  
*Eurysa vittata* Sign. Equals *Eurysa quadrivittata* Kirschb.
- 1876 *Liburnia lineata* Douglas and Scott, Cat. British Hemip. :69. [Listed.]<sup>12</sup> Equals  
*Delphax 4-vittata* Kirschb. Equals *Delphax lineata* Perr. Equals *Eurysa lineata* Fieb.
- 1877 *Eurysa lineata* Lethierry, Ann. Soc. Ent. Belgique 20: 42. [Listed.]<sup>1</sup>
- 1878 *Delphax lineata* Dale, History of Glanville's Wootton :305. [Listed.]<sup>6</sup>
- 1878 *Eurysa lineata* Fieber, Cicad. d'Europe Pt. 3: 305 (36). [Described.]<sup>1,2,3</sup> Equals  
*Delphax lineata* Perr. Equals *Delphax quadrivittata* Kirschb. Equals *Eurysa vittata*  
Fieb. Equals *Eurysa trivittata* Fieb.
- 1880 *Eurysa lineata* Chicote, An. Soc. España 9: 200 (16). [Listed.]<sup>6</sup>
- 1880 *Eurysa lineata* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 55. [Listed.]<sup>1</sup>
- 1882 *Eurysa lineata* Ferrari, Cicad. Agri Liguistici :90 (18). [Listed.]<sup>17</sup> Equals *Delphax*  
*lineata* Perr. Equals *Eurysa vittata* Sign. Equals *Delphax quadrivittata* Kirschb.
- 1884 *Eurysa lineata* Mayr, Tabellen :20. [Listed.]<sup>1,2,3</sup>
- 1886 *Eurysa lineata* Then, Kat. Österreichischen Cicad. 1886: 14. [Listed.]
- 1886 *Eurysa lineata* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>1,2,6,7,8,9,12</sup>  
Equals *Eurysa vittata* Sign. Equals *Eurysa quadrivittata* Kirschb.
- 1886 *Liburnia lineata* Capron, Ent. Monthly Mag. 22: 264. [Listed.]<sup>6</sup>
- 1886 *Liburnia lineata* Edwards, Syn. British Homop.-Cicadina Pt. 1: 90. [Described.]<sup>12</sup>  
Equals *Delphax lineata* Perr. Equals *Delphax quadrivittata* Kirschb. Equals *Eurysa*  
*vittata* Fieb. Equals *Eurysa lineata* Fieb. :61. [Key.]
- 1888 *Eurysa lineata* Dubois, Mém. Soc. Linn. Nord France 7: 155 (59). [Listed.]<sup>1</sup>

*Eurysa*

- 1889 *Liburnia lineata* Edwards, Trans. Nat. Soc. Norwich 4: 706. [Listed.]<sup>5</sup>  
 1890 *Eurysa lineata* Funk, Ber. Nat. Ges. Bamberg 15: 140. [Listed.]<sup>2</sup>  
 1890 *Liburnia lineata* Buckton, Mom. British Cicadae :66. [Synopsis.]  
 1890 *Liburnia lineata* Saunders and Edwards, Cat. British Hemiptera. 1890: 12 [Listed.]<sup>12</sup>  
 1890 *Liburnia lineata* Buckton, Mon. British Cicadae 2: 62; Pl. 17, Figs. 4, 4a. [Described, illustrated.]<sup>12</sup> Equals *Delphax lineata* Perr. Equals *Delphax quadrivittata* [sic] Kirschb. Equals *Eurysa vittata* Fieb.  
 1892 *Eurysa lineata* Carpentier and Dubois, Mém. Soc. Linn. Nord France 8: 432. [Listed.]<sup>1</sup>  
 1892 *Eurysa lineata* Cobeaux, Ann. Soc. Ent. Belgique 36: 34. (1). [Listed.]<sup>10</sup>  
 1892 *Eurysa lineata* Duda, Cat. Ins. Faunae Bohemicae :28. [Listed.]<sup>11</sup> Equals *Eurysa quadrivittata* Kirschb. Equals *Eurysa vittata* Fieb.  
 1892 *Eurysa lineata* Ferrari, Ann. Mus. Genova 12 (2): 569 (21). [Listed.]<sup>7</sup>  
 1894 *Liburnia lineata* Edwards, Hemip.-Homop. British Islands Pt. 2: Pl. 8, Fig. 3. [Illustrated.] :38. [Key.]  
 1894 *Liburnia lineata* Edwards, Trans. Nat. Soc. Norwich 5: 652. [Listed.]<sup>6</sup>  
 1894 *Eurysa lineata* Rey, Échange 10: 14. [Listed.]  
 1894 *Liburnia lineata* Edwards, Hemip.-Homop. British Islands Pt. 3: 70. [Described].<sup>12</sup>  
 1896 *Eurysa lineata* Melichar, Cicad. Mittel-Europa :67; Pl. IV, Figs. 31-35. [Described, illustrated.]<sup>2,8,11</sup> Equals *Liburnia lineata* Edw.  
 1897 *Eurysa lineata* Horváth, Fauna Regni Hungariae :56. [Listed.]<sup>13</sup>  
 1899 *Eurysa lineata* Melichar, Ent. Jahrb. 1899: (7). [Listed.]<sup>8</sup>  
 1899 *Eurysa lineata* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :107. [Listed.]<sup>1,2,6,7,8,9,12</sup> Equals *Eurysa vittata* Sign. Equals *Eurysa quadrivittata* Kirschb.  
 1899 *Eurysa lineata* Marchal, Bull. Soc. Hist. Nat. Autun 11: 589. [Listed.]<sup>1</sup>  
 1900 *Eurysa lineata* Fokker, Tijdschr. Ent. 42: 14. [Listed.]<sup>2</sup>  
 1901 *Eurysa lineata* Melichar, Ent. Jahrb. 1901: 56 (12). [Listed.]  
 1901 *Eurysa lineata* Lambertie, Act. Soc. Linn. Bordeaux 56: 216 (88). [Listed.]<sup>1</sup>  
 1902 *Eurysa lineata* Cobelli, Cicadine Trentino :9. [Listed.]<sup>7</sup>  
 1903 *Eurysa lineata* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 62 (22). [Listed.]<sup>7</sup>  
 1904 *Eurysa lineata* Hüeber, Jahresh. Ver. Vaterl. Nat. Württemberg 60: 269. [Listed.]<sup>2</sup> Equals *Eurysa quadrivittata* Kirschb. Equals *Eurysa vittata* Fieb.  
 1906 *Eurysa lineata* Matsumura, Schr. Nat. Ges. Danzig 11: 76. [Listed.]<sup>2</sup>  
 1907 *Eurysa lineata* Oshanin, Verz. Palaeark. Hemip. 2: 310. [Listed.]<sup>1,2,3,6,7,8,12,13</sup> Equals *Liburnia lineata* Scott. Equals *Delphax quadrivittata* Kirschb. Equals *Eurysa vittata* Fieb. Equals *Delphax lineata* Perr.  
 1908 *Eurysa lineata* Saunders and Edwards, Cat. British Hemiptera 1908: 15. [Listed.]<sup>12</sup>  
 1910 *Eurysia* [sic] *lineata* Lambertie, Misc. Ent. 18: 92. [Listed.]<sup>1</sup> Equals *Eurysia* [sic] *quadrivittata* Kirschb. Equals *Eurysia* [sic] *vittata* Fieb.  
 1910 *Eurysa lineata* MacGillavry, Ent. Berichten 3: 44. [Listed.]<sup>4</sup>  
 1912 *Eurysa lineata* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>15</sup> Equals *Eurysa quadrivittata* Kirschb. Equals *Eurysa vittata* Fieb.  
 1913 *Eurysa lineata* Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]<sup>8</sup>  
 1914 *Eurysa* [sic] *lineata* Melichar, Mitt. Kaukasischen Mus. 8: 133 (7). [Listed.]<sup>16</sup>  
 1915 *Eurysa lineata* Jensen-Haarup, Flora och Fauna 1915: 98. [Key.]  
 1916 *Eurysa lineata* Haupt, Zeits. Wiss. Insektenbiol. 12: 274. [Parasites.]  
 1916 *Eurysa lineata* Horváth, Ann. Mus. Nat. Hungarici 14: 16. [Comparative note.]  
 1920 *Eurysa lineata* Jensen-Haarup, Danmarks Fauna :31. [Key.]  
 1927 *Eurysa lineata* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 143. [Listed.]<sup>1</sup>  
 1935 *Eurysa lineata* Halbert, Proc. R. Irish Acad. 42 (Sect. B) :310. [Listed.]<sup>4</sup>  
 1935 *Eurysa lineata* Haupt, Tierwelt Mitteleuropas 4 (3): 138; Fig. 229. [Key, illustrated.]<sup>15</sup>  
 1935 *Eurysa lineata* Rapp, Beiträge zur Fauna Thüringens 1: 50. [Listed.]<sup>2</sup>  
 1937 *Eurysa lineata* Kuntze, Arch. Nat. (n. f.) 6: 355. [Listed.] Equals *Liburnia quadrivittata* Kirschb.  
 1938 *Eurysa lineata* Nast, Fragm. Faun. Mus. Zool. Polonici 3: 232 (8). [Listed.]<sup>17</sup>  
 1939 *Eurysa lineata* China, Ent. Monthly Mag. 75: 42. [Key.]



*lineata* var. *livens* Rey

- 1894 *Eurysa lineata livens* Rey, Échange 10: 14. [n. var.] France<sup>1</sup>  
 1910 *Eurysa lineata livens* Oshanin, Ann. Mus. Zool. St. Petersburg 15: 185. [Listed.]<sup>1</sup>  
 1912 *Eurysa lineata livens* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>1</sup>

*lineata* var. *macroptera* Graeffe [nom. nud.]

- 1903 *Eurysa lineata macroptera* Graeffe, Boll. Soc. Adriatica Sci. Nat. Italy<sup>1</sup>  
 Trieste 21: 62 (22). [Listed.]<sup>1</sup> [nom. nud.]

*livens* Rey (var.). See *Eurysa lineata* var. *livens* Rey.

*lurida* Fieber

- 1866 *Eurysa lurida* Fieber, Verh. Zool. Bot. Ges. Wien 16: 523, Pl. 8, France<sup>1</sup>  
 Fig. 9. [n. sp., illustrated.]<sup>1</sup> :520. [Listed.] Austria<sup>2</sup>  
 1866 *Eurysa* [sic] *lurida* Fieber, Verh. Zool. Bot. Ges. Wien. 16: 532. Germany<sup>3</sup>  
 [Listed.] Tunisia<sup>4</sup>  
 1871 *Atropis laevifrons* Sahlberg, Not. Fennica (n. s.) 9 (12): 484. Finland<sup>6</sup>  
 [n. sp.]<sup>5</sup> :30, 34. [Ecology.] :58. [Listed.]<sup>5</sup> Scandinavia<sup>5</sup>  
 1872 *Eurysa lurida* Fieber, Kat. Europäischen Cicad. :5. [Listed.]<sup>1</sup> Hungary<sup>7</sup>  
 1872 *Metropis laevifrons* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>5</sup> Russia<sup>8</sup>  
 1875 *Metropis laevifrons* Puton, Cat. Hémip. d'Europe 2 Ed. :122. Netherlands<sup>9</sup>  
 [Listed.]<sup>9</sup> England<sup>10</sup>  
 1875 *Eurysa lurida* Puton, Cat. Hémip. d'Europe 2 Ed. :118. [Listed.]<sup>1</sup> Southern  
 1878 *Eurysa lurida* Fieber, Cicad. d'Europe Pt. 3: 303 (34). [De- France<sup>11</sup>  
 scribed.]<sup>1</sup> Great Britain<sup>12</sup>  
 1886 *Eurysa lurida* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :72. Europe<sup>13</sup>  
 [Listed.]<sup>1</sup>  
 1886 *Metropis laevifrons* Puton, Cat. Hémip. Fauna Paléarctique 3 Ed. :74. [Listed.]<sup>8</sup>  
 1896 *Eurysa brunnea* Melichar, Cicad. Mittel-Europa :68. [n. sp.]<sup>2</sup> :67 [Key.]  
 1896 *Stiroma ruficeps* Melichar, Cicad. Mittel-Europa :103; Pl. 6, Figs. 24–25. [n. sp.,  
 illustrated.]<sup>3</sup> :100. [Key.]  
 1897 *Stiroma ruficeps* Horváth, Fauna Regni Hungariae :57. [Listed.]  
 1899 *Eurysa brunnea* Melichar, Wien Ent. Zeit. 18: 181. [Listed.]<sup>4</sup>  
 1899 *Eurysa brunnea* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :107. [Listed.]<sup>2, 3</sup>  
 1899 *Eurysa lurida* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :107. [Listed.]<sup>1</sup>  
 1899 *Stiroma ruficeps* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :109. [Listed.]<sup>2, 3</sup>  
 1899 *Metropis laevifrons* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :109. [Listed.]<sup>5, 8</sup>  
 1902 *Metropis laevifrons* Matsumura, Allg. Zeits. Ent. 7: 46; Fig. 4. [Illustrated.]  
 1903 *Metropis laevifrons* Horváth, Ann. Mus. Nat. Hungarici 1: 558. Equals *Stiroma*  
*ruficeps* Mel. Equals *Atropis laevifrons* Sahlb.  
 1904 *Eurysa brunnea* Hübner, Jahresh. Ver. Vaterl. Nat. Württemberg 60: 269. [Listed.]<sup>3</sup>  
 1904 *Stiroma ruficeps* Hübner, Jahresh. Ver. Vaterl. Nat. Württemberg 60: 270. [Listed.]<sup>3</sup>  
 1906 *Metropis laevifrons* Matsumura, Schr. Nat. Ges. Danzig 11: 76. [Listed.]<sup>3</sup> Equals  
*Metropis ruficeps* Mel.  
 1907 *Eurysa lurida* Oshanin, Verz. Palaeark. Hemip. 2 (2): 310. [Listed.]<sup>1</sup>  
 1907 *Eurysa brunnea* Oshanin, Verz. Palaeark. Hemip. 2 (2): 310. [Listed.]<sup>2, 4</sup>  
 1907 *Metropis laevifrons* Horváth, Ann. Mus. Nat. Hungarici 5: 504. [Listed.]<sup>7</sup>  
 1907 *Metropis laevifrons* Oshanin, Cat. Homop. St. Pétersbourg 1907: 247 (35). [Listed.]<sup>8</sup>  
 Equals [*Metropis*] *ruficeps* Mel.  
 1907 *Metropis laevifrons* Oshanin, Verz. Palaeark. Hemip. 2 (2): 232. [Listed.]<sup>2, 3, 5, 7, 8</sup>  
 Equals *Atropis laevifrons* Sahlb. Equals *Stiroma ruficeps* Mel.  
 1911 *Eurysa brunnea* Haupt, Int. Ent. Zeits. 5: 325. [Parasites.]  
 1911 *Metropis lurida* Haupt, Int. Ent. Zeits. 5: 325. Equals *Eurysa lurida* Fieb.  
 1912 *Metropis laevifrons* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>2, 3, 5, 7, 8</sup> Equals  
*Metropis ruficeps* Mel.



*Eurysa*

- 1912 *Eurysa lurida* Haupt, Berliner Ent. Zeit. 56: 194, Figs. 11a-c. [Described, illustrated.]<sup>3</sup> Equals *Eurysa brunnea* Mel.
- 1912 *Eurysa lurida* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>1,2,3,4</sup> Equals *Eurysa brunnea* Mel.
- 1916 *Eurysa lurida* Haupt, Zeits. Wiss. Insektenbiol. 12: 203; Fig. 4. [Parasites, illustrated.]
- 1921 *Stiroma ruficeps* Lallemand, Bull. Soc. Ent. France 1921: 224. [Note.]
- 1922 *Metopis laevifrons* MacGillavry, Ent. Berichten 6: 69. [Notes.]<sup>9</sup> Equals *Stiroma ruficeps* Mel.
- 1924 *Metopis laevifrons* Lindberg, Acta Soc. Fauna Flora Fennica 56: 40. [Notes.]<sup>6</sup> :46. [Listed.]<sup>5</sup>
- 1926 *Eurysa lurida* Blöte, De Levende Natuur. 4: 112; Fig. 5. [Illustrated.]
- 1928 *Eurysa lurida* Ivanov, Mem. Acad. Sci. Ukraine 6: 197. [Listed.]<sup>8</sup>
- 1928 *Eurysa lurida* Ivanov, Trav. Mus. Zool. 1928: 501. [Listed.]<sup>8</sup>
- 1934 *Eurysa lurida* Haupt, Märkische Tierwelt 1: 48 (8). [Food plants.]<sup>3</sup>
- 1935 *Eurysa lurida* Haupt, Tierwelt Mitteleuropas 4 (3): 137; Fig. 228. [Key, illustrated.] Equals [*Eurysa*] *brunnea* Mel.<sup>2,3,4,7</sup>
- 1937 *Eurysa lurida* Lindberg, Not. Ent. 17: 60. [Described.]<sup>13</sup> Equals *Eurysa brunnea* Mel. Equals *Atropis laevifrons* Sahlb. Equals *Stiroma ruficeps* Mel.
- 1937 *Eurysa lurida* Kuntze, Arch. Nat. (n. f.) 6: 310, 312, 341, 355. [Ecology.]<sup>3</sup>
- 1939 *Eurysa lurida* Lindberg, Acta Zool. Fennica 22: 156. [Effects of parasitism.]
- 1939 *Eurysa lurida* China, Ent. Monthly Mag. 75: 41. [Notes.]<sup>6</sup> :42; Fig. 2d. [Described, illustrated, key.]<sup>2,3,4,7,11,12</sup> Equals *Eurysa brunnea* Mel.

*macroptera* Graeffe (var.). See *Eurysa lineata* var. *macroptera* Graeffe.

**maculiceps** Horváth

- 1903 *Eurysa maculiceps* Horváth, Ann. Mus. Nat. Hungarici 1: 475. Hungary<sup>1</sup>  
[n. sp.]<sup>1</sup>
- 1907 *Eurysa maculiceps* Horváth, Ann. Mus. Nat. Hungarici 5: 504. [Listed.]<sup>1</sup>
- 1907 *Eurysa maculiceps* Oshanin, Verz. Palaeark. Hemip. 2 (2): 311. [Listed.]<sup>1</sup>
- 1912 *Eurysa maculiceps* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>1</sup>
- 1935 *Eurysa maculiceps* Haupt, Tierwelt Mitteleuropas 4 (3): 138. [Key.]<sup>1</sup>

**magnifrons** Crawford

- 1914 *Megamelus magnifrons* Crawford, Mon. Delphacidae :614; Pl. 48, Colorado<sup>1</sup>  
Figs. J, O. [n. sp., illustrated.]<sup>1</sup> :606. [Key.] Western States<sup>2</sup>
- 1914 *M[egamelus] magnifrons* Crawford, Mon. Delphacidae :614. [Com- California<sup>3</sup>  
parative note.]
- 1916 *Liburnia magnifrons* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>2</sup>
- 1916 *Liburnia magnifrons* Van Duzee, Tech. Bull. Univ. California Agr. Exp. Sta. 1:  
248. [Listed.]<sup>3</sup>
- 1917 *Liburnia magnifrons* Van Duzee, Cat. Hemip. America :778. [Listed.]<sup>1,3</sup> Equals  
*Megamelus magnifrons* Crawf.
- 1917 [*Liburnia*] *magnifrons* Van Duzee, Proc. California Acad. Sci. 7: 317. [Comparative  
note.]
- 1924 *Eurysa magnifrons* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 8; Pl. 4,  
Figs. 52, 53. [Described, illustrated.]<sup>1</sup> Equals *Megamelus magnifrons* Crawf.

*nawae*. Typographical error for *Eurysa nawaii* Matsumura. See *Epeurysa nawaii* Matsumura.  
*nawaii* Matsumura. See *Epeurysa nawaii* Matsumura.

*nervata* Van Duzee. See *Phyllodinus nervatus* Van Duzee

**nigrocacuminis** Muir

- 1926 *Eurysa nigrocacuminis* Muir, Ann. Mag. Nat. Hist. (9) 17: 22; Figs. Cape Province<sup>1</sup>  
11, 12. [n. sp., illustrated.]<sup>1</sup> Natal<sup>2</sup>

- 1929 *Eurysa nigroacuminis* Muir, Ann. Mag. Nat. Hist. (10) 4: 189.  
[Notes.]<sup>1,2</sup>

### **pullata** Muir

- 1926 *Eurysa pullata* Muir, Ann. Mag. Nat. Hist. (9) 17: 20; Figs. 9, 10. Cape Province<sup>1</sup>  
[n. sp., illustrated]<sup>1</sup>  
1929 *Eurysa pullata* Muir, Ann. Mag. Nat. Hist. (10) 4: 190. [Listed.]<sup>1</sup>

*pyrenaea*. Typographical error for *Eurysa pyrenaea* Fieber.

*pyrenaica*. Typographical error for *Eurysa pyrenaea* Fieber.

### **pyrenaea** Fieber

- 1866 *Eurysa pyrenaea* Fieber, Verh. Zool. Bot. Ges. Wien 16: 524. France<sup>1</sup>  
[n. sp.]<sup>1</sup> Spain<sup>2</sup>  
1866 *Eurysa pyrenaica* [sic] Fieber, Verh. Zool. Bot. Ges. Wien 16: 520. [Listed.]  
1886 *Eurysa* [sic] *pyrenaica* [sic] Fieber, Verh. Zool. Bot. Ges. Wien 16: 532. [Listed.]  
1867 *Eurysa pyrenaica* [sic] Dallas, Zool. Rec. 3: 560. Equals *Delphax pyrenaica* [sic] Fieb.  
1872 *Eurysa pyrennaea* [sic] Fieber, Kat. Europäischen Cicad. :5. [Listed.]<sup>1,2</sup>  
1875 *Eurysa pyrenaica* [sic] Puton, Cat. Hémipt. d'Europe 2 Ed. :118. [Listed.]<sup>1</sup>  
1878 *Eurysa pyrenaica* [sic] Fieber, Cicad. d'Europe Pt. 3: 306 (37). [Described.]<sup>1</sup>  
1880 *Eurysa pyrenaica* [sic] Chicote, An. Soc. España 9: 200 (16). [Listed.]<sup>2</sup>  
1886 *Eurysa pyrenaica* [sic] Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>1</sup>  
1892 *Eurysa pyrenaica* [sic] Horváth, Rev. Ent. 11: 133. [Listed.]<sup>1</sup>  
1894 *Eurysa pyrenaica* [sic] Rey, Échange 10: 14. [Listed.]  
1897 *Eurysa pyrenaica* [sic] Horváth, Term. Füzetek 20: 622. [Comparative note.]  
1899 *Eurysa pyrenaica* [sic] Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :107. [Listed.]<sup>1</sup>  
1907 *Eurysa pyrenaica* [sic] Oshanin, Verz. Palaeark. Hemipt. 2 (2): 310. [Listed.]<sup>1</sup>  
1912 *Eurysa pyrenaica* [sic] Oshanin, Kat. Paläark. Hemipt. :118. [Listed.]<sup>1</sup>

### **pyrenaea** var. **dimidiata** Rey

- 1891 *Eurysa pyrenaica* [sic] *dimidiata* Rey, Rev. Ent. 10: 243. [n. var.]<sup>1</sup> France<sup>1</sup>  
1894 *Eurysa pyrenaica* [sic] *dimidiata* Rey, Échange 10: 14. [Described.]<sup>1</sup>  
1899 *Eurysa pyrenaica* [sic] *dimidiata* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :107.  
[Listed.]  
1907 *Eurysa pyrenaica* [sic] *dimidiata* Oshanin, Verz. Palaeark. Hemipt. 2 (2): 310. [Listed.]<sup>1</sup>  
1912 *Eurysa pyrenaica* [sic] *dimidiata* Oshanin, Kat. Paläark. Hemipt. :118. [Listed.]

*pyrennaea*. Typographical error for *Eurysa pyrenaea* Fieber.

*quadrivittata* Kirschbaum. See *Eurysa lineata* Perris

### **ribauti** Lindberg

- 1936 *Eurysa ribauti* Lindberg, Comm. Biol. 4 (9): 18; Fig. 5i. [n. sp.,  
illustrated.]<sup>1</sup> :2. [Listed.]<sup>1</sup> Canary Islands<sup>1</sup>

### **semifrons** Muir

- 1929 *Eurysa semifrons* Muir, Ann. Mag. Nat. Hist. (10) 4: 189. [n. sp.]<sup>1</sup> Cape Province<sup>1</sup>

### **transbaicalica** Kusnezov

- 1929 *Eurysa transbaicalica* Kusnezov, Wien. Ent. Zeit. 46: 158. [n. sp.]<sup>1</sup> Turkestan<sup>1</sup>

*trivittata* Fieber. See *Eurysa lineata* Perris.

### **turneri** Muir

- 1926 *Columbiana turneri* Muir, Ann. Mag. Nat. Hist. (9) 17: 19; Figs. 5, 6. [n. sp., illustrated.]<sup>1,2</sup> South Africa<sup>1</sup>  
Cape Province<sup>2</sup>

*Eurysa—Columbisoga*

- 1929 *Eurysa turneri* Muir, Ann. Mag. Nat. Hist. (10) 4: 188. [Notes.]<sup>1,2,3</sup> Natal<sup>3</sup>  
 Equals *Colombiana turneri* Muir.

*vittata* Fieber. See *Eurysa lineata* Perris.

## Genus COLUMBISOGA Muir

Orthotype *Columbisoga campbelli* [n. sp.] Muir, Proc. Hawaiian Soc. 4: 483.

- Columbisoga 1921 Muir, Proc. Hawaiian Ent. Soc. 4: 483. [gen. n.]  
 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 9. [Notes.]  
 1926 Muir, Ann. Mag. Nat. Hist. (9) 17: 19. [Comparative note.]  
 1927 Schulze, Kükenthal and Heider, Nomenclator animalium 2 (7): 765.  
 [Listed.]  
 1939 Neave, Nomenclator Zoologicus 1: 806. [Listed.]

*campbelli* Muir

- 1921 *Columbisoga campbelli* Muir, Proc. Hawaiian Ent. Soc. 4: 483; South India<sup>1</sup>  
 Figs. 1, 2, 3. [n. sp., illustrated.]<sup>1</sup>  
 1926 *Columbisoga campbelli* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 9. [Comparative  
 note.]

*chusqueae* Muir

- 1926 *Columbisoga chusqueae* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: Ecuador<sup>1</sup>  
 13; Pl. 1, Fig. 25. [n. sp., illustrated.]<sup>1</sup>

*filistylus* Muir

- 1930 *Columbisoga filistylus* Muir, Ent. Tidskr. 51: 212; Fig. 8. [n. sp., Bolivia<sup>1</sup>  
 illustrated.]<sup>1</sup>

*gynerii* Muir

- 1926 *Columbisoga gynerii* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 9; Ecuador<sup>1</sup>  
 Pl. 1, Figs. 10, 11. [n. sp., illustrated.]<sup>1</sup>

*gynericola* Muir

- 1926 *Columbisoga gynericola* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: Ecuador<sup>1</sup>  
 11; Pl. 1, Figs. 17, 18. [n. sp., illustrated.]<sup>1</sup> :9. [Comparative note.]

*maculosa* Muir

- 1926 *Columbisoga maculosa* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: Ecuador<sup>1</sup>  
 11; Pl. 1, Figs. 15, 16. [n. sp., illustrated.]<sup>1</sup> :12. [Comparative  
 note.]

*merae* Muir

- 1926 *Colombisoga merae* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 10; Ecuador<sup>1</sup>  
 Pl. 1, Fig. 13. [n. sp., illustrated.]<sup>1</sup> :9, 11, 12. [Comparative note.]

*ornata* Muir

- 1926 *Columbisoga ornata* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 10; Ecuador<sup>1</sup>  
 Pl. 1, Fig. 12. [n. sp., illustrated.]<sup>1</sup>

*sacchari* Muir

- 1926 *Columbisoga sacchari* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: Ecuador<sup>1</sup>  
 11; Pl. 1, Fig. 14. [n. sp., illustrated.]<sup>1</sup> :9, 12. [Comparative note.]

**singaporensis** Muir

- 1919 *Stenocranus* (?) *singaporensis* Muir, Philippine Jour. Sci. **15**: 529; Malay Peninsula<sup>1</sup>  
Pl. I. Fig. 8. [n. sp., illustrated.]<sup>1</sup>
- 1926 *Columbisoga singaporensis* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 11. [Listed.] Equals *Stenocranus singaporensis* Muir.

**taiwanensis** Muir

- 1917 *Stenocranus* (?) *taiwanensis* Muir, Proc. Hawaiian Ent. Soc. **3**: Formosa<sup>1</sup>  
323; Pl. 6. Fig. 44. [n. sp., illustrated.]<sup>1</sup>
- 1919 *Stenocranus* (?) *taiwanensis* Muir, Philippine Jour. Sci. **15**: 529. [Comparative note.]
- 1926 *Columbisoga taiwanensis* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 11. [Listed.]  
Equals *Stenocranus taiwanensis* Muir.
- 1926 *Columbisoga taiwanensis* Muir, Trans. Ent. Soc. London **1926**: 378; Pl. 87, Fig. 8.  
[Morphology of the aedeagus, illustrated.]

**tenae** Muir

- 1926 *Columbisoga tenae* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 12; Ecuador<sup>1</sup>  
Pl. 1, Figs. 22, 23, 24. [n. sp., illustrated.]<sup>1</sup>

**zapote** Muir

- 1926 *Columbisoga zapote* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 12; Ecuador<sup>1</sup>  
Pl. 1, Figs. 19, 20, 21. [n. sp., illustrated.]<sup>1</sup> :9. [Comparative note.]

Genus **COLUMBIANA** Muir

Haplotype *Columbiana lloydi* [n. sp.] 1919 Muir, Canadian Ent. **51**: 35.

- Columbiana* 1919 Muir, Canadian Ent. **51**: 35. [gen. n.]
- 1920 Muir, Proc. Hawaiian Ent. Soc. **4**: 483. [Comparative note.]
- 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 4. [Key.] :6.  
[Comparative note.]
- 1926 Muir, Ann. Mag. Nat. Hist. (9) **17**: 19. [Notes.]
- 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 9. [Comparative note.]
- 1927 Schulze, Kükenthal and Heider, Nomenclator animalium **2** (7): 765.  
[Listed.]
- 1939 Neave, Nomenclator Zoologicus **1**: 806. [Listed.]

**lloydi** Muir

- 1919 *Columbiana lloydi* Muir, Canadian Ent. **51**: 35; Figs. 6, 6a, 7, 7a. Columbia<sup>1</sup>  
[n. sp., illustrated.]<sup>1</sup>
- 1926 *Columbiana lloydi* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 37. [Listed.]
- turneri* Muir. See *Euryssa turneri* Muir.

Tribe **ARAEOPINI** Metcalf

- Delphacini* 1910 Lambertie, Act. Soc. Linn. Bordeaux **56**: (91). *Tribe*. [List of genera  
and species of southeastern France.]
- Delphacini* 1913 Melichar, Faune Walouyki Russie **7**: 5. *Tribe*. [Listed.]
- Delphacini* 1915 Muir, Canadian Ent. **47**: 269. *Tribe*. [Key.] :296. [Key to genera.]
- Delphacini* 1916 Muir, Philippine Jour. Sci. **11**: 377. [New genera and species from the  
Philippines.]
- Delphacini* 1916 Muir, Proc. Hawaiian Ent. Soc. **3**: 202. *Tribe*. [Note.]
- Delphacini* 1921 Muir, Proc. Hawaiian Ent. Soc. **4**: 485. [New species from South India.]  
:509. [List of species from the Hawaiian Islands.]



## Araeopini—Micromasoria

- Delphacini* 1922 Giffard, Proc. Hawaiian Ent. Soc. 5: 109. [List. of Hawaiian species.]  
*Delphacini* 1923 Muir, Proc. Hawaiian Ent. Soc. 5: 224. *Tribe*. [Key.]  
*Delphacini* 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 4. [Key to American genera.]  
*Delphacini* 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 13. [New genera and species from South America.]  
*Delphacini* 1926 Muir, Ann. Mag. Nat. Hist. (9) 17: 23. [New genera and species from South Africa.]  
*Delphacines* 1926 Rémy-Perrier, Homop. Faune France 4: 89. *Tribe*. [Key to genera, key.] :90. [Key to species.]  
*Megamelinae* 1929 Haupt, Cong. Int. Zool. 10: 1073. [Taxonomy.]  
*Megamelinae* 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 208. *Subfamily*. [Key.]  
*Delphacini* 1929 Muir, Ann. Mag. Nat. Hist. (10) 4: 191. [Listed.] :186. [Food plants.]  
*Megamelinae* 1930 Muir, Ann. Mag. Nat. Hist. (10) 6: 468. *Subfamily*. [Note.]  
*Delphacini* 1930 Muir, Ann. Mag. Nat. Hist. (10) 6: 468. *Tribe*. [Key.]  
*Delphacini* 1930 Muir, Ent. Tidskr. 51: 213. [Listed.]  
*Delphacini* 1934 Muir, Ann. Mag. Nat. Hist. (10) 14: 576. [Listed.]  
*Delphacinae* 1935 Haupt, Tierwelt Mitteleuropas 4 (3) :129. *Subfamily*. [Key.] :135. [Key to European genera and species.]  
*Megamelinae* 1935 Haupt, Tierwelt Mitteleuropas 4 (3) :129. *Subfamily*. [Key.] :132. [Key to European genera and species.]  
Araeopini 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. 82: 299. *Tribe*. [Described.]

## Genus MICROMASORIA Kirkaldy

Haplotype [*Cona caelata* 1904 Kirkaldy, Entomologist 37: 279.]

Type *Micromasoria celata* [sic] 1915 Muir, Canadian Ent. 47: 265.

[*Cona* White]

[Haplotype *Cona caelata* [n. sp.] 1879 White, Ent. Monthly Mag. 15: 218.]

[Type *Cona celata* [sic] 1915 Muir, Canadian Ent. 47: 262.]

- Cona* 1879 White, Ent. Monthly Mag. 15: 218. [gen. n.]  
 1882 Scudder, Nomenclator Zoologicus. Suppl. List :82. [Listed.]  
 1882 Scudder, Nomenclator Zoologicus. Univ. Index :76. [Listed.]  
 1898 Hutton, Trans. New Zealand Inst. 30: 185. [Key.]  
 1904 Hutton, Index Faunae Novae Zealandiae :225. [Listed.]  
*Micromasoria* 1904 Kirkaldy, Entomologist 37: 279. Nom. nov. for *Cona* White  
 1909 Kirkaldy, Trans. New Zealand Inst. 41: 29. [Listed.] Equals *Cona* White  
 1912 Waterhouse, Index Zool. II; 177. [Listed.]  
 1915 Muir, Canadian Ent. 47: 265. [Listed.] Equals *Cona* White. :296. [Key.] :212. [Listed.]  
*Cona* 1915 Muir, Canadian Ent. 47: 262. To *Micromasoria* Kirk.  
*Micromasoria* 1923 Muir, Trans. New Zealand Inst. 54: 257. [Comparative note.]  
*Cona* 1927 Schulze, Kükenthal and Heider, Nomenclator animalium 2 (7) :771. [Listed.]  
*Micromasoria* 1928 Jacobi, Mjöberg's Exp. Australia :44. [Note.]  
 1931 Schulze, Kükenthal and Heider, Nomenclator animalium 3 (15) :2086. [Listed.] Equals *Cona* White.  
*Cona* 1939 Neave, Nomenclator Zoologicus 1: 812. [Listed.]  
*Micromasoria* 1940 Neave, Nomenclator Zoologicus 3: 159. [Listed.]

**caelata** White

- 1879 *Cona caelata* White, Ent. Monthly Mag. 15: 218. [n. sp.]<sup>1</sup> New Zealand<sup>1</sup>  
 1898 *Cona caelata* Hutton, Trans. New Zealand Inst. 30: 187 [Described.]<sup>1</sup>  
 1904 *Cona caelata* Hutton, Index Faunae Novae Zealandiae :225. [Listed.]<sup>1</sup>  
 1909 *Micromasoria caelata* Kirkaldy, Trans. New Zealand Inst. 41: 29. [Listed.]<sup>1</sup>  
 1915 *Micromasoria celata* [sic] Muir, Canadian Ent. 47: 265. Equals *Cona celata* [sic] White.  
 1923 *M[icromasoria] caelata* Muir, Trans. New Zealand Inst. 54: 257. [Comparative note.]  
 1926 *Micromasoria caelata* Tillyard, Ins. Australia and New Zealand 1926: 166; Fig. Q30. [Notes, illustrated.]<sup>1</sup>  
 1928 *Livatis celata* [sic] Jacobi, Mjöberg's Exp. Australia :43. [Comparative note.]

*celata*. Typographical error for *Micromasoria caelata* White.

**raouli** Muir

- 1923 *Micromasoria raouli* Muir, Trans. New Zealand Inst. 54: 257. Raoul Island [n. sp.]<sup>1</sup> (Pacific Ocean)<sup>1</sup>

Genus **LIVATIS** Stål

Haplotype *Delphax annulipes* 1859 Stål, Freg. Eugenies Resa 4: 274.

Type *Livatis annulipes* 1915 Muir, Canadian Ent. 47: 265.

- Livatis* 1859 Stål, Freg. Eugenies Resa 4: 274. [gen. n.]  
*Delphax* 1859 Dohrn, Cat. Hemip. :61. [Listed.] [nec Fabricius] [in part]  
*Livatis* 1866 Stål, Hemip. Africana 4: 176. [Key.]  
 1873 Marschall, Nomenclator Zoologicus 1873: 370. [Listed.]  
 1882 Scudder, Nomenclator Zoologicus. Univ. Index :179. [Listed.]  
 1889 Ashmead, Ent. Americana 5: 26. [Key.]  
 1915 Muir, Canadian Ent. 47: 212, 265. [Listed.] :296. [Key.]  
 1928 Jacobi, Mjöberg's Exp. Australia :44. [Note.]  
 1930 Muir, Ent. Tidskr. 51: 207. [Comparative note.]  
 1931 Muir, Rec. Australian Mus. 18: 69. [Comparative note.]  
 1931 Schulze, Kükenthal and Heider, Nomenclator animalium 3 (14) :1878. [Listed.]  
 1939 Neave, Nomenclator Zoologicus 2 :979. [Listed.]

**annulipes** Stål

- 1854 *Delphax annulipes* Stål, Öfv. Svenska Vet. Akad. Förh. 11: 245. Guam [n. sp.]<sup>1</sup> (Micronesia)<sup>1</sup>  
 1859 *Livatis annulipes* Stål, Freg. Eugenies Resa 4: 275; Pl. 4, Fig. 3. [Described, illustrated.]<sup>1</sup> Equals *Delphax annulipes* Stål.  
 1859 *Delphax annulipes* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup>  
 1928 *Livatis annulipes* Jacobi, Mjöberg's Exp. Australia :43. [Comparative note.]

**brevifrons** Jacobi

- 1928 *Livatis brevifrons* Jacobi, Mjöberg's Exp. Australia :43. [n. sp.]<sup>1</sup> Queensland<sup>1</sup>  
*celata* Typographical error for *Livatis caelata* White. See *Micromasoria caelata* White.

**longifrons** Jacobi

- 1928 *Livatis longifrons* Jacobi, Mjöberg's Exp. Australia :44. [n. sp.]<sup>1</sup> Australia<sup>1</sup>

Genus **PARANDA** Melichar

Haplotype *Paranda globiceps* [n. sp.] 1903 Melichar, Homop.-Fauna Ceylon :92.

*Paranda—Eodelphax*

Type *Paranda globiceps* 1906 Distant, Fauna British India 3: 466.

Type *Paranda globiceps* 1915 Muir, Canadian Ent. 47: 266.

- Paranda 1903 Melichar, Homop.-Fauna Ceylon :92. [gen. n.] :225. [Listed.]  
 1906 Distant, Fauna British India 3: 466. [Described.] :465. [Key.]  
 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 123. [Morphology.]  
 1912 Waterhouse, Index Zool. II: 215. [Listed.]  
 1913 Muir, Proc. Hawaiian Ent. Soc. 2: 239. [Comparative note.]  
 1915 Muir, Canadian Ent. 47: 212, 266. [Listed.] :296. [Key.]  
 1933 Schulze, Kükenthal and Heider, Nomenclator animalium 4 (18) :2507.  
 [Listed.]  
 1940 Neave, Nomenclator Zoologicus 3: 582. [Listed.]

**globiceps** Melichar

- 1903 *Paranda globiceps* Melichar, Homop.-Fauna Ceylon :93; Pl. 3, Ceylon<sup>1</sup>  
 Figs. 10, 10a. [n. sp., illustrated.]<sup>1</sup> :225. [Listed.]  
 1906 *Paranda globiceps* Distant, Fauna British India 3: 466; Fig. 253. [Described, illustrated.]<sup>1</sup>  
 1930 *Paranda globiceps* Muir, Treubia 12: 30. [Listed.]

Genus **EODELPHAX** Kirkaldy

Orthotype *Eodelphax serendiba* [n. sp.] 1901 Kirkaldy, Entomologist 34: 39.

Type *Eodelphax serendiba* 1906 Distant, Fauna British India 3: 490.

Type *Eodelphax serendiba* 1915 Muir, Canadian Ent. 47: 263.

[*Eudelphax* Melichar]

[Haplotype *Eudelphax setulosus* [n. sp.] 1903 Melichar, Homop.-Fauna Ceylon :32.]

[Type *Eudelphax setulosus* 1915 Muir, Canadian Ent. 47: 263.]

- Eodelphax 1901 Kirkaldy, Entomologist 34: 39. [gen. n.]  
*Eudelphax* 1903 Melichar, Homop.-Fauna Ceylon :32. [gen. n.] :223. [Listed.]  
 Eodelphax 1905 Kirkaldy, Wien. Ent. Zeit. 24: 266. [Notes.] Equals *Eudelphax* Mel.  
 1906 Distant, Fauna British India 3: 474. [Comparative note.] :490. [Described.] Equals *Eudelphax* Mel. :466. [Listed.]  
 1912 Waterhouse, Index Zool. II :95. Listed.  
*Eudelphax* 1912 Waterhouse, Index Zool. II :102. Listed.  
 Eodelphax 1915 Muir, Canadian Ent. 47: 263. [Listed.] Equals *Eudelphax* Mel. :212.  
 [Listed.] :296. [Key.]  
*Eudelphax* 1915 Muir, Canadian Ent. 47: 263. To *Eodelphax* Kirk.  
 1925 Muir, Pan-Pacific Ent. 1: 160. [Notes.]  
 Eodelphax 1929 Schulze, Kükenthal and Heider, Nomenclator animalium 2 (10) :1155.  
 [Listed.]  
*Eudelphax* 1929 Schulze, Kükenthal and Heider, Nomenclator animalium 2 (10) :1224.  
 [Listed.]  
 Eodelphax 1939 Neave, Nomenclator Zoologicus 2: 247. [Listed.]

**serendiba** Kirkaldy

- 1901 *Eodelphax serendiba* Kirkaldy, Entomologist 34: 40. [n. sp.]<sup>1</sup> Ceylon<sup>1</sup>  
 1903 *Eudelphax setulosus* Melichar, Homop.-Fauna Ceylon :32; Pl. 1,  
 Fig. 6. [n. sp., illustrated.]<sup>1</sup> :223. [Listed.]<sup>1</sup>

- 1905 *Eodelphax serendiba* Kirkaldy, Wien. Ent. Zeit. 24: 266. Equals *Eudelphax setulosus* Mel.  
 1906 *Eodelphax serendiba* Distant, Fauna British India 3: 491. [Described.] Equals *Eudelphax setulosus* Mel.  
 1915 *Eodelphax serendiba* Muir, Canadian Ent. 47: 263. Equals *Eudelphax setulosus* Mel.  
 1925 *Eodelphax serendiba* Muir, Pan-Pacific Ent. 1: 160. Equals *Eudelphax setulosus* Mel.

Genus **AMBLYCOTIS** Stål

Haplotype *Amblycotis laticeps* [n. sp.] 1855 Stål, Öfv. Svenska Vet. Akad. Förh. 12: 93.

Type *Amblycotis laticeps* 1915 Muir, Canadian Ent. 47: 261.

Type *Amblycotis laticeps* 1925 Muir, Canadian Ent. 57: 279.

- Amblycotis* 1853 Stål, Öfv. Svenska Vet. Akad. Förh. 10: 265. [gen. n.]  
 1855 Stål, Öfv. Svenska Vet. Akad. Förh. 12: 93. [Listed.]  
 1859 Dohrn, Cat. Hemip. :62. [Listed.]  
 1859 Stål, Berliner Ent. Zeit. 3: 327. [Comparative note.]  
 1866 Stål, Hemip. Africana 4: 177. [Described.] :176 [Key.]  
 1873 Marschall, Nomenclator Zoologicus 1873: 352. [Listed.]  
 1882 Scudder, Nomenclator Zoologicus. Univ. Index :13. [Listed.]  
 1889 Ashmead, Ent. Americana 5: 26. [Key.]  
*Amblycoti* [sic] 1897 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 244. [Comparative note.]  
*Amblycotis* 1914 Crawford, Mon. Delphacidae :575. [Comparative note.]  
 1915 Muir, Canadian Ent. 47: 212, 261. [Listed.] :298. [Key.]  
 1925 Muir, Canadian Ent. 57: 279. [Listed.] Equals *Delphacodes* Mel. [error.] Equals *Pseudaraeopus* Kirk. [error.] Equals *Geoneossus* Muir [error.]  
 1926 Muir, Ann. Mag. Nat. Hist. (9) 17: 23 [notes.]  
 1926 Schulze, Kükenthal and Heider, Nomenclator animalium 1 (1): 127. [Listed.]  
 1929 Muir, Ann. Mag. Nat. Hist. (10) 4: 191. [Listed.]  
 1939 Neave, Nomenclator Zoologicus 1: 137. [Listed.]

*dalmatina* Horváth. See *Pseudaraeopus dalmatinus* Horváth.

**laticeps** Stål

- 1855 *Amblycotis laticeps* Stål, Öfv. Svenska Vet. Akad. Förh. 12: 93. [n. sp.]<sup>1</sup> Natal<sup>1</sup>  
 1859 *Amblycotis laticeps* Dohrn, Cat. Hemip. :62. [Listed.]<sup>1</sup> South Africa<sup>2</sup>  
 1866 *Amblycotis laticeps* Stål, Hemip. Africana 4: 177. [Described.]<sup>1</sup> Cape Province<sup>3</sup>  
 1925 *Amblycotis laticeps* Muir, Canadian Ent. 57: 279. [Listed.]<sup>2</sup>  
 1926 *Amblycotis laticeps* Muir, Ann. Mag. Nat. Hist. (9) 17: 23; Fig. 15. [Genitalia described, illustrated.]<sup>2</sup>  
 1929 *Amblycotis laticeps* Muir, Ann. Mag. Nat. Hist. (10) 4: 191. [Notes.]<sup>3</sup>

*lethierryi* Mulsant and Rey. See *Pseudaraeopus lethierryi* Mulsant and Rey.

*sacchari* Muir. See *Pseudaraeopus sacchari* Muir.

Genus **PSEUDARAEOPUS** Kirkaldy

Orthotype *Pseudaraeopus lethierryi* 1904 Kirkaldy, Entomologist 37: 177.

Type *Pseudaraeopus lethierryi* 1915 Muir, Canadian Ent. 47: 266.



*Pseudaraeopus*

Type *Araeopus lethierryi* 1922 Horváth, Ann. Mus. Nat. Hungarici **19**: 129.

Type *Pseudaraeopus lethierryi* 1929 Haupt, Zool. Jahrb. Syst. Ökol. **58**: 209.

[*Delphacodes* Melichar]

[Logotype *Delphacodes lethierryi* 1912 Oshanin, Kat. Paläark. Hemip. :117.]

[Type *Delphacodes lethierryi* 1915 Muir, Canadian Ent. **47**: 262.]

[Type *Araeopus lethierryi* [sic] 1925 Muir, Canadian Ent. **47**: 279.]

[*Geoneossus* Muir]

[Orthotype *Geoneossus sacchari* [n. sp.] 1913 Muir, Proc. Hawaiian Ent. Soc. **2**: 238.]

[Type *Geoneossus sacchari* 1915 Muir, Canadian Ent. **47**: 264.]

[Type *Geoneossus sacchari* 1925 Muir, Canadian Ent. **57**: 279.]

- Delphacodes* 1901 Melichar, Wien Ent. Zeit. **20**: 55. [gen. n., Key to species.]  
*Pseudaraeopus* 1904 Kirkaldy, Entomologist **37**: 177. nom. nov. for *Delphacodes* Mel.  
*Delphacodes* 1907 Oshanin, Verz. Palaeark. Hemip. **2** (2) :299. [Listed.]  
 1912 Oshanin, Kat. Paläark. Hemip. :117. [Listed.]  
 1912 Waterhouse, Index Zool. **II**: 76. [Listed.]  
*Geoneossus* 1913 Muir, Proc. Hawaiian Ent. Soc. **2**: 238. [gen. n.]  
*Pseudaraeopus* 1915 Muir, Canadian Ent. **47**: 266. [Listed.] Equals *Geoneossus* [sic] Muir.  
 Equals *Delphacodes* Mel. :212 [Listed.] :296 [Key.]  
*Delphacodes* 1915 Muir, Canadian Ent. **47**: 262. To *Pseudaraeopus* [sic].  
 1915 Schumacher, Mitt. Zool. Mus. Berlin **8**: 133. [Listed.]  
*Geoneossus* 1915 Muir, Canadian Ent. **47**: 264. To *Pseudaraeopus* Kirk.  
*Delphacodes* 1916 Oshanin, Horae Soc. Ent. Rossicae **42**: 88. [Bibliography.]  
*Pseudaraeopus* 1922 Horváth, Ann. Mus. Nat. Hungarici **19**: 129. [Described.] Equals  
*Delphacodes* Mel. [nec Fieb.] :130. [Described subgenus.]  
 1925 Muir, Canadian Ent. **57**: 279. To *Amblycotis* Stål [error.]  
*Geoneossus* 1925 Muir, Canadian Ent. **57**: 279. To *Amblycotis* Stål [error.]  
*Delphacodes* 1925 Muir, Canadian Ent. **57**: 279. To *Amblycotis* Stål [error.]  
*Pseudaraeopus* 1926 Muir, Ann. Mag. Hist. (9) **17**: 23. [Notes.] Equals *Geoneossus* Muir.  
 Equals *Delphacodes* Mel. [nec Fieb.]  
*Delphacodes* 1928 Schulze, Kükenthal and Heider, Nomenclator animalium **2** (8) :940.  
 [Listed.]  
*Pseudaraeopus* 1929 Haupt, Zool. Jahrb. Syst. Ökol. **58**: 209. [Key.] Equals *Delphacodes*  
 Mel. [nec Fieb.]  
*Geoneossus* 1929 Schulze, Kükenthal and Heider, Nomenclator animalium **3** (11)  
 :1357. [Listed.]  
 1935 Wu, Cat. Ins. Sinensium. **2**: 120. [Listed.]  
*Pseudaraeopus* 1935 Schulze, Kükenthal and Heider, Nomenclator animalium **4** (21) :2889.  
 [Listed.]  
*Delphacodes* 1939 Neave, Nomenclator Zoologicus **2**: 30. To *Pseudaraeopus* Kirk.  
*Geoneossus* 1939 Neave, Nomenclator Zoologicus **2**: 457. [Listed.]  
*Pseudaraeopus* 1940 Neave, Nomenclator Zoologicus **3**: 464. [Listed.] Equals *Delphacodes*  
 Melichar.

*bolivari* Melichar. See *Bostaera bolivari* Melichar.



**dalmatinus** Horváth

1922 *Pseudaraeopus dalmatinus* Horváth, Ann. Mus. Nat. Hungarici Yugoslavia<sup>1</sup>  
19: 132. Figs. 5, 6. [n. sp., illustrated.]<sup>1</sup>

1925 *Amblycotis dalmatinus* Muir, Canadian Ent. 57: 279. [Listed.]

*letherryi*. Typographical error for *Pseudaraeopus letherryi* Mulsant and Rey.

**letherryi** Mulsant and Rey

1879 *Araeopus letherryi* Mulsant and Rey, Ann. Soc. Linn. Lyon (n. s.) France<sup>1</sup>  
25: 319. [n. sp.]<sup>1</sup> South Europe<sup>2</sup>

1881 *Araeopus letherryi* Puton, Bull. Soc. Ent. France (6) 1: cxlvii. Yugoslavia<sup>3</sup>  
[Listed.]<sup>1</sup>

1882 *Araeopus letherryi* Puton, Rev. Ent. 1: 239. [Food plants.]<sup>1</sup>

1883 *Araeopus letherryi* Lethierry, Rev. Ent. 2: 43. [Listed.]<sup>1</sup>

1886 *Araeopus letherryi* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :72. [Listed.]<sup>1</sup>

1896 *Delphax letherryi* Melichar, Cicad. Mittel-Europa :54; Pl. 3, Fig. 46. [Described,  
illustrated.]<sup>3</sup> :53 [Key.]

1897 *Delphax letherryi* [sic] Horváth, Term. Füzetek 20: 624. [Comparative note.]

1899 *Delphax letherryi* Melichar, Ent. Jahrb. 1899: 142 (5). [Listed.]<sup>3</sup>

1899 *Araeopus letherryi* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :106. [Listed.]<sup>1</sup>

1901 *Delphacodes letherryi* Melichar, Wien. Ent. Zeit. 20: 55. [Key.] :56 [Comparative  
note.]

1904 *Pseudaraeopus letherryi* Kirkaldy, Entomologist 37: 177. Equals *Delphacodes  
letherryi* Rey.

1907 *Delphacodes letherryi* Oshanin, Verz. Palaeark. Hemip. 2 (2) :299. [Listed.]<sup>1</sup> Equals  
*Araeopus letherryi* Rey.

1912 *Delphacodes letherryi* Oshanin, Kat. Paläark. Hemip. :117. [Listed.]<sup>1</sup>

1921 *Stiroma ribauti* Lallemand, Bull. Soc. Ent. France 1921: 222; Figs. 1-7. [n.sp., illus-  
trated.]<sup>1</sup>

1922 *Pseudaraeopus letherryi* Horváth, Ann. Mus. Nat. Hungarici 19: 130; Figs. 3, 4.  
[Described, illustrated.]<sup>1</sup> Equals *Araeopus letherryi* Muls. and Rey Equals *Delpha-  
codes letherryi* Mel. Equals *Stiroma ribauti* Lall.

1925 *Amblycotis letherryi* Muir, Canadian Ent. 57: 279. [Listed.] Equals *Araeopus  
letherryi* [sic] Muls. and Rey. Equals *Stiroma ribauti* Lall.

1925 *Pseudaraeopus letherryi* [sic] Muir, Canadian Ent. 57: 279. [note.]

**sacchari** Muir

1913 *Geoneossus sacchari* Muir, Proc. Hawaiian Ent. Soc. 2: 239; Pl. 6, China<sup>1</sup>  
Figs. 5-6. [n. sp., illustrated.]<sup>1</sup>

1925 *Amblycotis sacchari* Muir, Canadian Ent. 57: 279. [Listed.]

1935 *Geoneossus sacchari* Wu, Cat. Ins. Sinensium, 2: 120. [Listed.]<sup>1</sup>

Genus **LACCOCERA** Van Duzee

Orthotype *Laccocera vittipennis* [n. sp.] 1897 Van Duzee, Bull. Buffalo  
Soc. Nat. Sci. 5: 241.

Type *Laccocera vittipennis* 1909 Van Duzee, Canadian Ent. 41: 384.

Type *Laccocera vittipennis* 1914 Crawford, Mon. Delphacidae :579.

Type *Laccocera vittipennis* 1915 Muir, Canadian Ent. 47: 264.

Orthotype *Laccocera vittipennis* 1916 Van Duzee, Check List Hemip.  
America :84.

Orthotype *Laccocera vittipennis* 1917 Van Duzee, Cat. Hemip. Amer-  
ica :770.

*Laccocera*

- Laccocera* 1897 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 241. [gen. n.] :227. [Listed.]  
*Laccocera* [sic] 1897 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 229. [Key.]  
*Laccocera* 1902 Ball, Canadian Ent. 34: 266. [Comparative note.]  
 1902 Waterhouse, Index Zool. :189. [Listed.]  
 1904 Swezey, Prelim. Cat. Fulgoridae North America 1904: 36. [Listed.]  
*Laccocera* [sic] 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 123. [Morphology.]  
*Laccocera* 1909 Van Duzee, Canadian Ent. 41: 384. [Listed.]  
 1914 Crawford, Mon. Delphacidae :579. [Described.] :580. [Key to species.] :563. [Key.] :577, 583. [Comparative note.]  
 1915 Muir, Canadian Ent. 47: 212, 264. [Listed.] :297. [Key.]  
 1916 Van Duzee, Check List Hemip. America :84. [Listed.]  
 1917 Van Duzee, Cat. Hemip. America :770. [Listed.]  
 1923 Metcalf, Jour. Elisha Mitchell Soc. 38: 166. [Key.] :167. [Key to species.]  
 1923 Van Duzee, Fulgoridae Hemip. Connecticut :46. [Key to genera.] :51. [Listed.]  
 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 5. [Key.]  
 1927 Johnson, Biol. Surv. Mount Desert Reg. 1: 33. [Listed.]  
 1928 Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 181. [Listed.]  
 1930 Schulze, Kükenthal and Heider, Nomenclator animalium 3 (13): 1743. [Listed.] Equals *Laccocera* [sic] Van Duz.  
*Laccocera* [sic] 1930 Schulze, Kükenthal and Heider, Nomenclator animalium 3 (13): 1743. [Listed.]  
*Laccocera* 1938 Osborn, Bull. Ohio Biol. Surv. 6: 330. [Key.]  
 1939 Neave, Nomenclator Zoologicus 2: 844. [Listed.]  
*Laccocera* [sic] 1939 Neave, Nomenclator Zoologicus 2: 844. [Listed.]

**bicornata** Crawford

- 1914 *Laccocera bicornata* Crawford, Mon. Delphacidae :582; Pl. 45, Colorado<sup>1</sup>  
 Fig. P. [n. sp., illustrated.]<sup>1</sup> :580. [Key.] Rocky  
 1916 *Laccocera bicornata* Van Duzee, Check List Hemip. America :84. Mountains<sup>2</sup>  
 [Listed.]<sup>2</sup>  
 1917 *Laccocera bicornata* Van Duzee, Cat. Hemip. America :770. [Listed.]<sup>1</sup>

*flava* Crawford (var.). See *Laccocera zonata* var. *flava* Crawford.

**obesa** Van Duzee

- 1895 *Delphacinus obesus* Gillette and Baker, Hemip. Colorado :69. Colorado<sup>1</sup>  
 [Listed.]<sup>1</sup> [nom. nud.] Nevada<sup>2</sup>  
 1897 *Laccocera* (?) *obesa* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 244. Western States<sup>3</sup>  
 [n. sp.]<sup>1</sup> Equals *Delphacinus obesa* Gill. and Bak. [nom. nud.] :242. California<sup>4</sup>  
 [Note.] :227. [Listed.] Montana<sup>5</sup>  
 1904 *Laccocera* (?) *obesa* Swezey, Prelim. Cat. Fulgoridae North New Mexico<sup>6</sup>  
 America 1904: 36. [Listed.]<sup>1</sup> Equals *Delphacinus obesus* Gill. and  
 Bak.  
 1914 *Laccocera obesa* Crawford, Mon. Delphacidae :582; Pl. 45, Figs. R, V. [Described,  
 illustrated.]<sup>1,2</sup> Equals *Delphacinus obesus* Gill. :580. [Key.]  
 1914 [*Laccocera*] *obesa* Crawford, Mon. Delphacidae :582. [Comparative note.]  
 1916 *Laccocera obesa* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>3</sup>  
 1916 *Laccocera obesa* Van Duzee, Tech. Bull. Univ. California. Agr. Exp. Sta. 1: 248.  
 Listed.]<sup>4</sup>  
 1917 *Laccocera obesa* Van Duzee, Cat. Hemip. America :771. [Listed.]<sup>1,2,4</sup> Equals *Delpha-*  
*cinus obesus* Van Duzee [nom. nud.]  
 1926 *Laccocera obesa* Dozier, Jour. New York Ent. Soc. 34: 257. [Listed.]<sup>5,6</sup>

*vittata* Van Duzee. See *Laccocera vittipennis* Van Duzee.

*vittipennis*. Typographical error for *Laccocera vittipennis* Van Duzee.

**vittipennis** Van Duzee

- 1895 *Delphacinus vittipennis* Slosson, Ent. News **6**: 5. [Listed.]<sup>3</sup> [nom. nud.] Alberta<sup>1</sup>  
Colorado<sup>2</sup>
- 1895 *Delphacinus vittatus* Gillette and Baker, Hemip. Colorado :69. New Hampshire<sup>3</sup>  
[Listed.]<sup>2</sup> [nom. nud.] Iowa<sup>4</sup>
- 1897 *Laccocera vittipennis* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: New York<sup>5</sup>  
**5**: 242. [n. sp.]<sup>2,3</sup> Equals *Delphacinus [vittatus]* Gill. and Bak. [nom. nud.] :227. [Listed.] :244. [Comparative note.] Quebec<sup>6</sup>  
Canada<sup>7</sup>
- 1898 *Laccocera vittatipennis* [sic] Osborn, Proc. Iowa Acad. Sci. **5**: 235. Nevada<sup>8</sup>  
[Listed.]<sup>4</sup> Northern States<sup>9</sup>
- 1898 *Laccocera vittatipennis* [sic] Osborn, Contr. Iowa State Coll. Agr. California<sup>10</sup>  
Dept. Zool. Ent. **3**: 12. [Listed.]<sup>4</sup> Ontario<sup>11</sup>
- 1902 *Laccocera vittatipennis* [sic] Ball, Canadian Ent. **34**: 266. [Com- British  
parative note.] Columbia<sup>12</sup>
- 1903 *Laccocera vittipennis* MacGillivray and Houghton, Ent. News **14**: Maine<sup>13</sup>  
264. [Listed.]<sup>5</sup>
- 1904 *Laccocera vittipennis* Swezey, Prelim. Cat. Fulgoridae North America **1904**: 36.  
[Listed.]<sup>2,3,4</sup> Equals *Delphacinus vittatus* Gill. and Baker
- 1905 *Laccocera vittipennis* Van Duzee, Bull. New York State Mus. **97**: 553. [Listed.]<sup>5</sup>
- 1907 *Laccocera vittipennis* Fletcher and Gibson, Ann. Rept. Ent. Soc. Ontario **37**: 102.  
[Listed.]<sup>6</sup>
- 1907 *Laccocera vittipennis* Moore, Canadian Ent. **39**: 189. [Listed.]<sup>5</sup>
- 1910 *Laccocera vittipennis* Young, Bull. New York State Mus. **141**: 124. [Listed.]<sup>5</sup>
- 1910 *Laccocera vittipennis* Gibson, Ann. Rept. Ent. Soc. Ontario **40**: 124. [Listed.]<sup>6</sup>
- 1912 *Laccocera vittipennis* Van Duzee, Ottawa Nat. **26**: 69. [Listed.]<sup>7</sup>
- 1914 *Laccocera vittipennis* Crawford, Mon. Delphacidae :580; Pl. 45, Figs. N, Q. [Key.  
described, illustrated.]<sup>2,3,8</sup> Equals *Delphacinus vittatus* Gill. and Bak.
- 1914 [*Laccocera*] *vittipennis* Crawford, Mon. Delphacidae :581, 582. [Comparative note.]
- 1916 *Laccocera vittipennis* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>7,9</sup> Equals  
*Laccocera vittatus* Van Duz. [nom. nud.]
- 1917 *Laccocera vittipennis* Van Duzee, Proc. California Acad. Sci. **7**: 312. [Notes.]<sup>10</sup>
- 1917 *Laccocera vittipennis* Van Duzee, Cat. Hemip. America :770. [Listed.]<sup>2,3,4,5,6,8,11</sup>  
Equals *Delphacinus vittatus* Van Duz. [nom. nud.] Equals *Delphacinus vittipennis*  
Van Duz. [nom. nud.]
- 1922 *Laccocera vittipennis* Osborn, Tech. Publ. New York St. Coll. For. **16**: 51. [Ecology.]<sup>5</sup>
- 1922 *Laccocera vittipennis* Osborn and Drake, Tech. Publ. New York St. Coll. For. **16**: 21.  
[Ecology.]<sup>5</sup>
- 1923 *Laccocera vittipennis* Metcalf, Jour. Elisha Mitchell Soc. **38**: 167; Pl. 45, Fig. 99;  
Pl. 58, Figs. 384, 385; Pl. 62, Fig. 492; Pl. 65, Fig. 545; Pl. 68, Fig. 631. [Illustrated,  
key.]
- 1923 *Laccocera vittipennis* Van Duzee, Fulgoridae Hemip. Connecticut :51. [Notes.]<sup>3</sup>
- 1927 *Laccocera vittipennis* Johnson, Biol. Surv. Mount Desert Reg. **1**: 33. [Listed.]<sup>13</sup>
- 1927 *Laccocera vittipennis* Downes, Proc. Ent. Soc. British Columbia **23**: 21. [Listed.]<sup>12</sup>
- 1928 *Laccocera vittipennis* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. **101**: 181. [Listed.]<sup>5</sup>
- 1937 *Laccocera vittipennis* Strickland, Canadian Ent. **69**: 95. [Listed.]<sup>1</sup>

**zonata** Van Duzee

- 1895 *Delphacinus zonatus* Gillette and Baker, Hemip. Colorado :69. Colorado<sup>1</sup>  
[Listed.]<sup>1</sup> [nom. nud.] Nevada<sup>2</sup>
- 1897 *Laccocera zonatus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 243. Western States<sup>3</sup>  
[n. sp.]<sup>1</sup> Equals *Delphacinus zonatus* Gill. and Bak. [nom. nud.] Montana<sup>4</sup>  
:227. [Listed.] :244. [Comparative note.]
- 1904 *Laccocera zonatus* Swezey, Prelim. Cat. Fulgoridae North America **1904**: 36.  
[Listed.]<sup>1</sup> Equals *Delphacinus zonatus* Gill. and Bak.
- 1914 *Laccocera zonata* Crawford, Mon. Delphacidae :581. [Described.]<sup>2</sup> :580. [Key.] :581.  
Equals *Delphacinus zonatus* Gill.

*Laccocera*—*Achorotile*

- 1914 [*Laccocera zonata* Crawford, Mon. Delphacidae :582. [Comparative note.]  
 1916 *Laccocera zonata* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>3</sup>  
 1917 *Laccocera zonata* Van Duzee, Cat. Hemip. America :770. [Listed.]<sup>1,2</sup> Equals *Delphacinus zonatus* Van Duz. [nom. nud.]  
 1923 *Laccocera zonata* Metcalf, Jour. Elisha Mitchell Soc. **38**: 167; Pl. 39, Fig. 22; Pl. 58 Fig. 386; Pl. 68, Fig. 632. [Key. illustrated.]  
 1926 *Laccocera zonata* Dozier, Jour. New York Ent. Soc. **34**: 257. [Listed.]<sup>4</sup>

**zonata** var. **flava** Crawford

- 1914 *Laccocera zonata flava* Crawford, Mon. Delphacidae :581. [n. var.] North America<sup>1</sup>  
 :580. [Key.] Colorado<sup>2</sup>  
 1916 *Laccocera zonata flava* Van Duzee, Check List Hemip. America :84. Nevada<sup>3</sup>  
 [Listed.]<sup>1</sup>  
 1917 *Laccocera zonata flava* Van Duzee, Cat. Hemip. America :770. [Listed.]<sup>2,3</sup>

Genus **ACHOROTILE** Fieber

Haplotype *Delphax albosignata* 1866 Fieber, Verh. Zool. Bot. Ges. Wien **16**: 521.

Type *Achorotile albosignata* 1912 Oshanin, Kat. Paläark. Hemip. :120.

Type *Achorotile albosignata* 1914 Crawford, Mon. Delphacidae :578.

Type *Achorotile albosignata* 1915 Muir, Canadian Ent. **47**: 261.

Haplotype *Achorotile albosignata* 1916 Van Duzee, Check List Hemip. America :85.

Haplotype *Achorotile albosignata* 1917 Van Duzee, Cat. Hemip. America :780.

Type *Achorotile albosignata* 1929 Haupt, Zool. Jahrb. Syst. Ökol. **58**: 211.

Type *Achorotile albosignata* 1935 Haupt, Tierwelt Mitteleuropas **4** (3): 131.

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|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Achorotile                            | 1866 Fieber, Verh. Zool. Bot. Ges. Wien <b>16</b> : 521. [gen. n.] :532. [Listed.]                                            |
|                                       | 1866 Dallas, Zool. Rec. <b>3</b> : 561. [Key.]                                                                                |
|                                       | 1870 Oshanin, Mém. Soc. Amis Sci. Nat. Moscou <b>6</b> : 47. [Listed.] Equals <i>Delphax</i> Fabr. [in part.]                 |
|                                       | 1871 Oshanin, Bull. Imp. Soc. Nat. Hist. Imp. Univ. Moscou <b>6</b> (3): 30. [Listed.] Equals <i>Delphax</i> Fabr. [in part.] |
|                                       | 1871 Scott, Ent. Monthly Mag. <b>7</b> : 195. [Described.] :196. [Listed.]                                                    |
| <i>Ditropis</i> ( <i>Achorotile</i> ) | 1871 Sahlberg, Not. Fennica (n. s.) <b>9</b> (12): 472. [Described.]                                                          |
| Achorotile                            | 1872 Fieber, Kat. Europäischen Cicad. :6. [Listed.] Equals <i>Delphax</i> Aut. [in part.]                                     |
|                                       | 1873 Marschall, Nomenclator Zoologicus <b>1873</b> : 351. [Listed.]                                                           |
|                                       | 1875 Fieber, Cicad. d'Europe Pt. <b>1</b> : 379 (92). [Key.]                                                                  |
|                                       | 1875 Puton, Cat. Hémip. d'Europe 2 Ed. :122. [Listed.]                                                                        |
|                                       | 1876 Fieber, Cicad. d'Europe Pt. <b>2</b> : Pl. 8. [Illustrated.]                                                             |
|                                       | 1876 Douglas and Scott, Cat. British Hemip. :70. [Listed.]                                                                    |
|                                       | 1879 Fieber, Cicad. d'Europe Pt. <b>4</b> : 152 (88). [Key to species.]                                                       |
|                                       | 1882 Scudder, Nomenclator Zoologicus. Univ. Index :4. [Listed.]                                                               |
|                                       | 1885 Edwards, Ent. Monthly Mag. <b>22</b> : 66. [Note, key to species.]                                                       |
|                                       | 1886 Edwards, Syn. British Homop.-Cicadina Pt. <b>1</b> : 55. [Notes.]                                                        |
|                                       | 1886 Then, Kat. Österreichischen Cicad. <b>1886</b> : 16. [Listed.]                                                           |
|                                       | 1886 Puton, Cat. Hémip. Faune Paléarc. 3 Ed. :74. [Listed.]                                                                   |



- Achorotile* [sic] 1889 Ashmead, Ent. Amer. 5: 27. [Key.]  
*Achrotile* [sic] 1890 Buckton, Mon. British Cicadae 3: 74, 76. [Notes.] :75. [Comparative note.]
- Achorotile*
- 1893 Bezzi, Bull. Soc. Ent. Italiana 25: 108 (28). [Listed.]  
 1894 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 192. [Listed.]  
 1894 Edwards, Hemip. Homop. British Islands 1: 29. [Morphology.]  
 1896 Melichar, Cicad. Mittel-Europa :99. [Described.] :51. [Key.]  
 1897 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 227, 259. [Listed.] :230. [Key.] :242. [Comparative note.]  
 1899 Puton, Cat. Hémp. Faune Paléarc. 4 Ed. :109. [Listed.]  
 1901 Kirkaldy, Entomologist 34: 338. [Listed.]  
 1902 Cobelli, Cicadine Trentino :10 [Listed.]  
 1904 Hüeber, Syst. Verz. deutschen Zikadinen :270. [Listed.]  
 1904 Swezey, Prelim. Cat. Fulgoridae North America 1904: 42. [Listed.]  
 1906 Matsumura, Schr. Nat. Ges. Danzig 11: 77. [Listed.]  
 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 123. [Morphology.]  
 1907 Oshanin, Verz. Palaeark. Hemip. 2: (2): 334. [Listed.] equals *Ditropis* Sahlb. (in part.)  
 1908 Horváth, Ann. Mus. Nat. Hungarici 6: 9. [Listed.]  
 1912 Oshanin, Kat. Paläark. Hemip. :120. [Listed.]  
 1913 Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]  
 1914 Crawford, Mon. Delphacidae :578. [Described.] :563. [Key.] :579, 583. [Comparative note.]  
 1914 Van Duzee, Psyche 21: 164. [Listed.]  
 1915 Jacobsen, Ent. Medd. 10: 320. [Listed.]  
 1915 Muir, Canadian Ent. 47: 261. [Listed.] :212. [Listed.]  
 1915 Muir, Canadian Ent. 47: 297. [Key, note.]  
 1915 Jensen-Haarup, Flora och Fauna 1915: 98. [Key.]  
 1916 Jensen-Haarup, Kobenhavn Flora og Fauna 1916: 38. [Described.]  
 1916 Van Duzee, Check List. Hemip. America :85. [Listed.]  
 1917 Van Duzee, Cat. Hemip. America :780. [Listed.]  
 1920 Jensen-Haarup, Danmarks Fauna :65. [Described.] :31. [Key.]  
 1920 Tullgren and Wahlgren, Svenska Insekter 1920: 152. [Key.] :153. [Listed.]  
 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 5. [Key.]  
 1924 Lindberg, Acta Soc. Fauna Flora Fennica 56: 46. [Listed.] Equals *Ditropis* Fieb. (in part.)  
 1926 Schulze, Kükenthal and Heider, Nomenclator animalium 1 (1): 28. [Listed.]  
 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 211. [Key.]  
 1935 Haupt, Tierwelt Mitteleuropas 4 (3): 131. [Key.] :138. [Listed.]  
 1935 Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 6. [Listed.]  
 1939 Neave, Nomenclator Zoologicus 1: 31. [Listed.]

**albosignata** Dahlbom

- 1850 *Delphax albosignata* Dahlbom, Handl. Svenska Vet. Akad. 1849: Sweden<sup>1</sup>  
 199. [n. sp.]<sup>1</sup> England<sup>2</sup>
- 1852 *Delphax albosignata* Boheman, Handl. Svenska Vet. Akad. 1851: Lapland<sup>3</sup>  
 115. [Listed.] :114. [Comparative note.] Finland<sup>4</sup>
- 1852 *Delphax fuscineris* Boheman, Handl. Svenska Vet. Akad. 1851: Scandinavia<sup>5</sup>  
 113. [n. sp.]<sup>1</sup> Great Britain<sup>6</sup>
- 1854 *Delphax albosignata* Stål, Öfv. Svenska. Vet. Akad. Förh. 11: 196. Germany<sup>7</sup>  
 [Described.]<sup>1</sup> Equals *Delphax fuscineris* Boh. Austria<sup>8</sup>
- 1859 *Delphax albosignata* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup> Equals Central Europe<sup>9</sup>  
*Delphax fuscineris* Boh. Italy<sup>10</sup>



*Achorotile*

- 1860 *Delphax albosignata* Walker, List British Hemip. :17. [Listed.]<sup>2</sup> Russia<sup>11</sup>
- 1866 *Achorotile albosignata* Fieber, Verh. Zool. Bot. Ges. Wien. **16**: 521, 532; Pl. 8, Fig. 16. [Listed, illustrated.] Equals *Delphax albosignata* Dahlb. North America<sup>13</sup> Europe<sup>14</sup>
- 1867 *Delphax albosignata* Sahlberg, Not. Fennica (n. s.) **8**: 232. [Notes.]<sup>3</sup> Nearctic Region<sup>15</sup>
- 1867 *Achorotile albosignata* Dallas, Zool. Rec. **3**: 561. Equals *Delphax albosignata* Dahlb. Denmark<sup>16</sup> Alberta<sup>17</sup>
- 1868 *Delphax albosignata* Sahlberg, Not. Fennica [n. s.] **9** (9): 218. [Notes.]<sup>1,3,4</sup> Equals *Delphax fuscinerwis* Boh.
- 1870 *Achorotile albosignata* Oshanin, Mém. Soc. Amis Sci. Nat. Moscou **6**: 47. [Listed.]<sup>11</sup>
- 1871 *Achorotile albosignata* Oshanin, Bull. Imp. Soc. Nat. Hist. Imp. Univ. Moscou **6** (3): 30. [Listed.]<sup>11</sup>
- 1871 *Ditropis albosignata* Sahlberg, Not. Fennica [n. s.] **9** (12): 58. [Listed.]<sup>1,4</sup> :472. [Described.]<sup>1,4</sup> Equals *Delphax albosignata* Dahlb. Equals *Achorotile albosignata* Fieb. Equals *Delphax fuscinerwis* Boh. :489. [Listed.]<sup>4</sup> :36. [Ecology.]
- 1871 *Achorotile albosignata* Scott, Ent. Monthly Mag. **7**: 196. [Described.]<sup>2</sup> Equals *Delphax fuscinerwis* Boh. Equals *Delphax albosignata* Dahlb.
- 1872 *Achorotile albosignata* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>1,4</sup> Equals *Achorotile fuscinerwis* Boh.
- 1875 *Achorotile albosignata* Puton, Cat. Hémipt. d'Europe 2 Ed. :122. [Listed.]<sup>5,6</sup> Equals *Achorotile fuscinerwis* Boh.
- 1876 *Achorotile albosignata* Douglas and Scott, Cat. British Hemip. :70. [Listed.]<sup>6</sup> Equals *Delphax albosignata* Dahlb. Equals *Delphax fuscinerwis* Boh.
- 1878 *Delphax albosignata* Dale, History of Glanville's Wootton. :305. [Listed.]<sup>2</sup>
- 1879 *Achorotile albosignata* Fieber, Cicad. d'Europe Pt. **4**: 153 (89). [Key.]<sup>1</sup> Equals *Delphax fuscinerwis* Boh. Equals *Delphax albosignata* Dahlb.
- 1885 *Achorotile albosignata* Edwards, Ent. Monthly Mag. **22**: 67. [Key, notes.]
- 1886 *Achorotile albosignata* Puton, Cat. Hémipt. Faune Paléarc. 3 Ed. :74. [Listed.]<sup>5,6,7</sup> Equals *Achorotile fuscinerwis* Boh.
- 1886 *Achorotile albosignata* Then, Kat. Österreichischen Cicad. **1886**: 16. [Listed.]<sup>8</sup>
- 1890 *Achorotile* [sic] *albosignata* Buckton, Mon. British Cicadae **3**: 74. [Notes, described.]<sup>2</sup>
- 1890 *Liburnia albosignata* Buckton, Mon. British Cicadae **3**: 75. [Comparative note.]
- 1891 *Stiroma albosignata* Buckton, Mon. British Cicadae **8**: 192. [Ecology.]
- 1893 *Achorotile albosignata* Bezzi, Bull. Soc. Ent. Italiana **25**: 108 (28). [Listed.]<sup>10</sup>
- 1896 *Achorotile albosignata* Melichar, Cicad. Mittel-Europa :100; Pl. vi; Figs. 14–16. [Described, illustrated.]<sup>9</sup> Equals *Delphax albosignata* Dahlb. Equals *Delphax fuscinerwis* Boh.
- 1897 *Achorotile albosignata* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 259. Equals *Ditropis albosignata* Sahlb. Equal *Delphax albosignata* Dahlb. Equals *Delphax fuscinerwis* Dahlb.
- 1899 *Achorotile albosignata* Puton, Cat. Hémipt. Faune Paléarc. 4 Ed. :109. [Listed.]<sup>4,5,6,7,8</sup> Equals *Achorotile fuscinerwis* Boh.
- 1901 *Achorotile albosignata* Kirkaldy, Entomologist **34**: 338. [Listed.]<sup>12</sup>
- 1902 *Achorotile albosignata* Cobelli, Cicadine Trentino :10. [Listed.]<sup>10</sup>
- 1904 *Achorotile albosignata* Swezey, Prelim. Cat. Fulgoridae North America **1904**: 42. [Listed.]<sup>12</sup> Equals *Delphax fuscinerwis* Boh. Equals *Ditropis albosignata* Sahlb. Equals *Delphax albosignata* Dahlb.
- 1904 *Achorotile albosignata* Swezey, Bull. United States Dept. Agr. Div. Ent. [n. s.] **46**: 44. [Listed.]<sup>14</sup>
- 1904 *Achorotile albosignata* Hüeber, Syst. Verz. deutschen Zikadinen :270. [Listed.]<sup>7</sup> Equals *Achorotile fuscinerwis* Boh.
- 1906 *Achorotile albosignata* Matsumura, Schr. Nat. Ges. Danzig **11**: 77. [Notes.]<sup>7</sup>
- 1907 *Achorotile albosignata* Oshanin, Verz. Palaeark. Hemip. **2** (2): 334. [Listed.]<sup>1,3,4,7,11,12</sup> Equals *Delphax albosignata* Dahlb. Equals *Delphax fuscinerwis* Boh. Equals *Ditropis albosignata* Sahlb.
- 1908 *Achorotile albosignata* Horváth, Ann. Mus. Nat. Hungarici **6**: 6. [Listed.]<sup>13,14</sup>

- 1912 *Achorotile albosignata* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>6,7,11,15</sup>  
 Equals *Achorotile fuscineris* Boh.
- 1912 *Achorotile albosignata* Spooner, Canadian Ent. **44**: 242. [Comparative note.]
- 1913 *Achorotile albosignata* Dalla Torre, Ent. Jahrb. **22**: 149. [Listed.]<sup>8</sup>
- 1914 *Achorotile albosignata* Crawford, Mon. Delphacidae :578; Pl. 45, Figs. L, M, W. [Described, illustrated.]<sup>12</sup> Equals *Delphax fuscineris* Scott. Equals *Ditropis albosignata* Sahlb.
- 1914 [*Achorotile*] *albosignata* Crawford, Mon. Delphacidae :579. [Comparative note.]
- 1914 *Achorotile albosignata* Haupt, Ent. Jahrb. **23**: 164 (6). [Ecology.]
- 1915 *Achorotile albosignata* Jacobsen, Ent. Medd. **10**: 320. [Listed.]<sup>16</sup>
- 1916 *Achorotile albosignata* Van Duzee, Check List Hemip. America :85. Equals *Achorotile fuscineris* Dahlb.
- 1916 *Achorotile albosignata* Haupt, Zeits. Wiss. Insektenbiol. **12**: 202; Figs. 1, 2. [Parasites, illustrated.]
- 1916 *Achorotile albosignata* Jensen-Haarup, Flora och Fauna **1916**: 38. [Described.]<sup>16</sup>
- 1920 *Achorotile albosignata* Jensen-Haarup, Danmarks Fauna :65. [Described.]<sup>13,14,16</sup>
- 1920 *Achorotile albosignata* Tullgren and Wahlgren, Svenska Insekt 1920: 153. [Notes.]<sup>1</sup>
- 1924 *Achorotile albosignata* Lindberg, Not. Ent. **4**: 44. [Listed.]<sup>1</sup>
- 1924 *Achorotile albosignata* Lindberg, Acta Soc. Fauna Flora Fennica **56**: 46. [Listed.]<sup>4</sup>
- 1926 *Achorotile albosignata* Dozier, Jour. New York Ent. Soc. **34**: 257. [Comparative note.]<sup>14</sup>
- 1927 *Achorotile albosignata* Lindberg, Mem. Soc. Fauna Flora Fennica **1**: 64, 68. [Ecology.]<sup>3</sup>
- 1928 *Achorotile albosignata* Ivanov, Mém. Acad. Sci. Ukraine **6**: 198. [Listed.]<sup>11</sup>
- 1928 *Achorotile albosignata* Ivanov, Trav. Mus. Zool. **1928**: 502. [Listed.]<sup>11</sup>
- 1935 *Achorotile albosignata* Wagner, Verh. Ver. Naturw. Heimatforschung. **24**: 6. [Notes.]<sup>7</sup>
- 1939 *Achorotile albosignata* Lindberg, Acta Zool. Fennica **22**: 156. [Effects of parasitism.]
- 1940 *Achorotile albosignata* Strickland, Canadian Ent. **72**: 88. [Listed.]<sup>17</sup>

*albosignata* Scott [nec Dahlbom]. See *Delphacodes fairmairei* Perris.

*albosignata* Van Duzee [nec Dahlbom]. See *Megamelus notulus* Germar.

*bivittata* Boheman. See *Delphacodes brevipennis* Boheman.

*collina* Boheman. See *Delphacodes collina* Boheman.

*denticauda* Boheman. See *Delphacodes denticauda* Boheman.

*elegantula* Boheman. See *Delphacodes elegantula* Boheman.

*forcipata* Boheman. See *Delphacodes forcipata* Boheman.

### foveata Spooner

- 1912 *Achorotile foveata* Spooner, Canadian Ent. **44**: 241. [n. sp.]<sup>1</sup> California<sup>1</sup>
- 1914 *Achorotile foveata* Crawford, Mon. Delphacidae. :579 [Described.]<sup>1</sup> Pacific States<sup>2</sup>  
 Wyoming<sup>3</sup>
- 1914 *Achorotile foveata* Van Duzee, Psyche **21**: 164. To *Stobaera 4-pustulata* Van Duz. [error.]
- 1916 *Achorotile foveata* Van Duzee, Check List Hemip. America :85. [Listed.]<sup>2</sup>
- 1917 *Achorotile foveata* Van Duzee, Cat. Hemip. America :780. Listed.<sup>1</sup>
- 1926 *Achorotile foveata* Dozier, Jour. New York Ent. Soc. **34**: 257. [Notes.]<sup>3</sup>

*fuscineris* Boheman. See *Achorotile albosignata* Dahlbom.

### longicornis Sahlberg

- 1871 *Ditropis longicornis* Sahlberg, Not. Fennica [n. s.] **9** (12): 474. Finland<sup>1</sup>  
 [n. sp.]<sup>1</sup> :58. [Listed.]<sup>1</sup> :30, 36. [Ecology.] Scandinavia<sup>2</sup>
- 1872 *Achorotile longicornis* Fieber, Kat. Europäischen Cicad. :6. Russia<sup>3</sup>  
 [Listed.]<sup>1</sup>
- 1875 *Achorotile longicornis* Puton, Cat. Hémip. d'Europe 2 Ed. :122. [Listed.]<sup>2</sup>

*Achorotile*—*Perkinsiella*

- 1885 *Achorotile longicornis* Edwards, Ent. Monthly Mag. 22: 67. [Key.]  
 1886 *Achorotile longicornis* Puton, Cat. Hémip. Faune Paléarc. 3 Ed. :74. [Listed.]<sup>2</sup>  
 1890 *Achrotile* [sic] *longicornis* Buckton, Mon. British Cicadae 3: 74. [Listed.]  
 1899 *Achorotile longicornis* Puton, Cat. Hémip. Faune Paléarc. 4 Ed. :109. [Listed.]<sup>1,2</sup>  
 1907 *Achorotile longicornis* Oshanin, Verz. Palaeark. Hemip. 2(2): 334. [Listed.]<sup>3</sup> Equals  
*Ditropis longicornis* Sahlb.  
 1912 *Achorotile longicornis* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>3</sup>  
 1924 *Achorotile longicornis* Lindberg, Acta Soc. Fauna Flora Fennica. 56: 46. [Listed.]<sup>1</sup>

*neglecta* Flor. See *Delphacodes fairmairei* Perris.

*pellucida* Fabricius. See *Delphacodes pellucida* Fabricius.

*striatella* Fallén. See *Delphacodes striatella* Fallén.

**transbaicalica** Kusnezov

- 1929 *Achorotile transbaicalica* Kusnezov, Wien. Ent. Zeit. 46: 169 [n. sp.]<sup>1</sup> Turkestan<sup>1</sup>

## Genus PERKINSIELLA Kirkaldy

Orthotype *Perkinsiella saccharicida* [n. sp.] 1903 Kirkaldy, Entomologist 36: 179.

Type *Perkinsiella saccharicida* 1915 Muir, Canadian Ent. 47: 266.

- Perkinsiella 1903 Kirkaldy, Entomologist 36: 179. [gen. n.]  
 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 1 (9):404. [Notes.] :405.  
 [Key to species.] :410. [Comparative note.]  
 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 4: 64. [Comparative note.]  
 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 126. [Key.] :135. [Key to  
 species, notes.] Equals *Phacalastor* Kirk. [in part.] :136. [Key to nymphs.]  
 :129. [Comparative note.]  
 1908 Kirkaldy, Proc. Hawaiian Ent. Soc. 1: 201. [Key.]  
 1909 Pierce, Bull. United States Nat. Mus. 66: 178. [Listed.]  
 1910 Kirkaldy, Fauna Hawaiiensis Suppl. :577. [Key.] :578. [Listed.]  
 1911 Muir, Bull. Hawaiian Sugar Pl. Assoc. 9: 4. [Notes, key to species.]  
 1912 Waterhouse, Index Zool. II: 224. [Listed.]  
 1913 Muir, Proc. Hawaiian Ent. Soc. 2: 240. [Listed.]  
 1913 Kershaw, Psyche 20: 177. [Morphology of alimentary canal.]  
 1914 Kershaw, Psyche 21: 65. [Morphology of alimentary canal.]  
 1915 Muir, Canadian Ent. 47: 212, 266. [Listed.] :297. [Key.]  
 1916 Muir, Philippine Jour. Sci. 11: 378. [Notes, key to Philippine species.]  
 1916 Oshanin, Horae Soc. Ent. Rossicae 42: 88. [Bibliography.]  
 1917 Muir, Philippine Jour. Sci. 12: 52. [Economics.]  
 1917 Pierce, Man. Dangerous Ins. 1917: 206. [Food Plants.]  
 1917 Muir, Proc. Hawaiian Ent. Soc. 3: 324. [Listed.]  
 1918 Pierce, Proc. United States Nat. Mus. 54: 487. [Listed.]  
 1919 Muir, Canadian Ent. 51: 7. [Comparative note.]  
 1922 Giffard, Proc. Hawaiian Ent. Soc. 5: 109, 116. [Listed.]  
 1922 Kershaw and Muir, Ann. Ent. Soc. America 15: 208. [Morphology of  
 genitalia.]  
 1923 Lefroy, Manual of Ent. :260. [Listed.]  
 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 17. [Comparative note.]  
 1926 Muir, Ann. Mag. Nat. Hist. (9) 17: 23. [Listed.]  
 1927 Muir, Fulgoroidea of Samoa. :11. [Listed.]  
 1929 Muir, Ann. Mag. Nat. Hist. (10) 4: 191. [Listed, note.]  
 1932 Brues and Melander, Class. Ins. :119. [Listed.]  
 1934 Schulze, Kükenthal and Heider, Nomenclator animalium 4 (19):2591.  
 [Listed.]  
 1935 Wu, Cat. Ins. Sinensium. 2: 120. [Listed.]  
 1940 Neave, Nomenclator Zoologicus 3: 670. [Listed.]

**amboinensis** Muir

- 1911 *Perkinsiella amboinensis* Muir, Bull. Hawaiian Sugar Pl. Assoc. Amboyna  
9: 10; Figs. 4-5. [n. sp., illustrated, on sugar cane.]<sup>1</sup> :4. [Key.] :7. Malaysia<sup>1</sup>  
[Comparative note.]
- 1916 *Perkinsiella amboinensis* Muir, Philippine Jour. Sci. 11: 379. [Comparative note.]
- 1917 *Perkinsiella amboinensis* Pierce, Man. Dangerous Ins. 1917: 206. [Listed.]<sup>1</sup>
- 1921 *Perkinsiella amboinensis* Muir, Hawaiian Plant. Rec. 25: 113. [Listed.]<sup>1</sup>
- 1928 *Perkinsiella amboinensis* Jacobi, Mjöberg's Exp. Australia :42. [Comparative note.]
- 1936 *Perkinsiella amboinensis* Pemberton, Proc. Int. Soc. Sugar Cane Techn. 5: 118 (1).  
[Listed.]<sup>1</sup>
- 1936 *Perkinsiella amboinensis* Swezey, Hawaiian Plant. Rec. 40: 101. [Listed.]<sup>1</sup>
- 1936 *Perkinsiella amboinensis* Swezey, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 21: 101.  
[Listed.]<sup>1</sup>

**bakeri** Muir

- 1916 *Perkinsiella bakeri* Muir, Philippine Jour. Sci. 11: 379. [n. sp.]<sup>1</sup> Luzon<sup>1</sup>  
:378. [Key.] Philippine  
Islands<sup>2</sup>
- 1921 *Perkinsiella bakeri* Muir, Hawaiian Plant. Rec. 25: 113. [Listed.]<sup>2</sup>
- 1928 *Perkinsiella bakeri* Jacobi, Mjöberg's Exp. Australia :42. [Com-  
parative note.]
- 1928 *Perkinsiella bakeri* Uichanco, Ann. Conv. Phillipine Sugar Assoc. 6: 71 (7) [Listed.]<sup>2</sup>
- 1936 *Perkinsiella bakeri* Pemberton, Proc. Int. Soc. Sugar Cane Techn. 5: 118 (1).  
[Listed.]<sup>2</sup>
- 1936 *Perkinsiella bakeri* Swezey, Hawaiian Plant. Rec. 40: 101. [Listed.]<sup>2</sup>
- 1936 *Perkinsiella bakeri* Swezey, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 21: 101.  
[Listed.]<sup>2</sup>

**bicoloris** Muir

- 1911 *Perkinsiella bicoloris* Muir, Bull. Hawaiian Sugar Pl. Assoc. 9: 7. Papua<sup>1</sup>  
[n. sp., on sugar cane.]<sup>1</sup> :5. [Key.] (New Guinea)
- 1916 *Perkinsiella bicoloris* Muir, Philippine Jour. Sci. 11: 380. [Com-  
parative note.]<sup>1</sup>
- 1917 *Perkinsiella bicoloris* Pierce, Man. Dangerous Ins. 1917: 206. [Listed.]<sup>1</sup>
- 1921 *Perkinsiella bicoloris* Muir, Hawaiian Plant. Rec. 25: 113. [Listed.]<sup>1</sup>
- 1936 *Perkinsiella bicoloris* Pemberton, Proc. Int. Soc. Sugar Cane Techn. 5: 118 (1).  
[Listed.]<sup>1</sup>
- 1936 *Perkinsiella bicoloris* Swezey, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 21: 101.  
[Listed.]<sup>1</sup>
- 1936 *Perkinsiella bicoloris* Swezey, Hawaiian Plant. Rec. 40: 101. [Listed.]<sup>1</sup>

**facialis** Distant

- 1912 *Pundaluoya facialis* Distant, Ann. Mag. Nat. Hist. (8) 9: 191. India<sup>1</sup>  
[n. sp.]<sup>1</sup>
- 1916 *Pundaluoya facialis* Distant, Fauna British India 6: 136. [Described.]<sup>1</sup>
- 1919 *Perkinsiella facilis* [sic] Muir, Canadian Ent. 51: 7. Equals *Pundaluoya facilis* [sic]  
Dist.
- 1921 *Perkinsiella facilis* [sic] Muir, Hawaiian Plant. Rec. 25: 113. [Listed.]<sup>1</sup>
- 1936 *Perkinsiella fascialis* [sic] Pemberton, Proc. Int. Soc. Sugar Cane Techn. 5: 118 (1).  
[Listed.]<sup>1</sup>
- 1936 *Perkinsiella facialis* Swezey, Hawaiian Plant. Rec. 40: 101. [Listed.]<sup>1</sup>
- 1936 *Perkinsiella facialis* Swezey, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 21: 101.  
[Listed.]<sup>1</sup>

*facilis*. Typographical error for *Perkinsiella facialis* Distant.

*fascialis*. Typographical error for *Perkinsiella facialis* Distant.

*fuscifrons* Muir. See *Dicranotropis fuscifrons* Muir.



*Perkinsiella***fuscipennis** Muir

- 1916 *Perkinsiella fuscipennis* Muir, Philippine Jour. Sci. 11: 380. [n. Mindanao<sup>1</sup>  
sp.]<sup>1</sup> :378. [Key.] (Philippine  
Islands)
- 1917 *Perkinsiella fuscipennis* Muir, Proc. Hawaiian Ent. Soc. 3: 325; Pl. 5, Fig. 30. [Illustrated.] Philippine  
Islands<sup>2</sup>
- 1921 *Perkinsiella fuscipennis* Muir, Hawaiian Plant. Rec. 25: 113. [Listed.]<sup>2</sup>
- 1936 *Perkinsiella fuscipennis* Pemberton, Proc. Int. Soc. Sugar Cane Techn. 5: 118 (1). [Listed.]<sup>2</sup>
- 1936 *Perkinsiella fuscipennis* Swezey, Hawaiian Plant. Rec. 40: 101. [Listed.]<sup>2</sup>
- 1936 *Perkinsiella fuscipennis* Swezey, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 21: 101. [Listed.]<sup>2</sup>

**graminicida** Kirkaldy

- 1906 *Perkinsiella graminicida* Kirkaldy, Bull. Hawaiian Sugar Pl. Queensland<sup>1</sup>  
Assoc. 1 (9) :406. [n. sp.]<sup>1</sup> :405. [Key.] :313. [Listed.]<sup>2</sup> :285. [Poly- Australia<sup>2</sup>  
morphism.] Hawaii<sup>3</sup>
- 1907 *Perkinsiella graminicida* Kirkaldy, Bull. Hawaiian Sugar Pl. (Hawaiian  
Assoc. 3: 137; Pl. 13, Figs. 14–15. [Notes, illustrated.] :136. [Key, Islands)  
nymph described.] :13. [Listed.]
- 1911 *Perkinsiella graminicida* Muir, Bull. Hawaiian Sugar. Pl. Assoc. 9: 6. [Listed.] :5.  
[Key.]
- 1916 *Perkinsiella graminicida* Muir, Philippine Jour. Sci. 11: 381. [Comparative note.]<sup>2</sup>
- 1917 *Perkinsiella graminicida* Muir, Proc. Hawaiian Ent. Soc. 3: 325; Pl. 5, Fig. 31. [Il-  
lustrated.]
- 1917 *Perkinsiella graminicola* [sic] Pierce, Man. Dangerous Ins. 1917: 206. [Listed.]<sup>3</sup>
- 1921 *Perkinsiella graminicida* Muir, Hawaiian Plant. Rec. 25: 113. [Listed.]<sup>2</sup>
- 1926 *Perkinsiella graminicida* Muir, Trans. Ent. Soc. London 1926: 378; Pl. 88, Fig. 13.  
[Morphology of the aedeagus, illustrated.]
- 1936 *Perkinsiella graminicida* Pemberton, Proc. Int. Soc. Sugar Cane Techn. 5: 118 (1).  
[Listed.]<sup>1</sup>
- 1936 *Perkinsiella graminicida* Swezey, Hawaiian Plant. Rec. 40: 101. [Listed.]<sup>1</sup>
- 1936 *Perkinsiella graminicida* Swezey, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 21: 101.  
[Listed.]<sup>1</sup>

*graminicola*. Typographical error for *Perkinsiella graminicida* Kirkaldy.

**insignis** Distant

- 1912 *Pundaluoya insignis* Distant, Ann. Mag. Nat. Hist. (8) 9: 190. [n. sp.]<sup>1</sup> India<sup>1</sup>
- 1916 *Pundaluoya insignis* Distant, Fauna British India 6: 135. [De- West Africa<sup>2</sup>  
scribed.]<sup>1</sup>
- 1919 *Perkinsiella insignis* Muir, Canadian Ent. 51: 7. Equals *Pundaluoya insignis* Dist.
- 1921 *Perkinsiella insignis* Muir, Proc. Hawaiian Ent. Soc. 4: 485. [Notes.]<sup>1</sup> Equals  
*Pundaluoya insignis* Dist.
- 1921 *Perkinsiella insignis* Muir, Hawaiian Plant. Rec. 25: 113. [Listed.]<sup>1</sup>
- 1923 *Perkinsiella insignis* Muir, Philippine Jour. Sci. 22: 173. [Comparative note.]
- 1936 *Perkinsiella insignis* Pemberton, Proc. Int. Soc. Sugar Cane Techn. 5: 118 (1).  
[Listed.]<sup>1,2</sup>
- 1936 *Perkinsiella insignis* Swezey, Hawaiian Plant. Rec. 40: 101. [Listed.]<sup>1,2</sup>
- 1936 *Perkinsiella insignis* Swezey, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 21: 101.  
[Listed.]<sup>1,2</sup>

**lalokensis** Muir

- 1911 *Perkinsiella lalokensis* Muir, Bull. Hawaiian Sugar Pl. Assoc. 9: Papua<sup>1</sup>  
9; Fig. 3. [n. sp., illustrated, food plant, sugar cane.]<sup>1</sup> :4. [Key.] :7, (New Guinea)  
11. [Comparative note.]

- 1917 *Perkinsiella lalokensis* Pierce, Man. Dangerous Ins. 1917: 206. [Listed.]<sup>1</sup>  
 1921 *Perkinsiella lalokensis* Muir, Hawaiian Plant. Rec. 25: 113. [Listed.]<sup>1</sup>  
 1936 *Perkinsiella lalokensis* Pemberton, Proc. Int. Soc. Sugar Cane Techn. 5: 118 (1).  
 [Listed.]<sup>1</sup>  
 1936 *Perkinsiella lalokensis* Swezey, Hawaiian Plant. Rec. 40: 101. [Listed.]<sup>1</sup>  
 1936 *Perkinsiella lalokensis* Swezey, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 21: 101.  
 [Listed.]<sup>1</sup>

**lineata** Muir

- 1916 *Perkinsiella lineata* Muir, Philippine Jour. Sci. 11: 380. [n. sp.]<sup>1</sup> Philippine  
 :378. [Key.] Islands<sup>1</sup>  
 1921 *Perkinsiella lineata* Muir, Hawaiian Plant. Rec. 25: 113. [Listed.]<sup>1</sup>  
 1928 *Perkinsiella lineata* Uichanco, Ann. Conv. Philippine Sugar Assoc. 6: 71 (7).  
 [Listed.]<sup>1</sup>  
 1936 *Perkinsiella lineata* Pemberton, Proc. Int. Soc. Sugar Cane Techn. 5: 118 (1).  
 [Listed.]<sup>1</sup>  
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 [Listed.]<sup>1</sup>  
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**manilae** Muir

- 1917 *Perkinsiella manilae* Muir, Proc. Hawaiian Ent. Soc. 3: 324; Pl. Luzon<sup>1</sup>  
 5, Fig. 32. [n. sp., illustrated.]<sup>1</sup> Philippine  
 1921 *Perkinsiella manilae* Muir, Hawaiian Plant. Rec. 25: 113. Islands<sup>2</sup>  
 [Listed.]<sup>2</sup>  
 1936 *Perkinsiella manilae* Pemberton, Proc. Int. Soc. Sugar Cane Techn. 5: 118 (1).  
 [Listed.]<sup>2</sup>  
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 [Listed.]<sup>2</sup>  
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**neoinsignis** Muir

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 Fig. 2. [n. sp., illustrated.]<sup>1</sup>

**pallidula** Muir

- 1911 *Perkinsiella pallidula* Muir, Bull. Hawaiian Sugar Pl. Assoc. 9: 6. Borneo<sup>4</sup>  
 [n. sp., food plant, sugar cane.]<sup>1</sup> :5. [Key.]  
 1917 *Perkinsiella pallidula* Pierce, Man. Dangerous Ins. 1917: 206. [Listed.]<sup>1</sup>  
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 [Listed.]<sup>1</sup>  
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 [Listed.]<sup>1</sup>  
 1936 *Perkinsiella pallidula* Swezey, Hawaiian Plant. Rec. 40: 101. [Listed.]<sup>1</sup>

**papuensis** Muir

- 1911 *Perkinsiella papuensis* Muir, Bull. Hawaiian Sugar Pl. Assoc. 9: Papua<sup>1</sup>  
 9. [n. sp., food plant, sugar cane.]<sup>1</sup> :5. [Key.] (New Guinea)  
 1917 *Perkinsiella papuensis* Pierce, Man. Dangerous Ins. 1917: 206. [Listed.]<sup>1</sup>  
 1921 *Perkinsiella papuensis* Muir, Hawaiian Plant. Rec. 25: 113. [Listed.]<sup>1</sup>  
 1936 *Perkinsiella papuensis* Pemberton, Proc. Int. Soc. Sugar Cane Techn. 5: 118 (1).  
 [Listed.]<sup>1</sup>

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1936 *Perkinsiella papuensis* Swezey, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **21**: 101. [Listed.]<sup>1</sup>

1936 *Perkinsiella papuensis* Swezey, Hawaiian Plant. Rec. **40**: 101. [Listed.]<sup>1</sup>

*pseudomaidis* Kirkaldy. See *Dicranotropis pseudomaidis* Kirkaldy.

**pseudosinensis** Muir

1916 *Perkinsiella pseudosinensis* Muir, Philippine Jour. Sci. **11**: 381. Mindinao<sup>1</sup>  
[n. sp.]<sup>1</sup> :378. [Key.] (Philippine

1917 *Perkinsiella pseudosinensis* Muir, Proc. Hawaiian Ent. Soc. **3**: Islands)  
325; Pl. 5, Fig. 27. [Illustrated.] Philippine

1917 *Perkinsiella pseudosinensis* Copeland, Philippine Agr. and For. **5**: Islands<sup>2</sup>  
344. [Listed.]<sup>2</sup>

1921 *Perkinsiella pseudosinensis* Muir, Hawaiian Plant. Rec. **25**: 113. [Listed.]<sup>2</sup>

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(1). [Listed.]<sup>2</sup>

1936 *Perkinsiella pseudosinensis* Swezey, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **21**:  
101. [Listed.]<sup>2</sup>

1936 *Perkinsiella pseudosinensis* Swezey, Hawaiian Plant. Rec. **40**: 101. [Listed.]<sup>2</sup>

**rattlei** Muir

1911 *Perkinsiella rattlei* Muir, Bull. Hawaiian Sugar Pl. Assoc. **9**: 6; Papua<sup>1</sup>  
Fig. 1. [n. sp., illustrated.]<sup>1</sup> :5. [Key.] (New Guinea)

1917 *Perkinsiella rattlei* Pierce, Man. Dangerous Ins. **1917**: 206. New Caledonia<sup>2</sup>  
[Listed.]<sup>1</sup> New Guinea<sup>3</sup>

1921 *Perkinsiella rattlei* Muir, Hawaiian Plant. Rec. **25**: 113. [Listed.]<sup>1</sup>

1934 *Perkinsiella rattlei* Muir, Ann. Mag. Nat. Hist. (10) **14**: 578. [Listed.]<sup>2,3</sup>

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[Listed.]<sup>2</sup>

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[Listed.]<sup>2</sup>

1936 *Perkinsiella rattlei* Swezey, Hawaiian Plant. Rec. **40**: 101. [Listed.]<sup>1,2</sup>

*saccaricida*. Typographical error for *Perkinsiella saccharicida* Kirkaldy.

*saccharacida*. Typographical error for *Perkinsiella saccharicida* Kirkaldy.

**saccharicida** Kirkaldy

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21. [Economics.]<sup>13</sup> (Hawaiian

1903 *Perkinsiella saccharicida* Kirkaldy, Entomologist **36**: 179. [n. sp.]<sup>6</sup> Islands)

1903 [*Perkinsiella saccharicida*] Eckart, The question of a remedy for Queensland<sup>2</sup>  
the leaf-hopper :1. [Economics.]<sup>13</sup> New South

1903 [*Perkinsiella saccharicida*] Van Dine, Cir. Hawaiian Sugar Pl. Wales<sup>8</sup>  
Assoc. **1903**: 7. [Economics.]<sup>13</sup>

1903 *Perkinsiella saccharicida* Perkins, Bull. Bd. Comm. Agr. For. Java<sup>4</sup>  
Hawaii Div. Ent. **1**: 5. [Economics.]<sup>13</sup> Malay States<sup>5</sup>

1903 [*Perkinsiella saccharicida*] Perkins, Remedy for Leaf-hopper on Oahu<sup>6</sup>  
Sugar Cane **1903**: 7. [Economics.]<sup>13</sup> (Hawaiian

1904 *Perkinsiella saccharicida* Kirkaldy, Hawaiian For. Agr. **1**: 184. Fiji<sup>7</sup>  
[Listed.]<sup>13</sup> Amboyna

1904 [*Perkinsiella saccharicida*] Osborn, Proc. Soc. Prom. Agr. Sci. **25**: Malaysia<sup>8</sup>  
36. [Economics, parasites.]<sup>1</sup>

1904 *Perkinsiella saccharicida* Perkins, Rept. Exp. Sta. Hawaiian Sugar Pl. Assoc. **1904**: 43 [Economics.]<sup>13</sup> Formosa<sup>9</sup>

1904 *Perkinsiella saccharicida* Van Dine, Bull. Hawaii Agr. Exp. Sta. Australia<sup>10</sup>  
**5**: 7; Figs. 1-8. [Economics, illustrated.]<sup>13</sup> China<sup>11</sup>

1905 [*Perkinsiella saccharicida*] Perkins, Bull. Hawaiian Sugar Pl. Mauritius<sup>12</sup>  
Assoc. Div. Ent. **1** (1) :1. [Parasites.] Hawaiian  
Islands<sup>13</sup>

- 1905 [*Perkinsiella saccharicida*] Perkins, Bull. Hawaiian Sugar Pl. Natal<sup>14</sup>  
Assoc. Div. Ent. 1 (2) :75. [Parasites.] Cape Province<sup>15</sup>
- 1905 [*Perkinsiella saccharicida*] Perkins, Bull. Hawaiian Sugar Pl. Philippine  
Assoc. Div. Ent. 1 (3) :90. [Parasites.] Islands<sup>16</sup>
- 1905 [*Perkinsiella saccharicida*] Perkins, Bull. Hawaiian Sugar Pl. Negros<sup>17</sup>  
Assoc. Div. Ent. 1 (4) :123. [Parasites.] (Philippine  
Islands)
- 1905 [*Perkinsiella saccharicida*] Perkins, Bull. Hawaiian Sugar Pl. Dutch East  
Assoc. Div. Ent. 1 (6) :187. [Parasites.] Indies<sup>18</sup>
- 1906 [*Perkinsiella saccharicida*] Perkins, Bull. Hawaiian Sugar Pl. Indies<sup>18</sup>  
Assoc. Div. Ent. 1 (8) :241. [Parasites.]
- 1906 [*Perkinsiella saccharicida*] Perkins, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 1 (10)  
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Pl. 26, Figs. 1-8; Pl. 27, Figs. 1-5. [Described, illustrated.]<sup>2,3,13</sup>
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:316. [Listed.] :284, 285. [Polymorphism.]
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Figs. 5-8; Pl. 13, Figs. 11-13. [Notes, illustrated.]<sup>4</sup> :136. [Nymph described, key.] :13  
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Equals *Perkinsiella saccharida* [sic] Kirk.
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:6. [Comparative note.]
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93: 12; Pl. II; Text fig. 1. [Economics, illustrated.]<sup>2,4,13</sup>
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[Notes.]<sup>1,2</sup>
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alimentary canal, illustrated.]<sup>13</sup>
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- 1939 *Perkinsiella saccharicida* Bawden, Plant viruses and virus diseases **1939**: 53. [Disease vector.]
- 1939 *Perkinsiella saccharicida* Lindberg, Acta Zool. Fennica **22**: 155. [Parasites.]<sup>13</sup>
- 1940 *Perkinsiella saccharicida* Leach, Ins. transm. plant dis. **1940**: 355, 565; Fig. 161. [Disease vector, illustrated.]<sup>2</sup>
- 1940 *Perkinsiella saccharicida* Christenson, Jour. Econ. Ent. **33**: 828. [Disease vector.]<sup>2</sup>
- 1940 *Perkinsiella saccharicida* Clausen, Entomophagous insects **1940**: 316, 502; Fig. 149B. [Parasites, illustrated.]<sup>1,7,11</sup>

*saccharida*. Typographical error for *Perkinsiella saccharicida* Kirkaldy.

*saccharicida*. Typographical error for *Perkinsiella saccharicida* Kirkaldy.

*saccharivora* Muir

- 1916 *Perkinsiella saccharivora*. Muir, Philippine Jour. Sci. **11**: 379. [n. Luzon<sup>1</sup>  
sp.]<sup>1</sup> :378. [Key.] Philippine
- 1917 *Perkinsiella saccharivora* Copeland, Philippine Agr. and For. **5**: Islands<sup>2</sup>  
344. [Listed.]<sup>2</sup>
- 1917 *Perkinsiella saccharivora* Muir, Proc. Hawaiian Ent. Soc. **3**: 325. [Comparative  
note]
- 1921 *Perkinsiella saccharivora* Muir, Hawaiian Plant. Rec. **25**: 113. [Listed.]<sup>2</sup>
- 1928 *Perkinsiella saccharivora* Uichanco, Ann. Conv. Philippine Sugar Assoc. **6**: 71 (7).  
[Listed.]<sup>2</sup>
- 1936 *Perkinsiella saccharivora* Swezey, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **21**: 101.  
[Listed.]<sup>2</sup>
- 1936 *Perkinsiella saccharivora* Swezey, Hawaiian Plant. Rec. **40**: 101. [Listed.]<sup>2</sup>

*sinensis* Kirkaldy

- 1907 *Perkinsiella sinensis* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 138; Pl. 12, Figs. 14-15. [n. sp., illustrated.]<sup>1</sup> :136. [Key.] :12. China<sup>1</sup>  
Borneo<sup>2</sup>  
[Listed.] Japan<sup>3</sup>
- 1911 *Perkinsiella sinensis* Muir, Bull. Hawaiian Sugar Pl. Assoc. **9**: 6. West Borneo<sup>4</sup>  
[Listed, comparative note.]<sup>1,2</sup> :5. [Key.] Formosa<sup>5</sup>
- 1913 *Perkinsiella sinensis* Muir, Proc. Hawaiian Ent. Soc. **2**: 241. India<sup>6</sup>  
[Comparative note.]
- 1916 *Perkinsiella sinensis* Muir, Philippine Jour. Sci. **11**: 380, 381. [Comparative note.]<sup>1,3</sup>
- 1916 *Perkinsiella sinensis* Muir, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **13**: 53.  
[Listed.]<sup>1</sup> :55. [Parasites.]





*Perkinsiella*

- 1903 *Dicranotropis vastatrix* Melichar, Homop.-Fauna Ceylon. 1903: 107. [Listed.]<sup>1</sup> Formosa<sup>8</sup>  
Japan<sup>9</sup>
- 1904 *Dicranotropis vastatrix* Busse, Arb. Biol. Land Forst. Ges. 4: 354; Fig. 7. [Economics, illustrated.] Italian  
Somaliland<sup>10</sup>
- 1904 *Dicranotropis vastatrix* Van Dine, Bull. Hawaii Agr. Exp. Sta. 5: 17. [Listed.]<sup>1,3</sup> Ceram<sup>11</sup>  
Borneo<sup>12</sup>
- 1905 *D[icranotropis] vastatrix* Melichar, Wien. Ent. Zeit. 24: 286. [Comparative note.] Papua<sup>13</sup>  
(New Guinea)
- 1905 *Dicranotropis vastatrix* Melichar, Wien. Ent. Zeit. 24: 286. [Notes]<sup>2</sup> East Africa (?)<sup>14</sup>  
Luzon<sup>16</sup>
- 1906 *Dicranotropis vastatrix* van Deventer, Handboek Suikerrietcultuur op Java 12: 167. [Economics.]<sup>1</sup> (Philippine  
Islands)
- 1906 *Perkinsiella vastatrix* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 1 (9) :407 [Listed, food plants]<sup>1,2</sup> Equals *Dicranotropis vastatrix* Bredd. :405. [Key.] Celebes<sup>16</sup>  
Negros<sup>17</sup>
- 1907 *Perkinsiella vastatrix* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 137; Pl. 12, Figs. 12-13 [Notes, illustrated.]<sup>1</sup> :135. [Key.] (Philippine  
Islands)
- 1907 *Perkinsiella vastatrix* Kirkaldy, Ann. Soc. Ent. Belgique 51: 124 (4). [Synonymy]<sup>1</sup> Equals *Dicranotropis vastatrix* Bredd. :123 (3). [Listed.] Dutch East  
Indies<sup>18</sup>
- 1910 *Delphacodes (Dicranotropis) vastatrix* Matsumura, Schädlichen und nützlichen Ins. Formosas :15. [Listed.]<sup>1,8,9</sup>
- 1910 *Delphacodes vastatrix* Matsumura, Zeits. Wiss. Insektenbiol. 6: 103. [Listed.]<sup>8</sup>
- 1911 *Perkinsiella vastatrix* Muir, Bull. Hawaiian Sugar Pl. Assoc. 9: 9. [Notes.]<sup>1,3,4,11,13</sup> :4. [Key.]
- 1913 *Perkinsiella vastatrix* Reh, Sorauer's Handbuch der Pflanzenkrankheiten 3: 643. [Listed.]<sup>1</sup> Equals *Dicranotropis vastatrix* Bredd.
- 1914 *Perkinsiella vastatrix* Girault, Zeits. Wiss. Insektenbiol. 10: 136. [Parasites.]<sup>1,4</sup>
- 1915 *Delphacodes vastatrix* Schumacher, Mitt. Zool. Mus. Berlin 8: 133. [Listed.]<sup>1,8,9</sup>
- 1916 *Perkinsiella vastatrix* Muir, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 13: 56. [Parasites.]<sup>1</sup> :69. [Parasites.]<sup>12</sup> :76. [Parasites.]<sup>4</sup>
- 1916 *Perkinsiella vastatrix* Muir, Philippine Jour. Sci. 11: 378. [Food plant, sugar-cane, key.]<sup>1,7</sup> Equals *Dicranotropis vastatrix* Bredd.
- 1917 *Perkinsiella vastatrix* Copeland, Philippine Agr. and For. 5: 344. [Economics.]<sup>1,7</sup>
- 1917 *Perkinsiella vastatrix* Pierce, Man. Dangerous Ins. 1917: 206. [Listed.]<sup>1,3,13</sup>
- 1917 *Delphacodes vastatrix* Pierce, Man. Dangerous Ins. 1917: 206. [Listed.]<sup>1</sup>
- 1917 *Dicranotropis vastatrix* Pierce, Man. Dangerous Ins. 1917: 206. [Listed.]<sup>1</sup>
- 1919 *Perkinsiella (Dicranotropis) vastatrix* Dammerman, Landbouwdierkunde van Oost-Indië 1919: 169. [Economics.]<sup>18</sup>
- 1921 *Perkinsiella vastatrix* Muir, Hawaiian Plant. Rec. 25: 113. [Listed.]<sup>1,3,4,5,7,11,13,14</sup>
- 1926 *Perkinsiella vastatrix* Gater, Bull. Dept. Agr. Federated Malay States and Straits Settlements 38: 5. [Listed.]<sup>6</sup>
- 1927 *Perkinsiella vastatrix* Urbino, Philippine Agr. 16: 397-431; Pls. 1, 2. [Economics, illustrated.]<sup>7</sup>
- 1928 *Perkinsiella vastatrix* Uichanco, Ann. Conv. Philippine Sugar Assoc. 6: 70 (6). [Economics.]<sup>7</sup>
- 1929 *Perkinsiella vastatrix* Pierce, Bull. Victorias Mill. Co. 2: 31, 32, 33. [Economics.]<sup>7</sup>
- 1929 *Perkinsiella vastatrix* Muir, Ann. Mag. Nat. Hist. (10) 4: 188. [Economics.]<sup>1</sup> :191. [Listed.]<sup>14</sup>
- 1930 *Perkinsiella vastatrix* Pierce, Proc. Ent. Soc. Washington 32: 103. [Economics.]<sup>17</sup>
- 1930 *Perkinsiella vastatrix* Pierce, Bull. Victorias Mill. Co. 6: 10. [Economics.]<sup>17</sup>
- 1931 *Delphacodes vastatrix* Clausen, Cir. United States Dept. Agr. 168: 45. [Listed.]<sup>8,9</sup>
- 1931 *Perkinsiella vastatrix* Pierce, Jour. New York Ent. Soc. 39: 583. [Listed.]<sup>17</sup>
- 1933 *Perkinsiella vastatrix* Ocfemia, Bull. Nat. Appl. Sci. 3: 277. [Disease vector.]<sup>6</sup>
- 1934 *Perkinsiella vastatrix* Ocfemia, American Jour. Bot. 21: 113; Pl. 1; Text figs. 1-2. [Disease vector, illustrated.]<sup>15</sup>

- 1934 *Perkinsiella vastatrix* Ocfemia, Philippine Agr. **23**: 473; Fig. 2. [Disease vector, illustrated.]<sup>15</sup>
- 1934 *Perkinsiella vastatrix* Uichanco, Philippine Agr. **23**: 420, 421. [Economics.]<sup>7</sup>
- 1934 *Perkinsiella vastatrix* Kunkel, Ann. Rept. Quebec Soc. Prot. Pl. **25-26**: 30 (8). [Disease vector.]
- 1934 *Perkinsiella vastatrix* Pemberton, Proc. Assoc. Hawaiian Sugar Tech. **1934**: 9. [Economics.]<sup>1,7</sup>
- 1935 *Perkinsiella vastatrix* Cook, Jour. Agr. Univ. Puerto Rico **19**: 419. [Listed.]<sup>7</sup>
- 1935 *Dicanotropis vastatrix* Lallemand, Ann. Mus. Genova **58**: 81. [Listed.]<sup>10</sup>
- 1936 *Perkinsiella vastatrix* Holloway, Facts about Sugar **31**: 16. [Economics.]<sup>1,4,5,6,7,8,9,11,13,16</sup>
- 1936 *Perkinsiella vastatrix* Otones, Philippine Jour. Agr. **7**: 129. [Disease vector.]
- 1936 *Perkinsiella vastatrix* Pemberton, Proc. Int. Soc. Sugar Cane Techn. **5**: 118 (1). [Listed.]<sup>1,4,5,7,8,11,12,13,16</sup>
- 1936 *Perkinsiella vastatrix* Swezey, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **21**: 100. [Listed.]<sup>1,4,5,7,11,12,13</sup>
- 1936 *Perkinsiella vastatrix* Swezey, Hawaiian Plant. Rec. **40**: 100. [Listed.]<sup>1,4,5,7,11,12,13</sup>
- 1937 *Perkinsiella vastatrix* Smith, A textbook of plant virus diseases **1937**: 432. [Disease vector.]<sup>7</sup>
- 1938 *Perkinsiella vastatrix* Poos, Jour. Econ. Ent. **31**: 30. [Disease vector.]<sup>7</sup>
- 1939 *Perkinsiella vastatrix* Anon, A handbook of Philippine agriculture **1939**: 278. [Disease vector.]<sup>7</sup>
- 1940 *Perkinsiella vastatrix* Christenson, Jour. Econ. Ent. **33**: 828. [Disease vector.]<sup>7</sup>
- 1940 *Perkinsiella vastatrix* Leach, Ins. transm. plant dis. **1940**: 355, 356, 565. [Disease vector.]<sup>7</sup>

**vitalisi** Muir

- 1925 *Perkinsiella vitalisi* Muir, Ent. Monthly Mag. **61**: 222; Fig. 16. Tonkin<sup>1</sup>  
[n. sp., illustrated.]<sup>1</sup> Indo-China<sup>2</sup>
- 1936 *Perkinsiella vitalisi* Pemberton, Proc. Int. Soc. Sugar Cane Techn. **5**: 118 (1). [Listed.]<sup>2</sup>
- 1936 *Perkinsiella vitalisi* Swezey, Hawaiian Plant. Rec. **40**: 101. [Listed.]<sup>2</sup>
- 1936 *Perkinsiella vitalisi* Swezey, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **21**: 101. [Listed.]<sup>2</sup>

**vitiensis** Kirkaldy

- 1906 *Perkinsiella vitiensis* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **1** (9): 406. [n. sp.]<sup>1</sup>:405. [Key.]<sup>1</sup>:313. [Listed.]<sup>1</sup> Fiji<sup>1</sup>  
Savage Island<sup>2</sup>
- 1906 *Perkinsiella vitiensis* Muir, Bull. Hawaiian Sugar Pl. Assoc. **2**: 3. (Polynesia)  
[Note.]<sup>1</sup> Samoa<sup>3</sup>
- 1907 *Perkinsiella vitiensis* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 137; Pl. 13, Figs. 9-10. [Notes, illustrated.]<sup>1</sup>:136. [Key, nymph described.]<sup>1</sup>:13. [Listed.]
- 1909 *Perkinsiella vitiensis* Pierce, Bull. United States Nat. Mus. **66**: 178. [Parasitism.]<sup>1</sup>
- 1911 *Perkinsiella vitiensis* Muir, Bull. Hawaiian Sugar Pl. Assoc. **9**: 5. [Listed, key.]
- 1914 *Perkinsiella vitiensis* Girault, Zeits. Wiss. Insektenbiol. **10**: 139. [Parasites.]<sup>1</sup>
- 1916 *Perkinsiella vitiensis* Muir, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **13**: 56. [Parasites.]<sup>1</sup>
- 1917 *Perkinsiella vitiensis* Pierce, Man. dangerous Ins. **1917**: 206. [Listed.]<sup>1</sup>
- 1919 *Perkinsiella vitiensis* Veitch, Bull. Ent. Res. **10**: 37. [Economics.]<sup>1</sup>
- 1921 *Perkinsiella vitiensis* Muir, Hawaiian Plant. Rec. **25**: 113. [Listed.]<sup>1,2</sup>
- 1921 *Perkinsiella vitiensis* Muir, Proc. Hawaiian Ent. Soc. **4**: 576. [Notes.]<sup>1,2</sup>
- 1923 *Perkinsiella vitiensis* Veitch, Agr. Rept. Colonial Sugar Ref. Co. **7**: 22; Pl. VI, Figs. 2-4. [Economics, illustrated.]<sup>1</sup>
- 1924 *Perkinsiella vitiensis* Swezey, Proc. Hawaiian Ent. Soc. **5**: 385. [Economics.]<sup>1</sup>
- 1927 *Perkinsiella vitiensis* Muir, Fulgoroidea of Samoa :11. [Notes.]<sup>1,2,3</sup>

*Perkinsiella*—*Phyllodictus*

- 1927 *Perkinsiella vitiensis* Hopkins, Bull. Ent. Res. **18**: 24. [Listed.]<sup>3</sup>  
 1934 *Perkinsiella vitiensis* Pemberton, Proc. Hawaiian Ent. Soc. **8**: 506. [Listed.]<sup>1</sup>  
 1936 *Perkinsiella vitiensis* Swezey, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **21**: 101. [Listed.]<sup>1,2,3</sup>  
 1936 *Perkinsiella vitiensis* Swezey, Hawaiian Plant. Rec. **40**: 101. [Listed.]<sup>1,2,3</sup>  
 1936 *Perkinsiella vitiensis* Holloway, Facts about Sugar **31**: 16. [Economics.]<sup>1</sup>  
 1936 *Perkinsiella vitiensis* Pemberton, Proc. Int. Soc. Sugar Cane Techn. **5**: 118 (1). [Listed.]<sup>1,2,3</sup>  
 1937 *Perkinsiella vitiensis* Smith, A textbook of plant virus diseases **1937**: 432. [Listed.]  
 1938 *Perkinsiella vitiensis* Poos, Jour. Econ. Ent. **31**: 30. [Disease vector.]<sup>1</sup>  
 1939 *Perkinsiella vitiensis* Hassan, Trans. Ent. Soc. London **89**: 363. [Parasites.]<sup>1</sup>  
 1939 *P[erkinsiella] vitiensis* Lindberg, Acta Zool. Fennica **22**: 155. [Parasites.]<sup>1</sup>  
 1940 *Perkinsiella vitiensis* Clausen, Entomophagous insects **1940**: 501. [Parasites.]<sup>1</sup>

Genus **PHYLLODICTUS** Ball

Orthotype *Phyllodictus tessellatus* [n. sp.] 1926 Ball, Florida Ent. **10**: 18.

- Phyllodictus 1926 Ball, Florida Ent. **10**: 18. [gen. n.] :19. [Key to species.]  
 1940 Neave, Nomenclator Zoologicus **3**: 742. [Listed.]

**flabellatus** Ball

- 1903 *Phylloctenus flabellatus* Ball, Canadian Ent. **35**: 232. [n. sp.]<sup>1,2</sup> Washington,  
 1903 *Phylloctenus fuscous* Osborn, Ohio Nat. **4**: 46. [n. sp.]<sup>3</sup> D. C.<sup>1</sup>  
 1903 *Phylloctenus koebelei* Osborn, Ohio Nat. **4**: 44. [n. sp.]<sup>1,3</sup> :46. [Com- New Jersey<sup>2</sup>  
 parative note.] Ohio<sup>3</sup>  
 1904 *Phylloctenus flabellatus* Swezey, Prelim. Cat. Fulgoridae North Pennsylvania<sup>4</sup>  
 America **1904**: 36. [Listed.]<sup>1,2</sup> New York<sup>5</sup>  
 1904 *Phylloctenus fuscous* Swezey, Prelim. Cat. Fulgoridae North Alabama<sup>6</sup>  
 America **1904**: 36. [Listed.]<sup>3</sup> Eastern States<sup>7</sup>  
 1904 *Phylloctenus koebelei* Swezey, Prelim. Cat. Fulgoridae North Georgia<sup>8</sup>  
 America **1904**: 36. [Listed.]<sup>3</sup> Mississippi<sup>9</sup>  
 1904 *Phylloctenus fuscous* [sic] Osborn, Ohio Nat. **4**: 100. [Listed.]<sup>3</sup> Florida<sup>10</sup>  
 1904 *Phylloctenus koebelei* Osborn, Ohio Nat. **4**: 100. [Listed.]<sup>3</sup> North Carolina<sup>11</sup>  
 1904 *Phylloctenus flabellatus* Wirtner, Ann. Carnegie Mus. **3**: 216. [Listed.]<sup>4</sup>  
 1909 [*Phylloctenus*] *koebelei* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **9**: 198, 199. [Comparative note.]  
 1909 [*Phylloctenus*] *fuscous* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **9**: 199. [Comparative note.]  
 1909 [*Phylloctenus*] *flabellatus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **9**: 199. [Comparative note.]  
 1912 *Pissonotus piceus* Spooner, Canadian Ent. **44**: 238. [n. sp.]<sup>5</sup>  
 1914 *Phylloctenus fuscous* [sic] Crawford, Mon. Delphacidae :585. [Notes.]<sup>3</sup>  
 1914 *Phylloctenus flabellatus* Crawford, Mon. Delphacidae :584; pl. 47, fig. G. [Described, illustrated.]<sup>1,2,4,5</sup> :583. [Key.] :585. [Comparative note.]  
 1914 *Phylloctenus koebelei* Crawford, Mon. Delphacidae :583. [Key.] :585. [Notes.]<sup>3</sup>  
 1914 *Dicranotropis* (?) *piceus* Crawford, Mon. Delphacidae :601. [Notes.] Equals *Pissonotus piceus* Spooner.  
 1916 *Phylloctenus fuscous* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>7</sup>  
 1916 *Pissonotus piceus* Van Duzee, Check List Hemip. America :83. [Listed.]<sup>7</sup>  
 1916 *Phylloctenus flabellatus* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>7</sup>  
 1916 *Phylloctenus koebelei* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>7</sup>  
 1917 *Phylloctenus flabellatus* Van Duzee, Cat. Hemip. America :770. [Listed.]<sup>1,2,4,5</sup>  
 1917 *Phylloctenus fuscous* Van Duzee, Cat. Hemip. America :770. [Listed.]<sup>3</sup>  
 1917 *Phylloctenus koebelei* Van Duzee, Cat. Hemip. America :770. [Listed.]<sup>1,3</sup>

- 1917 *Pissonotus piceus* Van Duzee, Cat. Hemip. America :768. [Listed.]<sup>5</sup>  
 1920 *Phyllodinus flabellatus* Spooner, Ent. News **31**: 45. [Ecology.]<sup>8</sup>  
 1923 *Phyllodinus flabellatus* Metcalf, Jour. Elisha Mitchell Soc. **38**: 167; Pl. 45, Fig. 103; Pl. 68, Fig. 634. [Key, illustrated.] :148. Equals *Phyllodinus koebelei* Osb. :212. [Comparative note.]  
 1923 *Phyllodinus piceus* Metcalf, Jour. Elisha Mitchell Soc. **38**: 167. [Key.] :148. Equals *Pissonotus piceus* Spoon. :149. [Listed.]  
 1923 *Phyllodinus fuscous* Metcalf, Jour. Elisha Mitchell Soc. **38**: 167. [Key.]  
 1923 *Phyllodinus koebelei* Van Duzee, Fulgoridae Hemip. Connecticut :51. [Note.]  
 1923 *Phyllodinus flabellatus* Van Duzee, Fulgoridae Hemip. Connecticut :50. [Key.] :51. [Notes.]<sup>1,6</sup>  
 1926 *Phyllodictus flabellatus* Ball, Florida Ent. **10**: 19. [Described.]<sup>1,2,3,4,5,9,10</sup> [Key.] Equals *Phyllodinus koebelei* Osb. Equals *Phyllodinus fuscous* Osb. Equals *Pissonotus piceus* Spoon.  
 1926 *Phyllodictus flabellatus* Osborn, Ann. Ent. Soc. America **19**: 19. Equals *Phyllodinus flabellatus* Ball.  
 1927 *Phyllodinus koebelei* Muir, Fulgoroidea of Samoa :11. [Listed.]  
 1928 *Phyllodinus flabellatus* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. **101**: 181. [Listed.]<sup>6</sup>  
 1928 *Pissonotus piceus* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. **101**: 181. [Listed.]<sup>5</sup>  
 1938 *Phyllodinus koebelei* [sic] Brimley, Insects of North Carolina **1938**: 102. [Listed.]<sup>11</sup>  
 1938 *Phyllodinus piceus* Brimley, Insects of North Carolina **1938**: 102. [Listed.]<sup>11</sup>  
 1938 *Phyllodinus flabellatus* Osborn, Bull. Ohio Biol. Surv. **6**: 346. [Described.]<sup>3</sup>

**neotropicus** Muir

- 1926 *Phyllodinus neotropicus* Muir, Bull. Hawaiian Sugar Pl. Assoc. Ecuador<sup>1</sup>  
**18**: 18; Pl. 2, Figs. 41, 42. [n. sp., illustrated.]<sup>1</sup>

**nitens** Van Duzee

- 1909 *Phyllodinus nitens* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **9**: 198. Florida<sup>1</sup>  
 [n. sp.]<sup>1</sup> Jamaica<sup>2</sup>  
 1914 *Phyllodinus nitens* Crawford, Mon. Delphacidae :585. [Listed.]<sup>2</sup> Southern States<sup>3</sup>  
 :583. [Key.]  
 1914 *Phyllodinus nitens* Van Duzee, Psyche **21**: 164. [Listed.]<sup>1</sup>  
 1914 *Phyllodinus nitens* Barber, Bull. American Mus. Nat. Hist. **33**: 529. [Listed.]<sup>1</sup>  
 1916 *Phyllodinus nitens* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>3</sup>  
 1917 *Phyllodinus nitens* Van Duzee, Cat. Hemip. America :769. [Listed.]<sup>1</sup>  
 1921 *Phyllodinus nitens* Osborn, Florida Ent. **5**: 18. [Listed.]<sup>1</sup>  
 1923 *Phyllodinus nitens* Metcalf, Jour. Elisha Mitchell Soc. **38**: 167. [Key.]  
 1924 *Phyllodinus nitens* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 8. [Note.]  
 1926 *Phyllodinus nitens* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 19. [Comparative note.]  
 1926 *Phyllodictus nitens* Ball, Florida Ent. **10**: 20. [Described.]<sup>1</sup> Equals *Phyllodinus nitens* Van Duzee :19. [Key.]

**tessellatus** Ball

- 1926 *Phyllodictus tessellatus* Ball, Florida Ent. **10**: 19. [n. sp.]<sup>1,2</sup> [Key.] Florida<sup>1</sup>  
 Mississippi<sup>2</sup>

Genus **PHYLLODINUS** Van Duzee

Haplotype *Phyllodinus nervatus* [n. sp.] 1897 Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 240.

Type *Phyllodinus nervatus* 1909 Van Duzee, Canadian Ent. **41**: 384.



*Phyllodinus*

- Type *Phyllodinus nervatus* 1914 Crawford, Mon. Delphacidae :583.  
 Type *Phyllodinus nervatus* 1915 Muir, Canadian Ent. **47**: 266.  
 Haplotype *Phyllodinus nervatus* 1916 Van Duzee, Check List Hemip. America :84.  
 Haplotype *Phyllodinus nervatus* 1917 Van Duzee, Cat. Hemip. America :769.  
 Type *Phyllodinus nervatus* 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 8.  
 Type *Phyllodinus nervatus* 1926 Ball, Florida Ent. **10**: 17.
- Phyllodinus 1897 Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 240. [gen. n.] :229. [Key.] :227. [Listed.] :242. [Comparative note.]  
 1902 Waterhouse, Index Zool. :287. [Listed.]  
 1904 Swezey, Prelim. Cat. Fulgoridae North America **1904**: 36. [Listed.]  
 1904 Wirtner, Ann. Carnegie Mus. **3**: 215. [Listed.]  
 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 124. [Morphology.]  
 1909 Van Duzee, Canadian Ent. **41**: 384. [Listed.]  
 1912 Spooner, Canadian Ent. **44**: 239. [Comparative note.]  
 1913 Muir, Proc. Hawaiian Ent. Soc. **2**: 246. [Listed.]  
 1914 Van Duzee, Psyche **21**: 164. [Listed.]  
 1914 Crawford, Mon. Delphacidae :583. [Described, Key to species.] :563. [Key.] :601. [Comparative note.]  
 1915 Muir, Canadian Ent. **47**: 212, 266. [Listed.] :297. [Key, note.]  
 1916 Van Duzee, Check List Hemip. America :84. [Listed.]  
 1916 Muir, Philippine Jour. Sci. **11**: 383. [Notes.]  
 1917 Muir, Proc. Hawaiian Ent. Soc. **3**: 319. [Listed.] :316, 318. [Notes.]  
 1917 Van Duzee, Cat. Hemip. America :769. [Listed.]  
 1923 Metcalf, Jour. Elisha Mitchell Soc. **38**: 167. [Key, Key to North American species.] :143. [Morphology.]  
 1923 Muir, Philippine Jour. Sci. **22**: 173. [Comparative note.]  
 1923 Van Duzee, Fulgoridae Hemip. Connecticut :45. [Key] :50. [Described, key to species.]  
 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 5. [Key.] :8. [Notes.] Equals *Platybrachys* Bier. [error.]  
 1926 Ball, Florida Ent. **10**: 17. [Described.]  
 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 18. [Listed.]  
 1926 Muir, Ann. Mag. Nat. Hist. (9) **17**: 28. Equals *Asiracina* (?) Mel. [error.]  
 1927 Johnson, Biol. Surv. Mount Desert Reg. **1**: 33. [Listed.]  
 1927 Muir, Fulgoroidea of Samoa :11. [Listed.]  
 1928 Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. **101**: 181. [Listed.]  
 1929 Muir, Ann. Mag. Nat. Hist. (10) **4**: 192. [Listed.]  
 1931 Muir, Rec. Australian Mus. **18**: 72. [Comparative note.]  
 1934 Schulze, Kükenthal and Heider, Nomenclator animalium **4** (19):2667. [Listed.]  
 1935 Wu, Cat. Ins. Sinensium. **2**: 120. [Listed.]  
 1938 Brimley, Insects of North Carolina **1938**: 102. [Listed.]  
 1938 Britton, Bull. Connecticut Geol. Nat. Hist. Surv. **60**: 22. [Listed.]  
 1938 Osborn, Bull. Ohio Biol. Surv. **6**: 346. [Listed.] :330. [Key.]  
 1940 Neave, Nomenclator Zoologicus **3**: 742. [Listed.]

**albofasciatus** Muir

- 1929 *Phyllodinus albofasciata* Muir, Ann. Mag. Nat. Hist. (10) **4**: 192; Natal<sup>1</sup> Figs. 1, 2. [n. sp., illustrated.]

**badius** Muir

- 1920 *Phyllodinus badius* Muir, Bull. Ent. Res. **10**: 144. [n. sp.]<sup>1</sup> Nigeria<sup>1</sup>  
 1929 *Phyllodinus badius* Muir, Ann. Mag. Nat. Hist. (10) **4**: 194; Fig. 3. [Listed, illustrated.]<sup>1</sup> :195. [Comparative note.]

*brunneus* Van Duzec. See *Pissonotus brunneus* Van Duzec.

**evansi** Muir

- 1929 *Phyllodinus evansi* Muir, Ann. Mag. Nat. Hist. (10) **4**: 194. [n. sp.]<sup>1</sup> Gold Coast<sup>1</sup>

*flabellatus* Ball. See *Phyllodictus flabellatus* Ball.

*fuscous* Osborn. See *Phyllodictus flabellatus* Ball.

*fuscus*. Typographical error for *Phyllodinus fuscous* Osborn. See *Phyllodictus flabellatus* Ball.

**kirkaldyi** nom. nov. for *Phacalastor koebelei* Kirkaldy 1906 [nec *Phyllodinus koebelei* Osborn 1903]

- 1906 *Phacalastor koebelei* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **1** Queensland<sup>1</sup>  
 (9): 408. [n. sp., key.]<sup>1</sup> :313. [Listed.]<sup>2</sup> Australia<sup>2</sup>  
 1907 *Dicranotropis koebelei* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Fiji<sup>3</sup>  
**3**: 134; Pl. 11, Figs. 9, 10; Pl. 17, Figs. 8, 9. [Notes, illustrated.]<sup>3</sup> Java<sup>4</sup>  
 Equals *Phacalastor koebelei* Kirk. :133. [Key.] Luzon<sup>5</sup>  
 1911 *Phacalastor koebelei* Muir, Bull. Hawaiian Sugar Pl. Assoc. **9**: 11. Philippine  
 [Note.] Islands<sup>6</sup>  
 1914 *Phacalastor koebelei* Melichar, Notes Leyden Mus. **36**: 111. Borneo<sup>7</sup>  
 [Listed.]<sup>4</sup> New Guinea<sup>8</sup>  
 1916 *Dicranotropis koebelei* Muir, Philippine Jour. Sci. **11**: 385. Ceram  
 [Listed.]<sup>3,4,6</sup> Equals *Phacalastor koebelei* Kirk. Equals *Pundaluo* (Malaysia)<sup>9</sup>  
*oya pulchella* Dist. (?) [error]. Samoa<sup>10</sup>  
 1917 *Dicranotropis koebelei* Muir, Proc. Hawaiian Ent. Soc. **3**: 317. New Hebrides  
 [Listed.]<sup>1,3,4,6,7,8,9</sup> :316. [Notes.] Islands<sup>11</sup>  
 1921 *Phyllodinus koebelei* Muir, Proc. Hawaiian Ent. Soc. **4**: 576. [Notes.]<sup>10</sup> Equals  
*Phacalastor koebelei* Kirk. Equals *Dicranotropis koebelei* Kirk.  
 1927 *Phyllodinus koebelei* Muir, Fulgoroidea of Samoa :11. [Notes.]<sup>1,3,6,7,8,9,10,11</sup> Equals  
*Phacalastor koebelei* Kirk.  
 1931 *Phyllodinus koebelei* Muir, Rec. Australian Mus. **18**: 72. [Notes.]<sup>11</sup>

*koebelei* Kirkaldy. See *Phyllodinus kirkaldyi* Metcalf.

*koebelei* Osborn. See *Phyllodictus flabellatus* Ball.

*koebei*. Typographical error for *Phyllodinus koebelei* Osborn. See *Phyllodictus flabellatus* Ball.

**luzonensis** Muir

- 1916 *Phyllodinus luzonensis* Muir, Philippine Jour. Sci. **11**: 383. [n. sp.]<sup>1</sup> Luzon<sup>1</sup>  
 1917 *Phyllodinus luzonensis* Muir, Proc. Hawaiian Ent. Soc. **3**: 320. [Comparative note.]

**macaoensis** Muir

- 1913 *Phyllodinus macaoensis* Muir, Proc. Hawaiian Ent. Soc. **2**: 246. China<sup>1</sup>  
 [n. sp.]<sup>1</sup>  
 1917 *Phyllodinus macaoensis* Muir, Proc. Hawaiian Ent. Soc. **3**: 316. [Notes.]  
 1935 *Phyllodinus macaoensis* Wu, Cat. Ins. Sinensium. **2**: 120. [Listed.]<sup>1</sup>

*neotropicus* Muir. See *Phyllodictus neotropicus* Muir.

*Phyllodinus***nervatus** Van Duzee

- 1894 *Eurysa nervata* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 191. New York<sup>1</sup>  
[Listed.]<sup>1</sup> [nom. nud.] Ontario<sup>2</sup>
- 1897 *Phyllodinus nervata* [sic] Van Duzee, Bull. Buffalo Soc. Nat. Sci. New  
5: 241. [n. sp.]<sup>1,2</sup> Equals *Eurysa nervata* [nom. nud.] Hampshire<sup>3</sup>
- 1897 *Phyllodinus nervatus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: Canada<sup>4</sup>  
227. [Listed.] :240. [Comparative note.] Pennsylvania<sup>5</sup>
- 1903 *Phyllodinus nervatus* Ball, Canadian Ent. 35: 232. [Comparative Quebec<sup>6</sup>  
note.] Colorado<sup>7</sup>
- 1903 [*Phyllodinus*] *nervatus* Osborn, Ohio Nat. 4: 46. [Comparative Eastern States<sup>8</sup>  
note.] Ohio<sup>9</sup>
- 1904 *Phyllodinus nervata* Swezey, Prelim. Cat. Fulgoridae North Utah<sup>10</sup>  
America 1904: 36. [Listed.]<sup>1,2,3,4</sup> Equals *Eurysa nervata* Van Duz. Wisconsin<sup>11</sup>
- 1904 *Phyllodinus nervatus* Wirtner, Ann. Carnegie Mus. 3: 215. Vermont<sup>12</sup>  
[Listed.]<sup>5</sup> Maine<sup>13</sup>
- 1907 *Phyllodinus nervatus* Moore, Canadian Ent. 39: 189. [Listed.]<sup>6</sup> Alberta<sup>14</sup>
- 1907 *Phyllodinus nervatus* Fletcher and Gibson, Ann. Rept. Ent. Soc. Connecticut<sup>15</sup>  
Ontario 37: 102. [Listed.]<sup>6</sup>
- 1909 [*Phyllodinus*] *nervatus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 9: 199. [Comparative  
note.]
- 1913 *Phyllodinus nervatus* Muir, Proc. Hawaiian Ent. Soc. 2: 247. [Comparative note.]
- 1914 *Phyllodinus nervatus* Crawford, Mon. Delphacidae :584; pl. 47, fig. F. [Described,  
illustrated.]<sup>7</sup> Equals *Eurysa nervata* Van Duz. :583. [Key.]
- 1916 *Phyllodinus nervatus* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>4,8</sup>
- 1917 *Phyllodinus nervatus* Van Duzee, Cat. Hemip. America :769. [Listed.]<sup>1,2,3,5,6,9</sup> Equals  
*Eurysa nervatus* Van Duz.
- 1917 *Phyllodinus nervatus* Muir, Proc. Hawaiian Ent. Soc. 3: 320. [Comparative note.]
- 1923 *Phyllodinus nervatus* Metcalf, Jour. Elisha Mitchell Soc. 38: 167; Pl. 45, Fig. 102;  
Pl. 58, Figs. 387, 388; Pl. 65, Figs. 546, 547; Pl. 68, Fig. 633. [Key, illustrated.]
- 1923 *Phyllodinus nervatus* Van Duzee, Fulgoridae Hemip. Connecticut :50. [Key.] :51.  
[Notes.]<sup>8</sup>
- 1924 *Phyllodinus nervatus* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 8.  
[Note.]
- 1926 *Phyllodinus nervatus* Ball, Florida Ent. 10: 17. [Described.]<sup>1,2,3,7,10,11,12</sup> Equals  
*Eurysa nervata* Van Duz.
- 1927 *Phyllodinus nervatus* Johnson, Biol. Surv. Mount Desert Reg. 1: 33. [Listed.]<sup>13</sup>
- 1928 *Phyllodinus nervatus* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 181. [Listed.]<sup>1</sup>
- 1938 *Phyllodinus nervatus* Britton, Bull. Connecticut Geol. Nat. Hist. Surv. 60: 22.  
[Listed.]<sup>15</sup>
- 1938 [*Phyllodinus*] *nervatus* Osborn, Bull. Ohio Biol. Surv. 6: 346. [Comparative note.]
- 1940 *Phyllodinus nervatus* Strickland, Canadian Ent. 72: 88. [Listed.]<sup>14</sup>

**nigromaculosus** Muir

- 1917 *Phyllodinus nigromaculosus* Muir, Proc. Hawaiian Ent. Soc. 3: Luzon<sup>1</sup>  
319; Pl. 6, Fig. 46. [n. sp., illustrated.]<sup>1,2</sup> :318, 319, 320. [Compara- (Philippine  
tive note.] Islands)

*nitens* Van Duzee. See *Phyllodictus nitens* Van Duzee.

Papua<sup>2</sup>

*piceus* Spooner. See *Phyllodictus flabellatus* Ball.

(New Guinea)

*platypodus* Bierman. See *Peliades platypoda* Bierman.

**pulchellus** Distant

- 1912 *Pundaluoya pulchella* Distant, Ann. Mag. Nat. Hist. (8) 9: 190. Ceylon<sup>1</sup>  
[n. sp.]<sup>1,2</sup> India<sup>2</sup>
- 1916 *Pundaluoya pulchella* Distant, Fauna British India 6: 135; Fig. Seychelles  
97. [Described, illustrated.]<sup>1,2,3</sup> Islands<sup>3</sup>

- 1916 *Pundaluoya pulchella* Muir, Philippine Jour. Sci. 11: 385. To (Indian Ocean)  
*Dicranotropis koebelei* Kirk. [error.]  
 1917 *Pundaluoya pulchella* Distant, Trans. Linn. Soc. London Zool. 17: 301. [Listed.]<sup>1,2,3</sup>  
 1919 *Phyllodinus pulchella* Muir, Canadian Ent. 51: 7. [Note.] Equals *Pundaluoya pulchella* Dist.  
 1921 *Phyllodinus pulchellus* Muir, Proc. Hawaiian Ent. Soc. 4: 485. [Listed.]<sup>2</sup> Equals *Pundaluoya pulchella* Dist.

**punctatus** Muir

- 1917 *Phyllodinus punctata* Muir, Proc. Hawaiian Ent. Soc. 3: 320; Formosa<sup>1</sup>  
 Pl. 5, Fig. 29. [n. sp., illustrated.]<sup>3</sup>

*punctovenosus* Melichar. See *Asiracina punctovenosa* Melichar.

**sauteri** Muir

- 1917 *Phyllodinus sauteri* Muir, Proc. Hawaiian Ent. Soc. 3: 319; Pl. 5, Formosa<sup>1</sup>  
 Figs. 25, 25a. [n. sp., illustrated.]<sup>3</sup>

Genus **PELIADES** Jacobi

Orthotype *Peliades platypus* 1928 Jacobi, Mjöberg's Exp. Australia :43.

[*Platybrachys* Bierman]

[Haplotype *Platybrachys platypoda* 1910 Bierman, Notes Leyden Mus. 33: 41.]

[Type *Platybrachys platypoda* 1915 Muir, Canadian Ent. 47: 266.]

[Type *Platybrachys platypoda* 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 8.]

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|---------------------------|-------------------------------------------------------------------------------------------------------|
| <i>Platybrachys</i>       | 1910 Bierman, Notes Leyden Mus. 33: 41. [gen. n.]                                                     |
|                           | 1915 Muir, Canadian Ent. 47: 212, 266. [Listed.]                                                      |
| <i>Platybrachus</i> [sic] | 1915 Muir, Canadian Ent. 47: 297. [Key.]                                                              |
| <i>Platybrachus</i> [sic] | 1916 Muir, Philippine Jour. Sci. 11: 383. [Comparative note.]                                         |
| <i>Platybrachys</i>       | 1917 Muir, Proc. Hawaiian Ent. Soc. 3: 320. [Notes.]                                                  |
|                           | 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 8. To <i>Phyllodinus</i> Van Duz. [error.] |
| <i>Peliades</i>           | 1928 Jacobi, Mjöberg's Exp. Australia :43. nom. nov. for <i>Platybrachys</i> Bierman [nec Stål].      |
| <i>Platybrachys</i>       | 1934 Schulze, Kükenthal and Heider, Nomenclator animalium 4 (19): 2716. [Listed.]                     |
|                           | 1940 Neave, Nomenclator Zoologicus 3: 789. [Listed.]                                                  |
| <i>Peliades</i>           | 1940 Neave, Nomenclator Zoologicus 4: 751. [Listed.] Equals <i>Platybrachys</i> Biern.                |

**platypoda** Bierman

- 1910 *Platybrachys platypoda* Bierman, Notes Leyden Mus. 33: 42. Java<sup>1</sup>  
 [n. sp.]<sup>1</sup> Sumatra<sup>2</sup>  
 1923 *Phyllodinus platypoda* Muir, Philippine Jour. Sci. 22: 173. Queensland<sup>3</sup>  
 [Notes.]<sup>2</sup> Equals *Platybrachys platypoda*. Damm.  
 1924 [*Phyllodinus platypoda*] Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 8.  
 [Comparative note.]  
 1928 *Peliades platypus* Jacobi, Mjöberg's Exp. Australia :43. [Listed.]<sup>1,3</sup> Nom. nov. for *Platybrachys platypoda* Bierman.

*platypus* Jacobi. See *Peliades platypoda* Bierman.



*Gelastodelphax*—*Haplodelphax*Genus **GELASTODELPHAX** Kirkaldy

Haplotype *Gelastodelphax histrionicus* [n. sp.] 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 1 (9): 411.

Type *Gelastodelphax histrionicus* 1915 Muir, Canadian Ent. 47: 263.

- Gelastodelphax* 1906 Kirkaldy, Bull. Hawaiian Sugar. Pl. Assoc. 1 (9): 411. [gen. n.] :313. [Listed.]  
 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 127. [Key.] :146. [Listed.]  
 1912 Waterhouse, Index Zool. II: 113. [Listed.]  
 1915 Muir, Canadian Ent. 47: 212, 263. [Listed.] :301. [Key.]  
*Gelastocephalus* [sic] 1919 Muir, Canadian Ent. 51: 8. Equals *Akilas* Dist. [error.]  
*Gelastodelphax* 1929 Schulze, Kükenthal and Heider, Nomenclator animalium 3 (11): 1351. [Listed.]  
 1939 Neave, Nomenclator Zoologicus 2: 451. [Listed.]

**histrionicus** Kirkaldy

1906 *Gelastodelphax histrionicus* Kirkaldy, Bull. Hawaiian Sugar. Pl. Queensland<sup>1</sup>  
 Assoc. 1 (9):411. [n. sp.]<sup>1</sup> :313. [Listed.]<sup>2</sup> Australia<sup>2</sup>

1907 *Gelastodelphax histrionicus* Kirkaldy, Bull. Hawaiian Sugar Pl.  
 Assoc. 3: 146; Pl. 17, Figs. 1-3. Pl. 18, Fig. 16. [Notes, illustrated.]

*fasciatus* Distant. See *Akilas fasciatus* Distant.

Genus **HAPLODELPHAX** Kirkaldy

Orthotype *Haplodelphax iuncicola* [n. sp.] 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 145.

Type *Haplodelphax iuncicola* 1915 Muir, Canadian Ent. 47: 264.

- Haplodelphax* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 127. [Key.] :145. [Key to species, gen. n.] :13. [Listed.]  
 1912 Waterhouse, Index Zool. II: 122. [Listed.]  
 1915 Muir, Canadian Ent. 47: 212, 264. [Listed.] :301. [Key.]  
 1916 Oshanin, Horae Soc. Ent. Rossicae 42: 88. [Bibliography.]  
 1930 Schulze, Kükenthal and Heider, Nomenclator animalium 3 (12):1466. [Listed.]  
 1939 Neave, Nomenclator Zoologicus 2: 566. [Listed.]

**euronotianus** Kirkaldy

1907 *Haplodelphax euronotianus* Kirkaldy, Bull. Hawaiian Sugar Pl. New South  
 Assoc. 3: 146. [n. sp.]<sup>1</sup> :145. [Key.] :13. [Listed.] Wales<sup>1</sup>

**iuncicola** Kirkaldy

1907 *Haplodelphax iuncicola* Kirkaldy, Bull. Hawaiian Sugar. Pl. Queensland<sup>1</sup>  
 Assoc. 3: 146; Pl. 12, Figs. 8, 9. [n. sp., illustrated.]<sup>1</sup> :145. [Key.] :13. [Listed.]

**naias** Kirkaldy

1907 *Haplodelphax naias* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: New South  
 146. [n. sp.]<sup>1</sup> :145. [Key.] :13. [Listed.] :146. [Comparative note.] Wales<sup>1</sup>

Genus *SARDIA* Melichar

Haplotype *Sardia rostrata* [n. sp.] 1903 Melichar, Homop.-Fauna Ceylon :96.

Type *Sardia rostrata* 1906 Distant, Fauna British India 3: 475.

Type *Sardia rostrata* 1915 Muir, Canadian Ent. 47: 267.

[*Hadeodelphax* Kirkaldy]

[Haplotype *Hadeodelphax pluto* [n. sp.] 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 1 (9): 410.]

[Type *Hadeodelphax pluto* 1915 Muir, Canadian Ent. 47: 264.]

- Sardia* 1903 Melichar, Homop. Fauna Ceylon :96. [gen. n.] :225. [Listed.]  
 1906 Distant, Fauna British India 3: 475. [Described.] :466. [Key.]
- Hadeodelphax* 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 1 (9):410. [gen. n.] :313. [Listed.]
- Sardia* 1907 Kirkaldy, Ann. Soc. Ent. Belgique 51: 302. Equals *Hadeodelphax* Kirk.
- Hadeodelphax* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 127. [Key.] :140. [Key to species.]
- Sardia* 1908 Kirkaldy, Ann. Soc. Ent. Belgique 52: 14 (7). Equals *Hadeodelphax* Kirk.
- Hadeodelphax* 1909 Pierce, Bull. United States Nat. Mus. 66: 179. [Parasitism.]  
 1912 Waterhouse, Index Zool. II: 121. [Listed.]
- Sardia* 1912 Waterhouse, Index Zool. II: 268. [Listed.]  
 1913 Muir, Proc. Hawaiian Ent. Soc. 2: 246. [Listed.]  
 1915 Schumacher, Mitt. Zool. Mus. Berlin 8: 132. [Listed.]  
 1915 Muir, Canadian Ent. 47: 267. [Listed.] Equals *Hadeodelphax* Kirk. :301. [Key.] :212. [Listed.]  
 1915 Schumacher, Suppl. Ent. 4: 142. [Listed.]
- Hadeodelphax* 1915 Muir, Canadian Ent. 47: 264. To *Sardia* Mel.
- Sardia* 1916 Muir, Philippine Jour. Sci. 11: 382. [Listed.] Equals *Hadeodelphax* Kirk.
- Hadeodelphax* 1916 Oshanin, Horae Soc. Ent. Rossicae 42: 88. [Bibliography.]
- Sardia* 1916 Distant, Fauna British India 6: 141. [Listed.] Equals *Hadeodelphax* Kirk.  
 1917 Muir, Proc. Hawaiian Ent. Soc. 3: 328. [Listed.]  
 1927 Muir, Fulgoroidea of Samoa :11. [Listed.]  
 1928 Jacobi, Arkiv Zool. 19: 44. [Note.]
- Hadeodelphax* 1929 Schulze, Kükenthal and Heider, Nomenclator animalium 3 (11):1441. [Listed.]
- Sardia* 1936 Schulze, Kükenthal and Heider, Nomenclator animalium 5 (22) :3102. [Listed.]
- Hadeodelphax* 1939 Neave, Nomenclator Zoologicus 2: 542. [Listed.]
- Sardia* 1940 Neave, Nomenclator Zoologicus 4: 112. [Listed.]

*brunnia* Muir

- 1917 *Sardia brunnia* Muir, Proc. Hawaiian Ent. Soc. 3: 328; Pl. 6, Figs. 51, 51A. [n. sp., illustrated.]<sup>1,2</sup> Luzon<sup>1</sup>  
 (Philippine Islands)  
 Amboyna  
 Malaysia<sup>2</sup>

*Sardia***campbelli** Muir

- 1921 *Sardia campbelli* Muir, Proc. Hawaiian Ent. Soc. 4: 485. [n. sp.]<sup>1</sup> South India<sup>1</sup>  
*pallidior* Kirkaldy (var.) See *Sardia pluto* var. *pallidior* Kirkaldy.

**persephone** Kirkaldy

- 1907 *Hadeodelphax persephone* Kirkaldy, Bull. Hawaiian Sugar Pl. Queensland<sup>1</sup>  
 Assoc. 3: 141; Pl. 17, Figs. 10, 11. [n. sp., illustrated.]<sup>1</sup> :140. [Key.]  
 :13. [Listed.]

**pluto** Kirkaldy

- 1906 *Hadeodelphax pluto* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 1 Queensland<sup>1</sup>  
 (9) :410. [n. sp.]<sup>1</sup> :313. [Listed.]<sup>2</sup> Australia<sup>2</sup>  
 1907 *Hadeodelphax pluto* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: Fiji<sup>3</sup>  
 140; Pl. 12, Figs. 10, 11; Pl. 17, Fig. 12. [Described, illustrated, New Caledonia<sup>4</sup>  
 key.]<sup>1,3</sup> Ceylon<sup>5</sup>  
 1908 *Sardia pluto* Kirkaldy, Ann. Soc. Ent. Belgique 52: 14 (7). Philippine  
 [Listed.]<sup>5</sup> Islands<sup>6</sup>  
 1913 *Sardia pluto* Muir, Proc. Hawaiian Ent. Soc. 2: 246. [Comparative Formosa<sup>7</sup>  
 note.] Samoa<sup>8</sup>  
 1916 *Sardia pluto* Muir, Philippine Jour. Sci. 11: 382. [Listed.]<sup>1,3,6</sup> Tahiti<sup>9</sup>  
 Equals *Hadeodelphax pluto* Kirk. (Low  
 1916 *Sardia pluto* Distant, Fauna British India 6: 141. [Notes.]<sup>6</sup> Archipelago)  
 1917 *Sardia pluto* Muir, Proc. Hawaiian Ent. Soc. 3: 328. [Listed.]<sup>1,3,6,7</sup>  
 1921 *Sardia pluto* Muir, Proc. Hawaiian Ent. Soc. 4: 576. [Listed.]<sup>2,3,6,7,8</sup>  
 1923 *Hadeodelphax pluto* Muir, Proc. Hawaiian Ent. Soc. 5: 257. To *Sardia rostrata* Mel.  
 [error].  
 1927 *Sardia pluto* Muir, Fulgoroidea of Samoa :11. [Listed.]<sup>2,3,6,7,8</sup>. Equals *Hadeodel-*  
*phax pluto* Kirk.  
 1927 *Sardia pluto* Muir, Ann. Mag. Nat. Hist. (9) 20: 87. [Listed.]<sup>9</sup>  
 1934 *Sardia pluto* Muir, Ann. Mag. Nat. Hist. (10) 14: 579. [Listed.]<sup>4</sup>

**pluto** var. *pallidior* Kirkaldy.

- 1907 *Hadeodelphax pluto pallidior* Kirkaldy, Bull. Hawaiian Sugar Pl. Queensland<sup>1</sup>  
 Assoc. 3: 140. [n. var.]<sup>1,2</sup> :13. [Listed.] Fiji<sup>2</sup>

**pronotalis** Distant

- 1916 *Sardia pronotalis* Distant, Fauna British India 6: 141. [n. sp.]<sup>1</sup> Ceylon<sup>1</sup>

**rostrata** Melichar

- 1903 *Sardia rostrata* Melichar, Homop.-Fauna Ceylon :96; Pl. II, Figs. Ceylon<sup>1</sup>  
 4A, 4B. [n. sp., illustrated.]<sup>1</sup> :225. [Listed.]<sup>1</sup> Java<sup>2</sup>  
 1906 *Sardia rostrata* Distant, Fauna British India 3: 475; Fig. 262. Malay  
 [Described, illustrated.]<sup>1</sup> Peninsula<sup>3</sup>  
 1908 *Sardia rostrata* Kirkaldy, Ann. Soc. Ent. Belgique 52: 14 (7). Formosa<sup>4</sup>  
 [Note.] India<sup>6</sup>  
 1913 *Sardia rostrata* Muir, Proc. Hawaiian Ent. Soc. 2: 246. [Notes.]<sup>1,2,3</sup> Luzon<sup>6</sup>  
 1915 *Sardia rostrata* Schumacher, Mitt. Zool. Mus. Berlin 8: 132. Kermadec  
 [Listed.]<sup>1,2,3,4</sup> Islands<sup>7</sup>  
 1915 *Sardia rostrata* Schumacher, Suppl. Ent. 4: 142. [Listed.]<sup>1,2,3,4</sup> (Pacific Ocean)  
 1916 *Sardia rostrata* Distant, Fauna British India 6: 141; Fig. 101. Raoul Island<sup>8</sup>  
 [Listed, illustrated.]<sup>1,6</sup> :142. [Comparative note.] Fiji<sup>9</sup>  
 1916 *Sardia rostrata* Muir, Philippine Jour. Sci. 11: 382. [Listed.]<sup>1,2,3,5</sup>  
 1917 *Sardia rostrata* Muir, Proc. Hawaiian Ent. Soc. 3: 329. [Listed.]<sup>6,12</sup>

- 1922 *Sardia* [sic] *rostrata* Muir, Rec. Indian Mus. 24: 352. [Listed.]<sup>5</sup> Queensland<sup>10</sup>  
 1923 *Sardia rostrata* Muir, Trans. New Zealand Inst. 54: 257. [Notes.] Philippine  
 1,2,3,5,7,8,9,11,12,13 Equals *Haedodelphax phuto* Kirk. [error.] Islands<sup>11</sup>  
 1928 *Sardia rostrata* Jacobi, Mjöberg's Exp. Australia :44. [De- Borneo<sup>12</sup>  
 scribed.]<sup>10</sup> Australia<sup>13</sup>

Genus **CHLORIONIDEA** Löw

Haplotype *Chlorionidea flava* [n. sp.] 1885 Löw, Verh. Zool. Bot. Ges. Wien 35: 356.

Type *Chlorionidea flava* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 149.

Type *Chlorionidea flava* 1912 Oshanin, Kat. Paläark. Hemip. :118.

Type *Chlorionidea flava* 1915 Muir, Canadian Ent. 47: 262.

Type *Chlorionidea flava* 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 209.

Type *Chlorionidea flava* 1935 Haupt, Tierwelt Mitteleuropas 4 (3):130.

[*Matulinus* Distant]

[Haplotype *Matulinus opulentus* [n. sp.] 1917 Distant, Trans. Linn. Soc. Zool. 17: 278. ]

- |                            |                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------|
| Chlorionidea               | 1885 Löw, Verh. Zool. Bot. Ges. Wien 35: 356. [gen. n.]                           |
|                            | 1886 Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :72. [Listed.]                   |
|                            | 1886 Then, Kat. Österreichischen Cicad. 1886: 14. [Listed.]                       |
|                            | 1896 Melichar, Cicad. Mittel-Europa :64. [Described.] :50. [Key.]                 |
|                            | 1900 Matsumura, Ent. Nachr. 26: 257. [Listed.]                                    |
| <i>Chlorionoidea</i> [sic] | 1897 Horváth, Fauna Regni Hungariae :56. [Listed.]                                |
| Chlorionidea               | 1899 Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :107. [Listed.]                  |
|                            | 1902 Waterhouse, Index Zool. :73. [Listed.]                                       |
|                            | 1903 Graeffe, Bull. Soc. Adriatica Sci. Nat. Trieste 21: 62 (22). [Listed.]       |
|                            | 1904 Hüeber, Syst. Verz. deutschen Zikadinen :269. [Listed.]                      |
|                            | 1907 Oshanin, Verz. Palaearktischen Hemip. 2(2): 308. [Listed.]                   |
|                            | 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 149. [Listed.]                  |
|                            | To <i>Delphax</i> (nec. Fabr.) [error.]                                           |
|                            | 1912 Oshanin, Kat. Paläark. Hemip. :118. [Listed.]                                |
|                            | 1915 Muir, Canadian Ent. 47: 211, 212, 262. [Listed.] :302. [Key.]                |
| <i>Matulinus</i>           | 1917 Distant, Trans. Linn. Soc. Zool. 17: 278. [gen. n.]                          |
| Chlorionidea               | 1919 Muir, Canadian Ent. 51: 8. Equals <i>Matulinus</i> Dist.                     |
|                            | 1925 Haupt, Mitt. Münchner Ent. Ges. 15: 18. [Listed.]                            |
|                            | 1927 Schulze, Kükenthal and Heider, Nomenclator Animalium. 2(7): :667. [Listed.]  |
|                            | 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 209. [Key.]                              |
| <i>Matulinus</i>           | 1931 Schulze, Kükenthal, and Heider, Nomenclator Animalium 3(15): 1984. [Listed.] |
| Chlorionidea               | 1935 Haupt, Tierwelt Mitteleuropas 4 (3) :130. [Key.] :135. [Key to species.]     |
|                            | 1939 Neave, Nomenclator Zoologicus 1: 706. [Listed.]                              |
| <i>Matulinus</i>           | 1940 Neave, Nomenclator Zoologicus 3: 57. [Listed.]                               |

**flava** Löw

- 1885 *Chlorionidea flava* Löw, Verh. Zool. Bot. Ges. Wien 35: 357. [n. sp.]<sup>1,2</sup> Austria<sup>1</sup>  
 Yugoslavia<sup>2</sup>  
 1886 *Chlorionidea flava* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :72. [Listed.]<sup>1,3</sup> Germany<sup>3</sup>  
 Hungary<sup>4</sup>



*Chlorionidea—Eoeurysa—Hikona*

- 1886 *Chlorionidea flava* Then, Kat. Österreichischen Cicad. 1886: 14. Italy<sup>5</sup>  
[Listed.]<sup>1</sup> Palaeartic
- 1896 *Chlorionidea flava* Melichar, Cicad. Mittel-Europa :65; Pl. IV, Region<sup>6</sup>  
Figs. 23–25. [Described, illustrated.]<sup>1</sup>
- 1897 *Chlorionidea* [sic] *flava* Horváth, Fauna Regni Hungariae :56. [Listed.]<sup>4</sup>
- 1899 *Chlorionidea flava* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :107. [Listed.]<sup>3</sup>
- 1900 *Stenocranus styriacus* Strobl, Mitt. Natur. Ver. Steiermark 36: 204. [n. sp.]<sup>1</sup>
- 1903 *Chlorionidea* [sic] *flava* Horváth, Ann. Mus. Nat. Hungarici 1: 558. Equals *Stenocranus styriacus* Strobl. :558. [Listed.]<sup>6</sup>
- 1903 *Chlorionidea flava* Graeffe, Bull. Soc. Adriatica Sci. Nat. Trieste 21: 62 (22). [Listed.]<sup>5</sup>
- 1904 *Chlorionidea flava* Hüeber, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>3</sup>
- 1907 *Chlorionidea flava* Oshanin, Verz. Palaearktischen Hemip. 2(2): 308. [Listed.]<sup>1,2</sup>.  
Equals *Stenocranus styriacus* Strobl.
- 1912 *Chlorionidea flava* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>1,4</sup> Equals *Chlorionidea styriaca* Strobl.
- 1917 *Chlorionidea flava* Jensen-Haarup, Ent. Medd. 11: 5. [Comparative note.]
- 1922 *Chlorionidea flava* Stichel, Int. Ent. Zeits. 16: 133. [Listed.]<sup>3</sup>
- 1925 *Chlorionidea flava* Haupt, Mitt. Münchner Ent. Ges. 15: 10, 18. [Listed.]<sup>3</sup>
- 1935 *Chlorionidea flava* Haupt, Tierwelt Mitteleuropas 4 (3) :135; Fig. 218. [Key, illustrated.]

*opulenta* Distant

- 1917 *Matulinus opulentus* Distant, Trans. Linn. Soc. Zool. 17: 278; pl. Seychelles<sup>1</sup>  
49, figs. 16, 16a. [n. sp., illustrated.]<sup>1,2</sup> (Indian Ocean)  
India<sup>2</sup>

*styriaca* Strobl. See *Chlorionidea flava* Löw.

*testacea* Matsumura. See *Unkana testacea* Matsumura.

Genus **EOEURYSA** Muir

Orthotype *Eoeurysa flavocapitata* [n. sp.] 1913 Muir, Proc. Hawaiian Ent. Soc. 2: 249.

Type *Eoeurysa flavocapitata* 1915 Muir, Canadian Ent. 47: 263.

- Eoeurysa 1913 Muir, Proc. Hawaiian Ent. Soc. 2: 249. [gen. n.]  
1915 Muir, Canadian Ent. 47: 212, 263. [Listed.] :302. [Key.]  
1929 Schulze, Kükenthal and Heider, Nomenclator animalium 2 (10) :1155.  
[Listed.]  
1935 Wu, Cat. Ins. Sinensium. 2: 120. [Listed.]  
1939 Neave, Nomenclator Zoologicus 2: 247. [Listed.]

*flavocapitata* Muir

- 1913 *Eoeurysa flavocapitata* Muir, Proc. Hawaiian Ent. Soc. 2: 249. Malay  
[n. sp.]<sup>1,2</sup> Peninsula<sup>1</sup>
- 1930 *Eoeurysa flavocapitata* Muir, Treubia 12: 30. [Listed.]<sup>1,2,3</sup> China<sup>2</sup>
- 1935 *Eoeurysa flavocapitata* Wu, Cat. Ins. Sinensium. 2: 120. [Listed.]<sup>2</sup> Krakatau<sup>3</sup>  
(East Indies)

Genus **HIKONA** Matsumura

Orthotype *Hikona formosana* [n. sp.] 1935 Matsumura, Ins. Matsumurana 9: 139.

- Hikona 1935 Matsumura, Ins. Matsumurana 9: 139. [gen. n.] :125. [Key.]  
1935 Matsumura, Ins. Matsumurana 10: 76. [Comparative note.]  
1939 Neave, Nomenclator Zoologicus 2: 656. [Listed.]

**formosana** Matsumura

1935 *Hikona formosana* Matsumura, Ins. Matsumurana 9: 139. [n. sp.]<sup>1</sup> Formosa<sup>1</sup>

Genus **UNKANA** Matsumura

Orthotype *Unkana hakonensis* [n. sp.] 1935 Matsumura, Ins. Matsumurana 9: 132.

[*Numata* Matsumura]

[Orthotype *Stenocranus sacchari* 1935 Matsumura, Ins. Matsumurana 9: 139.]

Unkana 1935 Matsumura, Ins. Matsumurana 9: 132. [Key to species, gen. n.] :125. [Key.] :138. [Comparative note.]

1935 Matsumura, Ins. Matsumurana 10: 72. [Listed.] :76. [Comparative note.]

*Numata* 1935 Matsumura, Ins. Matsumurana 9: 139. [gen. n.] :125. [Key.]

1940 Neave, Nomenclator Zoologicus 3: 361. [Listed.]

Unkana 1940 Neave, Nomenclator Zoologicus 4: 613. [Listed.]

**arisana** Matsumura

1935 *Unkana arisana* Matsumura, Ins. Matsumurana 9: 133. [n. sp.]<sup>1</sup> Formosa<sup>1</sup> :132. [Key.]

**formosella** Matsumura

1935 *Unkana formosella* Matsumura, Ins. Matsumurana 10: 72. [n. sp.]<sup>1</sup> Formosa<sup>1</sup>

**hakonensis** Matsumura

1935 *Unkana hakonensis* Matsumura, Ins. Matsumurana 9: 133. [n. sp., key.]<sup>1,2</sup> :133, 134, 139. [Comparative note.] Hokkaido<sup>1</sup> (Japan)

1935 *Unkana hakonensis* Matsumura, Ins. Matsumurana 10: 72, 74. [Comparative note.] Honshu<sup>2</sup> (Japan)

**heitonis** Matsumura

1935 *Unkana heitonis* Matsumura, Ins. Matsumurana 9: 134. [n. sp.]<sup>1</sup> Formosa<sup>1</sup> :133. [Key.] :135. [Comparative note.]

1935 *Unkana heitonis* Matsumura, Ins. Matsumurana 10: 73. [Comparative note.]

*hyalipennis* Matsumura (var.). See *Unkana nigrifacies* var. *hyalipennis* Matsumura.

**kushiana** Matsumura

1935 *Unkana kushiana* Matsumura, Ins. Matsumurana 10: 72. [n. sp.]<sup>1</sup> Kyushu<sup>1</sup> (Japan) [n. sp.]<sup>1</sup>

**malayana** Matsumura

1935 *Unkana malayana* Matsumura, Ins. Matsumurana 9: 135. [n. sp.]<sup>1</sup> Malay Peninsula<sup>1</sup>

**nigrifacies** Matsumura

1935 *Unkana nigrifacies* Matsumura, Ins. Matsumurana 9: 134. [n. sp.]<sup>1</sup> :132. [Key.] Formosa<sup>1</sup>

**nigrifacies** var. **hyalipennis** Matsumura

1935 *Unkana nigrifacies* var. *hyalipennis* Matsumura, Ins. Matsumurana 9: 134. [n. var.]<sup>1</sup> Formosa<sup>1</sup>

*Unkana*—*Matsumuranoda***sacchari** Matsumura

- 1910 *Stenocranus sacchari* Matsumura, Schädlichen und nützlichen Ins. Formosas :16; Pl. XVI; Figs. 23, 7. [n. sp., illustrated.]<sup>1</sup> Formosa<sup>1</sup>  
Oriental
- 1910 *Stenocranus sacchari* Matsumura, Zeits. Wiss. Insektenbiol. 6: 103. [Listed.]<sup>1</sup> Honshu<sup>2</sup>  
Regions<sup>2</sup>
- 1911 *Stenocranus sacchari* Matsumura, Mém. Soc. Ent. Belgique 18: 135. [n. sp.]<sup>1</sup> (Japan)  
Japan<sup>4</sup>
- 1915 *Stenocranus sacchari* Schumacher, Mitt. Zool. Mus. Berlin 8: 135. [n. sp.]<sup>1</sup>
- 1917 *Stenocranus sacchari* Pierce, Man. Dangerous Ins. 1917: 206. [Listed.]<sup>1,2</sup>
- 1931 *Stenocranus sacchari* Clausen, Cir. United States Dept. Agr. 168: 46. [Listed.]<sup>1</sup>
- 1932 *Stenocranus sacchari* Matsumura, Consp. Japanese Inj. Ins. 1932: 230. [Economics.]<sup>4</sup>
- 1935 *Unkana sacchari* Matsumura, Ins. Matsumurana 10: 73. [Described.]<sup>3</sup> :71, 73. Equals *Stenocranus sacchari* Mats.
- 1935 [*Numata sacchari*] Matsumura, Ins. Matsumurana 9: 139. Equals *Stenocranus sacchari* Mats.

**sakaguchii** Matsumura

- 1935 *Unkana sakaguchii* Matsumura, Ins. Matsumurana 10: 73. [n. sp.]<sup>1</sup> Okinawa I.<sup>1</sup>  
(Ryukyu Islands)

**sapporona** Matsumura

- 1935 *Unkana sapporona* Matsumura, Ins. Matsumurana 10: 74. [n. sp.]<sup>1</sup> Hokkaido<sup>1</sup>  
(Japan)

**taiwanella** Matsumura

- 1935 *Unkana taiwanella* Matsumura, Ins. Matsumurana 10: 74. [n. sp.]<sup>1</sup> Formosa<sup>1</sup>

**tateyamaella** Matsumura

- 1935 *Unkana tateyamaella* Matsumura, Ins. Matsumurana 9: 135. [n. sp., comparative note.]<sup>1,2</sup> :133. [Key.] Honshu<sup>1</sup>  
(Japan)  
Kyushu<sup>2</sup>  
(Japan)

**testacea** Matsumura

- 1900 *Chlorionidea testacea* Matsumura, Ent. Nachr. 26: 257. [n. sp.]<sup>1</sup> Japan<sup>1</sup>
- 1907 *Chlorionidea testacea* Oshanin, Verz. palaeark. Hemip. 2 (2) :308. [Listed.]<sup>1</sup>
- 1912 *Chlorionidea testacea* Oshanin, Kat. paläark. Hemip. 1912: 118. [Listed.]<sup>1</sup>
- 1935 *Unkana testacea* Matsumura, Ins. Matsumurana 10: 75. Described.]<sup>1</sup> Equals *Chlorionidea testacea* Mats. :71. Equals *Chlorionidea testacea* Mats.

Genus **MATSUMURANODA** Metcalf

*Matsumuranoda* nom. nov. for *Noda* Matsumura 1935 [nec *Noda* Schellenberg 1803]

Orthotype *Noda karafutona* Matsumura.

[*Noda* Matsumura [nec Schellenberg] ]

[Orthotype *Noda karafutona* [n. sp.] 1935 Matsumura, Ins. Matsumurana 9: 138.]

- Noda* 1935 *Matsumura, Ins. Matsumurana* 9: 138. [gen. n.] :125. [Key.]  
1940 *Neave, Nomenclator Zoologicus* 3: 341. [Listed.]

**karfutona** Matsumura

- 1935 *Noda karafutona* Matsumura, *Ins. Matsumurana* 9: 138. [n. sp.]<sup>1</sup> Sakhalin<sup>1</sup>

Genus **HOSUNKA** Matsumura

Orthotype *Hosunka pallidula* [n. sp.] 1935 Matsumura, *Ins. Matsumurana* 10: 76.

- Hosunka* 1935 Matsumura, *Ins. Matsumurana* 10: 76. [gen. n.]  
1939 *Neave, Nomenclator Zoologicus* 2: 699. [Listed.]

**pallidula** Matsumura

- 1935 *Hosunka pallidula* Matsumura, *Ins. Matsumurana* 10: 76. [n. Formosa]<sup>1</sup>  
sp.]<sup>1</sup>

Genus **KAKUNA** Matsumura

Orthotype *Kakuna kuwayamai* [n. sp.] 1935 Matsumura, *Ins. Matsumurana* 10: 76.

- Kakuna* 1935 Matsumura, *Ins. Matsumurana* 10: 76. [gen. n.]  
1939 *Neave, Nomenclator Zoologicus* 2: 816. [Listed.]

**kuwayamai** Matsumura

- 1935 *Kakuna kuwayamai* Matsumura, *Ins. Matsumurana* 10: 76. [n. sp.]<sup>1</sup> Hokkaido<sup>1</sup>  
(Japan)

Genus **STENOCRANUS** Fieber

Logotype *Stenocranus minutus* 1912 Oshanin, *Kat. Paläark. Hemip.* :118.

Type *Stenocranus minutus* 1914 Crawford, *Mon. Delphacidae* :587.

Type *Stenocranus minutus* 1915 Muir, *Canadian Ent.* 47: 267.

Logotype *Stenocranus minutus* 1916 Van Duzee, *Check List Hemip. America* :83.

Logotype *Stenocranus minutus* 1917 Van Duzee, *Cat. Hemip. America* :762.

Type *Stenocranus minutus* 1922 Dozier, *Ohio Jour. Sci.* 22: 70.

Type *Stenocranus minutus* 1924 Muir and Giffard, *Bull. Hawaiian Sugar Pl. Assoc.* 15: 11.

Type *Stenocranus minutus* 1929 Haupt, *Zool. Jahrb. Syst. Ökol.* 58: :209.

Type *Stenocranus minutus* 1935 Haupt, *Tierwelt Mitteleuropas* 4 (3): 130.

- Stenocranus* 1866 Fieber, *Verh. Zool. Bot. Ges. Wien* 16: 519. [gen. n.] :52. [Listed.]  
1867 Dallas, *Zool. Rec.* 3: 560. [Key.]



- Delphax* 1868 Kirschbaum, Cicad. Wiesbaden :19. [Described, key to German species.] [nec Fabricius] [in part.]
- 1869 Lethierry, Cat. Hémipt. du Nord :353. [Listed.]
- Liburnia* 1870 Scott, Ent. Monthly Mag. 7: 25. [Key to British species.] [nec Stål] [in part.]
- Stenocarenum* [sic] 1870 Oshanin, Mém. Soc. Amis Sci. Nat. Moscou 6: 46. [Listed.] Equals *Delphax* Fabr. [in part.]
- 1871 Oshanin, Bull. Imp. Soc. Nat. Hist. Imp. Univ. Moscou 6 (3): 29. [Listed.] Equals *Delphax* Fabr. [in part.]
- 1871 Sahlberg, Not. Fennica [n. s.] 9 (12): 56. [Listed.] :75. [Key.] :413. [Described.] :21. [Dimorphism.]
- Delphax* 1871 Brischke, Verz. Wanzen und Zirpen Prov. Preussen :13. [Listed.] [nec Fabricius] [in part.]
- 1872 Provancher, Nat. Canadien 4: 319. [Listed.]
- Stenocranus* 1872 Fieber, Kat. Europäischen Cicad. :5. [Listed.] Equals *Delphax* Aut. [in part.] Equals *Stenocarenum* [sic] Fieb.
- 1873 Marschall, Nomenclator Zoologicus 1873: 382. [Listed.]
- Delphax* 1874 Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 82. [Listed.] [nec Fabricius] [in part.]
- Stenocranus* 1874 Lethierry, Cat. Hémipt. Dept. du Nord Second Ed. :257 (53). [Listed.]
- Stenocarenum* [sic] 1874 Siebke, Enumeratio Insectorum Norvegorum 1: 39. [Listed.] Equals *Delphax* Fall. [in part.]
- Stenocranus* 1875 Fieber, Cicad. d'Europe Pt. 1: 370 (83). [Key.]
- 1875 Puton, Cat. Hémipt. d'Europe 2 Ed. :117. [Listed.]
- Stenocranus* [sic] 1876 Fieber, Cicad. d'Europe Pt. 2: Pl. 7. [Illustrated.]
- Liburnia* 1876 Douglas and Scott, Cat. British Hemip.-Homop. :66. [Listed.] [nec Stål] [in part.]
- Stenocranus* 1878 Fieber, Cicad. d'Europe Pt. 3: 279 (10). [Described, key to species.] Equals *Delphax* Auct. [in part.] Equals *Stenocarenum* [sic].
- Delphax* 1879 Berg, An. Soc. Cient. Argentina 8: 187. [Listed.] [nec Fabricius]
- Stenocranus* 1880 Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 54. [Listed.]
- 1881 Mayr, Ber. Natur.-Med. Ver. Innsbruck 10: 86 (10). [Listed.]
- 1882 Ferrari, Cicad. Agri Ligustici :88 (16). [Listed, key to species.] :87 (15). [Key.]
- 1882 Scudder, Nomenclator Zoologicus Univ. Index :301. [Listed.]
- Delphax* 1883 Brodie and White, Check-List Ins. Canada :59. [Listed.] [nec Fabricius] [in part.]
- Stenocranus* 1883 Berg, An. Soc. Cient. Argentina 16: 236. [Listed.]
- 1884 Berg, Add. Hemip. Argentina :141. [Listed.]
- 1884 Mayr, Tabellen :19. [Key.] Equals *Delphax* Auct. [in part.]
- 1884 Uhler, Standard Nat. Hist. 2: 241. [Notes.]
- Delphax* 1885 Girard, Traité Élém. Ent. 3: 866. [Described.] [nec Fabricius]
- Delphax* 1885 Fairmaire, Hist. Nat. France Hémipt. :142. [Key.] :145. [Described.] [nec Fabricius] [in part.]
- Stenocranus* 1885 Ivanoff, Liste des Cigales :89 (7). [Listed.] :98 (16). [Key.] :112 (30). [Listed.]
- Liburnia* 1886 Edwards, Syn. British Homop.-Cicadina Pt. 1: 55. [Key.] :57; Pl. 1, Fig. 19. [Described, illustrated.] :58. [Key to species.] [nec Stål] [in part.]
- Stenocranus* 1886 Then, Kat. Österreichischen Cicad. 1886: 13. [Listed.]
- 1886 Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :72. [Listed.]
- 1888 Dubois, Mém. Soc. Linn. Nord France 7: 154 (58). [Listed.]
- 1889 Ashmead, Ent. Amer. 5: 27. [Key.]
- Delphax* 1889 Provancher, Petite Faune Ent. Canada 3: 216. [Key.] :223. [Described.] [nec Fabricius] [in part.]
- Stenocarenum* [sic] 1890 Hansen, Ent. Tidskr. 11: 44. [Morphology.]

- Liburnia* 1890 Buckton, Mon. British Cicadae 1: 28. [Key.] :30. [Described.] [nec Stål] [in part.]
- Liburnia* 1890 Saunders and Edwards, Cat. British Hemiptera 1890: 11. [Listed.] [nec Stål] [in part.]
- Delphax* 1890 Smith, Cat. Ins. New Jersey :440. [Listed.] [nec Fabricius] [in part.]
- Stenocranus* 1891 Oshanin, Mém. Sect. caucasienne Soc. russe Geogr. 23 (1): 48, 63. [Listed.]
- 1892 Duda, Cat. Ins. Faunae Bohemicae :28. [Listed.]
- Delphax* 1892 Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]
- 1893 Fitch, Rept. New York State Mus. Nat. Hist. 46: 386. [Listed.] [nec Fabricius] [in part.]
- Stenocranus* 1894 Edwards, Hemip.-Homop. British Islands Pt. 1: 31. To *Liburnia* [nec Stål] [error.] :32. [Key.]
- 1894 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 191. [Listed.]
- 1895 Wüstnei, Schr. Nat. Ver. Schleswig-Holsteins. 10: 268. [Listed.]
- 1896 Melichar, Cicad. Mittel-Europa :56. [Described.] :50. [Key.] :57. [Key to species.]
- 1897 Horváth, Fauna Regni Hungariae :56. [Listed.]
- 1897 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 227, 230. [Listed.] :229. [Key.]
- Delphax* 1897 Acloque, Faune France :401; Pl. 162, Fig. D. [Key to species, illustrated.] :400. [Key.] [nec Fabricius] [in part.]
- Stenocarenus* [sic] 1899 Holmgren, Zool. Jahrb. Syst. 12: 410. [Listed.]
- Stenocranus* 1899 Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :106. [Listed.]
- Stenocarenus* [sic] 1900 Hansen, Entomologist 33: 172. [Morphology.]
- Stenocranus* 1900 Smith, Ins. New Jersey 1900: 89. [Listed.]
- 1900 Matsumura, Ent. Nachr. 26: 257. [Listed.]
- 1900 Strobl, Mitt. Natur. Ver. Steiermark 36: 204. [Listed.]
- 1900 Lameere Manuel Faune Belgique 2: 140. [Key.] :141. [Listed.]
- 1901 Kirkaldy, Entomologist 34: 338. [Listed.]
- 1901 Lambertie, Act. Soc. Linn. Bordeaux 56: 216 (88). [Listed.]
- 1902 Dominique, Bull. Soc. Sci. Nat. Ouest France (11) 2: 222. [Listed.]
- 1903 Ball, Canadian Ent. 35: 231. [Comparative note.]
- 1903 Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 61 (21). [Listed.]
- 1904 Wirtner, Ann. Carnegie Mus. 3: 215. [Listed.]
- 1904 Swezey, Prelim. Cat. Fulgoridae North America 1904: 31. [Listed.]
- 1904 Hüeber, Syst. Verz. deutschen Zikadinen :268. [Listed.]
- 1905 Fowler, Biologia Centrali-Americana 1: 133. To *Liburnia* Stål [error.]
- 1906 Matsumura, Schr. Nat. Ges. Danzig 11: 75. [Listed.]
- 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 1 (9): 409. [Listed.] :410. [Comparative note.]
- 1907 Oshanin, Verz. Palaeark. Hemip. 2 (2): 302. [Listed.] Equals *Stenocarenus* [sic] Fieb.
- 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 138. [Listed.] Equals *Sogata* Dist. [error.] :126. [Key.] :139. [Comparative note.]
- 1907 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 8: 43. [Comparative note.]
- Liburnia* 1907 Butler, Hastings Nat. 1: 49. [Notes.] [nec Stål]
- Stenocranus* 1908 Horváth, Ann. Mus. Nat. Hungarici 6: 11. [Listed.]
- 1908 Saunders and Edwards, Cat. British Hemiptera 1908: 14. [Listed.]
- 1910 Lambertie, Misc. Ent. 18: 91. [Listed.]
- 1910 Smith, Rept. Ins. New Jersey 1910: 97. [Listed.]
- 1912 Oshanin, Kat. Paläark. Hemip. :118. [Listed.] Equals *Stenocarenus* [sic] Fieb.
- 1912 Schmidt, Stett. Ent. Zeit. 73: 148. [Listed.]
- 1913 Metcalf, Ann. Ent. Soc. America 6: 350; Pl. xxxvi, Figs. 43, 44. [Venation, illustrated.]

*Stenocranus*

- 1913 Melichar, Faune Walouyki Russie 7: 6. [Listed.]  
 1913 Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]  
 1913 Strand, Nyt. Mag. Naturv. 51: 274. [Listed.]  
 1914 Crawford, Mon. Delphacidae :587. [Described, key to species.]  
 :563. [Key.] :591. [Comparative note.]  
 1914 Haupt, Ent. Jahrb. 23: 162 (4). [Listed.]  
 1914 Van Duzee, Psyche 21: 165. [Synonymy.]  
 1915 Jacobsen, Ent. Medd. 10: 319. [Listed.]  
 1915 Muir, Canadian Ent. 47: 212, 267. [Listed.] :299, 301. [Key.]  
 1915 Jensen-Haarup, Flora och Fauna 1915: 102. [Described, key to  
 species.] Equals *Stenocarenus* [sic] Fieb. :98. [Key.]  
 1915 Schumacher, Mitt. Zool. Mus. Berlin 8: 133. [Listed.]  
 1916 Muir, Philippine Jour. Sci. 11: 381. [Listed.]  
 1916 Van Duzee, Check List Hemip. America :83. [Listed.] Equals  
*Stenocarenus* [sic] Fieb.  
 1917 Heidemann and Osborn, Ann. Carnegie Mus. 11: 348. [Listed.]  
 1917 Muir, Proc. Hawaiian Ent. Soc. 3: 321. [Note.]  
 1917 Van Duzee, Cat. Hemip. America :762. [Listed.] Equals *Steno-*  
*carenus* [sic] Fieb.  
 1918 Pierce, Proc. United States. Nat. Mus. 54: 488. [Listed.]  
 1919 Muir, Philippine Jour. Sci. 15: 529. [Listed.]  
 1920 Britton, Check-List Ins. Connecticut :47. [Listed.]  
 1920 Tullgren and Wahlgren, Svenska Insekter 1920: 151. [Key.] :152.  
 [Listed.]  
 1920 Jensen-Haarup, Danmarks Fauna :38. [Described.] :30. [Key.]  
 1922 Dozier, Ohio Jour. Sci. 22: 69. [Described.] :70. [Key to species.]  
 1923 Van Duzee, Fulgoridae Hemip. Connecticut :46. [Described, key  
 to species.] :45. [Key.] :47. [Comparative note.]  
 1923 Metcalf, Jour. Elisha Mitchell Soc. 38: 167. [Key.] :168. [Key to  
 species.] :144. [Morphology.]  
 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 11. [Notes.]  
 :5. [Key.] :9, 16. [Comparative note.]  
 1925 Haupt, Mitt. Münchner Ent. Ges. 15: 18. [Listed.]  
 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 13. [Note.]  
 1926 Gowdey, Bull. Dept. Agr. Jamaica Ent. 4: 40. [Listed.]  
 1926 Rémy-Perrier, Homop. Faune France 4: 90. [Key.] :93. [Key to  
 species.]  
 1927 Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 142.  
 [Listed.]  
 1928 Filipieff, Guide to Insects :157. [Key.] :159. [Listed.]  
 1928 Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 180. [Listed.]  
 1929 Muir, Ann. Mag. Nat. Hist. (10) 4: 195. [Listed.] :210. [Comparative  
 note.]  
 1929 Haupt, Cong. Int. Zool. 10: 1072; Fig. 1. [Illustrated.]  
 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 209. [Key.]  
 1931 Haupt, Mitt. Deutschen Ent. Ges. 2: 151. [Notes, key to species.]  
 1932 Brues and Melander, Class. Ins. :119. [Listed.]  
 1932 Enderlein, Fauna von Deutschland 1932: 192. [Key.]  
 1934 Heaton, Bull. Brooklyn Ent. Soc. 29: 114. [Listed.]  
 1934 Ribaut, Bull. Soc. Hist. Nat. Toulouse 66: 288 (8). [Comparative  
 note.]  
 1935 Haupt, Tierwelt Mitteleuropas 4 (3): 130. [Key.] :134. [Key to species.]  
 1935 Matsumura, Ins. Matsumurana 9: 126. [Key to species.] :125.  
 [Key, described.] :132, 139. [Comparative note.]  
 1935 Matsumura, Ins. Matsumurana 10: 71. [Listed.] :76. [Comparative  
 note.]

- 1935 Wagner, Verh. Ver. Naturw. Heimatforschung. **24**: 6. [List of German species.]
- 1937 Schulze, Kükenthal and Heider, Nomenclator animalium **5** (23): 3278. [Listed.]
- 1937 Kuntze, Arch. Nat. [n. f.] **6**: 354. [Listed.]
- Stenocarenus* [sic] 1937 Schulze, Kükenthal and Heider, Nomenclator animalium **5** (23): 3276. [Listed.] To *Stenocranus* Fieb.
- Stenocranus* 1938 Brimley, Insects of North Carolina **1938**: 102. [Listed.]
- 1938 Osborn, Bull. Ohio Biol. Surv. **6**: 330. [Key, notes.] :333, 334. [Comparative note.]
- 1939 China, Ent. Monthly Mag. **75**: 47. [Listed.] :48. [Key to British species, described.]
- 1940 Neave, Nomenclator Zoologicus **4**: 289. [Listed.] Equals *Stenocarenus* [sic].
- 1940 Clausen, Entomophagous insects **1940**: 508, 513. [Parasites.]

**agamopsyche** Kirkaldy

- 1906 *Stenocranus agamopsyche* Kirkaldy, Bull. Hawaiian Sugar Pl. Queensland<sup>1</sup>  
Assoc. **1** (9) :409. [n. sp.]<sup>1</sup> :313. [Listed.]<sup>2</sup> Australia<sup>2</sup>
- 1907 *Stenocranus agamopsyche* Kirkaldy, Bull. Hawaiian Sugar Pl. Luzon<sup>3</sup>  
Assoc. **3**: 138; Pl. 11, Figs. 1-4; Pl. 17, Figs. 6, 7. [Described, illustrated.] :13. [Listed.] :139. [Comparative note.]
- 1916 *Stenocranus agamopsyche* Muir, Philippine Jour. Sci. **11**: 381. [Listed.]<sup>1,3</sup>
- 1917 *Stenocranus agamopsyche* Muir, Proc. Hawaiian Ent. Soc. **3**: 322; Pl. 6, Fig. 39. [Notes, illustrated.] :323. [Comparative note.]<sup>1</sup>
- 1926 *Stenocranus agamopsyche* Muir, Trans. Ent. Soc. London **1926**: 377; Pl. 87, Figs. 4-7. [Morphology of the aedeagus, illustrated.]

**akashiensis** Matsumura

- 1935 *Stenocranus akashiensis* Matsumura, Ins. Matsumurana **9**: 127. Honshu<sup>1</sup>  
[n. sp.]<sup>1</sup> :126. [Key.] :130, 131. [Comparative note.] (Japan)
- angustatus*. Typographical error for *Stenocranus angustus* Crawford.

**angustus** Crawford

- 1914 *Stenocranus angustus* Crawford, Mon. Delphacidae :589. [n. sp.]<sup>1</sup> British  
:587. [Key.] Honduras<sup>1</sup>
- 1920 *Stenocranus angustatus* [sic] Spooner, Ent. News **31**: 46. [Ecol- Georgia<sup>2</sup>  
ogy.]<sup>2</sup>
- 1922 *Stenocranus angustus* Dozier, Ohio Jour. Sci. **22**: 79. [Described.]<sup>1</sup> :70. [Key.] :69.  
[Listed.]<sup>1</sup> :81. [Note.]
- 1922 *Stenocranus angustatus* [sic] Dozier, Ohio Jour. Sci. **22**: 76. [Comparative note.]

**arundineus** Metcalf

- 1923 *Stenocranus arundineus* Metcalf, Jour. Elisha Mitchell Soc. North Carolina<sup>1</sup>  
**38**: 197; Pl. 59, Figs. 399, 400; Pl. 65, Fig. 552; Pl. 68, Figs. 640, Alberta<sup>2</sup>  
641. [n. sp., illustrated.]<sup>1</sup> :168. [Key.] :150. [Listed.]
- 1938 *Stenocranus arundineus* Brimley, Insects of North Carolina **1938**: 102. [Listed.]<sup>1</sup>
- 1940 *Stenocranus arundineus* Strickland, Canadian Ent. **72**: 88. [Listed.]<sup>2</sup>

**bakeri** Muir

- 1916 *Stenocranus pacificus* [nec Kirkaldy] Muir, Philippine Jour. Sci. Luzon<sup>1</sup>  
**11**: 382. [Notes.]<sup>1</sup>
- 1917 *Stenocranus bakeri* Muir, Proc. Hawaiian Ent. Soc. **3**: 321; Pl. VI, Fig. 43. [n. sp.,  
illustrated.]<sup>1</sup> Equals *Stenocranus pacificus* Muir [nec. Kirk.]



*Stenocranus*

*breviceps* Dozier. See *Liburnia breviceps* Dozier.

*breviceps* Matsumura [nec Dozier]. See *Stenocranus matsumurai* Metcalf.

*coloratus* Kirschbaum. See *Stenocranus fuscovittatus* Stål.

*croceus* Van Duzee. See *Kelisia crocea* Van Duzee.

*croceus*. Typographical error for *Stenocranus croceus* Van Duzee. See *Kelisia crocea* Van Duzee.

**distinctus** Muir

- 1929 *Stenocranus* (?) *distinctus* Muir, Ann. Mag. Nat. Hist. (10) 4: 195; Natal<sup>1</sup>  
Figs. 4, 5. [n. sp., illustrated.]<sup>1</sup>

**dorsalis** Fitch

- 1851 *Delphax dorsalis* Fitch, Cat. Homop. :46. [n. sp.]<sup>1</sup> New York<sup>1</sup>  
1852 *Delphax dorsalis* Walker, List Homop. British Mus. 4: 1136. United States<sup>2</sup>  
[Listed.]<sup>2</sup> Canada<sup>3</sup>  
1872 *Delphax unipunctata* Provancher, Nat. Canadien 4: 319. [n. sp.]<sup>3</sup> Quebec<sup>4</sup>  
1883 *Delphax unipunctata* Brodie and White, Check-List Ins. Canada Ontario<sup>5</sup>  
:59. [Listed.]<sup>3</sup> New Jersey<sup>6</sup>  
1888 *Liburnia dorsalis* Van Duzee, Psyche 5: 28. [Mimicry.] Equals Iowa<sup>7</sup>  
*Delphax dorsalis* Fitch. Louisiana<sup>8</sup>  
1889 *Delphax unipunctata* Provancher, Petite Faune Ent. Canada 3: Ontario<sup>9</sup>  
224. [Described, key.]<sup>4,5</sup> Colorado<sup>10</sup>  
1890 *Delphax unipunctata* Provancher, Petite Faune Ent. Canada: Northern  
Pl. 5, Fig. 5. [Illustrated.] States<sup>11</sup>  
1890 *Stenocranus dorsalis* Van Duzee, Psyche 5: 390. Equals *Delphax* Eastern  
*dorsalis* Fitch. States<sup>12</sup>  
1890 *Delphax dorsalis* Smith, Cat. Ins. New Jersey 1890: 440. [Listed.]<sup>6</sup> Ohio<sup>13</sup>  
1892 *Stenocranus dorsalis* Osborn, Proc. Iowa Acad. Sci. 1: 127 (13). Illinois<sup>14</sup>  
[Listed.]<sup>7</sup> Nebraska<sup>15</sup>  
1892 *Stenocranus dorsalis* Harrington, Ottawa Nat. 6: 31. [Listed.]<sup>5</sup> Pennsylvania<sup>16</sup>  
1893 *Delphax dorsalis* Fitch, Reprint Cat. Homop. New York :386 New  
(46). [Described.]<sup>1</sup> Hampshire<sup>17</sup>  
1893 *Stenocranus dorsalis* Van Duzee, Rept. New York State Mus. Florida<sup>18</sup>  
Nat. Hist. 46: 410. Equals *Delphax dorsalis* Fitch. Michigan<sup>19</sup>  
1894 *Stenocranus dorsalis* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: Wisconsin<sup>20</sup>  
191. [Notes.]<sup>1</sup> Massachusetts<sup>21</sup>  
1894 *Stenocranus dorsalis* Harrington, Canadian Ent. 26: 16. [Listed.]<sup>9</sup> Maryland<sup>22</sup>  
1895 *Stenocranus dorsalis* Gillette and Baker, Hemip. Colorado :69. Virginia<sup>23</sup>  
[Listed.]<sup>10</sup> North  
1897 *Stenocranus dorsalis* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: Carolina<sup>24</sup>  
231, 232, 233. [Notes, comparative note.]<sup>3,7,10,11,12</sup> Equals *Delphax* Washington,  
*dorsalis* Fitch. Equals *Liburnia dorsalis* Van D. Equals *Delphax* D. C.<sup>25</sup>  
*unipunctata* Prov. :227. [Listed.] South  
1900 *Stenocranus dorsalis* Osborn, Ann. Rept. Ohio St. Acad. Sci. 8: Carolina<sup>26</sup>  
64. [Listed.]<sup>13</sup> Isle of Pines<sup>27</sup>  
1900 *Stenocranus dorsalis* Smith, Ins. New Jersey 1900: 89. [Listed.]<sup>29</sup> (West Indies)  
1904 *Stenocranus dorsalis* Osborn, Proc. Soc. Prom. Agr. Sci. 25: 33. Connecticut<sup>28</sup>  
[Economics.] Eastern  
1904 *Stenocranus dorsalis* Swezey, Prelim. Cat. Fulgoridae North United States<sup>29</sup>  
America 1904: 31. [Listed.]<sup>1,3,7,10,13,14,15</sup> Equals *Delphax dorsalis* Indiana<sup>30</sup>  
Fitch. Equals *Delphax unipuncta* [sic] Prov. Equals *Liburnia* Alberta<sup>31</sup>  
*dorsalis* Van D.  
1904 *Stenocranus dorsalis* Wirtner, Ann. Carnegie Mus. 3: 215. [Listed.]<sup>16</sup>  
1905 *Stenocranus dorsalis* Van Duzee, Bull. New York State Mus. 97: 553. [Listed.]<sup>1</sup>  
1906 *Stenocranus dorsalis* Slosson, Ent. News 17: 326. [Listed.]<sup>17</sup>  
1907 *Stenocranus dorsalis* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 138. [Compara-  
tive note.]

- 1907 *Stenocranus dorsalis* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **8**: 50. [Comparative note.]
- 1909 *Stenocranus dorsalis* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **9**: 196. [Listed.]<sup>18</sup>
- 1910 *Stenocranus dorsalis* Felt, Bull. New York State Mus. **141**: 121. [Listed.] Equals *Delphax dorsalis* Fitch.
- 1910 *Stenocranus dorsalis* Smith, Rept. Ins. New Jersey **1900**: 97. [Listed.]<sup>29</sup>
- 1910 [*Stenocranus*] *dorsalis* Van Duzee, Trans. American Ent. Soc. **36**: 88. [Comparative note.]
- 1912 *Stenocranus dorsalis* Van Duzee, Canadian Ent. **44**: 325. Equals *Delphax unipunctata* Prov.
- 1914 *Stenocranus dorsalis* Crawford, Mon. Delphacidae :588; Pl. 46, Figs. C, E, F, O; Pl. 49, Fig. J. [Described, illustrated.]<sup>3,10,14,16,19,20,21,22,23</sup> Equals *Delphax dorsalis* Fitch. Equals *Delphax unipuncta* [sic] Prov. Equals *Liburnia dorsalis* Van D. Equals *Stenocranus lautus* Van D. [error.] :587. [Key.]
- 1914 [*Stenocranus*] *dorsalis* Crawford, Mon. Delphacidae :589, 590, 591. [Comparative note.]
- 1914 *Stenocranus dorsalis* Van Duzee, Psyche **21**: 165. Equals *Stenocranus vittatus* Stål [error]. Equals *Stenocranus lautus* Van D. [error.]
- 1914 *Stenocranus dorsalis* Barber, Bull. American Mus. Nat. Hist. **33**: 528 [Listed.]<sup>18</sup>
- 1915 *Stenocranus dorsalis* Metcalf, Jour. Elisha Mitchell Soc. **31**: 44 (12). [Listed.]<sup>24</sup>
- 1916 *Stenocranus dorsalis* Van Duzee, Check List Hemip. America :83. [Listed.]<sup>3,12</sup> Equals *Stenocranus vittata* Stål [error.] Equals *Stenocranus unipunctata* Prov.
- 1917 *Stenocranus dorsalis* Weiss, Ent. News **28**: 215. [Listed.]<sup>6</sup>
- 1917 *Stenocranus dorsalis* Van Duzee, Cat. Hemip. America :763. [Listed.]<sup>4,6,7,9,10,13,14,15,16,17,18,23,24,25,26</sup> Equals *Delphax dorsalis* Fitch. Equals *Liburnia dorsalis*. Van D. Equals *Delphax unipunctata*. Prov.
- 1917 *Stenocranus dorsalis* Heidemann and Osborn, Ann. Carnegie Mus. **11**: 348. [Listed.]<sup>27</sup>
- 1918 *Stenocranus dorsalis* Fenton, Ohio Jour. Sci. **18**: 189. [Parasites.]
- 1920 *Stenocranus dorsalis* Britton, Check-List Ins. Connecticut :47. [Listed.]<sup>28</sup>
- 1921 *Stenocranus dorsalis* Osborn, Florida Ent. **5**: 18. [Listed.]<sup>18</sup>
- 1922 *Stenocranus dorsalis* Osborn, Tech. Publ. New York St. Coll. For. **16**: 51. [Ecology.]<sup>1</sup>
- 1922 *Stenocranus dorsalis* Dozier, Ohio Jour. Sci. **22**: 71; Pl. 1, Figs. 7a, 7b. [Described, illustrated.]<sup>2,3</sup> :70. [Key.] :72, 73, 74, 75, 76, 77, 78, 79. [Comparative note.] :81. [Note.]
- 1923 *Stenocranus dorsalis* Van Duzee, Fulgoridae Hemip. Connecticut :46. [Key, notes.]<sup>29</sup> :47. [Comparative note.]
- 1923 *Stenocranus dorsalis* Van Duzee, Bull. Connecticut Geol. Nat. Hist. Surv. **34**: 46. [Key, notes.]<sup>29</sup>
- 1923 *Stenocranus dorsalis* Metcalf, Jour. Elisha Mitchell Soc. **38**: 168; Pl. 59, Fig. 404; Pl. 68, Figs. 643, 644. [Key, illustrated.]
- 1924 *Stenocranus dorsalis* Weese, Illinois Biol. Monog. **9**: 32. [Ecology.]
- 1928 *Stenocranus dorsalis* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. **101**: 180. [Listed.]<sup>1</sup>
- 1930 *Stenocranus dorsalis* Hendrickson, Iowa State Jour. Sci. **4**: 90. [Ecology.]<sup>7</sup>
- 1934 *Stenocranus dorsalis* Heaton, Bull. Brooklyn Ent. Soc. **29**: 114. [Listed.]<sup>30</sup>
- 1937 *Stenocranus dorsalis* Strickland, Canadian Ent. **69**: 95. [Listed.]<sup>31</sup>
- 1938 *Stenocranus dorsalis* Brimley, Insects of North Carolina **1938**: 102. [Listed.]<sup>24</sup>
- 1938 *Stenocranus dorsalis* Osborn, Bull. Ohio Biol. Surv. **6**: 330; Fig. 35a. [Described, illustrated.]<sup>3</sup> :331, 333. [Comparative note.]
- 1939 *Stenocranus dorsalis* Glick, Tech. Bull. United States Dept. Agr. **673**: 27. [Listed.]<sup>8</sup>
- 1939 *Stenocranus dorsalis* Osborn, Meadow and Pasture Insects **1939**: 161. [Note.]
- 1940 *Stenocranus dorsalis* Clausen, Entomophagous insects **1940**: 319. [Parasites.]
- dorsalis* var. *lautus* Van Duzee. See *Stenocranus lautus* Van Duzee.
- dorsalis* var. *vittatus* Stål. See *Stenocranus lautus* Van Duzee.

**elongatus** Matsumura

- 1935 *Stenocranus elongatus* Matsumura, Ins. Matsumurana **9**: 127. [n. Honshu<sup>1</sup> sp.] :126. [Key.] (Japan)

*Stenocranus***fallax** Matsumura

- 1935 *Stenocranus fallax* Matsumura, Ins. Matsumurana 9: 128. [n. sp.]<sup>1,2,3</sup> :126. [Key.] :127, 128, 131. [Comparative note.] (Japan)  
 1935 *Stenocranus fallax* Matsumura, Ins. Matsumurana 10: 71, 72. Honshu<sup>2</sup> (Japan)  
 [Comparative note.] China<sup>3</sup>

*farinosus* Buckton. See *Stenocranus minutus* Fabricius.

**felti** Van Duzee

- 1910 *Stenocranus felti* Van Duzee, Trans. American Ent. Soc. 36: 88. New [n. sp.]<sup>1,2</sup> Hampshire<sup>1</sup>  
 1910 *Stenocranus felti* Young, Bull. New York State Mus. 141: 124. New York<sup>2</sup>  
 [Listed.]<sup>2</sup> Manitoba<sup>3</sup>  
 1913 *Stenocranus felti* Gibson, Ann. Rept. Ent. Soc. Ontario 43: 135. Eastern [Listed.]<sup>3</sup> States<sup>4</sup>  
 1914 *Stenocranus felti* Crawford, Mon. Delphacidae :591. [Listed.]<sup>1,2</sup> Maine<sup>5</sup>  
 :587. [Key.]  
 1916 *Stenocranus felti* Van Duzee, Check List Hemip. America :83. [Listed.]<sup>4</sup>  
 1917 *Stenocranus felti* Van Duzee, Cat. Hemip. America :763. [Listed.]<sup>1,2</sup>  
 1922 *Stenocranus felti* Dozier, Ohio Jour. Sci. 22: 73; Pl. 1, Fig. 5. [Described, illustrated.]<sup>1,2,3</sup> :70. [Key.] :81. [Note.]  
 1922 *Stenocranus felti* Osborn, Tech. Publ. New York St. Coll. For. 16: 51. [Ecology.]<sup>2</sup>  
 1923 *Stenocranus felti* Van Duzee, Fulgoridae Hemip. Connecticut :46. [Key, notes.]<sup>1,2</sup>  
 1923 *Stenocranus felti* Metcalf, Jour. Elisha Mitchell Soc. 38: 168; Pl. 59, Figs. 401, 402. [Key, illustrated.]  
 1928 *Stenocranus felti* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 180. [Listed.]<sup>2</sup>

**formosanus** Matsumura

- 1935 *Stenocranus formosanus* Matsumura, Ins. Matsumurana 9: 128. Formosa<sup>1</sup>  
 [n. sp.]<sup>1</sup> :126. [Key.]

*fuscivittatus*. Typographical error for *Stenocranus fuscovittatus* Stål.

*fuscofasciatus*. Typographical error for *Stenocranus fuscovittatus* Stål.

*fuscovenosus*. Typographical error for *Stenocranus fuscovenosus* Fieber. See *Stenocranus fuscovittata* Stål.

*fuscovenosus*. Typographical error for *Stenocranus fuscovenosus* Fieber. See *Stenocranus fuscovittatus* Stål.

*fuscovenosus* Fieber. See *Stenocranus fuscovittatus* Stål.

*fuscovittatus*. Typographical error for *Stenocranus fuscovittatus* Stål.

**fuscovittatus** Stål

- 1855 *Delphax fuscovittata* Fairmaire, Histoire Naturelle de la France. Russia<sup>1</sup>  
 Hémiptères 1855: 146. [Described.]<sup>6</sup> Siberia<sup>2</sup>  
 1858 *Delphax fuscovittata* Stål, Stett. Ent. Zeit. 19: 191. [n. sp.]<sup>2</sup> Germany<sup>3</sup>  
 1859 *Delphax fuscovittata* Dohrn, Cat. Hemip. :61. [Listed.]<sup>2</sup> Portugal<sup>4</sup>  
 1866 *Stenocarenus* [sic] *fuscovittatus* [sic] (*fuscovenosus*) Fieber, Verh. Central Europe<sup>5</sup>  
 Zool. Bot. Ges. Wien 16: Pl. VIII, Fig. 3. [Illustrated.] France<sup>6</sup>  
 1866 *Stenocranus fuscovittatus* Fieber, Verh. Zool. Bot. Ges. Wien 16: Europe<sup>7</sup>  
 519, 532. [Listed.] England<sup>8</sup>  
 1867 *Stenocranus fuscovittatus* Dallas, Zool. Rec. 3: 560. Equals *Delphax fuscovittatus* Stål. Switzerland<sup>9</sup>  
 Belgium<sup>10</sup>  
 1868 *Delphax colorata* Kirschbaum, Cicad. Wiesbaden :22. [n. sp.]<sup>3</sup> Austria<sup>11</sup>  
 1870 *Liburnia fuscovittata* Scott, Ent. Monthly Mag. 7: 75. [Listed.]<sup>13</sup> Czechoslovakia<sup>12</sup>  
 :25. [Key.] British Isles<sup>13</sup>

- 1871 *Delphax fuscovittata* Oshanin, Mém. Soc. Amis Sci. Nat. Moscou Hungary<sup>14</sup>  
8: 108. [Listed.] Turkestan<sup>15</sup>
- 1872 *Stenocranus fuscovittatus* Fieber, Kat. Europäischen Cicad. :5. Roumania<sup>16</sup>  
[Listed.]<sup>5</sup> Equals *Stenocranus colorata* Kirschb. Equals *Steno-*  
*cranus major* Kirschb. [error.] Denmark<sup>17</sup>
- 1872 *Stenocranus fuscovittatus* Fieber, Verh. Zool. Bot. Ges. Wien 22: 28. Equals *Delphax*  
*major* Kirschb. [error.] Equals *Delphax colorata* Kirschb.
- 1874 *Stenocranus fuscovittatus* Lethierry, Cat. Hémip. Dept. du Nord Second Ed. :257  
(53). [Listed.]<sup>6</sup>
- 1875 *Stenocranus fuscovittatus* Puton, Cat. Hémip. d'Europe 2 Ed. :117. [Listed.]<sup>7</sup>  
Equals *Stenocranus coloratus* Kirschb. Equals *Stenocranus major* Kirschb. [error.]
- 1876 *Liburnia fuscovittata* Douglas and Scott, Cat. British Hemip. :66. [Listed.]<sup>13</sup> Equals  
*Delphax major* Kirschb. [error.] Equals *Delphax colorata* Kirschb. Equals *Delphax*  
*fuscovittata* Stål.
- 1878 *Delphax fuscovittata* Dale, History of Glanville's Wootton :304. [Listed.]<sup>8</sup>
- 1878 *Stenocranus fuscovittatus* Fieber, Cicad. d'Europe Pt. 3: 281 (12). [Described.]<sup>1,3,6,9</sup>  
Equals *Delphax fuscovittata* Stål. Equals *Stenocranus fuscocerosus* [sic] Fieb.  
Equals *Delphax colorata* Kirschb. Equals *Delphax major* Kirschb. [error.]
- 1878 *Stenocranus fuscovittatus* Lethierry, Ann. Soc. Ent. Belgique 21: XXXVII. [Listed.]<sup>10</sup>
- 1878 *Stenocranus fuscovittatus* Rieber, Bull. Soc. Hist. Nat. Colmar 18: 67. [Listed.]<sup>6</sup>
- 1880 *Stenocranus fuscovittatus* Rieber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 54.  
[Listed.]<sup>6</sup>
- 1881 *Stenocranus fuscovittatus* Mayr, Ber. Natur.-Med. Ver. Innsbruck 10: 86 (10).  
[Listed.]<sup>11</sup>
- 1882 *Stenocranus fuscovittatus* Ferrari, Cicad. Agri. Liguistici :89 (17). [Key.]
- 1883 *Liburnia fuscovittata* Bloomfield, Natural History of Hastings. First Suppl. 1883:  
:33. [Listed.]<sup>8</sup>
- 1884 *Stenocranus fuscovittatus* Mayr, Tabellen :19. [Listed.]<sup>3,6,9,11</sup>
- 1885 *Delphax fuscovittata* Fairmaire, Hist. Nat. France Hémip. :146. [Described.]<sup>6</sup>
- 1886 *Liburnia fuscovittata* Edwards, Syn. British Homop.- Cicadina Pt. 1: 62. [De-  
scribed.]<sup>13</sup> Equals *Delphax fuscovittata* Stål. Equals *Delphax major* Kirschb. [error.]  
Equals *Delphax colorata* Kirschb. Equals *Stenocranus fuscovenosus* Fieb. Equals  
*Stenocranus fuscovittata* Fieb. :58. [Key.]
- 1886 *Stenocranus fuscovittatus* Then, Kat. Österreichischen Cicad. 1886: 13. [Listed.]<sup>5,11</sup>
- 1886 *Stenocranus fuscovittatus* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :72.  
[Listed.]<sup>7</sup> Equals *Stenocranus coloratus* Kirschb. Equals *Stenocranus major* Kirschb.  
[error.]
- 1888 *Stenocranus fuscovittatus* Dubois, Mém. Soc. Linn. Nord France 7: 154 (58). [Listed.]<sup>6</sup>
- 1890 *Liburnia fuscovittata* Buckton, Mon. British Cicadae 1: 31; Pl. IX, Figs. 7-10. [De-  
scribed, illustrated.]<sup>13</sup> Equals *Delphax colorata* Kirschb. Equals *Delphax fusco-*  
*vittata* Stål. Equals *Delphax major* Kirschb. [error.] Equals *Stenocranus fusco-*  
*venosus* Fieb. Equals *Stenocranus fuscovittatus* Fieb.
- 1890 *Liburnia fuscovittata* Buckton, Mon. British Cicadae 3: 65. [Synopsis.]
- 1890 *Liburnia fuscovittata* Saunders and Edwards, Cat. British Hemiptera. 1890 :11.  
[Listed.]<sup>13</sup>
- 1891 *Stenocranus fuscovittatus* Jakovleff, Horae Soc. Ent. Rossicae 25: 426. [Listed.]
- 1891 *Stenocranus fuscovittatus* Oshanin, Mém. Sect. caucasienne Soc. russe Geogr. 23  
(1) :63. [Listed.]<sup>1</sup>
- 1892 *Stenocranus* (?) *fuscovittatus* Duda, Cat. Ins. Faunae Bohemicae :28. [Listed.]<sup>12</sup>  
Equals *Stenocranus coloratus* Kirschb. Equals *Stenocranus major* Kirschb. [error.]
- 1892 *Stenocranus fuscovittatus* Lethierry, Rev. Hémip. Belgique :21. [Listed.]<sup>10</sup>
- 1892 *Stenocranus fuscovittatus* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>10</sup>
- 1892 *Stenocranus fuscovittatus* Carpentier and Dubois, Mém. Soc. Linn. Nord France 8:  
432. [Listed.]<sup>6</sup>
- 1894 *Liburnia* (*Stenocranus*) *fuscovittata* Edwards, Hemip.-Homop. British Islands Pt. 1:  
32; Pl. 4, Fig. 8. [Key, illustrated.]



*Stenocranus*

- 1894 *Liburnia fuscovittata* Edwards, Hemip.-Homop. British Islands Pt. 2: 40. [Described.]<sup>13</sup>
- 1894 *Liburnia fuscovittata* Edwards, Trans. Nat. Soc. Norwich 5: 650. [Listed.]<sup>8</sup>
- 1896 *Stenocranus fuscovittatus* Melichar, Cicad. Mittel-Europa :57. [Key, described.]<sup>3,5,11</sup>  
Equals *Delphax fuscovittatus* Stål. Equals *Delphax major* Kirschb. [error.] Equals *Delphax colorata* Kirschb. Equals *Liburnia fuscovittatus* Edw.
- 1897 *Stenocranus fuscovittatus* Horváth, Fauna Regni Hungariae :56. [Listed.]<sup>14</sup>
- 1897 *Delphax fuscovittata* Acloque, Faune France :401. [Key.]<sup>6</sup>
- 1899 *Stenocranus fuscovittatus* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :106. [Listed.]<sup>7</sup> Equals *Stenocranus coloratus* Kirschb. Equals *Stenocranus major* Kirschb. [error.]
- 1901 *Stenocranus fuscovittatus* Lambertie, Act. Soc. Linn. Bordeaux 56: 216 (88). [Listed.]
- 1903 *Stenocranus fuscovittatus* Lambertie, Proc. Verb. Soc. Linn. Bordeaux. 58: LXXV. [Listed.]<sup>6</sup>
- 1904 *Stenocranus fuscovittatus* Hübner, Syst. Verz. deutschen Zikadinen :268. [Listed.]<sup>3</sup>  
Equals *Stenocranus coloratus* Kirschb. Equals *Stenocranus major* Kirschb. [error.]
- 1906 *Stenocranus fuscovittatus* Matsunura, Schr. Nat. Ges. Danzig 11: 75. [Listed.]<sup>3</sup>
- 1907 *Liburnia fuscovittata* Butler, Hémipt. Hastings :56. [Listed.]<sup>8</sup>
- 1907 *Stenocranus fuscovittatus* Oshanin, Cat. Homop. St. Pétersbourg 1907: 244 (32). [Listed.]<sup>1</sup>
- 1907 *Stenocranus fuscovittatus* Oshanin, Verz. Palaeark. Hemip. 2(2): 302. [Listed.]<sup>2,3,6,9,11</sup>  
<sup>13,14,16</sup> Equals *Delphax fuscovittata* Stål. Equals *Delphax major* Kirschb. [error.]  
Equals *Delphax colorata* Kirschb. Equals *Stenocranus fuscovenosus* Fieb. Equals *Liburnia fuscovittata* Scott.
- 1908 *Stenocranus fuscovittatus* Saunders and Edwards, Cat. British Hemiptera 1908: 14. [Listed.]<sup>13</sup>
- 1908 *Stenocranus fuscovittatus* Oshanin, Verz. Palaeark. Hemip. 2 (3) :452. [Listed.]<sup>1,10</sup>
- 1909 *Stenocranus fuscovittatus* Edwards, Trans. Nat. Soc. Norwich 8: 843. [Listed.]<sup>8</sup>  
Equals *Liburnia fuscovittata* Stål.
- 1910 *Stenocranus fuscovittatus* Lambertie, Misc. Ent. 18: 91. [Listed.]<sup>6</sup> Equals *Stenocranus coloratus* Kirschb. Equals *Stenocranus major* Kirschb. [error.]
- 1912 *Stenocranus fuscovittatus* Schmidt, Stett. Ent. Zeit. 73: 149. [Listed.]<sup>3</sup>
- 1912 *Stenocranus fuscovittatus* Oshanin, Kat. Paläark. Hemip.: 118. [Listed.]<sup>2,5</sup> Equals *Stenocranus fuscovenosus* Fieb. Equals *Stenocranus major* Kirschb. [error.] Equals *Stenocranus coloratus* Kirschb.
- 1913 *Stenocranus fuscovittatus* [sic] Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]<sup>11</sup>
- 1915 *Stenocranus fuscovittatus* Jensen-Haarup, Flora och Fauna 1915: 103. [Described.]<sup>17</sup>  
:102. [Key.]
- 1915 *Stenocranus fuscovittatus* Jacobsen, Ent. Medd. 10: 319. [Listed.]<sup>17</sup>
- 1922 *Stenocranus fuscovittatus* Dozier, Ohio Jour. Sci. 22: 69. [Listed.]<sup>7</sup>
- 1927 *Delphax fuscovittata* Perrier, Traité de Zoologie 3: 1319. [Listed.]
- 1927 *Stenocranus fuscovittatus* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 142. [Listed.]<sup>6</sup>
- 1929 *Stenocranus fuscovittatus* Kusnezov, Wien. Ent. Zeit. 46: 157. [Listed.]<sup>15</sup>
- 1929 *Stenocranus fuscovittatus* Lallemand, Mem. Est. Mus. Zool. Univ. Coimbra 39: 6. [Listed.]<sup>4</sup>
- 1929 *Stenocranus fuscovittatus* Lindberg, Comm. Biol. 3(6): 14. [Listed.]<sup>2</sup>
- 1930 *Stenocranus* [sic] *fuscovittatus* [sic] de Seabra, Arq. Sec. Biol. e Par. 1 (4) :351. [Notes.]<sup>4</sup>
- 1931 *Stenocranus fuscovittatus* Haupt, Mitt. Deutschen Ent. Ges. 2: 153; Fig. 1C. [Key, illustrated.] :152. [Notes.] :151, 152. [Comparative note.]
- 1934 *Stenocranus fuscovittata* Thornley, Trans. Soc. British Ent. 1: 82. [Listed.]<sup>8</sup>
- 1935 *Stenocranus fuscovittatus* Haupt, Tierwelt Mitteleuropas 4 (3) :135; Fig. 217C. [Key, illustrated.]
- 1935 *Stenocranus fuscovittatus* Matsumura, Ins. Matsumurana 9: 128, 130, 131. [Comparative note.]
- 1937 *Stenocranus fuscofasciatus* [sic] Kuntze, Arch. Nat. (n. f.) 6: 333. [Ecology.]<sup>3</sup>

- 1937 *Stenocranus fuscovittatus* Kuntze, Arch. Nat. (n.f.) 6: 327, 344, 354, 370. [Ecology.]<sup>3</sup>  
 1939 *Stenocranus fuscovittatus* China, Ent. Monthly Mag. 75: 47; Fig. 2B. [Note, illustrated.]<sup>8</sup> :48. [Key.]

*fuscovittatus*. Typographical error for *Stenocranus fuscovittatus* Stål.

*guttulus* Germar. See *Kelisia guttula* Germar.

*guttuliferus* Kirschbaum. See *Kelisia vittipennis* Sahlberg.

### **harimensis** Matsumura

- 1935 *Stenocranus harimensis* Matsumura, Ins. Matsumurana 9: 129. Honshu<sup>1</sup>  
 [n. sp.]<sup>1</sup> :126. [Key.] (Japan)

*hinei* Dozier. See *Liburnia aurantii* Crawford.

### **hokkaidoensis** nom. nov. for *Stenocranus vittatus* Matsumura 1935 [nec *Stenocranus vittatus* Stål 1862].

- 1935 *Stenocranus vittatus* Matsumura, Ins. Matsumurana 9: 132. [n. sp.]<sup>1</sup> :126. [Key.] Hokkaido<sup>1</sup>  
 (Japan)

### **hopponis** Matsumura

- 1935 *Stenocranus hopponis* Matsumura, Ins. Matsumurana 9: 129. Formosa<sup>1</sup>  
 [n. sp.]<sup>1</sup> :126. [Key.]

*illabatus* Rey (var.). See *Stenocranus minutus* var. *illabatus* Rey.

### **intermedius** Oshanin

- 1891 *Stenocranus intermedius* Oshanin, Mém. Sect. caucasienne Soc. Russie<sup>1</sup>  
 russe Geogr. 23 (1) :48, 63. [Listed.]<sup>1</sup> [nom. nud.]

### **japonicus** Esaki

- 1932 *Stenocranus japonicus* Esaki, Iconographia Insectorum Japonicorum :1783. [n. sp., illustrated.]<sup>1</sup> Japan<sup>1</sup>  
 1932 *Stenocranus japonicus* Esaki, Short Course Lectures, Leaf-hoppers :7. [Listed.]<sup>1</sup>  
 1933 *Stenocranus japonicus* Kato, Three Colour Ill. Ins. Japan 4: Pl. 17, Fig. 2. [Illustrated.]<sup>1</sup>

### **koreanus** Matsumura

- 1935 *Stenocranus koreanus* Matsumura, Ins. Matsumurana 9: 129. Korea<sup>1</sup>  
 [n. sp.]<sup>1</sup> :127. [Key.]

### **lautus** Van Duzee

- 1862 *Delphax vittata* Stål, Berliner Ent. Zeit. 6: 315. [n. sp.]<sup>1,2</sup> South Carolina<sup>1</sup>  
 1897 *Stenocranus lautus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 231. Pennsylvania<sup>2</sup>  
 [n. sp.]<sup>4,5</sup> :227. [Listed.] Carolina<sup>3</sup>  
 1897 *Delphax vittata* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 227, New York<sup>4</sup>  
 261. [Listed.]<sup>2,3</sup> Virginia<sup>5</sup>  
 1897 *Stenocranus lautus* Slosson, Ent. News 8: 240. [Listed.]<sup>6</sup> New Hampshire<sup>6</sup>  
 1900 *Stenocranus lautus* Smith, Ins. New Jersey 1900: 89. [Listed.]<sup>4,7</sup> New Jersey<sup>7</sup>  
 1900 *Stenocranus lautus* Osborn, Ann. Rept. Ohio St. Acad. Sci. 8: 64. Ohio<sup>8</sup>  
 [Listed.]<sup>8</sup> North Carolina<sup>9</sup>  
 1903 *Stenocranus lautus* Ball, Canadian Ent. 35: 231. [Comparative North America<sup>10</sup>  
 note.] Connecticut<sup>11</sup>  
 1904 *Stenocranus lautus* Osborn, Proc. Soc. Prom. Agr. Sci. 25: 33. Florida<sup>12</sup>  
 [Economics.] Mississippi<sup>13</sup>

*Stenocranus*

- 1904 *Stenocranus lautus* Swezey, Prelim. Cat. Fulgoridae North America 1904 : 32. [Listed.]<sup>4,5,7,8</sup> Cuba<sup>14</sup>  
British Columbia<sup>15</sup>
- 1904 *Delphax vittata* Swezey, Prelim. Cat. Fulgoridae North America 1904 : 43. [Listed.]<sup>2,3</sup> Iowa<sup>16</sup>
- 1905 *Stenocranus lautus* Crevecoeur, Trans. Kansas Acad. Sci. 19: 234. [Listed.]<sup>18</sup> Central America<sup>17</sup>
- 1910 *Stenocranus lautus* Smith, Rept. Ins. New Jersey 1910: 97. [Listed.]<sup>4,7</sup> Kansas<sup>18</sup>
- 1910 [*Stenocranus*] *lautus* Van Duzee, Trans. American Ent. Soc. 36: 88. [Comparative note.]
- 1913 *Stenocranus lautus* Metcalf, Ann. Ent. Soc. America 6: 352; Pl. xxxvii, Figs. 49, 50. [Venation, illustrated.]
- 1914 *Stenocranus vittatus* Crawford, Mon. Delphacidae :592. [Listed.]<sup>2,3</sup> Equals *Delphax vittata* Stål.
- 1914 *Stenocranus lautus* Crawford, Mon. Delphacidae :588. To *Stenocranus dorsalis* Fitch [error.]
- 1914 *Stenocranus vittatus* Van Duzee, Psyche 21: 165. To *Stenocranus dorsalis* Fitch (?) [error.]. Equals *Stenocranus lautus* Van D.
- 1915 *Stenocranus lautus* Metcalf, Jour. Elisha Mitchell Soc. 31: 44 (12) [Listed.]<sup>9</sup>
- 1916 *Stenocranus dorsalis lautus* Van Duzee, Check List Hemip. America :83. [Listed.]<sup>10</sup>
- 1916 *Stenocranus vittata* Van Duzee, Check List Hemip. America :83. To *Stenocranus dorsalis* Fitch [error.]
- 1916 *Stenocranus lautus* Crawford, Mon. Delphacidae :588. To *Stenocranus dorsalis* Fitch [error.]
- 1917 *Stenocranus dorsalis vittatus* Van Duzee, Cat. Hemip. America :763. [Listed.] Equals *Delphax vittatus* Stål. Equals *Stenocranus lautus* Van D.
- 1920 *Stenocranus dorsalis vittatus* Britton, Check-list Ins. Connecticut :47. [Listed.]<sup>11</sup> Equals *Stenocranus lautus* Van D.
- 1921 *Stenocranus dorsalis lautus* Osborn, Florida Ent. 5: 18. [Listed.]<sup>12</sup>
- 1922 *Stenocranus vittatus* Dozier, Ohio Jour. Sci. 22: 72; Pl. I, Fig. 8. [Described, illustrated.]<sup>12,13</sup> Equals *Delphax vittata* Stål. :70. [Key.] :81. [Note.]
- 1923 *Stenocranus dorsalis vittatus* Van Duzee, Fulgoridae Hemip. Connecticut :46. [Key, Listed.]<sup>11</sup> Equals *Stenocranus lautus* Van. D.
- 1923 *Stenocranus vittatus* Metcalf, Jour. Elisha Mitchell Soc. 38: 168; Pl. 45, Fig. 101; Pl. 59, Fig. 403; Pl. 62, Fig. 495; Pl. 64, Fig. 528; Pl. 68, Fig. 642. [Key, illustrated.]
- 1926 *Stenocranus vittatus* Osborn, Sci. Contr. Trop. Pl. Res. Found. 2: 358. [Notes.]<sup>12,14,17</sup>
- 1926 *Stenocranus vittatus* Osborn, Ann. Ent. Soc. America 19: 358. [Notes.]<sup>12,14,17</sup>
- 1927 *Stenocranus dorsalis vittatus* Downes, Proc. Ent. Soc. British Columbia 23: 21. [Listed.]<sup>16</sup>
- 1928 *Stenocranus vittatus* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 180. [Listed.]<sup>4</sup>
- 1930 *Stenocranus vittatus* Hendrickson, Iowa State Jour. Sci. 4: 90. [Ecology.]<sup>16</sup>
- 1938 *Stenocranus vittatus* Brimley, Insects of North Carolina 1938: 102. [Listed.]<sup>9</sup>
- 1938 *Stenocranus lautus* Osborn, Bull. Ohio Biol. Surv. 6: 331. [Described.]<sup>8</sup> Equals *Stenocranus lautus vittatus* Stål.

*lineolus* Germar. See *Stenocranus minutus* Fabricius.

*lineolus* var. *illabatus* Rey. See *Stenocranus minutus* var. *illabatus* Rey.

*longicornis* Dozier. See *Megamelus longicornis* Dozier.

*longifrons* Boheman. See *Stenocranus minutus* Fabricius.

*longipennis* Curtis

- 1837 *Delphax longipennis* Curtis, British Ent. 14: Pl. 657. [n. sp., illustrated.]<sup>1</sup> England<sup>1</sup>  
France<sup>2</sup>
- 1851 *Delphax longipennis* Walker, List Homop. British Mus. 2: 352. [Listed.]<sup>1</sup> Ireland<sup>3</sup>  
British Isles<sup>4</sup>
- 1859 *Delphax longipennis* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup> Algeria<sup>5</sup>

- 1860 *Delphax longipennis* Walker, List British Hemip. :17. [Listed.]<sup>1</sup> Russia<sup>6</sup>
- 1862 *Delphax longipennis* Curtis, Homop. British Ent. :Pl. 657. [Described, illustrated.]<sup>1</sup> Europe<sup>7</sup>
- 1865 *Delphax longipennis* Marshall, Ent. Monthly Mag. 1: 200. To *Delphax lineola* Germ. [error].
- 1870 *Delphax longipennis* Scott, Ent. Monthly Mag. 7: 25. [Key.]
- 1872 *Stenocranus longipennis* Fieber, Kat. Europäischen Cicad. :5. [Listed.]<sup>1</sup>
- 1875 *Stenocranus longipennis* Puton, Cat. Hémip. d'Europe 2 Ed. :117. [Listed.]<sup>2,4</sup>
- 1876 *Liburnia longipennis* Douglas and Scott, Cat. British Hemip. :66. [Listed.]<sup>4</sup> Equals *Delphax longipennis* Curt.
- 1878 *Delphax longipennis* Dale, History of Glanville's Wootton: 304. [Listed.]<sup>1</sup>
- 1878 *Stenocranus longipennis* Fieber, Cicad. d'Europe Pt. 3: 282 (13). [Described.]<sup>1</sup> Equals *Delphax longipennis* Curt. Equals *Liburnia longipennis* Curt. Equals *Delphax lineola longipennis* Curt.
- 1882 *Stenocranus longipennis* Ferrari, Cicad. Agri. Ligustici: 89 (17). [Key.]
- 1885 *Delphax longipennis* Kirby, Elem. Text-book Ent. First Ed. :248; Pl. 79, Fig. 5. [Notes, illustrated.]<sup>1</sup>
- 1886 *Liburnia longipennis* Capron, Ent. Monthly Mag. 22: 264. [Listed.]<sup>1</sup>
- 1886 *Liburnia longipennis* Edwards, Syn. British Homop.-Cicadina Pt. 1: 63. [Described.]<sup>4</sup> Equals *Delphax longipennis* Curt. Equals *Stenocranus longipennis* Fieb. :58. [Key.]
- 1886 *Stenocranus longipennis* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :72. [Listed.]<sup>2,4</sup>
- 1890 *Liburnia longipennis* Saunders and Edwards, Cat. British Hemiptera 1890: 11. [Listed.]<sup>4</sup>
- 1890 *Liburnia longipennis* Buckton, Mon. British Cicadae 1: 32; Pl. X, Figs. 4, 5. [Described, illustrated.]<sup>4</sup> Equals *Delphax longipennis* Curt. Equals *Stenocranus longipennis* Fieb.
- 1890 *Liburnia longipennis* Buckton, Mon. British Cicadae 3: 65, 66. [Synopsis.]
- 1891 *Liburnia longipennis* Buckton, Mon. British Cicadae 8: 192. [Ecology.]
- 1891 *Stenocranus longipennis* Oshanin, Mém. Sect. caucasienne Soc. russe Georg. 23 (1): 63. [Listed.]<sup>6</sup>
- 1892 *Delphax longipennis* Kirby, Elem. Text-book Ent. Second Ed. :248; Pl. 79, Fig. 5. [Notes, illustrated.]<sup>1</sup>
- 1894 *Liburnia longipennis* Edwards, Hemip.-Homop. British Islands Pt. 1: Pl. 4, Fig. 9. [Illustrated.]
- 1894 *Liburnia longipennis* Edwards, Hemip.-Homop. British Islands Pt. 2: 40. [Described.]<sup>4</sup>
- 1894 *Liburnia (Stenocranus) longipennis* Edwards, Hemip.-Homop. British Islands Pt. 2: 33. [Key.]
- 1899 *Stenocranus longipennis* Puton, Cat. Hémip. Fauna Paléarctique 4 Ed. :106. [Listed.]<sup>2,4</sup>
- 1900 *Stenocranus longipennis* Fokker, Tijdschr. Ent. 42: 25. [Listed.]<sup>6</sup>
- 1907 *Stenocranus longipennis* Oshanin, Verz. Palaeark. Hemip. 2 (2):302. [Listed.]<sup>2,4,5</sup> Equals *Delphax longipennis* Curt. Equals *Liburnia longipennis* Scott.
- 1908 *Stenocranus longipennis* Whittaker, Hemip.-Homop. Lancashire and Cheshire :22. [Listed.]<sup>1</sup> Equals *Liburnia [longipennis* Curt.]
- 1908 *Stenocranus longipennis* Saunders and Edwards, Cat. British Hemiptera 1908: 14. [Listed.]<sup>4</sup>
- 1912 *Stenocranus longipennis* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>1,2,5</sup>
- 1914 *Stenocranus longipennis* Edwards, Trans. Nat. Soc. Norwich 9: 813. [Listed.]<sup>1</sup>
- 1922 *Stenocranus longipennis* Dozier, Ohio Jour. Sci. 22: 69. [Listed.]<sup>7</sup>
- 1924 *Stenocranus longipennis* Brown, Ent. Monthly Mag. 60: 118. [Listed.]<sup>1</sup>
- 1927 *Delphax longipennis* Sherborn, Index Animalium 14: 3652. [Listed.]
- 1930 *Stenocranus longipennis* Britten, Check List Fauna Lancashire and Cheshire 1: 74. [Listed.]<sup>1</sup>
- 1934 *Stenocranus longipennis* Thornley, Trans. Soc. British Ent. 1: 82. [Listed.]<sup>1</sup>
- 1935 *Stenocranus longipennis* Halbert, Proc. R. Irish Acad. 42 (Sect. B) :310 [Listed.]<sup>3</sup>
- 1939 *Stenocranus longipennis* China, Ent. Monthly Mag. 75: 48. [Key.]



*Stenocranus****luteivitta* Walker**

- 1851 *Delphax luteivitta* Walker, List Homop. British Mus. 2: 354. United States<sup>1</sup>  
[n. sp.]<sup>1</sup> North America<sup>2</sup>
- 1859 *Delphax luteivitta* Dohrn, Cat. Hemip :61. [Listed.]<sup>2</sup>
- 1897 *Delphax luteivitta* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 227, 261. [Listed.]<sup>1</sup>
- 1904 *Delphax luteivitta* Swezey, Prelim. Cat. Fulgoridae North America 1904: 43.  
[Listed.]<sup>1</sup>
- 1914 *Delphax luteivitta* Crawford, Mon. Delphacidae :633. [Listed.]<sup>1</sup>
- 1916 *Dicranotropis* (?) *luteivitta* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>1</sup>
- 1917 *Dicranotropis luteivitta* Van Duzee, Cat. Hemip. America :780. [Listed.]<sup>1</sup> Equals  
*Delphax luteivitta* Walk.
- 1923 *Dicranotropis luteivitta* Metcalf, Jour. Elisha Mitchell Soc. 38: 149. [Listed.]
- 1924 *Stenocranus luteivitta* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 12.  
[Described.] Equals *Delphax luteivitta* Walk.

***luteus* Muir**

- 1917 *Stenocranus* (?) *luteus* Muir, Proc. Hawaiian Ent. Soc. 3: 324; Pl. Amboyna  
6, Fig. 50. [n. sp., illustrated.]<sup>1</sup> Malaysia<sup>1</sup>

***maculipes* Berg**

- 1879 *Delphax maculipes* Berg. An. Soc. Cient. Argentina 8: 187. [n. sp.]<sup>1</sup> Argentina<sup>1</sup>
- 1879 *Delphax maculipes* Berg, Hemip. Argentina :223. [n. sp.]<sup>1</sup> South America<sup>2</sup>
- 1883 *Stenocranus maculipes* Berg, An. Soc. Cient. Argentina 16 : 236.  
Equals *Delphax maculipes* Berg.
- 1884 *Stenocranus maculipes* Berg, Add. Hemip. Argentina :142 [Listed.] Equals *Delphax*  
*maculipes* Berg.
- 1914 *Stenocranus maculipes* Crawford, Mon. Delphacidae :591. [Listed.]<sup>1,2</sup>
- 1922 *Stenocranus maculipes* Dozier, Ohio Jour. Sci. 22: 80. [Described.]<sup>1</sup> Equals *Delphax*  
*maculipes* Berg. :69. [Listed.]<sup>2</sup>
- 1926 *Stenocranus maculipes* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 37. [Listed.] Equals  
*Delphax maculipes* Berg.

***major* Kirschbaum**

- 1868 *Delphax major* Kirschbaum, Cicad. Wiesbaden :21. [n. sp.]<sup>1</sup> Germany<sup>1</sup>
- 1872 *Stenocranus major* Fieber, Kat. Europäischen Cicad. :5. To England<sup>2</sup>  
*Stenocranus fuscovittatus* Stål [error.]
- 1872 *Delphax major* Fieber, Verh. Zool. Bot. Ges. Wien 22: 28. To *Stenocranus fuscovit-*  
*tatus* Stål [error.]
- 1875 *Stenocranus major* Puton, Cat. Hémip. d'Europe 2 Ed. :117. To *Stenocranus fusco-*  
*vittatus* Stål [error.]
- 1876 *Delphax major* Douglas and Scott, Cat. British Hemip. :66. To *Liburnia fuscovittata*  
Stål [error.]
- 1878 *Delphax major* Fieber, Cicad. d Europe Pt. 3: 281 (12). To *Stenocranus fuscovittatus*  
Stål [error.]
- 1886 *Delphax major* Edwards, Syn. British Homop.-Cicadina Pt. 1: 62. To *Liburnia*  
*fuscovittata* Stål [error.]
- 1886 *Stenocranus major* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :72. To *Steno-*  
*cranus fuscovittatus* Stål [error.]
- 1890 *Delphax major* Buckton, Mon. British Cicadae 1: 31. To *Liburnia fuscovittata* Stål  
[error.]
- 1892 *Stenocranus major* Duda, Cat. Ins. Faunae Bohemicae :28. To *Stenocranus* (?)  
*fuscovittatus* Stål [error.]
- 1896 *Delphax major* Melichar, Cicad. Mittel-Europa :58. To *Stenocranus fuscovittatus* Stål  
[error.]

- 1899 *Stenocranus major* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :106. To *Stenocranus fuscovittatus* Stål [error.]
- 1904 *Stenocranus major* Hübner, Syst. Verz. deutschen Zikadinen :268. To *Stenocranus fuscovittatus* Stål [error.]
- 1907 *Delphax major* Oshanin, Verz. Palaeark. Hemip. 2 (2) :302. To *Stenocranus fuscovittatus* Stål [error.]
- 1910 *Stenocranus major* Lambertie, Misc. Ent. 18: 91. To *Stenocranus fuscovittatus* Stål [error.]
- 1912 *Stenocranus major* Oshanin, Kat. Paläark. Hemip. :118. To *Stenocranus fuscovittatus* Stål [error.]
- 1931 *Stenocranus major* Haupt, Mitt. Deutschen Ent. Ges. 2: 153; Fig. 1B. [Key, illustrated.] :151, 152. [Listed.]<sup>1</sup>
- 1935 *Stenocranus major* Haupt, Tierwelt Mitteleuropas 4 (3) :135; Fig. 217B. [Key, illustrated.]
- 1939 *Stenocranus major* China, Ent. Monthly Mag. 75: 47; Fig. 2c. [Notes, illustrated.]<sup>2</sup> :48. [Key.]

**matsumurai** nom. nov. for *Stenocranus breviceps* Matsumura 1935 [nec *Stenocranus breviceps* Dozier 1922].

- 1907 *Stenocranus breviceps* Matsumura, Annot. Zool. Japonenses 6 :86. Hokkaido<sup>1</sup>  
[nom. nud.]<sup>2</sup> (Japan)
- 1935 *Stenocranus breviceps* Matsumura, Ins. Matsumurana 9: 127. Japan<sup>2</sup>  
[n. sp.]<sup>1</sup> :126. [Key.]

### **minutus** Fabricius

- 1787 *Fulgora minuta* Fabricius, Mantissa Insectorum 2: 262. [n. sp.]<sup>1</sup> Germany<sup>1</sup>
- 1789 *Fulgora minuta* Gmelin, Linné Syst. Nat. 1 (4) :2091. [Described.]<sup>1</sup> Belgium<sup>2</sup>  
Sweden<sup>3</sup>
- 1791 *Fulgora minuta* Olivier, Encyclopédie Méthodique 6: 572. [Described.]<sup>1</sup> France<sup>4</sup>  
Siberia<sup>5</sup>
- 1794 *Fulgora minuta* Fabricius, Entomologia Syst. 4: 6. [Described.]<sup>1</sup> Ireland<sup>6</sup>
- 1795 *Fulgora minuta* Weber, Nom. Ent. :144. [Listed.] England<sup>7</sup>
- 1802 *Fulgora minuta* Turton, A general system of nature 2: 573. [Described.]<sup>1</sup> Prussia<sup>8</sup>  
Europe<sup>9</sup>
- 1803 *Delphax minuta* Fabricius, Systema Rhyng. :84. [Described.]<sup>1</sup> Russia<sup>10</sup>  
Equals *Fulgora minuta* Fabr. Norway<sup>11</sup>
- 1804 *Delphax minuta* Coquebert, Ill. Icon. Ins. 3: Pl. XXI, Fig. 4. [Illustrated.] Austria<sup>12</sup>  
Italy<sup>13</sup>
- 1804 *Asiraca minuta* Latreille, Hist. Nat. Ins. 12: 318. [Described.]<sup>1,4</sup> Switzerland<sup>14</sup>  
Equals *Delphax minuta* Fabr. Czechoslovakia<sup>15</sup>
- 1807 *Delphax minuta* Latreille, Genera Crust. et Ins. 3: 168. [Listed.] British Isles<sup>16</sup>
- 1818 *Delphax lineola* Germar, Mag. Ent. 3: 209. [n. sp.] Equals *Delphax minuta* Fabr. Hungary<sup>17</sup>  
Algeria<sup>15</sup>
- 1820 *Delphax minuta* Billberg, Enum. Ins. :72. [Listed.]<sup>3</sup> Japan<sup>19</sup>
- 1820 *Fulgora minuta* Donovan, Rees' cyclopaedia 8: [3]. [Described.]<sup>1</sup> Romania<sup>20</sup>
- 1822 *Delphax lineola* Germar, Agusti Ahrensii Fauna Insectorum Europae 7: pl. 19. [Described, illustrated.]<sup>1</sup> Equals *Delphax minuta* Fabr. Equals *Fulgora minuta* Fabr. Batavi<sup>22</sup>  
Central Europe<sup>23</sup>
- 1823 *Delphax minuta* Schinz, Das Thierreich 3: 594. [Listed.] Skandinavia<sup>26</sup>
- 1828 *Delphax lineola* Zetterstedt, Fauna Ins. Lapponica :549. [Listed.] North Africa<sup>27</sup>
- 1828 *Asiraca minuta* Boitard, Man. Ent. Hist. Nat. Ins. 2: 157. [Described.]<sup>4</sup> Equals *Delphax minuta* Fabricius. Netherland<sup>23</sup>
- 1829 *Delphax minuta* Curtis, Guide Arrang. British Ins. :193. [Listed.]<sup>8,16</sup> Equals *Delphax helianthemi* Haw. [nom. nud.] Equals *Delphax lineola* Germ.

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- 1829 *Delphax minuta* Guérin-Méneville, Plates from Icon. Règne Animal de Cuvier :3Pl. 58, Fig. 17. [Illustrated.]
- 1830 *Delphax lineola* Germar, Thon. Ent. Archiv. 2: 57. [Described.]<sup>1</sup> Equals *Delphax minuta* Fabr. Equals *Fulgora minuta* Fabr.
- 1833 *Delphax minuta* Curtis, British Ent. 10: 445. [Listed.]
- 1834 *Fulgora minuta* Costa, Cenni Zool. 1834: 82. [Comparative note.]
- 1834 *Delphax minuta* Guérin-Méneville, Voyage aux Indes Belanger 1: 479. [Notes.]
- 1834 *Delphax minuta* Latreille, The Animal Kingdom (Henderson ed.) 4: Pl. 68, Fig. 17. [Illustrated.]
- 1835 *Delphax minuta* Herrich-Schäffer, Nom. Ent. 1: 106. [Listed.] Equals *Fulgora minuta* Fabr.
- 1835 *Delphax lineola* Herrich-Schäffer, Nom. Ent. 1: 106. [Listed.] :65. [Key.]
- 1837 *Delphax minuta* Curtis, Guide Arrang. British Ins. Ed. 2: 223. [Listed.]<sup>6</sup>
- 1837 *Delphax minuta* Curtis, British Ent. 14: Pl. 657. [Listed.]<sup>7</sup> Equals *Delphax lineola* Germ.
- 1837 *Delphax minuta* Latreille, Cuvier's Animal Kingdom Henderson Ed. 4: xxi; Pl. 68, Fig. 17. [Illustrated.]
- 1839 *Delphax lineola* von Siebold, Preussische Prov.-Blatt. 21: 444. [Listed.]<sup>1</sup>
- 1840 *Asiraque* [sic] *naine* [sic] Comte, Règne Animal :Pl. 68. [Listed.]
- 1840 *Delphax minuta* Westwood, Syn. Genera British Ins :116. [Listed.]
- 1840 *Delphax lineola* Zetterstedt, Ins. Lapponica desc. :306. [Listed.]
- 1843 *Asiraca minuta* Boitard, Nouveau Man. Ent. 3: 85. [Described.]<sup>4</sup> Equals *Delphax minuta* Fabr.
- 1844 *Delphax minuta* Guérin-Méneville, Icon. Règne Animal de Cuvier :364. [Listed.]<sup>4</sup>
- 1846 *Delphax lineola* Labram and Imhoff, Ins. Schweiz 4: [3; Pl. 3.] [Described, illustrated.]<sup>14</sup>
- 1847 *Delphax longifrons* Boheman, Handl. Svenska Vet. Akad. 1847: 42. [n. sp.]<sup>3</sup>
- 1847 *Delphax* Amyot, Ann. Soc. Ent. France (2) 5: 170; Fig. 67. [Described, illustrated.]<sup>4</sup> [non binom.] [in part.] Equals *Delphax minutus* Fabr. Equals *Delphax lineola* Germ. Equals *Delphax flavescens* Amyot [error.]
- 1848 *Delphax* Amyot, Méth. Mon. :366. Fig. 67. [Described, illustrated.]<sup>4</sup> [non binom.] [in part.] Equals *Delphax minutus* Fabr. Equals *Delphax lineola* Germ. Equals *Delphax flavescens* Amyot [error.]
- 1850 *Delphax longifrons* Schaum, Allg. Encykl. Ersch und Gruber 51: 69. [Listed.]<sup>3</sup>
- 1850 *Delphax lineola* Schaum, Allg. Encykl. Ersch und Gruber 51: 69. [Listed.] Equals *Delphax minuta* Fabr.
- 1851 *Delphax minuta* Walker, List. Homop. British Mus. 2: 350. [Listed.]<sup>7,8</sup> Equals *Fulgora minuta* Fabr. Equals *Delphax lineola* Germ. Equals *Delphax* Amyot. [non binom.]
- 1851 *Delphax longifrons* Walker, List. Homop. British Mus. 2: 357. [Listed.]<sup>3</sup>
- 1854 *Delphax longifrons* Stål, Öfv. Svenska. Vet. Akad. Förh. 11: 191. [Described.]<sup>3</sup>
- 1858 *Delphax longifrons* Stål, Stett. Ent. Zeit. 19: 191. [Comparative note.]
- 1859 *Delphax longifrons* Dohrn, Cat. Hemip. :61. [Listed.]<sup>3</sup>
- 1859 *Delphax minuta* Dohrn, Cat. Hemip. :61. [Listed.]<sup>9</sup> Equals *Delphax lineola* Germ.
- 1860 *Delphax minuta* Walker, List. British Hemip. :17. [Listed.]<sup>7</sup>
- 1861 *Delphax lineola* Flor, Rhynch. Livlands :48. Synonym of *Delphax notula* Germ. [error.]
- 1862 *Delphax minuta* Curtis, Homop. British Ent.: Pl. 657. [Listed.]<sup>7</sup> Equals *Delphax lineola* Germ.
- 1862 *Delphax minuta* Curtis, Homop. British Ent.: Pl. 445. [Listed.]
- 1865 *Delphax lineola* Marshall, Ent. Monthly Mag. 1: 200. [Described.]<sup>6</sup> Equals *Delphax longipennis* Curt. [error.] Equals *Fulgora minuta* Fabr. :199. [Key.]
- 1866 *Stenocarenus* [sic] *lineolus* Fieber, Verh. Zool. Bot. Ges. Wien 16: Pl. viii, Fig. 3. [Illustrated.]
- 1866 *Stenocranus lineolus* Fieber, Verh. Zool. Bot. Ges. Wien 16: 519, 532. [Listed.] Equals *Delphax lineolus* Germ. Equals *Delphax longifrons* Boh.
- 1867 *Stenocranus lineolus* Dallas, Zool. Rec. 3: 560. Equals *Delphax lineolus* Germ.

- 1868 *Delphax longifronte* [sic] Sahlberg, Not. Fennica (n. s.) 9 (9) : 187. [Comparative note.]  
 1868 *Delphax longifrons* Kirschbaum, Cicad. Wiesbaden :21. [Key.] :21, 22. [Comparative note.]  
 1869 *Liburnia minuta* Stål, Hemip. Fabricana 2: 117. [Listed.] Equals *Delphax minuta* Fabr.  
 1869 *Delphax minutus* Lethierry, Cat. Hémip. du Nord :353. [Listed.]<sup>4</sup>  
 1870 *Stenocarenum* [sic] *lineolus* Oshanin, Mém. Soc. Amis Sci. Nat. Moscou 6: 46. [Listed.]<sup>10</sup>  
 1870 *Liburnia lineola* Scott, Ent. Monthly Mag. 7: 75. [Listed.]<sup>16</sup> :25. [Key.]  
 1871 *Stenocarenum* [sic] *lineolus* Oshanin, Bull. Imp. Soc. Nat. Hist. Imp. Univ. Moscou 6 (3) : 29. [Listed.]<sup>10</sup>  
 1871 *Stenocarenum* [sic] *minutus* Sahlberg, Not. Fennica (n. s.) 9 (12) : 415. [Described.]<sup>3</sup> Equals *Delphax lineola* Germ. Equals *Delphax minutus* Fabr. Equals *Fulgora minutus* Fabr. Equals *Delphax longifrons* Boh. :56. [Listed.]<sup>3</sup> :28, 31, 38. [Ecology.]  
 1871 *Delphax lineola* Brischke, Verz. Wanzen und Zirpen Prov. Preussen :13. [Listed.]<sup>1</sup>  
 1872 *Stenocranus lineolus* Fieber, Kat. Europäischen Cicad. :5. [Listed.]<sup>9</sup> Equals *Stenocranus longifrons* Boh. Equals *Stenocranus minuta* Fabr.  
 1872 *Stenocranus lineolus* Fieber, Verh. Zool. Bot. Ges. Wien 22: 28. Equals *Delphax longifrons* Boh.  
 1874 *Stenocranus lineolus* Lethierry, Cat. Hémip. Dept. du Nord Second Ed. :257 (53). [Listed.]<sup>4</sup>  
 1874 *Delphax longifrons* Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 82. [Listed.]<sup>1</sup>  
 1874 *Stenocarenum* [sic] *minutus* Siebke, Enumeratio Insectorum Norvegicorum 1: 39. [Listed.]<sup>11</sup> Equals *Delphax longifrons* Boh.  
 1875 *Stenocranus lineola* Puton, Cat. Hémip. d'Europe 2 Ed. :117. [Listed.]<sup>9</sup> Equals *Stenocranus longifrons* Boh. Equals *Stenocranus minutus* Fabr.  
 1876 *Liburnia lineola* Douglas and Scott, Cat. British Hemip. :67. [Listed.]<sup>16</sup> Equals *Delphax lineola* Germ. Equals *Delphax longifrons* Boh. Equals *Stenocranus lineolus* Fieb.  
 1878 *Delphax lineola* Dale, History of Glanville's Wootton :304. [Listed.]<sup>7</sup>  
 1878 *Delphax minuta* Dale, History of Glanville's Wootton :304. [Listed.]<sup>7</sup>  
 1878 *Stenocranus lineola* Lethierry, Ann. Soc. Ent. Belgique 21: xxxvii. [Listed.]<sup>2</sup>  
 1878 *Stenocranus lineolus* Fieber, Cicad. d'Europe Pt. 3: 280 (11). [Described.]<sup>1,3,7,12,14</sup> Equals *Delphax longifrons* Boh. Equals *Delphax minuta* Fabr. Equals *Delphax lineola* Germ.  
 1880 *Stenocranus lineola* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 54. [Listed.]<sup>4</sup>  
 1882 *Stenocranus lineolus* Ferrari, Cicad. Agri Liguistici (:89) 17. [Listed, key.]<sup>13</sup> Equals *Delphax lineolus* Germ.  
 1883 *Liburnia lineola* Bloomfield, Natural History of Hastings. First Suppl. 1883: 33. [Listed.]<sup>7</sup>  
 1884 *Stenocranus lineolus* Mayr, Tabellen :19. [Listed.]<sup>4 12 14</sup>  
 1884 *Liburnia lineola* Edwards, Trans. Nat. Soc. Norwich 3: 713. [Listed.]<sup>7</sup>  
 1885 *Delphax* (*Stenocarenum* [sic]) *minutus* Girard, Traité Elem. Ent. 3: 866; Pl. 102, Fig. 17. [Described, illustrated.]<sup>3,4,9</sup> Equals *Delphax lineola* Germ.  
 1885 *Stenocranus lineola* Ivanoff, Liste des Cigales :112 (30) [Described.]<sup>10</sup> :89 (7) [Listed.]  
 1886 *Liburnia lineola* Edwards, Syn. British Homop.-Cicadina Pt. 1: 62. [Described.]<sup>16</sup> Equals *Delphax lineola* Germ. Equals *Delphax longifrons* Boh. Equals *Stenocranus lineolus* Fieb. Equals *Stenocarenum* [sic] *minutus* Sahlb. :58. [Key.]  
 1886 *Stenocranus lineolus* Then, Kat. Österreichischen Cicad. 1886: 13. [Listed.]<sup>12</sup>  
 1886 *Stenocranus lineola* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :72. [Listed.]<sup>9</sup> Equals *Stenocranus minutus* Fabr. Equals *Stenocranus longifrons* Boh.  
 1886 *Stenocranus lineola* Löw, Becker's Hernstein in Niederösterreich 3: 497. [Listed.]<sup>12</sup>  
 1888 *Stenocranus lineola* Dubois, Mém. Soc. Linn. Nord France 7: 154 (58). [Listed.]<sup>4</sup>  
 1890 *Stenocranus lineola* Funk, Ber. Nat. Ges. Bamberg 15: 140. [Listed.]<sup>1</sup>  
 1890 *Liburnia lineola* Buckton, Mon. British Cicadae 3: 65, 66. [Synopsis.]  
 1890 *Liburnia farinosa* Buckton, Mon. British Cicadae 3: 65. [Synopsis.] :75; Pl. 21, Figs. 1, 1a-e. [n. sp., illustrated.]<sup>7</sup>



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- 1890 *Stenocarenus* [sic] *minutus* Hansen, Ent. Tidskr. 11: 39. [Morphology.]
- 1890 *Liburnia lineola* Saunders and Edwards, Cat. British Hemiptera 1890: 11. [Listed.]<sup>16</sup>
- 1890 *Liburnia lineola* Buckton, Mon. British Cicadae 1: 31; Pl. IX, Figs. 5-6. [Described, illustrated.]<sup>1,3,4,16</sup> Equals *Delphax lineola* Germ. Equals *Delphax longifrons* Boh. Equals *Stenocranus lineolus* Fieb. Equals *Stenocarenus* [sic] *minutus* Sahlb.
- 1891 *Stenocranus minutus* Oshanin, Mém. Sect. caucasienne Soc. russe Geogr. 23 (1): 63. [Listed.]<sup>10</sup>
- 1892 *Stenocranus lineola* Carpentier and Dubois, Mém. Soc. Linn. Nord France 8: 432. [Listed.]<sup>4</sup>
- 1892 *Stenocranus lineolus* Ferrari, Ann. Mus. Genova 12 (2): 569 (21). [Listed.]<sup>13</sup>
- 1892 *Stenocranus lineola* Lethierry, Rev. Hémip. Belgique: 21. [Listed.]<sup>2</sup>
- 1892 *Stenocranus lineola* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>2</sup>
- 1892 *Stenocranus lineola* Duda, Cat. Ins. Faunae Bohemicae :28. [Listed.]<sup>15</sup> Equals *Stenocranus minutus* Fabr. Equals *Stenocranus longifrons* Boh.
- 1894 *Liburnia (Stenocranus) lineola* Edwards, Hemip.-Homop. British Islands Pt. 1: 32; Pl. 4, Fig. 7. [Key, illustrated.]
- 1894 *Liburnia lineola* Edwards, Hemip.-Homop. British Islands Pt. 2: 39. [Described.]<sup>16</sup> Equals *Chloriona farinosa* Buckt.
- 1894 *Stenocranus lineola* Rey, Échange 10: 14. [Listed.]
- 1895 *Stenocranus lineolus* Wüstnei, Schr. Nat. Ver. Schleswig-Holsteins. 10: 268. [Listed.]<sup>1</sup>
- 1896 *Stenocranus lineolus* Melichar, Cicad. Mittel-Europa :57; Pl. 4, Figs. 9-12. [Described, illustrated, key.]<sup>1,12</sup> Equals *Delphax minuta* Fabr. Equals *Delphax longifrons* Boh. Equals *Liburnia lineolus* Edw.
- 1897 *Stenocranus lineola* Horváth, Fauna Regni Hungariae :56. [Listed.]<sup>17</sup>
- 1898 *Liburnia lineola* Edwards, Ent. Monthly Mag. 34: 62. Equals *Chloriona farinosa* Buckt.
- 1898 *Stenocranus longifrons* Lambertie, Proc. Verb. Soc. Linn. Bordeaux 53: xc. [Listed.]<sup>4</sup>
- 1899 *Stenocranus lineola* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :106. [Listed.]<sup>9</sup> Equals *Stenocranus minutus* Fabr. Equals *Stenocranus farinosus* Buckt. Equals *Stenocranus longifrons* Boh.
- 1899 *Stenocranus lineolus* Melichar, Wien. Ent. Zeit. 18: 180. [Listed.]<sup>21</sup>
- 1899 *Stenocranus lineolus* Melichar, Ent. Jahrb. 1899: (7). [Listed.]<sup>12</sup>
- 1900 *Stenocranus lineola* Fokker, Tijdschr. Ent. 42: 25. [Listed.]<sup>18</sup> :14. [Listed.]<sup>1</sup>
- 1900 *Stenocranus lineolus* Lameere, Manuel Faune Belgique 2: 141. [Described.]<sup>2</sup>
- 1900 *Stenocarenus* [sic] *minutus* Hansen, Entomologist 33: 169. [Morphology.]
- 1900 *Stenocranus minutus* Matsumura, Ent. Nachr. 26: 257. [Listed.]<sup>9,19</sup> Equals *Fulgora minuta* Fabr. Equals *Delphax lineola* Germ. Equals *Delphax longifrons* Boh.
- 1901 *Stenocranus lineola* Lambertie, Act. Soc. Linn. Bordeaux 56: 216 (88). [Listed.]<sup>4</sup>
- 1901 *Stenocranus lineola* Schouteden, Ann. Soc. Ent. Belgique 45: 269. [Listed.]<sup>2</sup>
- 1902 *Stenocranus lineola* Dominique, Bull. Soc. Sci. Nat. Ouest France (11) 2: 222. [Listed.]<sup>4</sup>
- 1902 *Fulgora minuta* Sherborn, Index Animalium 1758-1800 1902: 619. [Listed.]
- 1903 *Stenocranus lineola* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 61 (21). [Listed.]<sup>13</sup>
- 1904 *Stenocranus lineola* Hübner, Syst. Verz. deutschen Zikadinen :268. [Listed.]<sup>1</sup> Equals *Stenocranus minutus* Fabr. Equals *Stenocranus longifrons* Boh. Equals *Stenocranus farinosus* Buckt.
- 1906 *Stenocranus lineolus* Matsumura, Schr. Nat. Ges. Danzig 11: 75. [Listed.]<sup>1</sup> Equals *Stenocranus minutus* Fabr.
- 1907 *Liburnia lineola* Butler, Hemip. Hastings :56. [Listed.]<sup>7</sup> :49. [Notes.]<sup>7</sup>
- 1907 *Stenocranus minutus* Oshanin, Verz. Palaeark. Hemip. 2 (2): 302. [Listed.]<sup>1,3,4,10,12,14,16,17,18,19,20,21</sup> Equals *Delphax minutus* Fabr. Equals *Delphax longifrons* Boh. Equals *Stenocranus lineola* Fieb. Equals *Liburnia lineola* Scott. Equals *Stenocarenus* [sic] *minutus* Sahlb. Equals *Delphax lineola* Germ. Equals *Chloriona farinosa* Buckt.
- 1908 *Stenocranus minutus* Oshanin, Verz. Palaeark. Hemip. 2 (3): 452. [Listed.]<sup>2,22</sup>
- 1908 *Stenocranus minutus* Saunders and Edwards, Cat. British Hemiptera 1908: 14. [Listed.]<sup>16</sup> Equals *Stenocranus lineola* Germ. Equals *Chloriona farinosa* Buckt.

- 1909 *Stenocranus lineola* Lambertie, Act. Soc. Linn. Bordeaux **63**: xlv. [Listed.]<sup>4</sup>  
 1909 *Stenocranus lineola* Lambertie, Bull. Soc. Ent. France **1909**: 47. [Listed.]<sup>4</sup>  
 1909 *Stenocranus longifrons* Lambertie, Proc. Verb. Soc. Linn. Bordeaux **63**: clix. [Listed.]<sup>4</sup>  
 1910 *Stenocranus lineola* Lambertie, Misc. Ent. **18**: 91. [Listed.]<sup>4</sup> Equals *Stenocranus longifrons* Boh. Equals *Stenocranus farinosus* Buckt. Equals *Stenocranus minutus* Fabr.  
 1912 *Stenocranus lineolus* Schmidt, Stett. Ent. Zeit. **73**: 148. [Notes.]<sup>1</sup>  
 1912 *Stenocranus minutus* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>18,19,21,23</sup> Equals *Stenocranus lineola* Germ. Equals *Stenocranus longifrons* Boh. Equals *Stenocranus farinosus* Buckt.  
 1913 *Stenocranus lineola* Strand, Nyt. Mag. Naturv. **51**: 274. [Listed.]<sup>11</sup>  
 1913 *Stenocranus lineolus* Melichar, Faune Walouyki Russie **7**: 6. [Listed.]<sup>10</sup>  
 1913 *Stenocranus lineola* Strand, Arthropoden-Faune Norwegens :274. [Listed.]<sup>1</sup>  
 1914 *Delphax lineola* Crawford, Mon. Delphacidae :609. To *Megamelus notulus* Germ. [error.]  
 1915 *Stenocranus lineolus* Jensen-Haarup, Flora och Fauna **1915**: 103. [Described.]<sup>24</sup> :102. [Key.]  
 1915 *Stenocranus lineolus* Jacobsen, Ent. Medd. **10**: 319. [Listed.]<sup>24</sup>  
 1917 *Stenocranus minutus* Van Duzee, Cat. Hemip. America :762. Equals *Stenocranus lineola* Germ.  
 1920 *Stenocranus minutus* Codina, Bol. Soc. Ent. España **1**: 104 (5). [Listed.]<sup>25</sup>  
 1920 *Stenocranus minutus* Tullgren and Wahlgren, Svenska Insekter **1920**: 152. [Notes.]<sup>3</sup>  
 1920 *Stenocranus lineolus* Jensen-Haarup, Danmarks Fauna :39; Fig. 19. [Described, illustrated.]<sup>5,9,19,26,27</sup> Equals [*Stenocranus*] *minutus* Fabr.  
 1922 *Stenocranus minutus* Dozier, Ohio Jour. Sci. **22**: 69. [Listed.]<sup>9</sup>  
 1922 *Stenocranus lineolus* MacGillavry, Ent. Berichten **6**: 68. [Listed.]<sup>28</sup>  
 1924 *Delphax minuta* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 18. [Listed.]  
 1924 *Asiraca minuta* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 18. [Listed.]  
 1924 *Stenocranus minutus* Brown, Ent. Monthly Mag. **60**: 118. [Listed.]<sup>7</sup>  
 1925 *Stenocranus minutus* Della Befa, Boll. Soc. Ent. Italiana **57**: 147. [Listed.]<sup>13</sup>  
 1925 *Stenocranus minutus* Haupt, Mitt. Münchner Ent. Ges. **15**: 18. [Listed.]<sup>1</sup>  
 1926 *Stenocranus lineola* Rémy-Perrier, Homop. Fauna France **4**: 93; Fig. SL. [Key, illustrated.]<sup>4</sup>  
 1927 *Delphax longifrons*, Sherborn, Index Animalium **14**: 3649. [Listed.]  
 1927 *Delphax lineola* Sherborn, Index Animalium **14**: 3595. [Listed.]  
 1927 *Stenocranus minutus* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) **9**: 142. [Listed.]<sup>4</sup>  
 1928 *Delphax minuta* Sherborn, Index Animalium **16**: 4092. [Listed.] Equals *Fulgora [minuta]* Fabr.  
 1928 *Asiraca minuta* Sherborn, Index Animalium **16**: 4089. [Listed.] Equals *Delphax [minuta]* Fabr.  
 1928 *Stenocranus minutus* Ivanov, Mém. Acad. Sci. Ukraine **6**: 197. [Listed.]<sup>10</sup>  
 1928 *Stenocranus minutus* Ivanov, Trav. Mus. Zool. **1928**: 501. [Listed.]<sup>10</sup>  
 1928 *Stenocranus minutus* Filipieff, Guide to Insects :159. [Described.]  
 1931 *Stenocranus minutus* Haupt, Mitt. Deutschen Ent. Ges. **2**: 152; Fig. 1A. [Key, notes, illustrated.] Equals *Stenocranus longifrons* Kirschb. :151, 152. [Comparative notes.]  
 1932 *Stenocranus minutus* Esaki, Iconographia Insectorum Japonicorum :1783. [Described, illustrated.]<sup>19</sup>  
 1933 *Stenocranus minutus* Pawlik, Ent. Rundsch. **50**: 235 (2). [Listed.]  
 1934 *Stenocranus minutus* Thornley, Trans. Soc. British Ent. **1**: 82. [Listed.]<sup>7</sup>  
 1934 *Stenocranus minutus* Ossiannilsson, Ent. Tidskr. **55**: 138. [Listed.]<sup>3</sup>  
 1935 *Stenocranus minutus* Halbert, Proc. R. Irish Acad. **42** (Sect. B) :310. [Listed.]<sup>6</sup> Equals [*Stenocranus*] *lineola* Germ.  
 1935 *Stenocranus minutus* Haupt, Tierwelt Mitteleuropas **4** (3): 134; Figs. 216, 217A. [Key, illustrated.] Equals [*Stenocranus*] *lineola* Fieb.

*Stenocranus*

- 1935 *Stenocranus lineolus* Matsumura, Ins. Matsumurana 9: 127, 129, 132. [Comparative note.]  
 1935 *Stenocranus minutus* Rapp, Beiträge zur Fauna Thüringens 1: 50. [Listed.]<sup>1</sup>  
 1935 *Stenocranus minutus* Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 6. [Listed.]<sup>1</sup>  
 1937 *Stenocranus minutus* Kuntze, Arch. Nat. (n. f.) 6: 315, 319, 333, 341, 342, 350, 354. [Ecology.]<sup>1</sup>  
 1938 *Delphax minuta* Ossiannilsson, Opuscula Entomologica. Lund 3: 78. [Synonymy.]  
 1939 *Stenocranus minutus* China, Ent. Monthly Mag. 75: 48; Fig. 2a. [Notes, illustrated, key.]  
 1939 *Stenocranus minutus* Hassan, Trans. Ent. Soc. London 89: 354. [Key.] :347, 348, 351, 353, 355, 359, 360; Figs. 5A-B. [Life history, illustrated.]<sup>7</sup> :346, 382. [Listed.]<sup>7</sup>  
 1939 *St[enocranus] minutus* Hassan, Trans. Ent. Soc. London 89: 377. [Parasites.]

*minutus* Matsumura [nec Fabricius]. See *Stenocranus sapporensis* Matsumura.

**minutus** var. **illabatus** Rey

- 1894 *Stenocranus lineola illabatus* Rey, Échange 10: 14. [n. var.] France<sup>1</sup>  
 1910 *Stenocranus minutus illabatus* Oshanin, Ann. Mus. Zool. St. Petersburg 15: 185. [Listed.]<sup>1</sup>  
 1912 *Stenocranus minutus illabatus* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>1</sup>

**neopacificus** Muir

- 1917 *Stenocranus neopacificus* Muir, Proc. Hawaiian Ent. Soc. 3: 321; Amboyna  
 Pl. 6, Fig. 41. [n. sp., illustrated.]<sup>1,2</sup> :322. [Comparative note.] Malaysia<sup>1</sup>  
 Papua<sup>2</sup>  
 (New Guinea)

**nigrifrons** Muir

- 1917 *Stenocranus nigrifrons* Muir, Proc. Hawaiian Ent. Soc. 3: 322; Pl. Formosa<sup>1</sup>  
 6, Fig. 42. [n. sp., illustrated.]<sup>1</sup>  
 1923 *Stenocranus nigrifrons* Muir, Philippine Jour. Sci. 22: 157; Fig. 1 [Illustrated, comparative note.]

**niisimai** Matsumura

- 1935 *Stenocranus niisimai* Matsumura, Ins. Matsumurana 9: 130. Hokkaido<sup>1</sup>  
 [n. sp.]<sup>1</sup> :126. [Key.] (Japan)

**ogasawarensis** Matsumura

- 1935 *Stenocranus ogasawarensis* Matsumura, Ins. Matsumurana 9: 130. Bonin Islands<sup>1</sup>  
 [n. sp.]<sup>1</sup> :126. [Key.]

**pacificus** Kirkaldy

- 1907 *Stenocranus pacificus* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Fiji<sup>1</sup>  
 3: 139; Pl. 15, Figs. 4, 5. [n. sp., illustrated.]<sup>1</sup> :13. [Listed.]  
 1917 *Stenocranus pacificus* Muir, Proc. Hawaiian Ent. Soc. 3: 322. [Notes.]

*pacificus* Muir [nec Kirkaldy]. See *Stenocranus bakeri* Muir.

*palaetus* Van Duzee. See *Megamelus palaetus* Van Duzee.

*pallidulus* Boheman. See *Kelisia pallidula* Boheman.

*perspicillatus* Boheman. See *Kelisia perspicillata* Boheman.

**philippinensis** Muir

- 1917 *Stenocranus philippinensis* Muir, Proc. Hawaiian Ent. Soc. 3: Luzon<sup>1</sup>  
 323; Pl. 6, Fig. 40. [n. sp., illustrated.]<sup>1</sup>

*productus* Lethierry. See *Miasa smaragdilinea* Walker. Family DICTYOPHARIDAE.

**pseudopacificus** Muir

1916 *Stenocranus pseudopacificus* Muir, Philippine Jour. Sci. 11: 382. Luzon<sup>1</sup>  
11: 382. [n. sp.]<sup>1</sup>

1917 *Stenocranus pseudopacificus* Muir, Proc. Hawaiian Ent. Soc. 3: 322; Pl. 6, Fig. 45.  
[Notes, illustrated.]

*rostrifrons*. Typographical error for *Stenocranus rostrifrons* Crawford. See *Saccharosydne rostrifrons* Crawford.

*rostrifrons* Crawford. See *Saccharosydne rostrifrons* Crawford.

*sacchari* Matsumura. See *Unkana sacchari* Matsumura.

*saccharivorus* Westwood. See *Saccharosydne saccharivora* Westwood.

*sacchivorus*. Typographical error for *Stenocranus saccharivorus* Westwood. See *Saccharosydne saccharivora* Westwood.

*saccharivora*. Typographical error for *Stenocranus saccharivorus* Westwood. See *Saccharosydne saccharivora* Westwood.

**sapporensis** Matsumura

1900 *Stenocranus minutus* [nec Fabricius] Matsumura, Ent. Nachr. 26: Hokkaido<sup>1</sup>  
257. [Listed.]<sup>3</sup> (Japan)

1935 *Stenocranus sapporensis* Matsumura, Ins. Matsumurana 9: 131. Shikoku<sup>2</sup>  
[n. sp.]<sup>1,2</sup> :126. [Key.] (Japan)

1935 *Stenocranus sapporensis* Matsumura, Ins. Matsumurana 10: 71. Japan<sup>3</sup>  
[Notes.]<sup>1</sup> Equals *Stenocranus minuta* Mats. [nec. Fabr.]

**seminigrifrons** Muir

1923 *Stenocranus seminigrifrons* Muir, Philippine Jour. Sci. 22: 157; Philippine  
Fig. 2. [n. sp., illustrated.]<sup>1</sup> Islands<sup>1</sup>

1923 *Stenocranus seminigrifrons* Muir, Proc. Hawaiian Ent. Soc. 5:  
237; Pl. 4, Fig. 9. [Genitalia, illustrated.]

**similis** Crawford

1914 *Stenocranus similis* Crawford, Mon. Delphacidae :590; Pl. 46, Alabama<sup>1</sup>  
Fig. D, H. [n. sp., illustrated.]<sup>1</sup> :587. [Key.] Southern States<sup>2</sup>

1916 *Stenocranus similis* Van Duzee, Check List Hemip. America :83. Mississippi<sup>3</sup>  
[Listed.]<sup>2</sup> South Carolina<sup>4</sup>

1917 *Stenocranus similis* Van Duzee, Cat. Hemip. America :763. North Carolina<sup>5</sup>  
[Listed.]<sup>1</sup>

1922 *Stenocranus similis* Dozier, Ohio Jour. Sci. 22: 74; Pl. 1, Fig. 9; Text Fig. 1. [De-  
scribed, illustrated.]<sup>3,4</sup> :71. [Key.] :69. [Listed, ecology.]<sup>1</sup> :81. [Note.]

1923 *Stenocranus similis* Metcalf, Jour. Elisha Mitchell Soc. 38: 168; Pl. 59, Fig. 398;  
Pl. 62, Fig. 494; Pl. 68, Figs. 638, 639. [Key, illustrated.]

1928 *Stenocranus similis* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 13. [Ecology.]<sup>3</sup>

1938 *Stenocranus similis* Brimley, Insects of North Carolina 1938: 102. [Listed.]<sup>5</sup>

*singaporensis* Muir. See *Columbisoga singaporensis* Muir.

*styriacus* Strobl. See *Chlorionidea flava* Löw.

**sukumonus** Matsumura

1935 *Stenocranus sukumonus* Matsumura, Ins. Matsumurana 10: 71. Shikoku<sup>1</sup>  
[n. sp.]<sup>1</sup> (Japan)

*taiwanensis* Muir. See *Columbisoga taiwanensis* Muir.

**takasagonis** Matsumura

1935 *Stenocranus takasagonis* Matsumura, Ins. Matsumurana 10: 72. Honshu<sup>1</sup>  
[n. sp.]<sup>1</sup> (Japan)



*Stenocranus-Stenokelisia—Kelisia***tamagawanus** Matsumura

- 1935 *Stenocranus tamagawanus* Matsumura, Ins. Matsumurana 9: 131. Honshu<sup>1</sup>  
[n. sp.]<sup>1</sup> :127. [Key.] (Japan)

**tateyamanus** Matsumura

- 1935 *Stenocranus tateyamanus* Matsumura, Ins. Matsumurana 9: 131. Honshu<sup>1</sup>  
[n. sp.]<sup>1</sup> :126. [Key.] (Japan)

*unipunctatus* Provancher. See *Stenocranus dorsalis* Fitch.

*vittatus* Matsumura. See *Stenocranus hokkaidoensis* Metcalf

*vittatus* Stål. See *Stenocranus lautus* Van Duzee.

*vittipennis* Sahlberg. See *Kelisia vittipennis* Sahlberg.

Genus **STENOKELISIA** Ribaut

- Orthotype *Stenokelisia angusta* [n. sp.] 1934 Ribaut, Bull. Soc. Hist.  
Nat. Toulouse 66: 288 (8).

*Stenokelisia* 1934 Ribaut, Bull. Soc. Hist. Nat. Toulouse 66: 288 (8). [gen. n.] :291 (11).  
[Key to species.]

1940 Neave, Nomenclator Zoologicus 4: 291. [Listed.]

**angusta** Ribaut

- 1934 *Stenokelisia angusta* Ribaut, Bull. Soc. Hist. Nat. Toulouse 66: France<sup>1</sup>  
289 (9); Figs. 30-37. [n. sp., illustrated.]<sup>1</sup> :291 (11). [Key.]

Genus **KELISIA** Fieber

Haplotype *Delphax guttula* 1866 Fieber, Verh. Zool. Bot. Ges. Wien 16:  
519.

Type *Kelisia guttula* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc.  
3: 149.

Type *Kelisia guttula* 1912 Oshanin, Kat. Paläark. Hemip. :118.

Type *Kelisa* [sic] *guttula* 1915 Muir, Canadian Ent. 47: 264.

Haplotype *Kelisia guttula* 1916 Van Duzee, Check List Hemip. Amer-  
ica :83.

Haplotype *Kelisia guttula* 1917 Van Duzee, Cat. Hemip. America  
:764.

Type *Kelisia guttula* 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 208.

Type *Kelisia guttula* 1935 Haupt, Tierwelt Mitteleuropas 4 (3): 130.

Haplotype *Delphax guttula* 1938 Metcalf, Bull. Mus. Comp. Zool.  
Harvard Coll. 82: 302.

*Kelisia* 1866 Fieber, Verh. Zool. Bot. Ges. Wien 16: 519. [gen. n.] :532. [Listed.]

1867 Dallas, Zool. Rec. 3: 560. [Key.]

*Delphax* 1868 Kirschbaum, Cicad. Wiesbaden :19. [Described, key to German species.]  
[nec Fabricius] [in part.]

1869 Lethierry, Cat. Hémip. du Nord :353. [Listed.]

*Liburnia* 1870 Scott, Ent. Monthly Mag. 7: 25. [Key to British species.] [nec Stål] [in  
part.]

*Kelisia* 1870 Oshanin, Mém. Soc. Amis Sci. Nat. Moscou 6: 46. [Listed.] Equals  
*Delphax* Fabr. [in part.]

- 1871 Oshanin, Bull. Imp. Soc. Nat. Hist. Imp. Univ. Moscou **6** (3): 30. [Listed.] Equals *Delphax* Fabr. [in part.]
- Delphax* 1871 Brischke, Verz. Wanzen und Zirpen Prov. Preussen :13. [Listed.] [nec Fabricius] [in part.]
- Stenocarenum* [sic] 1871 Sahlberg, Not. Fennica (n. s.) **9** (12): 416. [Described.] (*Kelisia*)
- Kelisia* 1872 Fieber, Kat. Europäischen Cicad. :5. [Listed.] Equals *Ditropis* Kirschb. [in part.] Equals *Delphax* Auct. [in part.] Equals *Liburnia* Scott [in part.]
- 1873 Marschall, Nomenclator Zoologicus **1873**: 368. [Listed.]
- 1874 Lethierry, Cat. Hémip. Dept. du Nord Second Ed. :257 (53). [Listed.]
- Delphax* 1874 Raddatz, Arch. Ver. Freund. Naturg. Mecklenburg **20**: 82. [Listed.] [nec Fabricius] [in part.]
- Kelisia* 1875 Fieber, Cicad. d'Europe Pt. **1**: 370 (83). [Key.]
- 1875 Puton, Cat. Hémip. d'Europe **2** Ed. :117. [Listed.] Equals *Ditropis* Kirschb. (in part.).
- 1876 Fieber, Cicad. d'Europe Pt. **2**: Pl. 7. [Illustrated.]
- Liburnia* 1876 Douglas and Scott, Cat. British Hemip.-Homop. :66. [Listed.] [nec Stål] [in part.]
- Kelisia* 1878 Fieber, Cicad. d'Europe Pt. **3**: 282 (13). [Key to species.] Equals *Delphax* Auct. [in part.]
- 1880 Reiber and Puton, Bull. Soc. Hist. Nat. Colmar **21**: 54. [Listed.]
- 1881 Mayr, Ber. Natur.-Med. Ver. Innsbruck **10**: 86 (10). [Listed.]
- 1882 Scudder, Nomenclator Zoologicus Univ. Index: 164. [Listed.]
- 1882 Ferrari, Cicad. Agri. Ligustici :89 (17). [Listed, key to species.] :87 (15). [Key.]
- 1884 Mayr, Tabellen :19. [Key.] Equals *Ditropis* Kirschb. [in part.] Equals *Delphax* Auct. [in part.]
- 1885 Ivanoff, Liste des Cigales :89 (7) [Listed.] :98 (16) [Key.] :112. (30) [Key to species.]
- 1886 Then, Kat. Österreichischen Cicad. **1886**: 13. [Listed.]
- 1886 Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :72. [Listed.] Equals *Ditropis* Kirschb. [in part.]
- Liburnia* 1886 Edwards, Syn. British Homop.-Cicadina Pt. **1**: 57; Pl. 1, Fig. 19. [Described, illustrated.] :58. [Key to species.] :55. [Key.] [nec Stål] [in part.]
- 1887 de Carlini, Boll. Soc. Ent. Italiana **19**: 271. [Listed.]
- 1887 Ragusa, Nat. Siciliano **6**: 185. [Listed.]
- Kelisia* 1888 Dubois, Mém. Soc. Linn. Nord France **7**: 154 (58). [Listed.]
- 1889 Ashmead, Ent. Americana **5**: 27. [Key.]
- Liburnia* 1890 Buckton, Mon. British Cicadae **1**: 30. [Described.] :28. [Key.] [nec Stål] [in part.]
- 1890 Saunders and Edwards, Cat. British Hemiptera **1890**: 11. [Listed.]
- Kelisia* 1891 Oshanin, Mém. Sect. caucasienne Soc. russe Geogr. **23** (1): 48. [Listed.]
- 1891 Fokker, Cat. Nederland Hemip. :366. [Listed.]
- Kelixa* [sic] 1892 Coubeaux, Ann. Soc. Ent. Belgique **36**: 34 (1). [Listed as subgenus of *Stenocranus*.]
- Kelisia* 1892 Spitzner, Verh. Naturf. Ver. Brünn **30**: 26. [Listed.]
- 1892 Dominique, Bull. Soc. Sci. Nat. Ouest France **2**: 115. [Listed.]
- 1892 Duda, Cat. Ins. Faunae Bohemicae :28. [Listed.] Equals, *Ditropis* Kirschb.
- 1893 Bezzi, Bull. Soc. Ent. Italiana **25**: 108 (28.) [Listed.]
- 1894 Edwards, Hemip.-Homop. British Islands Pt. **1**: 31. To *Liburnia* [nec Stål] [error].
- 1894 Edwards, Hemip.-Homop. British Islands Pt. **2**: 33. [Key.] As subgenus of *Liburnia*.
- 1894 Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 191. [Listed.]
- Liburnia* 1894 Edwards, Hemip.-Homop. British Islands Pt. **1**: 31; Pl. 1, Fig. 19. [Described, illustrated.] :32. [Key to species.] :29. [Key.] [nec Stål] [in part.]
- Kelisia* 1895 Wüstnei, Schr. Nat. Ver. Schleswig-Holsteins. **10**: 268. [Listed.]

*Kelisia*

- 1896 Melichar, Cicad. Mittel-Europa :58. [Described, key to European species.] :50. [Key.] :xxiii. [Ecology.]
- 1897 Horváth, Fauna Regni Hungariae :56. [Listed.]
- 1897 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 227, 232. [Listed.] :229. [Key.]
- 1898 Dubois, Mém. Soc. Linn. Nord France 9: 234. [Listed.]
- 1899 Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :106. [Listed.] Equals *Ditropis* Kirschb. (in part.)
- 1900 Lameere, Man. Faune Belgique 2: 140. [Key.] :141. [Listed.]
- 1900 Strobl, Mitt. Natur. Ver. Steiermark 36: 203. [Listed.]
- 1901 Horváth, Zool. Erg. Zichy :256. [Listed.]
- 1901 Kirkaldy, Entomologist 34: 338. [Listed.]
- 1901 Lambertie, Act. Soc. Linn. Bordeaux 56: 216 (88). [Listed.] Equals *Ditropis* Kirschb. [error.]
- 1902 Cobelli, Cicadine Trentino :9. [Listed.]
- 1902 Dominiqne, Bull. Soc. Sci. Nat. Ouest France (2) 2: 222. [Listed.]
- 1903 Graeffe, Boll. Soc. Adriatica Sc. Nat. Trieste 21: 61 (21). [Listed.]
- 1904 Hüeber, Syst. Verz. deutschen Zikadinen :268. [Listed.] Equals *Ditropis* Kirschb. [in part.]
- 1904 Lambertie, Act. Soc. Linn. Bordeaux 59: 30 (14). [Listed.]
- 1904 Swezey, Prelim. Cat. Fulgoridae North America 1904: 32. [Listed.]
- 1904 Wirtner, Ann. Carnegie Mus. 3: 215. [Listed.]
- 1905 Ball, Proc. Biol. Soc. Washington 18: 118. [Comparative note.]
- 1905 Fowler, Biologia Centrali-Americana 1: 133. To *Liburnia* Stål [error.]
- 1906 Matsumura, Schr. Nat. Ges. Danzig 11: 75. [Listed.]
- Liburnia*  
*Kelisia*
- 1907 Butler, Hastings Nat. 1: 49. [Notes.] [nec Stål]
- 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 149. [Listed.] To *Delphax* (nec Fabr.) [error.] :162. [Comparative note.]
- 1907 Oshanin, Verz. Palaeark. Hemip. 2 (2) :303. [Listed.] Equals *Stenocareenus* [sic] Sahlb. [in part.] Equals *Ditropis* [in part.]
- 1908 Saunders and Edwards, Cat. British Hemiptera 1908: 14. [Listed.]
- 1908 Kirkaldy, Proc. Hawaiian Ent. Soc. 1: 201. [Key.]
- 1908 Horváth, Ann. Mus. Nat. Hungarici 6: 9. [Listed.]
- 1910 Lambertie, Misc. Ent. 18: 91. [Listed.] Equals *Ditropis* Kirschb. [in part.]
- 1910 Kirkaldy, Fauna Hawaiiensis Suppl :578. [Notes.] :577. [Key.]
- 1912 Oshanin, Kat. Paläark. Hemip. :118. [Listed.] Equals *Ditropis* Kirschb. [in part.] Equals *Stenocareenus* [sic] Sahlb. [in part.]
- 1912 Schmidt, Stett. Ent. Zeit. 71: 149. [Listed.]
- 1913 Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]
- 1914 Van Duzee, Psyche 21: 165. [Distinct.]
- 1914 Crawford, Mon. Delphacidae :602. To *Megamelus* Fieb. [error.] :591. [Comparative note.]
- Kelisia* [sic]  
*Kelsia* [sic]  
*Kelisia*
- 1915 Muir, Canadian Ent. 47: 212, 264. [Listed.]
- 1915 Muir, Canadian Ent. 47: 299. [Key.]
- 1915 Muir, Canadian Ent. 47: 301. [Key.]
- 1915 Jacobsen, Ent. Medd. 10: 319. [Listed.]
- 1915 Jensen-Haarup, Flora och Fauna 1915: 103. [Described, key to species.] :98. [Key.]
- 1916 Van Duzee, Check List Hemip. America: 83. [Listed.]
- 1917 Muir, Proc. Hawaiian Ent. Soc. 3: 310. [Notes.] :298, 329. [Listed.]
- 1917 Van Duzee, Cat. Hemip. America :764. [Listed.]
- 1917 Giffard, Proc. Hawaiian Ent. Soc. 3: 345. [Listed.]
- Kelisia* [sic]  
*Kelisia*
- 1919 Muir, Canadian Ent. 51: 8. [Comparative note.]
- 1919 Muir, Proc. Hawaiian Ent. Soc. 4: 85. [Listed.]
- 1920 Britton, Check-List Ins. Connecticut :47. [Listed.]
- 1920 Jensen-Haarup, Danmarks Fauna :39. [Described.] :40. [Key to species.] :30. [Key.]

- 1920 Tullgren and Wahlgren, Svenska Insekter 1920: 151. [Key.] :152. [Listed.]
- 1922 Giffard, Proc. Hawaiian Ent. Soc. 5: 109, 115. [Listed.]
- 1923 Metcalf, Jour. Elisha Mitchell Soc. 38: 168. [Key.] :169. [Key to North American species.]
- 1923 Van Duzee, Fulgoridae Hemip. Connecticut :46. [Described, key to species.] :45. [Key.] :47. [Comparative note.]
- 1924 Buchner, Verh. Deutsch. Zool. Ges. 29: 52. [Notes.]
- 1924 Lindberg, Acta Soc. Fauna Flora Fennica 56: 45. [Listed.] Equals *Stenocarenus* [sic] [in part.]
- 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 5, 6. [Key.]
- 1925 Handlirsch, Schröder's Handb. Ent. 3 (9) :1112. [Listed.]
- 1925 Haupt, Mitt. Münchner Ent. Ges. 15: 18. [Listed.]
- 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 20. [Notes.]
- 1926 Rémy-Perrier, Homop. Faune France 4: 90. [Key.] :93. [Key to species.]
- 1927 Johnson, Biol. Surv. Mount Desert Reg. 1: 33. [Listed.]
- 1927 Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 142. [Listed.]
- 1928 Filipieff, Guide to Insects :157. [Key.]
- 1928 Metcalf, Mem. Cornell Univ. Agri. Exp. Sta. 101: 180. [Listed.]
- 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 208. [Key.]
- 1929 Muir, Ann. Mag. Nat. Hist. (10) 4: 201. [Listed.]
- 1929 Luigioni, Atti Pontificia Accad. Sci. Nuovi Lincei 82: 220 (22). [Listed.]
- 1930 Johnson, Publ. Nantucket Maria Mitchell Assoc. 3 (2) :36. [Listed.]
- 1930 Schulze, Kükenthal and Heider, Nomenclator Animalium 3 (13) :1724. [Listed.]
- 1932 Enderlein, Fauna von Deutschland 1932: 192. [Key.]
- 1934 Ribaut, Bull. Soc. Hist. Nat. Toulouse 66: 288 (8). [Comparative note.] :291 (11). [Key to French species.]
- 1935 Haupt, Tierwelt Mitteleuropas 4 (3) :130. [Key.] :132. [Key to species.]
- 1935 Karl, Dohrniana 14: 140. [Listed.]
- 1935 Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 5. [List of German species.]
- 1937 Kuntze, Arch. Nat. (n. f.) 6: 354. [Listed.]
- 1938 Brimley, Insects of North Carolina 1938: 102. [Listed.]
- 1938 Britton, Bull. Connecticut Geol. Nat. Hist. Surv. 60: 22. [Listed.]
- 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. 82: 302. [Notes.]
- 1938 Osborn, Bull. Ohio Biol. Surv. 6: 330. [Key.] :333. [Described.]
- 1938 Wagner, Bombus 4: 12. [Synonymy of European species.]
- 1939 Neave, Nomenclator Zoologicus 2: 823. [Listed.]

### axialis Van Duzee

- 1894 *Kelisia axialis* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 191. [Listed.]<sup>2</sup> [nom. nud.] Maine<sup>1</sup>  
New York<sup>2</sup>
- 1897 *Kelisia axialis* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 232. [n. sp.]<sup>2</sup> :227. [Listed.] Iowa<sup>3</sup>  
Pennsylvania<sup>4</sup>
- 1898 *Kelisia axialis* Osborn, Proc. Iowa Acad. Sci. 5: 235. [Listed.]<sup>3</sup> Ohio<sup>5</sup>
- 1898 *Kelisia axialis* Osborn, Contr. Iowa State Coll. Agr. Dept. Zool. Ent. 3: 12. [Listed.]<sup>3</sup> Maryland<sup>6</sup>  
North Carolina<sup>7</sup>
- 1904 *Kelisia axialis* Wirtner, Ann. Carnegie Mus. 3: 215. [Listed.]<sup>4</sup> Eastern States<sup>8</sup>
- 1904 *Kelisia axialis* Osborn, Ohio Nat. 4: 100. [Listed.]<sup>5</sup> Canada<sup>9</sup>
- 1904 *Kelisia axialis* Swezey, Prelim. Cat. Fulgoridae North America 1904 :32 [Listed.]<sup>2,3,5,6</sup> Ontario<sup>10</sup>  
Connecticut<sup>11</sup>
- 1914 *M[egamelus] axialis* Crawford, Mon. Delphacidae :631. [Comparative note.]
- 1914 *Megamelus axialis* Crawford, Mon. Delphacidae :613; Pl. 49, Fig. A. [Described, illustrated.]<sup>4</sup> Equals *Kelisia axialis* Van Duz. :606. [Key.]



*Kelisia*

- 1915 *Kelisia axialis* Metcalf, Jour. Elisha Mitchell Soc. **31**: 44 (12). [Listed.]<sup>7</sup>  
 1916 *Kelisia axialis* Van Duzee, Check List Hemip. America :83. [Listed.]<sup>8,9</sup>  
 1917 *Kelisia axialis* Van Duzee, Cat. Hemip. America :764. [Listed.]<sup>2,3,4,5,6,7,10</sup> Equals *Megamelus axialis* Crawf.  
 1920 *Kelisia axialis* Britton, Check-List Ins. Connecticut :47. [Listed.]<sup>11</sup>  
 1922 *Kelisia axialis* Osborn, Tech. Publ. New York St. Coll. For. **16**: 51. [Ecology.]<sup>2</sup>  
 1923 *Kelisia axialis* Metcalf, Jour. Elisha Mitchell Soc. **38**: 169; Pl. 46, Fig. 109; Pl. 60, Figs. 420, 421, 422; Pl. 65, Fig. 554; Pl. 69, Fig. 658. [Key, illustrated.]  
 1923 *Kelisia axialis* Van Duzee, Fulgoridae Hemip. Connecticut :47. [Key, notes.]<sup>14</sup>  
 1927 *Kelisia axialus* [sic] Johnson, Biol. Surv. Mount Desert Reg. **1**: 33. [Listed.]<sup>1</sup>  
 1928 *Kelisia axialis* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 146; Fig. 35. [Illustrated.]  
 1928 *Kelisia axialis* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. **101**: 180. [Listed.]<sup>2</sup>  
 1938 *Kelisia axialis* Brimley, Insects of North Carolina **1938**: 102. [Listed.]<sup>7</sup>  
 1938 *Kelisia axialis* Osborn, Bull. Ohio Biol. Surv. **6**: 333; Fig. 35d. [Described, illustrated.]<sup>5</sup>

*betateleioptera* Fieber [nom. nud.] See *Kelisia vittipennis* Sahlberg.

**bicarinata** Haupt

- 1935 *Kelisia bicarinata* Haupt, Tierwelt Mitteleuropas **4** (3) :132. [n. Central Europe<sup>1</sup> sp.]<sup>1</sup>

*bivittata* Boheman. See *Delphacodes brevipennis* Boheman.

**brucki** Fieber

- 1872 *Kelisia brucki* Fieber, Kat. Europäischen Cicad. :5. [Listed.]<sup>1</sup> Italy<sup>1</sup>  
 [nom. nud.] Greece<sup>2</sup>  
 1875 *Kelisia brucki* Fieber, Rev. Mag. Zool. (3) **3**: 370 (83). [Note.] France<sup>3</sup>  
 1875 *Kelisia brucki* Puton, Cat. Hémipt. d'Europe 2 Ed. :118. [Listed.]<sup>1</sup> Sardinia<sup>4</sup>  
 [nom. nud.] Europe<sup>5</sup>  
 1878 *Kelisia brucki* Fieber, Cicad. d'Europe Pt. **3**: 290 (21). [n. sp.]<sup>1</sup> Hungary<sup>6</sup>  
 1882 *Kelisia bruckii* Ferrari, Cicad. Agr. Ligustici :90 (18). [Listed.]<sup>1</sup>  
 :89 (17). [Key.]  
 1883 *Kelisia brucki* Lethierry, Rev. Ent. **2**: 43. [Listed.]<sup>3</sup>  
 1886 *Kelisia brucki* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :72. [Listed.]<sup>1,2,3</sup>  
 1888 *Kelisia brucki* Costa, Atti. Acc. Sci. Napoli (2) **1** (9) :39. [Listed.]<sup>4</sup>  
 1892 *Kelisia bruckii* [sic] Ferrari, Ann. Mus. Genova **12** (2) :569 (21). [Listed.]<sup>1</sup>  
 1896 *Kelisia brucki* Melichar, Cicad. Mittel-Europa :60. [Described.]<sup>5</sup> :59. [Key.]  
 1897 *Kelisia brucki* Horváth, Fauna Regni Hungariae :56. [Listed.]<sup>6</sup>  
 1899 *Kelisia brucki* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :107. [Listed.]<sup>1,2,3</sup>  
 1903 *Kelisia brucki* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste **21**: 61 (21). [Listed.]<sup>1</sup>  
 1907 *Kelisia brucki* Oshanin, Verz. Palaerak. Hemip. **2** (2) :304. [Listed.]<sup>1,2,3,6</sup>  
 1912 *Kelisia brucki* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>5</sup>  
 1927 *Kelisia brucki* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) **9**: 142. [Listed.]<sup>3</sup>  
 1934 *Kelisia brucki* Ribaut, Bull. Soc. Hist. Nat. Toulouse **66**: 292 (12); Fig. 51. [Key, illustrated.] :296 (16), 297 (17), 298 (18). [Comparative notes.]  
 1935 *Kelisia brucki* Haupt, Tierwelt Mitteleuropas **4** (3) :132. [Key.]<sup>6</sup>

**capensis** Muir

- 1929 *Kelisia capensis* Muir, Ann. Mag. Nat. Hist. (10) **4**: 201; Figs. 12, 13, 14. [n. sp., illustrated.]<sup>1</sup> Cape Province<sup>1</sup>

**contorta** Muir

- 1926 *Kelisia contorta* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 24; Brazil<sup>1</sup>  
 Pl. 3, Figs. 64, 65. [n. sp., illustrated.]<sup>1</sup>

**crocea** Van Duzee

- 1897 *Kelisia crocea* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 233. [n. sp.]<sup>1</sup>; 227. [Listed.] Iowa<sup>1</sup>  
Kansas<sup>2</sup>
- 1897 *Stenocranus croceus* Osborn and Ball, Proc. Iowa Acad. Sci. 4: 233. [Listed.]<sup>1</sup> Massachusetts<sup>3</sup>  
Eastern States<sup>4</sup>
- 1898 *Kelisia crocea* Osborn, Proc. Iowa Acad. Sci. 5: 235. [Listed.]<sup>1</sup> North Dakota<sup>5</sup>
- 1898 *Kelisia crocea* Osborn, Contr. Iowa State Coll. Agr. Dept. Zool. Ent. 3: 12. [Listed.]<sup>1</sup> South Dakota<sup>6</sup>  
New Mexico<sup>7</sup>
- 1902 *Kelisia crocea* Ball, Canadian Ent. 34: 264. [Comparative note.] Maine<sup>8</sup>
- 1904 *Kelisia crocea* Swezey, Prelim. Cat. Fulgoridae North America 1904: 33. [Listed.]<sup>1,2</sup> Equals *Stenocranus croceus* Osb. and Ball. Connecticut<sup>9</sup>  
Ohio<sup>10</sup>
- 1905 *Kelisea* [sic] *crocea* Crevecoeur, Trans. Kansas Acad. Sci. 19: 234. [Listed.]<sup>2</sup>
- 1907 *Kelisia crocea* Tucker, Bull. Kansas Univ. Sci. 4: 65. [Listed.]<sup>2</sup>
- 1914 *Kelisia croceus* Van Duzee, Psyche 21: 165. Equals *Stenocranus croceus* Van Duz.
- 1914 *Stenocranus croceus* Crawford, Mon. Delphacidae :591; Pl. 46; Fig. M; Pl. 49, Fig. O. [Described, illustrated.]<sup>2,3</sup> Equals *Kelisia crocea* Van Duz. :587. [Key.]
- 1916 *Kelisia crocea* Van Duzee, Check List Hemip. America :83. [Listed.]<sup>4</sup>
- 1917 *Kelisia crocea* Van Duzee, Cat. Hemip. America :764. [Listed.]<sup>1,2,3</sup> Equals *Stenocranus crocea*. Osb. and Ball.
- 1922 *Stenocranus croceus* [sic] Dozier, Ohio Jour. Sci. 22: 69. [Listed.] Equals *Kelisia croceus* [sic] Van Duz.
- 1922 *Stenocranus croceus* Dozier, Ohio Jour. Sci. 22: 77; Pl. 1, Figs. 3a, b, c. [Described, illustrated.]<sup>2,5,6,7,8</sup> :71. [Key.] :81. [Note.]
- 1923 *Kelisia crocea* Metcalf, Jour. Elisha Mitchell Soc. 38: 169; Pl. 60, Fig. 423; Pl. 69, Fig. 659. [Key, illustrated.]
- 1923 *Kelisia crocea* Van Duzee, Fulgoridae Hemip. Connecticut :47. [Key, notes.]<sup>9</sup>
- 1930 *Kelisia crocea* Hendrickson, Iowa State Coll. Jour. Sci. 4: 90. [Ecology.]<sup>1</sup>
- 1930 *Kelisia crocea* Johnson, Publ. Nantucket Maria Mitchell Assoc. 3 (2) :36. [Listed.]<sup>3</sup>
- 1938 *Kelisia crocea* Britton, Bull. Connecticut Geol. Nat. Hist. Surv. 60: 22. [Listed.]<sup>9</sup>
- 1938 *Kelisia crocea* Osborn, Bull. Ohio Biol. Surv. 6: 333. [Described.]<sup>1,2,3,10</sup>

*croceus*. Typographical error for *Kelisia crocea* Van Duzee.

**curvistilus** Muir

- 1926 *Kelisia curvistilus* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 23; Brazil<sup>1</sup>  
Pl. 3, Figs. 60, 61. [n. sp., illustrated.]<sup>1</sup>

*distincta* Metcalf (var.). See *Kelisia guttula* var. *distincta* Metcalf.

**emoloo** Muir

- 1917 *Kelisia emoloo* Muir, Proc. Hawaiian Ent. Soc. 3: 311; Pl. 5, Figs. 19, 19a. [n. sp., illustrated.]<sup>2</sup> Hawaii<sup>1</sup>  
(Hawaiian  
Islands)
- 1917 *Kelisia emoloo* Giffard, Proc. Hawaiian Ent. Soc. 3: 345. [Food plants.]<sup>1</sup> Oahu<sup>2</sup>
- 1919 *Kelisia emoloo* Muir, Proc. Hawaiian Ent. Soc. 4: 86. [Comparative note.] (Hawaiian  
Islands)
- 1921 *Kelisia emoloo* Swezey, Proc. Hawaiian Ent. Soc. 4: 523. [Listed.]<sup>2</sup>
- 1922 *Kelisia emoloo* Giffard, Proc. Hawaiian Ent. Soc. 5: 109. [Listed.]<sup>2</sup>

**eragrosticola** Muir

- 1919 *Kelisia eragrosticola* Muir, Proc. Hawaiian Ent. Soc. 4: 85; Pl. IV, Fig. 2. [n. sp., illustrated.]<sup>2</sup> Hawaiian  
Islands<sup>1</sup>
- 1922 *Kelisia eragrosticola* Giffard, Proc. Hawaiian Ent. Soc. 5: 109. [Listed.]<sup>2</sup> :116. [Food plants.] Maui<sup>2</sup>  
(Hawaiian  
Islands)
- 1936 *Kelisia eragrosticola* Swezey, Proc. Hawaiian Ent. Soc. 9: 208. [Food plants.]<sup>2</sup> Islands)

*Kelisia***escadensis** Muir

- 1926 *Kelisia escadensis* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 21; Brazil<sup>1</sup>  
Pl. 3, Figs. 54, 55. [n. sp., illustrated.]<sup>1</sup>

**fallax** Ribaut

- 1934 *Kelisia fallax* Ribaut, Bull. Soc. Hist. Nat. Toulouse 66: 299 (19); France<sup>1</sup>  
Figs. 55, 56. [n. sp., illustrated.]<sup>1</sup>:293 (13). [Key.] :300 (20), 301 Germany<sup>2</sup>  
(21). [Comparative note.]  
1935 *Kelisia fallax* Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 5. [Listed.]<sup>2</sup>  
1937 *Kelisia fallax* Kuntze, Arch. Nat. [n. f.] 6: 341, 354. [Ecology.]<sup>2</sup>

**fasciata** Kirschbaum

- 1868 *Ditropis fasciata* Kirschbaum, Cicad. Wiesbaden :42. [n. sp.] Germany<sup>1</sup>  
1872 *Kelisia scotti fasciata* Fieber, Kat. Europäischen Cicad. :5.  
[Listed.]  
1872 *Kelisia scotti fasciata* Fieber, Verh. Zool. Bot. Ges. Wien 22: 29. Equals *Ditropis fasciata* Kirschb.  
1875 *Kelisia scottii* [sic] *fasciata* Puton, Cat. Hémip. d'Europe 2 Ed. :118. [Listed.]  
1878 *Ditropis fasciata* Fieber, Cicad. d'Europe Pt. 3: 287 (18). To *Kelisia scotti* Fieber.  
1884 *Kelisia scotti fasciata* Mayr, Tabellen :19. [Listed.]<sup>1</sup>  
1886 *Kelisia scotti fasciata* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :72. [Listed.]  
1896 *Ditropis fasciata* Melichar, Cicad. Mittel Europa :60. To *Kelisia scotti* Fieber.  
1899 *Kelisia scotti fasciata* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :106. [Listed.]  
1904 *Kelisia scotti fasciata* Hüeber, Syst. Verz. deutschen Zikadinen :268. [Listed.]<sup>1</sup>  
1907 *Kelisia scotti fasciata* Oshanin, Verz. Palaeark. Hemip. 2 (2) :304. [Listed.]<sup>1</sup> Equals  
*Ditropis fasciata* Kirschb.  
1912 *Kelisia scotti fasciata* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>1</sup>  
1939 *Kelisia fasciata* Osborn, Meadow and Pasture Insects 1939: 161. [Note.]

**fasciata** var. **nigra** nom. nov. for *Liburnia scotti* var. *b* Scott.

- 1870 *Liburnia scotti* var. *b* Scott, Ent. Monthly Mag. 7: 68. [n. var.]<sup>1</sup> England<sup>1</sup>

**fasciata** var. **nigricollis** Kuntze

- 1937 *Kelisia scotti nigricollis* Kuntze, Arch. Nat. [n. f.] 6: 354. [n. var.]<sup>1</sup> Germany<sup>1</sup>  
:387. [Ecology.]<sup>1</sup>

**fasciata** var. **quadrinaculata** Kuntze

- 1937 *Kelisia scotti quadrinaculata* Kuntze, Arch. Nat. [n. f.] 6: 354. [n. Germany<sup>1</sup>  
var.]<sup>1</sup>:387. [Ecology.]<sup>1</sup>

**fasciata** var. **scotti** Scott

- 1865 *Delphax pallidulus* [nec Boheman] Marshall, Ent. Monthly Mag. France<sup>1</sup>  
1: 201. [Described.]<sup>3</sup> :199. [Key.] England<sup>2</sup>  
1870 *Delphax scotti* Scott, Ent. Monthly Mag. 7: 25. [n. sp., key.]<sup>2</sup> Germany<sup>3</sup>  
1870 *Liburnia scotti* Scott, Ent. Monthly Mag. 7: 67. [Described.]<sup>2</sup> British Isles<sup>4</sup>  
nom. nov. for *Delphax pallidulus* Marsh. [nec Boh.]. Hungary<sup>5</sup>  
1871 *Liburnia scotti* Scott, Ent. Monthly Mag. 7: 194. [Comparative Austria<sup>6</sup>  
note.] Romania<sup>7</sup>  
1872 *Kelisia scotti* Fieber, Kat. Europäischen Cicad. :5. [Listed.]<sup>2,3</sup> Denmark<sup>8</sup>  
1875 *Kelisia scottii* [sic] Puton, Cat. Hémip. d'Europe 2 Ed. :118. Central Europe<sup>9</sup>  
[Listed.]<sup>3,4</sup> Equals *Kelisia pallidula* Marsh. [nec Boh.]  
1876 *Liburnia scotti* Douglas and Scott, Cat. British Hemip. :67. [Listed.]<sup>4</sup> Equals  
*Delphax pallidulus* Marsh. [nec Boheman]. Equals *Kelisia scotti* Fieb.

- 1878 *Kelisia scotti* Fieber, Cicad. d'Europe Pt. 3: 287 (18). [Described.]<sup>2,3</sup> Equals *Delphax pallidulus* Marsh. [nec Boheman]. Equals *Ditropis fasciata* Kirschb. Equals *Liburnia scotti* Fieb.
- 1878 *Delphax scotti* Dale, History of Glanville's Wootton :305. [Listed.]<sup>2</sup>
- 1879 *Kelisia scotti* Horváth, Fauna Regni Hungariae :56. [Listed.]<sup>6</sup>
- 1884 *Kelisia scotti* Mayr, Tabellen :19. [Listed.]<sup>3</sup>
- 1886 *Liburnia scotti* Edwards, Syn. British Homop.-Cicadina Pt. 1: 66. [Described.]<sup>4</sup> Equals *Kelisia scotti* Fieb. Equals *Delphax pallidulus* Marsh. [nec Boh.] :58. [Key.]
- 1886 *Kelisia scotti* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :72. [Listed.]<sup>3,4</sup> Equals *Kelisia pallidula* Marsh. [nec. Boh.]
- 1889 *Liburnia scotti* Edwards, Trans. Nat. Soc. Norwich 4: 705. [Listed.]<sup>2</sup>
- 1890 *Liburnia scotti* Saunders and Edwards, Cat. British Hemiptera 1890: 11. [Listed.]<sup>4</sup>
- 1890 *Liburnia scotti* Buckton, Mon. British Cicadae 2: 33; Pl. X, Figs. 6-8. [Described, illustrated.]<sup>3,4</sup> Equals *Delphax pallidulus* Marsh. [nec Boh.] Equals *Kelisia scotti* Fieb.
- 1890 *Liburnia scotti* Buckton, Mon. British Cicadae 3: 65, 66. [Synopsis.]
- 1894 *Liburnia (Kelisia) scotti* Edwards, Hemip.-Homop. British Islands Pt. 2: 33. [Key.]
- 1894 *Liburnia scotti* Edwards, Hemip.-Homop. British Islands Pt. 2: 43; Pl. V, Figs. 5, 6. [Described, illustrated.]<sup>4</sup>
- 1896 *Kelisia scotti* Melichar, Cicad. Mittel-Europa :60. [Described.]<sup>3</sup> Equals *Delphax scotti* Marsh. Equals *Liburnia scotti* Scott. Equals *Ditropis fasciata* Kirschb. :58. [Key.]
- 1899 *Kelisia scotti* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :106. [Listed.]<sup>3,4,6</sup> Equals *Kelisia pallidula* Marsh. [nec Boh.]
- 1904 *Kelisia scotti* Hübner, Syst. Verz. deutschen Zikadinen :268. [Listed.]<sup>3</sup> Equals *Kelisia pallidula* Marsh. [nec Boh.]
- 1907 *Kelisia scotti* Oshanin, Verz. Palaeark. Hemip. 2 (2): 304. [Listed.]<sup>4,5</sup> Equals *Liburnia scotti* Scott. Equals *Delphax pallidula* Marsh. [nec Boh.]
- 1908 *Kelisia scotti* Saunders and Edwards, Cat. British Hemiptera 1908: 14. [Listed.]<sup>4</sup>
- 1912 *Kelisia scotti* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>2,5,7</sup> Equals *Kelisia pallidula* Marsh. [nec Boh.]
- 1915 *Kelisia scotti* Jacobsen, Ent. Medd. 10: 319. [Listed.]<sup>8</sup>
- 1915 *Kelisia scotti* Jensen-Haarup, Flora och Fauna 1915: 103. [Key.]
- 1920 *Kelisia scotti* Jensen-Haarup, Danmarks Fauna :42. [Described.]<sup>2,8,9</sup> :40. [Key.]
- 1928 *Kelisia scotti* Ribaut, Bull. Soc. Hist. Nat. Toulouse 57: 175 (5). [Notes.]<sup>1,2,5,7</sup>
- 1934 *Kelisia scotti* Ribaut, Bull. Soc. Hist. Nat. Toulouse 66: 292 (12). [Key.]
- 1935 *Kelisia scotti* Haupt, Tierwelt Mitteleuropas 4 (3) :132. [Key.]<sup>2,3,5</sup>
- 1937 *Kelisia scotti* Kuntze, Arch. Nat. [n. f.] 6: 344, 354, 387. [Ecology.]<sup>3</sup>

**fasciata** var. **triangularis** nom. nov. for *Liburnia scotti* var. *a* Scott

- 1870 *Liburnia scotti* var. *a* Scott, Ent. Monthly Mag. 7: 68. [n. var.]<sup>1</sup> England<sup>1</sup>

**feberi** Muir

- 1917 *Kelisia feberi* Muir, Proc. Hawaiian Ent. Soc. 3: 331; Pl. 6, Figs. 49, 49a. [n. sp., illustrated.]<sup>1,2,3</sup> :316. [Notes.] Luzon<sup>1</sup>  
Mindanao<sup>2</sup>
- 1919 *Kelisia* [sic] *feberi* Muir, Canadian Ent. 51: 8. [Comparative (Philippine  
note.) Islands]
- 1920 *Kelisia feberi* Muir, Bull. Ent. Res. 10: 143. [Notes.] Ceylon<sup>3</sup>
- 1922 *Kelisia feberi* Muir, Rec. Indian Mus. 24: 351. [Notes.]<sup>4</sup> India<sup>4</sup>

*fulva* Metcalf (var.) See *Kelisia guttula* var. *fulva* Metcalf.

**fuscovittata** Muir

- 1926 *Kelisia fuscovittata* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 22; Pl. 3, Figs. 56, 57. [n. sp., illustrated.]<sup>1</sup> Brazil<sup>1</sup>

*guttula*. Typographical error for *Kelisia guttula* Germar.



*Kelisia***graminicola** Muir

- 1926 *Kelisia graminicola* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 20; Brazil<sup>1</sup>  
Pl. 2, Fig. 48; Pl. 3, Fig. 48. [n. sp., illustrated.] :21, 22. [Com-  
parative notes.]

*guttulifera*. Typographical error for *Kelisia guttulifera* Kirschbaum. See *Kelisia vittipennis* Sahlberg.

**guttula** Germar

- 1806 *Delphax minuta* [nec Fabricius] Fallén, Vet. Akad. Handl. **27**: 129. [Described.]<sup>1</sup> Sweden<sup>1</sup>  
Germany<sup>2</sup>
- 1814 *Delphax minuta* [nec Fabricius] Fallén, Hemip. Dispon. Meth. Italy<sup>3</sup>  
:21. [Listed.] Sicily<sup>4</sup>
- 1818 *Delphax guttula* Germar, Mag. Ent. **3**: 216. [n. sp.] England<sup>5</sup>
- 1826 *Delphax guttula* Fallén, Hemip. Sueciae :76. [Described.]<sup>1</sup> Equals France<sup>6</sup>  
*Delphax minuta* Fall. [nec Fabr.] Russia<sup>7</sup>
- 1828 *Delphax minuta* Zetterstedt, Fauna Ins. Lapponica :549. [De- Finland<sup>8</sup>  
scribed.]<sup>1</sup> Equals *Delphax guttula*. Norway<sup>9</sup>
- 1830 *Delphax guttula* Germar, Thon Ent. Archiv **2**: 57. [Described.]<sup>1,2</sup> Scandinavia<sup>10</sup>  
Equals *Delphax minuta* Fall. [nec Fabr.] Europe<sup>11</sup>
- 1834 *Delphax guttula* Costa, Cenni Zool. :84. [Listed.]<sup>3</sup> Belgium<sup>12</sup>
- 1834 *Delphax guttula* Herrich-Schäffer, Deutschlands Ins. **126**: 2. [De- Livonia<sup>13</sup>  
scribed, illustrated.] Equals *Delphax minuta* Fall. [nec Fabr.] Switzerland<sup>14</sup>
- 1835 *Delphax guttula* Herrich-Schäffer, Nom. Ent. **1**: 106. [Listed.] Spain<sup>15</sup>  
Equals *Delphax minuta* Zett. :65. [Key.] Austria<sup>16</sup>
- 1835 *Delphax minuta* Herrich-Schäffer, Nom. Ent. **1**: 106. To *Delphax* Sardinia<sup>17</sup>  
*guttula*. Czechoslovakia<sup>18</sup>
- 1837 *Delphax guttula* Curtis, Guide Arrang. British Ins. Ed. **2**: 223. British Isles<sup>19</sup>  
[Listed.]<sup>19</sup> Hungary<sup>20</sup>
- 1837 *Delphax guttula* Curtis, British Ent. **14**: Pl. 657. [Described.]<sup>5</sup> Algeria<sup>21</sup>
- 1837 [*Delphax*] *guttula* Curtis, Guide Arrang. British Ins. Ed. **2**: 223. Yugoslavia<sup>22</sup>  
To *Delphax pellucida* (?) Fabr. [error.] Romania<sup>23</sup>
- 1839 *Delphax guttula* von Siebold, Preussische Prov.-Blatt. **21**: 444. Tunisia<sup>24</sup>  
[Listed.]<sup>2</sup> Tiberkan<sup>25</sup>
- 1840 *Delphax guttula* Herrich-Schäffer, Fauna Ratisbonensis **3** (2) Siberia<sup>26</sup>  
:384. [Listed.]<sup>2</sup> Denmark<sup>27</sup>
- 1840 *Delphax minuta* Zetterstedt, Ins. Lapponica desc. :305. [De- North Africa<sup>28</sup>  
scribed.]<sup>1</sup> Equals *Delphax guttula* Fall. Portugal<sup>29</sup>
- 1847 [*Delphax*] *guttulae* [sic] Boheman, Handl. Svenska Vet. Akad. Netherlands<sup>30</sup>  
**1847**: 42. [Comparative note.] Poland<sup>31</sup>
- 1850 *Delphax guttula* Boheman, Handl. Svenska Vet. Akad. **1849**: 257. Scotland<sup>32</sup>  
[Listed.]<sup>1</sup>
- 1850 *Delphax minuta* Dahlbom, Handl. Svenska Vet. Akad. **1850**: 203. [Listed.]<sup>1</sup>
- 1850 *Delphax guttula* Schaum, Allg. Encykl. Ersch und Gruber **51**: 69. [Listed.]<sup>2</sup> Equals  
*Delphax minuta* Fall. [nec Fabr.]
- 1851 *Delphax guttula* Wallengren, Öfv. Svenska Vet. Akad. Förh. **1850**: 254. [Listed.]
- 1851 *Delphax guttula* Walker, List Homop. British Mus. **2**: 352. [Listed.]<sup>2,5</sup> Equals  
*Delphax minuta* Fall. [nec Fabr.]
- 1854 *Delphax guttula* Stål, Öfv. Svenska. Vet. Akad. Förh. **11**: 191. [Described.] 1. Equals  
*Delphax minuta* Fall. [nec Fabr.]
- 1859 *Delphax guttula* Dohrn, Cat. Hemip. :61. [Listed.]<sup>2</sup>
- 1860 *Delphax guttula* Walker, List. British Hemip. :17. [Listed.]<sup>5</sup>
- 1861 *Delphax guttula* Flor, Rhynch. Livlands **2**: 42. [Described.]<sup>1,2,5,6</sup> Equals *Delphax*  
*minuta* Zett. [nec. Fabr.] :31 [Key.] :29. [Note.] :45. [Comparative note.]
- 1862 *Delphax guttula* Curtis, Homop. British Ent. :Pl. 657. [Described.]<sup>5</sup>
- 1862 *Delphax guttula* Graaf, Six and Snellen van Vollenhoven, Tijdschr. Ent. **5**: 78.  
[Listed.]<sup>30</sup>

- 1863 *Delphax guttata* [sic] Snellen van Vollenhoven, Tijdschr. Ent. **6**: 11. [Notes.]<sup>30</sup>
- 1865 *Delphax guttata* Marshall, Ent. Monthly Mag. **1**: 200. [Described.]<sup>19</sup> Equals *Delphax minuta* Zett. [nec Fabr.] :199. [Key.]
- 1866 *Kelisia guttula* Fieber, Verh. Zool. Bot. Ges. Wien **16**: 519, 532. [Listed.] Equals *Delphax guttata* Germ. Equals *Delphax minuta* Fall. [nec Fabr.]
- 1866 *Delphax guttata* Bold, Ent. Monthly Mag. **2**: 207. [Notes.] [Listed.]<sup>5</sup>
- 1866 *Kelisia* [sic] *guttula* Fieber, Verh. Zool. Bot. Ges. Wien. **16**: Pl. viii, Fig. 4. [Illustrated.]
- 1867 *Kelisia guttula* Dallas, Zool. Rec. **3**: 560. Equals *Delphax guttula* Germ.
- 1868 *Delphax guttula* Sahlberg, Not. Fennica [n. s.] **9** (9) :187. [Listed, comparative note.]<sup>8</sup> Equals *Delphax minuta* Fall. [nec Fabr.]
- 1869 *Delphax guttula* Lethierry, Cat. Hémip. du Nord :353. [Listed.]<sup>6</sup>
- 1870 *Kelisia guttula* Oshanin, Mém. Soc. Amis Sci. Nat. Moscou **6**: 46. [Listed.]<sup>7</sup>
- 1870 *Liburnia guttula* Scott, Ent. Monthly Mag. **7**: 25. [Key.]
- 1871 *Kelisia guttula* Oshanin, Bull. Imp. Soc. Nat. Hist. Imp. Univ. Moscou **6** (3) : 30. [Listed.]<sup>7</sup>
- 1871 *Stenocarenus* [sic] *guttula* Sahlberg, Not. Fennica [n. s.] **9** (12) :56. [Listed.]<sup>1,8,9</sup> :38. [Ecology.]
- 1871 *Stenocarenus* [sic] (*Kelisia*) *guttula* Sahlberg, Not. Fennica [n. s.] **9** (12) :417. [Described.]<sup>10</sup> Equals *Delphax minuta* Fall. [nec Fabr.] Equals *Delphax guttula* Germ. Equals *Delphax albicollis* Sahlb. [nom. nud.]
- 1871 *Delphax guttula* Brischke, Verz. Wanzen und Zirpen Prov. Preussen :13. [Listed.]<sup>2</sup>
- 1872 *Kelisia guttula* Fieber, Kat. Europäischen Cicad. :5. [Listed.]<sup>11</sup>
- 1874 *Kelisia guttula* Lethierry, Cat. Hémip. Dept. du Nord Second Ed. :257 (53). [Listed, comparative note.]<sup>6</sup>
- 1874 *Delphax guttula* Raddatz, Arch. Ver. Freunde Natur. Mecklenburg **20**: 82. [Listed.]<sup>2</sup>
- 1874 *Liburnia guttula* Scott, Ent. Monthly Mag. **10**: 270. [Comparative note.]
- 1875 *Kelisia guttula* Puton, Cat. Hémip. d'Europe 2Ed :118. [Listed.]<sup>11</sup>
- 1876 *Liburnia guttula* Douglas and Scott, Cat. British Hemip. :67. [Listed.]<sup>19</sup> Equals *Delphax guttula* Germ. Equals *Kelisia guttula* Fieb.
- 1878 *Delphax guttula* Dale, History of Glanville's Wootton :304. [Listed.]<sup>5</sup>
- 1878 *Kelisia guttula* Fieber, Cicad. d'Europe Pt. **3**: 291 (22). [Described.]<sup>1,2,5,6,13,14</sup> Equals *Delphax guttula* Germ. Equals *Delphax minuta* Zett. [nec Fabr.]
- 1878 *Kelisia guttula* Lethierry, Compt. Rend. Soc. Ent. Belgique **21**: xxxvii, lxxvii. [Listed.]<sup>12</sup>
- 1879 *Kelisia guttula* Bolivar and Chicote, Ann. Soc. Esp. **8**: 179 (33). [Listed.]<sup>16</sup>
- 1879 *Liburnia guttula* Norman, Ent. Monthly Mag. **15**: 255. [Listed.]<sup>32</sup>
- 1880 *Kelisia guttula* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar **21**: 54. [Listed.]<sup>6</sup>
- 1880 *Stenocarenus* [sic] *guttula* Reuter, Medd. Soc. Fauna Fl. Fennica **5**: 196. [Listed.]<sup>8</sup> Equals *Delphax bivittata* Boh. [error.]
- 1880 *Liburnia guttula* Norman, Ent. Monthly Mag. **16**: 213. [Listed.]<sup>32</sup>
- 1882 *Kelisia guttula* Ferrari, Cicad. Agri Ligustici :90 (18). [Listed.]<sup>3</sup> Equals *Delphax guttula* Germ. :89 (17). [Key.]
- 1883 *Liburnia guttula* Bloomfield, Natural History of Hastings. First Suppl. **1883**: 33. [Listed.]<sup>6</sup>
- 1884 *Liburnia guttula* Edwards, Trans. Nat. Soc. Norwich **3**: 713. [Listed.]<sup>6</sup>
- 1884 *Kelisia guttula* Lomnicki, Spraw. Kom. Fizyj. **18**: 232. [Listed.]<sup>31</sup>
- 1884 *Kelisia guttula* Mayr, Tabellen :19. [Listed.]<sup>2,6,14</sup>
- 1885 *Liburnia guttula* Edwards, Ent. Monthly Mag. **22**: 133. [Described.]
- 1885 *Kelisia guttula* Ivanoff, Liste des Cigales :89 (7) [Listed.] :112 (30); Pl. 2, Fig. 1. [Key, illustrated.]
- 1886 *Liburnia guttula* Capron, Ent. Monthly Mag. **22**: 264. [Listed.]<sup>6</sup>
- 1886 *Liburnia guttula* Edwards, Syn. British Homop.-Cicadina Pt. **1**: 64; Pl. 2, Fig. 13. [Described, comparative note, illustrated.]<sup>19</sup> Equals *Stenocarenus* [sic] *guttula* Sahlb. Equals *Delphax guttula* Germ. Equals *Kelisia guttula* Fieb. :58. [Key.]
- 1886 *Kelisia guttula* Löw, Becker's Hertenstein in Niederösterreich. **3**: 497. [Listed.]<sup>16</sup>
- 1886 *Kelisia guttula* Then, Kat. Österreichischen Cicad. **1886**: 13. [Listed.]<sup>11,16,31</sup>

*Kelisia*

- 1886 *Kelisia guttula* Puton, Cat. Hémp. Faune Paléarctique 3 Ed. :72. [Listed.]<sup>11</sup> Equals *Kelisia bivittata* Boh. [error.]
- 1887 *Kelisia guttula* Ragusa, Nat. Siciliano 6: 185. [Listed.]<sup>4</sup>
- 1888 *Kelisia guttula* Costa, Atti. Acc. Sci. Napoli (2) 1 (9) :39. [Listed.]<sup>17</sup>
- 1888 *Kelisia guttula* Dubois, Mém. Soc. Linn. Nord France 7: 154 (58). [Listed.]<sup>6</sup>
- 1890 *Liburnia guttula* Buckton, Mon. British Cicadae 1: 32. [Comparative note.]
- 1890 *Liburnia guttula* Buckton, Mon. British Cicadae 2: 38; Pl. XII, Figs. 5–8. [Described, illustrated.]<sup>1,2,6,13,14,19</sup> Equals *Delphax guttula* Germ. Equals *Kelisia guttula* Fieb. Equals *Stenocarenus* [sic] *guttula* Sahlb. :43. [Comparative note.]
- 1890 *Liburnia guttula* Buckton, Mon. British Cicadae 3: 65. [Synopsis.]
- 1890 *Kelisia guttula* Dominique, Ann. Soc. Acad. Loire-Inférieure 1890: 110 (26). [Listed.]<sup>6</sup>
- 1890 *Liburnia guttula* Saunders and Edwards, Cat. British Hemiptera 1890: 11. [Listed.]<sup>19</sup>
- 1891 *Liburnia guttula* Buckton, Mon. British Cicadae 8: 161. [Genitalia.] :162; Pl. XII, Fig. 8. [Genitalia, illustrated.]
- 1891 *Kelisia guttula* Fokker, Compte Rendu Soc. Ent. Belgique 35: cccxli. [Listed.]<sup>12</sup>
- 1891 *Kelisia guttula* Fokker, Cat. Nederland Hemip. :366. [Listed.]<sup>30</sup>
- 1891 *Kelisia guttula* Oshanin, Mém. Sect. caucasienne Soc. russe Geogr. 23: (1) :48. [Listed.]<sup>7</sup>
- 1892 *Stenocranus* (*Kelixa*) [sic] *guttula* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>12</sup>
- 1892 *Kelisia guttula* Ferrari, Ann. Mus. Genova 12 (2) :569. (21) [Listed.]<sup>3</sup>
- 1892 *Kelisia guttula* Lethierry, Rev. Hémp. Belgique :21. [Listed.]<sup>12</sup>
- 1892 *Kelisia guttula* Spitzner, Verh. Naturf. Ver. Brünn 30: 26. [Listed.]<sup>13</sup>
- 1892 *Kelisia guttula* Duda, Cat. Ins. Faunae Bohemicae :28. [Listed.]<sup>18</sup> Equals *Kelisia bivittata* Boh. [error.]
- 1892 *Kelisia guttula* Dominique, Bull. Soc. Sci. Nat. Ouest France 2: 115. [Listed.]<sup>6</sup>
- 1893 *Kelisia guttula* Bezzi, Bull. Soc. Ent. Italiana 25: 108 (28). [Listed.]<sup>3</sup>
- 1894 *Liburnia* (*Kelisia*) *guttula* Edwards, Hemip.-Homop. British Islands Pt. 2: 33. [Key.]
- 1894 *Liburnia guttula* Edwards, Hemip.-Homop. British Islands Pt. 2: 41; Pl. V, Fig. 2. [Described, comparative note, illustrated.]<sup>19</sup>
- 1895 *Kelisia guttula* Wüstnei, Schr. Nat. Ver. Schleswig-Holsteins. 10: 268. [Listed.]<sup>2</sup>
- 1896 *Kelisia guttula* Melichar, Cicad. Mittel-Europa :61. [Described.]<sup>11,16</sup> Equals *Delphax guttula* Germ. Equals *Liburnia guttula* Edw. :59. [Key.]
- 1897 *Kelisia guttula* Horváth, Fauna Regni Hungariae :56 [Listed.]<sup>30</sup>
- 1897 *Kelisia guttula* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 232. [Comparative note.]
- 1899 *Kelisia guttula* Melichar, Wien. Ent. Zeit. 18: 180. [Listed.]<sup>24</sup>
- 1899 [*Kelisia*] *guttula* Melichar, Ent. Jahrb. 1899: (9). [Listed.]
- 1899 *Kelisia guttula* Puton, Cat. Hémp. Faune Paléarctique 4 Ed. :107. [Listed.]<sup>11</sup> Equals *Kelisia bivittata* Boh. [error.]
- 1899 *Stenocarenus* [sic] *guttula* Holmgren, Zool. Jahrb. Syst. 12: 410; Pl. 21, Fig. 10. [Morphology of female reproductive organs, illustrated.] :405. [Listed.]
- 1900 *Kelisia guttula* Fokker, Tijdschr. Ent. 42: 25. [Listed.]<sup>21</sup>
- 1900 *Kelisia gnttula* [sic] Fokker, Tijdschr. Ent. 42: 14. [Listed.]<sup>2</sup>
- 1900 *Kelisia guttula* Lameere, Man. Faune Belgique 2: 141. [Described.]<sup>12</sup>
- 1900 *Kelisia guttula* Melichar, Wien. Ent. Zeit. 19: 45. [Listed.]<sup>26</sup>
- 1900 *Kelisia guttula* Strobl, Mitt. Natur. Ver. Steiermark 36: 203. [Listed.]<sup>16</sup>
- 1901 *Kelisia guttula* Lambertie, Act. Soc. Linn. Bordeaux 56: 216 (88). [Listed.]<sup>6</sup>
- 1902 *Kelisia guttula* Cobelli, Cicadine Trentino :9. [Listed.]<sup>3</sup>
- 1902 *Kelisia guttula* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) 2: 222. [Listed.]<sup>6</sup>
- 1903 *Kelisia guttula* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 61 (21). [Listed.]<sup>3</sup>
- 1903 *Kelisia guttula* Horváth, Ann. Mus. Nat. Hungarici 1: 27. [Listed.]<sup>22</sup>
- 1904 *Kelisia guttula* Hüeber, Syst. Verz. deutschen Zikadinen :268. [Listed.]<sup>2</sup> Equals *Kelisia bivittata* Boh. [error.]
- 1906 *Kelisia guttula* Matsumura, Schr. Nat. Ges. Danzig 11: 75. [Listed.]<sup>2</sup>
- 1907 *Kelisia guttula* Oshanin, Verz. Palaeark. Hemip. 2 (2) :304. [Listed.]<sup>1,2,3,6,7,8,14,15,16,19,20-</sup>

- 21,23,24,25,26 Equals *Delphax guttula* Germ. Equals *Delphax bivittata* Boh. [error.]  
 Equals *Stenocarenum* [sic] *guttula* Sahlb. Equals *Liburnia guttula* Scott. Equals *Achorotile bivittata* Fieb. [error.]
- 1907 *Kelisia guttula* Oshanin, Cat. Homop. St. Pétersbourg 1907: 244 (32). [Listed.]<sup>7</sup>  
 1908 *Kelisia guttula* Saunders and Edwards, Cat. British Hemiptera 1908:14. [Listed.]<sup>19</sup>  
 1908 *Kelisia guttula* [sic] Lambertie, Proc. Verb. Soc. Linn. Bordeaux 62: cxxxiv (3). [Listed.]<sup>6</sup>  
 1908 *Kelisia guttula* Oshanin, Verz. Palaeark. Hemip. 2 (3) :452. [Listed.]<sup>12</sup>  
 1909 *Kelisia guttula* Lambertie, Proc. Verb. Soc. Linn. Bordeaux 63: cxlviii. [Listed.]<sup>6</sup>  
 1910 *Kelisia guttula* Matsumura, Jour. Coll. Sci. Tokyo 27: 29 [Comparative note.]  
 1910 *Kelisia guttula* Lambertie, Misc. Ent. 18: 91. [Listed.]<sup>6</sup> Equals *Kelisia bivittata* Boh. [error.]  
 1912 *Kelisia guttula* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>11,21,24,25,26</sup> Equals *Kelisia bivittata* Boh. [error.]  
 1912 *Kelisia guttula* Sabrinsky, Mitt. Natur. Ver. Steiermark 48: 316. [Listed.]<sup>16</sup>  
 1913 *Kelisia guttula* Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]<sup>16</sup>  
 1914 *Kelisia guttula* Crawford, Mon. Delphacidae: 613. [Comparative note.]  
 1915 *Kelisia guttula* Jacobsen, Ent. Medd. 10: 319. [Listed.]<sup>27</sup>  
 1915 *Kelisia guttula* Jensen-Haarup, Flora och Fauna 1915: 104. [Described.]<sup>27</sup> :103. [Key.]  
 1918 *Kelisia guttula* Horváth, Ann. Mus. Nat. Hungarici 16: 331. [Listed.]<sup>22</sup>  
 1920 *Kelisia guttula* Jensen-Haarup, Danmarks Fauna :41. [Described.]<sup>25,26,27,28</sup> :40. [Key.]  
 1920 *Kelisia guttula* Tullgren and Wahlgren, Svenska Insekter 1920: 152. [Notes.]<sup>1</sup>  
 1922 *Kelisia guttula* MacGillavry, Ent. Berichten 6: 68. [Comparative note.]  
 1924 *Kelisia guttula* Lindberg, Acta Soc. Fauna Flora Fennica 56: 45. [Listed.]<sup>3</sup>  
 1925 *Kelisia guttula* Haupt, Mitt. Münchner Ent. Ges. 15: 18. [Listed.]<sup>2</sup>  
 1926 *Delphax guttula* Sherborn, Index Animalium 11: 2870. [Listed.]  
 1926 *Kelisia guttula* Rémy-Perrier, Homop. Fauna France 4: 93; Fig. KV. [Key, illustrated.]<sup>6</sup>  
 1927 *Kelisia guttula* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 143. [Listed.]<sup>6</sup>  
 1928 *Kelisia guttula* Ivanov, Rev. Russe d'Ent. 22: 53. [Morphology of reproductive system.] Equals *Stenocranus* [*guttula* Germ.]  
 1928 *Kelisia guttula* Ivanov, Mém. Acad. Sci. Ukraine 6: 197. [Listed.]<sup>7</sup>  
 1928 *Kelisia guttula* Ivanov, Trav. Mus. Zool. 1928: 501. [Listed.]<sup>7</sup>  
 1928 *Kelisia guttula* Lallemant, Mem. Ent. Mus. Zool. Univ. Coimbra 1928: 8. [Listed.]<sup>29</sup>  
 1930 *Kilisia* [sic] *guttula* de Seabra, Arq. Secc. Biol. e Par. 1 (4) :351. [Notes.]<sup>29</sup>  
 1930 *Kelisia guttula* Britten, Check List Fauna Lancashire and Cheshire 1: 74. [Listed.]<sup>5</sup>  
 1933 *Kelisia guttula* Pawlik, Ent. Rundsch. 50: 234 (1), 235 (2). [Listed.]  
 1934 *Kelisia guttula* Thornley, Trans. Soc. British Ent. 1: 82. [Listed.]<sup>5</sup>  
 1935 *Kelisia guttula* Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 5. [Listed.]<sup>2</sup>  
 1937 *Kelisia guttula* Kuntze, Arch. Nat. [n. f.] 6: 307, 310, 311, 312, 315, 322, 349, 350, 354. [Ecology.]<sup>2</sup>  
 1937 *Kelisia guttula* Ossiannilsson, Opuscula Entomologica. Lund 2: 26. [Comparative note.]  
 1938 *Kelisia guttula* Nast, Fragm. Faun. Mus. Zool. Polonici 3: 232 (8). [Listed.]<sup>31</sup>  
 1938 *Kelisia guttula* Wagner, Bombus 4: 12. Equals *Kelisia pascuorum* Rib. [error.]

***guttula* var. *distincta* nom. nov. for *Stenocarenum guttula* var. *b* Sahlberg**

- 1871 *Stenocarenum guttula* var. *b* Sahlberg, Not. Fennica [n. s.] 9 (12) Finland<sup>1</sup>  
 :417. [n. var.]<sup>1</sup>

***guttula* var. *fulva* nom. nov. for *Stenocarenum guttula* var. *c* Sahlberg**

- 1871 *Stenocarenum guttula* var. *c* Sahlberg, Not. Fennica [n. s.] 9 (12) Finland<sup>1</sup>  
 :418. [n. var.]<sup>1</sup>

*guttula* Kirschbaum [nec Germar]. See *Kelisia monoceros* Ribaut.



*Kelisia*

*guttula* Haupt [nec Germar]. See *Kelisia perspicillata* Boheman.

*guttula* Ribaut [nec Germar]. See *Kelisia ribauti* Wagner.

*guttulifera* Kirschbaum. See *Kelisia vittipennis* Sahlberg.

*guttula*. Typographical error for *Kelisia guttula* Germar.

*henschii* Horváth. See *Kelisia melanops* Fieber.

**holmgreni** Muir

1930 *Kelisia holmgreni* Muir, Ent. Tidskr. 51: 213; Fig. 9. [n. sp., illustrated.]<sup>1</sup> Bolivia<sup>1</sup>  
*immaculata* Muir (var.). See *Kelisia sporobolicola* var. *immaculata* Muir.

**irregulata** Haupt

1935 *Kelisia irregulata* Haupt, Tierwelt Mitteleuropas 4 (3) :132. [n. sp.]<sup>1</sup> Central Europe<sup>1</sup>

1935 [*Kelisia*] *irregulata* Haupt, Tierwelt Mitteleuropas 4 (3) :132.  
[Comparative note.]

*kirkaldyi* Muir. See *Liburnia kirkaldyi* Muir.

**melanops** Fieber

1872 *Kelisia melanops* Fieber, Kat. Europäischen Cicad. :5. [Listed.]<sup>1</sup> Italy<sup>1</sup>  
[nom. nud.] France<sup>2</sup>

1875 *Kelisia melanops* Puton, Cat. Hémipt. d'Europe 2 Ed. :117. Europe<sup>3</sup>  
[Listed.]<sup>1,2</sup> [nom. nud.] Hungary<sup>4</sup>

1875 *Kelisia melanops* Fieber, Rev. Mag. Zool. (3) 3: 370 (83). [Note.]<sup>5</sup> Yugoslavia<sup>5</sup>

1878 *Kelisia melanops* Fieber, Cicad. d'Europe Pt. 3: 284 (15). [n. sp.]<sup>1</sup> Germany<sup>6</sup>

1882 *Kelisia melanops* Ferrari, Cicad. Agri Ligustici :89 (17). [Listed, Palaeartic  
key.]<sup>1</sup> Region<sup>7</sup>

1886 *Kelisia melanops* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed.  
:72. [Listed.]<sup>1,2</sup>

1887 *Kelisia melanops* de Carlini, Boll. Soc. Ent. Italiana 19: 271, 277. [Listed.]<sup>1</sup>

1892 *Kelisia melanops* Ferrari, Ann. Mus. Genova 12 (2) :569 (21). [Listed.]<sup>1</sup>

1896 *Kelisia melanops* Melichar, Cicad. Mittel-Europa :59. [Described.]<sup>3</sup> :58. [Key.]

1897 *Kelisia henschii* Horváth, Term. Füzetek 20: 620. [n. sp.]<sup>4</sup>

1897 *Kelisia henschii* Horváth, Fauna Regni Hungariae :56. [Listed.]<sup>4</sup>

1899 *Kelisia melanops* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :106. [Listed.]<sup>1,2</sup>

1899 *Kelisia henschii* [sic] Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :106. [Listed.]<sup>4</sup>

1903 *Kelisia melanops* Horváth, Ann. Mus. Nat. Hungarici 1: 27, 558. [Listed.]<sup>5,7</sup> :558.  
Equals *Kelisia henschii* Horv.

1907 *Kelisia melanops* Oshanin, Verz. Palaeark. Hemip. 2 (2) :303. [Listed.]<sup>2,1,4</sup> Equals  
*Kelisia henschii* Horv.

1912 *Kelisia melanops* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>1,2,4</sup> Equals *Kelisia*  
*henschii* [sic] Horv.

1929 *Kelisia melanops* Luigioni, Atti Pontificia Acad. Sci. Nuovi Lincei 82: 220 (22).  
[Listed.]<sup>3</sup>

1930 *Kelisia melanops* Haupt, Mitt. Deutschen Ent. Ges. 1: 153. [Listed.]<sup>1</sup>

1934 *Kelisia melanops* Haupt, Märkische Tierwelt 1: 48 (2) [Food plants.]<sup>6</sup>

1935 *Kelisia melanops* Haupt, Tierwelt Mitteleuropas 4 (3) :132; Fig. 212. [Key, illus-  
trated.]<sup>4</sup>

**minima** Ribaut

1934 *Kelisia minima* Ribaut, Bull. Soc. Hist. Nat. Toulouse 66: 300 France<sup>1</sup>  
(20); Fig. 58. [n. sp., illustrated.]<sup>1</sup> :293 (13). [Key.]

**monoceros** Ribaut

1868 *Delphax guttula* [nec. Germar] Kirschbaum, Cicad. Wiesbaden France<sup>1</sup>  
:25 [Key.]<sup>3</sup> :31. [Comparative note.] Sweden<sup>2</sup>

- 1934 *Kelisia monoceros* Ribaut, Bull. Soc. Hist. Nat. Toulouse **66**: 293 Germany<sup>3</sup>  
(13); Figs. 38-40. [n. sp., illustrated.]<sup>1</sup> :292 (12). [Key, comparative note.]  
1937 *Kelisia monoceros* Ossiannilsson, Opuscula Entomologica. Lund **2**: 26. [Listed.]<sup>2</sup>  
1938 *Kelisia monoceros* Wagner, Bombus **4**: 12. Equals *Kelisia guttula* Kirschb. [nec Germ.]

*nigra* Metcalf (var.). See *Kelisia fasciata* var. *nigra* Metcalf.

*nigricollis* Kuntze (var.). See *Kelisia fasciata* var. *nigricollis* Kuntze.

### **nigripennis** Muir

- 1929 *Kelisia nigripennis* Muir, Ann. Mag. Nat. Hist. (10) **4**: 202; Figs. Cape  
15, 16. [n. sp., illustrated.]<sup>1</sup> Province<sup>1</sup>

### **occidentalis** Muir

- 1926 *Kelisia occidentalis* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 22; Ecuador<sup>1</sup>  
Figs. 58, 59. [n. sp., illustrated.]<sup>1</sup>

### *pallidipennis* Fieber [nom. nud.]

- 1866 *Kelisia pallidipennis* Fieber, Verh. Zool. Bot. Ges. Wien. **16**: 532. [Listed.] [nom. nud.]

### **pallidula** Boheman

- 1847 *Delphax pallidula* Boheman, Öfv. Svenska Vet. Akad. Förh. Sweden<sup>1</sup>  
**1847**: 265. [n. sp.]<sup>1</sup> Germany<sup>2</sup>  
1847 *Delphax pallidula* Boheman, Handl. Svenska Vet. Akad. **1847**: Finland<sup>3</sup>  
48. [Described.]<sup>1</sup> :53, 63, 64. [Comparative note.] Scandinavia<sup>4</sup>  
1847 *Delphax raniceps* Boheman, Handl. Svenska Vet. Akad. **1847**: England<sup>5</sup>  
:52. [n. sp.]<sup>1</sup> Europe<sup>6</sup>  
1850 *Delphax ranicipitiss* [sic] Boheman, Handl. Svenska Vet. Akad. France<sup>7</sup>  
**1849**: 259. [Comparative note.] Norway<sup>8</sup>  
1850 *Delphax pallidula* Schaum, Allg. Encykl. Ersch und Gruber **51**: Poland<sup>9</sup>  
69. [Listed.]<sup>1</sup> Livonia<sup>10</sup>  
1850 *Delphax raniceps* Schaum, Allg. Encykl. Ersch und Gruber **51**: Austria<sup>11</sup>  
69. [Listed.]<sup>1</sup> Belgium<sup>12</sup>  
1850 *Delphax pallidula* Boheman, Handl. Svenska Vet. Akad. **1849**: Czechoslovakia<sup>13</sup>  
257. [Listed.]<sup>1</sup>  
1850 *Delphax raniceps* Boheman, Handl. Svenska Vet. Akad. **1849**: British Isles<sup>14</sup>  
259. [Listed.]<sup>1</sup> Hungary<sup>15</sup>  
1851 *Delphax pallidula* Walker, List Homop. British Mus. **2**: 357. Yugoslavia<sup>16</sup>  
[Listed.]<sup>1</sup> Russia<sup>17</sup>  
1851 *Delphax raniceps* Walker, List Homop. British Mus. **2**: 358. Turkestan<sup>18</sup>  
[Listed.]<sup>1</sup> Central  
1854 *Delphax pallidula* Stål, Öfv. Svenska Vet. Akad. Förh. **11**: 191. Europe<sup>19</sup>  
[Described.]<sup>1</sup> Denmark<sup>20</sup>  
1854 *Delphax raniceps* Stål, Öfv. Svenska Vet. Akad. Förh. **11**: 197.  
[Described.]<sup>1</sup>  
1859 *Delphax pallidula* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup>  
1859 *Delphax raniceps* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup>  
1861 *Delphax pallidula* Flor, Rhynch. Livlands **2**: 44. [Described.]<sup>1</sup> :31. [Key.] :29.  
[Note.] :42, 43. [Comparative note.]  
1865 *Delphax pallidulus* Marshall, Ent. Monthly Mag. **1**: 226. [Listed.]<sup>5</sup>  
1868 *Delphax pallidula* Kirschbaum, Cicad. Wiesbaden :25. [Key.]<sup>2</sup>  
1870 *Delphax pallidulus* [sic] Scott, Ent. Monthly Mag. **7**: 68. [Comparative note.]  
1871 *Stenocarenus* [sic] *pallidulus* Sahlberg, Not. Fennica [n. s.] **9** (12): 56. [Listed.]<sup>1,3</sup> :38.  
[Ecology.] :489. [Listed.]

*Kelisia*

- 1871 *Delphax raniceps* Sahlberg, Not. Fennica [n. s.] 9 (12) :420. [Listed.]
- 1871 *Stenocarenum* si[c] [*Kelisia*] *pallidulus* Sahlberg, Not. Fennica [n. s.] 9 (12) :418. [Described.]<sup>4</sup> Equals *Delphax pallidulus* Boh.
- 1871 *Liburnia pallidula* Scott, Ent. Monthly Mag. 7: 193. [Described.]<sup>5</sup> Equals *Delphax pallidula* Boh.
- 1872 *Kelisia pallidula* Fieber, Verh. Zool. Bot. Ges. Wien 22: 29. [Note.]
- 1872 *Kelisia pallidula* Fieber, Kat. Europäischen Cicad. :5. [Listed.]<sup>6</sup> Equals *Kelisia punctulum* Kb. [error.]
- 1872 *Kelisia pallidula* Fieber, Verh. Zool. Bot. Ges. Wien. 22: 28. Equals *Delphax punctulum* Kb. [error.]
- 1874 *Kelisia pallidula* Letheirry, Cat. Hémipt. Dept. du Nord Second Ed. :257 (53) [Listed.]<sup>7</sup>
- 1874 *Stenocarenum* [sic] *pallidulus* Siebke, Enumeratio Insectorum Norvegorum 1: 40. [Listed.]<sup>8</sup>
- 1874 *Delphax pallidula* Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 82. [Listed.]<sup>2</sup>
- 1875 *Kelisia pallidula* Puton, Cat. Hémipt. d'Europe 2 Ed. :118. [Listed.]<sup>2,4,7,14</sup> Equals *Kelisia punctulum* Kirschb. [error.]
- 1875 *Stenocarenum* [sic] *pallidulus* Reuter, Ann. Soc. Ent. France (5) 5: 233, 234. [Polymorphism.]
- 1876 *Liburnia pallidula* Douglas and Scott, Cat. British Hemip. :67. [Listed.]<sup>14</sup> Equals *Delphax punctulum* Kirschb. [error.] Equals *Delphax pallidula* Boh.
- 1878 *Kelisia pallidula* Fieber, Cicad. d'Europe Pt. 3: 286 (17). [Described.]<sup>1,5,10</sup> Equals *Liburnia pallidula* Scott. Equals *Delphax punctulum* Kirschb. [error.] Equals *Delphax pallidula* Boh.
- 1880 *Stenocarenum* [sic] *pallidulus* Reuter, Medd. Soc. Fauna Fl. Fennica 5: 196. [Listed.]<sup>3</sup> Equals *Delphax raniceps* Boh.
- 1880 *Kelisia pallidula* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 54. [Listed.]<sup>7</sup>
- 1882 *Kelisia pallidula* Ferrari, Cicad. Agri Ligustici :89 (17). [Key.]
- 1884 *Kelisia pallidula* Mayr, Tabellen :19. [Listed.]<sup>2,6,7</sup>
- 1885 *Kelisia pallidula* Ivanoff, Liste des Cigales :89. (7). [Listed.] :113 (31) [Key.]
- 1886 *Liburnia pallidula* Edwards, Syn. British Homop.-Cicadina Pt. 1: 65. Equals *Delphax pallidula* Boh. Equals *Stenocarenum* [sic] *pallidulus* Sahlb. Equals *Kelisia pallidula* Fieb.
- 1886 *Kelisia pallidula* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :72. [Listed.]<sup>2,4,7,11,14</sup> Equals *Kelisia punctulum* Kirschb. [error.] Equals *Kelisia raniceps* Boh.
- 1886 *Kelisia pallidula* Then, Kat. Österreichischen Cicad. 1886: 13. [Listed.]<sup>6,11</sup>
- 1888 *Liburnia pallidula* Edwards, Ent. Monthly Mag. 24: 197; Fig. e. [Described, illustrated.]<sup>5</sup>
- 1889 *Liburnia pallidula* Edwards, Trans. Nat. Soc. Norwich 4: 705. [Listed.]<sup>2</sup>
- 1890 *Liburnia pallidula* Buckton, Mon. British Cicadae 2: 42; Pl. 13, Figs. 7-10. [Described, illustrated.]<sup>14</sup> Equals *Delphax pallidula* Boh. Equals *Stenocarenum* [sic] *pallidulus* Sahlb. Equals *Kelisia pallidula* Fieb. Equals *Delphax punctulum* Kirschb. [error.]
- 1890 *Liburnia pallidula* Saunders and Edwards, Cat. British Hemiptera 1890: 11. [Listed.]<sup>14</sup>
- 1890 *Liburnia pallidula* Buckton, Mon. British Cicadae 3: 65, 66. [Synopsis.]
- 1891 *Kelisia pallidula* Oshanin, Mém. Sect. caucasienne Soc. russe Geogr. 23 (1) :48, 81. [Listed.]<sup>17</sup>
- 1892 *Stenocranus* (*Kelixa*) [sic] *pallidula* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>12</sup>
- 1892 *Kelisia pallidula* Duda, Cat. Ins. Faunae Bohemicae :28. [Listed.]<sup>13</sup> Equals *Kelisia punctulum* Kirschb. [error.] Equals *Kelisia raniceps* Boh.
- 1894 *Liburnia pallidula* Edwards, Hemip.-Homop. British Islands Pt. 2: 42; Pl. V, Fig. 4. [Described, illustrated.]<sup>14</sup>
- 1894 *Liburnia* (*Kelisia*) *pallidula* Edwards, Hemip.-Homop. British Islands Pt. 2: 33. [Key.]

- 1896 *Kelisia pallidula* Melichar, Cicad. Mittel-Europa :59. [Described.]<sup>2,6,9</sup> Equals *Delphax pallidula* Boh. Equals *Liburnia pallidula* Scott. Equals *Stenocranus pallidula* Sahlb. Equals *Delphax punctatum* Kirschb. :58. [Key.]
- 1897 *Kelisia pallidula* Horváth, Fauna Regni Hungariae :56. [Listed.]<sup>15</sup>
- 1897 *Kelisia pallidulae* [sic] Horváth, Term. Füzetek 20: 621. [Comparative note.]
- 1898 *Kelisia pallidula* Dubois, Mém. Soc. Linn. Nord France 9: 234. [Listed.]<sup>7</sup>
- 1899 *Kelisia pallidula* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :106. [Listed.]<sup>2,3,4,7,11,14</sup> Equals *Kelisia punctulum* Kirschb. [error.] Equals *Kelisia raniceps* Boh.
- 1902 *Kelisia pallidula* Ball, Canadian Ent. 34: 264. [Comparative Note.]
- 1902 *Delphax raniceps* Matsumura, Allg. Zeits. Ent. 7: 45. To *Jassidaeus lugubris* Sign. [error.]
- 1903 *Kelisia pallidula* Horváth, Ann. Mus. Nat. Hungarici 1: 27. [Listed.]<sup>16</sup>
- 1904 *Kelisia pallidula* Hüeber, Syst. Verz. deutschen Zikadinen :268. [Listed.]<sup>2</sup> Equals *Kelisia punctulum* Kirschb. [error.] Equals *Kelisia raniceps* Boh.
- 1907 *Kelisia pallidula* Oshanin, Verz. Palaeark. Hemip. 2 (2) :303. [Listed.]<sup>1,2,3,7,10,11,14,15,17,18</sup> Equals *Delphax raniceps* Boh. Equals *Liburnia pallidula* Scott. Equals *Stenocarenus* [sic] *pallidulus* Sahlb. Equals *Delphax pallidula* Boh.
- 1907 *Kelisia pallidula* Oshanin, Cat. Homop. St. Pétersbourg 1907: 244 (32). [Listed.]<sup>17</sup>
- 1908 *Kelisia pallidula* Saunders and Edwards, Cat. British Hemiptera 1908: 14. [Listed.]<sup>14</sup>
- 1908 *Kelisia pallidula* Oshanin, Verz. Palaeark. Hemip. 2(3): 452. [Listed.]<sup>17</sup>
- 1909 *Kelisia pallidula* Edwards, Trans. Nat. Soc. Norwich 8: 843. [Listed.]<sup>5</sup> Equals *Liburnia pallidula* Boh.
- 1912 *Kelisia pallidula* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>18,19</sup> Equals *Kelisia raniceps* Boh.
- 1915 *Kelisia pallidula* Jacobsen, Ent. Medd. 10: 319. [Listed.]<sup>20</sup>
- 1915 *Kelisia pallidula* Jensen-Haarup, Flora och Fauna 1915: 104. [Described.]<sup>20</sup> :103. [Key.]
- 1920 *Kelisia pallidula* Tullgren and Wahlgren, Svenska Insekter 1920 :152. [Notes.]<sup>1</sup>
- 1920 *Kelisia pallidula* Jensen-Haarup, Danmarks Fauna :40. [Described, key.]<sup>6,18,20</sup>
- 1922 *Kelisia pallidula* Stichel, Int. Ent. Zeits. 16: 133. [Listed.]<sup>2</sup>
- 1924 *Kelisia pallidula* Lindberg, Acta Soc. Fauna Flora Fennica 56: 45. [Listed.]<sup>3</sup>
- 1927 *Kelisia pallidula* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 142. [Listed.]<sup>7</sup>
- 1928 *Kelisia pallidula* Ivanov, Mém. Acad. Sci. Ukraine 6: 197. [Listed.]<sup>17</sup>
- 1928 *Kelisia pallidula* Ivanov, Trav. Mus. Zool. 1928: 501. [Listed.]<sup>17</sup>
- 1929 *Delphax pallidula* Sherborn, Index Animalium 19: 4699. [Listed.]
- 1930 *Delphax raniceps* Sherborn, Index Animalium 22: 5428. [Listed.]
- 1934 *Kelisia pallidula* Ribaut, Bull. Soc. Hist. Nat. Toulouse 66: 291 (11); Fig. 57. [Key, illustrated.] :299 (19), 300 (20). [Comparative notes.]
- 1935 *Kelisia pallidula* Haupt, Tierwelt Mitteleuropas 4 (3) :133. [Key.]<sup>6,18</sup>
- 1935 *Kelisia pallidula* Karl, Dohrniana 14: 140. [Listed.]<sup>2</sup>
- 1935 *Kelisia pallidula* Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 5. [Listed.]<sup>2</sup>
- 1937 *Kelisia pallidula* Kuntze, Arch. Nat. [n. f.] 6: 307, 330, 333, 350, 354. [Ecology.]<sup>2</sup>
- pallidula* Edwards [nec Boheman]. See *Kelisia punctulum* Kirschbaum.
- pallidula* Marshall [nec Boheman]. See *Kelisia scotti* Scott.
- paludum* Kirkaldy. See *Liburnia paludum* Kirkaldy.

**pannonica** Matsumura

- 1910 *Kelisia pannonica* Matsumura, Jour. Coll. Sci. Tokyo 27: 29. [n. sp.]<sup>1,2</sup> Hungary<sup>1</sup>  
Germany<sup>2</sup>
- 1912 *Kelisia pannonica* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>1,2</sup>

**parvula** Ball

- 1902 *Kelisia parvula* Ball, Canadian Ent. 34: 264. [n. sp.]<sup>1,2</sup> Kansas<sup>1</sup>



*Kelisia*

- 1904 *Kelisia parvula* Swezey, Prelim. Cat. Fulgoridae North America Iowa<sup>2</sup>  
1904 :33. [Listed.]<sup>1,2</sup> Florida<sup>3</sup>
- 1914 *Kelisia parvula* Barber, Bull. American Mus. Nat. Hist. **33**: 528. Southern  
[Listed.]<sup>3</sup> States<sup>4</sup>
- 1914 *Megamelus parvulus* Crawford, Mon. Delphacidae :631. Maryland<sup>5</sup>  
[Listed.]<sup>1,2,5</sup> Equals *Kelisia parvula* Ball. :605. [Key.]
- 1916 *Kelisia parvula* Van Duzee, Check List Hemip. America :83. [Listed.]<sup>4</sup>
- 1917 *Kelisia parvula* Van Duzee, Cat. Hemip. America :764. [Listed.]<sup>1,2,3</sup>
- 1921 *Kelisia parvula* Osborn, Florida Ent. **5**: 18. [Listed.]<sup>3</sup>
- 1923 *Kelisia parvula* Metcalf, Jour. Elisha Mitchell Soc. **38**: 169; Pl. 60, Fig. 424; Pl. 69,  
Fig. 660. [Key, illustrated.]

**pascuorum** Ribaut

- 1934 *Kelisia pascuorum* Ribaut, Bull. Soc. Hist. Nat. Toulouse **66**: France<sup>1</sup>  
294 (14); Figs. 43–45. [n. sp., illustrated.]<sup>1</sup> :292 (12). [Key.] Sweden<sup>2</sup>
- 1935 *Kelisia pascuorum* Wagner, Verh. Ver. Naturw. Heimatforsch- Germany<sup>3</sup>  
ung. **24**: 5. [Listed.]<sup>3</sup>
- 1937 *Kelisia pascuorum* Kuntze, Arch. Nat. [n. f.] **6**: 333, 349, 350, 354. [Ecology.]<sup>3</sup>
- 1937 *Kelisia pascuorum* Ossiannilsson, Opuscula Entomologica. Lund **2**: 26. [Notes.]<sup>2</sup>
- 1938 *Kelisia pascuorum* Wagner, Bombus **4**: 12. To *Kelisia guttula* Germ. [error.]

**pascuorum** var. **sima** Ribaut

- 1934 *Kelisia pascuorum sima* Ribaut, Bull. Soc. Hist. Nat. Toulouse France<sup>1</sup>  
**66**: 296 (16); Fig. 46. [n. var., illustrated.]<sup>1</sup>

**perrieri** Ribaut

- 1934 *Kelisia perrieri* Ribaut, Bull. Soc. Hist. Nat. Toulouse France<sup>1</sup>  
(16); Figs. 48–50. [n. sp., illustrated.]<sup>1</sup> :292 (12). [Key.] :298 (18),  
299 (19). [Comparative notes.]

**perspicillata** Boheman

- 1845 *Delphax perspicillata* Boheman, Öfv. Svenska Vet. Akad. Förh. Sweden<sup>1</sup>  
**1845**: 164. [n. sp.] Skandinavia<sup>2</sup>
- 1845 *Delphax perspicillata* Boheman, Handl. Svenska Vet. Akad. Europe<sup>3</sup>  
**1845**: 62. [Described.]<sup>1</sup> England<sup>4</sup>
- 1847 *Delphax perspicillata* Boheman, Handl. Svenska Vet. Akad. Scotland<sup>5</sup>  
**1847**: 49, 51, 66, 67. [Comparative note.] Austria<sup>6</sup>
- 1850 *Delphax perspicillata* Boheman, Handl. Svenska Vet. Akad. Switzerland<sup>7</sup>  
**1849**: 259. [Listed.]<sup>1</sup> France<sup>8</sup>
- 1850 *Delphax perspicillata* Schaum, Allg. Encykl. Ersch und Gruber Germany<sup>9</sup>  
**51**: 69. [Listed.]<sup>1</sup> Czechoslovakia<sup>10</sup>
- 1851 *Delphax perspicillata* Walker, List Homop. British Mus. **2**: 356.  
[Listed.]<sup>1</sup> Belgium<sup>11</sup>
- 1854 *Delphax perspicillata* Stål, Öfv. Svenska Vet. Akad. Förh. **11**: British Isles<sup>12</sup>  
191. [Described.]<sup>1</sup> Hungary<sup>13</sup>
- 1859 *Delphax perspicillata* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup> Italy<sup>14</sup>
- 1866 *Kelisia perspicillata* Fieber, Verh. Zool. Bot. Ges. Wien **16**: 532. Romania<sup>15</sup>  
[Listed.]<sup>1</sup> Siberia<sup>16</sup>
- 1868 *Delphax perspicillata* Kirschbaum, Cicad. Wiesbaden :31. [Key.]<sup>9</sup> Central  
:19, 25. [Comparative note.] Europe<sup>17</sup>
- 1871 *Stenocaremus* [sic] (*Kelisia*) *perspicillatus* Sahlberg, Not. Fennica Denmark<sup>18</sup>  
[n. s.] **9** (12) :419. [Described.]<sup>2</sup> Equals *Delphax perspicillatus* Turkestan<sup>19</sup>  
Boh.
- 1871 *Stenocaremus* [sic] *perspicillatus* Sahlberg, Not. Fennica [n. s.] **9** (12) :56. [Listed.]<sup>1</sup>  
:28, 31. [Ecology.]

- 1872 *Kelisia perspicillata* Fieber, Verh. Zool. Bot. Ges. Wien **22**: 29. [Note.] Equals *Delphax perspicillata* Boh.
- 1872 *Kelisia perspicillata* Fieber, Kat. Europäischen Cicad. :5. [Listed.]<sup>3</sup>
- 1874 *Liburnia perspicillata* Scott, Ent. Monthly Mag. **10**: 270. [Described.]<sup>4</sup> Equals *Delphax perspicillata* Boh. Equals *Kelisia perspicillata* Fieb.
- 1875 *Kelisia perspicillata* Puton, Cat. Hémip. d'Europe 2 Ed.: 118. [Listed.]<sup>3</sup>
- 1875 *Kelisia perspicillata* Fieber, Rev. Mag. Zool. (3) **3**: 370 (83). [Note.]
- 1876 *Liburnia perspicillata* Douglas and Scott, Cat. British Hemip. :67. [Listed.]<sup>12</sup> Equals *Delphax perspicillata* Boh.
- 1878 *Kelisia perspicillata* Fieber, Cicad. d'Europe Pt. **3**: 288 (19). [Described.]<sup>1,6,7</sup> Equals *Delphax perspicillata* Boh.
- 1880 *Kelisia perspicillata* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar **21**: 54. [Listed.]<sup>8</sup>
- 1880 *Liburnia perspicillata* Norman, Ent. Monthly Mag. **16**: 213. [Listed.]<sup>20</sup>
- 1881 *Kelisia perspicillata* Mayr, Ber. Natur.-Med. Ver. Innsbruck **10**: 86 (10). [Listed.]<sup>6</sup>
- 1884 *Kelisia perspicillata* Mayr, Tabellen :19. [Listed.]<sup>6,7,8,9</sup>
- 1886 *Kelisia perspicillata* Then, Kat. Österreichischen Cicad. **1886**: 13. [Listed.]<sup>6</sup>
- 1886 *Kelisia perspicillata* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :72. [Listed.]<sup>3</sup>
- 1886 *Liburnia perspicillata* Edwards, Syn. British Homop.-Cicadine Pt. **1**: 64. [Described.]<sup>12</sup> Equals *Delphax perspicillata* Boh. Equals *Stenocarenus* [sic] *perspicillatus* Sahlb. Equals *Kelisia perspicillata* Fieb. :58. [Key.]
- 1890 *Liburnia perspicillata* Saunders and Edwards, Cat. British Hemiptera. **1890**: 11. [Listed.]<sup>12</sup>
- 1890 *Liburnia perspicillata* Buckton, Mon. British Cicadae **2**: 64. [Listed.]<sup>12</sup>
- 1890 *Kelisia perspicillata* Funk, Ber. Nat. Ges. Bemberg **15**: 140. [Listed.]<sup>9</sup>
- 1892 *Stenocranus* (*Kelixa*) [sic] *perspicillata* Coubeaux, Ann. Soc. Ent. Belgique **36**: 34 (1), [Listed.]<sup>11</sup>
- 1892 *Kelisia perspicillata* Duda, Cat. Ins. Faunae Bohemicae :28. [Listed.]<sup>10</sup>
- 1894 *Liburnia perspicillata* Edwards, Hemip.-Homop. British Islands Pt. **2**: 42; Pl. V, Fig. 3. [Described, illustrated.]<sup>12</sup>
- 1894 *Liburnia* (*Kelisia*) *perspicillata* Edwards, Hemip.-Homop. British Islands Pt. **2**: 33. [Key.]
- 1896 *Kelisia perspicillata* Melichar, Cicad. Mittel-Europa :60. [Described.]<sup>6,9</sup> Equals *Delphax perspicillata* Boh. Equals *Liburnia perspicillata* Scott. Equals *Stenocranus perspicillata* Sahlb. :58. [Key.]
- 1897 *Kelisia perspicillata* Horváth, Term. Füzetek **20**: 621. [Comparative note.]
- 1897 *Kelisia perspicillata* Horváth, Fauna Regni Hungariae :56. [Listed.]<sup>13</sup>
- 1899 *Kelisia perspicillata* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :106. [Listed.]<sup>3</sup>
- 1901 *Kelisia perspicillata* Horváth, Zool. Erg. Zichy :256. [Listed.]<sup>16</sup>
- 1903 *Kelisia perspicillata* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste **21**: 61 (21). [Listed.]<sup>14</sup>
- 1904 *Kelisia perspicillata* Hüeber, Syst. Verz. deutschen Zikadinen :268. [Listed.]<sup>9</sup>
- 1907 *Kelisia perspicillata* Oshanin, Verz. Palaeark. Hemip. **2**(2): 304. [Listed.]<sup>1,6,8,9,12,13,15,16</sup> Equals *Delphax perspicillata* Boh. Equals *Stenocarenus* [sic] *perspicillata* Sahlb. Equals *Liburnia perspicillata* Scott.
- 1908 *Kelisia perspicillata* Saunders and Edwards, Cat. British Hemiptera **1908**: 14. [Listed.]<sup>12</sup>
- 1912 *Kelisia perspicillata* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>16,17</sup>
- 1913 *Kelisia perspicillata* Dalla Torre, Ent. Jahrb. **22**: 149. [Listed.]<sup>6</sup>
- 1915 *Kelisia perspicillata* Jacobsen, Ent. Medd. **10**: 319. [Listed.]<sup>13</sup>
- 1915 *Kelisia perspicillata* Jensen-Haarup, Flora och Fauna **1915**: 103. [Key.]
- 1920 *Kelisia perspicillata* Jensen-Haarup, Danmarks Fauna :42. [Described.]<sup>2,16,17,18</sup> :40. [Key.]
- 1920 *Kelisia perspicillata* Tullgren and Wahlgren, Svenska Insekter **1920**: 152. [Notes.]<sup>1</sup>
- 1929 *Kelisia perspicillata* Kusnezov, Wien. Ent. Zeit. **46**: 157. [Listed.]<sup>16,19</sup>
- 1929 *Delphax perspicillata* Sherborn, Index Animalium **19**: 4872. [Listed.]

*Kelisia*

- 1934 *Kelisia perspicillata* Ribaut, Bull. Soc. Hist. Nat. Toulouse **66**: 293 (13). [Key.] :296 (16). [Comparative note.]  
 1935 *Kelisia guttula* Haupt, Tierwelt Mitteleuropas **4** (3) :132; Fig. 211. [Key, illustrated.]<sup>11</sup> Equals *Kelisia perspicillata* Boh. [error.]  
 1935 *Kelisia perspicillata* Wagner, Verh. Ver. Naturw. Heimatforschung. **24**: 5. [Listed.]<sup>9</sup>  
 1937 *Kelisia perspicillata* Kuntze, Arch. Nat. [n. f.] **6**: 338, 339, 350, 354. [Ecology.]<sup>9</sup>  
 1938 *Kelisia perspicillata* Wagner, Bombus **4**: 12. Equals *Kelisia guttula* Haupt (nec Germ.)

**praecox** Haupt

- 1935 *Kelisia praecox* Haupt, Tierwelt Mitteleuropas **4** (3) :133. [n. Central Europe]<sup>1</sup>  
 sp.]<sup>1</sup>

**punctulum** Kirschbaum

- 1868 *Delphax punctulum* Kirschbaum, Cicad. Wiesbaden :25. [n. sp.]<sup>1</sup> Germany<sup>1</sup>  
 1872 *Kelisia punctulum* Fieber, Kat. Europäischen Cicad. :5. To France<sup>2</sup>  
*Kelisia pallidula* Boh. [error.] British Isles<sup>3</sup>  
 1872 *Delphax punctulum* Fieber, Verh. Zool. Bot. Ges. Wien **22**: 28. Russia<sup>4</sup>  
 To *Kelisia pallidula* Boh. [error.] England<sup>5</sup>  
 1875 *Kelisia punctulum* Puton, Cat. Hémip. d'Europe 2Ed :118. To  
*Kelisia pallidula* Boh. [error.]  
 1876 *Delphax punctulum* Douglas and Scott, Cat. British Hemip. :67. To *Liburnia pal-*  
*lidula* Boh. [error.]  
 1878 *Delphax punctulum* Fieber, Cicad. d'Europe Pt. 3: 286 (17). To *Kelisia pallidula*  
 Boh. [error.]  
 1886 *Kelisia punctulum* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :72. To *Kelisia*  
*pallidula* Boh. [error.]  
 1886 *Liburnia pallidula* [nec Boheman] Edwards, Syn. British Homop.-Cicadina Pt. 1:  
 65. [Described.]<sup>3</sup> Equals *Delphax punctulum* Kirschb. :58. [Key.]  
 1888 *Liburnia punctulum* Edwards, Ent. Monthly Mag. **24**: 197; Fig. d. [Described,  
 illustrated.]<sup>5</sup> Equals *Liburnia pallidula* Edw. [nec Boh.]  
 1890 *Liburnia punctulum* Saunders and Edwards, Cat. British Hemiptera **1890**: 11.  
 [Listed.]<sup>3</sup>  
 1890 *Liburnia pallidula punctulum* Buckton, Mon. British Cicadae **2**: 43. [Comparative  
 note.] Equals *Delphax punctulum* Kirschb.  
 1890 *Delphax punctulum* Buckton, Mon. British Cicadae **2**: 42. To *Liburnia pallidula*  
 Boh. [error.]  
 1892 *Kelisia punctulum* Duda, Cat. Ins. Faunae Bohemicae :28. To *Kelisia pallidula*  
 Boh. [error.]  
 1894 *Liburnia punctulum* Edwards, Hemip.-Homop. British Islands Pt. **2**: 43; Pl. V,  
 Fig. 4a. [Described, illustrated.]<sup>3</sup> Equals *Liburnia pallidula* Scott [nec Boh.]  
 1894 *Liburnia (Kelisia) punctulum* Edwards, Hemip.-Homop. British Islands Pt. **2**: 33.  
 [Key.]  
 1889 *Liburnia punctulum* Edwards, Trans. Nat. Soc. Norwich **4**: 705. [Listed.]<sup>5</sup>  
 1899 *Kelisia punctulum* Puton, Cat. Hémip. Faune Paléarctique 4 Ed.: 106. To *Kelisia*  
*pallidula* Boh. [error.]  
 1904 *Kelisia punctulum* Hüeber, Syst. Verz. deutschen Zikadinen :268. To *Kelisia pal-*  
*lidula* Boh. [error.]  
 1907 *Kelisia punctulum* Oshanin, Verz. Palaeark. Hemip. **2** (2): 303. [Listed.]<sup>1,3</sup> Equals  
*Delphax punctulum* Kirschb. Equals *Liburnia punctulum* Edw. Equals *Liburnia pal-*  
*lidula* Edw. [nec. Boh.]  
 1907 *Kelisia punctulum* Oshanin, Cat. Homop. St. Pétersbourg **1907**: 244 (32). [Listed.]<sup>4</sup>  
 1908 *Kelisia punctulum* Saunders and Edwards, Cat. British Hemiptera **1908**: 14. [Listed.]<sup>3</sup>  
 1908 *Kelisia punctulum* Oshanin, Verz. Palaeark. Hemip. **2** (3): 452. [Listed.]<sup>4</sup>  
 1912 *Kelisia punctulum* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>1,4,5</sup> Equals *Kelisia*  
*pallidula* Edw. [nec. Boh.]

- 1928 *Kelisia punctulum* Ribaut, Bull. Soc. Hist. Nat. Toulouse 57: 175 (5). [Notes.]<sup>2</sup>  
 1934 *Kelisia punctulum* Ribaut, Bull. Soc. Hist. Nat. Toulouse 66: 292 (12). [Key.]  
 1935 *Kelisia punctulum* Haupt, Tierwelt Mitteleuropas 4 (3) :133. [Comparative note.]  
 1935 *Kelisia punctulum* Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 5. [Listed.]<sup>1</sup>  
 1937 *Kelisia punctulum* Kuntze, Arch. Nat. [n. f.] 6: 344, 354. [Ecology.]<sup>1</sup>

**putoni** Costa

- 1886 *Kelisia putoni* Puton, Cat. Hémp. Faune Paléarctique 3 Ed. :72. Sardinia<sup>1</sup>  
 [Listed.]<sup>1</sup> [nom. nud.]  
 1888 *Kelisia putoni* Costa, Atti. Acc. Sci. Napoli (2) 1 (9) :59. [n. sp.]<sup>1</sup> :39. [Listed.]<sup>1</sup>  
 1899 *Kelisia putoni* Puton, Cat. Hémp. Faune Paléarctique 4 Ed. :107. [Listed.]<sup>1</sup>  
 1907 *Kelisia putoni* Oshanin, Verz. Palaeark. Hemip. 2(2) : 305. [Listed.]<sup>1</sup>  
 1912 *Kelisia putoni* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>1</sup>

*quadrimaculata* Kuntze (var.). See *Kelisia fasciata* var. *quadrimaculata* Kuntze.

*raniceps* Boheman. See *Kelisia pallidula* Boheman.

**rezendensis** Muir

- 1926 *Kelisia rezendensis* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 21; Brazil<sup>1</sup>  
 Pl. 3, Figs. 52, 53. [n. sp., illustrated.]<sup>1</sup>

**ribauti** Wagner

- 1934 *Kelisia guttula* [nec Germar] Ribaut, Bull. Soc. Hist. Nat. Toulouse 66: 292 (12); Figs. 41, 42. [Key, illustrated.] :292 (12), 293 (13), 294 (14), 298 (18), 299 (19), 300 (20). [Comparative notes.] Locality Unknown  
 1938 *Kelisia ribauti* Wagner, Bombus 4: 12. Nom. nov. for *Kelisia guttula* Rib. [nec Germ.]

**salina** Ball

- 1902 *Kelisia salina* Ball, Canadian Ent. 34: 264. [n. sp.]<sup>1</sup> Colorado<sup>1</sup>  
 1904 *Kelisia salina* Swezey, Prelim. Cat. Fulgoridae North America Rocky Mountains<sup>2</sup>  
 1904: 33. [Listed.]<sup>1</sup>  
 1914 *Megamelus salina* Crawford, Mon. Delphacidae :631. [Listed.]<sup>1</sup>  
 Equals *Kelisia salina* Ball. :605. [Key.]  
 1916 *Kelisia salina* Van Duzee, Check List Hemip. America: 83. [Listed.]<sup>2</sup>  
 1917 *Kelisia salina* Van Duzee, Cat. Hemip. America :764. [Listed.]<sup>1</sup>

*scotti* Scott. See *Kelisia fasciata* var. *scotti* Scott.

*scotti* var. *fasciata* Kirschbaum. See *Kelisia fasciata* Kirschbaum.

*scotti* var. *nigricollis* Kuntze. See *Kelisia fasciata* var. *nigricollis* Kuntze.

*scotti* var. *quadrimaculata* Kuntze. See *Kelisia fasciata* var. *quadrimaculata* Kuntze.

*sima* Ribaut (var.). See *Kelisia pascuorum* var. *sima* Ribaut.

**snelli** Muir

- 1925 *Kelisia snelli* Muir, Trans. Ent. Soc. London 1924: 467; Pl. 46, Rodriguez Island<sup>1</sup>  
 Figs. 4a, 4b. [n. sp., illustrated.]<sup>1</sup>  
 1929 *Kelisia snelli* Muir, Ann. Mag. Nat. Hist. (10) 4: 202. [Comparative note.] (Indian Ocean)

*sporoboli*. Typographical error for *Kelisia sporobolicola* Kirkaldy.

**sporobolicola** Kirkaldy

- 1910 *Kelisia sporobolicola* Kirkaldy, Fauna Hawaiiensis Suppl. :578. Hawaii<sup>1</sup>  
 [n. sp.]<sup>1,3</sup> (Hawaiian  
 1910 *Kelisia sporoboli* [sic] Kirkaldy, Fauna Hawaiiensis Suppl. :579. Islands)  
 [Comparative note.] Kauai<sup>2</sup>



*Kelisia*

- 1916 *Kelisia sporobolicola* Muir, Proc. Hawaiian Ent. Soc. **3**: 198. (Hawaiian  
[Notes.] Islands)
- 1917 *Kelisia sporobolicola* Giffard, Proc. Hawaiian Ent. Soc. **3**: 345. Oahu<sup>3</sup>  
[Food plants.]<sup>1</sup> (Hawaiian
- 1917 *Kelisia sporobolicola* Muir, Proc. Hawaiian Ent. Soc. **3**: 310; Pl. 5, Figs. 21, 21a. [Described, illustrated.]<sup>1</sup> :298. [Listed.] Maui<sup>4</sup>  
Islands)
- 1919 *Kelisia sporobolicola* Muir, Proc. Hawaiian Ent. Soc. **4**: 86; Pl. IV, Fig. 13. [Notes, illustrated.]<sup>3,4</sup> (Hawaiian  
Islands)
- 1921 *Kelisia sporobolicola* Muir, Proc. Hawaiian Ent. Soc. **4**: 509. Hawaiian  
[Food plants, comparative note.]<sup>2,4</sup> Islands<sup>5</sup>
- 1921 *Kelisia sporobolicola* Swezey, Proc. Hawaiian Ent. Soc. **4**: 522. [Listed.]<sup>2</sup>
- 1922 *Kelisia sporobolicola* Giffard, Proc. Hawaiian Ent. Soc. **5**: 109. [Listed.]<sup>1,2,3,4</sup> :115. [Food plants.]<sup>5</sup>

*sporobolicola* var. *immaculata* Muir

- 1921 *Kelisia sporobolicola immaculata* Muir, Proc. Hawaiian Ent. Soc. **4**: 509. [var. n.]<sup>1</sup> Hawaii<sup>1</sup>  
(Hawaiian
- 1922 *Kelisia sporobolicola immaculata* Giffard, Proc. Hawaiian Ent. Soc. **5**: 109. [Listed.]<sup>1</sup> :116. [Food plants.]<sup>2</sup> Islands)  
Hawaiian  
Islands<sup>2</sup>

*sulcata* Ribaut

- 1934 *Kelisia sulcata* Ribaut, Bull. Soc. Hist. Nat. Toulouse **66**: 298 France<sup>1</sup>  
(18); Figs. 52-54. [n. sp., illustrated.]<sup>1</sup> :293 (13). [Key.]

*swezeyi* Kirkaldy

- 1910 *Kelisia swezeyi* Kirkaldy, Fauna Hawaiiensis Suppl. 578 [n. sp.]<sup>3</sup> Hawaii<sup>1</sup>
- 1916 *Kelisia swezeyi* Muir, Proc. Hawaiian Ent. Soc. **3**: 198. [Notes.] (Hawaiian
- 1917 *Kelisia swezeyi* Muir, Proc. Hawaiian Ent. Soc. **3**: 310; Pl. 5, Figs. 20, 20a. [Described, illustrated.]<sup>3</sup> :298. [Listed.] Kauai<sup>2</sup>  
Islands)
- 1917 *Kelisia swezeyi* Giffard, Proc. Hawaiian Ent. Soc. **3**: 345. [Food (Hawaiian  
plants.)<sup>1</sup> Islands)
- 1919 *Kelisia swezeyi* Muir, Proc. Hawaiian Ent. Soc. **4**: 86. [Com- Oahu<sup>3</sup>  
parative note.] (Hawaiian
- 1921 *Kelisia swezeyi* Swezey, Proc. Hawaiian Ent. Soc. **4**: 522, 523. Islands)  
[Listed.]<sup>2</sup>
- 1921 *Kelisia swezeyi* Muir, Proc. Hawaiian Ent. Soc. **4**: 509. [Food plants, comparative notes.]<sup>2</sup>
- 1922 *Kelisia swezeyi* Giffard, Proc. Hawaiian Ent. Soc. **5**: 109. [Listed.]<sup>2,3</sup> :116. [Food plants.]<sup>4</sup>
- 1922 *Kelisia swezeyi* Muir, Proc. Hawaiian Ent. Soc. **5**: 102. [Food plants.]<sup>2</sup>

*tarda* Haupt

- 1935 *Kelisia tarda* Haupt, Tierwelt Mitteleuropas **4** (3) :133. [n. sp.]<sup>1</sup> Central  
Europe<sup>1</sup>

*telioptera* Fieber [nom. nud.] See *Kelisia vittipennis* Sahlberg.

*triangularis* Metcalf (var.) See *Kelisia scotti* var. *triangularis* Metcalf.

*urbana* Muir

- 1926 *Kelisia urbana* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 23; Pl. 3, Figs. 62, 63. [n. sp., illustrated.]<sup>1</sup> Brazil<sup>1</sup>

*vittipennis*. Typographical error for *Kelisia vittipennis* Sahlberg.

## vittata Muir

- 1926 *Kelisia vittata* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 21; Pl. 3, Figs. 50, 51. [n. sp., illustrated.]<sup>1</sup> Brazil<sup>4</sup>

## vittipennis Sahlberg

- 1868 *Delphax guttulifera* Kirschbaum, Cicad. Wiesbaden :25. [n. sp.]<sup>1</sup> Germany<sup>1</sup>  
:31. [Comparative note.] Finland<sup>2</sup>
- 1868 *Delphax vittipennis* Sahlberg, Not. Fennica [n. s.] **9** (9) :187. [n. sp.]<sup>2</sup> Sweden<sup>3</sup>  
Scandinavia<sup>4</sup>
- 1871 *Stenocarenum* [sic] *guttuliferus* Sahlberg, Not. Fennica [n. s.] **9** (12) :56. [Listed.]<sup>2,3</sup> :28, 30, 38. [Ecology.] Europe<sup>5</sup>  
France<sup>6</sup>
- 1871 *Stenocarenum* [sic] (*Kelisia*) *guttuliferus* Sahlberg, Not. Fennica [n. s.] **9** (12) :416. [Described.]<sup>4</sup> Equals *Delphax guttuliferus* Kirschb. Equals *Delphax vittipennis* Sahlb. Switzerland<sup>7</sup>  
Central Europe<sup>8</sup>  
Austria<sup>9</sup>
- 1872 *Kelisia vittipennis* Fieber, Kat. Europäischen Cicad. :5. [Listed.]<sup>5</sup> Ireland<sup>10</sup>  
Equals *Kelisia guttulifera* Kirschb. Equals *Kelisia telioptera* Fieb. Belgium<sup>11</sup>  
[nom. nud.] Czechoslovakia<sup>12</sup>
- 1874 *Kelisia vittipennis* Lethierry, Cat. Hémip. Dept. du Nord Second Ed. :257 (53). [Listed.]<sup>6</sup> British Isles<sup>13</sup>  
Hungary<sup>14</sup>
- 1875 *Kelisia vittipennis* Puton, Cat. Hémip. d'Europe 2 Ed. :118. [Listed.]<sup>5</sup> Equals *Kelisia guttulifera* Kirschb. Algeria<sup>15</sup>  
Russia<sup>16</sup>
- 1878 *Kelisia vittipennis* Fieber, Cicad. d'Europe Pt. **3**: 292 (23). [Described.]<sup>1,2,7</sup> Equals *Delphax vittipennis* Sahlb. Equals *Delphax guttulifera* Kirschb. Equals *Kelisia betatelioptera* Fieb. [nom. nud.] Italy<sup>17</sup>  
Yugoslavia<sup>18</sup>  
Siberia<sup>19</sup>
- 1880 *Kelisia vittipennis* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar **21**: 54. [Listed.]<sup>6</sup> England<sup>20</sup>  
Spain<sup>21</sup>
- 1884 *Kelisia vittipennis* Mayr, Tabellen :19. [Listed.]<sup>1,6,7</sup> Batavia<sup>22</sup>
- 1885 *Liburnia guttulifera* Edwards, Ent. Monthly Mag. **22**: 133. [Described.] Denmark<sup>23</sup>  
North Africa<sup>24</sup>  
Netherlands<sup>25</sup>
- 1886 *Liburnia guttulifera* Edwards, Syn. British Homop.-Cicadina Pt. **1**: 64. [Comparative note.] Portugal<sup>26</sup>
- 1886 *Kelisia vittipennis* Löw, Becker's Hernstein Niederösterreich **3**: 497. [Listed.]<sup>9</sup> Isle of Wight<sup>27</sup>  
North Europe<sup>28</sup>
- 1886 *Kelisia vittipennis* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :72. [Listed.]<sup>5</sup> Equals *Kelisia guttulifera* Kirschb. Wales<sup>29</sup>
- 1886 *Liburnia vittipennis* Edwards, Syn. British Homop.-Cicadina Pt. **1**: 63; Pl. 2, Fig. 14. [Described, illustrated.]<sup>13</sup> Equals *Delphax vittipennis* Sahlb. Equals *Delphax guttuliferus* Kirschb. Equals *Stenocarenum* [sic] *guttuliferus* Sahlb. Equals *Kelisia vittipennis* Fieb. Equals *Liburnia guttula* Dougl. [nec Germ.] :58. [Key.]
- 1886 *Kelisia vittipennis* Then, Kat. Österreichischen Cicad. **1886**: 13. [Listed.]<sup>8,9</sup>
- 1889 *Liburnia vittipennis* Edwards, Trans. Nat. Soc. Norwich **4**: 705. [Listed.]<sup>20</sup>
- 1890 *Liburnia vittipennis* Saunders and Edwards, Cat. British Hemiptera **1890**: 11. [Listed.]<sup>13</sup>
- 1890 *Liburnia vittipennis* Buckton, Mon. British Cicadae **1**: 32; Pl. X, Figs. 1, 3, 9. [Described, illustrated.]<sup>13</sup> Equals *Delphax vittipennis* Sahlb. Equals *Delphax guttuliferus* [sic] Sahlb. Equals *Liburnia guttula* Dougl. [nec Germ.] Equals *Kelisia vittipennis* Fieb.
- 1890 *Liburnia vittipennis* Buckton, Mon. British Cicadae **2**: 38, 43. [Comparative note.]
- 1890 *Liburnia vittipennis* Buckton, Mon. British Cicadae **3**: 65, 66. [Synopsis.]
- 1891 *Kelisia vittipennis* Fokker, Cat. Nederland Hemip. :366. [Listed.]<sup>25</sup>
- 1891 *Kelisia vittipennis* Fokker, Comptes Rendu Soc. Ent. Belgique **35**: cccxli. [Listed.]<sup>11</sup>
- 1892 *Stenocranus* (*Kelixa*) [sic] *vittipennis* Coubeaux, Ann. Soc. Ent. Belgique **36**: 34 (1). [Listed.]<sup>11</sup>
- 1892 *Liburnia vittipennis* Saunders, Ent. Monthly Mag. **28**: 218. [Listed.]<sup>20</sup>
- 1892 *Kelisia vittipennis* Spitzner, Verh. Naturf. Ver. Brünn **30**: 26. [Listed.]<sup>12</sup>
- 1892 *Kelisia vittipennis* Duda, Cat. Ins. Faunae Bohemicae :28. [Listed.]<sup>12</sup> Equals *Kelisia guttulifera* Kirschb.

*Kelisia*

- 1892 *Kelisia vittipennis* Lethierry, Rev. Hémipt. Belgique :21. [Listed.]<sup>11</sup>
- 1894 *Liburnia vittipennis* Edwards, Hemip.-Homop. British Islands Pt. 2: 41; Pl. V, Fig. 1. [Described, comparative note, illustrated.]<sup>13</sup>
- 1894 *Liburnia (Kelisia) vittipennis* Edwards, Hemip.-Homop. British Islands Pt. 2: 33. [Key.]
- 1895 *Kelisia vittipennis* Wüstnei, Schr. Nat. Ver. Schleswig-Holsteins. 10: 268. [Listed.]<sup>1</sup>
- 1896 *Kelisia vittipennis* Melichar, Cicad. Mittel-Europa :61; Pl. IV, Figs. 13–15. [Described, illustrated.]<sup>1, 8, 9, 28</sup> Equals *Delphax vittipennis* Sahlb. Equals *Stenocranus vittipennis* Sahlb. Equals *Liburnia vittipennis* Edw. :59. [Key.]
- 1897 *Kelisia guttulifera* Horváth, Fauna Regni Hungariae :56. [Listed.]<sup>14</sup>
- 1899 *Liburnia vittipennis* Edwards, Trans. Nat. Soc. Norwich 6: 532. [Listed.]<sup>20</sup>
- 1899 *Kelisia vittipennis* Melichar, Ent. Jahrb. 1899: (9). [Listed.]
- 1899 *Kelisia vittipennis* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :107. [Listed.]<sup>5</sup> Equals *Kelisia guttulifera* Kirschb.
- 1900 *Kelisia vittipennis* Melichar, Wien Ent. Zeit. 19: 45. [Listed.]<sup>19</sup>
- 1900 *Kelisia vittipennis* Fokker, Tijdschr. Ent. 42: 25. [Listed.]<sup>15</sup>
- 1901 *Kelisia vittipennis* Melichar, Ent. Jahrb. 1901: 42 (9). [Listed.]
- 1901 *Kelisia vittipennis* Lambertie, Act. Soc. Linn. Bordeaux 56: 216 (88). [Listed.]<sup>6</sup>
- 1903 *Kelisia vittipennis* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 61 (21). [Listed.]<sup>17</sup>
- 1903 *Kelisia guttulifera* Horváth, Ann. Mus. Nat. Hungarici 1: 27. [Listed.]<sup>18</sup>
- 1904 *Kelisia vittipennis* Hüeber Syst. Verz. deutschen Zikadinen :268. [Listed.]<sup>1</sup> Equals *Kelisia guttulifera* Kb.
- 1904 *Kelisia guttulifera* Lambertie, Act. Soc. Linn. Bordeaux 59: xxx (14). [Listed.]<sup>6</sup> :xlvi. [Listed.]<sup>6</sup>
- 1906 *Kelisia vittipennis* Matsumura, Schr. Nat. Ges. Danzig 11: 75. [Listed.]<sup>1</sup> Equals *Kelisia guttulifera* Kirschb.
- 1907 *Kelisia vittipennis* Melichar, Sitzber. Akad. Wiss. 116: 1039 (15). [Listed.]<sup>21</sup>
- 1907 *Kelisia vittipennis* Oshanin, Verz. Palaeark. Hemip. 2 (2): 305. [Listed.]<sup>1, 2, 6, 9, 13, 14, 15, 16, 19</sup> Equals *Liburnia vittipennis* Edw. Equals *Stenocarenus [sic] guttuliferus* Sahlb. Equals *Delphax guttulifera* Kirschb. Equals *Delphax vittipennis* Sahlb.
- 1907 *Kelisia vittipennis* Oshanin, Cat. Homop. St. Pétersbourg 1907: 245 (33). [Listed.]<sup>16</sup>
- 1907 *Liburnia vittipennis* Butler, Hemip. Hastings :56. [Listed.]<sup>20</sup>
- 1907 *Kelisia vittipennis* Bierman, Ent. Berichten 2: 165. [Listed.]<sup>20</sup>
- 1908 *Kelisia vittipennis* Oshanin, Verz. Palaeark. Hemip. 2 (3) :452. [Listed.]<sup>21, 22</sup>
- 1908 *Kelisia vittipennis* Saunders and Edwards, Cat. British Hemiptera 1908: 14. [Listed.]<sup>13</sup>
- 1909 *Kelisia guttulifera [sic]* Lambertie, Proc. Verb. Soc. Linn. Bordeaux 63: clx. [Listed.]<sup>6</sup>
- 1910 *Kelisia vittipennis* Lambertie, Misc. Ent. 18: 91. [Listed.]<sup>6</sup> Equals *Kelisia guttulifera* Kirschb.
- 1912 *Kelisia vittipennis* Butler, Ent. Monthly Mag. 48: 189. [Listed.]<sup>29</sup>
- 1912 *Kelisia vittipennis* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>5, 15, 19</sup> Equals *Kelisia guttulifera* Kirschb.
- 1912 *Kelisia vittipennis* Schmidt, Stett. Ent. Zeit. 73: 149. [Notes.]<sup>1</sup>
- 1914 *Kelisia vittipennis* MacGillavry, Tijdschr. Ent. 57: 94. [Listed.]<sup>25</sup>
- 1915 *Kelisia vittipennis* Whittaker, Lancashire and Cheshire Nat. 1915: 159. [Listed.]<sup>20</sup>
- 1915 *Kelisia vittipennis* Jensen-Haarup, Flora och Fauna 1915: 103; Figs. 13a–d. [Described, illustrated, key.]<sup>23</sup>
- 1915 *Kelisia vittipennis* Jacobsen, Ent. Medd. 10: 319. [Listed.]<sup>23</sup>
- 1920 *Kelisia vittipennis* Tullgren and Wahlgren, Svenska Insekter 1920: 152; Fig. 104f. [Notes, illustrated.]<sup>3</sup>
- 1920 *Kelisia vittipennis* Jensen-Haarup, Danmarks Fauna :41; Fig. 20. [Described, illustrated.]<sup>8, 19, 23, 24, 28</sup> Equals *Kelisia guttulifera* Kirschb. :40. [Key.] :41. [Comparative note.]
- 1922 *Kelisia vittipennis* MacGillavry, Ent. Berichten 6: 68. [Notes.]<sup>25</sup>
- 1924 *Kelisia vittipennis* Lindberg, Acta Soc. Fauna Flora Fennica 56: 45. [Listed.]<sup>2</sup> Equals *Kelisia guttulifera* Kirschb.
- 1926 *Kelisia vittipennis* Blöte, De Levende Natuur. 4: 112. [Listed.]<sup>25</sup>

- 1927 *Kelisia vittipennis* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 143. [Listed.]<sup>6</sup>
- 1928 *Kelisia vittipennis* Ivanov, Mém. Acad. Sci. Ukraine 6: 197. [Listed.]<sup>16</sup>
- 1928 *Kelisia vittipennis* Ivanov, Trav. Mus. Zool. 1928: 501. [Listed.]<sup>16</sup>
- 1929 *Kelisia vittipennis* Brown, Ent. Monthly Mag. 65: 42. [Listed.]<sup>20</sup>
- 1929 *Kelisia vittipennis* Lallemand, Mem. Est. Mus. Zool. Univ. Coimbra 39: 6. [Listed.]<sup>26</sup>
- 1929 *Kelisia vittipennis* Brown, Ent. Monthly Mag. 65: 17. [Listed.]<sup>27</sup>
- 1930 *Kelisia vittipennis* Britten, Check List Fauna Lancashire and Cheshire 1: 74. [Listed.]<sup>20</sup>
- 1930 *Kilisia* [sic] *vitiipennis* [sic] de Seabra, Arq. Secc. Biol. e Par. 1 (4) :352. [Notes.]<sup>26</sup>
- 1931 *Kelisia vittipennis* Rabeler, Zeits. Morph. Ökol. Tiere 21: 228. [Listed.]<sup>1</sup>
- 1934 *Kelisia vittipennis* Ossiannilsson, Ent. Tidskr. 55: 138. [Listed.]<sup>3</sup>
- 1934 *Kelisia vittipennis* Ribaut, Bull. Soc. Hist. Nat. Toulouse 66: 293 (13); Fig. 47. [Key, illustrated.] :294 (14), 295 (15), 296 (16). [Comparative note.]
- 1934 *Kelisia vittipennis* Thornley, Trans. Soc. British Ent. 1: 82. [Listed.]<sup>20</sup>
- 1935 *Kelisia vittipennis* Halbert, Proc. R. Irish Acad. 42 [Sect. B] :310. [Listed.]<sup>10</sup>
- 1935 *Kelisia vittipennis* Haupt, Tierwelt Mitteleuropas 4 (3) :133. [Key.]<sup>28</sup>
- 1935 *Kelisia vittipennis* Karl, Dohrniana 14: 140. [Listed.]<sup>1</sup>
- 1935 *Kelisia vittipennis* Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 5. [Listed.]<sup>1</sup>
- 1937 *Kelisia vittipennis* Kuntze, Arch. Nat. [n. f.] 6: 326, 327, 333, 354. [Ecology.]<sup>1</sup>
- 1937 *Kelisia vittipennis* Ossiannilsson, Opuscula Entomologica. Lund 2: 26. [Comparative note.]

## Genus DELPHACODOIDES Muir

Orthotype *Delphacodoides ornata* [n. sp.] 1929 Muir, Ann. Mag. Nat. Hist. (10) 4: 221.

Delphacodoides 1929 Muir, Ann. Mag. Nat. Hist. (10) 4: 221. [gen. n.]  
1939 Neave, Nomenclator Zoologicus 2: 30. [Listed.]

*ornata* Muir

1929 *Delphacodoides ornata* Muir, Ann. Mag. Nat. Hist. (10) 4:221. [n. Cape Province<sup>1</sup> sp.]<sup>1</sup>

## Genus STENOSYSTATUS Muir

Orthotype *Stenosystatus anonymi* [n. sp.] 1930 Muir, Ent. Tidskr. 51: 214.

Stenosystatus 1930 Muir, Ent. Tidskr. 51: 214. [gen. n.]  
1940 Neave, Nomenclator Zoologicus 4: 298. [Listed.]

*anonymi* Muir

1930 *Stenosystatus anonymi* Muir, Ent. Tidskr. 51: 215. [n. sp.]<sup>1</sup> Habitat unknown.<sup>1</sup>

## Genus PSEUDOMACROCORUPHA Muir

Orthotype *Pseudomacrocorupha wagneri* [n. sp.] 1930 Muir, Ent. Tidskr. 51: 210.

Pseudomacrocorupha 1930 Muir, Ent. Tidskr. 51: 210. [gen. n.]  
1940 Neave, Nomenclator Zoologicus 3: 989. [Listed.]

*wagneri* Muir

1930 *Pseudomacrocorupha wagneri* Muir, Ent. Tidskr. 51: 211; Figs. 5, Argentina<sup>1</sup>  
6. [n. sp., illustrated.]<sup>1</sup>



Genus **PLATYSYSTATUS** Muir

Orthotype *Platysystatus brunneus* [n. sp.] 1930 Muir, Ent. Tidskr. 51: 210.

*Platysystatus* 1930 Muir, Ent. Tidskr. 51: 208. [gen. n.] :214. [Comparative note.]  
1940 Neave, Nomenclator Zoologicus 3: 803. [Listed.]

**brunneus** Muir

1930 *Platysystatus brunneus* Muir, Ent. Tidskr. 51: 210; Figs. 3, 4. [n. Amazonas<sup>1</sup> sp., illustrated.]<sup>1</sup> (Brazil)

Genus **MEGAMELUS** Fieber

Haplotype *Delphax notulus* 1866 Fieber, Verh. Zool. Bot. Ges. Wien 16: 519.

Type *Megamelus notula* 1912 Oshanin, Kat. Paläark. Hemip. :117.

Type *Megamelus notulus* 1914 Crawford, Mon. Delphacidae :602.

Type *Megamelus notulus* 1915 Muir, Canadian Ent. 47: 265.

Haplotype *Megamelus notulus* 1916 Van Duzee, Check List Hemip. America :83.

Haplotype *Megamelus notulus* 1917 Van Duzee, Cat. Hemip. America :765.

Type *Megamelus notula* 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 209.

Type *Megamelus notula* 1935 Haupt, Tierwelt Mitteleuropas 4 (3): 130.

- |                 |                                                                                                                        |
|-----------------|------------------------------------------------------------------------------------------------------------------------|
| Megamelus       | 1866 Fieber, Verh. Zool. Bot. Ges. Wien. 16: 519. [gen. n.] :532. [Listed.]                                            |
|                 | 1867 Dallas, Zool. Rec. 3: 560. [Key.]                                                                                 |
| <i>Delphax</i>  | 1868 Kirschbaum, Cicad. Wiesbaden :19. [Described, key to German species.] [nec Fabricius] [in part.]                  |
| Megamelus       | 1870 Oshanin, Mém. Soc. Amis Sci. Nat. Moscou 6: 47. [Listed.] Equals <i>Delphax</i> Fabr. [in part.]                  |
| <i>Liburnia</i> | 1870 Scott, Ent. Monthly Mag. 7: 25. [Key to British species.] [nec Stål] [in part.]                                   |
| Megamelus       | 1871 Sahlberg, Not. Fennica [n. s.] 9 (12) :56. [Listed.] :411. [Described.] :74. [Key.]                               |
|                 | 1872 Fieber, Kat. Europäischen Cicad. :5. [Listed.] Equals <i>Delphax</i> Auct. [in part.]                             |
|                 | 1871 Oshanin, Bull. Imp. Soc. Nat. Hist. Imp. Univ. Moscou 6 (3) :30. [Listed.] Equals <i>Delphax</i> Fabr. [in part.] |
|                 | 1873 Marschall, Nomenclator Zoologicus 1873: 371. [Listed.]                                                            |
|                 | 1874 Lethierry, Cat. Hémip. Dept. du Nord Second Ed. :257 (53). [Listed.]                                              |
| <i>Delphax</i>  | 1874 Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 82. [Listed.] [nec Fabricius] [in part.]                      |
| Megamelus       | 1875 Fieber, Cicad d'Europe Pt. 1: 369 (82). [Key.]                                                                    |
|                 | 1875 Puton, Cat. Hémip. d'Europe 2 Ed. :117. [Listed.]                                                                 |
|                 | 1875 Reuter, Ann. Soc. Ent. France (5) 5: 233. [Polymorphism.]                                                         |
| <i>Liburnia</i> | 1876 Douglas and Scott, Cat. British Hemip.-Homop. :66. [Listed.] [nec Stål] [in part.]                                |
|                 | 1876 Fieber, Cicad. d'Europe Pt. 2: Pl. 7. [Illustrated.]                                                              |
|                 | 1878 Fieber, Cicad. d'Europe Pt. 3: 276 (7). [Key to species.] Equals <i>Delphax</i> Auct. [in part.]                  |
|                 | 1880 Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 54. [Listed.]                                                  |

- 1882 Scudder, Nomenclator Zoologicus. Univ. Index :190. [Listed.]  
 1883 Berg, Ann. Soc. Cient. Argentina **16**: 235. [Listed.]  
 1884 Berg, Add. Hemip. Argentina :140. [Listed.]  
 1884 Mayr, Tabellen :18. [Key.] Equals *Delphax* Auct. [in part.]  
 1885 Ivanoff, Liste des Cigales :89 (7). [Listed.] :97 (15). [Key.] :111 (29). [Notes.]  
 1886 Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :72. [Listed.]  
 1886 Then, Kat. Österreichischen Cicad. **1886**: 13. [Listed.]  
*Liburnia* 1886 Edwards, Syn. British Homop.-Cicadina Pt. **1**: 57; Pl. 1, Fig. 19. [Described, illustrated.] :55. [Key.] :58. [Key to species.] [nec Stål] [in part.]  
 Megamelus 1888 Dubois, Mém. Soc. Linn. Nord France **7**: 154 (58). [Listed.]  
 1889 Ashmead, Ent. Amer. **5**: 26. [Key.]  
 1890 Hansen, Ent. Tidskr. **11**: 53. [Morphology.]  
*Liburnia* 1890 Buckton, Mon. British Cicadae **1**: 30. [Described.] :28. [Key.] [nec Stål] [in part.]  
 1890 Saunders and Edwards, Cat. British Hemiptera **1890**: 11. [Listed.]  
*Delphax* 1892 Dominique, Bull. Soc. Sci. Nat. Ouest France **2**: 116. [Listed.] [nec Fabricius] [in part.]  
 Megamelus 1892 Duda, Cat. Ins. Faunae Bohemicae :28. [Listed.]  
 1892 Coubeaux, Ann. Soc. Ent. Belgique **36**: 34 (1). [Listed.]  
 1893 Bezzi, Bull. Soc. Ent. Italiana **25**: 108 (28). [Listed.]  
 1894 Edwards, Hemip.-Homop. British Islands Pt. **1**: 31. To *Liburnia* [nec Stål] [error.] :32. [Key.]  
*Liburnia* 1894 Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 190. [Listed.]  
 1894 Edwards, Hemip.-Homop. British Islands Pt. **1**: 31; Pl. 1, Fig. 19. [Described, illustrated.] :32. [Key to species.] :29. [Key.] [nec Stål] [in part.]  
 Megamelus 1895 Wüstnei, Schr. Nat. Ver. Schleswig-Holsteins. **10**: 268. [Listed.]  
 1896 Melichar, Cicad. Mittel-Europa :55. [Described, key to species.] :49. [Key.]  
 1897 Horváth, Fauna Regni Hungariae :55. [Listed.]  
 1897 Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 227, 233. [Listed.] :229. [Key.] :236. [Comparative note.]  
 1899 Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :106. [Listed.]  
 1900 Strobl, Mitt. Natur. Ver. Steiermark **36**: 203. [Listed.]  
 1900 Smith, Ins. New Jersey **1900**: 89. [Listed.]  
 1900 Hansen, Entomologist **33**: 170, 171. [Morphology.]  
 1900 Lameere, Manuel Faune Belgique **2**: 140. [Key.] :141. [Listed.]  
 1901 Lambertie, Act. Soc. Linn. Bordeaux **56**: 216 (88). [Listed.]  
 1901 Hansen, Entomologist **34**: 153. [Morphology.]  
 1901 Kirkaldy, Entomologist **34**: 338. [Listed.]  
 1902 Ball, Canadian Ent. **34**: 265. [Comparative note.]  
 1902 Dominique, Bull. Soc. Sci. Nat. Ouest France (2) **2**: 222. [Listed.]  
 1902 Cobelli, Cicadine Trentino :9. [Listed.]  
 1903 Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste **21**: 61 (21). [Listed.]  
 1904 Swezey, Prelim. Cat. Fulgoridae North America **1904**: 33. [Listed.]  
 1904 Hüeber, Syst. Verz. deutschen Zikadinen :268. [Listed.]  
 1904 Kirkaldy, Entomologist **37**: 175, 177. [Comparative note.]  
 1905 Fowler, Biologia Centrali-Americana **1**: 133. To *Liburnia* Stål [error.]  
 1906 Matsumura, Schr. Nat. Ges. Danzig **11**: 75. [Listed.]  
 1907 Oshanin, Verz. Palaeark. Hemip. **2** (2) :300. [Listed.]  
 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 127. [Key.] :147. [Notes.] :145, 162. [Comparative note.]  
 1908 Kirkaldy, Proc. Hawaiian Ent. Soc. **1**: 203. [Comparative note.]  
 1908 Saunders and Edwards, Cat. British Hemiptera **1908**: 14. [Listed.]

*Megamelus*

- 1908 Horváth, Ann. Mus. Nat. Hungarici **6**: 10. [Listed.]  
 1910 Lambertie, Misc. Ent. **18**: 91. [Listed.]  
 1910 Smith, Rept. Ins. New Jersey **1910**: 97. [Listed.]  
 1910 Kirkaldy, Fauna Hawaiiensis Suppl. :596. [Comparative note.]  
 1912 Schmidt, Stett. Ent. Zeit. **73**: 148. [Listed.]  
 1912 Oshanin, Kat. Paläark. Hemip. :117. [Listed.]  
 1913 Melichar, Faune Walouyki Russie **7**: 6. [Listed.]  
 1913 Dalla Torre, Ent. Jahrb. **22**: 149. [Listed.]  
 1914 Crawford, Mon. Delphacidae :602. [Described.] Equals *Delphax* Auct. [in part.] Equals *Liburnia* Stål [error.] Equals *Euides* Fieb. [error.] Equals *Kelisia* Fieb. [error.] Equals *Chloriona* Fieb. [error.] Equals *Euidella* Put. [error.] Equals *Prokelisia* Osb. [error.] :604. [Key to American species.] :563. [Key.] :585, 586, 592, 593, 599, 601. [Comparative note.]  
 1914 Van Duzee, Psyche **21**: 165. [Distinct.]  
 1915 Jacobsen, Ent. Medd. **10**: 318. [Listed.]  
 1915 Muir, Canadian Ent. **47**: 212, 265. [Listed.] :299, 301. [Key.]  
 1915 Jensen-Haarup, Flora och Fauna **1915**: 101. [Described.] :97 [Key.]  
 1915 Matsumura, Trans. Sapporo Nat. Hist. Soc. **5**: 178. [Comparative note.]  
 1916 Muir, Philippine Jour. Sci. **11**: 384. [Listed.]  
 1916 Van Duzee, Check List Hemip. America :83. [Listed.]  
 1917 Muir, Proc. Hawaiian Ent. Soc. **3**: 327. [Listed.]  
 1917 Van Duzee, Cat. Hemip. America :765. [Listed.]  
 1920 Jensen-Haarup, Danmarks Fauna :37. [Described.] :30. [Key.]  
 1920 Tullgren and Wahlgren, Svenska Insekter **1920**: 151. [Key.] :152. [Listed.]  
 1920 Muir, Bull. Ent. Res. **10**: 142. [Notes.]  
 1923 Metcalf, Jour. Elisha Mitchell Soc. **38**: 168. [Key, Key to species.]  
 1923 Van Duzee, Fulgoroidea Hemip. Connecticut :45, 46. [Key] :48. [Described, key to species.]  
 1924 Lindberg, Acta Soc. Fauna Flora Fennica **56**: 45. [Listed.]  
 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 6. [Key.] :10. [Notes.] :2, 3. [Taxonomy.]  
 1925 Handlirsch, Schröder's Handb. Ent. **3** (9): 1112. [Listed.]  
 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 28. [Listed.]  
 1926 Rémy-Perrier, Homop. Faune France **4**: 90. [Key.] :92. [Key to species.]  
 1927 Muir, Fulgoroidea of Samoa :10. [Listed.]  
 1927 Poisson and Poisson, Bull. Soc. Linn. Normandie (7) **9**: 142. [Listed.]  
 1928 Filippiéff, Guide to Insects :157. [Key.] :159. [Listed.]  
 1928 Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. **101**: 180. [Listed.]  
 1928 Myers, Studies on Cuban Insects :22. [Listed.]  
 1929 Haupt, Zool. Jahrb. Syst. Ökol. **58**: 209. [Key.]  
 1929 Muir, Ann. Mag. Nat. Hist. (10) **4**: 221. [Comparative note.]  
 1931 Schulze, Kükenthal and Heider, Nomenclator animalium **3** (15): 2001. [Listed.]  
 1932 Enderlein, Fauna von Deutschland **1932**: 192. [Key.]  
 1935 Haupt, Tierwelt Mitteleuropas **4** (3): 130. [Key.] :133. [Key to species.]  
 1935 Wagner, Verh. Ver. Naturw. Heimatforschung. **24**: 6. [List of German species.]  
 1935 Karl, Dohrniana **14**: 140. [Listed.]  
 1936 Lindberg and Zachvatkin, Arkiv Zool. **29**: 18. [Listed.]  
 1937 Kuntze, Arch. Nat. [n. f.] **6**: 325, 330, 354. [Ecology.]  
 1938 Brimley, Insects of North Carolina **1938**: 102. [Listed.]  
 1938 Britton, Bull. Connecticut Geol. Nat. Hist. Surv. **60**: 22. [Listed.]

Megamelas [sic]  
 Megamelus

- 1938 China, Ent. Monthly Mag. **74**: 197. [Listed.] :243. [Key to British species.]  
 1938 Osborn, Bull. Ohio Biol. Surv. **6**: 330. [Key.] :334. [Described, key to species.]  
 1940 Neave, Nomenclator Zoologicus **3**: 74. [Listed.]

**aestus** Metcalf

- 1923 *Megamelus aestus* Metcalf, Jour. Elisha Mitchell Soc. **38**: 202; North Carolina<sup>1</sup>  
 Pl. 46, Fig. 108; Pl. 59, Fig. 409; Pl. 68, Fig. 650. [n. sp., illus-  
 trated.]<sup>1</sup> :169. [Key.] :150. [Listed.]  
 1938 *Megamelus* [sic] *aestus* Brimley, Insects of North Carolina **1938**: 102. [Listed.]<sup>1</sup>  
*albicollis* Crawford [nec Motschulsky]. See *Pissonotus muiri* Metcalf.  
*albicollis* Muir [nec Crawford]. See *Megamelus muiri* Metcalf.  
*albidens* Crawford. See *Delphacodes albidens* Crawford.  
*albidens* var. *havanensis* Crawford. See *Delphacodes havanensis* Crawford.  
*albinotatus* Crawford (var.). See *Delphacodes albinotata* Crawford.  
*albolineosus* Fowler. See *Liburnia furcifera* Horváth.  
*albosignatus* Van Duzee [nec Dahlbom]. See *Megamelus notula* Germar.  
*analis* Crawford. See *Delphacodes analis* Crawford.  
*andromedus* Van Duzee. See *Delphacodes andromeda* Van Duzee.

**angulatus** Osborn

- 1905 *Megamelus angulatus* Osborn, Ohio Nat. **5**: 374. [n. sp.]<sup>1,3</sup> Delaware<sup>1</sup>  
 1914 *Megamelus angulatus* Crawford, Mon. Delphacidae :629. [Listed.]<sup>1</sup> Eastern States<sup>2</sup>  
 1916 *Megamelus angulatus* Van Duzee, Check List. Hemip. America Pennsylvania<sup>3</sup>  
 :83. [Listed.]<sup>2</sup> Ohio<sup>4</sup>  
 1917 *Megamelus angulatus* Van Duzee, Cat. Hemip. America :766. New York<sup>5</sup>  
 [Listed.]<sup>1</sup> Florida<sup>6</sup>  
 1923 *Megamelus angulatus* Metcalf, Jour. Elisha Mitchell Soc. **38**: 169;  
 Pl. 59, Fig. 413; Pl. 68, Fig. 653; [Key, illustrated.]  
 1938 *Megamelus angulatus* Osborn, Bull. Ohio Biol. Surv. **6**: 334. [Key.] :335; Fig. 35e.  
 [Described, illustrated.]<sup>4,5,6</sup>

**anticostus** Metcalf

- 1923 *Megamelus anticostus* Metcalf, Jour. Elisha Mitchell Soc. **38**: 204; Quebec<sup>1</sup>  
 Pl. 59, Fig. 412; Pl. 68, Fig. 652. [n. sp., illustrated.]<sup>1</sup> :169. [Key.]  
 :150. [Listed.]  
*apicimaculatus*. Typographical error for *Megamelus apicimaculus* Fowler. See *Kormus apici-*  
*maculus* Fowler.  
*approximatus* Crawford. See *Liburnia approximata* Crawford.  
*atrior* Fowler. See *Delphacodes atrior* Fowler.  
*aurantii* Crawford. See *Liburnia aurantii* Crawford.  
*axialis* Van Duzee. See *Kelisia axialis* Van Duzee.  
*b* Sahlberg (var.) [*notula*]. See *Megamelus notula* var. *fuscus* Metcalf.  
*basifuscatus* Fowler. See *Dicranotropis basifuscata* Fowler.  
*basivittus* Van Duzee. See *Delphacodes basivitta* Van Duzee.  
*bergi* Scott. See *Delphacodes bergi* Scott.

**bifurcatus** Crawford

- 1914 *Megamelus bifurcatus* Crawford, Mon. Delphacidae :612; Pl. 47, Brazil<sup>1</sup>  
 Fig. S. [n. sp., illustrated.]<sup>1</sup> :605. [Key.]



*Megamelus*

- brevifrons* Haupt [nec Reuter]. See *Megamelus paludicola* Lindberg.  
*brevifrons* Reuter. See *Megamelus notula* Germar.  
*brevifrons* var. *pilosa* Haupt. See *Megamelus paludicola* var. *pilosa* Haupt.  
*c* Sahlberg (var.) [*notula*]. See *Megamelus notula* var. *pallidulus* Metcalf.  
*campestris* Van Duzee. See *Delphacodes campestris* Van Duzee.  
*cayamensis* Crawford. See *Delphacodes cayamensis* Crawford.  
*circumcinctus* Van Duzee. See *Delphacodes detecta* Van Duzee.  
*consimilis* Van Duzee. See *Delphacodes consimilis* Van Duzee.  
*constrictus* Crawford. See *Prokelisia constricta* Crawford.  
*constrictus* var. *minutus* Crawford. See *Prokelisia constricta* var. *minuta* Crawford.  
*cultus* Van Duzee. See *Delphacodes culta* Van Duzee.

**davisi** Van Duzee

- 1897 *Megamelus davisi* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 235 Michigan<sup>1</sup>  
 [n. sp.]<sup>1</sup> :227. [Listed.] Eastern States<sup>2</sup>  
 1904 *Megamelus davisi* Swezey, Prelim. Cat. Fulgoridae North America North Carolina<sup>3</sup>  
 1904: 33. [Listed.]<sup>1</sup>  
 1914 *Megamelus davisi* Crawford, Mon. Delphacidae :630. [Listed.]<sup>1</sup> :605. [Key.]  
 1916 *Megamelus davisi* Van Duzee, Check List Hemip. America :83. [Listed.]<sup>2</sup>  
 1917 *Megamelus davisi* Van Duzee, Cat. Hemip. America :766. [Listed.]<sup>1</sup>  
 1923 *Megamelus davisi* Metcalf, Jour. Elisha Mitchell Soc. 38: 169; Pl. 59, Fig. 414; Pl.  
 69, Fig. 654. [Key, illustrated.]  
 1923 *Megamelus davisi* Van Duzee, Fulgoridae Hemip. Connecticut :48. [Key, notes.]  
 1938 *Megamelus* [sic] *davisi* Brimley, Insects of North Carolina 1938: 102. [Listed.]<sup>3</sup>

**discrepans** Haupt

- 1930 *Megamelus discrepans* Haupt, Mitt. Deutschen Ent. Ges. 1: 155; Italy<sup>1</sup>  
 Fig. 3; [n. sp., illustrated.]<sup>1</sup> :153. [Listed.]<sup>1</sup>

**distinctus** Metcalf

- 1923 *Megamelus distinctus* Metcalf, Jour. Elisha Mitchell Soc. 38: 201; Connecticut<sup>1</sup>  
 Pl. 59, Fig. 408; Pl. 68, Fig. 649. [n. sp., illustrated.]<sup>1</sup> :169. [Key.]  
 :150. [Listed.]  
 1938 *Megamelus distinctus* Britton, Bull. Connecticut Geol. Nat. Hist. Surv. 60: 22.  
 [Listed.]<sup>1</sup>

*dolerus* Spooner. See *Delphacodes dolera* Spooner.

*dorsilinea* Van Duzee. See *Eurysa dorsilinea* Van Duzee.

**electrae** Muir

- 1926 *Megamelus electrae* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 28; Brazil<sup>1</sup>  
 Pl. 4, Figs. 84, 85. [n. sp., illustrated.]<sup>1</sup>

*erectus* Crawford. See *Delphacodes humilis* Van Duzee.

*erectus* var. *niger* Crawford. See *Delphacodes niger* Crawford.

*erectus* var. *nigripennis* Crawford. See *Delphacodes nigripennis* Crawford.

*erectus* var. *nigripennis* Muir [nec Crawford]. See *Delphacodes humilis* Van Duzee.

*feberi* Scott. See *Delphacodes feberi* Scott.

*flavolineatus* Muir. See *Liburnia cubana* Crawford.

*flavus* Crawford (var.). See *Megamelus notula* var. *flavus* Crawford.

*foveatus* Van Duzee. See *Delphacodes foveata* Van Duzee.

*fucatus* Berg. See *Euidella fucata* Berg.

*furcifer* Horváth. See *Liburnia furcifera* Horváth.

*furcifer* var. *nigeriensis* Muir. See *Liburnia furcifera* var. *nigeriensis* Muir.

*fusciorroratus* Spinola. See *Delphacodes fuscoirrorata* Spinola.

*fuscoterminatus* Berg. See *Delphacodes fuscoterminata* Berg.

*fuscovittatus* Scott. See *Euidella fuscovittata* Scott.

*fuscus* Metcalf (var.). See *Megamelus notula* var. *fuscus* Metcalf.

### geranor Kirkaldy

1907 *Delphax geranor* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 158; Queensland<sup>1</sup> Pl. 16, Fig. 3. [n. sp., illustrated.]<sup>1</sup>:150. [Key.]:13. [Listed.]

1917 *Megamelus geranor* Muir, Proc. Hawaiian Ent. Soc. **3**: 328. [Listed.] Equals *Delphax geranor* Kirk.

*gillettei* Van Duzee. See *Delphacodes gillettei* Van Duzee.

*havanensis* Crawford (var.). See *Delphacodes havanensis* Crawford.

*humilis* Van Duzee. See *Delphacodes humilis* Van Duzee.

*humilis*. Typographical error for *Megamelus humilis* Van Duzee. See *Delphacodes humilis* Van Duzee.

*indistinctus* Crawford. See *Delphacodes indistincta* Crawford.

### inflatus Metcalf

1923 *Megamelus inflatus* Metcalf, Jour. Elisha Mitchell Soc. **38**: 203; New York<sup>1</sup> Pl. 59, Fig. 406; Pl. 68, Fig. 646. [n. sp., illustrated.]<sup>1</sup>:168. [Key.]:150. [Listed.]

1928 *Megamelus inflatus* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. **101**: 180. [Listed.]<sup>1</sup>

### iphigeniae Muir

1926 *Megamelus iphigeniae* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: Brazil<sup>1</sup> 28; Pl. 4, Figs. 86, 87. [n. sp., illustrated.]<sup>1</sup>

### kahas Kirkaldy

1907 *Delphax kaha* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 158; Queensland<sup>1</sup> Pl. 16, Figs. 8, 9. [n. sp., illustrated.]<sup>1</sup>:150. [Key.]:13. [Listed.]

1917 *Megamelus kaha* Muir, Proc. Hawaiian Ent. Soc. **3**: 328. [Listed.] Equals *Delphax kaha* Kirk.

*kilmani* Van Duzee. See *Delphacodes kilmani* Van Duzee.

*kolophon* Kirkaldy. See *Liburnia furcifera* var. *kolophon* Kirkaldy.

*kormusi* Crawford. See *Eurysa kormusi* Crawford.

*laminalis* Van Duzee. See *Delphacodes laminalis* Van Duzee.

*lantipes*. Typographical error for *Megamelus lautipes* Stål. See *Liburnia lautipes* Stål.

*lateralis* Van Duzee. See *Delphacodes laterana* Metcalf.

*lautipes* Stål. See *Liburnia lautipes* Stål.

*leahi* Kirkaldy. See *Liburnia leahi* Kirkaldy.

### leimonias Kirkaldy

1907 *Delphax leimonias* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: Queensland<sup>1</sup> 159. [n. sp.]<sup>1</sup>:150. [Key.]:13. [Listed.]

1917 *Megamelus leimonias* Muir, Proc. Hawaiian Ent. Soc. **3**: 328. [Listed.] Equals *Delphax leimonias* Kirk.

### leptus Fieber

1872 *Megamelus leptus* Fieber, Kat. Europäischen Cicad. :5. [Listed.]<sup>1</sup> Czechoslovakia<sup>1</sup> Germany<sup>2</sup>  
[nom. nud.]

*Megamelus*

- 1875 *Megamelus leptus* Puton, Cat. Hémipt. d'Europe 2 Ed. :117. Austria<sup>3</sup>  
[Listed.]<sup>2</sup> [nom. nud.] Italy<sup>4</sup>
- 1878 *Megamelus leptus* Fieber, Cicad. d'Europe Pt. 3: 279 (10). [n. sp.]<sup>1</sup>
- 1884 *Megamelus leptus* Mayr, Tabellen :18. [Listed.]<sup>1</sup>
- 1886 *Megamelus leptus* Then, Kat. Österreichischen Cicad. 1886: 13. [Listed.]<sup>1</sup>
- 1886 *Megamelus leptus* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :72. [Listed.]<sup>2,3</sup>
- 1892 *Megamelus leptus* Duda, Cat. Ins. Faunae Bohemicae :28. [Listed.]<sup>1</sup>
- 1896 *Megamelus leptus* Melichar, Cicad. Mittel-Europa :56. [Described.]<sup>1</sup> :55. [Key.]
- 1899 *Megamelus leptus* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :106. [Listed.]<sup>2,3</sup>
- 1903 *Megamelus leptus* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 61 (21). [Listed.]<sup>4</sup>
- 1904 *Megamelus leptus* Hüeber, Syst. Verz. Deutschen Zikadinen :268. [Listed.]<sup>2</sup>
- 1907 *Megamelus leptus* Oshanin, Verz. Paläarkt. Hemipt. 2 (2) :301. [Listed.]<sup>3</sup>
- 1912 *Megamelus leptus* Oshanin, Kat. Paläarkt. Hemipt. :118. [Listed.]<sup>3</sup>
- 1935 *Megamelus leptus* Haupt, Tierwelt Mitteleuropas 4 (3) :133. [Key.]<sup>1</sup>

*lineatipes* Van Duzee. See *Delphacodes lineatipes* Van Duzee.

*lineolus* Stål [nec Germar]. See *Megamelus notula* Germar.

*longicornis* Dozier

- 1922 *Stenocranus longicornis* Dozier, Ohio Jour. Sci. 22: 76; Pl. 1, Figs. Mississippi<sup>1</sup>  
4a, b. [n. sp., illustrated.]<sup>1</sup> :70. [Key.] :81. [Note.]
- 1923 *Megamelus longicornis* Metcalf, Jour. Elisha Mitchell Soc. 38: 169; Pl. 59, Fig. 407;  
Pl. 68, Fig. 647. [Key, illustrated.] :148. Equals *Stenocranus longicornis* Doz.
- 1924 *Megamelus longicornis* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 12.  
Equals *Stenocranus longicornis* Dozier.

*lutulentus* Van Duzee. See *Delphacodes lutulenta* Van Duzee.

*magnifrons* Crawford. See *Eurysa magnifrons* Crawford.

*magnistylus* Crawford. See *Euidella magnistyla* Crawford.

*magnus* Crawford. See *Delphacodes magna* Crawford.

*marginatus* Van Duzee. See *Prokelisia marginata* Van Duzee.

*marginicornis* Fowler. See *Delphacodes* (?) *marginicornis* Fowler.

*metzaria* Crawford

- 1914 *Megamelus metzaria* Crawford, Mon. Delphacidae :611. [n. sp.]<sup>1</sup> Wyoming<sup>1</sup>  
:605. [Key.] Rocky
- 1916 *Pissonotus metzaria* Van Duzee, Check List. Hemipt. America :83. Mountains<sup>2</sup>  
[Listed.]<sup>2</sup>
- 1917 *Pissonotus metzaria* Van Duzee, Cat. Hemipt. America :768. [Listed.]<sup>1</sup> Equals *Meg-*  
*amelus metzaria* Crawf.
- 1924 *Megamelus metzaria* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 10.  
[Listed.]

*mexicanus* Crawford (var.). See *Liburnia mexicana* Crawford.

*minutus* Crawford (var.). See *Prokelisia constricta* var. *minuta* Crawford.

*mui* nom. nov. for *Megamelus albicollis* Muir 1917 [nec *Megamelus albicollis* Crawford 1914]

- 1917 *Megamelus albicollis* Muir, Proc. Hawaiian Ent. Soc. 3: 327; Pl. Philippine  
6, Figs. 54, 54a. [n. sp., illustrated.]<sup>1,2</sup> Islands<sup>1</sup>
- mulsanti* Fieber. See *Delphacodes mulsanti* Fieber. Luzon<sup>2</sup>
- niger* Crawford (var.). See *Delphacodes niger* Crawford.
- nigeriensis* Muir (var.). See *Liburnia furcifera* var. *nigeriensis* Muir.
- nigriculus* Berg. See *Delphacodes nigricula* Berg.

- nigridorsum* Crawford. See *Delphacodes nigridorsum* Crawford.  
*nigrifrons* Van Duzee. See *Chloriona nigrifrons* Van Duzee.  
*nigrigaster* Crawford. See *Delphacodes nigrigaster* Crawford.  
*nigripennis* Crawford (var.). See *Delphacodes nigripennis* Crawford.  
*nigripennis* Muir [nec Crawford] (var.). See *Delphacodes humilis* Van Duzee.  
*notatus*. Typographical error for *Megamelus notula* Germar.

**notula** Germar

- 1830 *Delphax notula* Germar, Thon Ent. Archiv. 2: 57. [n. sp.]<sup>1,2</sup> Equals Germany<sup>1</sup>  
*Delphax pellucida* Fall. [error.] Sweden<sup>2</sup>
- 1835 *Delphax notula* Herrich-Schäffer, Nom. Ent. 1: 106. [Listed.] France<sup>3</sup>  
 Equals *Delphax striatella* Fall. [error.] Equals *Delphax striata* Estonia<sup>5</sup>  
 Fall. [error.] Ireland<sup>6</sup>
- 1839 *Delphax notula* Spinola, Ann. Soc. Ent. France 8: 333. [Listed.]<sup>2</sup> Finland<sup>7</sup>
- 1840 *Delphax notula* Herrich-Schäffer, Fauna Ratisbonensis 3 (2): 384. Russia<sup>8</sup>  
 [Listed.]<sup>1</sup>
- 1847 *Delphax truncatipennis* Boheman, Öfv. Svenska Vet. Akad. Förh. Scandinavia<sup>9</sup>  
 1847: 266. [n. sp.]<sup>2</sup> England<sup>10</sup>
- 1847 *Delphax truncatipennis* Boheman, Handl. Svenska Vet. Akad. Belgium<sup>11</sup>  
 1847: 46. [Described.]<sup>2</sup> Austria<sup>12</sup>
- 1847 *D[elphax] truncatipennis* Boheman, Handl. Svenska Vet. Akad. Czechoslovakia<sup>13</sup>  
 1847: 44. [Comparative note.] Italy<sup>14</sup>
- 1850 *Delphax notula* Schaum, Allg. Encykl. Ersch. und Gruber 51: 69. British Isles<sup>15</sup>  
 [Listed.]<sup>1</sup> Equals *Delphax striata* Fall. [error.] New York<sup>16</sup>
- 1850 *Delphax truncatipennis* Schaum, Allg. Encykl. Ersch. und Gruber Hungary<sup>17</sup>  
 51: 69. [Listed.]<sup>2</sup> Ontario<sup>18</sup>
- 1850 *Delphax truncatipennis* Boheman, Handl. Svenska Vet. Akad. Yugoslavia<sup>19</sup>  
 1849: 257. [Listed.]<sup>2</sup> New
- 1851 *Delphax notula* Walker, List Homop. British Mus. 2: 350. Hampshire<sup>20</sup>  
 [Listed.]<sup>4</sup> Equals *Delphax striata* Fall. [error.] Equals *Delphax* Romania<sup>21</sup>  
*striatella* Fall. [error.] Caucasus<sup>22</sup>
- 1851 *Delphax truncatipennis* Walker, List Homop. British Mus. 2: 357. North America<sup>23</sup>  
 [Listed.]<sup>2</sup> Batavia<sup>24</sup>
- 1852 *Delphax truncatipennis* Boheman, Handl. Svenska Vet. Akad. Central Europe<sup>25</sup>  
 1851: 118. [Listed.]<sup>2</sup> Nearctic
- 1853 *Delphax truncatipennis* Stål, Öfv. Svenska Vet. Akad. Förh. 10: Region<sup>26</sup>  
 174. [Comparative note.] Massachusetts<sup>27</sup>
- 1854 *Delphax lineola* [nec Germar] Stål, Öfv. Svenska. Vet. Akad. Förh. Denmark<sup>28</sup>  
 11: 190. [Described.]<sup>2</sup> Eastern States<sup>29</sup>
- 1854 *Delphax truncatipennis* Stål, Öfv. Svenska. Vet. Akad. Förh. 11: Canada<sup>30</sup>  
 190. [Described.]<sup>2</sup> Colorado<sup>31</sup>
- 1857 *Delphax notula* Ferris, Ann. Soc. Linn. Lyon 4: 170 (90). [Listed.]<sup>3</sup> Netherlands<sup>32</sup>
- 1859 *Delphax notula* Dohrn, Cat. Hemip. :61. [Listed.]<sup>2</sup> Mississippi<sup>33</sup>
- 1859 *Delphax truncatipennis* Dohrn, Cat. Hemip. :61. [Listed.]<sup>2</sup> Scotland<sup>34</sup>
- 1859 *Delphax notulae* [sic] Stål, Freg. Eugenies Resa 4: 276. [Comparative note] Ohio<sup>35</sup>  
 Wales<sup>36</sup>
- 1859 *Delphax truncatipennis* Stål, Freg. Eugenies Resa 4: 276. [Comparative note.] Circumpolar<sup>37</sup>
- 1861 *Delphax notula* Flor, Rhynch. Livlands 2: 45. [Described.]<sup>1,2,5</sup> Equals *Delphax truncatipennis* Boh. Equals *Delphax lineola* Stål [nec Germ.]:32. [Key.]:29. [Note.]:41. [Comparative note.]
- 1862 *Delphax notula* Graaf, Six and Snellen van Vollenhoven, Tijdschr. Ent. 5: 78. [Listed.]<sup>32</sup>
- 1863 *Delphax notula* Snellen Van Vollenhoven, Tijdschr. Ent. 6: 12. [Notes.]<sup>32</sup>
- 1865 *Delphax notula* Marshall, Ent. Monthly Mag. 1: 226. [Described.]<sup>15</sup> Equals *Delphax lineola* Stål [nec Germ.] Equals *Delphax truncatipennis* Stål. :199. [Key.]



*Megamelus*

- 1866 *Megamelus notulus* Fieber, Verh. Zool. Bot. Ges. Wien **16**: 519, 532; Pl. 8, Fig. 2. [Listed, illustrated.] Equals *Delphax notulus* Germ. Equals *Delphax truncatipennis* Boh.
- 1867 *Megamelus notulus* Dallas, Zool. Rec. **3**: 560. Equals *Delphax notulus* Germ.
- 1868 *Delphax notula* Kirschbaum, Cicad. Wiesbaden :20, 41. [Comparative note.]
- 1868 *Delphax truncatipennis* Kirschbaum, Cicad. Wiesbaden :20. [Key.]
- 1868 *Delphax notula* Sahlberg, Not. Fennica [n. s.] **9** (9): 186, 216. [Notes.]<sup>7</sup> Equals *Delphax truncatipennis* Boh. Equals *Delphax lineola* Stål [nec Germ.]
- 1870 *Megamelus notulus* Oshanin, Mém. Soc. Amis Sci. Nat. Moscou **6**: 47. [Listed.]<sup>8</sup>
- 1870 *Liburnia notula* Scott, Ent. Monthly Mag. **7**: 25. [Key.]
- 1871 *Megamelus notulus* Oshanin, Bull. Imp. Soc. Nat. Hist. Imp. Univ. Moscou **6** (3): 30. [Listed.]<sup>8</sup>
- 1871 *Megamelus notula* Sahlberg, Not. Fennica [n. s.] **9** (12): 412. [Described.]<sup>9</sup> Equals *Delphax notula* Germ. Equals *Delphax truncatipennis* Boh. Equals *Delphax lineola* Stål [nec Germ.] :56. [Listed.]<sup>2,7</sup> :38, 39. [Ecology.]
- 1872 *Megamelus notulus* Fieber, Kat. Europäischen Cicad. :5. [Listed.]<sup>4</sup> Equals *Megamelus lineola* Stål [nec Germ.] Equals *Megamelus truncatipennis* Boh.
- 1872 *Megamelus notulus* Fieber, Verh. Zool. Bot. Ges. Wien. **22**: 28. Equals *Delphax truncatipennis* Boh.
- 1874 *Megamelus notulus* Lethierry, Cat. Hémipt. Dept. du Nord. Second Ed. :257 (53). [Listed.]<sup>3</sup>
- 1874 *Delphax truncatipennis* Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg **20**: 82. [Notes.]<sup>1</sup> Equals *Delphax notula* Flor.
- 1875 *Megamelus notula* Puton, Cat. Hémipt. d'Europe **2** Ed. :117. [Listed.]<sup>4</sup> Equals *Megamelus lineola* Stål. [nec Germ.] Equals *Megamelus truncatipennis* Boh.
- 1876 *Liburnia notula* Douglas and Scott, Cat. British Hemipt. :66. [Listed.]<sup>15</sup> Equals *Delphax notula* Germ. Equals *Delphax truncatipennis* Boh. Equals *Delphax lineola* Stål [nec Germ.] Equals *Megamelus notulus* Fieb.
- 1878 *Megamelus notulus* Fieber, Cicad. d'Europe Pt. **3**: 278. (9). [Described.]<sup>4</sup> Equals *Delphax notula* Germ. [nec Fall.] Equals *Delphax lineola* Stål [nec Germ.] Equals *Delphax truncatipennis* Boh.
- 1878 *Delphax notula* Dale, History of Glanville's Wootton :304. [Listed.]<sup>10</sup>
- 1878 *Megamelus notula* Lethierry, Ann. Soc. Ent. Belgique **21**: XXXVI. [Listed.]<sup>11</sup>
- 1880 *Megamelus notula* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar **21**: 54. [Listed.]<sup>3</sup>
- 1880 *Megamelus brevisfrons* Reuter, Medd. Soc. Fauna Fl. Fennica **5**: 235. [n. sp.]<sup>7</sup>
- 1880 *Megamelus notula* Reuter, Medd. Soc. Fauna Fl. Fennica **5**: 196. [Listed.]<sup>7</sup>
- 1882 *Liburnia notula* Norman, Ent. Monthly Mag. **18**: 276. [Listed.]<sup>34</sup>
- 1884 *Megamelus noiulus* Mayr, Tabellen :18. [Listed.]<sup>1,3,4</sup>
- 1884 *Liburnia notula* Edwards, Trans. Nat. Soc. Norway **3**: 713. [Listed.]<sup>10</sup>
- 1885 *Megamelus notula* Ivanoff, Liste des Cigales :112 (3). [Described.] :89 (7). [Listed.]
- 1885 *Liburnia notula* Edwards, Ent. Monthly Mag. **22**: 67. [Listed.]
- 1886 *Megamelus notula* Horváth, Fauna Flora Caspi-Gebietes **1886**: 254. [Listed.]<sup>8</sup>
- 1886 *Liburnia notula* Edwards, Syn. British Homop.-Cicadina Pt. **1**: 61. [Described.]<sup>15</sup> Equals *Delphax notula* Germ. Equals *Delphax truncatipennis* Boh. Equals *Delphax lineola* Stål [nec Germ.] Equals *Megamelus notulus* Fieb. :58. [Key.]
- 1886 *Megamelus notula* Puton, Cat. Hémipt. Faune Paléarctique **3** Ed. :72. [Listed.]<sup>4</sup> Equals *Megamelus truncatipennis* Boh. Equals *Megamelus lineola* Stål [nec Germ.]
- 1886 *Megamelus brevisfrons* Puton, Cat. Hémipt. Faune Paléarctique **3** Ed. :72. [Listed.]<sup>9</sup>
- 1886 *Megamelus notulus* Then, Kat. Österreichischen Cicad. **1886**: 13. [Listed.]<sup>4,12</sup>
- 1888 *Megamelus notula* Dubois, Mém. Soc. Linn. Nord France **7**: 154 (58). [Listed.]<sup>3</sup>
- 1888 *Liburnia notula* Edwards, Ent. Monthly Mag. **24**: 198. [Comparative note.]
- 1890 *Megamelus notula* Hansen, Ent. Tidskr. **11**: 39; Pl. 2, Figs. 1, 1a, 14. [Morphology, illustrated.]
- 1890 *Megamelus notula* Funk, Ber. Nat. Ges. Bamberg **15**: 140. [Listed.]<sup>1</sup>
- 1890 *Liburnia notula* Buckton, Mon. British Cicadae **1**: 30; Pl. 9, Figs. 1-4. [Described, illustrated.]<sup>16</sup> Equals *Megamelus* [sic] *notulus* Fieb. Equals *Delphax notula* Germ. Equals *Delphax truncatipennis* Kirschb. Equals *Delphax lineola* Stål [nec Germ.]

- 1890 *Liburnia notula* Saunders and Edwards, Cat. British Hemiptera 1890: 11. [Listed.]<sup>15</sup>
- 1890 *Liburnia notula* Buckton, Mon. British Cicadae 3: 65, 66. [Synopsis.]
- 1892 *Megamelus notula* Lethierry, Rev. Hémip. Belgique :21. [Listed.]<sup>11</sup>
- 1892 *Megamelus notula* Duda, Cat. Ins. Faunae Bohemicae :28. [Listed.]<sup>13</sup> Equals *Megamelus lineola* Stål [nec Germ.] Equals *Megamelus truncatipennis* Boh.
- 1892 *Megamelus notula* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>11</sup>
- 1893 *Megamelus notula* Bezzi, Bull. Soc. Ent. Italiana 25: 108 (28). [Listed.]<sup>14</sup>
- 1894 *Liburnia (Megamelus) notula* Edwards, Hemip.-Homop. British Islands Pt. 1: 32; Pl. 4, Figs. 3, 4. [Key illustrated.]
- 1894 *Liburnia notula* Edwards, Hemip.-Homop. British Islands Pt. 2: 38. [Described.]<sup>15</sup> :39, 50. [Comparative note.]
- 1894 *Achorotile albosignata* [nec Dahlbom] Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 192. [Notes.]<sup>16</sup>
- 1895 *Megamelus notulus* Wüstnei, Schr. Nat. Ver. Schleswig-Holsteins. 10: 268. [Listed.]<sup>1</sup>
- 1896 *Megamelus notulus* Melichar, Cicad. Mittel-Europa :55; Pl. 4, Figs. 1-8. [Key, described, illustrated.]<sup>1,4</sup> Equals *Delphax truncatipennis* Germ. Equals *Delphax notulus* Stål. Equals *Liburnia notulus* Edw. :xxiii. [Ecology.]
- 1897 *Megamelus notula* Horváth, Fauna Regni Hungariae :55. [Listed.]<sup>17</sup>
- 1897 *Megamelus notulus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 233. [Notes.]<sup>16,18</sup> Equals *Delphax notula* Germ. Equals *Liburnia notula* Edw. :227. [Listed.]
- 1897 *Achorotile albosignata* [nec Dahlbom] Van Duzee, Rev. North American Delphacidae :259. [Notes.]<sup>16</sup>
- 1899 *Megamelus notulus* Melichar, Ent. Jahrb. 1899: (9) [Listed.]
- 1899 *Megamelus notula* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :106. [Listed.]<sup>4</sup> Equals *Megamelus lineola* Stål [nec Germ.] Equals *Megamelus truncatipennis* Boh.
- 1899 *Megamelus brevifrons* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :106. [Listed.]<sup>7,9</sup>
- 1900 *Megamelus notula* Hansen, Entomologist 33: 169. [Morphology.]
- 1900 *Megamelus notulus* Strobl, Mitt. Natur. Ver. Steiermark 36: 203. [Listed.]<sup>12</sup>
- 1900 *Megamelus notulus* Lameere, Man. Faune Belgique 2: 141. [Described.]<sup>11</sup>
- 1901 *Megamelus notula* Lambertie Act. Soc. Linn. Bordeaux 56: 216 (88) [Listed.]<sup>3</sup>
- 1901 *Megamelus notula* Kirkaldy, Entomologist 34: 338. [Listed.]<sup>16,18</sup>
- 1901 *Megamelus notula* Schouteden, Ann. Soc. Ent. Belgique 45: 269. [Listed.]<sup>11</sup>
- 1902 *Megamelus notulus* Cobelli, Cicadine Trentino :9 [Listed.]<sup>14</sup>
- 1902 *Megamelus notula* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) 2: 222. [Listed.]<sup>3</sup>
- 1903 *Megamelus notulus* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 61 (21). [Listed.]<sup>14</sup>
- 1903 *Megamelus notula* Horváth, Ann. Mus. Nat. Hungarici 1: 27. [Listed.]<sup>19</sup>
- 1904 *Megamelus notula* Hüeber, Syst. Verz. Deutschen Zikadinen :268. [Listed.]<sup>1</sup> Equals *Megamelus lineola* Stål [nec Germ.] Equals *Megamelus truncatipennis* Boh.
- 1904 *Megamelus notulus* Swezey, Prelim. Cat. Fulgoridae North America 1904: 33. [Listed.]<sup>10,18,20</sup> Equals *Delphax notula* Germ. Equals *Delphax truncatipennis* Boh. Equals *Liburnia notula* Edw.
- 1905 *Megamelus notulus* Van Duzee, Bull. New York State Mus. 97: 553. [Listed.]<sup>16</sup>
- 1906 *Megamelus notula* Matsumura, Schr. Nat. Ges. Danzig 11: 75. [Listed.]<sup>1</sup>
- 1907 *Megamelus notula* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 147. [Comparative note.]
- 1907 *Megamelus notula* Oshanin, Verz. Palaeark. Hemip. 2(2): 300. [Listed.]<sup>1,2,3,8,12,16,17,18,20,21,22</sup> Equals *Delphax notula* Germ. Equals *Delphax truncatipennis* Boh. Equals *Delphax lineola* Stål [nec Germ.] Equals *Liburnia notula* Scott.
- 1907 *Megamelus brevifrons* Oshanin, Verz. Palaeark. Hemip. 2(2): 301. [Listed.]<sup>7</sup>
- 1907 *Megamelus notula* Oshanin, Cat. Homop. St. Pétersbourg 1907: 244 (32). [Listed.]<sup>8</sup>
- 1908 *Megamelus notula* Saunders and Edwards, Cat. British Hemiptera 1908: 14. [Listed.]<sup>15</sup>
- 1908 *Megamelus notula* Horváth, Ann. Mus. Nat. Hungarici 6: 6. [Listed.]<sup>4,23</sup>
- 1908 *Megamelus* [sic] *notula* Whittaker, Hemip.-Homop. Lancashire and Cheshire :22. [Listed.]<sup>10</sup> Equals *Liburnia* [*notula* Germ.]

*Megamelus*

- 1908 *Megamelus notula* Oshanin, Verz. Palaeark. Hemip. 2 (3): 451. [Listed.]<sup>18,24</sup>
- 1910 *Megamelus notula* Lambertie, Misc. Ent. 18: 91. [Listed.]<sup>3</sup> Equals *Megamelus lineola* Stål [nec Germ.] Equals *Megamelus truncatipennis* Boh.
- 1912 *Megamelus notula* Butler, Ent. Monthly Mag. 48: 189. [Listed.]<sup>36</sup>
- 1912 *Megamelus notula* Oshanin, Kat. Paläark. Hemip. :117. [Listed.]<sup>22,25,26</sup> Equals *Megamelus truncatipennis* Boh. Equals *Megamelus lineola* Stål [nec Germ.]
- 1912 *Megamelus brevisfrons* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>7</sup>
- 1912 *Megamelus notulus* Sabransky, Mitt. Natur. Ver. Steiermark 48: 316. [Listed.]<sup>12</sup>
- 1912 *Megamelus notulus* Schmidt, Stett. Ent. Zeit. 73: 148. [Notes.]<sup>1</sup>
- 1912 *Megamelus notulus* MacGillavry, Ent. Berichten 3: 301. [Listed.]
- 1913 *Megamelus notulus* Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]<sup>12</sup>
- 1913 *Megamelus notulus* Melichar, Faune Walouyki Russie 7: 6. [Listed.]<sup>8</sup>
- 1914 *Megamelus notulus* Crawford, Mon. Delphacidae :609; Pl. 46, Fig. B; Pl. 47, Figs. H-J. [Described, illustrated.]<sup>10,16,18,20,27</sup> Equals *Delphax notulus* Germ. Equals *Liburnia notula* Edw. Equals *Delphax truncatipennis* Boh. Equals *Delphax lineola* Stål [nec Germ.] :605. [Key.]
- 1914 *Megamelus notulus* MacGillavry, Tijdschr. Ent. 57: 94. [Listed.]<sup>32</sup>
- 1914 *Megamelus notatus* [sic] Van Duzee, Psyche 21: 164. Equals *Achorotile albosignata* Van Duz. (nec Dahlb.)
- 1915 *Megamelus notulus* Jacobsen, Ent. Medd. 10: 318. [Listed.]<sup>28</sup>
- 1915 *Megamelus notulus* Jensen-Haarup, Flora och Fauna 1915: 102; Figs. 12a-e. [Described, illustrated.]<sup>28</sup>
- 1915 *Megamelus notula* Whittaker, Lancashire and Cheshire Nat. 1915: 159. [Listed.]<sup>10</sup>
- 1916 *Megamelus notulus* Van Duzee, Check List Hemip. America :83. [Listed.]<sup>29,30</sup> Equals *Megamelus truncatipennis* Boh. Equals *Megamelus lineola* Stål [nec Germ.]
- 1917 *Megamelus notulus* Van Duzee, Cat. Hemip. America :766. [Listed.]<sup>4,16,18,20,27,31</sup> Equals *Achorotile albosignatus* Van Duz. [nec Dahlb.] Equals *Delphax notulus* Germ. Equals *Liburnia notulus* Scott. Equals *Delphax truncatipennis* Boh. Equals *Delphax lineola* Stål [nec Germ.]
- 1919 *Megamelus notula* Muir, Canadian Ent. 51: 36. [Comparative note.]
- 1920 *Megamelus notula* Tullgren and Wahlgren, Svenska Insekter 1920: 152; Fig. 104g. [Notes, illustrated.]<sup>2</sup>
- 1920 *Megamelus notulus* Jensen-Haarup, Danmarks Fauna :37; Fig. 18. [Described, illustrated.]<sup>4,23,28</sup>
- 1922 *Megamelus notulus* MacGillavry, Ent. Berichten 6: 68. [Listed.]<sup>32</sup>
- 1923 *Megamelus notulus* Metcalf, Jour. Elisha Mitchell Soc. 38: 169; Pl. 68, Fig. 648. [Key, illustrated.] :203, 204, 205. [Comparative notes.]
- 1923 *Megamelus notulus* Van Duzee, Fulgoridae Hemip. Connecticut :48. [Key, notes.]<sup>16-18,20</sup>
- 1924 *Megamelus notula* Comstock, Intr. Ent. :409; Fig. 478. [Antenna illustrated.]
- 1924 *Megamelus notula* Lindberg, Acta. Soc. Fauna Flora Fennica 56: 45. [Listed.]<sup>7</sup> Equals *Megamelus brevisfrons* Reut.
- 1924 *Megamelus brevisfrons* Lindberg, Acta Soc. Fauna Flora Fennica 56: 39. [Notes.]<sup>7</sup> To *Megamelus notula* Germ.
- 1926 *Megamelus notula* Rémy-Perrier, Homop. Faune France 4: 92; Fig. MN. [Key, illustrated.]<sup>3</sup>
- 1927 *Megamelus notula* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 142. [Listed.]<sup>3</sup>
- 1928 *Megamelus notulus* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 16. [Ecology.]<sup>33</sup>
- 1928 *Megamelus notula* Filipieff, Guide to Insects :159. [Described.]
- 1928 *Megamelus notula* Ivanov, Mém. Acad. Sci. Ukraine 6: 197. [Listed.]<sup>8</sup>
- 1928 *Megamelus notula* Ivanov, Trav. Mus. Zool. 1928: 501. [Listed.]<sup>8</sup>
- 1928 *Megamelus notulus* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 180. [Listed.]<sup>16</sup>
- 1928 *Delphax notula* Sherborn, Index Animalium 17: 4420. [Listed.]
- 1930 *Megamelus notula* Britten, Check List Fauna Lancashire and Cheshire 1: 74. [Listed.]<sup>10</sup>
- 1931 *Megamelus notula* Rabeler, Zeits. Morph. Ökol. Tiere 21: 228. [Listed.]<sup>1</sup>



- 1931 *Delphax truncatipennis* Sherborn, Index Animalium 27: 6652. [Listed.]  
 1932 [*Megamelus*] *notula* Enderlein, Fauna von Deutschland 1932: 192. [Listed.]<sup>1</sup>  
 1934 *Megamelus notulus* Ossiannilsson, Ent. Tidskr. 55: 138. [Listed.]<sup>2</sup>  
 1934 *Megamelus notula* Thornley, Trans. Soc. British Ent. 1: 82. [Listed.]<sup>10</sup>  
 1935 *Megamelus notula* Haupt, Tierwelt Mitteleuropas 4 (3): 133; Fig. 213. [Key, illustrated.]<sup>36</sup>  
 1935 *Megamelus notula* Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 6. [Listed.]<sup>1</sup>  
 1935 *Megamelus notula* Halbert, Proc. R. Irish Acad. 42 [Sect. B] :310. [Listed.]<sup>6</sup>  
 1937 *Megamelus brevifrons* Kuntze, Arch. Nat. [n. f.] 6: 307, 325, 326, 327, 333, 350, 354, 372. [Ecology.]<sup>1</sup>  
 1938 *Megamelus notula* China, Ent. Monthly Mag. 74: 243; Fig. 5e. [Key, illustrated.]  
 1938 *Megamelus notulus* Osborn, Bull. Ohio Biol. Surv. 6: 334. [Key, described.]<sup>35</sup>  
 1939 *Megamelus notula* Lindberg, Acta Zool. Fennica 22: 85. [Parasites.]

*notula* var. *b* Sahlberg. See *Megamelus notula* var. *fuscus* Metcalf.

*notula* var. *c* Sahlberg. See *Megamelus notula* var. *pallidulus* Metcalf.

### *notula* var. *flavus* Crawford

- 1914 *Megamelus notulus flavus* Crawford, Mon. Delphacidae :609. [n. Colorado<sup>1</sup> var.]<sup>1</sup> :605. [Key.]  
 1916 *Megamelus notulus flavus* Van Duzee, Check List Hemip. America :83. [Listed.]  
 1917 *Megamelus notulus flavus* Van Duzee, Cat. Hemip. America :766. [Listed.]  
 1919 *Megamelus notula flavus* Muir, Canadian Ent. 51: 36. [Comparative note.]

### *notula* var. *fuscus* nom. nov. for *Megamelus notula* var. *b* Sahlberg

- 1871 *Megamelus notula* var. *b* Sahlberg, Not. Fennica (n.s.) 9 (12): 413. Finland<sup>1</sup> [n. var.]<sup>1</sup>

### *notula* var. *pallidulus* nom. nov. for *Megamelus notula* var. *c* Sahlberg

- 1871 *Megamelus notula* var. *c* Sahlberg, Not. Fennica (n.s.) 9 (12): 413. Finland<sup>1</sup> [n. var.]<sup>1</sup>

*obscurellus* Boheman. See *Delphacodes obscurella* Boheman.

*occlusus* Van Duzee. See *Delphacodes ocllusa* Van Duzee.

### *ornatipennis* Haupt

- 1927 *Megamelus ornatipennis* Haupt, Homop. Palestine 1: 9, Pl. 1, Palestine<sup>1</sup> Fig. 6. [n. sp., illustrated.]<sup>1</sup>

*osborni* Van Duzee. See *Delphacodes osborni* Van Duzee.

*pacificus* Crawford. See *Delphacodes pacifica* Crawford.

### *palaetus* Van Duzee

- 1897 *Stenocranus palaetus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: Florida<sup>1</sup> 232. [n. sp.]<sup>1</sup> :227. [Listed.] :231. [Comparative note.] Southern States<sup>2</sup>  
 1904 *Stenocranus palaetus* Swezey, Prelim. Cat. Fulgoridae North Mississippi<sup>3</sup> America 1904: 32. [Listed.]<sup>1</sup> New York<sup>4</sup>  
 1909 *Stenocranus palaetus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 9: 196. [Listed.]<sup>1</sup>  
 1914 *Stenocranus palaetus* Crawford, Mon. Delphacidae :591. [Listed.]<sup>1</sup> :587 [Key.]  
 1914 *Stenocranus palaetus* Barber, Bull. American Mus. Nat. Hist. 33: 528. [Listed.]<sup>1</sup>  
 1916 *Stenocranus palaetus* Van Duzee, Check List Hemip. America :83. [Listed.]<sup>2</sup>  
 1917 *Stenocranus palaetus* Van Duzee, Cat. Hemip. America :763. [Listed.]<sup>1</sup>  
 1921 *Stenocranus palaetus* Osborn, Florida Ent. 5: 18. [Listed.]<sup>1</sup>  
 1922 *Stenocranus palaetus* Dozier, Ohio Jour. Sci. 22: 75; Pl. 1, Fig. 2. [Described, illustrated.]<sup>1,3</sup> :70. [Key.] :76. [Comparative note.] :81. [Note.]  
 1923 *Megamelus palaetus* Metcalf, Jour. Elisha Mitchell Soc. 38: 168; Pl. 46, Fig. 107; Pl. 50, Fig. 405; Pl. 68, Fig. 645. [Key, illustrated.] :148. Equals *Stenocranus palaetus* Van Duz.



*Megamelus*

- 1924 [*Megamelus palaeus*] Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 10. [Note.] Equals *Stenocranus palaeus* Van Duz.  
 1928 *Stenocranus palaeus* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 180. [Listed.]<sup>4</sup>  
*pallidulus* Metcalf (var.). See *Megamelus notula* var. *pallidulus* Metcalf.  
*paludatus* Fowler. See *Liburnia paludata* Fowler.

**paludicola** Lindberg

- 1917 *Megamelus brevipfrons* [nec Reuter] Haupt, Wien. Ent. Zeit. 36: 260. [Described.]<sup>1</sup> Germany<sup>1</sup>  
 Poland<sup>2</sup>  
 1935 *Megamelus brevipfrons* Haupt, Tierwelt Mitteleuropas 4 (3): 134; Fig. 215. [Key, illustrated.] Great Britain<sup>3</sup>  
 England<sup>4</sup>  
 1937 *Megamelus paludicola* Lindberg, Not. Ent. 17: 59. [nom. nov. for [*Megamelus*] *brevipfrons* Haupt (nec Reut.)]<sup>1</sup>  
 1938 *Megamelus paludicola* China, Ent. Monthly Mag. 74: 197. [Listed.]<sup>5</sup> Equals *Megamelus brevipfrons* Haupt [nec Reut.] :242; Fig. 5e. [Notes, illustrated.]<sup>4</sup> Equals *Megamelus brevipfrons* Haupt [nec Reut.] :243. [Key.]  
 1938 *Megamelus paludicola* Nast, Fragm. Faun. Mus. Zool. Polonici 3: 433 (3). [Listed.]<sup>2</sup> Equals *Megamelus brevipfrons* Haupt [nec. Reut.]

**paludicola** var. **pilosa** Haupt

- 1935 *Megamelus brevipfrons pilosa* Haupt, Tierwelt Mitteleuropas 4 (3): 134. [n. var.]<sup>1</sup> Central Europe<sup>1</sup>  
*parvulus* Ball. See *Kelisia parvula* Ball.  
*patruelis* Stål. See *Delphacodes patruelis* Stål.  
*pellucidus* Fabricius. See *Delphacodes pellucida* Fabricius.

**persephone** Kirkaldy

- 1907 *Megamelus persephone* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 148; Pl. 14, Figs. 7-9. [n. sp., illustrated.]<sup>1</sup> :13. [Listed.] :147. [Comparative note.] Queensland<sup>1</sup>

**piceus** Van Duzee

- 1894 *Megamelus piceus* Van Duzee, Bull. Michigan Agr. Exp. Sta. 102: 8; Pl. 1, Figs. 5, 5a. [n. sp., illustrated.]<sup>1,2</sup> Michigan<sup>1</sup>  
 New York<sup>2</sup>  
 1894 *Megamelus piceus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 190. [Notes.]<sup>2</sup> Eastern States<sup>3</sup>  
 Ohio<sup>4</sup>  
 1894 *Megamelus piceus* Van Duzee, Exp. Sta. Rec. 5: 792. [Described.]<sup>1,2</sup>  
 1897 *Megamelus piceus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 234. [Described.]<sup>1,2</sup> :227 [Listed.] :235 [Comparative note.]  
 1904 *Megamelus piceus* Swezey, Prelim. Cat. Fulgoridae North America 1904: 34. [Listed.]<sup>1,2</sup>  
 1905 *Megamelus piceus* [sic] Pettit, Bull. Michigan Agr. Exp. Sta. 233: 25; Pl. 1, Fig. 5. [Illustrated.]  
 1914 [*Megamelus*] *piceus* Crawford, Mon. Delphacidae :629. [Comparative note.]  
 1914 *Megamelus piceus* Crawford, Mon. Delphacidae :630. [Listed.]<sup>1,2</sup> :605. [Key.]  
 1916 *Megamelus piceus* Van Duzee, Check List Hemip. America :83. [Listed.]<sup>3</sup>  
 1917 *Megamelus piceus* Van Duzee, Cat. Hemip. America :766. [Listed.]<sup>1,2</sup>  
 1923 *Megamelus piceus* Van Duzee, Fulgoridae Hemip. Connecticut :48. [Key, notes.]<sup>1,2</sup>  
 1923 *Megamelus piceus* Metcalf, Jour. Elisha Mitchell Soc. 38: 169; Pl. 69, Fig. 655. [Key, illustrated.]  
 1928 *Megamelus piceus* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 180. [Listed.]<sup>2</sup>  
 1938 *Megamelus piceus* Osborn, Bull. Ohio Biol. Surv. 6: 334. [Key.] :335. [Described.]<sup>4</sup>  
*piceus*. Typographical error for *Megamelus piceus* Van Duzee.  
*pilosa* Haupt (var.). See *Megamelus paludicola* var. *pilosa* Haupt.

**proserpina** Kirkaldy

- 1907 *Megamelus proserpina* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 147; Pl. 10, Figs. 5-7; Pl. 12, Figs. 19-21. [n. sp., illustrated.]<sup>1</sup> Fiji<sup>1</sup>  
Philippine  
Islands<sup>2</sup>
- 1917 *Megamelus proserpina* Muir, Proc. Hawaiian Ent. Soc. 3: 327. [Listed, comparative notes.]<sup>1,2,3,4,5</sup> Queensland<sup>3</sup>  
Amboyna
- 1921 *Megamelus proserpina* Muir, Proc. Hawaiian Ent. Soc. 4: 576. [notes.]<sup>1,2,4,5,6</sup> Malaysia<sup>4</sup>  
Java<sup>5</sup>
- 1924 *Megamelus proserpina* Swezey, Proc. Hawaiian Ent. Soc. 5: 392. [Economics.]<sup>1,2,5</sup> Savage Island  
(Polynesia)<sup>6</sup>
- 1927 *Megamelus proserpina* Hopkins, Bull. Ent. Res. 18: 24. [Economics.]<sup>1,2,5,8,12,15</sup> New Hebrides  
Islands<sup>7</sup>
- 1927 *Megamelus proserpina* Muir, Fulgoroidea of Samoa :10. [Notes.]<sup>1,2,3,4,5,8</sup> Samoa<sup>8</sup>  
Tahiti<sup>9</sup> (Low  
Archipelago)
- 1927 *Megamelus proserpina* Muir, Ann. Mag. Nat. Hist. (9) 20: 87. [Listed.]<sup>9,10</sup> Society Islands<sup>10</sup>
- 1931 *Megamelus proserpina* Muir, Rec. Australian Mus. 18: 72. [Listed.]<sup>7</sup> Guam<sup>11</sup>  
Hawaiian  
Islands<sup>12</sup>
- 1936 *Megamelus proserpina* Swezey, Hawaiian Plant. Rec. 40: 310. [Economics.]<sup>11</sup> Manila<sup>13</sup>
- 1937 *Megamelus proserpina* Fullaway, Proc. Hawaiian Ent. Soc. 9: 405. [Economics.]<sup>12</sup> (Philippine  
Islands)
- 1940 *Megamelus proserpina* Fullaway, Proc. Hawaiian Ent. Soc. 10: 412. [Parasites.]<sup>13,14</sup> Los Banos<sup>14</sup>  
(Philippine  
Islands)
- 1940 *Megamelus proserpina* Swezey, Hawaiian Plant Rec. 44: 166. [Economics.]<sup>11</sup> Tonga Island<sup>15</sup>  
(Pacific Ocean)

**proserpinoides** Muir

- 1917 *Megamelus proserpinoides* Muir, Proc. Hawaiian Ent. Soc. 3: 327. [n. sp.] Mindanao<sup>1</sup>  
(Philippine  
Islands)

*puellis* Van Duzee. See *Delphacodes puella* Van Duzee.

*puellis* var. *mexicanus* Crawford. See *Liburnia mexicana* Crawford

**quadrinaculatus** Signoret

- 1865 *Delphax quadrinaculatus* Signoret, Ann. Soc. Ent. France (4) 5: 130. [n. sp.]<sup>1</sup> France<sup>1</sup>  
Germany<sup>2</sup>
- 1872 *Liburnia quadrinaculata* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>1</sup> Belgium<sup>3</sup>  
British Isles<sup>4</sup>
- 1874 *Liburnia quadrinaculata* Lethierry, Cat. Hémip. Dept. du Nord 2 Ed. :258 (54). [Listed.]<sup>1</sup> England<sup>5</sup>  
Central Europe<sup>6</sup>
- 1875 *Delphax quadrinaculata* Puton, Cat. Hémip. d'Europe 2 Ed. :120. [Listed.]<sup>1</sup> Ireland<sup>7</sup>
- 1880 *Delphax 4-maculata* Hervé, Bull. Soc. Étude Sci. Finistère 10: 36. [Listed.]<sup>1</sup>
- 1880 *Delphax quadrinaculata* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 56. [Listed.]<sup>1</sup>
- 1884 *Delphax quadrinaculata* Mayr, Tabellen :21. [Listed.]<sup>2</sup>
- 1886 *Delphax quadrinaculata* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>1</sup>
- 1890 *Delphax quadrinaculata* Dominique, Ann. Soc. Acad. Loire-Inférieure 1890: 110 (26). [Listed.]<sup>1</sup>
- 1892 *Delphax quadrinaculata* (?) Cobeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>3</sup>
- 1892 *Delphax quadrinaculata* Dominique, Bull. Soc. Sci. Nat. Ouest France 2: 116. [Listed.]<sup>1</sup>
- 1894 *Liburnia (Megamelus) quadrinaculata* Edwards, Hemip.-Homop. British Islands Pt. 1: 32; Pl. 4, Figs. 5, 5a, 6. [Key, illustrated.]

*Megamelus*

- 1894 *Liburnia quadrimaculata* Edwards, Hemip.-Homop. British Islands Pt. 2: 38. [Described.]<sup>4</sup>
- 1894 *Liburnia quadrimaculata* Edwards, Trans. Nat. Soc. Norwich 5: 650. [Listed.]<sup>5</sup>
- 1898 *Delphax quadrimaculata* Dubois, Mém. Soc. Linn. Nord France 9: 235. [Listed.]<sup>1</sup>
- 1899 *Delphax quadrimaculata* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :108. [Listed.]
- 1901 *Delphax quadrimaculata* Lambertie, Act. Soc. Linn. Bordeaux 56: 217 (89). [Listed.]<sup>1</sup>
- 1902 *Delphax quadrimaculata* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) 2: 223. [Listed.]<sup>1</sup>
- 1904 *Delphax quadrimaculata* Hübner, Syst. Verz. Deutschen Zikadinen :269. [Listed.]<sup>2</sup>
- 1907 *Megamelus quadrimaculatus* Oshanin, Verz. Palaeark. Hemip. 2 (2) :301. [Listed.]<sup>1,2,4</sup>
- Equals *Delphax quadrimaculata* Sign. Equals *Liburnia (Megamelus) quadrimaculatus* Edw.
- 1908 *Megamelus quadrimaculatus* Saunders and Edwards, Cat. British Hemiptera 1908: 14. [Listed.]<sup>4</sup>
- 1910 *Delphax quadrimaculata* Lambertie, Misc. Ent. 18: 92. [Listed.]<sup>1</sup>
- 1912 *Megamelus quadrimaculatus* Oshanin, Kat. Paliark. Hemip. :118. [Listed.]<sup>1,2,5</sup>
- 1935 *Megamelus iv-maculatus* Halbert, Proc. R. Irish Acad. 42 (Sect. B):310. [Listed.]<sup>7</sup>
- 1935 *Megamelus quadrimaculatus* Haupt, Tierwelt Mitteleuropas 4 (3): 134. [Key.]<sup>6</sup>
- 1938 *Megamelus quadrimaculata* China, Ent. Monthly Mag. 74: 243; Fig. 5b. [Key, illustrated.]

*rectangularis* Crawford. See *Delphacodes rectangularis* Crawford.

*reductus* Van Duzee. See *Delphacodes reducta* Van Duzee.

*rotundatus* Crawford. See *Delphacodes rotundata* Crawford.

*sagatus* Fowler. See *Delphacodes sagata* Fowler.

*salinus* Ball. See *Kelisia salina* Ball.

*scutellaris* Berg

- 1883 *Megamelus scutellaris* Berg, An. Soc. Cient. Argentina 16: 235. Argentina<sup>1</sup>  
[n. sp.]<sup>1</sup>

1884 *Megamelus scutellaris* Berg, Add. Hemip. Argentina :141. [n. sp.]<sup>1</sup>

1914 *Megamelus scutellaris* Crawford, Mon. Delphacidae :631. [Listed.]<sup>1</sup> :605. [Key.]

1926 *Megamelus scutellaris* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 37. [Listed.]

*seminegra*. Typographical error for *Megamelus seminiger* Stål. See *Delphacodes seminegra* Stål.

*seminiger* Stål. See *Delphacodes seminegra* Stål.

*setigerus* Osborn. See *Prokelisia setigera* Osborn.

*slossoni* Ball. See *Chloriona slossoni* Ball.

*sponsa* Kirkaldy

- 1907 *Megamelus sponsa* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: Queensland<sup>1</sup>  
148; Pl. 10, Figs. 8, 9 [n. sp., illustrated.]<sup>1</sup> :13 [Listed.]

*stejnegeri* Ashmead. See *Delphacodes stejneri* Ashmead.

*teapae* Fowler. See *Delphacodes teapae* Fowler.

*teapae* var. *albinotatus* Crawford. See *Delphacodes albinotata* Crawford.

*terminalis* Crawford [nec Van Duzee.] See *Delphacodes wetmorei* Muir and Giffard.

*terminalis* Van Duzee. See *Delphacodes propinqua* Fieber.

*thoulessi* Edwards. See *Megamelus venosus* Germar.

*timehri* Muir

- 1919 *Megamelus timehri* Muir, Canadian Ent. 51: 36; Fig. 9. [n. sp., British Guiana<sup>1</sup>  
illustrated.]<sup>1</sup>

1926 *Megamelus timehri* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 37. [Listed.]

*truncatipennis* Boheman. See *Megamelus notula* Germar.

## uncus Metcalf

- 1923 *Megamelus uncus* Metcalf, Jour. Elisha Mitchell Soc. 38: 204; Pl. 59, Figs. 410, 411; Pl. 68, Fig. 651. [n. sp., illustrated.] :169. [Key.] :150. [Listed.] Quebec<sup>1</sup>

*univittatus* Berg. See *Delphacodes univittata* Berg.

*vanduzeei* Crawford. See *Delphacodes detecta* Van Duzee.

## venosus Germar

- 1830 *Delphax venosa* Germar, Thon. Ent. Archiv. 2: 57. [n. sp.]<sup>1</sup> Equals Sweden<sup>1</sup>  
*Delphax pellucida* Fall. [error.] Europe<sup>2</sup>
- 1835 *Delphax venosa* Herrich-Schäffer, Nom. Ent. 1: 107. To *Delphax pellucida* Fabr. [error.] France<sup>3</sup>  
Germany<sup>4</sup>
- 1836 *Delphax venosa* Herrich-Schäffer, Deutschlands Ins. 143: 18. To England<sup>5</sup>  
*Delphax pellucida* Fabr. [error.] Finland<sup>6</sup>
- 1850 *Delphax venosa* Schaum, Allg. Encykl. Ersch und Gruber 51: 69. British Isles<sup>7</sup>  
To *Delphax pellucida* Fall. [error.] Estonia<sup>8</sup>
- 1851 *Delphax venosa* Walker, List Homop. British Mus. 2: 351. To Switzerland<sup>9</sup>  
*Delphax pellucida* Fabr. [error.] Scandinavia<sup>10</sup>
- 1859 *Delphax venosa* Dohrn, Cat. Hemip. :61. [Listed.]<sup>2</sup> Russia<sup>11</sup>
- 1861 *Delphax rhypara* Flor, Rhynch. Livlands 2: 48. [n. sp.]<sup>3</sup> :35. Austria<sup>12</sup>  
[Key.] Belgium<sup>13</sup>
- 1865 *Delphax venosa* Frey-Gessner, Mitth. Schweizerischen Ent. Ges. 1: Transcaucasus<sup>14</sup>  
31. [Listed.]<sup>9</sup> Hungary<sup>16</sup>
- 1868 *Delphax nitidula* Kirschbaum, Cicad. Wiesbaden :36. [n. sp.]<sup>4</sup> Yugoslavia<sup>17</sup>
- 1870 *Liburnia venosa* Scott, Ent. Monthly Mag. 7: 26. [Key.] :70 Central  
[Comparative note.] Europe<sup>18</sup>
- 1870 *Liburnia melanopachys* Scott, Ent. Monthly Mag. 7: 70. [n. sp.]<sup>5</sup> Albania<sup>19</sup>  
:26. [Key.] Denmark<sup>20</sup>
- 1871 *Liburnia curtula* Sahlberg, Not. Fennica (n. s.) 9 (12): 450. [n. sp.]<sup>6</sup> North Europe<sup>21</sup>  
:424. [Key.] :58. [Listed.]<sup>6</sup> :25, 30 [Ecology.]
- 1872 *Liburnia venosa* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>2</sup> Equals *Liburnia rhypara* Flor. Equals *Liburnia nitidula* Kirschb.
- 1872 *Liburnia melanopachys* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>5</sup>
- 1872 *Liburnia venosa* Fieber, Verh. Zool. Bot. Ges. Wien. 22: 29. Equals *Delphax nitidula* Kirschb. Equals *Liburnia rhypara* Flor.
- 1875 *Delphax venosa* Puton, Cat. Hémip. d'Europe 2 Ed. :120. [Listed.]<sup>2</sup> Equals *Delphax curtula* Sahlb. Equals *Delphax rhypara* Flor. Equals *Delphax nitidula* Kirschb.
- 1875 *Liburnia venosa* Reuter, Öfv. Svenska Vet.Akad. Förh. 32: 58. [Described.] Equals *Delphax rhypara* Flor. Equals *Liburnia curtula* Sahlb.
- 1875 *Delphax melanopachys* Puton, Cat. Hémip. d'Europe 2 Ed. :120. [Listed.]<sup>7</sup>
- 1876 *Liburnia venosa* Douglas and Scott, Cat. British Hemiptera :68. [Listed.]<sup>7</sup> Equals *Delphax venosa* Germ. Equals *Delphax nitidula* Kirschb. Equals *Delphax rhypara* Flor.
- 1876 *Liburnia melanopachys* Douglas and Scott, Cat. British Hemip. :68. [Listed.]<sup>7</sup>
- 1879 *Liburnia venosa* Fieber, Cicad. d'Europe Pt. 4: 99 (35). [Key.]<sup>3,4,5,8,9</sup> Equals *Delphax venosa* Germ. Equals *Delphax rhypara* Flor. Equals *Delphax nitidula* Kirschb. :137 (73). [Key.]
- 1879 *Liburnia melanopachys* Fieber, Cicad. d'Europe Pt. 4: 100 (36). [Key.]<sup>6</sup>
- 1883 *Liburnia venosa* Reuter, Medd. Soc. Fauna Fl. Fennica 9: 77. [Listed.]<sup>6</sup>
- 1884 *Delphax venosa* Mayr, Tabellen :21. [Listed.]<sup>4,9</sup>
- 1886 *Delphax venosa* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>3,4,7,10,11</sup>  
Equals *Delphax curtula* Sahlb. Equals *Delphax rhypara* Flor. Equals *Delphax nitidula* Kirschb.
- 1886 *Delphax venosa* Then, Kat. Österreichischen Cicad. 1886: 15. [Listed.]<sup>2</sup>
- 1886 *Liburnia venosa* Edwards, Syn. British Homop.-Cicadina Pt. 1: 83; Pl. I, Fig. 8. [Described, illustrated.]<sup>7</sup> Equals *Delphax venosa* Germ. Equals *Delphax rhypara*



*Megamelus*

- Flor. Equals *Delphax nitidula* Kirschb. Equals *Liburnia curtula* Sahlb. :58. [Key.] :72 [Comparative note.]
- 1886 *Liburnia melanopachys* Edwards, Syn. British Homop.-Cicadina Pt. 1: 72. [Described.]<sup>7</sup> :59. [Key.]
- 1886 *Delphax melanopachys* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>7</sup>
- 1889 *Liburnia venosa* Edwards, Trans. Nat. Soc. Norwich 4: 706. [Listed.]<sup>5</sup>
- 1890 *Liburnia venosa* Saunders and Edwards, Cat. British Hemiptera 1890: 12. [Listed.]<sup>7</sup>
- 1890 *Liburnia venosa* Buckton, Mon. British Cicadae 2: 41; Pl. XLI, Fig. 14. [Described, illustrated.]<sup>7</sup> Equals *Delphax venosa* Germ. Equals *Delphax rhypara* Flor. Equals *Delphax nitidula* Kirschb. Equals *Liburnia curtula* Sahlb.
- 1890 *Liburnia venosa* Buckton, Mon. British Cicadae 3: 65, 66. [Synopsis.]
- 1890 *Liburnia melanopachys* Buckton, Mon. British Cicadae 2: 64. [Listed.]
- 1890 *Liburnia melanopachys* Buckton Mon. British Cicadae 3: 65. [Notes.]
- 1890 *Liburnia melanopachys* Saunders and Edwards, Cat. British Hemiptera 1890: 11. [Listed.]<sup>7</sup>
- 1892 *Delphax venosa* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>13</sup>
- 1894 *Delphax venosa* Horváth, Rev. Ent. 13: 177. [Listed.]<sup>11,14</sup>
- 1894 *Liburnia venosa* Edwards, Hemip.-Homop. British Islands Pt. 1: Pl. i, Fig. 8. [Illustrated.]
- 1894 *Liburnia venosa* Edwards, Hemip.-Homop. British Islands Pt. 2: 63, Pl. 7, Fig. 5. [Described, illustrated.]<sup>7</sup> :50 [Comparative note.]
- 1894 *Liburnia (Kelisia) venosa* Edwards, Hemip.-Homop. British Islands Pt. 2: 33. [Key.]
- 1894 *Liburnia melanopachys* Edwards, Hemip.-Homop. British Islands Pt. 2: 50. [Described.]<sup>7</sup> :34. [Key.]
- 1894 *Liburnia thoulessi* Edwards, Hemip.-Homop. British Islands Pt. 2: 39. [n. sp.]<sup>6</sup>
- 1894 *Liburnia (Megamelus) thoulessi* Edwards, Hemip.-Homop. British Islands Pt. 1: 32; Pl. 4, Fig. 6a. [Key, illustrated.]
- 1896 *Liburnia venosa* Melichar, Cicad. Mittel-Europa :85; Pl. v, Figs. 32, 33. [Described, illustrated.]<sup>2,4</sup> Equals *Delphax rhypara* Flor. Equals *Delphax nitidula* Kirschb. :72. [Key.]
- 1897 *Delphax venosa* Horváth, Fauna Regni Hungariae :57. [Listed.]<sup>16</sup>
- 1898 *Delphax venosa* Dubois, Mém. Soc. Linn. Nord France 9: 235. [Listed.]<sup>3</sup>
- 1899 *Delphax venosa* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>3,4,6,7,10,11,12</sup> Equals *Delphax curtula* Sahlb. Equals *Delphax rhypara* Flor. Equals *Delphax nitidula* Kirschb.
- 1899 *Delphax melanopachys* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>7</sup>
- 1903 *Delphax venosa* Horváth, Ann. Mus. Nat. Hungarici 1: 28. [Listed.]<sup>17</sup>
- 1904 *Delphax venosa* Hüeber, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>4</sup> Equals *Delphax curtula* Sahlb. Equals *Delphax rhypara* Flor. Equals *Delphax nitidula* Kirschb.
- 1907 *Delphax venosa* Oshanin, Verz. Palaeark. Hemip. 2 (2): 321. [Listed.]<sup>3,4,6,7,8,9,11,16</sup> Equals *Delphax rhypara* Flor. Equals *Delphax nitidula* Kirschb. Equals *Liburnia curtula* Sahlb. Equals *Liburnia venosa* Scott.
- 1907 *Delphax venosa* Oshanin, Cat. Homop. St. Pétersbourg 1907: 247 (35). [Listed.]<sup>11</sup> Equals [*Delphax*] *curtula* Sahlb. Equals [*Delphax*] *rhypara* Flor.
- 1907 *Delphax melanopachys* Oshanin, Verz. Palaeark. Hemip. 2 (2): 322. [Listed.]<sup>7</sup> Equals *Liburnia melanopachys* Scott.
- 1907 *Megamelus thoulessi* Oshanin, Verz. Palaeark. Hemip. 2 (2): 301. [Listed.]<sup>7</sup> Equals *Liburnia (Megamelus) thoulessi* Edw.
- 1908 *Delphax venosa* Saunders and Edwards, Cat. British Hemiptera 1908: 15. [Listed.]<sup>7</sup>
- 1908 *Delphax melanopachys* Saunders and Edwards, Cat. British Hemiptera 1908: 15. [Listed.]<sup>7</sup>
- 1908 *Megamelus thoulessi* Saunders and Edwards, Cat. British Hemiptera 1908: 14 [Listed.]<sup>7</sup>
- 1912 *Delphax venosa* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>18</sup> Equals *Delphax rhypara* Flor. Equals *Delphax nitidula* Kirschb. Equals *Delphax curtula* Sahlb.

- 1912 *Delphax melanopachys* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>5</sup>  
 1912 *Megamelus thoulessi* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>5</sup>  
 1915 *Liburnia venosa* Jensen-Haarup, Kobenhavn Flora og Fauna 1915: 141. [Key.]  
 1916 *Liburnia venosa* Horváth, Ann. Mus. Nat. Hungarici 14: 16. [Listed.]<sup>19</sup>  
 1918 *Liburnia venosa* Horváth, Ann. Mus. Nat. Hungarici 16: 331. [Listed.]<sup>17</sup>  
 1920 *Liburnia venosa* Jensen-Haarup, Danmarks Faune :54. [Described.]<sup>20,21</sup> Equals *Liburnia rhypara* Flor. :47. [Key.]  
 1924 *Liburnia venosa* Lindberg, Acta Soc. Fauna Flor Fennica 56: 46. [Listed.]<sup>6</sup> Equals *Liburnia curtula* Sahlb.  
 1924 *Liburnia venosa* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 15. [Note.]  
 1924 *Liburnia venosa* Edwards, Ent. Monthly Mag. 60: 57. Equals *Liburnia melanopachys* Scott.  
 1927 *Delphax venosa* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 144. [Listed.]<sup>3</sup>  
 1928 *Megamelus thoulessi* Ribaut, Bull. Soc. Hist. Nat. Toulouse 57: 175 (5). [Notes.]<sup>3,5</sup>  
 1929 *Megamelus thoulessi* China, Ent. Monthly Mag. 65: 250. [Listed.]<sup>7</sup> Equals *Liburnia thoulessi* Edw.  
 1931 *Megamelus venosus* Rabeler, Zeits. Morph. Ökol. Tiere 21: 228. [Listed.]<sup>4</sup>  
 1932 *Delphax venosa* Sherborn, Index Animalium 28: 6839. [Listed.]  
 1933 *Liburnia venosa* Hainmüller, Arch. Ver. Freunde Nat. Mecklenburg (n. f.) 7: 46. [Listed.]<sup>4</sup>  
 1934 *Delphax venosa* Ossiannilsson, Ent. Tidskr. 55: 139. [Listed.]<sup>1</sup>  
 1935 *Liburnia venosa* Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 8. [Listed.]<sup>4</sup>  
 1935 *Megamelus venosus* Haupt, Tierwelt Mitteleuropas 4 (3): 134; Fig. 214. [Key, illustrated.]<sup>2</sup> :129; Fig. 208. [Illustrated.]  
 1935 *Megamelus venosus thoulessi* Haupt, Tierwelt Mitteleuropas 4 (3): 134. [Notes.]  
 1935 *Megamelus venosus* Karl, Dohrniana. 14: 140. [Listed.]<sup>4</sup>  
 1937 *Megamelus venosus* Kuntze, Arch. Nat. (n. f.) 6: 327, 333, 344, 354. [Ecology.]<sup>4</sup>  
 1938 *Megamelus venosus* China, Ent. Monthly Mag. 74: 197. [Listed.]<sup>7</sup> Equals *Megamelus thoulessi* Edw. :243; Fig. 5a. [Key, illustrated, comparative note.] Equals *Liburnia thoulessi* Edw.
- venosus* var. *thoulessi* Edwards. See *Megamelus venosus* Germar.

Genus **BAKERELLA** Crawford

Orthotype *Bakerella maculata* [n. sp.] 1914 Crawford, Mon. Delphacidae :601.

- Bakerella 1914 Crawford, Mon. Delphacidae :601. [gen. n.]: 563. [Key.]  
 1915 Muir, Canadian Ent. 47: 212, 261. [Listed.] :300. [Key.]  
 1917 Muir, Proc. Hawaiian Ent. Soc. 3: 331. [Listed.]  
 1924 Muir, and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 5. [Key.]  
 1926 Schulze, Kükenthal and Heider, Nomenclator animalium 1 (3): 364. [Listed.]  
 1939 Neave, Nomenclator Zoologicus 1: 385. [Listed.]

**maculata** Crawford

- 1914 *Bakerella maculata* Crawford, Mon. Delphacidae :601; Pl. 47, Mexico<sup>1</sup>  
 Fig. D. [n. sp., illustrated.]<sup>1,2</sup> Texas<sup>2</sup>  
 1917 *Bakerella maculata* Muir, Proc. Hawaiian Ent. Soc. 3: 331. [De- Ohio<sup>3</sup>  
 scribed.]<sup>1</sup> :316. [Notes.] Mississippi<sup>4</sup>  
 1923 *Bakerella maculata* Metcalf, Jour. Elisha Mitchell Soc. 38: 166;  
 Pl. 45, Fig. 98; Pl. 58. Figs. 382-383; Pl. 62, Fig. 491; Pl. 65, Fig. 544; Pl. 68, Fig.  
 630. [Key, illustrated.] :149. [Listed.]  
 1926 *Bakerella maculata* Dozier, Jour. New York Ent. Soc. 34: 257. [Described.]<sup>3,4</sup>  
 1928 *Bakerella maculata* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 16. [Ecology.]<sup>4</sup>

## Genus RHINOTETTIX Stål

Haplotype *Rhinotettix fuscipennis* [n. sp.] 1855 Stål, Öfv. Svenska Vet. Akad. Förh. 12: 93.

Type *Rhinotettix fuscipennis* 1915 Muir, Canadian Ent. 47: 267.

- Rhinotettix 1853 Stål, Öfv. Svenska Vet. Akad. Förh. 10: 265. [gen. n.]  
 1855 Stål, Öfv. Svenska Vet. Akad. Förh. 12: 93. [Listed.]  
 1859 Dohrn, Cat. Hemip. :62. [Listed.]  
 1866 Stål, Hemip. Africana 4: 176. [Key.] :177. [Described.]  
 1873 Marschall, Nomenclator Zoologicus 1873: 379. [Listed.]  
 1882 Scudder, Nomenclator Zoologicus Univ. Index :278. [Listed.]  
 1889 Ashmead, Ent. Americana 5: 26. [Key.]  
 1915 Muir, Canadian Ent. 47: 212, 267. [Listed.]  
 1926 Muir, Ann. Mag. Nat. Hist. (9) 17: 23. [Listed.]  
 1929 Muir, Ann. Mag. Nat. Hist. (10) 4: 192. [Listed.]  
 1934 Muir, Ann. Mag. Nat. Hist. (10) 14: 577. [Comparative note.]  
 1936 Schulze, Kükenthal and Heider, Nomenclator animalium 5 (21) :3036. [Listed.]  
 1940 Neave, Nomenclator Zoologicus 4: 47. [Listed.]

**fuscipennis** Stål

- 1855 *Rhinotettix fuscipennis* Stål, Öfv. Svenska Vet. Akad. Förh. 12: 93. [n. sp.]<sup>1</sup> Natal<sup>1</sup>  
 Cape Province<sup>2</sup>  
 1859 *Rhinotettix fuscipennis* Dohrn, Cat. Hemip. :62. [Listed.]<sup>1</sup> Transvaal<sup>3</sup>  
 1866 *Rhinotettix fuscipennis* Stål, Hemip. Africana 4: 177. [Described.]<sup>1</sup>  
 1926 *Rhinotettix fuscipennis* Muir, Ann. Mag. Nat. Hist. (9) 17: 23; Figs. 17, 18. [Notes, illustrated.]<sup>2</sup>  
 1929 *Rhinotettix fuscipennis* Muir, Ann. Mag. Nat. Hist. (10) 4: 192. [Listed.]<sup>2,3</sup>

## Genus BOSTAERA Ball

- Orthotype *Bostaera nasuta* [n. sp.] 1902 Ball, Canadian Ent. 34: 266.  
 Type *Bostaera nasuta* 1914 Crawford, Mon. Delphacidae :578.  
 Type *Bostaera nasuta* 1915 Muir, Canadian Ent. 47: 261.  
 Orthotype *Bostaera nasuta* 1916 Van Duzee, Check List Hemip. America :84.  
 Orthotype *Bostaera nasuta* 1917 Van Duzee, Cat. Hemip. America :771.  
 Type *Bostaera nasuta* 1925 Muir, Canadian Ent. 57: 279.

[*Cochise* Kirkaldy]

- [Haplotype *Cochise apacheanus* [n. sp.] 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 4: 63.]  
 [Type *Cochise apacheanus* 1915 Muir, Canadian Ent. 47: 262.]  
 [Haplotype *Cochise apacheanus* 1917 Van Duzee, Cat. Hemip. America :771.]  
 [Type *Cochise apacheanus* 1925 Muir, Canadian Ent. 57: 279.]

[*Tricranoneura* Horváth]

- [Haplotype *Delphacodes bolivari* 1922 Horváth, Ann. Mus. Nat. Hungarici 19: 129.]  
 [Type *Delphacodes bolivari* 1925 Muir, Canadian Ent. 47: 279.]

- Bostaera 1902 Ball, Canadian Ent. **34**: 266. [gen. n.]  
 1904 Swezey, Prelim. Cat. Fulgoridae North America **1904**: 37. [Listed.]
- Cochise* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **4**: 63. [gen. n.] :60. [Listed.]  
 1912 Waterhouse, Index Zool. **II**: 61. [Listed.]
- Bostaera 1912 Waterhouse, Index Zool. **II**: 38. [Listed.]  
 1913 Muir, Proc. Hawaiian Ent. Soc. **2**: 239. [Listed.] :238. [Comparative note.] Equals *Cochise* (?) Kirk.  
 1914 Crawford, Mon. Delphacidae :577. [Described.] :563. [Key.]  
 1914 Crawford, Mon. Delphacidae :576. [Described.] :562. [Key.]  
 1914 Van Duzee, Psyche **21**: 164. [Notes.]
- Bostaera 1915 Muir, Canadian Ent. **47**: 261. [Listed.] Equals *Cochise* Kirk. :296. [Key.] :212. [Listed.]
- Cochise* 1915 Muir, Canadian Ent. **47**: 262. To *Bostaera* Ball.
- Bostaera 1916 Van Duzee, Check List Hemip. America :84. [Listed.] Equals *Cochise* Kirk.  
 1917 Van Duzee, Cat. Hemip. America :771. [Listed.] Equals *Cochise* Kirk.
- Tricranoneura* 1922 Horváth, Ann. Mus. Nat. Hungarici **19**: 129. [subgen. n.]
- Bostaera 1923 Metcalf, Jour. Elisha Mitchell Soc. **38**: 142. [Morphology.]  
 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 4. [Key.]  
 1925 Muir, Canadian Ent. **57**: 279. [Listed.] Equals *Cochise* Kirk. Equals *Tricranoneura* Horv.  
 1926 Schulze, Kükenthal and Heider, Nomenclator animalium **1** (3): 426. [Listed.]
- Cochise* 1927 Schulze, Kükenthal and Heider, Nomenclator animalium **2** (7): 741. [Listed.]
- Bostaera 1929 Muir, Ann. Mag. Nat. His. (10) **4**: 191. [Notes.]  
 1938 Brimley, Insects of North Carolina **1938**: 103. [Listed.]  
 1939 Neave, Nomenclator Zoologicus **1**: 455. [Listed.]
- Cochise* 1939 Neave, Nomenclator Zoologicus **1**: 781. [Listed.]
- Tricranoneura* 1940 Neave, Nomenclator Zoologicus **4**: 552. [Listed.]

**bolivari** Melichar

- 1901 *Delphacodes bolivari* Melichar, Wien. Ent. Zeit. **20**: 56. [n. sp.]<sup>1</sup> :55. Spain<sup>1</sup>  
 [Key.] Palestine<sup>2</sup>
- 1907 *Delphacodes bolivari* Oshanin, Verz. Palaeark. Hemip. **2**(2): 299. Portugal<sup>3</sup>  
 [Listed.]<sup>1</sup> Spain (?)<sup>4</sup>
- 1912 *Delphacodes bolivari* Oshanin, Kat. Paläark. Hemip. :117. [Listed.]<sup>1,3</sup>
- 1922 *Pseudaraeopus bolivari* Horváth, Ann. Mus. Nat. Hungarici **19**: 130; Figs. 1, 2. [Described, illustrated.]<sup>1</sup> Equals *Delphacodes bolivari* Mel.
- 1925 *Bostaera bolivari* Muir, Canadian Ent. **57**: 279. [Listed.]<sup>4</sup> Equals *Tricranoneura bolivari* Mel. Equals *Delphacodes bolivari* Mel. Equals *Pseudaraeopus bolivari* Mel.
- 1927 *Pseudaraeopus (Tricranoneura) bolivari* Haupt, Homp. Palestine **1**: 9; Pl. 1, Figs. 4a-b, 5. [Described, illustrated.]<sup>2</sup>
- 1934 *Bostaera bolivari* Muir, Ann. Mag. Nat. Hist. (10) **14**: 576. [Comparative note.]<sup>1</sup>

**horváthi** Muir

- 1934 *Bostaera horváthi* Muir, Ann. Mag. Nat. Hist. (10) **14**: 576; Figs. 15, 15a. [n. sp., illustrated.]<sup>1</sup> South West Africa<sup>1</sup>

**nasuta** Ball

- 1902 *Bostaera nasuta* Ball, Canadian Ent. **34**: 266. [n. sp.]<sup>1</sup> Colorado<sup>1</sup>
- 1904 *Bostaera nasuta* Swezey, Prelim. Cat. Fulgoridae North America **1904**: 37. [Listed.]<sup>1</sup> Arizona<sup>2</sup>  
 Florida<sup>3</sup>
- 1907 *Cochise apacheanus* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **4**: 64. [n. sp.]<sup>2</sup> :60. [Listed.]<sup>1</sup> North Carolina<sup>4</sup>  
 Southern States<sup>5</sup>
- 1909 *Bostaera nasuta* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **9**: 200. [Notes.]<sup>3,1</sup> Southwestern States<sup>6</sup>



*Bostaera*—*Nataliana*—*Curtometopum*—*Saccharosydne*

- 1913 *Cochise apache* [sic] Muir, Proc. Hawaiian Ent. Soc. 2: 239; Pl. 6, Georgia<sup>7</sup>  
Figs. 3, 3a. [Illustrated.] America<sup>8</sup>
- 1914 *Bostaera nasuta* Crawford, Mon. Delphacidae :578. [Listed.]<sup>1</sup>
- 1914 *Cochise apacheanus* Crawford, Mon. Delphacidae :577. [Listed.]<sup>2</sup>
- 1914 *Bostaera nasuta* Van Duzee, Psyche 21: 164. Equals *Cochise apacheanus* Kirk. (?).
- 1914 *Bostaera nasuta* Barber, Bull. American Mus. Nat. Hist. 33: 529. [Listed.]<sup>3</sup>
- 1914 *Cochise apacheanus* Crawford, Mon. Delphacidae :577. [Listed.]<sup>2</sup>
- 1915 *Bostaera nasuta* Metcalf, Jour. Elisha Mitchell Soc. 31: 44 (12). [Listed.]<sup>4</sup>
- 1916 *Bostaera nasuta* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>5,6</sup> Equals  
*Bostaera apacheanus* Kirk.
- 1917 *Bostaera nasuta* Van Duzee, Cat. Hemip. America: 771. [Listed.]<sup>1,2,3,4</sup> Equals  
*Cochise apacheanus* Kirk.
- 1918 *Bostaera nasuta* Fenton, Ohio Jour. Sci. 18: 189. [Parasites.]<sup>2</sup>
- 1920 *Bostaera nasuta* Spooner, Ent. News 31: 46. [Ecology.]<sup>7</sup>
- 1921 *Bostaera nasuta* Osborn, Florida Ent. 5: 18. [Listed.]<sup>3</sup>
- 1925 *Bostaera nasuta* Muir, Canadian Ent. 57: 279. [Listed.] Equals *Cochise apacheanus*  
Kirk.
- 1923 *Bostaera nasuta* Metcalf, Jour. Elisha Mitchell Soc. 38: 166; Pl. 45, Fig. 97; Pl. 58,  
Figs. 380, 381; Pl. 62, Fig. 490; Pl. 65, Fig. 543; Pl. 68, Fig. 629. [Key, illustrated.]
- 1934 *Bostaera nasuta* Muir, Ann. Mag. Nat. Hist. (10) 14: 576. [Comparative note.]<sup>8</sup>
- 1938 *Bostaera nasuta* Brimley, Insects of North Carolina 1938: 103. [Listed.]<sup>4</sup>

Genus *NATALIANA* Muir

Orthotype *Nataliana lineata* [n. sp.] 1926 Muir, Ann. Mag. Nat. Hist.  
(9) 17: 24.

- Nataliana* 1926 Muir, Ann. Mag. Nat. Hist. (9) 17: 24. [gen. n.]
- 1929 Muir, Ann. Mag. Nat. Hist. (10) 4: 195. [Listed.] :196. [Comparative  
note.]
- 1940 Neave, Nomenclator Zoologicus 3: 269. [Listed.]

*lineata* Muir

- 1926 *Nataliana lineata* Muir, Ann. Mag. Nat. Hist. (9) 17: 25; Figs. Natal<sup>1</sup>  
19, 20, 21. [n. sp., illustrated.]<sup>1</sup>
- 1929 *Nataliana lineata* Muir, Ann. Mag. Nat. Hist. (10) 4: 195. [Listed.]<sup>1</sup>

Genus *CURTOMETOPUM* Muir

Orthotype *Curtometopum turneri* [n. sp.] 1926 Muir, Ann. Mag. Nat.  
Hist. (9) 17: 25.

- Curtometopum* 1926 Muir, Ann. Mag. Nat. Hist. (9) 17: 25. [gen. n.]
- 1929 Muir, Ann. Mag. Nat. Hist. (10) 4: 192. [Listed.]<sup>1</sup>
- 1939 Neave, Nomenclator Zoologicus 1: 907. [Listed.]

*turneri* Muir

- 1926 *Curtometopum turneri* Muir, Ann. Mag. Nat. Hist. (9) 17: 26; Figs. 22, Cape  
23. [n. sp., illustrated.]<sup>1</sup> Province<sup>1</sup>
- 1929 *Curtometopum turneri* Muir, Ann. Mag. Nat. Hist. (10) 4: 192. [Listed.]<sup>1</sup>

Genus *SACCHAROSYDNE* Kirkaldy

Orthotype *Delphax saccharivora* 1907 Kirkaldy, Bull. Hawaiian Sugar  
Pl. Assoc. 3: 139.

Type *Saccharosydne saccharivora* 1915 Muir, Canadian Ent. 47: 267.

Type *Delphax saccharivora* 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 9.

Type *D[elphax] saccharivora* 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands **14**: 242.

- Saccharosydne* 1907 Kirkaldy, Bull. Hawaiian Sugar. Pl. Assoc. **3**: 139. [gen. n.] :13. [Listed.]  
 1912 Waterhouse, Index Zool. **II**: 267. [Listed.]  
 1915 Muir, Canadian Ent. **47**: 212, 267. [Listed.] :300. [Key.]  
 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 9. [Notes.] :5. [Key.]  
 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 13. [Notes.]  
 1926 Muir, Trans. Ent. Soc. London **1926**: 378. [Morphology of the aedeagus.]  
 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands **14**: 234. [Key.] :242. [Listed.]  
 1936 Schulze, Kükenthal and Heider, Nomenclator animalium **5** (22) :3084. [Listed.]  
 1940 Neave, Nomenclator Zoologicus **4**: 95. [Listed.]

### *brevirostris* Muir

- 1926 *Saccharosydne brevisrostris* Muir, Bull. Hawaiian Sugar Assoc. **18**: Ecuador<sup>1</sup>  
 14; Pl. 1, Fig. 27. [n. sp., illustrated.]<sup>1</sup> :13. [Comparative note.]

### *gracillis* Muir

- 1926 *Saccharosydne gracillis* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: Brazil<sup>1</sup>  
 14. [n. sp.]<sup>1</sup>

### *ornatipennis* Muir

- 1926 *Saccharosydne ornatipennis* Muir, Bull. Hawaiian Sugar Pl. Assoc. Brazil<sup>1</sup>  
**18**: 14; Pl. 1, Fig. 28. [n. sp., illustrated.]<sup>1</sup>

### *procerus* Matsumura

- 1924 *Saccharosydne procerus* Muir and Giffard, Bull. Hawaiian Sugar Japan<sup>1</sup>  
 Pl. Assoc. **15**: 9 [nom. nud.] Equals *Oxyeranus procerus* Mats. Manchuria<sup>2</sup>  
 [nom. nud.] China<sup>3</sup>
- 1930 *Saccharosydne procerus* Esaki and Hashimoto, Publ. Kyushu Imp. Univ. Ent. Lab. **1**: 4. [nom. nud., economics.]
- 1931 *Saccharosydne procerus* Esaki and Hashimoto, Publ. Kyushu Imp. Univ. Ent. Lab. **2**: 4. [nom. nud., economics.]
- 1931 *Saccharosydne procerus* Matsumura, 6000 Ill. Ins. Japan Empire :1273. [n. sp., illustrated.]<sup>1</sup>
- 1932 *Saccharosydne procerus* Matsumura, Cons. Japanese Inj. Ins. **1932**: 231; Pl. [16], Fig. 11. [Economics, illustrated.]<sup>1</sup>
- 1932 *Saccharosydne procerus* Esaki, Iconographia Insectorum Japonicorum :1782. [Described, illustrated.]<sup>1</sup>
- 1932 *Saccharosydne procerus* Esaki, Short Course Lectures, Leafhoppers :7. [Listed.]<sup>1</sup>
- 1933 *Saccharosydne* [sic] *procerus* Kato, Ent. World **1**: 12. [Listed.]<sup>2</sup>
- 1933 *Saccharosydne procerus* Matsumura, Three Colour Ill. Ins. Japan **4**: Pl. 17, Fig. 1. [Illustrated.]<sup>1</sup>
- 1933 *Sacchalocyde* [sic] *procerus* Kato, Ent. World **1**: 19. [Listed.]<sup>2</sup>
- 1935 *Saccharosydne procerus* Cheo, Peking Nat. Hist. Bull. **10**: 108. [Food plants.]<sup>3</sup>
- 1937 *Saccharosydne procerus* Esaki and Hashimoto, Noj. Min. Agr. and For. **127**: 3 [Listed.]<sup>1</sup>
- 1939 *Saccharosydne procerus* Miyake, Trans. Kansai Ent. Soc. **9**: 54. [Ecology.]<sup>1</sup>

*Saccharosydne***rostrifrons** Crawford

- 1914 *Stenocranus rostrifrons* Crawford, Mon. Delphacidae: 590; Pl. 46, Cuba<sup>1</sup>  
Fig. J; Pl. 49, Fig. P. [n. sp., illustrated.]<sup>1</sup> :587. [Key.]
- 1914 [*Stenocranus*] *rostrifrons* Crawford, Mon. Delphacidae :589, 590. [Comparative note.]
- 1922 *Stenocranus rostrifrons* Dozier, Ohio Jour. Sci. 22: 80. [Described.]<sup>1</sup> :70. [Key.] :69.  
[Listed.]<sup>1</sup> :81. [Note.]
- 1924 [*Saccharosydne rostrifrons*] Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15:  
9. Equals *Stenocranus rostrifrons* Crawf.
- 1926 *Stenocranus rostrifrons* [sic] Osborn, Sci. Contr. Trop. Pl. Res. Found. 2:358. [Notes.]<sup>1</sup>
- 1926 *Stenocranus rostrifrons* [sic] Osborn, Ann. Ent. Soc. America 19: 358. [Notes.]<sup>1</sup>
- saccharifora*. Typographical error for *Saccharosydne saccharivora* Westwood.

**saccharivora** Westwood

- 1833 *Delphax saccharivora* Westwood, Mag. Nat. Hist. 6: 413; Figs. Haiti<sup>1</sup>  
54a, 54c, [n. sp., illustrated.]<sup>11</sup> West Indies<sup>2</sup>
- 1833 *Aphis sacchari* Anon, Mag. Nat. Hist. 6: 407; Fig. 54b. [Illus- Jamaica<sup>3</sup>  
trated.] Central  
America<sup>4</sup>
- 1834 *Delphax saccharivora* Johnstone, Trans. Ent. Soc. London 1: Florida<sup>5</sup>  
xxvii. [Notes.]<sup>11</sup> Cuba<sup>6</sup>
- \*1834 *Delphax saccharivora* Westwood, Report Committee :1. [Eco- Southern States<sup>7</sup>  
nomics.]<sup>2</sup> Hawaiian  
Islands<sup>8</sup>
- 1834 *Delphax saccharivora* Westwood, Mag. Nat. Hist. 7: 496. [Eco-  
nomics.]<sup>11</sup>
- 1834 *Delphax saccharivora* Clarke, Mag. Nat. Hist. 7: 610. [Economics.]<sup>11</sup>
- 1837 [*Delphax*] *saccharivora* Curtis, British Ent. 14: Pl. 657. [Listed.]<sup>2</sup> Puerto Rico<sup>9</sup>
- 1844 *Delphax saccharivora* Guérin-Ménéville, Iconographie du Règne Georgia<sup>10</sup>  
Animal de Cuvier :363. [Listed.]<sup>11</sup> Granada<sup>11</sup>
- 1848 *Delphax saccharivora* Spence, Proc. Ent. Soc. London 5: xix. (West Indies)  
[Economics.]<sup>2</sup> Trinidad<sup>12</sup>
- 1850 *Delphax saccharivora* [sic] Schaum, Allg. Encykl. Ersch und Barbados<sup>13</sup>  
Gruber 51: 69. [Listed.]<sup>2</sup> (West Indies)
- 1851 *Delphax saccharivora* Walker, List Homop. British Mus. 2: 353. [Listed.]<sup>1,3</sup>
- 1859 *Delphax saccharivora* Dohrn, Cat. Hemip. :61 [Listed.]<sup>4</sup>
- 1862 *Delphax saccharivora* Curtis, Homop. British Ent. :Pl. 657. [Note.]<sup>2</sup>
- 1890 *Delphax saccharivora* Buckton, Mon. British Cicadae 4: lxxiv. [Economics.]<sup>2</sup>
- 1893 *Delphax saccharivora* Cockerell, Spec. Publ. Inst. Jamaica 3: 108. [Economics.]<sup>3</sup>
- 1897 *Stenocranus* (?) *saccharivorus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 227, 232.  
[Listed.]<sup>11</sup> Equals *Delphax saccharivora* Westw.
- 1902 *Delphax saccharivora* [sic] Koebele, Hawaiian Plant. Monthly 21: 21. [Listed.]<sup>2</sup>
- 1904 *Delphax saccharivora* Van Dine, Bull. Hawaii Agr. Exp. Sta. 5: 16. [Economics.]<sup>2</sup>
- 1905 *Delphax saccharivora* Ballou, West Indian Bull. 6: 41.
- 1906 *Stenocranus saccharivora* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 1 (9): 409.  
[Notes.]<sup>2</sup> Equals *Delphax saccharivora* Westw. :279 [Metamorphosis.] :409. [Com-  
parative note.]
- 1907 *Saccharosydne saccharivora* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 139. [Notes.]  
Equals *Aphis sacchari* [sic] Anon. Equals *Delphax saccharivora* Westw. Equals  
*Stenocranus saccharivorus* Van Duz. :13. [Listed.]
- 1907 *Stenocranus* (?) *saccharivorus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 8: 43. [Notes.]<sup>3</sup>
- 1909 *Stenocranus saccharivorus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 9: 196. [Listed.]<sup>2,5</sup>
- 1909 *Delphax sacchari* [sic] Lefroy and Howlett, Indian Insect Life :728. [Notes.]<sup>2</sup>
- 1910 *Delphax* [sic] *saccharivora* [sic] Valdes Ragués, An. Acad. Cien. Habana 46: 443. [Listed.]<sup>6</sup>
- 1912 *Delphax saccharivora* Ballou, Insect Pests of the Lesser Antilles :70. [Economics.]<sup>2</sup>
- 1912 *Stenocranus saccharivora* Bassieres, La Sucrierie Indigène et Coloniale 79: 27.
- 1912 *Stenocranus saccharivora* [sic] Urich, West Indian Bull. 12: 390. [Economics.]<sup>12</sup>  
Equals *Delphax* [*saccharivora*]
- 1913 *Delphax saccharivora* Quaintance, Proc. Ent. Soc. Washington 15: 61. [Listed.]<sup>2</sup>

- 1913 *Stenocranus saccharivorus* Reh, Sorauer's Handbuch der Pflanzenkrankheiten 3: 643. [Listed.]<sup>2</sup> Equals *Delphax saccharivorus* Westw.
- 1913 *Stenocranoides viridis* Reh, Sorauer's Handbuch der Pflanzenkrankheiten 3: 646. [Listed.]<sup>6</sup> [nom. nud.]
- 1913 *Delphax saccharivora* Van Dine, Jour. Econ. Ent. 6: 256. [Economics.]<sup>9</sup>
- 1913 *Delphax saccharivora* Van Dine, Bull. Sugar Prod. Assoc. Porto Rico 5: 32. [Economics.]<sup>9</sup>
- 1914 *Stenocranus saccharivorus* Barber, Bull. American Mus. Nat. Hist. 33: 528. [Listed.]<sup>5</sup>
- 1914 *Stenocranus saccharivorus* Crawford, Mon. Delphacidae :589; Pl. 46, Figs. G, I; Pl. 49, Fig. L. [Described, illustrated.]<sup>6</sup> Equals *Delphax saccharivora* Westw. :587. [Key.]
- 1914 *Delphax saccharivora* Girault, Zeits. Wiss. Insektenbiol. 10: 175. [Parasites.]<sup>2</sup>
- 1914 *Stenocranus saccharivorus* Van Duzee, Psyche 21: 165. [Notes.]<sup>3,5</sup>
- 1914 *Delphax saccharivora* Jones, Jour. Econ. Ent. 7: 463. [Parasites.]<sup>9</sup>
- 1914 *Delfax* [sic] *sacarinosa* [sic] Valdes Ragués, Zool. Mus. Cubano "Gundlach" Cat. Gen. 1914: 103. [Listed.]<sup>6</sup>
- 1916 *Stenocranus saccharivorus* Van Duzee, Check List Hemip. America :83. [Listed.]<sup>7</sup>
- 1917 *Stenocranus saccharivorus* Van Duzee, Cat. Hemip. America :763. [Listed.]<sup>2,5,8</sup> Equals *Delphax saccharivorus* Westw.
- 1917 *Delphax saccharivora* Dash, Rept. Dept. Agr. Barbados 1916-1917: 57. [Economics.]<sup>13</sup>
- 1917 *Stenocranus saccharivora* Pierce, Man. Dangerous Ins. 1917: 198; Fig. 94. [Described, illustrated.]<sup>2</sup>
- 1918 *Stenocranus saccharivora* Pierce, Proc. United States Nat. Mus. 54: 488. [Parasitized.]<sup>9</sup>
- 1919 *Stenocranus saccharivorus* Camunas, Ann. Rept. Gov. Porto Rico 19: 699. [Economics.]<sup>9</sup>
- 1919 *Delphax saccharivora* Colón, Ann. Rept. Insular Exp. Dept. Agr. and Labor Porto Rico 1917-18: 37. [Economics.]<sup>9</sup>
- 1919 *Stenocranus saccharivorus* Smyth, Jour. Dept. Agr. Porto Rico 3: 147. [Economics.]<sup>9</sup> Equals *Delphax* [*saccharivorus* Westw.] :90. [Economics.]<sup>9</sup> :101. [Disease vector.]
- 1920 *Delphax saccharivora* Smyth, Revista Agr. Puerto Rico 4: 14. [Notes.]<sup>9</sup>
- 1920 *Stenocranus saccharivorus* Spooner, Ent. News 31: 46. [Ecology.]<sup>10</sup>
- 1921 *Stenocranus saccharivorus* Osborn, Florida Ent. 5: 18. [Listed.]<sup>6</sup>
- 1921 *Stenocranus saccharivora* Wolcott, Jour. Dept. Agr. Porto Rico 5: 14; Fig. 2. [Economics, illustrated.]<sup>9</sup> Equals *Delphax saccharivora* Westwood.
- 1922 *Stenocranus saccharivorus* Bruner, Rev. Agr. Com. Trab. 5: 15. [Economics.]<sup>6</sup> Equals *Delfax* [sic] *saccharivorus* Westwood.
- 1922 [*Stenocranus* (?) *saccharivorus* Dozier, Ohio Jour. Sci. 22: 69. [Listed.]
- 1922 *Stenocranus* (*Delphax*) *saccharivorus* Tower, Rept. Agr. Exp. Sta. Porto Rico 1921: 24. [Disease vector.]<sup>9</sup>
- 1922 *Saccharosydne saccharivora* Wolcott, Jour. Dept. Agr. Porto Rico 6: 33. [Notes.]<sup>9</sup> Equals *Delphax* [*saccharivora*]. Equals *Stenocranus* [*saccharivora*]
- 1923 *Saccharosydne saccharivora* Wolcott, Jour. Dept. Agr. Porto Rico 7: 273. [Listed.]<sup>9</sup>
- 1923 *Delphax* (*Stenocranus*) *saccharivora* Gowdey, Ent. Bull. Dept. Agr. Jamaica 2: 21. [Economics.]<sup>3</sup>
- 1923 *Saccharosydne saccharivorus* Metcalf, Jour. Elisha Mitchell Soc. 38: 167; Pl. 45, Fig. 100; Pl. 59, Figs. 395, 396, 397; Pl. 62, Fig. 493; Pl. 64, Fig. 527; Pl. 65, Fig. 551; Pl. 68, Fig. 637. [Key, illustrated.] :148. Equals *Stenocranus saccharivorus*.
- 1924 *Stenocranus saccharivorus* Gowdey, Ann. Rept. Dept. Agr. Jamaica 1923: 21. [Disease vectors.]<sup>3</sup>
- 1924 [*Saccharosydne saccharivora*] Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 9. Equals *Delphax saccharivora* Westw.
- 1925 *Saccharosydne* (*Delphax*) *saccharivora* Gowdey, Ann. Rept. Dept. Sci. and Agr. Jamaica 1924: 18. [Economics.]<sup>3</sup>
- 1926 *Stenocranus saccharivorus* [sic] Gowdey, Bull. Dept. Agr. Jamaica Ent. 4: 40. [Listed.]<sup>3</sup> Equals *Delphax saccharivorus* [sic] Westw.
- 1926 *Delphax saccharicida* [sic] Heymons, Brehm's Tierleben 2: 157. [Notes.]<sup>2</sup>



*Saccharosydne*—*Dicranotropis*

- 1926 *Stenocranus saccharivora* Osborn, Reference Book Sugar Industry of the World 1926: 48. [Notes.]<sup>2,6</sup>
- 1926 *Saccharosydne saccharivora* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 14; Pl. 1, Fig. 29. [Note, illustrated.]
- 1926 *Stenocranus saccharivora* [sic] Osborn, Sci. Contr. Trop. Pl. Res. Found. 2: 358. [Notes.]<sup>2,4,6,7</sup>
- 1926 *Saccharosydne saccharivora* Muir, Trans. Ent. Soc. London 1926: 378; Pl. 88, Fig. 18. [Morphology of the aedeagus, illustrated.]
- 1926 *Saccharosydne saccharivora* Myers, Contr. Harvard Inst. Trop. Biol. and Med. 3: 87. [Notes.]<sup>6</sup> Equals *Delphax saccharivora* Westw. Equals *Stenocranus saccharivorus* Westw.
- 1926 *Stenocranus saccharivora* Osborn, Jour. Econ. Ent. 19: 105. [Notes.]<sup>2,6</sup>
- 1926 *Stenocranus saccharivora* Osborn, Sci. Contr. Trop. Pl. Res. Found. 1: 105. [Notes.]<sup>2,6</sup>
- 1926 *Stenocranus saccharivora* [sic] Osborn, Ann. Ent. Soc. America 19: 358. [Notes.]<sup>2,4,6,7</sup>
- 1927 *Delphax saccharivora* Earle, Facts about Sugar 22: 1018. [Economics.]<sup>1,3</sup>
- 1927 *Stenocranus saccharivorus* Gowdey, Ann. Rept. Dept. Agr. Jamaica 1926: 17. [Economics.]<sup>3</sup>
- 1927 *Saccharosydne saccharivora* Wolcott, Entomologie d'Haiti :259. [Parasite.]<sup>1</sup> :191; Figs. 57–58. [Economics, illustrated.]
- 1928 *Stenocranus saccharivorus* Gowdey, Ann. Rept. Dept. Agr. Jamaica 1927: 21. [Economics.]<sup>3</sup>
- 1928 *Saccharosydne saccharivora* Myers, Studies on Cuban Insects. 1: 22. [Listed.]<sup>6</sup>
- 1929 *Saccharosydne saccharivora* Muir, Ann. Mag. Nat. Hist. (10) 4: 187. [Economics.]<sup>2</sup>
- 1929 *Saccharosydne saccharivora* Osborn, Jour. Dept. Agr. Porto Rico 13: 110. [Notes.]<sup>9</sup>
- 1930 *Delphax saccharivora* Sherborn, Index Animalium 23: 5711. [Listed.]
- 1931 *Saccharosydne saccharivora* Wolcott, Jour. Econ. Ent. 24: 134. [Economics.]<sup>1</sup>
- 1932 *Saccharosydne saccharivora* Dozier, Jour. Dept. Agr. Puerto Rico 16: 86. [Parasites.]<sup>1</sup>
- 1933 *Saccharosydne saccharivora* Wolcott, Econ. Ent. West Indies :224; Figs. 45–46. Equals *Delphax* [*saccharivora*]. Equals *Stenocranus* [*saccharivora*]
- 1934 *Saccharosydne saccharifora* [sic] Silvestri, Compendio di entomologie applicata 1: 364. [Listed.]
- 1935 *Saccharosydne saccharivora* Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 242; Fig. 65. [Described, illustrated.]<sup>9</sup> Equals *Delphax saccharivora* Westw.
- 1936 *Delphax saccharivora* Edwards, Ann. Rept. Dept. Sci. and Agr. Jamaica 1935: 76. [Economics.]<sup>3</sup>
- 1936 *Saccharosydne saccharivora* Wolcott, Jour. Agr. Univ. Puerto Rico 20: 107; 1 fig. [Listed, illustrated.]<sup>9</sup>
- 1937 *Saccharosydne saccharivora* Strong, Ann. Rept. United States Dept. Agr. Bur. Ent. and Plant Quar. 1937: 41. [Economics.]<sup>6</sup>
- 1937 *Saccharosydne saccharivora* Wadley, Jour. Agri. Univ. Puerto Rico 21: 111. [Economics.]<sup>9</sup>
- 1939 *Saccharosydne saccharivora* Ingram, Jaynes and Lobdell, Proc. Int. Soc. Sugar Cane Techn. 6: 95. [Economics.]<sup>6</sup>

*viridis* Muir

- 1926 *Saccharosydne viridis* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: British Guiana<sup>1</sup> 13; Pl. 1, Fig. 26. [n. sp., illustrated.]<sup>1</sup> :14. [Comparative note.]

Genus *DICRANOTROPIS* Fieber

Type *Dicranotropis hamata* 1906 Distant, Fauna British India 3: 479.

Type *Dicranotropis hamata* 1912 Oshanin, Kat. Paläarkt. Hemip. :120.

Pseudotype *Dicranotropis beckeri* 1914 Crawford, Mon. Delphacidae :594.

Type *Dicranotropis hamata* 1915 Muir, Canadian Ent. 47: 262.

Logotype *Dicranotropis hamata* 1916 Van Duzee, Check List Hemip. America :84.

Logotype *Dicranotropis hamata* 1917 Van Duzee, Cat. Hemip. America :780.

Type *Dicranotropis hamata* 1929 Haupt, Zool. Jahrb. Syst. Ökol. **58**: 212.

Type *Dicranotropis hamata* 1935 Haupt, Tierwelt Mitteleuropas **4** (3): 131.

[*Phacalastor* Kirkaldy]

[Orthotype *Phacalastor pseudomaidis* [n. sp.] 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **1** (9): 408. [gen. n.] ]

[Type *Phacalastor pseudomaidis* 1915 Muir, Canadian Ent. **47**: 266.]

- Dicranotropis* 1866 Fieber, Verh. Zool. Bot. Ges. Wien. **16**: 521. [gen. n.] :530. [Key to species.] :532. [Listed.]  
 1867 Dallas, Zool. Rec. **3**: 560. [Key.]  
 1868 Kirschbaum, Jahrb. Ver. Nat. Nassau **21-22**: 11. [Key.] :40. [Key to German species.]  
 1870 Scott, Ent. Monthly Mag. **7**: 24. [Described.] :73. [Key to species.]  
 1870 Oshanin, Mém. Soc. Amis Sci. Nat. Moscou **6**: 47. [Listed.] Equals *Delphax* Fabr. [in part.]  
 1871 Oshanin, Bull. Imp. Soc. Nat. Hist. Imp. Univ. Moscou **6** (3): 30. [Listed.] Equals *Delphax* Fabr. [in part.]  
 1871 Sahlberg, Not. Fennica (n. s.) **9** (12): 469. [Described.] :75. [Key.] :58. [Listed.] :20. [Dimorphism.]  
 1872 Fieber, Kat. Europäischen Cicad. :6. [Listed.] Equals *Delphax* Aut. [in part.]  
 1872 Fieber, Verh. Zool. Bot. Ges. Wien. **22**: 29. [Listed.]  
 1873 Marschall, Nomenclator Zoologicus **1873**: 361. [Listed.]  
 1874 Siebke, Enumeratio Insectorum Norvegicorum **1**: 41. [Listed.] Equals *Delphax* Fall. [in part.]  
 1874 Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg **20**: 84. [Listed.]
- Dicranotropis* [sic] 1874 Lethierry, Cat. Hémipt. Dept. du Nord Second Ed. :259. (55). [Listed.]
- Dicranotropis* 1875 Puton, Cat. Hémipt. d'Europe 2 Ed. :122. [Listed.]  
 1875 Reuter, Ann. Soc. Ent. France (5) **5**: 233. [Polymorphism.]  
 1875 Fieber, Cicad. d'Europe Pt. **1**: 378 (91). [Key.]  
 1876 Fieber, Cicad. d'Europe Pt. **2**: Pl. 8. [Illustrated.]  
 1876 Douglas and Scott, Cat. British Hemip. :70. [Listed.]  
 1879 Fieber, Cicad. d'Europe Pt. **4**: 146 (82). [Key to European species.] Equals *Delphax* Auct. [in part.]  
 1880 Reiber and Puton, Bull. Soc. Hist. Nat. Colmar **21**: 56. [Listed.]  
 1881 Mayr, Ber. Natur.-Med. Ver. Innsbruck **10**: 87 (11). [Listed.]  
 1882 Ferrari, Cicad. Agri. Ligustici :93 (21). [Listed, key to species.] :88 (16). [Key.]  
 1882 Scudder, Nomenclator Zoologicus. Univ. Index :97. [Listed.]  
 1884 Mayr, Tabellen :21. [Key.]
- Delphax* 1885 Fairmaire, Hist. Nat. France Hémipt. :142. [Key.] :145. [Described.] [nec Fabricius] [in part.]
- Dicranotropis* 1885 Ivanoff, Liste des Cigales :89, (7), 117 (35). [Listed.] :98 (16). [Key.]  
*Dicranotropis* [sic] 1886 Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :74. [Listed.]  
*Dicranotropis* 1886 Edwards, Syn. British Homop.-Cicadina Pt. **1**: 92; Pl. 1, Fig. 20. [Described, illustrated.] :55. [Key.]  
 1886 Then, Kat. Österreichischen Cicad. **1886**: 16. [Listed.]

*Dicranotropis*

- 1888 Dubois, Mém. Soc. Linn. Nord France 7: 156 (60). [Listed.]  
 1889 Ashmead, Ent. Amer. 5: 27. [Key.]  
 1890 Saunders and Edwards, Cat. British Hemiptera 1890: 12. [Listed.]  
 1890 Buckton, Mon. British Cicadae 1: 28. [Key.]  
 1890 Buckton, Mon. British Cicadae 3: 66. [Described.]  
 1891 Fokker, Cat. Nederland Hemip. :366. [Listed.]  
 1891 Oshanin, Mém. Sect. caucasienne Soc. russe. Geogr. 23 (1): 48, 58. [Listed.]  
 1892 Spitzner, Verh. Naturf. Ver. Brünn 20: 27. [Listed.]  
 1892 Dominique, Bull. Soc. Sci. Nat. Ouest France 2: 116. [Listed.]  
*Dicranotropis* [sic] 1892 Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]  
 1892 Duda, Cat. Ins. Faunae Bohemicae :29. [Listed.]  
*Dicranotropis* 1893 Bezzi, Bull. Soc. Ent. Italiana 25: 108 (28). [Listed.]  
 1894 Edwards, Hemip.-Homop. British Islands Pt. 1: Pl. 1, Fig. 20. [Illustrated.] :29. [Key.]  
 1894 Edwards, Hemip.-Homop. British Islands Pt. 3: 72. [Described.]  
*Liburnia* 1894 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 191. [Listed.] [nec Stål] [in part.]  
*Dicranotropis* 1895 Wüstnei, Schr. Nat. Ver. Schleswig-Holsteins 10: 269. [Listed.]  
 1896 Melichar, Cicad. Mittel-Europa :96. [Described.] :97. [Key to European species.] :51. [Key.]  
 1897 Horváth, Fauna Regni Hungariae :57. [Listed.]  
 1897 Krüger Ber. Vers. Zuck. West-Java 2: 244. [Listed.]  
 1897 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 227, 240. [Listed.] :228. [Key.] :236, 254. [Comparative note.]  
*Delphax* 1897 Acloque, Faune France :401; Pl. 162, Fig. D. [Key to species, illustrated.] :400. [Key.] [nec Fabricius] [in part.]  
*Liburnia* 1897 Van Duzee, Rev. North American Delphacidae :246. [Notes.] [nec Stål] [in part.]  
*Dicranotropis* 1899 Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :109. [Listed.]  
 1899 Melichar, Ent. Jahrb. 1899: (9). [Listed.]  
 1900 Lameere, Man. Faune Belgique 2: 140. [Key.] :142. [Listed.]  
 1900 Strobl, Mitt. Natur. Ver. Steiermark 36: 206. [Listed.]  
 1900 Matsumura, Ent. Nachr. 26: 269. [Listed.]  
 1901 Lambertie, Act. Soc. Linn. Bordeaux 56: 218 (90). [Listed.]  
 1901 Kirkaldy, Entomologist 34: 338. [Listed.]  
 1901 Horváth, Zool. Erg. Zichy :256. [Listed.]  
 1902 Cobelli, Cicadine Trentino :10. [Listed.]  
 1902 Dominique, Bull. Soc. Sci. Nat. Ouest France (2) 2: 223. [Listed.]  
 1903 Graeffe, Boll. Soc. Adriatics Sci. Nat. Trieste 21: 63 (23). [Listed.]  
 1903 Kirkaldy, Entomologist 36: 179. [Comparative note.]  
 1903 Melichar, Homop.-Fauna Ceylon :106. [Described.] :225. [Listed.]  
 1904 Swezey, Prelim. Cat. Fulgoridae North America 1904: 35. [Listed.]  
 1904 Hüeber, Syst. Verz. deutschen Zikadinen :270. [Listed.]  
*Liburnia* 1905 Fowler, Biologia Centrali-Americana 1: 133. [Notes.] [nec Stål] [in part.]  
*Phacalastor* 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 1 (9): 408. [gen. n., key to species.] :313. [Listed.]  
*Dicranotropis* 1906 Distant, Fauna British India 3: 479. [Described.] :466. [Listed.]  
 1906 Matsumura, Schr. Nat. Ges. Danzig 11: 77. [Listed.]  
 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 132. [Key to species.] :127. [Key.] :131, 132, 135. [Comparative note.]  
*Phacalastor* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 135. To *Perkinsiella* Kirkaldy [error.]  
*Dicranotropis* 1907 Oshanin, Verz. Palaeark. Hemip. 2(2): 332. [Listed.]  
 1908 Saunders and Edwards, Cat. British Hemiptera 1908: 15. [Listed.]  
 1910 Bierman, Notes Leyden Mus. 33: 41. [Comparative note.]

- 1910 Cockerell, Entomologist **43**: 153. [Comparative note.]  
 1910 Lambertie, Misc. Ent. **18**: 93. [Listed.]  
*Phacalastor*  
 Dicranotropis 1911 Muir, Bull. Hawaiian Sugar Pl. Assoc. **9**: 11. [Listed.]  
*Phacalaster* [sic] 1911 Muir, Bull. Hawaiian Sugar Pl. Assoc. **9**: 4. [Comparative note.]  
 Dicranotropis 1912 Waterhouse, Index Zool. **II**: 225. [Listed.]  
 1912 Cockerell, Canadian Ent. **44**: 94. [Comparative note.]  
 1912 Distant, Ann. Mag. Nat. Hist. (8) **9**: 194. [Comparative note.]  
 1912 Oshanin, Kat. Paläark. Hemip. :120. [Listed.]  
 1912 Schmidt, Stett. Ent. Zeit. **73**: 150. [Listed.]  
 1913 Dalla Torre, Ent. Jahrb. **22**: 149. [Listed.]  
 1913 Melichar, Faune Walouyki Russie **7**: 6. [Listed.]  
 1914 Crawford, Mon. Delphacidae :563. [Key.] :593. [Described.]  
 Equals *Pissonotus* Van D. [error.] Equals *Peregrinus* Kirk. [error.]  
 :594. [Key to American species.] :601, 612. [Comparative note.]  
 1914 Van Duzee, Trans. San Diego Soc. Nat. Hist. **2**: 44. [Comparative  
 note.]  
 1914 Van Duzee, Psyche **21**: 165. [Distinct, notes.]  
 1915 Muir, Canadian Ent. **47**: 300. [Key.] :262. [Listed.] Equals  
*Phacalastor* Kirk. :212. [Listed.]  
 1915 Schumacher, Mitt. Zool. Mus. Berlin **8**: 134. [Listed.]  
 1915 Jensen-Haarup, Flora och Fauna **1915**: 98. [Key.]  
 1915 Jacobsen, Ent. Medd. **10**: 320. [Listed.]  
*Phacalastor*  
 1915 Muir, Canadian Ent. **47**: 266. To *Dicranotropis* [sic] Fieb.  
 Dicranotropis 1916 Oshanin, Horae Soc. Ent. Rossicae **42**: 88. [Bibliography.]  
 1916 Distant, Fauna British India **6**: 144. [Comparative note.]  
 1916 Oshanin, Horae Soc. Ent. Rossicae **42**: 88. [Bibliography.]  
 1916 Muir, Philippine Jour. Sci. **11**: 385. [Listed.]  
 1916 Jensen-Haarup, Flora och Fauna **1916**: 35. [Described, key to  
 species.]  
 1916 Van Duzee, Check-List Hemip. America :84. [Listed.]  
 1917 Van Duzee, Cat. Hemip. America :780. [Listed.]  
 1917 Muir, Proc. Hawaiian Ent. Soc. **3**: 317. [Listed.]  
 1918 Pierce, Proc. United States Nat. Mus. **54**: 487. [Listed.]  
 1919 Muir, Philippine Jour. Sci. **15**: 529. [Listed.]  
 1919 Muir, Canadian Ent. **51**: 7. [Comparative note.]  
 1920 Jensen-Haarup, Danmarks Fauna :31. [Key.] :61. [Described, key  
 to species.]  
 1920 Spooner, Ent. News **31**: 46. [Ecology.]  
 1920 Tullgren and Wahlgren, Svenska Insekter **1920**: 152. [Key, listed.]  
*Liburnia*  
 1923 Metcalf, Jour. Elisha Mitchell Soc. **38**: 171. [Key to Eastern North  
 American species.] [nec Stål] [in part.]  
 Dicranotropis 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 6. [Key.]  
 :8, 11. [Comparative note.]  
 1924 Lindberg, Acta. Soc. Fauna Flora Fennica **56**: 46. [Listed.]  
 1925 Kupka, Mitt. Münchner. Ent. Ges. **15**: 111. [Listed.]  
*Dicaanotropis* [sic] 1925 Handlirsch, Schröder's Handb. Ent. **3** (9): 1112. [Listed.]  
 Dicranotropis 1925 Haupt, Mitt. Münchner Ent. Ges. **15**: 18. [Listed.]  
 1926 Ball, Florida Ent. **10**: 17, 18. [Comparative note.]  
 1926 Rémy-Perrier, Homop. Faune France **4**: 90. [Key.] :93. [Key to  
 species.]  
 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 24. [Listed.]  
 1926 Muir, Ann. Mag. Nat. Hist. (9) **17**: 28. [Listed.]  
 1926 Muir, Jour. Malayan Branch Roy. Asiatic Soc. **4**: 399. [Listed.]  
 1927 Muir, Fulgoroidea of Samoa :13. [Listed.] :11. [Comparative note.]  
 1927 Poisson and Poisson, Bull. Soc. Linn. Normandie (7) **9**: 144.  
 [Listed.]  
 1928 Filipieff, Guide to Insects :158. [Key.] :160. [Listed.]



*Dicranotropis*

- 1928 Schulze, Kükenthal and Heider, Nomenclator Animalium 2 (9): 986. [Listed.]  
 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 212. [Key.]  
 1929 Muir, Ann. Mag. Nat. Hist. (10) 4: 199. [Listed, comparative note.] :203. [Comparative note.]  
 1931 Muir, Rec. Australian Mus. 18: 72. [Comparative note.]  
*Phacalastor* 1931 Muir, Rec. Australian Mus. 18: 72. [Listed.]  
*Dicranotropis* 1932 Enderlein, Fauna von Deutschland 1932: 193. [Key.]  
 1934 Muir, Ann. Mag. Nat. Hist. (10) 14: 579. [Comparative note.]  
*Phacalastor* 1934 Schulze, Kükenthal and Heider, Nomenclator animalium 4 (19): 2604. [Listed.]  
*Dicranotropis* 1935 Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 7. [Listed.]  
 1935 Haupt, Tierwelt Mitteleuropas 4 (3): 131. [Key.] :139. [Key to species.]  
 1937 Kuntze, Arch. Nat. [n. f.] 6: 355. [Listed.]  
 1938 Osborn, Bull. Ohio Biol. Surv. 6: 330. [Key.]  
 1939 China, Ent. Monthly Mag. 75: 48. [Listed.]  
 1939 Neave, Nomenclator Zoologicus 2: 76. [Listed.]  
*Phacalastor* 1940 Neave, Nomenclator Zoologicus 3: 684. [Listed.]

*abdominalis* Crawford (var.). See *Dicranotropis bakeri* var. *abdominalis* Crawford.

**albovittata** Matsumura

- 1900 *Dicranotropis albovittata* Matsumura, Ent. Nachr. 26: 269. [n. Japan<sup>1</sup> sp.]<sup>1</sup>  
 1907 *Dicranotropis albovittata* Oshanin, Verz. Palaeark. Hemip. 2(2): 333. [Listed.]<sup>1</sup>  
 1912 *Dicranotropis albovittata* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>1</sup>

**anaxarchi** Muir

- 1926 *Dicranotropis anaxarchi* Muir, Ann. Mag. Nat. Hist. (9) 17: 29; Cape Province<sup>1</sup> figs. 27, 28. [n. sp., illustrated.]<sup>1</sup>  
 1929 *Dicanotropis* [sic] *anaxarchi* Muir, Ann. Mag. Nat. Hist. (10) 4: 201. [Listed.]<sup>1</sup>

*anderida* Kirkaldy. See *Nilaparvata lugens* Stål.

*aphidioides* Van Duzee. See *Pissonotus aphidioides* Van Duzee.

**aristoxena** Kirkaldy

- 1907 *Dicranotropis aristoxenus* Kirkaldy, Bull. Hawaiian Sugar Pl. Queensland<sup>1</sup> Assoc. 3: 134. [n. sp.]<sup>1</sup> :133. [Key.] :12. [Listed.]

*ater* Van Duzee. See *Pissonotus ater* Van Duzee.

**bakeri** Crawford

- 1914 *Dicranotropis bakeri* Crawford, Mon. Delphacidae :598; Pl. 46, Cuba<sup>1</sup> Fig. N. [n. sp., illustrated.]<sup>1,2</sup> :594. [Key.] Nicaragua<sup>2</sup>

**bakeri** var. **abdominalis** Crawford

- 1914 *Dicranotropis bakeri abdominalis* Crawford, Mon. Delphacidae British :598. [n. var.]<sup>1,2</sup> :594. [Key.] :630. [Comparative note.] Honduras<sup>1</sup>

*basalis* Van Duzee. See *Pissonotus basalis* Van Duzee. Nicaragua<sup>2</sup>

**basifuscata** Fowler

- 1905 *Liburnia basifuscata* Fowler, Biologia Centrali-Americana 1: 134; Mexico<sup>1</sup> Pl. 13, Figs. 12a, b. [n. sp., illustrated.]<sup>1</sup>  
 1914 *Megamelus basifuscatus* Crawford, Mon. Delphacidae :630. [Listed.]<sup>1</sup> Equals *Liburnia basifuscata* Fowl. :608. [Key.]

- 1924 *Dicranotropis* [*basifuscata*] Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 18. Equals *Liburnia basifuscata* Fowl.

*basilinea* Kirschbaum [nec Germar]. See *Euidella speciosa* Boheman.

*beckeri* Fieber. See *Leimonodite beckeri* Fieber.

*binotata* Spooner. See *Pissonotus binotatus* Spooner.

### **bipectinata** Muir

- 1926 *Dicranotropis bipectinata* Muir, Bull. Hawaiian Sugar Pl. Assoc. Ecuador<sup>1</sup>  
18: 25; Pl. 4; Figs. 69, 70. [n. sp., illustrated.]<sup>1</sup>

### **bridwelli** Muir

- 1920 *Dicranotropis bridwelli* Muir, Bull. Ent. Res. 10: 141; Figs. 3a, b. Nigeria<sup>1</sup>  
[n. sp., illustrated.]<sup>1</sup> West Africa<sup>2</sup>  
1929 *Dicranotropis bridwelli* Muir, Ann. Mag. Nat. Hist. (10) 4: 201.  
[Listed.]<sup>2</sup>

### **brunnea** Muir

- 1926 *Dicranotropis brunnea* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: Argentina<sup>1</sup>  
24. [n. sp.]<sup>1</sup>

*brunnea* Van Duzee. See *Pissonotus brunneus* Van Duzee.

### **capensis** Muir

- 1926 *Dicranotropis capensis* Muir, Ann. Mag. Nat. Hist. (9) 17: 28; Cape Province<sup>1</sup>  
Fig. 25. [n. sp., illustrated.]<sup>1</sup>  
1929 *Dicranotropis capensis* Muir, Ann. Mag. Nat. Hist. (10) 4: 200. [Listed.]<sup>1</sup>

### **carpathica** Horváth

- 1884 *Dicranotropis carpathica* Horváth, Term. Füzetek 8: 318. [n. sp.]<sup>1</sup> Hungary<sup>1</sup>  
1886 *Dicranotopis* [sic] *carpathica* Puton, Cat. Hémip. Fauna Paléarctique 3 Ed. :74. [Listed.]<sup>2</sup> Czechoslovakia<sup>2</sup>  
Poland<sup>3</sup>  
1896 *Dicranotropis carpathica* Melichar, Cicad. Mittel-Europa :99.  
[Described.]<sup>1</sup> :97. [Key.]  
1897 *Dicranotropis carpathica* Horváth, Fauna Regni Hungariae :57. [Listed.]<sup>1</sup>  
1899 *Dicranotropis carpathica* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :109.  
[Listed.]<sup>2</sup>  
1907 *Dicranotropis carpathica* Oshanin, Verz. Palaeark. Hemip. 2 (2): 333. [Listed.]<sup>1</sup>  
1912 *Dicranotropis carpathica* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>1</sup>  
1926 *Dicranotropis carpathica* Ogloblin, Acta Ent. Mus. Prague 3: 173. [Parasited.]<sup>2</sup>  
1935 [*Dicranotropis*] *carpathica* Haupt, Tierwelt Mitteleuropas 4 (3): 139. To *Dicranotropis divergens* Kirschb. [error.]  
1936 *Dicranotropis carpathica* Nast, Fragm. Faun. Mus. Zool. Polonici 2: 326 (4)  
[Listed.]<sup>3</sup>

### **cervina** Muir

- 1917 *Dicranotropis cervina* Muir, Proc. Hawaiian Ent. Soc. 3: 318; Pl. Luzon<sup>1</sup>  
6, Fig. 36. [n. sp., illustrated.]<sup>1</sup>

### **cognata** Muir

- 1917 *Dicranotropis cognata* Muir, Proc. Hawaiian Ent. Soc. 3: 317; Pl. Queensland<sup>1</sup>  
6, Figs. 34, 34a. [n. sp., illustrated.]<sup>1,2,3</sup> Fiji<sup>2</sup>  
1921 *Dicranotropis cognata* Muir, Proc. Hawaiian Ent. Soc. 4: 575. Luzon<sup>3</sup>  
[Listed.]<sup>1,2,4,5</sup> Samoa<sup>4</sup>  
1927 *Dicranotropis cognata* Muir, Fulgoroidea of Samoa :13 [Listed.]<sup>1</sup> Philippine  
2,4,5 Islands<sup>5</sup>

*Dicranotropis***corporaali** Muir

- 1923 *Dicranotropis corporaali* Muir, Philippine Jour. Sci. 22: 173; Pl. 1, Sumatra<sup>1</sup>  
Figs. 3a, b. [n. sp., illustrated.]<sup>1</sup>

*cubana* Crawford. See *Liburnia cubana* Crawford.

*delicata* Van Duzee. See *Pissonotus delicatus* Van Duzee.

**dimorpha** Matsumura

- 1910 *Dicranotropis dimorpha* Matsumura, Jour. Coll. Sci. Tokyo 27: Italy<sup>1</sup>  
37. [n. sp.]<sup>1</sup> Sicily<sup>2</sup>

- 1912 *Dicranotropis dimorpha* Oshanin, Kat. Paläark. Hemip. :120.  
[Listed.]<sup>2</sup>

- 1924 *Dicranotropis dimorpha* Haupt, Mem. Soc. Ent. Italiana 3: 229. [Listed.]<sup>2</sup>

*divaricata* Spooner. See *Pissonotus divaricatus* Spooner.

**divergens** Kirschbaum

- 1868 *Dicranotropis divergens* Kirschbaum, Cicad. Wiesbaden :41. [n. Germany<sup>1</sup>  
sp.]<sup>1</sup> Switzerland<sup>2</sup>
- 1872 *Dicranotropis divergens* Fieber, Kat. Europäischen Cicad. :6. France<sup>3</sup>  
[Listed.]<sup>2</sup> Belgium<sup>4</sup>
- 1875 *Dicranotropis divergens* Puton, Cat. Hémipt. d'Europe 2 Ed. :122. Austria<sup>5</sup>  
[Listed.]<sup>2</sup> Hungary<sup>6</sup>
- 1879 *Dicranotropis divergens* Fieber, Cicad. d'Europe Pt. 4: 150 (86). Romania<sup>7</sup>  
[Key.]<sup>2</sup> Central Europe<sup>8</sup>
- 1880 *Dicranotropis divergens* Reiber and Puton, Bull. Soc. Hist. Nat. England<sup>9</sup>  
Colmar 21: 56. [Listed.]<sup>3</sup> Italy<sup>10</sup>
- 1884 *Dicranotropis divergenti* [sic] Horváth, Term. Füzetek 8: 318.  
[Comparative note.]
- 1884 *Dicranotropis divergens* Mayr, Tabellen :21. [Listed.]<sup>1,2</sup>
- 1886 *Dicranotropis* [sic] *divergens* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :74.  
[Listed.]<sup>3</sup>
- 1892 *Dicranotropis* [sic] *divergens* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>4</sup>
- 1896 *Dicranotropis divergens* Melichar, Cicad. Mittel-Europa :98. [Described.]<sup>2</sup> :97. [Key.]
- 1897 *Dicranotropis divergens* Horváth, Fauna Regni Hungariae :57. [Listed.]<sup>6</sup>
- 1899 *Dicranotropis divergens* Melichar, Ent. Jahrb. 1899: (11). [Listed.]<sup>5</sup>
- 1899 *Dicranotropis divergens* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :109.  
[Listed.]<sup>2,5</sup>
- 1900 *Dicranotropis divergens* Strobl, Mitt. Natur. Ver. Steiermark 36: 206. [Listed.]<sup>5</sup>
- 1901 *Dicranotropis divergens* Lambertie, Act. Soc. Linn. Bordeaux 56: 218 (90). [Listed.]<sup>3</sup>
- 1904 *Dicranotropis divergens* Cobelli, Verh. Zool. Bot. Ges. Wien. 54: 557. [Listed.]<sup>10</sup>
- 1904 *Dicranotropis divergens* Hüeber, Syst. Verz. deutschen Zikadinen :270. [Listed.]<sup>1</sup>
- 1907 *Dicranotropis divergens* Oshanin, Verz. Palaeark. Hemip. 2 (2): 333. [Listed.]<sup>2,5,6,7</sup>
- 1908 *Dicranotropis divergens* Oshanin, Verz. Palaeark. Hemip. 2 (3): 454. [Listed.]<sup>4</sup>
- 1910 *Dicranotropis divergens* Lambertie, Misc. Ent. 18: 93. [Listed.]<sup>3</sup>
- 1912 *Dicranotropis divergens* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>3</sup>
- 1913 *Dicranotropis divergens* Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]<sup>5</sup>
- 1925 *Dicranotropis divergens* Haupt, Mitt. Münchner Ent. Ges. 15: 10, 18. [Listed.]<sup>1</sup>
- 1935 *Dicranotropis divergens* Haupt, Tierwelt Mitteleuropas 4 (3): 139; Figs. 233, 234.  
[Key, illustrated.]<sup>5,6,7</sup> Equals [*Dicranotropis carpathica* Horv. [error.]
- 1939 *Dicranotropis divergens* China, Ent. Monthly Mag. 75: 49; Figs. 3a-c. [Described,  
illustrated.]<sup>1,2,4,5,5,7,9</sup>

*divergenti*. Typographical error for *Dicranotropis divergens* Kirschbaum.

*dorsalis* Van Duzee. See *Pissonotus dorsalis* Van Duzee.

**elongata** Esaki [nom. nud.]

- 1932 *Dicranotropis elongata* Esaki, Short course Lectures, Leaf-hop- Japan<sup>1</sup>  
pers :7. [Listed.]<sup>1</sup> [nom. nud.]

*fairmairei* Perris. See *Delphacodes fairmairei* Perris.

*fairmairi*. Typographical error for *Dicranotropis fairmairei* Perris. See *Delphacodes fairmairei* Perris.

*flavipes* Fieber [nec Signoret]. See *Dicranotropis nitida* Haupt.

*flavipes* Signoret. See *Metropis flavipes* Signoret.

*foveata* Spooner. See *Pissonotus quadripustulatus* Van Duzec.

*frontalis* Crawford. See *Pissonotus frontalis* Crawford.

### **fumosa** Matsumura

- 1910 *Dicranotropis fumosa* Matsumura, Zeits. Wiss. Insektenbiol. 6: 104. [Listed.]<sup>1</sup> [nom. nud.] Formosa<sup>1</sup>  
Oriental
- 1910 *Dicranotropis fumosa* Matsumura, Schädlichen und nützlichen Ins. Formosas :18; Pl. XVI, Figs. 6, 6a. [n. sp., illustrated.]<sup>1</sup> Japan<sup>3</sup> Regions<sup>2</sup>
- 1911 *Dicranotropis fumosa* Matsumura, Mém. Soc. Ent. Belgique 18: 136 (8). [n. sp.]<sup>1</sup>
- 1915 *Dicranotropis fumosa* Schumacher, Mitt. Zool. Mus. Berlin 8: 134. [Listed.]<sup>1</sup>
- 1917 *Delphax fumosa* Pierce, Man. Dangerous Ins. 1917: 206. [Listed.]<sup>1,2</sup>
- 1931 *Dicranotropis fumosa* Clausen, Cir. United States Dept. Agr. 168: 45. [Listed.]<sup>1</sup>
- 1932 *Dicranotropis fumosa* Matsumura, Consp. Japanese inj. ins. 1932: 227. [Economics.]<sup>3</sup>
- 1932 *Dicranotropis fumosa* Esaki, Short Course Lectures, Leafhoppers :7. [Listed.]<sup>3</sup>

### **fuscicaudata** Muir

- 1917 *Dicranotropis fuscicaudata* Muir, Proc. Hawaiian Ent. Soc. 3: 318; Pl. 6, Figs. 48a, b. [n. sp., illustrated.]<sup>1</sup> Luzon<sup>1</sup>

### **fuscifrons** Muir

- 1911 *Perkinsiella fuscifrons* Muir, Bull. Hawaiian Sugar Pl. Assoc. 9: 11. [n. sp., on sugar cane.]<sup>1</sup> :4. [Key.] Amboyna,  
Malaysia<sup>1</sup>
- 1917 *Dicranotropis fuscifrons* Muir, Proc. Hawaiian Ent. Soc. 3: 317; Pl. 5, Fig. 26. [Notes, illustrated.]<sup>1</sup> Equals *Perkinsiella fuscifrons* Muir. Queensland<sup>2</sup>
- 1926 *Dicranotropis fuscifrons* Muir, Jour. Malayan Branch Roy. Asiatic Soc. 4: 399. [Comparative note.]
- 1928 *Perkinsiella fuscifrons* Jacobi, Mjöberg's Exp. Australia :42. [Described.]<sup>2</sup>
- 1936 *Dicranotropis fuscifrons* Swezey, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 21: 101. Equals *Perkinsiella fuscifrons* Muir.
- 1936 *Dicranotropis fuscifrons* Swezey, Hawaiian Plant. Rec. 40: 101. Equals *Perkinsiella fuscifrons* Muir.

*granulipennis*. Typographical error for *Dicranotropis granulipennis* Kato.

### **granulipennis** Kato

- 1932 *Dicranotropis granulipennis* [sic] Esaki, Short Course Lectures, Leafhoppers :7. [Listed.]<sup>1</sup> [nom. nud.] Japan<sup>1</sup>
- 1933 *Dicranotropis granulipennis* Kato, Illustrated Insects of Japan 4: Pl. 18, Fig. 2. [n. sp., illustrated.]<sup>1</sup> England<sup>4</sup>

*guttata* Spooner. See *Pissonotus guttatus* Spooner.

### **hamata** Boheman

- 1835 *Delphax notula* [nec Germar] Herrich-Schäffer, Nom. Ent. 1: 66. [Key.] Sweden<sup>1</sup>  
France<sup>2</sup>
- 1836 *Delphax notula* [nec Germar] Herrich-Schäffer, Deutschlands Ins. 143: 19. [Described, illustrated.] Equals *Delphax striata* Zett. Europe<sup>3</sup>  
[error.] Equals *Delphax dispar* Fall. [error.] Equals *Delphax striatella* Fall. [error.] Ireland<sup>5</sup>  
Germany<sup>6</sup>



*Dicranotropis*

- 1847 *Delphax hamata* Boheman, Handl. Svenska Vet. Akad. 1847: 45. Finland<sup>7</sup>  
[n. sp.]<sup>1</sup> Russia<sup>8</sup>
- 1847 *Hagamia* Amyot, Ann. Soc. Ent. France (2) 5: 172. [Described.]<sup>2</sup> Norway<sup>9</sup>  
[nom. binom.] Belgium<sup>10</sup>
- 1848 *Hagamia* Amyot, Méth. Mon. :368. [Described.]<sup>2</sup> [nom. binom.] Spain<sup>11</sup>
- 1850 *Delphax hamata* Schaum, Allg. Encykl. Ersch und Gruber 51: 69. Italy<sup>12</sup>  
[Listed.]<sup>1</sup> Czechoslovakia<sup>13</sup>
- 1850 *Delphax hamata* Boheman, Handl. Svenska Vet. Akad. 1849: 257. Transcaucasus<sup>14</sup>  
[Listed.]<sup>1</sup> British Isles<sup>15</sup>
- 1851 *Delphax hamata* Walker, List Homop. British Mus. 2: 357. Austria<sup>16</sup>  
[Listed.]<sup>1</sup> Hungary<sup>17</sup>
- 1851 *Asiraca hagamia* Walker, List Homop. British Mus. 2: 360. Algeria<sup>18</sup>  
[Listed.]<sup>3</sup> Equals *Hagamia* Amyot. Yugoslavia<sup>19</sup>
- 1852 *Delphax hamata* Boheman, Handl. Svenska Vet. Akad. 1851: 118. Tunisia<sup>20</sup>  
[Listed.]<sup>1</sup> Siberia<sup>21</sup>
- 1854 *Delphax hamata* Stål, Öfv. Svenska Vet. Akad. Förh. 11: 192. To Batavia<sup>22</sup>  
*Delphax striatella* Stål [error.] Denmark<sup>23</sup>
- 1855 *Delphax hamata* Fairmaire, Histoire Naturelle de la France. North Africa<sup>24</sup>  
Hémiptères 1855: 146. [Described.]<sup>2</sup> Wales<sup>25</sup>
- 1859 *Delphax hamata* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup> Estonia<sup>26</sup>
- 1860 *Delphax hamata* Walker, List British Hemip. :17. [Listed.]<sup>4</sup> Netherlands<sup>27</sup>
- 1861 *Delphax hamata* Flor, Rhynch. Livlands 2: 51. [Described.]<sup>1,16,26</sup> Scotland<sup>28</sup>  
Equals *Delphax notula* H.-S. [nec Germ.] Equals *Delphax striatella* Palaeartic  
Stål [nec Fall.]:34. [Key.] Region<sup>29</sup>
- 1865 *Delphax hamatus* Marshall, Ent. Monthly Mag. 1: 199. [Key]. East Asia<sup>30</sup>  
:228. [Described.]<sup>15</sup> Equals *Delphax notula* H.-S. [nec Germ.] Equals *Delphax striatella* Stål [nec Fall.]
- 1865 *Delphax hamata* Signoret, Ann. Soc. Ent. France (4) 5: 129. [Comparative note.]
- 1866 *Delphax hamatus* Bold, Ent. Monthly Mag. 2: 207. [Notes.]<sup>4</sup>
- 1866 *Dicranotropis hamata* Fieber, Verh. Zool. Bot. Ges. Wien. 16: 521, 531, 532; Pl. viii, Fig. 17. [Listed, illustrated.] Equals *Delphax hamata* Boh.
- 1867 *Dicranotropis hamata* Dallas, Zool. Rec. 3: 560. Equals *Delphax hamata* Boh.
- 1868 *Delphax hamata* Sahlberg, Not. Fennica [n. s.] 9 (9): 187. [Listed.]<sup>7</sup> Equals *Delphax striatella* Stål. [nec Fall.]
- 1868 *Dicranotropis hamata* Kirschbaum, Cicad. Wiesbaden :41 [Key, comparative note.]<sup>6</sup>  
Equals *Delphax notula* Flor [nec Germ.]
- 1868 *Delphax hamata* Sahlberg, Not. Fennica [n. s.] 9 (9): 216. [Notes.]<sup>7</sup> Equals *Delphax striatella* Stål [nec Fall.]
- 1870 *Dicranotropis hamata* Oshanin, Mém. Soc. Amis Sci. Nat. Moscou 6: 47. [Listed.]<sup>8</sup>
- 1870 *Dicranotropis hamata* Scott, Ent. Monthly Mag. 7: 73. [Key.]
- 1871 *Dicranotropis hamata* Oshanin, Bull. Imp. Soc. Nat. Hist. Imp. Univ. Moscou 6 (3): 30. [Listed.]<sup>3</sup>
- 1871 *Dicranotropis hamata* Sahlberg, Not. Fennica [n. s.] 9 (12): 58. [Listed.]<sup>1,7</sup> :469. [Described.]<sup>1,2,7,12,16</sup> Equals *Delphax hamata* Boh. Equals *Delphax notula* H.-S. [nec Germ.] Equals *Delphax striatella* Stål [nec Fall.]:489. [Listed.]<sup>7</sup> :34, 37. [Ecology.]
- 1872 *Liburnia hamata* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>2</sup>
- 1872 *Dicranotropis hamata* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>3</sup> Equals *Dicranotropis notula* H.-S. [nec Germ.] Equals *Dicranotropis fairmairi* [sic] Perris (?) [error.] Equals *Dicranotropis striatella* Stål [nec Fall.]
- 1874 *Dicranotropis* [sic] *hamata* Lethierry, Cat. Hémipt. Dept. du Nord Second Ed. :259 (55). [Listed.]<sup>2</sup>
- 1874 *Dicranotropis hamata* Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 84. [Listed.]<sup>6</sup>
- 1874 *Dicranotropis hamata* Siebke, Enumeratio Insectorum Norvegicorum 1: 41. [Listed.]<sup>9</sup>
- 1875 *Dicranotropis hamata* Puton, Cat. Hémipt. d'Europe 2 Ed. :122. [Listed.]<sup>3</sup> Equals *Dicranotropis notula* H.-S. [nec Germ.] Equals *Dicranotropis striatella* Stål [nec Fall.]

- 1876 *Dicranotropis hamata* Douglas and Scott, Cat. British Hemip. :70. [Listed.]<sup>15</sup> Equals *Delphax hamata* Boh. Equals *Delphax notula* H.-S. [nec Germ.] Equals *Delphax fairmairii* [sic] Perr. (?) [error.] Equals *Delphax striatella* Stål [nec Fall.]
- 1878 *Delphax hamata* Dale, History of Glanville's Wootton :305. [Listed.]<sup>4</sup>
- 1878 *Dicranotropis hamata* Lethierry, Ann. Soc. Ent. Belgique 21 : xxxvii. [Listed.]<sup>10</sup>
- 1879 *Dicranotropis hamatus* Norman, Ent. Monthly Mag. 15 : 256. [Listed.]<sup>23</sup>
- 1879 *Dicranotropis hamata* Bolivar and Chicote, Ann. Soc. Esp. 8 : 179 (33). [Listed.]<sup>11</sup>
- 1879 *Dicranotropis hamata* Fieber, Cicad. d'Europe Pt. 4 : 151 (87). [Key.]<sup>3</sup> Equals *Delphax hamata* Boh. Equals *Delphax notula* H.-S. [nec Germ.] Equals *Dicranotropis striatella* Stål [nec Fall.] Equals *Hagamia* (?) Amyot.
- 1880 *Dicranotropis hamata* Reiber et Puton, Bull. Soc. Hist. Nat. Colmar 21 : 56. [Listed.]<sup>2</sup>
- 1880 *Dicranotropis hamata* Norman, Ent. Monthly Mag. 16 : 213. [Listed.]<sup>28</sup>
- 1880 *Dicranotropis hamata* Reuter, Medd. Soc. Fauna Fl. Fennica 5 : 202. [Listed.]<sup>7</sup>
- 1881 *Dicranotropis hamata* Mayr, Ber. Natur.-Med. Ver. Innsbruck 10 : 87 (11). [Listed.]<sup>16</sup>
- 1882 *Dicranotropis hamata* Norman, Ent. Monthly Mag. 18 : 276. [Listed.]<sup>28</sup>
- 1882 *Dicranotropis hamata* Ferrari, Cicad. Agri Ligustici :94 (22). [Listed.]<sup>12</sup> Equals *Delphax hamata* Boh. Equals *Hagamia* Amyot [non binom.] :93. (21) [Key.]
- 1883 *Dicranotropis hamata* Bloomfield, Natural History of Hastings. First Suppl. 1883 : 34. [Listed.]<sup>4</sup>
- 1884 *Dicranotropis hamata* Edwards, Trans. Nat. Soc. Norwich 3 : 713. [Listed.]<sup>4</sup>
- 1884 *Dicranotropis hamata* Mayr, Tabellen :21. [Listed.]<sup>3</sup>
- 1885 *Delphax hamata* Fairmaire, Hist. Nat. France Hémip. :146. [Described.]<sup>2</sup>
- 1885 *Dicranotropis hamata* Ivanoff, Liste des Cigales :117(35) [Described.] :89 (7). [Listed.]
- 1886 *Dicranotropis hamata* Edwards, Syn. British Homop.-Cicadina Pt. 1 : 92. [Described.]<sup>16</sup> Equals *Delphax hamata* Boh. Equals *Delphax notula* H.-S. [nec Germ.] Equals *Delphax striatella* Stål [nec Fall.]
- 1886 *Dicranotropis hamata* Then, Kat. Österreichischen Cicad. 1886 : 16. [Listed.]<sup>3,16</sup>
- 1886 *Dicranotropis hamata* Löw, Becker's Hernstein Niederösterreich 3 : 497. [Listed.]<sup>16</sup>
- 1886 *Dicranotropis* [sic] *hamata* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>8</sup> Equals *Dicranotropis* [sic] *notula* H.-S. [nec Germ.] Equals *Dicranotropis* [sic] *striatella* Stål [nec Fall.]
- 1888 *Dicranotropis hamata* Dubois, Mém. Soc. Linn. Nord France 7 : 156 (60). [Listed.]<sup>2</sup>
- 1890 *Metropis hamata* Funk, Ber. Nat. Ges. Bamberg 15 : 140. [Listed.]<sup>6</sup>
- 1890 *Dicranotropis hamata* Buckton, Mon. British Cicadae 3 : 66; Pl. 19, Figs. 1a-c. [Described, illustrated.]<sup>4,3</sup> Equals *Delphax hamata* Boh. Equals *Delphax notula* H.-S. [nec Germ.] Equals *Delphax striatella* Stål [nec Fall.]
- 1890 *Dicranotropis hamata* Dominique, Ann. Soc. Acad. Loire-Inférieure 1890 : 110 (26). [Listed.]<sup>2</sup>
- 1890 *Dicranotropis hamata* Saunders and Edwards, Cat. British Hemiptera 1890 : 12. [Listed.]<sup>16</sup>
- 1891 *Dicranotropis hamata* Fauvel, Rev. Ent. 10 : 58. [Listed.]<sup>2</sup>
- 1891 *Dicranotropis hamata* Fokker, Cat. Nederland Hemip. :366. [Listed.]<sup>27</sup>
- 1892 *Dicranotropis hamata* Spitzner, Verh. Naturf. Ver. Brünn 30 : 27. [Listed.]<sup>13</sup>
- 1892 *Dicranotropis* [sic] *hamata* Coubeaux, Ann. Soc. Ent. Belgique 36 : 34 (1). [Listed.]<sup>10</sup>
- 1892 *Dicranotropis* [sic] *hamata* Duda, Cat. Ins. Faunae Bohemicae :29. [Listed.]<sup>13</sup> Equals *Dicranotropis* [sic] *notula* H.-S. [nec Germ.] Equals *Dicranotropis* [sic] *striatella* Stål [nec Fall.]
- 1892 *Dicranotropis hamata* Ferrari, Ann. Mus. Genova (2) 12 : 570 (22). [Listed.]<sup>12</sup>
- 1892 *Dicranotropis hamata* Lethierry, Rev. Hémip. Belgique :22. [Listed.]<sup>10</sup>
- 1892 *Dicranotropis hamata* Dominique, Bull. Soc. Sci. Nat. Ouest France 2 : 116. [Listed.]<sup>2</sup>
- 1892 *Dicranotropis hamata* Carpentier and Dubois, Mém. Soc. Linn. Nord France 8 : 433. [Listed.]<sup>2</sup>
- 1893 *Dicranotropis hamata* Bezzi, Bull. Soc. Ent. Italiana 25 : 108 (28). [Listed.]<sup>12</sup>
- 1893 *Dicranotropis hamata* M'Gregor, Ann. Scottish Nat. Hist. 1893 : 220. [Listed.]<sup>23</sup>
- 1894 *Dicranotropis hamata* Fokker, Tijdschr. Ent. 37 : 83. [Listed.]<sup>27</sup>
- 1894 *Dicranotropis hamata* Horváth, Rev. Ent. 13 : 177. [Listed.]<sup>3,14</sup>
- 1894 *Dicranotropis hamata* Edwards, Hemip.-Homop. British Islands Pt. 2 : Pl. VIII, Fig. 5. [Illustrated.]

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- 1894 *Dicranotropis hamata* Edwards, Hemip.-Homop. British Islands Pt. 3: 72. [Described.]<sup>15</sup>
- 1895 *Dicranotropis hamata* Wüstnei, Schr. Nat. Schleswig-Holsteins. 10: 269. [Listed.]<sup>6</sup>
- 1896 *Dicranotropis hamata* Melichar, Cicad. Mittel-Europa :98; Pl. 6, Figs. 5–13. [Described, illustrated.]<sup>3,16</sup> Equals *Delphax hamata* Boh. Equals *Delphax notula* H.-S. [nec Germ.] Equals *Delphax striatella* Stål [nec Fall.] :97. [Key.]
- 1897 *Dicranotropis hamata* Horváth, Fauna Regni Hungariae :57. [Listed.]<sup>17</sup>
- 1897 *Delphax hamata* Aclouque, Faune France :401. [Key.]<sup>2</sup>
- 1899 *Dicranotropis hamata* Melichar, Wien. Ent. Zeit. 18: 181. [Listed.]<sup>20</sup>
- 1899 *Dicranotropis hamata* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :109. [Listed.]<sup>3</sup> Equals *Dicranotropis notula* H.-S. [nec Germ.] Equals *Dicranotropis striatella* Stål [nec Fall.]
- 1900 *Dicranotropis* [sic] *hamata* Fokker, Tijdschr. Ent. 42: 25. [Listed.]<sup>18</sup> :14. [Listed.]<sup>6</sup>
- 1900 *Dicranotropis hamata* Strobl, Mitt. Natur. Ver. Steiermark 36: 206. [Listed.]<sup>16</sup>
- 1900 *Dicranotropis hamata* Melichar, Wien. Ent. Zeit. 19: 45. [Listed.]<sup>21</sup>
- 1900 *Dicranotropis hamata* Lameere, Man. Faune Belgique 2: 142. [Described.]<sup>10</sup>
- 1901 *Dicranotropis hamata* Lambertie, Act. Soc. Linn. Bordeaux 56: 218 (90). [Listed.]<sup>2</sup>
- 1901 *Dicranotropis hamata* Melichar, Ent. Jahrb. 1901: 56 (12). [Listed.]
- 1901 *Dicranotropis hamata* Schouteden, Ann. Soc. Ent. Belgique 45: 269. [Listed.]<sup>10</sup>
- 1902 *Dicranotropis hamata* Cobelli, Cicadine Trentino :10. [Listed.]<sup>12</sup>
- 1902 *Dicranotropis hamata* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) 2: 223. [Listed.]<sup>2</sup>
- 1903 *Dicranotropis hamata* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 63 (23). [Listed.]<sup>12</sup>
- 1903 *Dicranotropis hamata* Horváth, Ann. Mus. Nat. Hungarici 1: 28. [Listed.]<sup>19</sup>
- 1904 *Dicranotropis hamata* Hübner, Syst. Verz. deutschen Zikadinen :270. [Listed.]<sup>6</sup> Equals *Dicranotropis notula* H.-S. [nec Germ.] Equals *Dicranotropis striatella* Stål [nec Fall.]
- 1906 *Dicranotropis hamata* Distant, Fauna British India 3: 479. [Listed.]<sup>29</sup>
- 1906 *Dicranotropis hamata* Matsumura, Schr. Nat. Ges. Danzig 11: 77. [Listed.]<sup>6</sup> Equals *Dicranotropis notula* H.-S. [nec Germ.]
- 1907 *Dicranotropis hamata* Butler, Hemip. Hastings :49. [Notes.]<sup>4</sup> :56. [Listed.]<sup>4</sup>
- 1907 *Dicranotropis hamata* Oshanin, Verz. Palaeark. Hemip. 2 (2): 333. [Listed.]<sup>1,2,6,7,8,11,12,15,16,17,18,20,21</sup> Equals *Delphax hamata* Boh. Equals *Delphax notula* H.-S. [nec Germ.] Equals *Delphax striatella* Stål [nec Fall.]
- 1907 *Dicranotropis hamata* Oshanin, Cat. Homop. St. Pétersbourg 1907: 248 (36). [Listed.]<sup>8</sup>
- 1907 *Dicranotropis hamata* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 133. [Notes.]
- 1907 *Dicranotropis hamata* Bierman, Ent. Berichten 2: 114. [Listed.]
- 1908 *Dicranotropis hamata* Saunders and Edwards, Cat. British Hemiptera 1908: 15. [Listed.]<sup>15</sup>
- 1908 *Dicranotropis hamata* Oshanin, Verz. Palaeark. Hemip. 2 (3): 454. [Listed.]<sup>10,22</sup>
- 1910 *Dicranotropis hamata* Lambertie, Misc. Ent. 18: 93. [Listed.]<sup>2</sup> Equals *Dicranotropis notula* H.-S. [nec Germ.] Equals *Dicranotropis striatella* Stål [nec Fall.]
- 1912 *Dicranotropis hamata* Schmidt, Stett. Ent. Zeit. 73: 150. [Notes.]<sup>6</sup>
- 1912 *Dicranotropis hamata* Butler, Ent. Monthly Mag. 48: 189. [Listed.]<sup>25</sup>
- 1912 *Dicranotropis hamata* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>3,18,20,21</sup> Equals *Dicranotropis notula* H.-S. [nec Germ.] Equals *Dicranotropis striatella* Stål [nec Fall.]
- 1912 *Dicranotropis hamata* Sabrinsky, Mitt. Natur. Ver. Steiermark 48: 316. [Listed.]<sup>16</sup>
- 1912 *Dicranotropis hamata* Schumacher, Ent. Rundsch. 29: 95. [Listed.]<sup>6</sup>
- 1913 *Dicranotropis hamata* Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]<sup>16</sup>
- 1913 *Dicranotropis hamata* Melichar, Faune Walouyki Russie 7: 6. [Listed.]<sup>8</sup>
- 1914 *Dicranotropis hamata* Haupt, Ent. Jahrb. 23: 163 (5). [Ecology.]
- 1915 *Dicranotropis hamata* Jacobsen, Ent. Medd. 10: 320. [Listed.]<sup>23</sup>
- 1915 *Dicranotropis* [sic] *hamata* Muir, Canadian Ent. 47: 300. [Listed.]
- 1916 *Dicranotropis hamata* Jensen-Haarup, Flora och Fauna 1916: 36; Figs. 19a–d. [Described, illustrated.]<sup>23</sup> :35. [Key.]



- 1920 *Dicranotropis hamata* Jensen-Haarup, Danmarks Fauna :61; Fig. 32. [Described, illustrated, key.]<sup>3,21,23,24</sup>
- 1920 *Dicranotropis hamata* Tullgren and Wahlgren, Svenska Insekter 1920: 152. [Notes.]<sup>1</sup>
- 1922 *Dicranotropis hamata* Stichel, Int. Ent. Zeits. 16: 133. [Listed.]<sup>6</sup>
- 1924 *Dicranotropis hamata* Lindberg, Acta. Soc. Fauna Flora Fennica 56: 46. [Listed.]<sup>7</sup>
- 1925 *Dicranotropis hamata* Haupt, Mitt. Münchner Ent. Ges. 15: 10, 18. [Listed.]<sup>6</sup>
- 1925 *Dicranotropis hamata* Kupka, Mitt. Münchner Ent. Ges. 15: 111. [Listed.]<sup>6</sup>
- 1925 *Dicranotropis hamata* Brown, Ent. Monthly Mag. 61: 63. [Listed.]<sup>25</sup>
- 1925 *Dicranotropis hamata* Singh-Pruthi, Trans. Ent. Soc. London 1925: 230; Pl. XXXI, Fig. 271. [Genitalia, illustrated.]
- 1925 *Dicranotropis hamata* Handlirsch, Schröder's Handb. Ent. 3 (17-18): 1112, Figs. 1012, 1013. [Illustrated.]
- 1926 *Dicranotropis hamata* Rémy-Perrier, Homop. Faune France 4: 93; Fig. DH. [Key, illustrated.]<sup>2</sup>
- 1927 *Dicranotropis hamata* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 144. [Listed.]<sup>2</sup>
- 1927 *Delphax hamata* Sherborn, Index Animalium 12: 2905. [Listed.]
- 1927 *Hagania* Sherborn, Index Animalium 12: 2896. [Listed.] [non binom.]
- 1928 *Dicranotropis hamata* Filipieff, Guide to Insects. :160. [Described.]
- 1928 *Dicranotropis hamata* Handlirsch, Schröder's Handb. Ent. 1 (38): 1347; Fig. 13. [Morphology, illustrated.]
- 1928 *Dicranotropis hamata* Ivanov, Mém. Acad. Sci. Ukraine 6: 198. [Listed.]<sup>8</sup>
- 1928 *Dicranotropis hamata* Ivanov, Trav. Mus. Zool. 1928: 502. [Listed.]<sup>8</sup>
- 1928 *Dicranotropis hamata* Ivanov, Rev. Russe d'Ent. 22: 58, 63; Figs. 5, 12. [Reproductive system described, illustrated.]
- 1929 *Dicranotropis hamata* Brown, Ent. Monthly Mag. 65: 42. [Listed.]<sup>4</sup>
- 1929 *Hagania* Schulze, Kükenthal and Heider, Nomenclator Animalium 3 (11): 1446. [Listed.] [nom binom.]
- 1930 *Dicranotropis hamata* Britten, Check List Fauna Lancashire and Cheshire 1: 74. [Listed.]<sup>4</sup>
- 1931 *Dicranotropis hamata* Duffield, Ent. Monthly Mag. 67: 38. [Described.]<sup>4</sup>
- 1932 *Dicranotropis hamata* Enderlein, Fauna von Deutschland 1932: 193. [Listed.]<sup>6</sup>
- 1933 *Dicranotropis hamata* Pawlik, Ent. Rundsch. 50: 235 (2). [Listed.]
- 1934 *Dicranotropis hamata* Ossiannilsson, Ent. Tidskr. 55: 139. [Listed.]<sup>1</sup>
- 1934 *Delphacinus hamatus* Thornley, Trans. Soc. British Ent. 1: 83. [Listed.]<sup>4</sup>
- 1935 *Dicranotropis hamata* Halbert, Proc. R. Irish Acad. 42 [Sect. B]: 310. [Listed.]<sup>6</sup>
- 1935 *Dicranotropis hamata* Rapp, Beiträge zur Fauna Thüringens 1: 51. [Listed.]<sup>6</sup>
- 1935 *Dicranotropis hamata* Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 7 [Listed.]<sup>6</sup>
- 1935 *Dicranotropis hamata* Haupt, Tierwelt Mitteleuropas 4 (3): 139; Fig. 232. [Key, illustrated.] :129; Fig. 207. [Illustrated.]<sup>3,24,30</sup>
- 1937 *Dicranotropis hamata* Kuntze, Arch. Nat. [n. f.] 6: 315, 319, 341, 342, 350, 355. [Ecology.]<sup>6</sup>
- 1939 *Dicranotropis hamata* Lindberg, Acta Zool. Fennica 22: 84. [Parasites.] :156, 160-161; Fig. 58. [Effects of parasitism, illustrated.]
- 1939 *Dicranotropis hamata* China, Ent. Monthly Mag. 75: 49, 50. [Comparative note.]
- 1939 *Dicranotropis hamata* Hassan, Trans. Ent. Soc. London 89: 354. [Key.] :346. [Listed.]<sup>4</sup> :347, 348, 349, 350, 352, 353, 359; Figs. 2A-B, 12A-B. [Life history, illustrated.]<sup>4</sup> :361, 362, 366, 373, 376, 377, 382. [Parasites.]

**ibadanensis** Muir

- 1920 *Dicranotropis ibadanensis* Muir, Bull. Ent. Res. 10: 141; Figs. 4a, Nigeria<sup>1</sup>  
b. [n. sp., illustrated.]<sup>1</sup> West Africa<sup>2</sup>
- 1929 *Dicranotropis ibadanensis* Muir, Ann. Mag. Nat. Hist. (10) 4: 201. [Listed.]<sup>2</sup>

**incerta** Van Duzee

- 1894 *Liburnia incerta* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 192. Eastern States<sup>1</sup>  
[Listed.]<sup>2</sup> [nom. nud.] New York<sup>2</sup>



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- 1897 *Liburnia* (?) *incerta* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: Ohio<sup>3</sup>  
258. [n. sp.]<sup>2</sup> :227. [Listed.]
- 1904 *Liburnia* (?) *incerta* Swezey, Prelim. Cat. Fulgoridae North America 1904: 41.  
[Listed.]<sup>2,3</sup>
- 1904 *Liburnia incerta* Osborn, Ohio Nat. 4: 100. [Listed.]<sup>3</sup>
- 1916 *Liburnia incerta* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>1</sup>
- 1917 *Liburnia incerta* Van Duzee, Cat. Hemip. America :778. [Listed.]<sup>2,3</sup>
- 1923 *Liburnia incerta* Metcalf, Jour. Elisha Mitchell Soc. 38: 172. [Key.]
- 1924 *Dicranotropis incerta* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 17.  
[Described.] Equals *Liburnia* (?) *incerta* Van Duzee.
- 1928 *Delphacodes incerta* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 182. [Listed.]<sup>2</sup>
- 1938 *Dicranotropis incerta* Osborn, Bull. Ohio Biol. Surv. 6: 347. [Described.]<sup>3</sup> Equals  
*Liburnia* (?) *incerta* Van Duz.

*incerta* Oshanin [nom. nud.]

- 1891 *Dicranotropis incertus* Oshanin, Mem. Sect. caucasienne Soc. russe Russia<sup>1</sup>  
Geogr. 23 (1): 48. [Listed.]<sup>1</sup> [nom. nud.]

*insignis* Muir

- 1926 *Dicranotropis insignis* Muir, Jour. Malayan Branch Roy. Asiatic Mentawai  
Soc. 4: 399; Fig. 11. [n. sp., illustrated.]<sup>1</sup> Islands<sup>1</sup>
- koebelei* Kirkaldy. See *Phyllostinus kirkaldyi* Metcalf. (East Indies)
- lineola* Stål. See *Megamelus notulus* Germar.

*lunaris* Melichar

- 1905 *Dicranotropis lunaris* Melichar, Wien. Ent. Zeit. 24: 286. [n. sp.]<sup>1</sup> Tanganyika  
1929 *Dicranotropis lunaris* Muir, Ann. Mag. Nat. Hist. (10) 4: 201. Territory<sup>1</sup>  
[Listed.]<sup>1</sup>

*lunulifera* Melichar

- 1912 *Peregrinus lunulifer* Melichar, Deutschen Zentral-Afrika-Exp. 1: Belgium Congo<sup>1</sup>  
134; Pl. 2, Fig. 13. [n. sp., illustrated.]<sup>1,2</sup> French
- 1926 *Dicranotropis* (?) *lunulifer* [sic] Muir, Ann. Mag. Nat. Hist. (9) Equatorial  
17: 28. [Listed.] Equals *Peregrinus lunulifer* Mel. Africa<sup>2</sup>
- 1929 *Peregrinus* (?) *lunulifera* [sic] Muir, Ann. Mag. Nat. Hist. (10) 4:  
222. [Listed.]
- luteivitta* Walker. See *Stenocranus luteivittus* Walker.
- maidis* Ashmead. See *Peregrinus maidis* Ashmead.

*manicata* Hesse

- 1925 *Liburnia manicata* Hesse, Ann. South African Mus. 23: 170; Pl. 8, Cape Province<sup>1</sup>  
Fig. 7. [n. sp., illustrated.]<sup>1</sup>
- 1929 *Dicranotropis* (?) *manicata* Muir, Ann. Mag. Nat. Hist. (10) 4: 201. [Notes.] Equals  
*Liburnia manicata* Hesse.
- marginata* Crawford [nec Van Duzee]. See *Pissonotus crawfordi* Metcalf.
- marginata* Van Duzee. See *Pissonotus marginatus* Van Duzee.

*muiri* Kirkaldy

- 1907 *Dicranotropis muiri* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: China<sup>1</sup>  
134; Pl. 13, Figs. 4-6. [n. sp., illustrated.]<sup>1</sup> :133. [Key.] :12. Formosa<sup>2</sup>  
[Listed.] Luzon<sup>3</sup>
- 1916 *Dicranotropis muiri* Muir, Bull. Hawaiian Sugar Pl. Assoc. Div. Java<sup>4</sup>  
Ent. 13: 53. [Listed.]<sup>1</sup> Borneo<sup>5</sup>

- 1917 *Dicranotropis muiri* Muir, Proc. Hawaiian Ent. Soc. 3: 317.  
[Listed.]<sup>1,2,3,4,5</sup>  
1918 *Dicranotropis muiri* Pierce, Proc. United States Nat. Mus. 54: 487. [Parasitized.]<sup>4</sup>

**nigropunctata** Motschulsky

- 1863 *Mestus nigropunctatus* Motschulsky, Bull. Soc. Nat. Moscou 36: Ceylon<sup>1</sup>  
112. [n. sp.]<sup>1</sup> Java<sup>2</sup>  
1891 *Mestus* (?) *nigropunctatus* Kirby, Jour. Linn. Soc. Zool. 24: 142.  
[Listed.]<sup>1</sup>  
1903 *Dicranotropis nigropunctatus* Melichar, Homop.-Fauna Ceylon :106; Pl. 3, Figs. 12,  
12a. [Described, illustrated.]<sup>1</sup> Equals *Mestus* (?) *nigropunctatus* Motsch. :225.  
[Listed.]<sup>1</sup>  
1904 *Dicranotropis nigropunctatus* Busse, Arb. Biol. Land Forst. Ges. 4: 354. [Listed.]<sup>1</sup>  
1906 *Dicranotropis nigropunctatus* Distant, Fauna British India 3: 480; Fig. 265. [De-  
scribed, illustrated.]<sup>1</sup> Equals *Mestus* (?) *nigropunctatus* Motsch.  
1907 *Dicranotropis nigropunctatus* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 133.  
[Key.]  
1908 *Dicranotropis nigropunctatus* Bierman, Notes Leyden Mus. 29: 164. [Listed.]<sup>2</sup>  
1914 *Dicranotropis nigropunctatus* Melichar, Notes Leyden Mus. 36: 111. [Listed.]<sup>2</sup>

**nitida** Haupt

- 1866 *Dicranotropis flavipes* [nec Signoret] Fieber, Verh. Zool. Bot. Ges. Switzerland<sup>1</sup>  
Wien 16: 521, 531, 532; Pl. 8, Fig. 17. [Listed, illustrated.] Germany<sup>2</sup>  
1867 *Dicranotropis flavipes* [nec Signoret] Dallas, Zool. Rec. 3: 560. France<sup>3</sup>  
Equals *Delphax flavipes* Sign. [error.] Italy<sup>4</sup>  
1872 *Dicranotropis flavipes* [nec Signoret] Fieber, Kat. Europäischen Austria<sup>5</sup>  
Cicad. :6. [Listed.]<sup>1,2</sup> [nom. nud.] Belgium<sup>6</sup>  
1875 *Dicranotropis flavipes* [nec Signoret] Puton Cat. Hémip. d'Europe Hungary<sup>7</sup>  
2 Ed. :122. [Listed.]<sup>1,2,3</sup> [nom. nud.] Spain<sup>8</sup>  
1879 *Dicranotropis flavipes* [nec Signoret] Fieber, Cicad. d'Europe Pt. Russia<sup>9</sup>  
4: 149 (85). [Key.]<sup>1,3</sup> Equals *Delphax flavipes* Sign. [error.] Siberia<sup>10</sup>  
1880 *Dicranotropis flavipes* [nec Signoret] Reiber and Puton, Bull. Soc. Central Europe<sup>11</sup>  
Hist. Nat. Colmar 21: 56. [Listed.]<sup>3</sup> Denmark<sup>12</sup>  
1882 *Dicranotropis flavipes* [nec Signoret] Ferrari, Cicad. Agri. Ligustici Poland<sup>13</sup>  
:93 (21). [Listed, key.]<sup>4</sup> Equals *Delphax flavipes* Sign. [error.]  
1884 *Dicranotropis flavipes* [nec Signoret] Mayr, Tabellen :21. [Listed.]<sup>1,2</sup>  
1886 *Dicranotropis flavipes* [nec Signoret] Then, Kat. Österreichischen Cicad. 1886: 16.  
[Listed.]<sup>5</sup>  
1886 *Dicranotropis* [sic] *flavipes* [nec Signoret] Puton, Cat. Hémip. Faune Paléarctique 3  
Ed. :74. [Listed.]<sup>1,2,3,4</sup>  
1891 *Dicranotropis flavipes* [nec Signoret] Jakovleff, Horae Soc. Ent. Rossicae 25: 426.  
[Listed.]  
1892 *Dicranotropis* [sic] *flavipes* [nec Signoret] Coubeaux, Ann. Soc. Ent. Belgique 36: 34  
(1). [Listed.]<sup>6</sup>  
1892 *Dicranotropis flavipes* [nec Signoret] Ferrari, Ann. Mus. Genova (2) 12: 570 (22).  
[Listed.]<sup>4</sup>  
1896 *Dicranotropis flavipes* [nec Signoret] Melichar, Cicad. Mittel-Europa :97. [Described,  
key.]<sup>5</sup>  
1897 *Dicranotropis flavipes* [nec Signoret] Horváth, Fauna Regni Hungariae :57. [Listed.]<sup>7</sup>  
1899 *Dicranotropis flavipes* [nec Signoret] Melichar, Ent. Jahrb. 1899: (11). [Listed.]<sup>5</sup>  
1899 *Dicranotropis flavipes* [nec Signoret] Puton, Cat. Hémip. Faune Paléarctique 4 Ed.  
:109. [Listed.]<sup>1,2,3,4,5</sup>  
1900 *Dicranotropis flavipes* [nec Signoret] Fokker, Tijdschr. Ent. 42: 7. [Listed.]<sup>8</sup>  
1900 *Dicranotropis flavipes* [nec Signoret] Melichar, Wien Ent. Zeit. 19: 45. [Listed.]<sup>9,10</sup>  
1901 *Dicranotropis flavipes* [nec Signoret] Horváth, Zool. Erg. Zichy :256. [Listed.]<sup>9</sup>  
1903 *Dicranotropis flavipes* [nec Signoret] Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste  
21: 63 (23). [Listed.]<sup>4</sup>

*Dicranotropis*

- 1904 *Dicranotropis flavipes* [nec Signoret] Hüber, Syst. Verz. Deutschen Zikadinen :270. [Listed.]<sup>2</sup>
- 1907 *Dicranotropis flavipes* [nec Signoret] Oshanin, Verz. Palaeark. Hemip. 2 (2) :333. [Listed.]<sup>1,2,3,4,5,7,8,9,10</sup>
- 1908 *Dicranotropis flavipes* [nec Signoret] Oshanin, Verz. Palaeark. Hemip. 2 (3) :454. [Listed.]<sup>6</sup>
- 1910 *Dicranotropis flavipes* [nec Signoret] Cobelli, Zeits. Wiss. Insektenbiol. 6: 244. [Notes.]<sup>4</sup>
- 1910 *Dicranotropis flavipes* [nec Signoret] Matsumura, Schädlichen und nützlichen Ins. Formosas :18. [Comparative note.]
- 1911 *D[icranotropis] flavipes* [nec Signoret] Matsumura, Mém. Soc. Ent. Belgique 18: 136 (8). [Comparative note.]
- 1912 *Dicranotropis flavipes* [nec Signoret] Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>9,11</sup>
- 1915 *Dicranotropis flavipes* [nec Signoret] Jacobsen, Ent. Medd. 10: 320. [Listed.]<sup>12</sup>
- 1916 *Dicranotropis flavipes* [nec Signoret] Jensen-Haarup, Flora och Fauna 1916: 35. [Described, key.]<sup>12</sup>
- 1920 *Dicranotropis flavipes* [nec Signoret] Jensen-Haarup, Danmarks Fauna :62. [Described.]<sup>9,10,11,12</sup> :61. [Key.]
- 1924 *Dicranotropis nitida* Haupt, Konowia 3: 299. [n. sp.]<sup>5</sup>
- 1935 *Dicranotropis flavipes* [nec Signoret] Haupt, Tierwelt Mitteleuropas 4 (3) :139; Fig. 231. [Key, illustrated.] Equals *Dicranotropis nitida* Haupt.
- 1936 *Dicranotropis flavipes* [nec Signoret] Nast, Fragm. Faun. Mus. Zool. Polonici 2: 326 (4). [Listed.]<sup>13</sup>

*notula* Herrich-Schäffer [nec Germar]. See *Dicranotropis hamata* Boheman.

**obscurella** Lallemand

- 1925 *Dicranotropis obscurella* Lallemand, Ark. Zool. 18: 5. [n. sp.]<sup>1</sup> Central Africa<sup>1</sup>

**pallidinervis** Muir

- 1926 *Dicranotropis pallidinervis* Muir, Bull. Hawaiian Sugar Pl. Assoc. Brazil<sup>1</sup>  
18: 24; Pl. 3, Figs. 66, 67, 68. [n. sp., illustrated.]<sup>1</sup>

*pallipes* Van Duzee. See *Pissonotus pallipes* Van Duzee.

*picea* Spooner. See *Phyllodictus flabellatus* Ball.

**pondolandensis** Muir

- 1926 *Dicranotropis pondolandensis* Muir, Ann. Mag. Nat. Hist. (9) 17: Cape Province<sup>1</sup>  
28; Fig. 26. [n. sp., illustrated.]<sup>1</sup>
- 1929 *Dicranotropis pondolandensis* Muir, Ann. Mag. Nat. Hist. (10) 4: 201. [Listed.]<sup>1</sup>

**pseudomaidis** Kirkaldy

- 1906 *Phacalastor pseudomaidis* Kirkaldy, Bull. Hawaiian Sugar Pl. Queensland<sup>1</sup>  
Assoc. 1 (9): 408. [n. sp., key.]<sup>1</sup> :313. [Listed.]<sup>2,3</sup> :279. [Metamor- Australia<sup>2</sup>  
phosis.] Fiji<sup>3</sup>
- 1907 *Perkinsiella pseudomaidis* Kirkaldy, Bull. Hawaiian Sugar Pl. Malay  
Assoc. 3:136; Pl. 13, Figs. 1-3. [Notes, illustrated, key to nymphs.]<sup>3</sup> Peninsula<sup>4</sup>  
Equals *Phacalastor pseudomaidis* Kirk. :135. [Key.] :12. [Listed.]
- 1907 *Dicranotropis pseudomaidis* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 183; Pl.  
11, Figs. 14-16. [Illustrated.]
- 1911 *Phacalastor pseudomaidis* Muir, Bull. Hawaiian Sugar Pl. Assoc. 9: 11. [Notes.]  
Equals *Perkinsiella pseudomaidis* Kirk.
- 1917 *Dicranotropis pseudomaidis* Muir, Proc. Hawaiian Ent. Soc. 3: 316. [Notes.] :317.  
[Comparative note.]
- 1919 *Dicranotropis pseudomaidis* [sic] Muir, Philippine Jour. Sci. 15: 529. [Listed.]<sup>1,4</sup>
- 1928 *Phacalastor pseudomaidis* Jarvis, Queensland Agr. Jour. 1928: 259. [Economics.]<sup>1</sup>

*quadripustulata* Van Duzee. See *Pissonotus quadripustulatus* Van Duzee.

*speciosa* Boheman. See *Euidella speciosa* Boheman.

### straminea Muir

1929 *Dicranotropis stramineus* Muir, Ann. Mag. Nat. Hist. (10) 4: 200; Natal<sup>1</sup>  
Figs. 11, 11a. [n. sp., illustrated.]<sup>1</sup>

*striatella* Stål [nec Fallén]. See *Dicranotropis hamata* Boheman.

### turneri Muir

1929 *Dicranotropis turneri* Muir, Ann. Mag. Nat. Hist. (10) 4: 199; Fig. Cape Province<sup>1</sup>  
10. [n. sp., illustrated.]<sup>1</sup>

*variegata* Spooner. See *Pissonotus quadripustulatus* Van Duzee.

*vastatrix* Breddin. See *Perkinsiella vastatrix* Breddin.

### Genus PLATYPAREIA Muir

Orthotype *Platypareia albipes* [n. sp.] 1934 Muir, Ann. Mag. Nat. Hist. (10) 14: 579.

Platypareia 1934 Muir, Ann. Mag. Nat. Hist. (10) 14: 579. [gen. n.]

1940 Neave, Nomenclator Zoologicus 3: 798. [Listed.]

### albipes Muir

1934 *Platypareia albipes* Muir, Ann. Mag. Nat. Hist. (10) 14: 579. Figs. India<sup>1</sup>  
18, 19. [n. sp., illustrated.]<sup>1</sup>

### Genus RHINODELPHAX Muir

Orthotype *Rhinodelphax hargreavesi* [n. sp.] 1934 Muir, Ann. Mag. Nat. Hist. (10) 14: 577.

Rhinodelphax 1934 Muir, Ann. Mag. Nat. Hist. (10) 14: 577. [gen. n.]

1940 Neave, Nomenclator Zoologicus 4: 44. [Listed.]

### hargreavesi Muir

1934 *Rhinodelphax hargreavesi* Muir, Ann. Mag. Nat. Hist. (10) 14: Sierra Leone<sup>1</sup>  
578; Figs. 16, 17. [n. sp., illustrated.]<sup>1</sup>

### Genus EUIDELLA Puton

Logotype *Euidella basilinea* 1912 Oshanin, Kat. Paläark. Hemip. :118.

Type *Euidella basilinea* 1915 Muir, Canadian Ent. 47: 263.

Type *Euidella basilinea* 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 211.

Type *Euidella basilinea* 1935 Haupt, Tierwelt Mitteleuropas 4 (3): 131.

[*Euides* Fieber]

[Type *Euides basilinea* 1915 Muir, Canadian Ent. 47: 263.]

*Euides* 1866 Fieber, Verh. Zool. Bot. Ges. Wien 16: 519. [gen. n.] :532. [Listed.]

*Euides* [sic] 1867 Dallas, Zool. Rec. 3: 560. [Key.]

*Liburnia* 1870 Scott, Ent. Monthly Mag. 7: 25. [Key to British species.] [nec Stål]  
[in part.]

*Euides* 1871 Sahlberg, Not. Fennica [n. s.] 9 (12): 402. [Described.] :56. [Listed.] :74.  
[Key.] :23. [Dimorphism.]



*Euidella*

- 1872 Fieber, Kat. Europäischen Cicad. :5. [Listed.] Equals *Dicranotropis* Kb. [in part.] Equals *Delphax* Auct. [in part.] Equals *Liburnia* Scott. [in part.]
- 1873 Marschall, Nomenclator Zoologicus **1873**: 364. [Listed.]
- 1874 Lethierry, Cat. Hémipt. Dept. du Nord Second Ed. :257 (53). [Listed.]
- 1875 Fieber, Cicad. d'Europe Pt. 1: 373 (86). [Key.]
- 1875 Puton, Cat. Hémipt. d'Europe 2 Ed. :118. [Listed.]
- 1876 Fieber, Cicad. d'Europe Pt. 2: Pl. 7. [Illustrated.]
- Liburnia* 1876 Douglas and Scott, Cat. British Hemip.-Homop. :66. [Listed.] [nec Stål] [in part.]
- Euides* 1878 Fieber, Cicad. d'Europe Pt. 3: 298 (29). [Key to species.] Equals *Delphax* Auct. (in part.)
- 1880 Rieber and Puton, Bull. Soc. Hist. Nat. Colmar **21**: 55. [Listed.]
- 1882 Scudder, Nomenclator Zoologicus. Univ. Index :119. [Listed.]
- 1883 Berg, An. Soc. Cient. Argentina **16**: 236. [Listed.]
- 1884 Mayr, Tabellen :19. [Key.] Equals *Dicranotropis* Kb. [in part.]
- 1884 Berg, Add. Hemip. Argentina :142. [Listed.]
- 1885 Löw, Verh. Zool. Bot. Ges. Wien **35**: 357. [Comparative note.]
- 1886 Then, Kat. Österreichischen Cicad. :14. [Listed.]
- Euidella* 1886 Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :72. Nom. nov. for *Euides* Fieber.
- Liburnia* 1886 Edwards, Syn. British Homop.-Cicadina Pt. 1: 57; Pl. 1, Fig. 19. [Described, illustrated.] :55. [Key.] :58. [Key to species.] [nec Stål] [in part.]
- Euidella* 1888 Dubois, Mém. Soc. Linn. Nord. France **7**: 155 (59). [Listed.]
- Euides* 1889 Ashmead, Ent. Amer. **5**: 27. [Key.]
- Liburnia* 1890 Saunders and Edwards, Cat. British Hemiptera **1890**: 11. [Listed.] [nec Stål] [in part.]
- 1890 Buckton, Mon. British Cicadae **1**: 28. [Key.] :30. [Described.]
- Euidella* 1891 Fokker, Cat. Nederland Hemip. :366. [Listed.]
- 1892 Coubeaux, Ann. Soc. Ent. Belgique **36**: 34 (1). [Listed.]
- 1892 Duda, Cat. Ins. Faunae Bohemicae :28. [Listed.] Equals *Euides* Fieb.
- Euidella* [sic] 1893 Bezzi, Bull. Soc. Ent. Italiana **25**: 108 (28). [Listed.] Equals *Euides* [sic.]
- Euides* 1894 Edwards, Hemip.-Homop. British Islands Pt. 1: 31. To *Liburnia* [Stål] [error.]
- Liburnia* 1894 Edwards, Hemip.-Homop. British Islands Pt. 1: 31; Pl. 1, Fig. 19. [Described, illustrated.] :29. [Key.] 32. :[Key to species.] [nec Stål] [in part.]
- Euides* 1895 Wüstnei, Schr. Nat. Ver. Schleswig-Holsteins. **10**: 269. [Listed.]
- 1896 Melichar, Cicad. Mittel-Europa :66. [Described, key to species.] :50. [Key.]
- Liburnia* 1897 Van Duzee, Rev. North American Delphacidae :246. [Notes.] [nec Stål] [in part.]
- Euidella* 1897 Horváth, Fauna Regni Hungariae :56. [Listed.] Equals *Euides* Fieb.
- 1899 Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :107. [Listed.] Equals *Euides* Fieb.
- Euides* 1900 Strobl, Mitt. Natur. Ver. Steiermark **36**: 205. [Listed.]
- 1902 Cobelli, Cicadine Trentino :9. [Listed.]
- 1904 Kirkaldy, Entomologist **37**: 175. [Comparative note.] Equals *Eueides* [sic].
- Liburnia* 1904 Swezey, Prelim. Cat. Fulgoridae North America :37. [Listed.] [nec Stål] [in part.]
- Euidella* 1904 Hüeber, Syst. Verz. deutschen Zikadinen :269. [Listed.] Equals *Euides* Fieb.
- 1907 Oshanin, Verz. Palaeark. Hemip. **2** (2) :308. [Listed.] Equals *Euides* Fieb.
- 1908 Saunders and Edwards, Cat. British Hemiptera **1908**: 15. [Listed.]
- 1910 Lambertie, Misc. Ent. **18**: 92. [Listed.] Equals *Euides* Fieb.
- 1912 Schmidt, Stett. Ent. Zeit. **73**: 149. [Listed.]

- 1912 Oshanin, Kat. Paläark. Hemip. :118. [Listed.] Equals *Euides* Fieb.  
 1912 Waterhouse, Index Zool. II: 103. [Listed.]
- Euides* 1913 Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]
- Euidella* 1914 Crawford, Mon. Delphacidae :602. To *Megamelus* Fieb. [error.] Equals *Euides* Fieb.  
 1914 Van Duzee, Psyche 21: 165. [Distinct.]
- 1915 Muir, Canadian Ent. 47: 263. [Listed.] Equals *Euides* Fieb. :300. [Key.] :212. [Listed.]
- Euides* 1915 Jensen-Haarup, Flora och Fauna 1915: 99. [Described.] :98. [Key.]
- Eueides* [sic] 1915 Muir, Canadian Ent. 47: 263. To *Euidella* Put.
- Euides* 1915 Muir, Canadian Ent. 47: 263. To *Euidella* Puton.  
 1915 Jacobsen, Ent. Medd. 10: 319. [Listed.]
- Liburnia* 1916 Van Duzee, Check List Hemip. America :84. [Listed.] [nec Stål] [in part.]
- 1917 Van Duzee, Cat. Hemip. America :773. [List of North American species.]
- Euidella* 1920 Tullgren and Wahlgren, Svenska Insekter 1920: 151. [Key.] :152. [Listed.]
- Euides* 1920 Jensen-Haarup, Danmarks Fauna :33. [Described.] Equals *Euidella* Put. :30. [Key.]
- Liburnia* 1923 Metcalf, Jour. Elisha Mitchell Soc. 38: 171. [Key to Eastern North American species.] [nec Stål] [in part.]
- Euidella* 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 6. [Key.] :10. [Notes.] Equals *Euides* Fieb. :11. [Comparative note.]
- 1924 Lindberg, Acta Soc. Fauna Flora Fennica 56: 46. [Listed.] Equals *Euides* Fieb.  
 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 15. [Listed.] :17. [Comparative note.]
- 1926 Muir, Ann. Mag. Nat. Hist. (9) 17: 26. [Listed.]
- 1927 Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 143. [Listed.]
- 1928 Filippié, Guide to Insects :157. [Key.] :159. [Listed.]
- 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 211. [Key.] Equals *Euides* Fieb.  
 1929 Muir, Ann. Nat. Hist. (10) 4: 198. [Listed.]
- 1929 Schulze, Kükenthal and Heider, Nomenclator animalium 2 (10): 1233. [Listed.] Equals *Euides* Fieb.
- Euides* 1929 Schulze, Kükenthal and Heider, Nomenclator animalium 2 (10): 1233. [Listed.]
- Euidella* 1932 Lindberg, Not. Ent. 12: 36. [Notes.]
- 1935 Haupt, Tierwelt Mitteleuropas 4 (3) :131. [Key.] :137. [Key to species.]
- Euides* 1935 Matsumura, Ins. Matsumurana 10: 76, 77. [Comparative note.]
- Euidella* 1935 Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 6. [List of German species.]
- 1937 Kuntze, Arch. Nat. [n. f.] 6: 355. [Listed.] :331. [Ecology.]
- 1939 Neave, Nomenclator Zoologicus 2: 328. [Listed.] Equals *Euides* Fieber. Equals *Euidellas*. [sic.]
- Euides* 1939 Neave, Nomenclator Zoologicus 2: 328. [Listed.] To *Euidella* Put.

**altamazonica** Muir

- 1926 *Euidella altamazonica* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: Ecuador<sup>1</sup> 16; Pl. 2, Fig. 33. [n. sp., illustrated.]<sup>1</sup>  
*asiracoides* Forel. See *Euidella speciosa* Boheman.

**basilinea** Germar

- 1821 *Delphax basilinea* Germar, Mag. Ent. 4: 105. [n. sp.]<sup>1</sup> Turkey<sup>1</sup>  
 1830 *Delphax basilinea* Germar, Thon Ent. Archiv. 2: 57. [Described.]<sup>1</sup> Russia<sup>2</sup>  
 1835 *Delphax basilinea* Herrich-Schäffer, Nom. Ent. 1: 106. [Listed.] Europe<sup>3</sup>

*Euidella*

- 1850 *Delphax basilinea* Schaum, Allg. Encykl. Ersch und Gruber 51: 69. [Listed.]<sup>2</sup> Sweden<sup>4</sup>  
Austria<sup>5</sup>
- 1851 *Delphax basilinea* Walker, List Homop. British Mus. 2: 352. [Listed.]<sup>3</sup> Syria<sup>6</sup>  
Italy<sup>7</sup>
- 1859 *Delphax basilinea* Dohrn, Cat. Hemip. :61. [Listed.]<sup>4</sup> Germany<sup>8</sup>
- 1861 *Delphax basilinea* Flor, Rhynch. Livlands 2: 91. To *Araeopus crassicornis* Fabr. [error.] Crimea<sup>9</sup>  
France<sup>10</sup>
- 1866 *Euides basilinea* Fieber, Verh. Zool. Bot. Ges. Wien 16: 519, 532. [Listed.] Equals *Delphax basilinea* Germ. Great Britain<sup>11</sup>  
Romania<sup>12</sup>
- 1867 *Euides* [sic] *basilinea* Dallas, Zool. Rec. 3: 560. Equals *Delphax basilinea* Germ.
- 1870 [*Liburnia*] *basilinea* Scott, Ent. Monthly Mag. 7: 27. [Comparative note.] :75. [Listed.]<sup>11</sup>
- 1871 *Delphax basilinea* Sahlberg, Not. Fenn. (n. s.) 12: 404. [Valid species.]
- 1872 *Euides basilinea* Fieber, Kat. Europäischen Cicad. :5. [Listed.]<sup>1</sup>
- 1875 *Euides basilinea* Puton, Cat. Hémp. d'Europe 2 Ed. :118. [Listed.]<sup>2</sup>
- 1878 *Euides basilinea* Fieber, Cicad. d'Europe Pt. 3: 298 (29). [Described.]<sup>1</sup> Equals *Delphax basilinea* Germ.
- 1886 *Euides basilinea* Then, Kat. Österreichischen Cicad. 1886: 14. [Listed.]<sup>5</sup>
- 1886 *Euidella basilinea* Puton, Cat. Hémp. Faune Paléarctique 3 Ed. :72. [Listed.]<sup>2,6</sup>
- 1893 *Euidella* [sic] *basilinea* Bezzi, Bull. Soc. Ent. Italiana 25: 108 (28). [Listed.]<sup>7</sup>
- 1895 [*Euides*] *basilinea* Wüstnei, Schr. Nat. Ver. Schleswig-Holsteins, 10 :269. To *Euides speciosa* Boh. [error.]
- 1896 *Euides basilinea* Melichar, Cicad. Mittel-Europa :66; Pl. IV, Figs. 29, 30. [Described, illustrated, key.]<sup>5</sup> Equals *Delphax basilinea* Germ.
- 1899 *Euidella basilinea* Puton, Cat. Hémp. Faune Paléarctique 4 Ed. :107. [Listed.]<sup>2,6</sup>
- 1902 *Euides basilinea* Cobelli, Cicadine Trentino :9. [Listed.]<sup>7</sup>
- 1904 *Euidella basilinea* Hüeber, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>8</sup>
- 1907 *Euidella basilinea* Oshanin, Verz. Palaeark. Hemip. 2 (2) :308. [Listed.]<sup>5,9</sup> Equals *Delphax basilinea* Germ. Equals *Euides basilinea* Fieb.
- 1907 *Euidella basilinea* Lambertie, Proc. Verb. Soc. Linn Bordeaux 62: lxx (3). [Listed.]<sup>5,10,12</sup>
- 1909 *Euidella basilinea* Lambertie, Proc. Verb. Soc. Linn. Bordeaux 63: cxlvii. [Listed.]<sup>10</sup>
- 1910 *Euidella basilinea* Lambertie, Misc. Ent. 18: 92. [Listed.]<sup>10</sup>
- 1912 *Euidella basilinea* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>5,9</sup>
- 1913 *Euides basilinea* Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]<sup>6</sup>
- 1924 *Delphax basilinea* Sherborn, Index Animalium 4: 669. [Listed.]
- 1935 *Euidella basilinea* Haupt, Tierwelt Mitteleuropas 4 (3) :137. [Key.]<sup>5,9</sup>

*basilinea* Herrich-Schäffer [nec Germar.] See *Euidella speciosa* Boheman.

*blairmontensis* Muir

- 1926 *Euidella blairmontensis* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 16; Pl. 2, Fig. 32. [n. sp., illustrated.] :15. [Comparative note.]

*elegans* Muir

- 1926 *Euidella elegans* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 15. Ecuador<sup>1</sup>  
[n. sp.]<sup>1</sup>

*fucata* Berg

- 1883 *Euides fucata* Berg, An. Soc. Cient. Argentina 16: 236. [n. sp.]<sup>1</sup> Argentina<sup>1</sup>
- 1884 *Euides fucata* Berg, Add. Hemip. Argentina :142. [n. sp.]<sup>1</sup>
- 1914 *Megamelus fucatus* Crawford, Mon. Delphacidae :632. [Listed.]<sup>1</sup> Equals *Euides fucata* Berg.
- 1926 *Euidella fucata* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 37. [Listed.] Equals *Euides fucata* Berg.

**fuscovittata** Scott

- 1881 *Euides fuscovittata* Scott, Ent. Monthly Mag. **18**: 155. [n. sp.]<sup>1</sup> Argentina<sup>1</sup>  
 1883 *Euides fuscovittata* Berg, An. Soc. Cient. Argentina **16**: 236.  
 [Listed.]<sup>1</sup>  
 1884 *Euides fuscovittata* Berg, Add. Hemip. Argentina :142. [Notes.]<sup>1</sup>  
 1914 *Megamelus fusca-vittata* Crawford, Mon. Delphacidae :632. [Listed.]<sup>1</sup> Equals  
*Euides fuscovittata* Scott.  
 1926 *Euidella fuscovittata* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 37. [Listed.] Equals  
*Euides fuscovittata* Scott.

**gerhardi** Metcalf

- 1923 *Liburnia gerhardi* Metcalf, Jour. Elisha Mitchell Soc. **38**: 210; Illinois<sup>1</sup>  
 Pl. 62, Fig. 496; Pl. 70, Fig. 703. [n. sp., illustrated.]<sup>1</sup> :172. [Key.]  
 :150. [Listed.]

**grossa** Van Duzee

- 1933 *Euidella grossa* Van Duzee, Proc. California Acad. Sci. (4) **21**: 39. Costa Rica<sup>1</sup>  
 [n. sp.]<sup>1</sup>

**guadaue** Muir

- 1926 *Euidella guadaue* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 15; Ecuador<sup>1</sup>  
 Pl. 2, Figs. 30, 31. [n. sp., illustrated.]<sup>1</sup> :16. [Comparative note.]

**kashmirensis** Muir

- 1922 *Euidella kashmirensis* Muir, Rec. Indian Mus. **24**: 351; Fig. 2. India<sup>1</sup>  
 [n. sp., illustrated.]<sup>1</sup>

**magnistyla** Crawford

- 1914 *Megamelus magnistylus* Crawford, Mon. Delphacidae :627; Pl. 48, Mexico<sup>1</sup>  
 Fig. B. [n. sp., illustrated.]<sup>1,2</sup> :608. [Key.] Arizona<sup>2</sup>  
 1916 *Liburnia magnistylus* Van Duzee, Check List Hemip. America Southwestern  
 :84. [Listed.]<sup>3</sup> States<sup>3</sup>  
 1917 *Liburnia magnistyla* Van Duzee, Cat. Hemip. America :778. Georgia<sup>4</sup>  
 [Listed.]<sup>2</sup> Equals *Megamelus magnistyla* Crawf. Cuba<sup>5</sup>  
 1920 *Liburnia magnistyla* Spooner, Ent. News **31**: 46. [Ecology.]<sup>4</sup>  
 1923 *Liburnia magnistyla* Metcalf, Jour. Elisha Mitchell Soc. **38**: 172; Pl. 70, Fig. 700.  
 [Key, illustrated.]  
 1924 *Euidella magnistylus* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 10; Pl.  
 4, Figs. 54, 55. [Described, illustrated.]<sup>6</sup> Equals *Megamelus magnistylus* Crawf. :11.  
 [Comparative note.]  
 1926 *Euidella magnistylus* Dozier, Jour. New York Ent. Soc. **34**: 259. [Comparative note.]  
 1926 *Euidella magnistylus* Osborn, Ann. Ent. Soc. America **19**: 359. [Listed.]<sup>6</sup>  
 1926 *Euidella magnistylus* Osborn, Sci. Contr. Trop. Pl. Res. Found. **2**: 359. [Listed.]<sup>6</sup>

*obscura* Metcalf (var.). See *Euidella speciosa* var. *obscura* Metcalf.

**semifuscipennis** Muir

- 1926 *Euidella* (?) *semifuscipennis* Muir, Ann. Mag. Nat. Hist. (9) **17**: Cape Province<sup>1</sup>  
 26; Fig. 24. [n. sp., illustrated.]<sup>1</sup> Natal<sup>2</sup>  
 1929 *Euidella* (?) *semifuscipennis* Muir, Ann. Mag. Nat. Hist. (10) **4**:  
 198; Figs. 8, 9. [Notes, illustrated.]<sup>2</sup>

**speciosa** Boheman

- 1830 *Delphax basilinea* (nec Germar 1821) Germar, Thon. Ent. Archiv Turkey<sup>1</sup>  
 2: 57. [Described.]<sup>1</sup> England<sup>2</sup>



*Euidella*

- 1835 *Delphax basilinea* [nec Germar] Herrich-Schäffer, Nom. Ent. 1: 65. ]Key.] Germany<sup>3</sup>  
Sweden<sup>4</sup>
- 1836 *Delphax basilinea* [nec Germar] Herrich-Schäffer, Deutschlands Ins. 143: 22. [Described, illustrated.] Scandinavia<sup>5</sup>  
Batavia<sup>6</sup>
- 1845 *Delphax speciosa* Boheman, Öfv. Svenska Vet. Akad. Förh. 1845: 165. [n. sp.] Austria<sup>9</sup>  
Belgium<sup>10</sup>
- 1845 *Delphax speciosa* Boheman, Handl. Svenska Vet. Akad. 1845: 59. [Described.]<sup>4</sup> Czechoslovakia<sup>11</sup>  
British Isle<sup>12</sup>
- 1847 *Delphax speciosa* Boheman, Handl. Svenska Vet. Akad. 1847: 67. [Comparative note.] Finland<sup>13</sup>  
Hungary<sup>14</sup>
- 1850 *Delphax speciosa* Schaum, Allg. Encykl. Ersch und Gruber 51: 69. [Listed.]<sup>4</sup> Romania<sup>15</sup>  
Russia<sup>16</sup>
- 1851 *Delphax speciosa* Walker, List Homop. British Mus. 2: 356. [Listed.]<sup>4</sup> Estonia<sup>17</sup>  
Turkestan<sup>18</sup>
- 1854 *Delphax basilinea* [nec Germar.] Stål, Öfv. Svenska Vet. Akad. Förh. 11: 191. [Described.]<sup>4</sup> Equals *Delphax speciosa* Boh. Europe<sup>19</sup>
- 1858 *Delphax asiracoides* Forel, Bull. Soc. Vaudoise Sci. Nat. 5: 251; Pl. 1, Fig. A, 1-4. [n. sp. illustrated.]<sup>8</sup> Netherlands<sup>20</sup>  
Denmark<sup>21</sup>
- 1861 *Delphax basilinea* [sic] [nec Germar] Flor, Rhynch. Livlands 2: 83. [Described.]<sup>1,4,8</sup> Equals *Delphax speciosa* Boh. :33. [Key.] North Europe<sup>22</sup>  
Europe<sup>23</sup>
- 1866 *Euides speciosa* Fieber, Verh. Zool. Bot. Ges. Wien 16: 519, 532; Pl. VIII, Fig. 7. [Listed, illustrated.] Poland<sup>24</sup>
- 1867 *Euides* [sic] *speciosa* Dallas, Zool. Rec. 3: 560. Equals *Delphax speciosa* Boh.
- 1868 *Dicranotropis basilinea* [nec Germar] Kirschbaum, Cicad. Wiesbaden :40. [Key.] Equals *Dicranotropis speciosa* Boh.
- 1870 *Liburnia speciosa* Scott, Ent. Monthly Mag. 7: 27. [Key.] :75. [Listed.]<sup>12</sup>
- 1871 *Euides speciosa* Sahlberg, Not. Fennica (n. s.) 9 (12) :403. [Described.]<sup>5</sup> Equals *Delphax speciosa* Boh. Equals *Delphax basilinea* H.-S. [nec Germ.] :56. [Listed.]<sup>4,13</sup>  
:489. [Described.] :39. [Ecology.]
- 1872 *Euides speciosa* Fieber, Kat. Europäischen Cicad. :5. [Listed.]<sup>3,4,8</sup> Equals *Euides basilinea* Kirschb. [nec Germ.]
- 1872 *Euides speciosa* Fieber, Verh. Zool. Pot. Ges. Wien 22: 29. Equals *Dicranotropis basilinea* Kirschb. [nec Germ.]
- 1875 *Liburnia speciosa* Scott, Ent. Monthly Mag. 12: 93. [Comparative note.]
- 1874 *Euides speciosa* Lethierry, Cat. Hémip. Dept. du Nord Second Ed. :257 (53). [Listed.]<sup>7</sup>
- 1875 *Euides speciosa* Reuter, Öfv. Svenska Vet. Akad. Förh. 32: 57. [Described.]
- 1875 *Euides speciosa* Reuter, Ann. Soc. Ent. France (5) 5: 233, 234, 235. [Polymorphism.]
- 1875 *Euides speciosa* Puton, Cat. Hémip. d'Europe 2 Ed. :118. [Listed.]<sup>3,5,7,12</sup> Equals *Euides basilinea* Kirschb. [nec Germ.]
- 1876 *Liburnia speciosa* Douglas and Scott, Cat. British Hemip. :68. [Listed.]<sup>12</sup> Equals *Delphax speciosa* Boh. Equals *Euides speciosa* Fieb. Equals *Dicranotropis basilinea* Kirschb. [nec Germ.]
- 1878 *Euides speciosa* Fieber, Cicad. d'Europe Pt. 3: 301 (32). [Described.]<sup>3,4,8,9</sup> Equals *Delphax speciosa* Boh. Equals *Delphax basilinea* H.-S. [nec Germ.] Equals *Dicranotropis speciosa* Kirschb.
- 1878 *Euides speciosa* Reiber, Bull. Soc. Hist. Nat. Colmar 18: 67. [Listed.]<sup>7</sup>
- 1880 *Euides speciosa* Reuter, Medd. Soc. Fauna Fl. Fennica 5: 197. [Listed.]<sup>13</sup>
- 1880 *Euides speciosa* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 55. [Listed.]<sup>7</sup>
- 1884 *Euides speciosa* Mayr, Tabellen :19. [Listed.]<sup>3,8,9,7</sup>
- 1886 *Euides speciosa* Then, Kat. Österreichischen Cicad. 1886: 14. [Listed.]<sup>9</sup>
- 1886 *Euidella speciosa* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :72. [Listed.]<sup>3,5,7,12</sup> Equals *Euidella basilinea* Kirschb. [nec Germ.]
- 1886 *Liburnia speciosa* Capron, Ent. Monthly Mag. 22: 264. [Listed.]<sup>2</sup>
- 1888 *Euidella speciosa* Dubois, Mém. Soc. Linn. Nord. France 7: 155 (59). [Listed.]<sup>7</sup>
- 1886 *Liburnia speciosa* Edwards, Syn. British Homop.-Cicadina Pt. 1: 88. [Described.]<sup>12</sup> Equals *Delphax speciosa* Boh. Equals *Euides speciosa* Fieb. Equals *Delphax basilinea*

- Flor. [nec Germ.] Equals *Dicranotropis basilinea* Kirschb. [nec Germ.] :61. [Key.]
- 1890 *Liburnia speciosa* Buckton, Mon. British Cicadae 2: 52; Pl. XV. Fig. 8. [Described, illustrated.]<sup>12</sup> Equals *Delphax speciosa* Boh. Equals *Euides speciosa* Fieb. Equals *Delphax basilinea* Flor. [nec Germ.] Equals *Dicranotropis basilinea* Kirsch. [nec Germ.]
- 1890 *Liburnia speciosa* Saunders and Edwards, Cat. British Hemiptera 1890: 12.. [Listed.]<sup>12</sup>
- 1891 *Euidella speciosa* Fokker, Cat. Nederland Hemip. :366. [Listed.]<sup>20</sup>
- 1892 *Euidella speciosa* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>10</sup>
- 1892 *Euidella speciosa* Duda, Cat. Ins. Faunae Bohemicae :28. [Listed.]<sup>11</sup> Equals *Euidella basilinea* Kirschb. [nec Germ.]
- 1894 *Liburnia speciosa* Edwards, Hemip.-Homop. British Islands Pt. 3: 68. [Described.]<sup>12</sup>
- 1894 *Liburnia speciosa* Edwards, Hemip.-Homop. British Islands Pt. 2: Pl. 8; Fig. 2c. [Illustrated.] :37. [Key.]
- 1895 *Euides speciosa* Wüstnei, Schr. Nat. Ver. Schleswig-Holsteins. 10: 269. [Listed.]<sup>3</sup> Equals [*Euides*] *basilinea* Germ.
- 1896 *Delphax basilinea* Melichar, Cicad. Mittel-Europa :53. To *Delphax crassicornis* Fabr. [error.]
- 1896 *Euides speciosa* Melichar, Cicad. Mittel-Europa :66; Pl. IV, Figs. 26-28. [Described, illustrated, key.]<sup>3,9</sup> Equals *Delphax speciosa* Boh. Equals *Dicranotropis speciosa* Kirschb. Equals *Liburnia speciosa* Edw.
- 1897 *Euidella speciosa* Horváth, Fauna Regni Hungariae :56 [Listed.]<sup>14</sup>
- 1899 *Euidella speciosa* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :107. [Listed.]<sup>3,5,6,7,9,12,13</sup> Equals *Euidella asiracoides* Forel. Equals *Euidella basilinea* Kirschb. [nec Germ.]
- 1900 *Euides speciosa* Strobl, Mitt. Natur. Ver. Steiermark 36: 205. [Listed.]<sup>9</sup>
- 1904 *Euidella speciosa* Hüeber, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>3</sup> Equals *Euidella basilinea* Kirschb. [nec Germ.] Equals *Euidella asiracoides* Forel.
- 1906 *Euidella speciosa* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 1 (9) :284. [Polymorphism.]
- 1907 *Euidella speciosa* Oshanin, Verz. Palaeark. Hemip. 2 (2) :309. [Listed.]<sup>3,4,7,8,9,12,13,-14,15,16,17,18</sup> Equals *Delphax basilinea* H.-S. [nec Germ.] Equals *Delphax speciosa* Boh. Equals *Euides speciosa* Fieb. Equals *Liburnia speciosa* Scott. Equals *Dicranotropis basilinea* Kirschb. [nec Germ.] Equals *Delphax asiracoides* Forel.
- 1908 *Euidella speciosa* Saunders and Edwards, Cat. British Hemiptera 1908:15. [Listed.]<sup>12</sup>
- 1908 *Euidella speciosa* Oshanin, Verz. Palaeark. Hemip. 2 (3) :452. [Listed.]<sup>6,10</sup>
- 1912 *Euidella speciosa* Schmidt, Stett. Ent. Zeit. 73: 149. [Notes.]<sup>3</sup>
- 1912 *Euidella speciosa* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>18,19</sup> Equals *Euidella basilinea* H.-S. [nec Germ.] Equals *Euidella asiracoides* Forel.
- 1914 *Euidella speciosa* Fryer and Fryer, Ent. Monthly Mag. 50: 9. [Described.]<sup>2</sup>
- 1915 *Euidella speciosa* Muir, Canadian Ent. 47: 300. [Listed.]
- 1915 *Euides speciosa* Jensen-Haarup, Flora och Fauna 1915: 99. [Described.]<sup>21</sup> :36; Figs. 1A-B. [Illustrated.]
- 1915 *Euides speciosa* Jacobsen, Ent. Medd. 10: 319. [Listed.]<sup>21</sup>
- 1920 *Euidella speciosa* Tullgren and Wahlgren, Svenska Insekter 1920: 152. [Notes.]<sup>4</sup>
- 1920 *Euides speciosa* Jensen-Haarup, Danmarks Fauna :33; Figs. 6, 15 [Described, illustrated.]<sup>18,19,21,22</sup>
- 1922 *Euidella speciosa* Muir, Rec. Indian Mus. 24: 352. [Comparative note.]<sup>23</sup>
- 1922 *Euides speciosa* MacGillavry, Ent. Berichten 6: 68. [Listed.]<sup>20</sup>
- 1924 *Euidella speciosa* Lindberg, Acta Soc. Fauna Flora Fennica 56: 46. [Listed.]<sup>13</sup>
- 1924 *Euidella speciosa* Lindberg, Not. Ent. 4: 44. [Listed.]<sup>4</sup>
- 1925 *Euides speciosa* MacGillavry, Ent. Berichten 6: 343. [Notes.]<sup>20</sup> Equals *Euidella speciosa* Boh.
- 1927 *Euidella speciosa* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 143. [Listed.]<sup>7</sup>
- 1928 *Euidella speciosa* Filipieff, Guide to Insects :159. [Described.]
- 1928 *Euidella speciosa* Ivanov, Mém. Acad. Sci. Ukraine 6: 197. [Listed.]<sup>16</sup>

*Euidella*—*Epunka*

- 1928 *Euidella speciosa* Ivanov, Trav. Mus. Zool. 1928: 501. [Listed.]<sup>16</sup>  
 1928 *Euides speciosa* Natwig, Foranst. Zool. Mus. Oslo 1: 198; Fig. 158. [Illustrated.]  
 1929 *Euidella speciosa* Kusnezov, Zool. Anz. 79: 329. [Listed.]<sup>18</sup>  
 1930 *Delphax speciosa* Sherborn, Index Animalium 24: 6046. [Listed.]  
 1932 *Euidella speciosa* Lindberg, Not. Ent. 12: 36; Fig. 4. [Illustrated.]  
 1935 *Euidella speciosa* Wagner, Verh. Ver. Heimatforschung. 24: 6. [Listed.]<sup>3</sup>  
 1935 *Euidella speciosa* Haupt, Tierwelt Mitteleuropas 4 (3): 137; Fig. 227. [Key, illustrated.]<sup>18,19,22</sup>  
 1936 *Euidella speciosa* Nast, Fragm. Faun. Mus. Zool. Polonici 2: 490 (8). [Listed.]<sup>24</sup>  
 1937 *Euidella speciosa* Kuntze, Arch. Nat. (n. f.) 6: 333, 355. [Ecology.]<sup>3</sup>

*speciosa* var. *obscura* nom. nov. for *Euides speciosa* var. *d* Sahlberg

- 1871 *Euides speciosa* var. *d* Sahlberg, Not. Fennica (n. s.) 9 (12): 404. Finland<sup>1</sup>  
 [n. var.]<sup>1</sup>

*triloba* Metcalf

- 1923 *Liburnia triloba* Metcalf, Jour. Elisha Mitchell Soc. 38: 208; Pl. 70 Louisiana<sup>1</sup>  
 Fig. 702 [n. sp., illustrated.]<sup>1,2</sup> :172. [Key.] :150. [Listed.] Florida<sup>2</sup>

*vanduzeei* Muir and Giffard

- 1924 *Euidella vanduzeei* Muir and Giffard, Bull. Hawaiian Sugar Pl. Florida<sup>1</sup>  
 Assoc. 15: 11; Pl. 4, Figs. 64, 65. [n. sp., illustrated.]<sup>1</sup> Mississippi<sup>2</sup>  
 1926 *Euidella vanduzeei* Dozier, Jour. New York Ent. Soc. 34: 259; Fig. Louisiana<sup>3</sup>  
 1 [Described, illustrated.]<sup>2,3</sup>

*velitchkovskyi* Melichar

- 1913 *Euidella velitchkovskyi* Melichar, Faune Walouyki Russie 7: 6. Russia<sup>1</sup>  
 [Listed.]<sup>1</sup> :10. [n. sp.]<sup>1</sup>

*weedi* Van Duzee

- 1897 *Liburnia weedi* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 252. Mississippi<sup>1</sup>  
 [n. sp.]<sup>1</sup> :227. [Listed.] Florida<sup>2</sup>  
 1904 *Liburnia weedi* Swezey, Prelim. Cat. Fulgoridae North America Southern States<sup>3</sup>  
 1904: 40. [Listed.]<sup>1</sup> Georgia<sup>4</sup>  
 1909 *Liburnia weedi* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 9: 202. Cuba<sup>5</sup>  
 [Notes.]<sup>2</sup> Mexico<sup>6</sup>  
 1914 *Liburnia weedi* Barber, Bull. American Mus. Nat. Hist. 33: 529.  
 [Listed.]<sup>2</sup>  
 1916 *Liburnia weedi* Van Duzee, Check List Hemip. America: 84. [Listed.]<sup>3</sup>  
 1917 *Liburnia weedi* Van Duzee, Cat. Hemip. America :774. [Listed.]<sup>1,2,4</sup>  
 1921 *Liburnia weedi* Osborn, Florida Ent. 5: 18. [Listed.]<sup>2</sup>  
 1923 *Liburnia weedi* Metcalf, Jour. Elisha Mitchell Soc. 38: 173. [Key.]  
 1924 *Euidella weedi* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 10; Pl. 4,  
 Figs. 56, 57, 58. [Described, illustrated.]<sup>1</sup> Equals *Liburnia weedi* Van Duz. :11.  
 [Listed.]<sup>6</sup>  
 1926 *Euidella weedi* Dozier, Jour. New York Ent. Soc. 34: 259, 261. [Comparative note.]  
 1928 *Euidella weedi* Myers, Studies on Cuban Insects 1: 22. [Listed.]<sup>5</sup>

Genus **EPUNKA** Matsumura

Orthotype *Epunka bilineata* [n. sp.] 1935 Matsumura, Ins. Matsumurana 10: 77.

- Epunka 1935 Matsumura, Ins. Matsumurana 10: 77. [gen. n.]  
 1939 Neave, Nomenclator Zoologicus 2: 275. [Listed.]

**bilineata** Matsumura

1935 *Epunka bilineata* Matsumura, Ins. Matsumurana 10: 77. [n. sp.]<sup>1</sup> Hokkaido<sup>1</sup>  
(Japan)

Genus **EMBOLOPHORA** Stål

Haplotype *Embolophora monoceros* 1855 Stål, Öfv. Svenska Vet. Akad. Förh. 12: 92.

Type *Embolophora* [sic] *monoceros* 1912 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 10: 505.

Type *Embolophora monoceros* 1914 Van Duzee, Psyche 21: 166.

Type *Embolophora monoceros* 1915 Muir, Canadian Ent. 47: 263.

Type *Embolophora monoceros* 1917 Muir, Proc. Hawaiian Ent. Soc. 3: 333.

Haplotype *Embolophora monoceros* 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 18.

Haplotype *Embolophora monoceros* 1939 China, Ann. Mag. Nat. Hist. (11) 4: 584.

- Embolophora* [sic] 1853 Stål, Öfv. Svenska Vet. Akad. Förh. 10: 265. [gen. n.]  
Embolophora 1855 Stål. Öfv. Svenska Vet. Akad. Förh. 12: 92. [Listed.]  
1858 Walker, Add. List Homop. British Mus. 1858: 323. [Listed.]  
1859 Dohrn, Cat. Hemip. :61. [Listed.]  
1866 Stål, Hemip. Africana 4: 179. To *Liburnia* Stål [error.]  
1873 Marschall, Nomenclator Zoologicus 1873: 363. [Listed.]  
1879 Berg, Ann. Soc. Cient Argentina 8: 188. To *Liburnia* Stål [error.]  
1879 Berg, Hemip. Argentina :223. To *Liburnia* Stål [error.]  
1882 Scudder, Nomenclator Zoologicus. Univ. Index :110. [Listed.]  
1901 Kirkaldy, Entomologist 34: 6. Equals *Liburnia* Stål [error.]  
*Embolophora* [sic] 1901 Kirkaldy, Entomologist 34: 338. 340. [Listed.] Equals *Delphax* Auct. [error.] Equals *Liburnia* Stål [error.]  
1902 Kirkaldy, Entomologist 35: 167. [Synonymy.]  
Embolophora 1904 Kirkaldy, Entomologist 37: 281. [Listed.]  
1904 Swezey, Prelim. Cat. Fulgoridae North America 1904: 37. To *Liburnia* Stål [error.]  
*Embolophora* [sic] 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 150. Equals *Liburnia* [error.]  
1909 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 9: 201. [Taxonomy.]  
1912 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 10: 505. [Synonymy.]  
Embolophora 1914 Crawford, Proc. United States Nat. Mus. 46: 604. Equals *Liburnia* Stål [error.]  
1915 Muir, Canadian Ent. 47: 212, 263. [Listed.] :300. [Key.]  
1915 Bergroth, Canadian Ent. 47: 216. [Distinct.]  
1916 Muir, Proc. Hawaiian Ent. Soc. 3: 202. [Notes.]  
1916 Van Duzee, Check List Hemip. America :84. To *Liburnia* Stål [error.]  
1917 Muir, Proc. Hawaiian Ent. Soc. 3: 333. [Listed.]  
1920 Muir, Proc. Linn. Soc. New South Wales 45: 182. [Listed.]  
1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 12. [Listed.] :18, 19. [Synonymy.]  
1925 Hesse, Ann. South African Mus. 23: 169. To *Liburnia* Stål [error.]  
1926 Muir, Ann. Mag. Nat. Hist. (9) 17: 23. [Listed.]



*Embolophora*—*Peregrinus*

- 1929 Muir, Ann. Mag. Nat. Hist. (10) 4: 187. [Morphology.] :192. [Listed.]
- Embolophora* [sic] 1929 Schulze, Kükenthal and Heider, Nomenclator animalium 2 (10) :1128. [Listed.]
- Embolophora* 1929 Schulze, Kükenthal and Heider, Nomenclator animalium 2 (10) : 1128. [Listed.] Equals *Embolophora* [sic] Stål.
- 1934 Muir, Ann. Mag. Nat. Hist. (10) 14: 577. [Comparative note.]
- 1939 China, Ann. Mag. Nat. Hist. (11) 4: 583. [Nomenclature.] :584. [Listed.] Equals *Liburnia* Stål [error.]
- 1939 Neave, Nomenclator Zoologicus 2: 220. [Listed.]
- Embolophora* [sic] 1939 Neave, Nomenclator Zoologicus 2: 220. [Listed.]

## monoceros Stål

- 1855 *Embolophora monoceros* Stål, Öfv. Svenska Vet. Akad. Förh. 12: Natal<sup>1</sup>  
92. [n. sp.]<sup>1</sup> Cape Province<sup>2</sup>
- 1858 *Embolophora monoceros* Walker, Add. List Homop. British Mus. South Africa<sup>3</sup>  
1858: 323. [Listed.]<sup>1</sup> Sudan<sup>4</sup>
- 1859 *Embolophora monoceros* [sic] Dohrn, Cat. Hemip. :61. [Listed.]<sup>3</sup>
- 1866 *Liburnia monoceros* Stål, Hemip. Africana 4: 179. [Described.]<sup>1,2</sup> Equals *Embolophora monoceros* Stål.
- 1879 *Liburnia monoceros* Berg, An. Soc. Cient. Argentina 8: 190. [Comparative note.]<sup>3</sup>
- 1915 *Embolophora monoceros* Bergroth, Canadian Ent. 47: 216. [Note.]
- 1917 *Embolophora monoceros* Muir, Proc. Hawaiian Ent. Soc. 3: 333. [Listed.]
- 1926 *Embolophora monoceros* Muir, Ann. Mag. Nat. Hist. (9) 17: 23; Fig. 16. [Notes, illustrated.]<sup>1,3</sup>
- 1929 *Embolophora monoceros* Muir, Ann. Mag. Nat. Hist. (10) 4: 186. [Notes.]<sup>3,4</sup> :192. [Listed.]<sup>1,2,4</sup>
- 1939 *Embolophora monoceros* China, Ann. Mag. Nat. Hist. (11) 4: 584. [Listed.]<sup>3</sup>

*monoceros*. Typographical error for *Embolophora monoceros* Stål.

*obscurella* Boheman. See *Delphacodes obscurella* Boheman.

*pallens* Stål. See *Delphacodes pallens* Stål.

*pellucida* Fabricius. See *Delphacodes pellucida* Fabricius.

## Genus PEREGRINUS Kirkaldy

Orthotype *Delphax maidis* 1904 Kirkaldy, Entomologist 37: 176.

Type *Perigrinus* [sic] *maidis* 1915 Muir, Canadian Ent. 47: 266.

Orthotype *Peregrinus maidis* 1916 Van Duzee, Check List Hemip. America :83.

Orthotype *Peregrinus maidis* 1917 Van Duzee, Cat. Hemip. America :769.

Type *Delphax maidis* 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 11.

Type *Peregrinus maidis* 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 240.

- Peregrinus* 1904 Kirkaldy, Entomologist 37: 175. [gen. n.]
- 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 1 (9): 407. [Listed.] Equals *Dicranotropis* Van Duz. [nec Fieb.] :408, 411. [Comparative note.]
- 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 132. [Notes.] Equals *Pundaluoya* Dist. (in part.) :127. [Key.] :135. [Comparative note.]
- 1908 Kirkaldy, Proc. Hawaiian Ent. Soc. 1: 201. [Key.]
- 1910 Kirkaldy, Fauna Hawaiiensis Suppl. :577. [Listed, key.]
- 1912 Waterhouse, Index Zool. II: 223. [Listed.]

- 1914 Crawford, Mon. Delphacidae. :593. To *Dicranotropis* Fieb. [error.]  
 1914 Van Duzee, Psyche 21: 165. [Distinct.]  
*Perigrinus* [sic] 1915 Muir, Canadian Ent. 47: 212, 266. [Listed.]  
*Peregrinus* 1915 Muir, Canadian Ent. 47: 299. [Key.]  
 1916 Muir, Philippine Jour. Sci. 11: 384. [Listed.]  
 1916 Van Duzee, Check List Hemip. America :83. [Listed.]  
 1916 Distant, Fauna British India 6: 134. To *Pundaluoya* Kirk. [error.]  
 1917 Van Duzee, Cat. Hemip. America :769. [Listed.]  
 1919 Muir, Philippine Jour. Sci. 15: 529. [Listed.]  
 1919 Muir, Canadian Ent. 51: 7. [Comparative note.]  
 1922 Giffard, Proc. Hawaiian Ent. Soc. 5: 109, 116. [Listed.]  
 1923 Lefroy, Manual of Ent. :260. [Listed.]  
 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 11. [Notes.]  
 :6. [Key.]  
 1926 Muir, Ann. Mag. Nat. Hist. (9) 17: 30. [Listed.]  
 1926 Muir, Jour. Malayan Branch Roy. Asiatic Soc. 4: 399. [Listed.]  
 1926 Gowdey, Bull. Dept. Agr. Jamaica Ent. 4: 40. [Listed.]  
 1927 Muir, Fulgoroidea of Samoa. :10. [Listed.]  
 1928 Ogilvie, Insects of Bermuda 1928: 20. [Listed.]  
 1929 Muir, Ann. Mag. Nat. Hist. (10) 4: 198. [Listed.]  
 1934 Schulze, Kükenthal and Heider, Nomenclator animalium 4 (19):  
 2579. [Listed.]  
 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 234. [Key.] :240.  
 [Listed.]  
 1938 Brimley, Insects of North Carolina 1938: 102. [Listed.]  
 1938 Osborn, Bull. Ohio Biol. Surv. 6: 346. [Listed.]  
 1940 Neave, Nomenclator Zoologicus 3: 658. [Listed.]

*cubanus* Crawford. See *Liburnia cubana* Crawford.

*lunulifera* Typographical error for *Peregrinus lunulifer* Melichar. See *Dicranotropis lunulifer* Melichar.

*lunulifer* Melichar. See *Dicranotropis lunulifer* Melichar.

### maidis Ashmead

- |      |                                                                                                                                                                                                                    |                                                                             |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| 1890 | <i>Delphax maidis</i> Ashmead, Psyche 5: 323; Figs. A-G. [n. sp., illustrated.] <sup>1</sup>                                                                                                                       | Florida <sup>1</sup><br>Ceylon <sup>2</sup>                                 |
| 1893 | <i>Delphax maidis</i> Cockerell, Spec. Publ. Inst. Jamaica 3: 108. [Economics.] <sup>10</sup>                                                                                                                      | Texas <sup>3</sup><br>Hawaii <sup>4</sup>                                   |
| 1894 | <i>Delphax psylloides</i> Lethierry, Indian Mus. Notes 3: 105; Figs. A-K. [n. sp., illustrated.] <sup>2</sup>                                                                                                      | (Hawaiian Islands)                                                          |
| 1897 | <i>Dicranotropis maidis</i> Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 240. [Described.] <sup>1,3</sup> Equals <i>Delphax maidis</i> Ashm. :227. [Listed.]                                                         | Queensland <sup>5</sup><br>Fiji <sup>6</sup>                                |
| 1898 | <i>Delphax maidis</i> Quaintance, Bull. Florida Agr. Exp. Sta. 45: 61-67; Pl. 2. [Economics, illustrated.]                                                                                                         | Java <sup>7</sup><br>West Indies <sup>8</sup>                               |
| 1903 | <i>Liburnia psylloides</i> Melichar, Homop.-Fauna Ceylon :101; Pl. II, Fig. 22. [Described, illustrated.] <sup>2</sup> Equals <i>Delphax psylloides</i> Leth. :225. [Listed.] <sup>2</sup>                         | Australia <sup>9</sup><br>Jamaica <sup>10</sup><br>Costa Rica <sup>11</sup> |
| 1903 | <i>Delphax maidis</i> Ball, Canadian Ent. 35: 231. [Comparative note.]                                                                                                                                             | North America <sup>12</sup>                                                 |
| 1904 | <i>Dicranotropis maidis</i> Van Dine, Bull. Hawaii Agr. Exp. Sta. 5: 7. [Economics.]                                                                                                                               | India <sup>13</sup><br>New South                                            |
| 1904 | <i>Delphax maidis</i> Van Dine, Bull. Hawaii Agr. Exp. Sta. 5: 17. [Listed.] <sup>1</sup>                                                                                                                          | Wales <sup>14</sup><br>South Carolina <sup>15</sup>                         |
| 1904 | <i>Liburnia psylloides</i> Busse, Arb. Biol. Land Forst. Ges. 4: 355. [Listed.]                                                                                                                                    | Cuba <sup>16</sup><br>Alabama <sup>17</sup>                                 |
| 1904 | <i>Peregrinus maidis</i> Kirkaldy, Entomologist 37: 176. [Food plants, notes.] <sup>1,3,4,58,59</sup> Equals <i>Delphax maidis</i> Ashm. Equals <i>Dicranotropis maidis</i> Van Duz. :175. [Listed.] <sup>68</sup> | Mexico <sup>18</sup><br>Nicaragua <sup>19</sup><br>Brazil <sup>20</sup>     |

*Peregrinus*

- 1904 *Dicranotropis maidis* Osborn, Proc. Soc. Prom. Agr. Sci. 25: 32. [Economics.]<sup>1</sup> North Carolina<sup>21</sup>  
Southern States<sup>22</sup>
- 1904 *Dicranotropis maidis* Swezey, Prelim. Cat. Fulgoridae North America 1904: 35. [Listed.]<sup>1,3</sup> Equals *Delphax maidis* Ashm. Nigeria<sup>23</sup>  
Seychelles
- 1904 *Peregrinus maidis* Kirkaldy, Hawaiian For. Agr. 1: 184. [Economics.]<sup>55</sup> Islands<sup>24</sup>  
(Indian Ocean)
- 1905 *Delphax maidis* Forbes, Rept. State Ent. Illinois 23: 120; Fig. 109. [Economics, illustrated.]<sup>61</sup> Luzon<sup>25</sup>  
(Philippine  
Islands)
- 1906 *Pundaluoya simplicia* Distant, Fauna British India 3: 468; Fig. 255. [n. sp., illustrated.]<sup>2</sup> Philippine  
Islands<sup>26</sup>
- 1906 *Liburnia psylloides* Distant, Fauna British India 3: 484. [Described.]<sup>2</sup> Equals *Delphax psylloides* Leth. Formosa<sup>27</sup>  
Malay  
Peninsula<sup>28</sup>
- 1906 *Peregrinus maidis* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 1 (9): 407. [Notes, food plants.]<sup>1,3,4,5,6</sup> Equals *Delphax maidis* Ashm. Amboyna<sup>29</sup>  
[Polymorphism.] :284. [Listed.] :408. [Comparative note.] (Malaysia)
- 1906 *Delphax psylloides* Lefroy, Indian Insect Pests :137; Fig. 155. West Africa<sup>30</sup>  
Borneo<sup>31</sup>
- 1906 *Peregrinus maidis* Perkins, Proc. Hawaiian Ent. Soc. 1:10. Puerto Rico<sup>32</sup>  
[Note.] Southern India<sup>33</sup>
- 1907 *Peregrinus maidis* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 132; Pl. 10, Fig. 14; Pl. 13, Figs. 7, 8. [Listed, illustrated.]<sup>2,5,7,8</sup> Natal<sup>34</sup>  
Polynesia<sup>35</sup>
- 1907 *Peregrinus maidis* Kirkaldy, Ann. Soc. Ent. Belgique 51: 125 (5). [Economics.]<sup>2,4,6,7,8,9,12,13</sup> Equals *Delphax psylloides* Leth. Haiti<sup>36</sup>  
Barbados<sup>37</sup>
- 1907 *Pundaluoya simplicia* Dist. :301. [Notes.]<sup>1,2,4,6,7,9,10,37</sup> Equals Oriental  
*Pundaluoya simplicia* Dist. Equals *Delphax psylloides* Leth. Region<sup>38</sup>  
Equals *Liburnia psylloides* Leth. :123 (3), 124 (4). [Listed.] Central  
America<sup>39</sup>
- 1907 *Peregrinus maidis* Kirkaldy, Science (n. s.) 26: 216. [Note.]<sup>1,2,4,6,7,9,22</sup> South America<sup>40</sup>  
Equals *Pundaluoya simplicia* Dist.
- 1907 *Peregrinus maidis* Kirkaldy, Entomologist 40: 283. [Economics.] East Africa<sup>41</sup>  
Equals *Pundaluoya simplicia* Dist. Equals *Liburnia psylloides* Dist. :283. [Food plants.]<sup>13</sup> Rodrigues  
Island<sup>42</sup>
- 1907 *Peregrinus maidis* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 8: 43. (Indian Ocean)  
[Notes.]<sup>1,5,10,55</sup> Mentawai
- 1907 *Peregrinus maidis* Distant, Ann. Soc. Ent. Belgique 51: 221 (2). [Notes.] Equals *Pundaluoya simplicia* Dist. (?). Equals *Delphax psylloides* Leth. (?). Equals *Liburnia psylloides* Mel. Islands<sup>43</sup>  
(East Indies)
- 1907 *Liburnia psylloides* Lefroy, Mem. Dept. Agr. India Ent. Ser. 1: 239; Figs. 81A-K. [Economics, illustrated.]<sup>2</sup> Equals *Delphax psylloides* Leth. South Africa<sup>44</sup>  
Samoa<sup>45</sup>  
Tahiti<sup>46</sup>
- 1908 *Peregrinus maidis* Kirkaldy, Proc. Hawaiian Ent. Soc. 1: 205. [Listed.]<sup>55</sup> (Low  
Archipelago)
- 1909 *Peregrinus maidis* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 9: 197. [Listed.]<sup>1</sup> Cape Province<sup>47</sup>  
Sierra Leone<sup>48</sup>  
Gold Coast<sup>49</sup>
- 1909 *Liburnia psylloides* Lefroy and Howlett, Indian Insect Life :728; Figs. 503A-K. [Notes, illustrated.]<sup>2</sup> Equals *Delphax psylloides* Leth. Bermuda<sup>50</sup>  
Washington,  
D. C.<sup>51</sup>
- 1910 *Peregrinus maidis* Kirkaldy, Fauna Hawaiiensis Suppl. :577. [Listed.]<sup>1,2,3,5,6,7,8,14,55</sup> Equals *Delphax maidis* Ashm. Equals *Delphax psylloides* Leth. Equals *Pundaluoya simplicia* Dist. Equals *Liburnia psylloides* Dist. Tennessee<sup>52</sup>  
Ohio<sup>53</sup>  
Trinidad<sup>54</sup>  
Hawaiian  
Islands<sup>55</sup>
- 1911 *Dicranotropis maidis* Van Dine, Bull. United States Dept. Agr. Div. Ent. (n.s.) 93:34. [Listed.]<sup>4</sup> Tanganyika<sup>56</sup>
- 1912 *Pundaluoya simplicia* Distant, Ann. Mag. Nat. Hist. (8) 9: 191. [Comparative note.] Guam<sup>57</sup>  
Oahu<sup>58</sup>
- 1913 *Liburnia psylloides* Quaintance, Proc. Ent. Soc. Washington 15: 61. [Listed.]<sup>2,13</sup> (Hawaiian  
Islands)

- 1913 *Peregrinus maidis* Reh, Sorauer's Handbuch der Pflanzenkrankheiten 3: 646. [Economics.]<sup>8,22</sup> Equals *Delphax maidis* Ashm. Kauai<sup>59</sup>  
(Hawaiian Islands)
- 1913 *Liburnia psylloides* Reh, Sorauer's Handbuch der Pflanzenkrankheiten 3: 643. [Listed.]<sup>7,9,55</sup> Lower California<sup>60</sup>
- 1913 *Pundaluoja simplicia* Reh, Sorauer's Handbuch der Pflanzenkrankheiten 3: 643. [Listed.]<sup>7</sup> Illinois<sup>61</sup>
- 1913 *Pundaluoja simplicia* Fletcher, Rept. Oper. Dept. Agr. Madras 1912-1913: 38. [Economics.]<sup>13</sup> Louisiana<sup>62</sup>  
Dutch East Indies<sup>63</sup>
- 1914 *Pundaluoja simplicia* Fletcher, South Indian Ins. :494; Fig. 382. [Economics, illustrated.]<sup>13</sup> United States<sup>64</sup>
- 1914 *Peregrinus* [sic] *maidis* Barber, Bull. American Mus. Nat. Hist. 33: 528. [Listed.]<sup>1</sup> Rhodesia<sup>65</sup>
- 1914 *Dicranotropis maidis* Crawford, Mon. Delphacidae :595; Pl. 47, Figs. A, B. [Described, illustrated.]<sup>4,16,17,18,19,20</sup> Equals *Delphax maidis* Ashm. Equals *Peregrinus maidis* Kirk. Equals *Pundaluoja simplicia* Dist. :594. [Key.]
- 1914 *Pundaluoja simplicia* Distant, Bull. Ent. Res. 5: 242. Fig. 3. [Notes, illustrated.]<sup>2,23,24</sup>
- 1914 *Pundaluoja simplicia* Lamborn, Bull. Ent. Res. 5: 207. [Economics.]<sup>23</sup>
- 1914 *Liburnia psylloides* Melichar, Notes Leyden Mus. 36: 111. [Listed.]<sup>7</sup>
- 1914 *Peregrinus maidis* Melichar, Notes Leyden Mus. 36: 111. [Listed.]<sup>7</sup> Equals *Delphax maidis* Ashm. Equals *Dicranotropis maidis* Van Duz.
- 1914 *Pundaluoja simplicia* Melichar, Notes Leyden Mus. 36: 109. [Listed.]<sup>7</sup>
- 1914 *Peregrinus maidis* Thomas, Bull. South Carolina Agr. Exp. Sta. 174: 3-7; 3 Figs. [Economics, illustrated.]<sup>15</sup>
- 1915 *Peregrinus maidis* Jones, Bull. United States Dept. Agr. Bur. Ent. (n. s.) 192: 2. [Economics.]<sup>32</sup>
- 1915 *Peregrinus maidis* Metcalf, Jour. Elisha Mitchell Soc. 31: 44 (12). [Listed.]<sup>21</sup>
- 1915 *Pundaluoja simplicia* Schumacher, Suppl. Ent. 4: 141. [Comparative note.]
- 1916 *Delphax psylloides* Distant, Fauna British India 6: 134. [Synonymy.]
- 1916 *Peregrinus maidis* Muir, Proc. Hawaiian Ent. Soc. 3: 198. [Notes.]
- 1916 *Dicranotropis maidis* Osborn, Agricultural Entomology 1916: 103. [Economics.]
- 1916 *Peregrinus maidis* Van Duzee, Check List Hemip. America :83. [Listed.]<sup>22</sup> Equals *Peregrinus psylloides* Leth. Equals *Peregrinus simplicia* Dist.
- 1916 *Peregrinus maidis* Muir, Philippine Jour. Sci. 11: 384. [Notes, food plants]<sup>4,6,8,9,12,25,28,38,39,40,41</sup> Equals *Delphax maidis* Ashm. Equals *Dicranotropis maidis* Van Duz. Equals *Pundaluoja simplicia* Dist.
- 1916 *Pundaluoja simplicia* Distant, Fauna British India 6: 134. [Notes.]<sup>13,23,24,55</sup> Equals *Peregrinus maidis* Kirk. :136. [Comparative note.]
- 1917 [*Peregrinus maidis*] Fullaway, Rept. Hawaii Div. Ent. 1916: 106. [Parasites.]<sup>65</sup>
- 1917 *Peregrinus maidis* Giffard, Proc. Hawaiian Ent. Soc. 3: 345. [Food plants.]<sup>4</sup>
- 1917 *Peregrinus maidis* Muir, Proc. Hawaiian Ent. Soc. 3: 316. [Notes.]
- 1917 *Peregrinus maidis* Van Duzee, Cat. Hemip. America :769. [Listed.]<sup>1,3,8,9,13,21,66</sup> Equals *Delphax maidis* Ashm. Equals *Dicranotropis maidis* Ashm. Equals *Delphax psylloides* Leth. Equals *Pundaluoja simplicia* Dist. Equals *Liburnia psylloides* Leth.
- 1917 *Peregrinus maidis* Muir, Canadian Ent. 49: 147. [Synonymy, food plants.]<sup>2,4,6,7,9,12,13,16,19,20,24,26,27,28,29,30</sup> Equals *Delphax maidis* Ashm. Equals *Delphax psylloides* Leth. Equals *Dicranotropis maidis* Van Duz. Equals *Pundaluoja simplicia* Dist.
- 1917 *Pundaluoja simplicia* Distant, Trans. Linn. Soc. London Zool. 17: 300. [Notes.]<sup>2,13,23,24</sup>
- 1918 *Peregrinus maidis* Cotton, Revista Agr. Porto Rico 1: 199. [Economics.]<sup>32</sup>
- 1918 *Peregrinus maidis* Cotton, Jour. Dept. Agr. Porto Rico 2: 291. [Economics.]<sup>32</sup>
- 1918 *Peregrinus maidis* Fullaway, Bull. Bd. Comm. Agr. For. Hawaii Div. Ent. 4: 3-16; Figs. I-XVIII. [Economics, illustrated.]<sup>55</sup>
- 1919 *Peregrinus maidis* Carpenter, Rept. Hawaii Agr. Exp. Sta. 1918: 44. [Disease vector.]<sup>55</sup>
- 1920 *Peregrinus maidis* Ferris, Jour. Econ. Ent. 13: 465. [Economics.]<sup>18,60</sup>
- 1919 [*Peregrinus maidis*] Fullaway, Rept. Hawaii Div. Ent. 1919: 55. [Economics.]<sup>55</sup>



*Peregrinus*

- 1919 [*Peregrinus maidis*] Henke, Hawaiian For. Agr. **16**: 41. [Economics.]<sup>66</sup>
- 1919 *Peregrinus maidis* Muir, Canadian Ent. **51**: 7. Equals *Pundaluoaya simplex* [sic] Dist.
- 1919 *Peregrinus maidis* Muir, Philippine Jour. Sci. **15**: 529. [Listed.]<sup>81</sup>
- 1921 *Peregrinus maidis* Osborn, Florida Ent. **5**: 18. [Listed.]<sup>1</sup>
- 1922 *Peregrinus maidis* Giffard, Proc. Hawaiian Ent. Soc. **5**: 109. [Listed.]<sup>4</sup> :116. [Food plants.]<sup>4</sup> :110. [Listed.]
- 1922 *Peregrinus maidis* Kunkel, Hawaiian Plant. Rec. **26**: 61. [Disease vector.]
- 1923 *Peregrinus maidis* Brandes, Jour. Agr. Res. **23**: 280, 281. [Vector of sugar cane mosaic.]
- 1923 *Peregrinus maidis* Metcalf, Jour. Elisha Mitchell Soc. **38**: 170; Pl. 46, Fig. 111; Pl. 60, Figs. 436, 437; Pl. 69, Fig. 666. [Key, illustrated.]
- 1923 *Peregrinus maidis* Wolcott, Jour. Dept. Agr. Porto Rico **7**: 273. [Listed.]<sup>32</sup>
- 1924 *Peregrinus maidis* Gowdey, Ann. Rept. Dept. Agr. Jamaica 1923: 21. [Disease vectors.]<sup>10</sup>
- 1925 *Peregrinus maidis* Muir, Trans. Ent. Soc. London 1924: 463, 466. [Listed.]<sup>42</sup>
- 1926 *Peregrinus maidis* Gater, Bull. Dept. Agr. Federated Malay States and Straits Settlements **38**: 5. [Listed.]<sup>23</sup>
- 1926 *Peregrinus maidis* Gowdey, Bull. Dept. Agr. Jamaica Ent. **4**: 40. [Listed.]<sup>10</sup> Equals *Delphax maidis* Ashm.
- 1926 *Peregrinus maidis* Osborn, Reference Book Sugar Industry of the World 1926: 48. [Notes.]<sup>2,16,32,44,65</sup>
- 1926 *Peregrinus maidis* Osborn, Sci. Contr. Trop. Pl. Res. Found. **1**: 105. [Notes.]<sup>2,4,16,22,32,44</sup>
- 1926 *Peregrinus maidis* Osborn, Sci. Contr. Trop. Pl. Res. Found. **2**: 358. [Notes.]<sup>2,16,32,44,55</sup>
- 1926 *Peregrinus maidis* Osborn, Ann. Ent. Soc. America **19**: 358. [Notes.]<sup>16</sup>
- 1926 *Peregrinus maidis* Osborn, Jour. Econ. Ent. **19**: 105. [Notes.]<sup>2,4,16,22,32,44</sup>
- 1926 *Peregrinus maidis* Myers, Contr. Harvard Inst. Trop. Biol. and Med. **3**: 88. [Notes.]<sup>16</sup>
- 1926 *Peregrinus maidis* Muir, Jour. Malayan Branch Roy. Asiatic Soc. **4**: 399. [Listed.]<sup>43</sup>
- 1926 *Peregrinus maidis* Muir, Ann. Mag. Nat. Hist. (9) **17**: 30. [Notes.]<sup>34</sup> :28. [Comparative note.]
- 1927 *Peregrinus maidis* Ritchie, Ann. Rept. Dept. Agr. Tanganyika 1925-26: 34. [Listed.]<sup>66</sup>
- 1927 *Peregrinus maidis* Stahl, Bull. Trop. Pl. Res. Found. **7**: 3; Pls. I-III. [Disease vector, illustrated.]
- 1927 *Peregrinus maidis* Wolcott, Entomologie d'Haiti :394. [Economics.]
- 1927 *Peregrinus maidis* Muir, Fulgoroidea of Samoa :10. [Notes.]<sup>9,12,44,45</sup> Equals *Delphax maidis* Ashm.
- 1927 *Peregrina* [sic] *maidis* Muir, Ann. Mag. Nat. Hist. (9) **20**: 87. [Listed.]<sup>46</sup>
- 1927 *Peregrinus maidis* Hopkins, Bull. Ent. Res. **18**: 24. [Listed.]<sup>45</sup>
- 1927 *Peregrinus maidis* Kunkel, Phytopathology **17**: 41. [Nonvector of sugar cane mosaic.]<sup>1,55,64</sup>
- 1928 *Peregrinus maidis* Kunkel, Rivers' Filterable Viruses 1928: 351. [Disease vector.]
- 1928 *Peregrinus maidis* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 6. [Ecology.]<sup>22</sup>
- 1928 *Peregrinus maidis* Myers, Studies on Cuban Insects **1**: 22. [Listed.]<sup>16</sup>
- 1928 *Peregrinus maidis* Ogilvie, Insects of Bermuda 1928: 20. [Food plants.]<sup>60</sup>
- 1929 *Peregrinus maidis* Muir, Ann. Mag. Nat. Hist. (10) **4**: 198. [Notes.]<sup>34,47,48,49</sup> Equals *Delphax maidis* Ashm.
- 1929 *Peregrinus maidis* Osborn, Jour. Econ. Ent. **22**: 209. [Listed.] 212. [Notes.]<sup>1,2,3,44,55</sup>
- 1929 *Peregrinus maidis* Osborn, Jour. Dept. Agr. Porto Rico **13**: 110. [Notes.]<sup>2,16,22,32,44,55</sup>
- 1930 *Peregrinus maydes* [sic] Milord, Revista Agr. Com. Trab. **12**: 36. [Economics.]
- 1930 *Peregrinus maidis* Smith and Audant, Jour. Econ. Ent. **23**: 976. [Listed.]<sup>36</sup>
- 1930 *Delphax* (?) *psylloides* Lesne, Bull. Mus. Hist. Nat. Paris (2) **2**: 184. [Notes.]<sup>2,41</sup> Equals *Liburnia psylloides* Mel.
- 1931 *Peregrinus maidis* Neiswander, Bull. Ohio Agr. Exp. Sta. **473**: 49. [Listed.] Equals *Dicranotropis maidis* Ashm. :55. [Notes.] Equals *Dicranotropis maidis* Ashm.
- 1931 *Peregrinus maidis* Osborn, Ann. Ent. Soc. America **24**: 683. [Note.]
- 1932 *Peregrinus maidis* Swezey and Williams, Proc. Hawaiian Ent. Soc. **8**: 192. [Listed.]<sup>4</sup>

- 1932 *Peregrinus maidis* Dozier, Jour. Dept. Agr. Puerto Rico **16**: 86. [Parasites.]<sup>36</sup>  
 1933 *Peregrinus maidis* Leonard, Jour. Dept. Agr. Puerto Rico **17**: 112. [Listed.]<sup>32</sup>  
 1933 *Peregrinus maidis* Metcalf, Jour. Elisha Mitchell Sci. Soc. **49**: 106. [Zoo-geography.]<sup>1,2,3,4,5,6,7,8,13,14,18,19,20,21,23,26,27,28,29,31,34,35</sup>  
 1933 *Peregrinus maidis* Mungomery and Bell, Bull. Queensland Exp. Sta. Div. Path. **4**: 17. [Listed.]<sup>5</sup>  
 1934 *Perdgrinus maidis* Chatterjee and Bose, Indian For. Rec. **19** (8): 14. [Disease vector.]  
 1934 *Delphax psylloides* Silvestri, Compendio di entomologie applicata **1**: 363. [Listed.]  
 1934 *Peregrinus maydis* [sic] Silvestri, Compendio di entomologie applicata **1**: 364. [Notes.]  
 1934 *Pundaluoya simplicia* Chatterjee and Bose, Indian For. Rec. **19** (8): 14. [Listed.]<sup>2,6,7,13,14,23,24,33,55</sup> Equals *Peregrinus simplicia* Dist.  
 1935 *Peregrinus maidis* Cook, Jour. Agr. Univ. Puerto Rico **19**: 419. [Listed.]<sup>4,16</sup>  
 1935 *Pundaluoya simplicia* Krishna Ayyar, Bull. Ent. Res. **26**: 578. [Ecology.]<sup>13</sup>  
 1935 *Peregrinus maidis* Osborn, Sci. Surv. Porto Rico and Virgin Islands **14**: 240. [Described.]<sup>2,16,22,32,44,55</sup> Equals *Delphax maidis* Ashm. Equals *Dicranotropis maidis* Van Duz.  
 1935 *Peregrinus maidis* Ritchie, Ann. Rept. Dept. Agr. Tanganyika **1934**: 82. [Economics.]<sup>56</sup>  
 1936 *Peregrinus maidis* Ballou, Bull. Ins. Pest Surv. **16**: 474. [Food plants.]<sup>11</sup>  
 1936 *Peregrinus maidis* Cherian and Kylasam, Proc. Assoc. Econ. Biol. Coimbatore **1936**: 60 (4). [Disease vector.]<sup>13</sup> Equals *Dicranotropis [maidis]*. Equals *Pundaluoya simplicia*.  
 1936 *Peregrinus maidis* Cook, Jour. Agr. Univ. Puerto Rico **20**: 700. [Disease vector.]<sup>14</sup>  
 1936 *Peregrinus maidis* Dozier, Proc. Hawaiian Ent. Soc. **9**: 176. [Parasites.]<sup>4</sup>  
 1936 *Perigrinus* [sic] *maidis* van der Goot, Meded. Inst. Plant. **87**: 25. [Economics.]<sup>63</sup>  
 1936 *Peregrinus maidis* Swezey, Hawaiian Plant. Rec. **40**: 308. [Economics.]<sup>57</sup>  
 1936 *Peregrinus maidis* Wolcott, Jour. Agr. Univ. Puerto Rico **20**: 106. [Listed.]<sup>32</sup>  
 1936 *Peregrinus maidis* Jack, Rhodesia Agr. Jour. **33**: 334. [Vector of streak disease on corn.]<sup>65</sup>  
 1936 *Peregrinus maidis* Jack, Bull. Min. Agr. Rhodesia **986**: 6. [Vector of streak disease on corn.]<sup>65</sup>  
 1937 *Peregrinus maidis* Smith, A textbook of plant virus diseases **1937**: 439. [Disease vector.] :489. [Described, life history.] Equals *Pundaluoya simplicia* Dist.  
 1938 *Peregrinus maidis* Brimley, Insects of North Carolina **1938**: 102. [Listed.]<sup>21</sup>  
 1938 *Peregrinus maidis* Osborn, Bull. Ohio Biol. Surv. **6**: 346. [Described.]<sup>1,2,16,32,44,51,52,55</sup>  
 1938 *Peregrinus maidis* Poos, Jour. Econ. Ent. **31**: 26, 27, 28. [Disease vector.]<sup>16,21,41,54,55</sup>  
 1939 *Peregrinus maidis* Bawden, Plant viruses and virus diseases **1939**: 53, 72. [Disease vector.]  
 1939 *Peregrinus maidis* Carter, Science (n. s.) **90**: 394. [Disease vector.]<sup>65</sup>  
 1939 *Peregrinus maidis* Glick, Tech. Bull. United States Dept. Agr. **673**: 27. [Listed.]<sup>62</sup> :65. [Ecology.]<sup>62</sup>  
 1939 *Peregrinus maidis* Osborn, Meadow and Pasture Insects **1939**: 161. [Note.]<sup>53</sup>  
 1940 *Peregrinus maidis* Leach, Ins. trans. plant dis. **1940**: 340, 565, 572. [Disease vector.]  
 1940 *Peregrinus maidis* Christenson, Jour. Econ. Ent. **33**: 828. [Disease vector.]  
 1940 *Peregrinus maidis* Swezey, Hawaiian Plant Rec. **44**: 158. [Economics.]<sup>57</sup>

*maydes*. Typographical error for *Peregrinus maidis* Ashmead.

*maydis*. Typographical error for *Peregrinus maidis* Ashmead.

*psylloides* Lethierry. See *Peregrinus maidis* Ashmead.

*simplicia* Distant. See *Peregrinus maidis* Ashmead.

*vegetatus* Melichar. See *Delphacodes vegetata* Melichar.

*vita* Kirkaldy [nom. nud.] See *Peregrinus maidis* Ashmead

### Genus CONOMELUS Fieber

Haplotype *Delphax limbatus* 1866 Fieber, Verh. Zool. Bot. Ges. Wien **16**: 520.

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- Type *Delphax limbata* 1897 Horváth, Rev. Ent. 16: 94.  
 Type *Conomelus limbatus* 1912 Oshanin, Kat. Paäark. Hemip. :118.  
 Type *Conomelus limbata* 1915 Muir, Canadian Ent. 47: 262.  
 Type *Conomelus limbatus* 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 212.  
 Type *Conomelus limbatus* 1935 Haupt, Tierwelt Mitteleuropas 4 (3): 131.
- Conomelus* 1866 Fieber, Verh. Zool. Bot. Ges. Wien 16: 520. [gen. n.] :532. [Listed.]
- Delphax* 1866 Bellevoys, Cat. Hémipt. Moselle :30 [Listed.] [nec Fabricius] [in part.]
- Conomelus* 1867 Dallas, Zool. Rec. 3: 560. [Key.]
- Delphax* 1868 Kirschbaum, Cicad. Wiesbaden. :19. [Described, key to German species.] [nec Fabricius] [in part.]
- Liburnia* 1870 Scott, Ent. Monthly Mag. 7: 25. [Key to British species.] [nec Stål] [in part.]
- Conomelus* 1871 Brischke, Verz. Wanzen und Zirpen Prov. Preussen :13. Equals *Delphax* Fabr. (in part.).
- 1872 Fieber, Kat. Europäischen Cicad. :5. [Listed.] Equals *Delphax* Auct. [in part.]
- 1873 Marschall, Nomenclator Zoologicus 1873: 359. [Listed.]
- Delphax* 1874 Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 82. [Listed.] [nec Fabricius] [in part.]
- Liburnia* [nec Stål] 1874 Siebke, Enum. Insect Norvegorum :40. [Listed.]  
[in part.]
- Conomelus* 1874 Lethierry, Cat. Hémipt. Dept. du Nord Second Ed. :257 (53). [Listed.]
- 1875 Puton, Cat. Hémipt. d'Europe 2 Ed. :119. [Listed.]
- 1875 Fieber, Cicad. d'Europe Pt. 1: 375 (88). [Key.]
- 1876 Fieber, Cicad. d'Europe Pt. 2: Pl. 7. [Illustrated.]
- Liburnia* [nec Stål] 1876 Douglas and Scott, Cat. British Hemip.-Homop. :66. [Listed.]  
[in part.]
- Conomelus* 1878 Fieber, Cicad. d'Europe Pt. 3: 306 (37). [Listed.] Equals *Delphax* Auct. [in part.]
- Liburnia* [nec Stål] 1879 Fieber, Cicad. d'Europe Pt. 4: 65 (1) [Key to species.]  
[in part.]
- Conomelus* 1880 Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 55. [Listed.]
- 1882 Ferrari, Cicad. Agri Ligustici :90 (18). [Listed.] :87 (15). [Key.]
- 1882 Scudder, Nomenclator Zoologicus. Univ. Index :76. [Listed.]
- Delphax* [nec Fabricius] 1883 Karsch, Insektewelt :649. [Described.]  
[in part.]
- Conomelus* 1884 Mayr, Tabellen :20. [Key.] Equals *Delphax* Auct. [in part.]
- 1885 Ivanoff, Liste des Cigales :89 (7) [Listed.]
- Delphax* [nec Fabricius] 1885 Fairmaire, Hist. Nat. France Hémipt. :142 [Key.] :145.  
[Described.]
- Liburnia* [nec Stål] 1886 Edwards, Syn. British Homop.-Cicadina Pt. 1: 55. [Key.]  
:57; Pl. 1, fig. 19. [Described, illustrated.] :58. [Key to species.]
- Conomelus* 1886 Then, Kat. Österreichischen Cicad. 1886: 14. [Listed.]
- 1886 Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :73. [Listed.]
- 1888 Dubois, Mém. Soc. Linn. Nord France 7: 155 (59). [Listed.]
- 1889 Ashmead, Ent. Amer. 5: 28. [Key.]
- Liburnia* [nec Stål] 1890 Buckton, Mon. British Cicadae 1: 28. [Key.] :30. [Described.]  
[in part.]
- 1890 Saunders and Edwards, Cat. British Hemiptera 1890: 11. [Listed.]

- Conomelus 1891 Fokker, Cat. Nederland Hemip. :366. [Listed.]  
 1892 Coubeaux, Ann. Soc. Ent. Belgique **36**: 34 (1). [Listed.]  
*Delphax* [nec Fabricius] 1892 Dominique, Bull. Soc. Sci. Nat. Ouest France **2**: 116. [Listed.]  
 [in part.]  
 Conomelus 1892 Dominique, Bull. Soc. Sci. Nat. Ouest France **2**: 115. [Listed.]  
 1892 Duda, Cat. Ins. Faunae Bohemicae :28. [Listed.]  
 1892 Spitzner, Verh. Naturf. Ver. Brünn **30**: 26. [Listed.]  
 1893 Bezzi, Bull. Soc. Ent. Italiana **25**: 108 (28.) [Listed.]  
 1894 Edwards, Hemip.-Homop. British Islands Pt.1 :31. To *Liburnia*  
 [nec Stål] [error.]  
 1894 VanDuzee Bull. Buffalo Soc. Nat. Sci. **5**: 191. [Listed.]  
 1895 Wüstnei, Schr. Nat. Ver. Schleswig-Holsteins. **10**: 269. [Listed.]  
 1896 Melichar, Cicad. Mittel-Europa :68. [Described.] :50. [Key.]  
 1897 Horváth, Fauna Regni Hungariae :56. [Listed.]  
 1897 Oudemans, De Nederlandsche Insecten **6**: 287. [Described.]  
 1897 Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 244, 245. [Comparative  
 note.]  
*Delphax* [nec Fabricius] 1897 Acloque, Faune France :401; Pl. 162, fig. D. [Key. to species,  
 [in part.] illustrated.] :400. [Key.]  
 Conomelus 1899 Puton, Cat. Hémp. Faune Paléarctique 4 Ed. :107. [Listed.]  
 1899 Marchal, Bull. Soc. Hist. Nat. Autun **11**: 589. [Listed.]  
 1900 Lameere, Manuel Faune Belgique **2**: 140. [Key.] :141. [Listed.]  
 1901 Lambertie, Act. Soc. Linn. Bordeaux **56**: 217 (89) [Listed.]  
 1902 Cobelli, Cicadine Trentino :9. [Listed.]  
 1902 Dominique, Bull. Soc. Sci. Nat. Ouest France (2) **2**: 222.  
 [Listed.]  
 1903 Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste **21**: 62 (22).  
 [Listed.]  
 1904 Hüeber, Syst. Verz. deutschen Zikadinen :269. [Listed.]  
 1906 Matsumura, Schr. Nat. Ges. Danzig **11**: 76. [Listed.]  
 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 124. [Morphology.]  
 1907 Oshanin, Verz. Palaeark. Hemip. **2** (2): 311. [Listed.]  
 1908 Saunders and Edwards, Cat. British Hemiptera **1908**: 15.  
 [Listed.]  
 1910 Lambertie, Misc. Ent. **18**: 92. [Listed.]  
 1912 Schmidt, Stett. Ent. Zeit. **73**: 149. [Listed.]  
 1912 Oshanin, Kat. Paläark. Hemip. :118. [Listed.]  
 1913 Strand, Nyt. Mag. Naturv. **51**: 274. [Listed.]  
 1913 Dalla Torre, Ent. Jahrb. **22**: 149. [Listed.]  
 1915 Jacobsen, Ent. Medd. **10**: 319. [Listed.]  
 1915 Jensen-Haarup, Flora och Fauna **1915**: 104. [Described.] :137.  
 [Key to species.] :98. [Key.]  
 1915 Muir, Canadian Ent. **47**: 212, 262. [Listed.] :299, 302. [Key.]  
 :301. [Note.]  
 1920 Tullgren and Wahlgren, Svenska Insekter **1920**: 152. [Key,  
 listed.]  
 1920 Jensen-Haarup, Danmarks Fauna :43. [Described.] :44 [Key to  
 species.] :31. [Key.]  
 1924 Lindberg, Acta Soc. Fauna Flora Fennica **56**: 46. [Listed.]  
 Equals *Liburnia* Sahlb. [in part.]  
 1925 Haupt, Mitt. Münchner Ent. Ges. **15**: 18. [Listed.]  
 1925 Kupka, Mitt. Münchner Ent. Ges. **15**: 111. [Listed.]  
 1925 Šulc, Compt. Rend. Soc. Biol. **92**: 1060. [Listed.]  
*Delphax* (*Conomelus*) 1926 Rémy-Perrier, Homop. Faune France **4**: 93. [Key.]  
 Conomelus 1927 Poisson and Poisson, Bull. Soc. Linn. Normandie (7) **9**: 143.  
 [Listed.]



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- 1927 Schulze, Kükenthal and Heider, Nomenclator animalium 2 (7): 778. [Listed.]  
 1928 Filipieff, Guide to Insects :158. [Key.] :159. [Key to species.]  
 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 212. [Key.]  
 1932 Enderlein, Fauna von Deutschland 1932: 193. [Key.]  
 1933 Weber, Lehrbuch der Ent. :658. [Listed.]  
 1935 Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 9. [Listed.]  
 1935 Haupt, Tierwelt Mitteleuropas 4 (3): 131. [Key.] :146. [Key to species.]  
 1935 Karl, Dohrniana 14: 140. [Listed.]  
 1937 Kuntze, Arch. Nat. (n. f.) 6: 356. [Listed.]  
 1939 Neave, Nomenclator Zoologicus 1: 820. [Listed.]

## anceps Germar

- 1794 *Fulgora limbata* Fabricius, Entomologia Syst. :6. [n. sp.]<sup>1</sup> Germany<sup>1</sup>  
 1795 *Fulgora limbata* Weber, Nom. Ent. :144. [Listed.] North Africa<sup>2</sup>  
 1802 *Fulgora limbata* Turton, A general system of Nature 2: 573. [Described.]<sup>1</sup> Ireland<sup>3</sup>  
 1803 *Delphax limbata* Fabricius, Systema Rhyng. :84. [Described.]<sup>1</sup> Italy<sup>4</sup>  
 Equals *Fulgora limbata* Fabr. England<sup>5</sup>  
 1804 *Asiraca limbata* Latreille, Hist. Nat. Ins. 12: 317. [Described.]<sup>1</sup> Sardinia<sup>6</sup>  
 Equals *Delphax limbata* Fabr. France<sup>7</sup>  
 1818 *Delphax limbata* Germar, Mag. Ent. 3: 211. [Described.] Europe<sup>8</sup>  
 1820 *Fulgora limbata* Donovan, Rees' cyclopaedia 8: [3]. [Described.]<sup>1</sup> Finland<sup>10</sup>  
 1820 *Delphax limbata* Goldfuss, Handbuch der Zoologie 1: 289. [Described.]<sup>1</sup> Scandinavia<sup>11</sup>  
 Prussia<sup>12</sup>  
 1821 *Delphax limbata* Germar, Mag. Ent. 4: 105. [Comparative note.] Norway<sup>13</sup>  
 1821 *Delphax anceps* Germar, Mag. Ent. 4: 105. [n. sp.]<sup>6</sup> Belgium<sup>14</sup>  
 1823 *Delphax limbata* Schinz, Das Thierreich 3: 593. [Described.]<sup>1</sup> Spain<sup>15</sup>  
 1828 *Asiraca limbata* Boitard, Man. Ent. Hist. Nat. Ins. 2: 157. [Described.]<sup>1</sup> Czechoslovakia<sup>16</sup>  
 Equals *Delphax limbata* Fabr. British Isles<sup>17</sup>  
 1829 *Delphax pictipennis* Curtis, Guide Arrang. British Ins. :193. Austria<sup>18</sup>  
 [Listed.]<sup>3,17</sup> [nom. nud.] Hungary<sup>19</sup>  
 1830 *Delphax limbata* Germar, Thon. Ent. Archiv 2: 57. [Described.]<sup>1</sup> Algeria<sup>20</sup>  
 Equals *Delphax anceps* Germ. Equals *Fulgora limbata* Fabr. Yugoslavia<sup>21</sup>  
 1831 *Delphax limbata* Germar, Agusti Ahrensii Insectorum Europae 15: Romania<sup>22</sup>  
 Pl. 14. [Described, illustrated.]<sup>1</sup> Russia<sup>23</sup>  
 1831 *Delphax limbata brachyptera* Germar, Agusti Ahrensii Insectorum Estonia<sup>24</sup>  
 Europae 15: Pl. 14. [n. var.] Equals *Delphax* *anceps* Germ. and Denmark<sup>25</sup>  
 Zinck. Wales<sup>26</sup>  
 1831 *Delphax limbata macroptera* Germar, Agusti Ahrensii Insectorum Netherlands<sup>27</sup>  
 Europae 15: Pl. 14. [n. var.] Equals *Delphax anceps* Germ. and Scotland<sup>28</sup>  
 Zinck. Poland<sup>29</sup>  
 1833 *Delphax limbata* Germar, Rev. Ent. Silbermann 1: 176. [Listed.] Batavia<sup>30</sup>  
 1834 *Delphax limbata* Costa, Cenni Zool. :85. [Listed.]<sup>4</sup> Middle Europe<sup>31</sup>  
 1835 *Delphax anceps* Herrich-Schäffer, Nom. Ent. 1: 106. To *Delphax limbata*.  
 1835 *Delphax limbata* Herrich-Schäffer, Nom. Ent. 1: 106. [Listed.] Equals *Delphax anceps* Germ. :65. [Key.]  
 1835 *Delphax limbata* Burmeister, Handb. Ent. 2 (1): 150. [Described.]<sup>1</sup> Equals *Delphax anceps* Germ.  
 1837 *Delphax pictipennis* Curtis, Guide Arrang. British Ins. Ed. 2: 223. [Listed.]<sup>2</sup> Equals *Delphax anceps* Germ.  
 1837 *Delphax limbata* Gistel, Cicaden München :107. (12). [Listed.]<sup>1</sup> Equals *Delphax crassicornis* Panz. [error.]  
 1837 *Delphax pictipennis* Curtis, British Ent. 14: Pl. 657. [n. sp.]<sup>6</sup> Equals *Delphax anceps* Germ?  
 1837 *Delphax limbata* Curtis, British Ent. 14: Pl. 657. [Listed.]<sup>5</sup>

- 1839 *Delphax limbata* von Siebold, Preussische Prov.-Blatt. 21: 444. [Listed.]<sup>1</sup>  
 1839 *Delphax limbata brachyptera* von Siebold, Preussische Prov.-Blatt. 21: 444. [Listed.]<sup>1</sup>  
 Equals *Delphax anceps* Germ.  
 1839 *Delphax limbata* Spinola, Ann. Soc. Ent. France 8: 333. [Listed.]<sup>1,6</sup> Equals *Delphax anceps* Germ. :140. [Listed.]  
 1840 *Delphax limbata* Blanchard, Hist. Nat. Ins. Hemip. 3: 177. [Described.]<sup>1,7</sup>  
 1840 *Delphax limbata* Herrich-Schäffer, Fauna Ratisbonensis 3 (2): 384. [Listed.]<sup>1</sup>  
 1840 *Delphax limbata* Duponchel, Rev. Zool. 2: 204 [Listed.]<sup>1,6</sup>  
 1843 *Asiraca limbata* Boitard, Nouveau Man. Ent. 3: 85. [Described.]<sup>1</sup> Equals *Delphax limbata* Fabr.  
 1845 *Delphax limbata* Boheman, Handl. Svenska Vet. Akad. 1845: 60. [Described.]<sup>8</sup>  
 Equals *Delphax anceps* Germ. Equals *Delphax signifera* Boh.  
 1845 *Delphax signifera* Boheman, Öfv. Svenska Vet. Akad. Förh. 1845: 164. [n. sp.]  
 1847 *Delphax palliata* Boheman, Öfv. Svenska Vet. Akad. Förh. 1847: 266. [n. sp.]<sup>8</sup>  
 1847 *Delphax palliata* Boheman, Handl. Svenska Vet. Akad. 1847: 56. [Described.]<sup>8</sup>  
 1847 *Delphax limbatae* [sic] Boheman, Handl. Svenska Vet. Akad. 1847: 39, 67. [Comparative note.]  
 1847 *D[elphax] palliatae* [sic] Boheman, Handl. Svenska Vet. Akad. 1847: 59, 60. [Comparative note.]  
 1847 *Nehigla Amyot*, Ann. Soc. Ent. France (2) 5: 171, 172. [non binom.] [Described.]<sup>7</sup>  
 Equals *Delphax anceps* Germ. Equals *Delphax limbata* Fabr.  
 1847 *Nehigla limbata* Amyot, Ann. Soc. Ent. France (2) 5: 171. [non binom.] [Described.]<sup>7</sup>  
 1847 *Nehigla anceps* Amyot, Ann. Soc. Ent. France (2) 5: 171 [non binom.]. [Described.]<sup>7</sup>  
 1848 *Delphax limbata* Gistel, Naturgeschichte des Thierreichs 1848: 150. [Described.]<sup>21</sup>  
 1848 *Nehigla limbata* Amyot, Méth. Mon. :367. [non binom.]. [Described.]<sup>7</sup>  
 1848 *Nehigla anceps* Amyot, Méth. Mon. :367. [non binom.]. [Described.]<sup>7</sup>  
 1848 *Nehigla* [non binom.] Amyot, Méth. Mon. :367, 368. [Described.]<sup>7</sup> Equals *Delphax limbata* Fabr. Equals *Delphax anceps* Germ.  
 1850 *Delphax limbata* Schaum, Allg. Encykl. Ersch und Gruber 51: 69. [Listed.]<sup>1</sup> Equals *Delphax anceps* Germ. Equals *Delphax signifera* Boh.  
 1850 *Delphax palliata* Schaum, Allg. Encykl. Ersch und Gruber 51: 69. [Listed.]<sup>8</sup>  
 1850 *Delphax palliata* Dahlbom, Handl. Svenska Vet. Akad. 1850: 203. [Listed.]<sup>8</sup>  
 1850 *Delphax limbata* Blanchard, Hist. Nat. Ins. 3 (1): 177. [Described.]<sup>1,7</sup>  
 1851 *Delphax palliata* Walker, List Homop. British Mus. 2: 358. [Listed.]<sup>8</sup>  
 1851 *Delphax limbata* Walker, List Homop. British Mus. 2: 350. [Listed.]<sup>9</sup> Equals *Fulgora limbata* Fabr. Equals *Delphax anceps* Germ. Equals *Delphax signifera* Boh. Equals *Nehigla* Amyot. [non binom.]  
 1851 *Delphax pictipennis* Walker, List Homop. British Mus. 2: 352. [Listed.]<sup>6</sup>  
 1852 *Delphax palliata* Boheman, Handl. Svenska Vet. Akad. 1851: 118. [Listed.]<sup>8</sup>  
 1854 *Delphax limbata* Stål, Öfv. Svenska. Vet. Akad. Förh. 11: 193. [Described.]<sup>8</sup> Equals *Delphax anceps* Germ. Equals *Delphax palliata* Boh. Equals *Delphax signifera* Boh.  
 1855 *Delphax limbata* Fairmaire, Histoire Naturelle de la France. Hémiptères 1855: 146. [Described.]<sup>7</sup>  
 1857 *Delphax brachyptera* Perris, Ann. Soc. Linn. Lyon 4: 170 (90). [Listed.]<sup>7</sup>  
 1857 *Delphax limbata* Perris, Ann. Soc. Linn. Lyon 4: 170 (90). [Listed.]<sup>7</sup>  
 1859 *Delphax limbata* Dohrn, Cat. Hemip. :61. [Listed.]<sup>8</sup> Equals *Delphax palliata* Boh. Equals *Delphax anceps* Germ.  
 1859 *Delphax pictipennis* Dohrn, Cat. Hemip. :61. [Listed.]<sup>6</sup>  
 1860 *Delphax limbata* Walker, List British Hemip. :17. [Listed.]<sup>6</sup>  
 1860 *Delphax pictipennis* Walker, List British Hemip. :17. [Listed.]<sup>6</sup>  
 1861 *Delphax limbata* Flor, Rhynch. Livlands 2: 85. [Described.]<sup>1,5,6,7,8,24</sup> Equals *Delphax signifera* Boh. Equals *Delphax palliata* Burm. Equals *Delphax anceps* Germ. Equals *Nehigla* Amyot. [non binom.] :32. [Key.]  
 1862 *Delphax pictipennis* Curtis, Homop. British Ent. :Pl. 657. [Described.]<sup>5</sup> Equals *Delphax anceps* Germ?  
 1862 *Delphax limbata* Curtis, Homop. British Ent. :Pl. 657. [Listed.]<sup>5</sup>  
 1862 *Delphax limbata* Graaf, Six and Snellen van Vollenhoven, Tijdschr. Ent. 5: 77 [Listed.]<sup>27</sup>

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- 1863 *Delphax limbata* Snellen van Vollenhoven, Tijdschr. Ent. 6: 11. [Notes.]<sup>27</sup>
- 1865 *Delphax limbatus* Marshall, Ent. Monthly Mag. 1: 199. [Key.] :226. [Described.]<sup>17</sup>  
 Equals *Delphax signifera* Boh. Equals *Delphax palliata* Boh. Equals *Delphax pictipennis* Curt. Equals *Delphax anceps* H.-S.
- 1866 *Conomelus limbatus* Fieber, Verh. Zool. Bot. Ges. Wien 16: 520, 532; Pl. 8, Fig. 10. [Listed, illustrated.] Equals *Delphax limbatus* Fabr.
- 1866 *Delphax pellucidus* [nec Fabricius] Bold, Ent. Monthly Mag. 2: 207. [Notes.]<sup>5</sup>
- 1866 *Delphax limbatus* Bold, Ent. Monthly Mag. 2: 235. For *Delphax pellucidus* [mis-identification.]
- 1867 *Conomelus limbatus* Dallas, Zool. Rec. 3: 560. Equals *Delphax limbatus* Fabr.
- 1868 *Delphax limbata* Sahlberg, Not. Fennica [n. s.] 9 (9): 189. [Listed.]<sup>10</sup> Equals *Delphax signifera* Boh.
- 1868 *Delphax limbata* Kirschbaum, Cicad. Wiesbaden :36. [Key.]<sup>1</sup>
- 1868 *Delphax limbata* Sahlberg, Not. Fennica [n. s.] 9 (9): 216. [Notes.]<sup>10</sup> Equals *Delphax palliata* Boh.
- 1870 *Delphax limbata* Scott, Ent. Monthly Mag. 7: 29. [Key.]
- 1871 *Liburnia limbata* Sahlberg, Not. Fennica [n. s.] 9 (12): 467. [Described.]<sup>11</sup> Equals *Fulgora limbata* Fabr. Equals *Delphax limbata* Fabr. Equals *Conomelus limbata* Fieb. Equals *Delphax signifera* Boh. Equals *Delphax anceps* Germ. Equals *Delphax palliata* Boh. Equals *Nehigla* Amyot. [non binom.] :424. [Key.] :58. [Listed.]<sup>8,10</sup> :39 [Ecology.]
- 1871 *Conomelus limbatus* Brischke, Verz. Wanzen und Zirpen Prov. Preussen :13. [Listed.]<sup>12</sup> Equals *Conomelus brachyptera* Germ. [nomen nudum]. Equals *Conomelus anceps* Germ.
- 1872 *Conomelus limbatus* Fieber, Kat. Europäischen Cicad. :5. [Listed.]<sup>9</sup> Equals *Conomelus anceps* Germ. Equals *Conomelus palliata* Boh. Equals *Conomelus signifera* Boh. Equals *Conomelus pictipennis* Curt.
- 1872 *Conomelus limbatus* Fieber, Verh. Zool. Bot. Ges. Wien 22: 29. Equals *Delphax limbata* Fabr.
- 1874 *Conomelus limbatus* Lethierry, Cat. Hémipt. Dept. du Nord Second Ed. :257 (53). [Listed.]<sup>7</sup>
- 1874 *Delphax limbata* Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 84. [Notes.]<sup>1</sup>
- 1874 *Liburnia limbata* Siebke, Enumeratio Insectorum Norvegicorum 1: 41. [Listed.]<sup>13</sup>
- 1875 *Conomelus limbatus* Puton, Cat. Hémipt. d'Europe 2 Ed. :119. [Listed.]<sup>9</sup> Equals *Conomelus anceps* Germ. Equals *Conomelus palliatus* Boh. Equals *Conomelus signifer* Boh. Equals *Conomelus pictipennis* Curt.
- 1876 *Conomelus limbatus* Bellevoeye, Bull. Soc. Hist. Nat. Metz (2) 14: 178. [Listed.]<sup>7</sup>
- 1876 *Liburnia limbata* Douglas and Scott, Cat. British Hemipt. :69. [Listed.]<sup>17</sup> Equals *Delphax limbata* Fab. Equals *Delphax signifera* Boh. Equals *Delphax palliata* Boh. Equals *Delphax anceps* Germ. Equals *Delphax pictipennis* Curt. Equals *Conomelus limbatus* Fieb.
- 1878 *Conomelus limbatus* Reiber, Bull. Soc. Hist. Nat. Colmar 18: 75. [Listed.]<sup>7</sup>
- 1878 *Conomelus limbatus* Fieber, Cicad. d'Europe Pt. 3: 306 (37). [Described.]<sup>9</sup> Equals *Delphax limbata* Fab. Equals *Nehigla* Amyot. Equals *Delphax anceps* Germ. Equals *Delphax palliata* Boh. Equals *Delphax signifera* Boh. Equals *Delphax pictipennis* Curt.
- 1878 *Delphax limbata* Dale, History of Glanville's Wootton :305. [Listed.]<sup>5</sup>
- 1878 *Conomelus limbatus* Lethierry, Ann. Soc. Ent. Belgique 21: XXXVII. [Listed.]<sup>14</sup>
- 1878 *Conomelus limbatus* Lethierry, Compt. Rend. Soc. Ent. Belgique 21: lxxvii. [Listed.]<sup>14</sup>
- 1879 *Liburnia limbata* Norman, Ent. Monthly Mag. 15: 256. [Listed.]<sup>25</sup>
- 1879 *Conomelus limbatus* Bolivar and Chicote, Ann. Soc. Esp. 8: 179 (33). [Listed.]<sup>15</sup>
- 1880 *Liburnia limbata* Norman, Ent. Monthly Mag. 16: 213. [Listed.]<sup>25</sup>
- 1880 *Conomelus limbatus* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 55. [Listed.]<sup>7</sup>
- 1882 *Conomelus limbatus* Ferrari, Cicad. Agri Ligustici: 90 (18). [Listed.]<sup>4</sup> Equals *Fulgora limbatus* Fabr. Equals *Delphax limbatus* Fabr.
- 1883 *Liburnia limbata* Bloomfield, Natural History of Hastings. First Suppl. 1883: 33. [Listed.]<sup>6</sup>
- 1883 *Delphax limbata* Karsch, Insektenwelt :649; Fig. 373. [Described, illustrated.]<sup>1</sup>



- 1884 *Delphax limbata* Lomnicki, Spraw. Kom. Fizyj. **18**: 232. [Listed.]<sup>29</sup>  
 1884 *Conomelus limbatus* Mayr, Tabellen :20 [Listed.]<sup>1,7,9</sup>  
 1884 *Liburnia limbata* Edwards, Trans. Nat. Soc. Norwich **3**: 713. [Listed.]<sup>6</sup>  
 1885 *Conomelus limbatus* Ivanoff, Liste des Cigales :89 (7). [Listed.]  
 1885 *Delphax (Conomelus) limbata* Ivanoff, Liste des Cigales :115 (33). [Key.]  
 1885 *Delphax limbata* Fairmaire, Hist. Nat. France Hémip.: 146. [Described.]<sup>7</sup>  
 1886 *Liburnia limbata* Edwards, Syn. British Homop.-Cicadina Pt. **1**: 89. [Described.]<sup>17</sup>  
 Equals *Delphax limbata* Fab. Equals *Delphax signifera* Boh. Equals *Delphax palliata* Boh. Equals *Delphax anceps* Germ. Equals *Delphax pictipennis* Curt. Equals *Conomelus limbatus* Fieb. :61 [Key.]  
 1886 *Conomelus limbatus* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>9</sup>  
 Equals *Conomelus anceps* Germ. Equals *Conomelus palliatus* Boh. Equals *Conomelus signifex* Boh. Equals *Conomelus pictipennis* Curt.  
 1886 *Conomelus limbatus* Then, Kat. Österreichischen Cicad. **1886**: 14. [Listed.]<sup>9,18,29</sup>  
 1886 *Conomelus limbatus* Löw, Becker's Herstein in Niederösterreich **3**: 497. [Listed.]<sup>18</sup>  
 1888 *Conomelus limbatus* Dubois, Mém. Soc. Linn. Nord France **7**: 155 (59). [Listed.]<sup>7</sup>  
 1890 *Liburnia pallida* [sic] Buckton, Mon. British Cicadae **2**: 56. [Comparative note.]  
 1890 *Conomelus limbatus* Funk, Ber. Nat. Ges. Bamberg **15**: 140. [Listed.]<sup>1</sup>  
 1890 *Liburnia limbata* Buckton, Mon. British Cicadae **3**: 65, 66. [Synopsis.]  
 1890 *Conomelus limbatus* Dominique, Ann. Soc. Acad. Loire-Inférieure **1890**: 110 (26). [Listed.]<sup>7</sup>  
 1890 *Liburnia limbata* Hansen, Ent. Tidskr. **11**: 39. [Morphology.]  
 1890 *Liburnia limbata* Buckton, Mon. British Cicadae **2**: 60; Pl. 17, Figs. 3a-d. [Described, illustrated.]<sup>9,17</sup> Equals *Delphax limbata* Fabr. Equals *Delphax signifera* Boh. Equals *Delphax palliata* [sic] Boh. Equals *Delphax anceps* Germ. Equals *Delphax pictipennis* Curt. Equals *Conomelus limbatus* Fieber.  
 1890 *Liburnia limbata* Saunders and Edwards, Cat. British Hemiptera **1890**: 12. [Listed.]<sup>17</sup>  
 1891 *Conomelus limbatus* Fokker, Comptes Rendu Soc. Ent. Belgique **35**: cccxli. [Listed.]<sup>14</sup>  
 1891 *Conomelus limbatus* Fokker, Cat. Nederland Hemip. :366. [Listed.]<sup>27</sup>  
 1892 *Conomelus limbatus* Duda, Cat. Ins. Faunae Bohemicae :28. [Listed.]<sup>16</sup> Equals *Conomelus anceps* Germ. Equals *Conomelus palliatus* Boh. Equals *Conomelus signifex* Boh. Equals *Conomelus pictipennis* Curt.  
 1892 *Conomelus limbatus* Spitzner, Verh. Naturf. Ver. Brünn **30**: 26. [Listed.]<sup>16</sup>  
 1892 *Conomelus limbatus* Coubeaux, Ann. Soc. Ent. Belgique **36**: 34 (1). [Listed.]<sup>14</sup>  
 1892 *Conomelus limbatus* Ferrari, Ann. Mus. Genova **12** (2): 569 (21). [Listed.]<sup>14</sup>  
 1892 *Conomelus limbatus* Dominique, Bull. Soc. Sci. Nat. Ouest France **2**: 115. [Listed.]<sup>7</sup>  
 1892 *Conomelus limbatus* Carpentier and Dubois, Mém. Soc. Linn. Nord France **8**: 432. [Listed.]<sup>7</sup>  
 1892 *Conomelus limbatus* Lethierry, Rev. Hémip. Belgique :22. [Listed.]<sup>14</sup>  
 1893 *Conomelus limbatus* Bezzi, Bull. Soc. Ent. Italiana **25**: 108 (28). [Listed.]<sup>4</sup>  
 1893 *Liburnia limbata* M'Gregor, Ent. Monthly Mag. **29**: 93. [Listed.]<sup>28</sup>  
 1893 *Liburnia limbata* M'Gregor, Ann. Scottish Nat. Hist. **1893**: 220. [Listed.]<sup>28</sup>  
 1894 *Liburnia limbata* Edwards, Hemip.-Homop. British Islands Pt. **3**: 69. [Described.]<sup>17</sup>  
 1894 *Liburnia limbata* Edwards, Hemip.-Homop. British Islands Pt. **2**: Pl. 8; Figs. 1, 2. [Illustrated.] :37. [Key.]  
 1895 *Conomelus limbatus* Wüstnei, Schr. Nat. Ver. Schleswig-Holsteins. **10**: 269. [Listed.]<sup>1</sup>  
 1896 *Conomelus limbatus* Melichar, Cicad. Mittel-Europa :69; Pl. V, Figs. 1-3. [Described, illustrated.]<sup>1,9,16,18</sup> Equals *Delphax signifera* Boh. Equals *Delphax palliata* Burm. Equals *Delphax limbatus* Fabr. Equals *Delphax anceps* H.-S. Equals *Delphax pictipennis* Curt. Equals *Liburnia limbatus* Fabr. Equals *Nehigla* Amyot [non binom.] :xxiii. [Ecology.]  
 1897 *Conomelus limbata* Horváth, Rev. Ent. **16**: 94. [Comparative note.] Equals *Delphax limbata* Fabr.  
 1897 *Delphax limbatus* Griffini, Ent. Italiani **4**: 586. [Described.]  
 1897 *Conomelus limbatus* Horváth, Fauna Regni Hungariae :56. [Listed.]<sup>19</sup>  
 1897 *Delphax limbata* Acloque, Faune France :401. [Key.]<sup>7</sup>  
 1897 *Conomelus limbatus* Oudemans, De Nederlandsche Insecten **6**: 287. [Described.]  
 1899 *Conomelus limbatus* Marchal, Bull. Soc. Hist. Nat. Autun **11**: 589. [Listed.]<sup>7</sup>



*Conomelus*

- 1899 *Conomelus limbatus* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :107. [Listed.]<sup>9</sup>  
 Equals *Conomelus anceps* Germ. Equals *Conomelus palliatus* Boh. Equals *Conomelus signifer* [sic] Boh. Equals *Conomelus pictipennis* Curt.
- 1900 *Liburnia limbata* Hansen, Entomologist 33: 169. [Morphology.]
- 1900 *Conomelus limbatus* Lameere, Manuel Faune Belgique 2: 141. [Described.]<sup>14</sup>
- 1900 *Conomelus limbatus* Fokker, Tijdschr. Ent. 42: 25. [Listed.]<sup>20</sup> :14. [Listed.]<sup>1</sup>
- 1901 *Conomelus limbatus* Lambertie, Act. Soc. Linn. Bordeaux 56: 217 (89). [Listed.]<sup>7</sup>
- 1901 *Conomelus limbatus* Melichar, Ent. Jahrb. 1901: 42 (9). [Listed.]
- 1901 *Conomelus limbatus* Rubsaamen, Schr. Nat. Ges. Danzig [n. f.] 10: 146. [Listed.]<sup>1</sup>  
 Equals *Conomelus palliatus* Boh.
- 1901 *Conomelus limbatus* Schouteden, Ann. Soc. Ent. Belgique 45: 269. [Listed.]<sup>14</sup>
- 1902 *Conomelus limbatus* Cobelli, Cicadine Trentino :9. [Listed.]
- 1902 *Conomelus limbatus* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) 2: 222. [Listed.]<sup>7</sup>
- 1902 *Fulgora limbata* Sherborn, Index Animalium 1758-1800 1902: 536. [Listed.]
- 1903 *Conomelus limbatus* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 62 (22). [Listed.]<sup>4</sup>
- 1903 *Conomelus limbatus* Horváth, Ann. Mus. Nat. Hungarici 1: 27. [Listed.]<sup>21</sup>
- 1904 *Conomelus limbatus* Hüeber, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>1</sup> Equals *Conomelus anceps* Germ. Equals *Conomelus palliatus* Boh. Equals *Conomelus signifer* Boh. Equals *Conomelus pictipennis* Curt.
- 1906 *Conomelus limbatus* Matsumura, Schr. Nat. Ges. Danzig 11: 76. [Listed.]<sup>1</sup> Equals *Conomelus anceps* Germ.
- 1907 *Conomelus limbatus* Oshanin, Verz. Palaeark. Hemip 2 (2) :311. [Listed.]<sup>1,4,7,8,10,15,-17,18,19,20,22,23,24</sup> Equals *Delphax limbata* Fabr. Equals *Delphax anceps* Germ. Equals *Delphax signifer* Boh. Equals *Delphax palliata* Boh. Equals *Delphax pictipennis* Curt. Equals *Liburnia limbata* Sahlb.
- 1907 *Conomelus limbatus* Oshanin, Cat. Homop. St. Pétersbourg 1907: 245 (33). [Listed.]<sup>23</sup>
- 1907 *Liburnia limbata* Butler, Hemip. Hastings :56. [Listed.]<sup>5</sup> :49 [Notes.]<sup>5</sup>
- 1908 *Conomelus limbatus* Saunders and Edwards, Cat. British Hemiptera 1908: 15. [Listed.]<sup>17</sup>
- 1908 *Conomelus limbatus* Oshanin, Verz. Palaeark. Hemip. 2 (3) :452. [Listed.]<sup>14,30</sup>
- 1908 *Conomelus limbatus* Whittaker, Hemip.-Homop. Lancashire and Cheshire :22 [Listed.]<sup>5</sup> Equals *Liburnia [limbatus]* Fall.]
- 1910 *Conomelus limbatus* Lambertie, Misc. Ent. 18: 92. [Listed.]<sup>7</sup> Equals *Conomelus anceps* Germ. Equals *Conomelus palliatus* Boh. Equals *Conomelus signifer* Boh. Equals *Conomelus pictipennis* Curt.
- 1910 *Conomelus limbatus* Šulc, Sitzber. Kön. Böhmisches Ges. Wiss. 1910: 18. [Listed.]
- 1912 *Conomelus limbatus* Buchner, Arch. Prot. 26: 30. [Symbionts.]
- 1912 *Conomelus limbatus* Dahl, Beitr. Nat. 3: 372. [Ecology.] :436. [Key.]
- 1912 *Conomelus limbatus* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>9,20</sup> Equals *Conomelus anceps* Germ. Equals *Conomelus pictipennis* Curt. Equals *Conomelus signifer* [sic] Boh. Equals *Conomelus palliatus* Boh.
- 1912 *Conomelus limbatus* Schmidt, Stett. Ent. Zeit. 73: 149. [Notes.]<sup>1</sup>
- 1912 *Conomelus limbatus* Butler, Ent. Monthly Mag. 48: 189. [Listed.]<sup>26</sup>
- 1913 *Conomelus limbatus* Strand, Nyt. Mag. Naturv. 51: 274. [Listed.]<sup>1</sup>
- 1913 *Conomelus limbatus* Wagner, Zeits. Wiss. Insektenbiol. 9: 120-122. Figs. 1-5. [Biology, illustrated.]
- 1913 *Conomelus limbatus* Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]<sup>18</sup>
- 1915 *Conomelus limbatus* Jacobsen, Ent. Medd. 10: 319. [Listed.]<sup>25</sup>
- 1915 *Conomelus limbatus* Whittaker, Lancashire and Cheshire Nat. 1915: 159. [Listed.]<sup>5</sup>  
 [Food plants.]
- 1915 *Conomelus limbatus* Jensen-Haarup, Flora och Fauna 1915: 137; Figs. 14a, b. [Described, key, illustrated.]<sup>25</sup>
- 1917 *Delphacodes limbata* Muir, Proc. Hawaiian Ent. Soc. 3: 316. [Notes.]
- 1920 *Conomelus limbatus* Jensen-Haarup, Danmarks Fauna :44; Fig. 22. [Described, key, illustrated.]<sup>9,11,25</sup>

- 1920 *Conomelus limbatus* Tullgren and Wahlgren, Svenska Insekter 1920: 152; Fig. 104e. [Notes, illustrated.]<sup>8</sup>
- 1922 *Conomelus limbatus* Stichel, Int. Ent. Zeits. 16: 133. [Listed.]<sup>1</sup>
- 1923 *Delphax anceps* Sherborn, Index Animalium 2: 298. [Listed.]
- 1924 *Conomelus limbatus* Lindberg, Acta Soc. Fauna Flora Fennica 56: 46. [Listed.]<sup>10</sup>
- 1924 *Delphax limbata* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 18. [Listed.]
- 1924 *Asiraca limbata* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 18. [Listed.]
- 1924 *Conomelus limbatus* Šulc, Biol. Spisy 3: 68 (56); Figs. 55–56. [Symbionts, illustrated.] :75 (63). [Listed.] :81 (69). [Symbiont.]
- 1925 *Conomelus limbatus* Brown, Ent. Monthly Mag. 61: 63. [Listed.]<sup>26</sup>
- 1925 *Conomelus limbatus* Kupka, Mitt. Münchner Ent. Ges. 15: 111. [Listed.]<sup>1</sup>
- 1926 *Delphax (Conomelus) limbatus* Rémy-Perrier, Homop. Faune France 4: 93. [Key.]<sup>7</sup>
- 1927 *Conomelus limbatus* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 143 [Listed.]<sup>7</sup>
- 1927 *Delphax limbata* Sherborn, Index Animalium 14: 3564. [Listed.]
- 1927 *Asiraca limbata* Sherborn, Index Animalium 14: 3562. [Listed.]
- 1928 *Nehigla* Sherborn, Index Animalium 17: 4280. [Listed.] [nom binom.]
- 1928 *Conomelus limbatus* Brown, Ent. Monthly Mag. 64: 64. [Listed.]<sup>26</sup>
- 1928 *Conomelus limbatus* Filipieff, Guide to Insects :159. [Key.]
- 1928 *Conomelus limbatus* Ivanov, Mém. Acad. Sci. Ukraine 6: 197. [Listed.]<sup>23</sup>
- 1928 *Conomelus limbatus* Ivanov, Trav. Mus. Zool. 1928: 501. [Listed.]<sup>23</sup>
- 1929 *Conomelus limbatus* Brown, Ent. Monthly Mag. 65: 42. [Listed.]<sup>6</sup>
- 1929 *Delphax palliata* Sherborn, Index Animalium 19: 4693. [Listed.]
- 1929 *Delphax pictipennis* Sherborn, Index Animalium 20: 4950. [Listed.]
- 1930 *Conomelus limbatus* Britten, Check List Fauna Lancashire and Cheshire 1: 74. [Listed.]<sup>5</sup>
- 1930 *Delphax signifera* Sherborn, Index Animalium 24: 5956. [Listed.]
- 1932 *Conomelus limbatus* Enderlein, Fauna von Deutschland 1932: 193. [Listed.]<sup>1</sup>
- 1933 *Conomelus limbatus* Weber, Lehrbuch der Ent. :188; Fig. 176d. [Illustrated.]
- 1934 *Conomelus limbatus* Ossiannilsson, Ent. Tidskr. 55: 138. [Listed.]<sup>8</sup>
- 1934 *Conomelus limbatus* Thornley, Trans. Soc. British Ent. 1: 82. [Listed.]<sup>5</sup>
- 1935 *Conomelus limbatus* Karl, Dohrniana 14: 140. [Listed.]<sup>1</sup>
- 1935 *Conomelus limbatus* Halbert, Proc. R. Irish Acad. 42 [Sect. B] :310. [Listed.]<sup>8</sup>
- 1935 *Conomelus limbatus* Rapp, Beiträge zur Fauna Thüringens 1: 50. [Listed.]<sup>1</sup>
- 1935 *Conomelus limbatus* Haupt, Tierwelt Mitteleuropas 4 (3) :146; Fig. 276. [Key, illustrated.]<sup>2,9</sup>
- 1935 *Conomelus limbatus* Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 9. [Listed.]<sup>1</sup>
- 1937 *Conomelus limbatus* Kuntze, Arch. Nat. [n. f.] 6: 307–8, 330, 333, 341–2, 350, 356. [Ecology.]<sup>1</sup>
- 1938 *Conomelus limbatus* Nast, Fragm. Faun. Mus. Zool. Polonici 3: 233 (9). [Listed.]<sup>29</sup>
- 1939 *Conomelus limbatus* Hassan, Trans. Ent. Soc. London 89: 354. [Key.] :347, 348, 349, 350, 351, 352, 353, 357, 360; Figs. 4A–B, 9A–B. [Life history, illustrated.]<sup>5</sup> :346, 382. [Listed.]<sup>5</sup> :361, 365, 373, 375, 376, 377, 379, 381, 382. [Parasites.]
- brachypterus* Germar (var.). See *Conomelus anceps* Germar.
- lepidus* Boheman. See *Euconomelus lepidus* Boheman.
- limbatus* Fabricius. See *Conomelus anceps* Germar.
- palliatus* Boheman. See *Conomelus anceps* Germar.
- pictipennis* Curtis. See *Conomelus anceps* Germar.
- signifer* Boheman. See *Conomelus anceps* Germar.
- tricarinatus* Say. See *Stobaera tricarinata* Say.
- tristis* Boheman. See *Euconomelus lepidus* Boheman.

## Genus EUCONOMELUS Haupt

Orthotype *Delphax lepidus* 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 212.

*Euconomelus*

Type *Euconomelus lepidus* 1935 Haupt, Tierwelt Mitteleuropas 4 (3): 131.

- Euconomelus* 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 212. [gen. n.]  
 1935 Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 9. [Listed.]  
 1935 Haupt, Tierwelt Mitteleuropas 4 (3): 131. [Key.]:146. [Key to species.]  
 1937 Kuntze, Arch. Nat. [n. f.] 6: 356. [Listed.]  
 1938 China, Ent. Monthly Mag. 74: 197. [Listed.] Equals *Conomelus* Edw. [in part.]  
 1939 Neave, Nomenclator Zoologicus 2: 314. [Listed.]

**lepidus** Boheman

- 1847 *Delphax lepidus* Boheman, Öfv. Svenska Vet. Akad. Förh. 1847: 265. [n. sp.]<sup>1</sup> Sweden<sup>1</sup>  
 Finland<sup>2</sup>  
 1847 *Delphax lepidus* Boheman, Handl. Svenska Vet. Akad. 1847: 39. Europe<sup>3</sup>  
 [Described.]<sup>1</sup> Germany<sup>4</sup>  
 1847 *Delphax tristis* Boheman, Handl. Svenska Vet. Akad. 1847: 60. [n. sp.]<sup>1</sup> France<sup>5</sup>  
 Ireland<sup>6</sup>  
 1850 *Delphax lepidus* Schaum Allg. Encykl. Ersch und Gruber 51: 69. England<sup>7</sup>  
 [Listed.]<sup>1</sup> Switzerland<sup>8</sup>  
 1850 *Delphax tristis* Schaum, Allg. Encykl. Ersch und Gruber 51: 69. Scandinavia<sup>9</sup>  
 [Listed.]<sup>1</sup> Belgium<sup>10</sup>  
 1850 *Delphax tristis* Boheman, Handl. Svenska Vet. Akad. 1849: 259. Italy<sup>11</sup>  
 [Listed.]<sup>1</sup> British Isles<sup>12</sup>  
 1850 *Delphax lepidus* Boheman, Handl. Svenska Vet. Akad. 1849: 257. Hungary<sup>13</sup>  
 [Listed.]<sup>1</sup> Austria<sup>14</sup>  
 1851 *Delphax lepidus* Walker, List. Homop. British Mus. 2: 357. Russia<sup>15</sup>  
 [Listed.]<sup>1</sup> Yugoslavia<sup>16</sup>  
 1851 *Delphax tristis* Walker, List Homop. British Mus. 2: 358. [Listed.]<sup>1</sup> Caucasus<sup>17</sup>  
 1852 *Delphax tristis* Boheman, Handl. Svenska Vet. Akad. 1851: 118. Turkestan<sup>18</sup>  
 [Listed.]<sup>1</sup> Siberia<sup>19</sup>  
 1854 *Delphax lepidus* Stål, Öfv. Svenska Vet. Akad. Förh. 11: 192. [Described.]<sup>1</sup> Equals *Delphax tristis* Boh. Transcaucasia<sup>20</sup>  
 Central Europe<sup>21</sup>  
 1859 *Delphax lepidus* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup> Denmark<sup>22</sup>  
 1859 *Delphax tristis* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup> Netherlands<sup>23</sup>  
 1866 *Delphax lepidus* Fieber, Verh. Zool. Bot. Ges. Wien. 16: Pl. VIII; Fig. 36. [Illustrated.] Poland<sup>24</sup>  
 1868 *Delphax lepidus* Sahlberg, Not. Fennica [n. s.] 9 (9) :216. [Notes.]<sup>2</sup> Island<sup>25</sup>  
 Equals *Delphax tristis* Boh. :189. [Listed.]<sup>2</sup> Equals *Delphax tristis* Boh.  
 1868 *Delphax lepidus* Kirschbaum, Cicad. Wiesbaden :35. [Key.]<sup>4</sup>  
 1870 *Liburnia lepidus* Scott, Ent. Monthly Mag. 7: 27. [Key.]:71. [Comparative note.]  
 :75. [Listed.]<sup>2</sup>  
 1871 *Liburnia lepidus* Sahlberg, Not. Fennica [n. s.] 9 (12) :466. [Described.]<sup>1,2</sup> Equals  
*Delphax lepidus* Boh. Equals *Delphax tristis* Boh. :424. [Key.]:58. [Listed.]<sup>1,2</sup> :28, 39.  
 [Ecology.]  
 1872 *Liburnia lepidus* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>3</sup> Equals *Liburnia*  
*tristis* Boh.  
 1874 *Delphax lepidus* Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 84. [Listed.]<sup>4</sup>  
 1874 *Liburnia lepidus* Lethierry Cat. Hémip. Dept. du Nord Second Ed. :258 (54).  
 [Listed.]<sup>5</sup>  
 1875 *Delphax lepidus* Puton, Cat. Hémip. d'Europe 2 Ed. :120. [Listed.]<sup>3</sup> Equals *Delphax*  
*tristis* Boh.  
 1876 *Liburnia lepidus* Douglas and Scott, Cat. British Hemip. :68. [Listed.]<sup>12</sup> Equals  
*Delphax lepidus* Boh. Equals *Delphax tristis* Boh.  
 1878 *Delphax lepidus* Dale, History of Glanville's Wootton: 305. [Listed.]<sup>7</sup>  
 1879 *Liburnia lepidus* Fieber, Cicad. d'Europe Pt. 4: 96 (32). [Key.]<sup>1,4,8</sup> Equals *Delphax*  
*lepidus* Boh. Equals *Delphax tristis* Boh. :127 (63). [Key.]



- 1880 *Delphax lepida* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 56. [Listed.]<sup>5</sup>  
 1883 *Delphax lepidus* Puton, Rev. Ent. 2: 286. [Listed.]<sup>5</sup>  
 1884 *Delphax lepida* Mayr, Tabellen :21. [Listed.]<sup>4,5,8</sup>  
 1885 *Delphax lepida* Ivanoff, Liste des Cigales :89 (7). [Listed.]  
 1885 *Delphax lepidus* Ivanoff, Liste des Cigales :115 (33). [Key.]  
 1885 *Liburnia lepida* Reuter, Öfv. Finska Vet. Soc. Förh. 2: 28. [Listed.]<sup>19</sup>  
 1886 *Liburnia lepida* Edwards, Syn. British Homop.-Cicadina Pt. 1: 74. [Described.]<sup>12</sup>  
 Equals *Delphax lepida* Boh. Equals *Delphax tristis* Boh. :59. [Key.]  
 1886 *Delphax lepida* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed.: 73. [Listed.]<sup>4,5,9</sup>  
 Equals *Delphax tristis* Boh.  
 1886 *Delphax lepida* Then, Kat. Österreichischen Cicad. 1886: 15. [Listed.]<sup>8,14</sup>  
 1889 *Liburnia lepida* Edwards, Trans. Nat. Soc. Norwich 4: 705. [Listed.]<sup>7</sup>  
 1890 *Liburnia lepida* Buckton, Mon. British Cicidae 3: 65, 66. [Synopsis.]  
 1890 *Delphax lepida* Dominique, Ann. Soc. Acad. Loire-Inférieure 1890: 110 (26).  
 [Listed.]<sup>5</sup>  
 1890 *Liburnia lepida* Saunders and Edwards, Cat. British Hemiptera 1890: 12. [Listed.]<sup>12</sup>  
 1890 *Liburnia lepida* Buckton, Mon. British Cicidae 2: 37; Pl. 12, Figs. 1-4. [Described,  
 illustrated.]<sup>12</sup> Equals *Delphax lepida* Boh. Equals *Delphax tristis* Boh.  
 1891 *Liburnia lepida* Oshanin, Mém. Sect. caucasienne Soc. russe Geogr. 23 (1): 48.  
 [Listed.]<sup>15</sup>  
 1892 *Delphax lepida* Carpentier and Dubois, Mém. Soc. Linn. Nord France 8: 433. [Listed.]<sup>5</sup>  
 1892 *Delphax lepida* Coubeaux, Ann. Soc. Ent. Belgique 36: 34. (1) [Listed.]<sup>10</sup>  
 1892 *Delphax lepida* Dominique, Bull. Soc. Sci. Nat. Ouest France 2: 116. [Listed.]<sup>5</sup>  
 1893 *Delphax lepida* Bezzi, Bull. Soc. Ent. Italiana 25: 108 (28). [Listed.]<sup>11</sup>  
 1894 *Liburnia lepida* Edwards, Hemip.-Homop. British Islands Pt. 2: 53; Pl. 6, Figs. 5, 5a.  
 [Described, illustrated.]<sup>12</sup> :35. [Key.] :39. [Listed.]  
 1896 *Liburnia lepida* Melichar, Cicad. Mittel-Europa :84; Pl. 5, Figs. 26, 27. [Described,  
 illustrated.]<sup>3,4,14</sup> Equals *Delphax lepida* Boh. Equals *Delphax tristis* Boh. :72. [Key.]  
 1897 *Conomelus lepidus* Horváth, Fauna Regni Hungariae :56. [Listed.]<sup>13</sup>  
 1897 *Conomelus lepidus* Horváth, Rev. Ent. 16: 94. [Notes.] Equals *Delphax lepidus* Boh.  
 1898 *Delphax lepida* Dubois, Mém. Soc. Linn. Nord France 9: 235. [Listed.]<sup>5</sup>  
 1899 *Conomelus lepidus* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :107. [Listed.]<sup>2,4,5,9,14</sup>  
 Equals *Conomelus tristis* Boh.  
 1900 *Conomelus lepidus* Melichar, Wien. Ent. Zeit. 19: 45. [Listed.]<sup>19</sup>  
 1902 *Liburnia lepida* Cobelli, Cicadine Trentino :10. [Listed.]<sup>11</sup>  
 1903 *Conomelus lepidus* Horváth, Ann. Mus. Nat. Hungarici 1: 27. [Listed.]<sup>16</sup>  
 1904 *Conomelus lepidus* Hüeber, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>4</sup> Equals  
*Conomelus tristis* Boh. Equals *Delphax lepidus* Boh.  
 1906 *Conomelus lepidus* Matsumura, Schr. Nat. Ges. Danzig 11: 76. [Listed.]<sup>4</sup>  
 1907 *Conomelus lepidus* Oshanin, Verz. Palaeark. Hemip. 2 (2): 311. [Listed.]<sup>1,2,4,5,8,12,13,14,15,17,18,19,20</sup>  
 Equals *Delphax lepida* Boh. Equals *Liburnia lepida* Boh. Equals *Delphax tristis* Boh.  
 1907 *Conomelus lepidus* Oshanin, Cat. Homop. St. Pétersbourg 1907: 245 (33). [Listed.]  
 1908 *Conomelus lepidus* Saunders and Edwards, Cat. British Hemiptera 1908: 15.  
 [Listed.]<sup>12</sup>  
 1912 *Conomelus lepidus* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>17,18,19,21</sup> Equals  
*Conomelus tristis* Boh.  
 1912 *Conomelus lepidus* Schumacher, Ent. Rundsch. 29: 95. [Listed.]<sup>25</sup> Equals *Delphax lepidus* Boh.  
 1913 *Liburnia lepida* Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]<sup>14</sup>  
 1914 *Conomelus lepidus* Melichar, Mitt. Kaukasischen Mus. 8: 133 (7). [Listed.]<sup>17</sup>  
 1915 *Liburnia lepida* Jacobsen, Ent. Medd. 10: 320. [Listed.]<sup>22</sup>  
 1915 *Conomelus lepidus* Jensen-Haarup, Flora och Fauna 1915: 137. [Key, described.]<sup>22</sup>  
 Equals *Liburnia lepida* Boh.  
 1920 *Conomelus lepidus* Tullgren and Wahlgren, Svenska Insekter 1920: 152. [Notes.]<sup>1</sup>  
 1920 *Conomelus lepidus* Jensen-Haarup, Danmarks Fauna :44; Fig. 23. [Key, described,  
 illustrated.]<sup>3,9,17,18,19,22</sup> Equals *Liburnia lepida* Boh.



*Euconomelus*—*Pissonotus*

- 1922 *Liburnia lepida* MacGillavry, Ent. Berichten 6: 68. [Listed.]<sup>23</sup>  
 1922 *Conomelus lepidus*? Willcocks, Bull. Sultanic Agr. Soc. Tech. Sec. 1: 466. [Economics.]  
 1924 *Conomelus lepidus* Lindberg, Acta Soc. Fauna Flora Fennica 56: 46. [Listed.]<sup>2</sup>  
 1925 *Conomelus lepidus* Haupt, Mitt. Münchner Ent. Ges. 15: 18. [Listed.]<sup>4</sup>  
 1927 *Conomelus lepidus* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 143. [Listed.]<sup>5</sup>  
 1927 *Delphax lepida* Sherborn, Index Animalium 14: 3491. [Listed.]  
 1928 *Conomelus lepidus* Filipieff, Guide to Insects :159. [Key.]  
 1929 *Euconomelus lepidus* Haupt, Zool. Jahrb. Syst. Ökol. 58: 212. Equals *Conomelus lepidus* Boh.  
 1930 *Conomelus lepidus* Britten, Check List Fauna Lancashire and Cheshire 1: 74. [Listed.]<sup>7</sup>  
 1931 *Delphax tristis* Sherborn, Index Animalium 27: 6631. [Listed.]  
 1934 *Conomelus lepidus* Ossiannilsson, Ent. Tidskr. 55: 138. [Listed.]<sup>1</sup>  
 1934 *Conomelus lepidus* Thornley, Trans. Soc. British Ent. 1: 82. [Listed.]<sup>7</sup>  
 1935 *Conomelus lepidus* Halbert, Proc. R. Irish Acad. 42 [Sect. B]: 310. [Listed.]<sup>6</sup>  
 1935 *Euconomelus lepidus* Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 9. [Listed.]<sup>4</sup>  
 1935 *Euconomelus lepidus* Haupt, Tierwelt Mitteleuropas 4 (3): 146; Fig. 277. [Key, illustrated.] Equals *Liburnia lepida* Mel.  
 1937 *Euconomelus lepidus* Kuntze, Arch. Nat. [n. f.] 6: 307, 308, 330, 333, 356. [Ecology.]<sup>4</sup>  
 1938 *Euconomelus lepidus* Nast, Fragm. Faun. Mus. Zool. Polonici 3: 434 (4). [Listed.]<sup>24</sup>  
 1938 *Euconomelus lepidus* China, Ent. Monthly Mag. 74: 197. [Listed.]<sup>12</sup>

Genus **PISSONOTUS** Van Duzee

- Orthotype *Pissonotus marginatus* [n. sp.] 1897 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 236.  
 Type *Pissonotus marginatus* 1909 Van Duzee, Canadian Ent. 41: 384.  
 Type *Pissonotus marginatus* 1915 Muir, Canadian Ent. 47: 266.  
 Orthotype *Pissonotus marginatus* 1916 Van Duzee, Check List Hemiptera America :83.  
 Orthotype *Pissonotus marginatus* 1917 Van Duzee, Cat. Hemiptera America :767.  
 Type *Pissonotus marginatus* 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 247.  
 Orthotype *Pissonotus marginatus* 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. 82: 300.

- Pissonotus 1894 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 190. [Listed.] [nom. nud.]  
 1897 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 236. [gen. n.] :227. [Listed.] :228. [Key.] :258. [Comparative note.]  
 1900 Smith, Ins. New Jersey 1900: 89. [Listed.]  
 1902 Waterhouse, Index Zool. :290. [Listed.]  
 1903 Ball, Canadian Ent. 35: 323. [Comparative note.]  
 1904 Wirtner, Ann. Carnegie Mus. 3: 215. [Listed.]  
 1904 Swezey, Prelim. Cat. Fulgoridae North America 1904: 34. [Listed.]  
 1909 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 9: 199. [Comparative note.]  
 1909 Van Duzee, Canadian Ent. 41: 384. [Listed.]  
 1910 Smith, Rept. Ins. New Jersey 1910: 97. [Listed.]  
 1910 Osborn, Proc. Int. Zool. Congr. 7: 601 (1). [Polymorphism.]  
 1912 Spooner, Canadian Ent. 44: 239. [Comparative note.]  
 1914 Crawford, Mon. Delphacidae :593. To *Dicranotropis* Fieb. [error.]  
 1914 Van Duzee, Psyche 21: 165. [Distinct, notes.]

- 1915 Muir, Canadian Ent. **47**: 212, 266. [Listed.] :301. [Key.]  
 1916 Van Duzee, Check List Hemip. America :83. [Listed.]  
 1917 Muir, Proc. Hawaiian Ent. Soc. **3**: 325. [Listed.]  
 1917 Van Duzee, Cat. Hemip. America :767. [Listed.]  
 1920 Britton, Check-List Ins. Connecticut :47. [Listed.]  
 1920 Spooner, Ent. News **31**: 46. [Ecology.]  
 1922 Kershaw and Muir, Ann. Ent. Soc. America **15**: 208. [Morphology of genitalia.]  
 1923 Van Duzee, Fulgoridae Hemip. Connecticut :45. [Key.] :48. [Described, key to brachypterous forms.]  
 1923 Metcalf, Jour. Elisha Mitchell Soc. **38**: 170. [Key to species.]  
 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 11. [Notes.] :6. [Key.] :8. [Comparative note.]  
 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 19. [Listed.] :36. [Comparative note.]  
 1926 Ball, Florida Ent. **10**: 17. [Comparative note.]  
 1928 Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. **101**: 180. [Listed.]  
 1928 Ogilvie, Insects of Bermuda **1928**: 20. [Listed.]  
 1929 Muir, Ann. Mag. Nat. Hist. (10) **3**: 77. [Listed.]  
 1930 Johnson, Publ. Nantucket Maria Mitchell Assoc. **3** (2): 36. [Listed.]  
 1932 Brues and Melander, Class. Ins. :119. [Listed.]  
 1934 Schulze, Kükenthal and Heider, Nomenclator animalium **4** (19): 2697. [Listed.]  
 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands **14**: 234. [Key.] :247. [Listed.]  
 1938 Brimley, Insects of North Carolina **1938**: 102. [Listed.]  
 1938 Britton, Bull. Connecticut Geol. Nat. Hist. Surv. **60**: 22. [Listed.]  
 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 300. [Notes.]  
 1938 Osborn, Bull. Ohio Biol. Surv. **6**: 330. [Key.] :335. [Key to species.]  
 1940 Neave, Nomenclator Zoologicus **3**: 770 [Listed.]

*albicollis* Crawford [nec Motschulsky]. See *Pissonotus muiri* Metcalf.

### albovenosus Osborn

- 1929 *Pissonotus albovenosa* Osborn, Jour. Dept. Agr. Porto Rico **13**: 110. [Note.]<sup>1,2</sup> [nom. nud.] Puerto Rico<sup>1</sup> Mississippi<sup>2</sup>  
 1935 *Pissonotus albovenosus* Osborn, Sci. Surv. Porto Rico and Virgin Islands **14**: 247; Fig. 68. [n. sp., illustrated.]<sup>1,3</sup> Louisiana<sup>3</sup>  
 1936 *Pissonotus albovenosus* Wolcott, Jour. Agr. Univ. Puerto Rico **20**: 109; 1 Fig. [Listed, illustrated.]<sup>1</sup>

*aphidiodes*. Typographical error for *Pissonotus aphidioides* Van Duzee.

### aphidioides Van Duzee

- 1894 *Pissonotus aphidioides* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 190. [Listed.]<sup>1</sup> [nom. nud.] New York<sup>1</sup> Iowa<sup>2</sup>  
 1897 *Pissonotus aphidioides* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 239. [n. sp.]<sup>1</sup> :227. [Listed.] :236, 239. [Comparative notes.] Ohio<sup>3</sup> Eastern States<sup>4</sup>  
 1898 *Pissonotus aphidioides* Osborn, Contr. Iowa State Coll. Agr. Dept. Zool. Ent. **3**: 12. [Listed.]<sup>2</sup> Canada<sup>5</sup> Ontario<sup>6</sup>  
 1898 *Pissonotus aphidioides* Osborn, Proc. Iowa Acad. Sci. **5**: 235. [Listed.]<sup>2</sup> Massachusetts<sup>7</sup> Arizona<sup>8</sup>  
 1904 *Pissonotus aphidioides* Swezey, Prelim. Cat. Fulgoridae North America **1904**: 34. [Listed.]<sup>1,2,3</sup> Colorado<sup>9</sup> California<sup>10</sup>  
 1904 *Pissonotus aphidioides* [sic] Osborn, Ohio Nat. **4**: 100. [Listed.]<sup>3</sup> Alberta<sup>11</sup>  
 1914 *Pissonotus aphidioides* Van Duzee, Trans. San Diego Soc. Nat. Hist. **2**: 44. [Comparative note.] New Jersey<sup>12</sup>  
 1914 [*Dicranotropis*] *aphidioides* Crawford, Mon. Delphacidae :597, 600. [Comparative note.]

*Pissonotus*

- 1914 *Dicranotropis aphidioides* Crawford, Mon. Delphacidae :597. [Described.]<sup>7,8,9,10</sup>  
 Equals *Pissonotus aphidioides* Van Duz. :594. [Key.]
- 1916 *Pissonotus aphidioides* Van Duzee, Check List Hemip. America :83. [Listed.]<sup>4,5</sup>
- 1917 *Pissonotus aphidioides* Van Duzee, Cat. Hemip. America :768. [Listed.]<sup>1,2,3,6</sup> Equals  
*Dicranotropis aphidioides* Van Duz.
- 1923 *Pissonotus aphidioides* Metcalf, Jour. Elisha Mitchell Soc. **38**: 170; Pl. 46, Fig. 116;  
 Pl. 61, Fig. 439; Pl. 69, Fig. 668. [Key, illustrated.]
- 1923 *Pissonotus aphidioides* Van Duzee, Fulgoridae Hemip. Connecticut :49. [Key.] :50.  
 [Notes.]<sup>4</sup>
- 1924 *Pissonotus aphidioides* Weiss and West, Jour. New York Ent. Soc. **32**: 100. [Ecology.]<sup>12</sup>
- 1928 *Pissonotus aphidioides* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. **101**: 181.  
 [Listed.]<sup>1</sup>
- 1938 *Pissonotus aphidioides* Osborn, Bull. Ohio Biol. Surv. **6**: 335. [Key.] :337. [De-  
 scribed.]
- 1940 *Pissonotus aphidioides* [sic] Strickland, Canadian Ent. **72**: 88. [Listed.]<sup>11</sup>

*ater* Van Duzee

- 1894 *Pissonotus ater* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 190. New York<sup>1</sup>  
 [Listed.]<sup>1</sup> [nom. nud.] Iowa<sup>2</sup>
- 1897 *Pissonotus ater* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 237. [n. Ohio<sup>3</sup>  
 sp.]<sup>1</sup> :227. [Listed.] Washington,  
 D. C.<sup>4</sup>
- 1898 *Pissonotus ater* Osborn, Contr. Iowa State Coll. Agr. Dept. Zool. Florida<sup>5</sup>  
 Ent. **3**: 12. [Listed.]<sup>2</sup> Eastern States<sup>6</sup>
- 1898 *Pissonotus ater* Osborn, Proc. Iowa Acad. Sci. **5**: 235. [Listed.]<sup>2</sup> Eastern States<sup>6</sup>
- 1900 *Pissonotus ater* Osborn, Ann. Rept. Ohio St. Acad. Sci. **8**: 65. Connecticut<sup>7</sup>  
 [Listed.]<sup>3</sup>
- 1900 *Pissonotus ater* Osborn, Ohio Nat. **1**: 11. [Listed.]<sup>3</sup>
- 1904 *Pissonotus ater* Swezey, Prelim. Cat. Fulgoridae North America **1904**: 34.  
 [Listed.]<sup>1,2,3,4</sup>
- 1909 *Pissonotus ater* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **9**: 198. [Listed, comparative  
 note.]<sup>1,5</sup>
- 1914 *Pissonotus ater* Barber, Bull. American Mus. Nat. Hist. **33**: 528. [Listed.]<sup>5</sup>
- 1914 *Dicranotropis ater* Crawford, Mon. Delphacidae :600. [Listed.]<sup>1,2,3,4</sup> Equals *Pisso-*  
*notus ater* Van Duz. :594. [Key.]
- 1916 *Pissonotus ater* Van Duzee, Check List Hemip. America :83. [Listed.]<sup>6</sup>
- 1917 *Pissonotus ater* Van Duzee, Cat. Hemip. America :767. [Listed.]<sup>1,2,4,5</sup> Equals *Dicrano-*  
*tropis ater* Van Duz.
- 1920 *Pissonotus ater* Britton, Check-List Ins. Connecticut :47. [Listed.]<sup>7</sup>
- 1921 *Pissonotus ater* Osborn, Florida Ent. **5**: 18. [Listed.]<sup>5</sup>
- 1922 *Pissonotus ater* Osborn, Tech. Publ. New York St. Coll. For. **16**: 51. [Ecology.]<sup>1</sup>
- 1923 *Pissonotus ater* Metcalf, Jour. Elisha Mitchell Soc. **38**: 170; Pl. 61, Fig. 442; Pl. 69,  
 Fig. 671. [Key, illustrated.]
- 1923 *Pissonotus ater* Van Duzee, Fulgoridae Hemip. Connecticut :49. [Key, notes.]<sup>1,5,7</sup>
- 1928 *Pissonotus ater* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. **101**: 180. [Listed.]<sup>1</sup>
- 1938 *Pissonotus ater* Osborn, Bull. Ohio Biol. Surv. **6**: 335. [Key.] :336; Fig. 35g. [De-  
 scribed, illustrated.]<sup>1,2,5</sup>

*basalis* Van Duzee

- 1894 *Pissonotus basalis* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 190. New York<sup>1</sup>  
 [Listed.]<sup>1</sup> [nom. nud.] Texas<sup>2</sup>
- 1897 *Pissonotus basalis* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 238. Florida<sup>3</sup>  
 [n. sp.]<sup>1,2</sup> (?) :227 [Listed.] :236, 238, 239. [Comparative notes.] Southeastern  
 States<sup>4</sup>
- 1904 *Pissonotus basalis* Swezey, Prelim. Cat. Fulgoridae North Amer- Alberta<sup>5</sup>  
 ica **1904**: 34. [Listed.]<sup>1,2</sup>
- 1909 *Pissonotus basalis* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **9**: 198.  
 [Listed.]<sup>3</sup>

- 1912 *Pissonotus basalis* Spooner, Canadian Ent. **44**: 236. [Comparative note.]  
 1914 *Pissonotus basalis* Van Duzee, Psyche **21**: 165. [Distinct.]  
 1914 *Pissonotus basalis* Barber, Bull. American Mus. Nat. Hist. **33**: 528. [Listed.]<sup>3</sup>  
 1914 *Pissonotus basalis* Crawford, Mon. Delphacidae :596. To *Dicranotropis delicatus* Van Duz. [error.]  
 1914 *D[icranotropis] basalis* Crawford, Mon. Delphacidae :600. [Comparative note.]  
 1916 *Pissonotus basalis* Van Duzee, Check List Hemip. America :83. [Listed.]<sup>4</sup>  
 1917 *Pissonotus basalis* Van Duzee, Cat. Hemip. America :767. [Listed.]<sup>1,2 (2),3</sup>  
 1921 *Pissonotus basalis* Osborn, Florida Ent. **5**: 18. [Listed.]<sup>3</sup>  
 1923 *Pissonotus basalis* Metcalf, Jour. Elisha Mitchell Soc. **38**: 171; Pl. 69, Fig. 676; Pl. 61, Fig. 446. [Key, illustrated.]  
 1923 *Pissonotus basalis* Van Duzee, Fulgoridae Hemip. Connecticut :49.  
 1928 *Pissonotus basalis* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. **101**: 180. [Listed.]<sup>1</sup>  
 1940 *Pissonotus basalis* Strickland, Canadian Ent. **72**: 88. [Listed.]<sup>5</sup>

**belemensis** Muir

- 1926 *Pissonotus belemensis* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: Brazil<sup>1</sup>  
 19; Pl. 2, Figs. 43, 44. [n. sp., illustrated.]<sup>1</sup>  
 1929 *Pissonotus belemensis* Muir, Ann. Mag. Nat. Hist. (10) **3**: 78. [Listed.]<sup>1</sup>

**binotatus** Spooner

- 1912 *Pissonotus binotatus* Spooner, Canadian Ent. **44**: 239. [n. sp.]<sup>1</sup> Georgia<sup>1</sup>  
 1914 *Dicranotropis binotatus* Crawford, Mon. Delphacidae: 601. Southern States<sup>2</sup>  
 [Listed.]<sup>1</sup> Equals *Pissonotus binotatus* Spoon.  
 1916 *Pissonotus binotatus* Van Duzee, Check List Hemip. America :83. [Listed.]<sup>2</sup>  
 1917 *Pissonotus binotatus* Van Duzee, Cat. Hemip. America :767. [Listed.]<sup>1</sup> Equals  
*Dicranotropis binotatus* Spoon.  
 1920 *Pissonotus binotatus* Spooner, Ent. New **31**: 46. [Ecology.]<sup>1</sup>  
 1923 *Pissonotus binotatus* Metcalf, Jour. Elisha Mitchell Soc. **38**: 149. [Listed.]

**brazilensis** Muir

- 1926 *Pissonotus brazilensis* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: Brazil<sup>1</sup>  
 19; Pl. 2, Fig. 45. [n. sp., illustrated.]<sup>1,2</sup> Ecuador<sup>2</sup>

**brunneus** Van Duzee

- 1894 *Pissonotus brunneus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: New York<sup>1</sup>  
 190. [Listed.]<sup>1</sup> [nom. nud.] Iowa<sup>2</sup>  
 1897 *Pissonotus brunneus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: New Jersey<sup>3</sup>  
 239. [n. sp.]<sup>1</sup> :227. [Listed.] :236, 258. [Comparative note.] Pennsylvania<sup>4</sup>  
 1898 *Pissonotus brunneus* Osborn, Contr. Iowa State Coll. Agr. Dept. Ohio<sup>5</sup>  
 Zool. Ent. **3**: 12. [Listed.]<sup>2</sup> Florida<sup>6</sup>  
 1898 *Pissonotus brunneus* Osborn, Proc. Iowa Acad. Sci. **5**: 235. North Carolina<sup>7</sup>  
 [Listed.]<sup>2</sup> Eastern States<sup>8</sup>  
 1900 *Pissonotus brunneus* Smith, Ins. New Jersey **1900**: 89. [Listed.]<sup>1</sup> Ontario<sup>9</sup>  
 1904 *Pissonotus brunneus* Wirtner, Ann. Carnegie Mus. **3**: 215. [Listed.]<sup>4</sup> Massachusetts<sup>10</sup>  
 1904 *Pissonotus brunneus* Swezey, Prelim. Cat. Fulgoridae North Georgia<sup>11</sup>  
 America **1904**: 35. [Listed.]<sup>1,2,5</sup> Canada<sup>12</sup>  
 1909 *Pissonotus brunneus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **9**: Connecticut<sup>13</sup>  
 198. [Listed.]<sup>6</sup> Alberta<sup>14</sup>  
 1910 *Pissonotus brunneus* Smith, Rept. Ins. New Jersey **1910**: 97.  
 [Listed.]<sup>1</sup>  
 1912 *Pissonotus brunneus* Spooner, Canadian Ent. **44**: 238. [Comparative note.]  
 1914 *Pissonotus brunneus* Barber, Bull. American Mus. Nat. Hist. **33**: 528. [Listed.]<sup>6</sup>  
 1914 *Dicranotropis brunneus* Crawford, Mon. Delphacidae :599; Pl. 46, Fig. K. [De-  
 scribed, illustrated.]<sup>4</sup> Equals *Pissonotus brunneus* Van Duzee. :594. [Key.]  
 1915 *Pissonotus brunneus* Metcalf, Jour. Elisha Mitchell Soc. **31**: 44 (12). [Listed.]<sup>7</sup>



*Pissonotus*

- 1916 *Pissonotus brunneus* Van Duzee, Check List Hemip. America :88. [Listed.]<sup>8</sup>  
 1917 *Pissonotus brunneus* Van Duzee, Cat. Hemip. America :768. [Listed.]<sup>1,2,3,4,5,6,7,9,10</sup>  
 Equals *Dicranotropis brunneus* Van Duz.  
 1920 *Pissonotus brunneus* Spooner, Ent. News. **31** : 44, 45. [Ecology.]<sup>1,11</sup>  
 1920 *Phyllodinus brunneus* Spooner, Ent. News. **31** : 46. [Ecology.]<sup>11</sup>  
 1921 *Pissonotus brunneus* Osborn, Florida Ent. **5** : 18. [Listed.]<sup>6</sup>  
 1923 *Pissonotus brunneus* Metcalf, Jour. Elisha Mitchell Soc. **38** : 170; Pl. 61, Fig. 440; Pl. 69, Fig. 669. [Key, illustrated.]  
 1923 *Pissonotus brunneus* Van Duzee, Fulgoridae Hemip. Connecticut :49. [Key.] :50. [Notes.]<sup>8,12,13</sup>  
 1926 *Pissonotus brunneus* Ball, Florida Ent. **10** : 17. [Comparative note.]  
 1928 *Pissonotus brunneus* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. **101** : 181. [Listed.]<sup>9</sup>  
 1937 *Pissonotus brunneus* Strickland, Canadian Ent. **69** : 94, 95. [Listed.]<sup>4</sup>  
 1938 *Pissonotus brunneus* Brimley, Insects of North Carolina **1938** : 102. [Listed.]<sup>7</sup>  
 1938 *Pissonotus brunneus* Britton, Bull. Connecticut Geol. Nat. Hist. Surv. **60** : 22. [Listed.]<sup>3</sup>  
 1938 *Pissonotus brunneus* Osborn, Bull. Ohio Biol. Surv. **6** : 335. [Key.] :337. [Described.]<sup>6</sup>

*crawfordi* Metcalf

- 1914 *Dicranotropis marginatus* [nec Van Duzee] Crawford, Mon. Delphacididae :596; Pl. 46, Figs. P, Q. [Described, illustrated.] :594. [Key.]  
 1923 *Pissonotus crawfordi* Metcalf, Jour. Elisha Mitchell Soc. **38** : 148. nom. nov. for *Dicranotropis marginatus* Crawf. [nec Van Duzee] :170; Pl. 69, Fig. 674. [Key, illustrated.]

*delicatus* Van Duzee

- 1897 *Pissonotus delicatus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5** : 237. [n. sp.] :227. [Listed.]  
 1904 *Pissonotus delicatus* Swezey, Prelim. Cat. Fulgoridae North America **1904** : 35. [Listed.]<sup>1</sup>  
 1907 *Pissonotus delicatus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **8** : 44. [Notes.]<sup>1,2,3,4,5,6</sup>  
 1909 *Pissonotus delicatus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **9** : 198. [Notes, comparative note.]<sup>7</sup>  
 1910 *Pissonotus delicatus* Smith, Rept. Ins. New Jersey **1910** : 97. [Listed.]<sup>4</sup>  
 1912 *Pissonotus delicatus* Spooner, Canadian Ent. **44** : 234. [Comparative note]  
 1914 *Dicranotropis delicatus* Crawford, Mon. Delphacididae :598, 600, 611. [Comparative note.]  
 1914 *Pissonotus delicatus* Van Duzee, Trans. San Diego Soc. Nat. Hist. **2** : 44. [Listed.]<sup>1</sup>  
 1914 *Pissonotus delicatus* Van Duzee, Psyche **21** : 165. [Distinct.]  
 1914 *Pissonotus delicatus* Barber, Bull. American Mus. Nat. Hist. **33** : 528. [Listed.]<sup>7</sup>  
 1914 *Dicranotropis delicatus* Crawford, Mon. Delphacididae: 596. [Described.]<sup>3,10,11,12</sup>  
 Equals *Pissonotus delicatus* Van Duz. Equals *Pissonotus basalis* Van Duz. [error.] :594. [Key.]  
 1916 *Pissonotus delicatus* Van Duzee, Check List Hemip. America :83. [Listed.]<sup>9</sup>  
 1917 *Pissonotus delicatus* Van Duzee, Cat. Hemip. America :768. [Listed.]<sup>1,2,3,4,5,6,7</sup> Equal *Dicranotropis delicatus* Van Duz.  
 1921 *Pissonotus delicatus* Osborn, Florida Ent. **5** : 18. [Listed.]<sup>7</sup>  
 1923 *Pissonotus delicatus* Metcalf, Jour. Elisha Mitchell Soc. **38** : 171; Pl. 61, Fig. 447; Pl. 69, Fig. 677. [Key, illustrated.]  
 1923 *Pissonotus delicatus* Van Duzee, Fulgoridae Hemip. Connecticut :49. [Key.] :50. [Notes.]<sup>1,4</sup>

- 1928 *Pissonotus delicatus* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. **101**: 180. [Listed.]<sup>1</sup>  
 1928 *Pissonotus delicatus* Ogilvie, Insects of Bermuda **1928**: 20. [Listed.]<sup>15</sup>  
 1930 *Pissonotus delicatus* Hendrickson, Iowa State Coll. Jour. Sci. **4**: 90. [Ecology.]<sup>13</sup>  
 1938 *Pissonotus delicatus* Brimley, Insects of North Carolina **1938**: 102. [Listed.]<sup>18</sup>  
 1938 *Pissonotus delicatus* Osborn, Bull. Ohio Biol. Surv. **6**: 335. [Key.] :336. [Described.]<sup>1,4,16</sup>

**delicatus var. melanurus** Van Duzee

- 1917 *Pissonotus delicatus melanurus* Van Duzee, Proc. California Acad. California<sup>1</sup>  
 Sci. **7**: 311. [Described.]<sup>1</sup> [n. var.]

**divaricatus** Spooner

- 1912 *Pissonotus divaricatus* Spooner, Canadian Ent. **44**: 236. [n. sp.]<sup>1</sup> New York<sup>1</sup>  
 1914 *Dicranotropis divaricatus* Crawford, Mon. Delphacidae :600. Eastern States<sup>2</sup>  
 [Listed.]<sup>1</sup> Equals *Pissonotus divaricatus* Spoon.  
 1916 *Pissonotus divaricatus* Van Duzee, Check List Hemip. America :83. [Listed.]<sup>2</sup>  
 1917 *Pissonotus divaricatus* Van Duzee, Cat. Hemip. America :767. [Listed.]<sup>1</sup> Equals  
*Dicranotropis divaricatus* Spoon.  
 1920 *Pissonotus divaricatus* Spooner, Ent. News **31**: 44. [Ecology.]<sup>1</sup>  
 1923 *Pissonotus divaricatus* Metcalf, Jour. Elisha Mitchell Soc. **38**: 149. [Listed.]  
 1928 *Pissonotus divaricatus* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. **101**: 180.  
 [Listed.]<sup>1</sup>

**dorsalis** Van Duzee

- 1894 *Pissonotus dorsalis* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 190. New York<sup>1</sup>  
 [Listed.]<sup>1</sup> [nom. nud.] Ohio<sup>2</sup>  
 1897 *Pissonotus dorsalis* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 239. Eastern States<sup>3</sup>  
 [n. sp.]<sup>1</sup> :227. [Listed.] Maine<sup>4</sup>  
 1904 *Pissonotus dorsalis* Swezey, Prelim. Cat. Fulgoridae North America **1904**: 35. [Listed.]<sup>1,2</sup>  
 1904 *Pissonotus dorsalis* Osborn, Ohio Nat. **4**: 100. [Listed.]<sup>2</sup>  
 1905 *Pissonotus dorsalis* Van Duzee, Bull. New York State Mus. **97**: 553. [Listed.]  
 1914 *Dicranotropis dorsalis* Crawford, Mon. Delphacidae :599. [Described.]<sup>1</sup> Equals *Pissonotus dorsalis* Van Duz. :594. [Key.]  
 1916 *Pissonotus dorsalis* Van Duzee, Check List Hemip. America :83. [Listed.]<sup>3</sup>  
 1917 *Pissonotus dorsalis* Van Duzee, Cat. Hemip. America :768. [Listed.]<sup>1,2</sup> Equals *Dicranotropis dorsalis* Van Duz.  
 1918 *Pissonotes* [sic] *dorsalis* Fenton, Ohio Jour. Sci. **18**: 189. [Parasites.]<sup>4</sup>  
 1922 *Pissonotus dorsalis* Osborn, Tech. Publ. New York St. Coll. For. **16**: 51. [Ecology.]<sup>2</sup>  
 1923 *Pissonotus dorsalis* Metcalf, Jour. Elisha Mitchell Soc. **38**: 170; Pl. 46, Fig. 117; Pl. 61, Fig. 441; Pl. 69, Fig. 670. [Key, illustrated.]  
 1923 *Pissonotus dorsalis* Van Duzee, Fulgoridae Hemip. Connecticut :49. [Key.] :50. [Notes.]<sup>1,2</sup>  
 1926 *Pissonotus dorsalis* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 19. [Comparative note.]  
 1928 *Pissonotus dorsalis* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. **101**: 180. [Listed.]<sup>1</sup>  
 1938 *Pissonotus dorsalis* Osborn, Bull. Ohio Biol. Surv. **6**: 335. [Key.] :337; Fig. 35f. [Described, illustrated.]<sup>2</sup>

**equadorensis** Muir

- 1926 *Pissonotus equadorensis* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: Ecuador<sup>1</sup>  
 19; Pl. 2. Figs. 46, 47. [n. sp. illustrated.]<sup>1</sup>  
 1929 *Pissonotus equadorensis* Muir, Ann. Mag. Nat. Hist. (10) **3**: 78. [Listed.]<sup>1</sup>  
 1930 *Pissonotus equadorensis* Muir, Ent. Tidskr. **51**: 214. [Listed.]

*foveatus* Spooner. See *Pissonotus quadripustulatus* Van Duzee.

*Pissonotus***frontalis** Crawford

- 1914 *Dicranotropis frontalis* Crawford, Mon. Delphacidae :597; Pl. 46, California<sup>1</sup>  
Fig. L. [n. sp., illustrated.]<sup>1,2</sup> :594. [Key.] Oregon<sup>2</sup>
- 1914 [*Dicranotropis frontalis*] Crawford, Mon. Delphacidae :600. [Com- Pacific States<sup>3</sup>  
parative note.]
- 1914 *Pissonotus frontalis* Van Duzee, Trans. San Diego Soc. Nat. Hist. 2: 44. [Notes.]<sup>1</sup>
- 1916 *Pissonotus frontalis* Van Duzee, Check List Hemip. America :83. [Listed.]<sup>3</sup>
- 1917 *Pissonotus frontalis* Van Duzee, Proc. California Acad. Sci. 7: 312. [Notes.]<sup>1</sup>
- 1917 *Pissonotus frontalis* Van Duzee, Cat. Hemip. America :768. [Listed.]<sup>2</sup> Equals  
*Dicranotropis frontalis* Crawf.
- 1922 *Pissonotus frontalis* Kershaw and Muir, Ann. Ent. Soc. America 15: 208; Pl. 13,  
Fig. 20. [Genitalia, illustrated.]

**fulvus** Metcalf

- 1923 *Pissonotus fulvus* Metcalf, Jour. Elisha Mitchell Soc. 38: 206; Pl. Illinois<sup>1</sup>  
61, Fig. 448; Pl. 69, Fig. 678. [n. sp., illustrated.]<sup>1</sup> :171. [Key.] :150. Texas<sup>2</sup>  
[Listed.]
- 1927 *Pissonotus fulvus* Frison, Bull. Illinois Nat. Hist. Surv. 16: 154. [Listed.]<sup>2</sup>

**giffardi** Van Duzee

- 1925 *Pissonotus giffardi* Van Duzee, Proc. California Acad. Sci. (4) 14: California<sup>1</sup>  
407. [n. sp.]<sup>1</sup>

**guttatus** Spooner

- 1912 *Pissonotus guttatus* Spooner, Canadian Ent. 44: 233. [n. sp.]<sup>1</sup> New York<sup>1</sup>
- 1914 *Dicranotropis guttatus* Crawford, Mon. Delphacidae: 600. [Notes.]<sup>1</sup> Eastern States<sup>2</sup>  
Equals *Pissonotus guttatus* Spoon. Ontario<sup>3</sup>
- 1916 *Pissonotus guttatus* Van Duzee, Check List Hemip. America :83. Washington  
[Listed.]<sup>2</sup> D. C. <sup>4</sup>
- 1917 *Pissonotus guttatus* Van Duzee, Cat. Hemip. America :768. Florida<sup>5</sup>  
[Listed.]<sup>1,3,4</sup> Equals *Dicranotropis guttatus* Spoon. Ohio<sup>6</sup>
- 1923 *Pissonotus guttatus* Van Duzee, Fulgoridae Hemip. Connecticut :49 [Key.] :50.  
[Notes.]<sup>3,5</sup>
- 1923 *Pissonotus guttatus* Metcalf, Jour. Elisha Mitchell Soc. 38: 170; Pl. 39, Fig. 21; Pl.  
61, Fig. 445; Pl. 69, Fig. 675. [Key, illustrated.]
- 1928 *Pissonotus guttatus* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 180. [Listed.]<sup>1</sup>
- 1938 *Pissonotus guttatus* Osborn, Bull. Ohio Biol. Surv. 6: 335. [Key.] :337. [Described.]<sup>6</sup>

**haywardi** Muir

- 1929 *Pissonotus haywardi* Muir, Ann. Mag. Nat. Hist. (10) 3: 77; Figs. Argentina<sup>1</sup>  
5, 6. [n. sp., illustrated.]<sup>1</sup> Para<sup>2</sup> (Brazil)
- 1930 *Pissonotus haywardi* Muir, Ent. Tidskr. 41: 213. [Listed.]<sup>1,2</sup>

**marginatus** Van Duzee

- 1894 *Pissonotus marginatus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: New York<sup>1</sup>  
190. [Listed.]<sup>1</sup> [nom. nud.] Iowa<sup>2</sup>
- 1897 *Pissonotus marginatus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: Ohio<sup>3</sup>  
236. [n. sp.]<sup>1</sup> :227. [Listed.] :236, 237, 238. [Comparative notes.] Pennsylvania<sup>4</sup>
- 1898 *Pissonotus marginatus* Osborn, Contr. Iowa State Coll. Agr. Dept. Quebec<sup>5</sup>  
Zool. Ent. 3: 12. [Listed.]<sup>2</sup> Florida<sup>6</sup>
- 1898 *Pissonotus marginatus* Osborn, Proc. Iowa Acad. Sci. 5: 235. Alberta<sup>7</sup>  
[Listed.]<sup>2</sup> United States<sup>8</sup>
- 1904 *Pissonotus marginatus* Swezey, Prelim. Cat. Fulgoridae North Canada<sup>9</sup>  
America 1904: 35. [Listed.]<sup>1,2,3</sup> Ontario<sup>10</sup>

- 1904 *Pissonotus marginatus* Wirtner, Ann. Carnegie Mus. 3: 215. California<sup>11</sup>  
[Listed.]<sup>4</sup>
- 1907 *Pissonotus* [sic] *marginatus* Fletcher and Gibson, Ann. Rept. Ent. Soc. Ontario 37: 102. [Listed.]<sup>5</sup>
- 1907 *Pissonotus marginatus* Moore, Canadian Ent. 39: 189. [Listed.]<sup>5</sup>
- 1909 *Pissonotus marginatus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 9: 198. [Listed.]<sup>6</sup>
- 1910 *Pissonotus marginatus* Gibson, Ann. Rept. Ent. Soc. Ontario 40: 124. [Listed.]<sup>6</sup>
- 1912 *Pissonotus marginatus* Spooner, Canadian Ent. 44: 239, 240. [Comparative note.]
- 1914 [*Dicranotropis*] *marginatus* Crawford, Mon. Delphacidae :599. [Comparative note.]
- 1914 *Dicranotropis marginatus* Crawford, Mon. Delphacidae :596. Equals *Pissonotus marginatus* Van Duz.
- 1914 *Pissonotus marginatus* Van Duzee, Trans. San Diego Soc. Nat. Hist. 2: 44. [Listed.]<sup>11</sup>
- 1914 *Pissonotus marginatus* Barber, Bull. American Mus. Nat. Hist. 33: 528. [Listed.]<sup>6</sup>
- 1916 *Pissonotus marginatus* Van Duzee, Check List Hemip. America :83. [Listed.]<sup>8,9</sup>
- 1917 *Pissonotus marginatus* Van Duzee, Cat. Hemip. America :767. [Listed.]<sup>1,2,3,4,5,6,10,11</sup>  
Equals *Dicranotropis marginatus* Van Duz.
- 1920 *Pissonotus marginatus* Spooner, Ent. News 31: 44. [Ecology.]<sup>1</sup>
- 1921 *Pissonotus marginatus* Osborn, Florida Ent. 5: 18. [Listed.]<sup>6</sup>
- 1923 *Pissonotus marginatus* Metcalf, Jour. Elisha Mitchell Soc. 38: 170; Pl. 61, Fig. 443; Pl. 69, Fig. 672. [Key, illustrated.]
- 1923 *Pissonotus marginatus* Van Duzee, Fulgoridae Hemip. Connecticut :49. [Key notes.]<sup>8,9</sup>
- 1928 *Pissonotus marginatus* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 180. [Listed.]<sup>1</sup>
- 1937 *Pissonotus marginatus* Strickland, Canadian Ent. 69: 95. [Listed.]<sup>7</sup>
- 1938 *Pissonotus marginatus* Osborn, Bull. Ohio Biol. Surv. 6: 335. [Key.] :336; Fig. 37. [Described, illustrated.]<sup>8,8,9</sup>
- marginatus* Crawford [1914] [nec *Pissonotus marginatus* Van Duzee 1897.] See *Pissonotus crawfordi* Metcalf.

**megalostylus** Muir

- 1919 *Pissonotus megalostylus* Muir, Canadian Ent. 51: 36; Figs. 8, 8A. British Guiana<sup>1</sup>  
[n. sp., illustrated.]<sup>1</sup>
- 1926 *Pissonotus megalostylus* Muir, Bull. Hawaiian Sugar. Pl. Assoc. 18: 37. [Listed.]
- melanurus* Van Duzee (var.). See *Pissonotus delicatus* var. *melanurus* Van Duzee.
- metzaria* Crawford. See *Megamelus metzaria* Crawford.

**muiri** nom. nov. for *Pissonotus albicollis* Crawford [nec Motschulsky.]

- 1914 *Megamelus albicollis* Crawford, Mon. Delphacidae :613. [De- Nicaragua<sup>1</sup>  
scribed.]<sup>1</sup> :605. [Key.]
- 1924 *Pissonotus* [*albicollis*] Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 1  
[note.] Equals *Megamelus albicollis* Crawf. [nec Motsch.]

**nigradorsum** Metcalf

- 1923 *Pissonotus nigradorsum* Metcalf, Jour. Elisha Mitchell Soc. 38: Pennsylvania<sup>1</sup>  
206; Pl. 61, Fig. 449; Pl. 69, Fig. 679. [n. sp., illustrated.]<sup>1</sup> :171  
[Key.] :150. [Listed.]

**pallipes** Van Duzee

- 1895 *Pissonotus pallipes* Gillette and Baker, Hemip. Colorado :69. Colorado<sup>1</sup>  
[Listed.]<sup>1</sup> [nom. nud.] California<sup>2</sup>
- 1897 *Pissonotus pallipes* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 238. New Hampshire<sup>3</sup>  
[n. sp.]<sup>1,2</sup> :227. [Listed.] Pennsylvania<sup>4</sup>



*Pissonotus*

- 1897 *Pissonotus pallipes* Baker, Ent. News 8: 53. [nom. nud.] Florida<sup>5</sup>  
 1904 *Pissonotus pallipes* Swezey, Prelim. Cat. Fulgoridae North United States<sup>6</sup>  
 America 1904: 35. [Listed.]<sup>1,2,3</sup> New York<sup>7</sup>  
 1904 *Pissonotus pallipes* Wirtner, Ann. Carnegie Mus. 3: 215. [Listed.]<sup>4</sup> Mississippi<sup>8</sup>  
 1907 *Pissonotus pallipes* Tucker, Bull. Kansas Univ. Sci. Bull. 4: 65. Kansas<sup>9</sup>  
 [Listed.]<sup>1</sup> Alabama<sup>10</sup>  
 1912 *Pissonotus pallipes* Spooner, Canadian Ent. 44: 235. [Comparative note.] Ohio<sup>11</sup>  
 Massachusetts<sup>12</sup>  
 1914 *Pissonotus pallipes* Barber, Bull. American Mus. Nat. Hist. 33: 528. [Listed.]<sup>5</sup>  
 1914 *Dicranotropis pallipes* Crawford, Mon. Delphacidae: 599; Pl. 46, Fig. R. [Described, Illustrated.]<sup>1,4,10</sup> Equals *Pissonotus pallipes* Van Duz. :594. [Key.]  
 1914 [*Dicranotropis*] *pallipes* Crawford, Mon. Delphacidae :599. [Comparative note.]  
 1916 *Pissonotus pallipes* Van Duzee, Check List Hemip. America :83. [Listed.]<sup>6</sup>  
 1917 *Pissonotus pallipes* Van Duzee, Cat. Hemip. America :767. [Listed.]<sup>1,2,3,4,5,7,8,9</sup>  
 Equals *Dicranotropis pallipes* Van Duz.  
 1921 *Pissonotus pallipes* Osborn, Florida Ent. 5: 18. [Listed.]<sup>5</sup>  
 1923 *Pissonotus pallipes* Metcalf, Jour. Elisha Mitchell Soc. 38: 170; Pl. 61. Fig. 444; Pl. 69, Fig. 673. [Key. illustrated.]  
 1923 *Pissonotus pallipes* Van Duzee, Fulgoridae Hemip. Connecticut :49. [Key, notes.]  
 1930 *Pissonotus pallipes* Johnson, Publ. Nantucket Maria Mitchell Assoc. 3 (2): 36 [Listed.]<sup>12</sup>  
 1938 *Pissonotus pallipes* Osborn, Bull. Ohio Biol. Surv. 6: 335. [Key.] :336. [Described.]<sup>11</sup>

*piceus* Spooner. See *Phyllodictus flabellatus* Ball.

*pylaon* Kirkaldy

- 1907 *Delphax pylaon* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 160; Queensland<sup>1</sup>  
 Pl. 15, Figs. 12-14. [n. sp., illustrated.]<sup>1</sup> :150. [Key.] :13. [Listed.] Formosa<sup>2</sup>  
 1917 *Pissonotus pylaon* Muir, Proc. Hawaiian Ent. Soc. 3: 325. Philippine Islands<sup>3</sup>  
 [Notes.]<sup>1,2,3,4</sup> Equals *Delphax pylaon* Kirk. Java<sup>4</sup>

*quadripustulatus* Van Duzee

- 1909 *Stobaera 4-pustulata* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 9: Florida<sup>1</sup>  
 200. [n. sp.]<sup>1</sup> Texas<sup>2</sup>  
 1912 *Pissonotus variegatus* Spooner, Canadian Ent. 44: 235. [n. sp.]<sup>2</sup> Southern States<sup>3</sup>  
 1912 *Pissonotus foveatus* Spooner, Canadian Ent. 44: 234. [n. sp.]<sup>2</sup>  
 1914 *Dicranotropis variegatus* Crawford, Mon. Delphacidae :600. [Listed.]<sup>2</sup> Equals *Pissonotus variegatus* Spoon.  
 1914 *Dicranotropis foveatus* Crawford, Mon. Delphacidae: 600. [Listed.]<sup>2</sup> Equals *Pissonotus foveatus* Spoon.  
 1914 *Stobaera quadripustulata* Crawford, Mon. Delphacidae: 576. [Listed.]<sup>1</sup> :572. [Key.]  
 1914 *Stobaera 4-pustulata* Van Duzee, Psyche 21: 164. Equals *Archorotile foveata* Spoon. [error].  
 1914 *Stobaera quadripustulata* Barber, Bull. American Mus. Nat. Hist. 33: 529. [Listed.]<sup>1</sup>  
 1916 *Stobaera quadripustulata* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>3</sup>  
 Equals *Stobaera foveatus* Spoon.  
 1916 *Pissonotus variegatus* Van Duzee, Check List Hemip. America :83. [Listed.]<sup>3</sup>  
 1917 *Stobaera 4-pustulata* Van Duzee, Cat. Hemip. America :772. [Listed.]<sup>1,2</sup> Equals *Dicranotropis foveatus* Spoon. Equals *Pissonotus foveatus* Spoon.  
 1917 *Pissonotus variegatus* Van Duzee, Cat. Hemip. America :768. [Listed.]<sup>2</sup> Equals *Dicranotropis variegatus* Spoon.  
 1921 *Stobaera quadripustulata* Osborn, Florida Ent. 5: 18. [Listed.]<sup>1</sup>  
 1923 *Pissonotus quadripustulatus* Metcalf, Jour. Elisha Mitchell Soc. 38: 170; Pl. 46, Fig. 115; Pl. 61, Fig. 438; Pl. 65, Fig. 556; Pl. 69, Fig. 667. [Key. illustrated.] :148.

Equals *Pissonotus foveatus* Spoon. Equals *Pissonotus variegatus* Spoon. Equals *Stobaera quadripustulata* Van Duz.

1924 [*Pissonotus quadripustulatus*] Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 7, 11. Equals *Stobaera quadripustulata* Van Duz.

### **speciosus** Metcalf

1923 *Pissonotus speciosus* Metcalf, Jour. Elisha Mitchell Soc. 38: 205; Massachusetts<sup>1</sup> Pl. 40, Fig. 32; Pl. 61, Fig. 450; Pl. 69, Fig. 680. [n. sp., illustrated.]<sup>1</sup> :171. [Key.] :150. [Listed.]

### **striolus** Osborn

1935 *Pissonotus striolus* Osborn, Sci. Surv. Porto Rico and Virgin Puerto Rico<sup>1</sup> Islands 14: 247. [n. sp.]<sup>1</sup>

*variegatus* Spooner. See *Pissonotus quadripustulatus* Van Duzee.

## Genus **EUIDELLOIDES** Muir

Orthotype *Euidelloides montana* [n. sp.] 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 16.

Euidelloides 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 16. [gen. n.]  
1939 Neave, Nomenclator Zoologicus 2: 328. [Listed.]

### **montanus** Muir

1926 *Euidelloides montana* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: Ecuador<sup>1</sup> 17; Pl. 2, Figs. 34, 35. [n. sp., illustrated.]<sup>1</sup>

## Genus **AKILAS** Distant

Orthotype *Akilas fasciatus* [n. sp.] 1916 Distant, Fauna British India 6: 138.

Akilas 1916 Distant, Fauna British India 6: 138. [gen. n.]  
1919 Muir, Canadian Ent. 51: 8. To *Gelastoccephalus* [sic] Kirk. [error.]  
1926 Schulze, Kükenthal and Heider, Nomenclator animalium 1 (1): 94. [Listed.]  
1939 Neave, Nomenclator Zoologicus 1: 100. [Listed.]

### **fasciatus** Distant

1916 *Akilas fasciatus* Distant, Fauna British India 6: 138; Fig. 99. South India<sup>1</sup> [n. sp., illustrated.]<sup>1</sup>

1921 *Gelastoccephalus* [sic] *fasciatus* Muir, Proc. Hawaiian Ent. Soc. 4: 486. [Notes.] Equals *Akilas fasciatus* Dist.

## Genus **EUMETOPINA** Breddin

Haplotype *Eumetopina krügeri* [n. sp.] 1896 Breddin, Deutsche Ent. Zeit. 1896: 109.

Type *Eumetopina kruegeri* [sic] 1915 Muir, Canadian Ent. 47: 263.

Eumetopina 1896 Breddin, Deutsche Ent. Zeit. 1896: 109. [gen. n.]  
1897 Krüger, Ber. Vers. Zuck. West-Java 2: 244. [Listed.] :245. [Described.]  
1902 Waterhouse, Index Zool. :134. [Listed.]  
1913 Muir, Proc. Hawaiian Ent. Soc. 2: 248. [Listed.] :249. [Comparative note.]

*Eumetopina*

- 1915 Muir, Canadian Ent. 47: 212, 263, 302. [Listed.]  
 1916 Muir, Philippine Jour. Sci. 11: 383. [Listed.]  
 1919 Muir, Philippine Jour. Sci. 15: 527. [Listed.]  
 1929 Schulze, Kükenthal and Heider, Nomenclator animalium 2 (10): 1240. [Listed.]  
 1929 Muir, Ann. Mag. Nat. Hist. (10) 4: 196. [Listed.]  
 1939 Neave, Nomenclator Zoologicus 2: 335. [Listed.]

**bakeri** Muir

- 1919 *Eumetopina bakeri* Muir, Philippine Jour. Sci. 15: 528; Pl. I. Borneo<sup>1</sup>  
 Figs. 4A, 4B. [n. sp., illustrated.]<sup>1</sup>

**caliginosa** Muir

- 1913 *Eumetopina caliginosa* Muir, Proc. Hawaiian Ent. Soc. 2: 248. Ceram<sup>1</sup>  
 [n. sp.]<sup>1,2,3,4</sup> Amboyna<sup>2</sup>  
 (Malaysia)  
 Kei Islands<sup>3</sup>  
 Larat<sup>4</sup>  
 (Malaysia)

**flava** Muir

- 1919 *Eumetopina flava* Muir, Philippine Jour. Sci. 15: 528; Pl. I, Figs. Luzon<sup>1</sup>  
 5A, 5B. [n. sp., illustrated.]<sup>1</sup> (Philippine  
 Islands)

**flavipes** Muir

- 1913 *Eumetopina flavipes* Muir, Proc. Hawaiian Ent. Soc. 2: 248. Borneo<sup>1</sup>  
 [n. sp.]<sup>1,3</sup> Philippine  
 1916 *Eumetopina flavipes* Muir, Philippine Jour. Sci. 11: 383. Islands<sup>2</sup>  
 [notes.]<sup>1,2,3</sup> Papua<sup>3</sup>  
 1926 *Eumetopina flavipes* Gater, Bull. Dept. Agr. Federated Malay Malay<sup>4</sup>  
 States and Straits Settlements 38: 5. [Listed.]<sup>4</sup>  
 1928 *Eumetopina flavipes* Uichanco, Ann. Conv. Philippine Sugar Assoc. 6: 70 (6).  
 [Economics.]<sup>2</sup>  
 1934 *Eumetopina flavipes* Pemberton, Proc. Assoc. Hawaiian Sugar Tech. 1934: 9. [Eco-  
 nomics.]<sup>2</sup>

**hancocki** Muir

- 1929 *Eumetopina hancocki* Muir, Ann. Mag. Nat. Hist. (10) 4: 197. Uganda<sup>1</sup>  
 [n. sp.]<sup>1</sup>

*kruegeri*. Typographical error for *Eumetopina krügeri* Breddin.

**krügeri** Breddin

- 1896 *Eumetopina krügeri* Breddin, Deutsche Ent. Zeit. 1896: 109. Java<sup>1</sup>  
 [n. sp.]<sup>1</sup> Borneo<sup>2</sup>  
 1897 *Eumetopina krügeri* Zehntner, Arch. Java Suiker. 5: 550. [Eco-  
 nomics.]<sup>1</sup>  
 1897 *Eumetopina krügeri* Krüger, Ber. Vers. Zuck. West-Java 2: 244. [Nymph described.]<sup>1</sup>  
 :313. [Economics.]<sup>2</sup> :245. [Described.]  
 1902 *Eumetopina kruegeri* [sic] Koebele, Hawaiian Plant. Monthly 21: 21. [Listed.]<sup>1,2</sup>  
 1904 *Eumetopina krügeri* Van Dine, Bull. Hawaii Agr. Exp. Sta. 5: 17. [Listed.]<sup>1,2</sup>  
 1906 *Eumetopina krügeri* van Deventer, Handboek Suikerriet-cultuur op Java 12: 168.  
 [Economics.]<sup>1</sup>  
 1913 *Eumetopina krügeri* Muir, Proc. Hawaiian Ent. Soc. 2: 249. [Comparative note.]  
 1917 *Eumetopina krügeri* Pierce, Man. Dangerous Ins. 1917: 206. [Listed.]<sup>1</sup>

**maculata** Muir

- 1919 *Eumetopina maculata* Muir, Philippine Jour. Sci. 15: 527 Pl. I, Mindanao<sup>1</sup>  
 Fig. 7. [n. sp., illustrated.]<sup>2</sup> (Philippine  
 Islands)  
 Luzon<sup>2</sup>

**straminea** Muir

- 1929 *Eumetopina straminea* Muir, Ann. Mag. Nat. Hist. (10) 4: 196; Cape Province<sup>1</sup>  
 Figs. 6, 7. [n. sp., illustrated.]<sup>1</sup>:197. [Comparative note.]

Genus **MEGAMELANUS** Ball

Orthotype *Megamelanus bicolor* [n. sp.] 1902 Ball, Canadian Ent. 34:  
 265.

Type *Megamelanus bicolor* 1914 Crawford, Mon. Delphacidae :592.

Type *Megamelanus bicolor* 1915 Muir, Canadian Ent. 47: 265.

Orthotype *Megamelanus bicolor* 1916 Van Duzee, Check List Hemip.  
 America :83.

Orthotype *Megamelanus bicolor* 1917 Van Duzee, Cat. Hemip. America  
 :764.

Type *Megamelanus bicolor* 1935 Osborn, Sci. Surv. Porto Rico and  
 Virgin Islands 14: 241.

- Megamelanus* 1902 Ball, Canadian Ent. 34: 265. [gen. n.]  
 1904 Swezey, Prelim. Cat. Fulgoridae North America 1904: 34. [Listed.]  
 1909 Pierce, Bull. United States Nat. Mus. 66: 178. [Parasitism.]  
 1910 Smith, Rept. Ins. New Jersey 1910: 97. [Listed.]  
 1912 Waterhouse, Index Zool. II: 168. [Listed.]  
 1914 Crawford, Mon. Delphacidae :592. [Described, key to species.]  
 :563 [Key.]  
 \* *Megamelanus* [sic] 1915 Muir, Canadian Ent. 47: 212. [Listed.]  
*Megamelanus* 1915 Muir, Canadian Ent. 47: 265. [Listed.] :301, 302. [Note.]  
 1916 Van Duzee, Check List Hemip. America :83. [Listed.]  
 1917 Van Duzee, Cat. Hemip. America :764. [Listed.]  
 1923 Van Duzee, Fulgoridae Hemip. Connecticut :45. [Key.] :47. [De-  
 scribed.]  
 1923 Metcalf, Jour. Elisha Mitchell Soc. 38: 169. [Key to species.] :168.  
 [Key.] :141. [Morphology.]  
 1924 Muir, and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 5. [Key.]  
 6. [Comparative note.]  
 1927 Johnson, Biol. Surv., Mount Desert Reg. 1: 33. [Listed.]  
 1928 Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 180. [Listed.]  
 1928 Ogilvie, Insects of Bermuda 1928: 20. [Listed.]  
 1930 Johnson, Publ. Nantucket Maria Mitchell Assoc. 3 (2): 36.  
 [Listed.]  
 1931 Schulze, Kükenthal and Heider, Nomenclator animalium 3 (15):  
 2001. [Listed.]  
 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 234. [Key.]  
 :241. [Listed.]  
 1938 Brimley, Insects of North Carolina 1938: 102. [Listed.]  
 1940 Neave, Nomenclator Zoologicus 3: 74. [Listed.]

**bicolor** Ball

- 1902 *Megamelanus bicolor* Ball, Canadian Ent. 34: 265. [n. sp.]<sup>1,2</sup> Colorado<sup>1</sup>



*Megamelanus*

- 1904 *Megamelanus bicolor* Swezey, Prelim. Cat. Fulgoridae North California<sup>2</sup>  
America 1904: 34. [Listed.]<sup>1,2</sup> Western States<sup>3</sup>
- 1905 *Megamelanus bicolor* Ball, Proc. Biol. Soc. Washington 18: 118. Arizona<sup>4</sup>  
[Comparative note.]
- 1914 *Megamelanus bicolor* Crawford, Mon. Delphacidae :592; Pl. 45. Figs. S, U. Pl. 46,  
Fig. A. [Described, illustrated.]<sup>4</sup>:592. [Key.]
- 1916 *Megamelanus bicolor* Van Duzee, Check List Hemip. America :83. [Listed.]<sup>3</sup>
- 1917 *Megamelanus bicolor* Van Duzee, Cat. Hemip. America :764. [Listed.]<sup>1,2</sup>

**dorsalis** Metcalf

- 1923 *Megamelanus dorsalis* Metcalf, Jour. Elisha Mitchell Soc. 38: 199; New Jersey<sup>1</sup>  
Pl. 46, Fig. 110; Pl. 60, Figs. 432, 433; Pl. 69, Fig. 664. [n. sp., il- Mississippi<sup>2</sup>  
lustrated.]<sup>1,2</sup>:169. [Key. :200. [Comparative note.]:150. [Listed.] Louisiana<sup>3</sup>
- 1926 *Megamelanus dorsalis* Dozier, Jour. New York Ent. Soc. 34: 263.  
[Listed.]<sup>2,3</sup>
- 1928 *Megamelanus dorsalis* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 16. [Ecol-  
ogy.]<sup>2</sup>

**elongatus** Ball

- 1905 *Megamelanus elongatus* Ball, Proc. Biol. Soc. Washington 18: 118. Florida<sup>1</sup>  
[n. sp.]<sup>1</sup> Southern States<sup>2</sup>
- 1905 *Megamelanus elongatus* Ball, Canadian Ent. 37: 375. [Listed.]<sup>3</sup> Louisiana<sup>3</sup>
- 1905 [*Megamelanus*] *elongatus* Osborn, Ohio Nat. 5: 575. [Comparative North Carolina<sup>4</sup>  
note.]<sup>1,3</sup> Mississippi<sup>5</sup>
- 1909 *Megamelanus elongatus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 9: New York<sup>6</sup>  
196. [Notes.]<sup>1</sup> Porto Rico<sup>7</sup>
- 1914 *Megamelanus elongatus* Barber, Bull. American Mus. Nat. Hist.  
33: 528. [Listed.]<sup>1</sup>
- 1914 *Megamelanus elongatus* Crawford, Mon. Delphacidae :592. [Key.]:593. [Listed.]<sup>1</sup>
- 1916 *Megamelanus elongatus* Van Duzee, Check List Hemip. America :83. [Listed.]<sup>2</sup>
- 1917 *Megamelanus elongatus* Van Duzee, Cat. Hemip. America :765. [Listed.]<sup>1,3</sup> Equals  
*Megamelus* [sic] *elongatus* Crawf.
- 1920 *Megamelanus elongatus* Metcalf and Osborn, Ann. Ent. Soc. America 13: 114; Pl.  
XII, Fig. 5. [Ecology, illustrated.]<sup>4</sup>
- 1921 *Megamelanus elongatus* Osborn, Florida Ent. 5: 18. [Listed.]<sup>1</sup>
- 1923 *Megamelanus elongatus* Metcalf, Jour. Elisha Mitchell Soc. 38: 169; Pl. 47, Fig. 122;  
Pl. 60, Figs. 429, 430, 431; Pl. 69, Fig. 663. [Key, illustrated.]
- 1928 *Megamelanus elongatus* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14:16.  
[Ecology.]<sup>5</sup>
- 1928 *Megamelanus elongatus* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 180  
[Listed.]<sup>5</sup>
- 1928 *Megamelanus elongatus* Muir, Ann. Mag. Nat. Hist. (10) 2: 215. [Comparative note.]
- 1929 *Megamelanus elongatus* Osborn, Jour. Dept. Agr. Porto Rico 13: 110. [Notes.]<sup>3,7</sup>
- 1935 *Megamelanus elongatus* Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 241;  
Fig. 64. [Described, illustrated.]<sup>3,7</sup>
- 1936 *Megamelanus elongatus* Wolcott, Jour. Agr. Univ. Puerto Rico 20: 107. [Listed.]<sup>7</sup>
- 1938 *Megamelanus elongatus* Brimley, Insects of North Carolina 1938: 102. [Listed.]<sup>4</sup>

**frontalis** Crawford

- 1914 *Megamelanus frontalis* Crawford, Mon. Delphacidae :593. Colorado<sup>1</sup>  
[n. sp.]<sup>1</sup>:592. [Key.] Rocky  
Mountains<sup>2</sup>
- 1916 *Megamelanus frontalis* Van Duzee, Check List Hemip. America :83. [Listed.]<sup>2</sup>
- 1917 *Megamelanus frontalis* Van Duzee, Cat. Hemip. America :765. [Listed.]<sup>1</sup>

**graminicola** Muir

- 1928 *Megamelanus graminicola* Muir, Ann. Mag. Nat. Hist. (10). 2: Bermuda<sup>1</sup>  
213; Figs. 1, 2. [n. sp., illustrated.]<sup>1</sup>  
1928 *Megamelanus graminicola* Ogilvie, Insects of Bermuda 1928: 20. [Food plants.]<sup>1</sup>

**lautus** Metcalf

- 1923 *Megamelanus lautus* Metcalf, Jour. Elisha Mitchell Soc. 38: 200; Texas<sup>1</sup>  
Pl. 40, Fig. 38; Pl. 60, Figs. 427, 428; Pl. 69, Fig. 662. [n. sp., illus- Mississippi<sup>2</sup>  
trated.]<sup>1,2</sup> :169. [Key.] :150. [Listed.]  
1926 *Megamelanus lautus* Dozier, Jour. New York Ent. Soc. 34: 262; Fig. 3. [Listed, illus-  
trated.]<sup>1,2</sup>  
1927 *Megamelanus lautus* Frison, Bull. Illinois Nat. Hist. Surv. 16: 153. [Listed.]<sup>6</sup>  
1928 *Megamelanus lautus* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 16. [Ecology.]<sup>2</sup>

**rufivittatus** Ball

- 1905 *Megamelanus rufivittatus* Ball, Proc. Biol. Soc. Washington 18: Georgia<sup>1</sup>  
119. [n. sp.]<sup>1</sup> Southern States  
1914 *Megamelanus rufivittatus* Crawford, Mon. Delphacidae :593.  
[Listed.]<sup>1</sup> :592. [Key.]  
1916 *Megamelanus rufivittatus* Van Duzee, Check List Hemip. America :83. [Listed.]<sup>2</sup>  
1917 *Megamelanus rufivittatus* Van Duzee, Cat. Hemip. America :765. [Listed.]<sup>1</sup>  
1923 *Megamelanus rufivittatus* Metcalf, Jour. Elisha Mitchell Soc. 38: 170. [Key.] :149.  
[Listed.]

**spartini** Osborn

- 1905 *Megamelanus spartini* Osborn, Ohio Nat. 5: 375. [n. sp.]<sup>1,9</sup> New York<sup>1</sup>  
1909 *Megamelanus spartini* (?) Van Duzee, Bull. Buffalo Soc. Nat. Sci. Florida<sup>2</sup>  
9: 197. [Notes.]<sup>2</sup> Staten Island<sup>3</sup>  
1910 *Megamelanus spartini* Smith, Rept. Ins. New Jersey 1910: 97. Ohio<sup>4</sup>  
[Listed.]<sup>3</sup> Eastern States<sup>5</sup>  
1914 *Megamelanus spartini* Barber, Bull. American Mus. Nat. Hist. 33: Maine<sup>6</sup>  
528. [Listed.]<sup>2</sup> North Carolina<sup>7</sup>  
1914 *Megamelanus spartini* Crawford, Mon. Delphacidae :593. Mississippi<sup>8</sup>  
[Listed.]<sup>2,4</sup> :592. [Key.] Maryland<sup>9</sup>  
1916 *Megamelanus spartini* Van Duzee, Check List Hemip. America  
:83. [Listed.]<sup>5</sup>  
1917 *Megamelanus spartini* Van Duzee, Cat. Hemip. America :765. [Listed.]<sup>1,2</sup> Equals  
*Megamelus* [sic] *spartini* Crawford.  
1920 *Megamelanus spartini* Metcalf and Osborn, Ann. Ent. Soc. America 13: 113; Pl.  
XII, Fig. 6. [Ecology, illustrated.]<sup>7</sup>  
1920 *Megamelanus spartini* Metcalf, Ecology 1: 195. [Ecology.]<sup>7</sup>  
1921 *Megamelanus* (?) *spartini* Osborn, Florida Ent. 5: 18. [Listed.]<sup>2</sup>  
1922 *Megamelanus spartini* Metcalf, Jour. Elisha Mitchell Soc. 38: 170; Pl. 47, Fig. 123;  
Pl. 60, Figs. 434, 435; Pl. 69, Fig. 665. [Key, illustrated.]  
1923 *Megamelanus spartini* Van Duzee, Fulgoridae Hemip. Connecticut :47. [Notes.]<sup>1</sup>  
1924 *Megamelanus spartini* Metcalf, Ecology 5: 174. [Ecology.]  
1927 *Megamelanus spartini* Johnson, Biol. Surv., Mount Desert Reg. 1: 33. [Listed.]<sup>6</sup>  
1928 *Megamelanus spartini* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 180.  
[Listed.]<sup>1</sup>  
1928 *Megamelanus spartini* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 16. [Ecol-  
ogy.]<sup>8</sup>  
1938 *Megamelanus spartini* Brimley, Insects of North Carolina 1938: 102. [Listed.]<sup>7</sup>

**terminalis** Metcalf

- 1923 *Megamelanus terminalis* Metcalf, Jour. Elisha Mitchell Soc. 38: North Carolina<sup>1</sup>

*Megamelanus*—*Delphacinus*

- 198; Pl. 39, Fig. 18; Pl. 60, Figs. 425, 426; Pl. 65, Fig. 555; Pl. 69, Virginia<sup>2</sup>  
Fig. 661. [n. sp., illustrated.]<sup>1,2</sup> :169. [Key.] :150. [Listed.] Alabama<sup>3</sup>  
1926 *Megamelanus terminalis* Dozier, Jour. New York Ent. Soc. **34**: Mississippi<sup>4</sup>  
262. [Ecology.]<sup>1,2,3,4</sup> Nantucket  
1928 *Megamelanus terminalis* Muir, Ann. Mag. Nat. Hist. (10) **2**: 215. Island<sup>5</sup>  
[Comparative note.] (Massachusetts)  
1930 *Megamelanus terminalis* Johnson, Publ. Nantucket Maria  
Mitchell Assoc. **3** (2): 36. [Listed.]<sup>5</sup>  
1938 *Megamelanus terminalis* Brimley, Insects of North Carolina **1938**: 102. [Listed.]<sup>1</sup>

Genus **DELPHACINUS** Fieber

- Haplotype *Delphax mesomelas* 1866 Fieber, Verh. Zool. Bot. Ges. Wien  
**16**: 520.  
Type *Delphacinus mesomelas* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl.  
Assoc. **3**: 149.  
Type *Delphacinus mesomelas* 1912 Oshanin, Kat. Paläark. Hemip. :118.  
Type *Delphacinus mesomelus* [sic] 1914 Crawford, Mon. Delphacidae  
:592.  
Type *Delphacinus nesomelas* [sic] 1915 Muir, Canadian Ent. **47**: 262.  
Type *Delphacinus mesomelas* 1929 Haupt, Zool. Jahrb. Syst. Ökol. **58**:  
210.  
Type *Delphacinus mesomelas* 1935 Haupt, Tierwelt Mitteleuropas **4**  
(3): 130.

- Delphacinus* 1866 Fieber, Verh. Zool. Bot. Ges. Wien **16**: 520. [gen. n.] :532. [Listed.]  
1867 Dallas, Zool. Rec. **3**: 561. [Key.]  
*Delphax* 1868 Kirschbaum, Cicad. Wiesbaden :19. [Described, key to German species.]  
[nec Fabricius] [in part.]  
*Liburnia* 1870 Scott, Ent. Monthly Mag. **7**: 25. [Key to British species.] [nec Stål] [in  
part.]  
*Delphacinus* 1871 Sahlberg, Not. Fennica (n. s.) **9** (12): 420. [Described.] :75. [Key.] :56.  
[Listed.]  
1872 Fieber, Kat. Europäischen Cicad. :5. [Listed.] Equals *Delphax* Auct. [in  
part.]  
1873 Marschall, Nomenclator Zoologicus **1873**: 361. [Listed.]  
1874 Scott, Ent. Monthly Mag. **11**: 119. To *Liburnia* Stål. [error.]  
*Delphax* 1874 Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg **20**: 82. [Listed.]  
[nec Fabricius] [in part.]  
*Delphacinus* 1874 Lethierry, Cat. Hémipt. Dept. du Nord. Second Ed. :257 (53). [Listed.]  
1875 Fieber, Cicad d'Europe Pt. **1**: 371 (84). [Key.]  
1875 Puton, Cat. Hémipt. d'Europe 2Ed. :118. [Listed.]  
1875 Reuter, Ann. Soc. Ent. France (5) **5**: 233. [Polymorphism.]  
1876 Fieber, Cicad. d'Europe Pt. **2**: Pl. 7. [Illustrated.]  
*Liburnia* 1876 Douglas and Scott, Cat. British Hemip.-Homop. :66. [Listed.] [nec  
Stål] [in part.]  
*Delphacinus* 1878 Fieber, Cicad. d'Europe Pt. **3**: 292 (23). [Listed.] Equals *Delphax* Auct.  
[in part.]  
1880 Reiber and Puton, Bull. Soc. Hist. Nat. Colmar **21**: 55. [Listed.]  
1882 Scudder, Nomenclator Zoologicus. Univ. Index :93. [Listed.]  
1884 Mayr, Tabellen :21. [Key.] Equals *Delphax* Auct. [in part.]  
1885 Ivanoff, Liste des Cigales :89 (7) [Listed.]  
*Liburnia* 1886 Edwards, Syn. British Homop.-Cicadina Pt. **1**: 55. [Key.] :57; Pl. 1, Fig.  
19. [Described, illustrated.] :58. [Key to species.] [nec Stål] [in part.]

- Delphacinus 1886 Puton, Cat. Hemip. Faune Palearctique 3 Ed. :72. [Listed.]  
 1886 Then, Kat. Österreichischen Cicad. 1886: 13. [Listed.]  
 1889 Ashmead, Ent. Amer. 5: 26. [Key.]
- Liburnia* 1890 Buckton, Mon. British Cicadae 1: 28. [Key.] :30. [Described.] [nec Stål] [in part.]  
 1890 Saunders and Edwards, Cat. British Hemiptera 1890: 11. [Listed.]
- Delphacinus 1891 Fokker, Cat. Nederland Hemip. :366. [Listed.]  
 1892 Duda, Cat. Ins. Faunae Bohemicae :28. [Listed.]  
 1892 Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]  
 1894 Edwards, Hemip.-Homop. British Islands Pt. 1: 31. To *Liburnia* [nec Stål] [error.]
- Liburnia* 1894 Edwards, Hemip.-Homop. British Islands Pt. 1: 29. [Key.] :31; Pl. 1, Fig. 19. [Described, illustrated.] :32. [Key to species.] [nec Stål] [in part.]
- Delphacinus 1895 Wüstnei, Schr. Nat. Ver. Schleswig-Holsteins. 10: 268. [Listed.]  
 1896 Melichar, Cicad. Mittel-Europa :62. [Described.] :51. [Key.]  
 1897 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 241. [Comparative note.]  
 1899 Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :107. [Listed.]  
 1900 Lameere, Manuel Faune Belgique 2: 140. [Key.] :141. [Listed.]  
 1900 Strobl, Mitt. Natur. Ver. Steiermark 36: 203. [Listed.]  
 1901 Lambertie, Act. Soc. Linn. Bordeaux 56: 216 (88) [Listed.]  
 1902 Ball, Canadian Ent. 34: 265. [Comparative note.]  
 1903 Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 61 (21). [Listed.]  
 1904 Hüeber, Syst. Verz. deutschen Zikadinen :269. [Listed.]  
 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 1 (9): 411. [Comparative note.]  
 1906 Matsumura, Schr. Nat. Ges. Danzig 11: 75. [Listed.]  
 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 149. To *Delphax* [nec Fabr.] [error.]  
 1907 Oshanin, Verz. Palaeark. Hemip. 2 (2): 305. [Listed.]  
 1908 Saunders and Edwards, Cat. British Hemiptera 1908: 14. [Listed.]  
 1910 Lambertie, Misc. Ent. 18: 91. [Listed.]  
 1912 Oshanin, Kat. Paläark. Hemip. :118. [Listed.]  
 1912 Schmidt, Stett. Ent. Zeit. 73: 149. [Listed.]  
 1914 Crawford, Mon. Delphacidae :592. [Comparative note.]  
 1915 Jensen-Haarup, Flora och Fauna 1915: 104. [Described.] :98. [Key.]  
 1915 Muir, Canadian Ent. 47: 212, 262. [Listed.] :302. [Key.]  
 1915 Jacobsen, Ent. Medd. 10: 319. [Listed.]  
 1920 Jensen-Haarup, Danmarks Fauna :42. [Described.] :30. [Key.]  
 1920 Tullgren and Wahlgren, Svenska Insekter 1920: 151. [Key.] :152. [Listed.]  
 1924 Lindberg, Acta Soc. Fauna Flora Fennica 56: 46. [Listed.]  
 1926 Rémy-Perrier, Homop. Faune France 4: 93. [Key to species.] :90. [Key.]  
 1927 Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 143. [Listed.]  
 1928 Schulze, Kükenthal and Heider, Nomenclator animalium 2 (8): 940. [Listed.]  
 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 210. [Key.]  
 1932 Enderlein, Fauna von Deutschland 1932: 193. [Key.]  
 1935 Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 6. [Listed of German species.]  
 1935 Haupt, Tierwelt Mitteleuropas 4 (3): 130. [Key.] :136. [Key to species.]  
 1937 Kuntze, Arch. Nat. (n. f.) 6: 354. [Listed.]  
 1939 Neave, Nomenclator Zoologicus 2: 30. [Listed.]

*alpinus* Strobl. See *Delphacinus mesomelas* Boheman.

*hamatus* Boheman. See *Dicranotropis hamata* Boheman.

### lukjanovitshi Kusnezov

- 1929 *Delphacinus lukjanovitshi* Kusnezov, Wien. Ent. Zeit. 46: 157; Turkestan<sup>1</sup>  
 Fig. 1. [n. sp., illustrated.]<sup>1</sup>



*Delphacinus*

## mesoemelas Boheman

- 1850 *Delphax mesomela* Boheman, Handl. Svenska Vet. Akad. 1849: 257. [n. sp.]<sup>1</sup>  
Sweden<sup>1</sup>  
Finland<sup>2</sup>
- 1851 *Delphax mesomelas* Schaum, Arch. Naturg. 27: 268. [Listed.]<sup>1</sup> Europe<sup>3</sup>
- 1852 *Delphax mesomela* Boheman, Handl. Svenska Vet. Akad. 1851: 118. [Listed.]<sup>1</sup> Germany<sup>4</sup>  
France<sup>5</sup>
- 1854 *Delphax mesomela* Stål, Öfv. Svenska Vet. Akad. Förh. 11: 196. Ireland<sup>6</sup>  
[Described.]<sup>1</sup> Switzerland<sup>7</sup>
- 1858 *Delphax mesomela* Stål, Öfv. Svenska Vet. Akad. Förh. 15: 358. England<sup>8</sup>  
[Comparative note.] Belgium<sup>9</sup>
- 1859 *Delphax mesomela* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup> Czechoslovakia<sup>10</sup>
- 1861 *Delphax mesomela* Flor, Rhynch. Livlands 2: 50. [Described.]<sup>1,15</sup> British Isles<sup>11</sup>  
:34. [Key.] Austria<sup>12</sup>
- 1866 *Delphacinus mesomelas* Fieber, Verh. Zool. Bot. Ges. Wien 16: 520; 532; Pl. 8, Fig. 12. [Listed, illustrated.] Equals *Delphax mesomelas* Boh. Italy<sup>13</sup>  
Poland<sup>14</sup>  
Estonia<sup>15</sup>
- 1867 *Delphacinus mesomelas* Dallas, Zool. Rec. 3: 561. Equals *Delphax mesomelas* Boh. Russia<sup>16</sup>  
Hungary<sup>17</sup>
- 1868 *Delphax mesomela* Sahlberg, Not. Fennica (n. s.) 9 (9): 218. Central Europe<sup>18</sup>  
[Notes.]<sup>2,15</sup> Denmark<sup>19</sup>
- 1868 *Delphax mesomela* Kirschbaum, Cicad. Wiesbaden :35. [Key.]<sup>4</sup> Scandinavia<sup>20</sup>  
:20. [Comparative note.] Netherlands<sup>21</sup>
- 1870 *Delphax mesomelas* Scott, Ent. Monthly Mag. 7: 29. [Key.] :75. Scotland<sup>22</sup>  
[Listed.] Batavia<sup>23</sup>
- 1871 *Delphacinus mesomelus* [sic] Sahlberg, Not. Fennica (n. s.) 9 (12): 421. [Described.]<sup>20</sup> Equals *Delphax mesomelus* [sic] Boh. :56. [Listed.]<sup>1,2</sup> :36. [Ecology.]
- 1872 *Delphacinus mesomela* Fieber, Kat. Europäischen Cicad. :5. [Listed.]<sup>3</sup>
- 1872 *Delphacinus mesomela* Fieber, Verh. Zool. Bot. Ges. Wien 22: 29. Equals *Delphax mesomela* Boh.
- 1874 *Delphacinus mesomela* Lethierry, Cat. Hémipt. Dept. du Nord Second Ed. :257 (53). [Listed.]<sup>5</sup>
- 1874 *Liburnia mesomela* Scott, Ent. Monthly Mag. 11: 120. [Comparative note.]
- 1874 *Delphax mesomela* Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 84. [Notes.]<sup>4</sup>
- 1875 *Delphacinus mesomelas* Puton, Cat. Hémipt. d'Europe 2 Ed. :118. [Listed.]<sup>3</sup>
- 1876 *Liburnia mesomela* Douglas and Scott, Cat. British Hemip. :69. [Listed.]<sup>11</sup> Equals *Delphax mesomela* Boh. Equals *Delphacinus mesomelus* [sic] Fieb.
- 1876 *Delphacinus mesomela* [sic] Lethierry and Puton, Ann. Soc. Ent. France (5) 6: 46. [Comparative note.]
- 1878 *Delphacinus mesomelas* Reiber, Bull. Soc. Hist. Nat. Colmar 18: 75. [Listed.]<sup>5</sup>
- 1878 *Delphacinus mesomela* Fieber, Cicad. d'Europe Pt. 3: 294 (25). [Described.]<sup>1,4,5,7</sup>  
Equals *Delphax mesomela* Boh.
- 1878 *Delphax mesomela* Dale, History of Glanville's Wootton :305. [Listed.]<sup>8</sup>
- 1880 *Delphacinus mesomelas* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 55. [Listed.]<sup>5</sup>
- 1880 *Liburnia mesomela* Norman, Ent. Monthly Mag. 16: 213. [Listed.]<sup>22</sup>
- 1880 *Delphacinus mesomelas* Reuter, Medd. Soc. Fauna Fl. Fennica 5: 196. [Listed.]<sup>2</sup>
- 1882 *Liburnia mesomela* Norman, Ent. Monthly Mag. 18: 276. [Listed.]<sup>22</sup>
- 1884 *Liburnia mesomela* Edwards, Trans. Nat. Soc. Norwich 3: 713. [Listed.]<sup>3</sup>
- 1884 *Delphacinus mesomelas* Mayr, Tabellen :21. [Listed.]<sup>4,5,7</sup>
- 1885 *Delphacinus mesomelas* Ivanoff, Liste des Cigales :89 (7) [Listed.] :113 (31) [Key.]
- 1886 *Liburnia mesomela* Capron, Ent. Monthly Mag. 22: 264. [Listed.]<sup>8</sup>
- 1886 *Delphacinus mesomelas* Then, Kat. Österreichischen Cicad. 1886: 13. [Listed.]<sup>3</sup>
- 1886 *Delphacinus mesomelas* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :72. [Listed.]<sup>3</sup>
- 1886 *Liburnia mesomela* Edwards, Syn. British Homop.-Cicadina Pt. 1: 91. [Described.]<sup>11</sup>

- Equals *Delphax mesomela* Boh. Equals *Delphacinus mesomelus* [sic] Fieb. :61. [Key.]  
 1890 *Liburnia mesomela* Buckton, Mon. British Cicadae **2**: 58: Pl. 17, Figs. 1, 1a; Pl. 18, Fig. 3. [Described, illustrated.]<sup>1,4,5,11</sup> Equals *Delphax mesomelas* Boh. Equals *Delphacinus mesomelas* Fieb.  
 1890 *Delphacinus mesomelas* Funk, Ber. Nat. Ges. Bamberg **15**: 140. [Listed.]<sup>4</sup>  
 1890 *Liburnia mesomela* Buckton, Mon. British Cicadae **3**: 65, 66. [Synopsis.]  
 1890 *Liburnia mesomela* Saunders and Edwards, Cat. British Hemiptera **1890**: 12. [Listed.]<sup>11</sup>  
 1891 *Delphacinus mesomelas* Fokker, Cat. Nederland Hemip. :366. [Listed.]<sup>21</sup>  
 1892 *Liburnia mesomela* Saunders, Ent. Monthly Mag. **28**: 218. [Listed.]<sup>8</sup>  
 1892 *Delphacinus mesomelas* Lethierry, Rev. Hémip. Belgique :21. [Listed.]<sup>9</sup>  
 1892 *Delphacinus mesomelas* Duda, Cat. Ins. Faunae Bohemicae :28. [Listed.]<sup>10</sup>  
 1892 *Delphacinus mesomelas* Coubeaux, Ann. Soc. Ent. Belgique **36**: 34 (1). [Listed.]<sup>9</sup>  
 1894 *Liburnia mesomela* Edwards. Hemip.-Homop. British Islands Pt. **2**: Pl. 8, Fig. 4. [Illustrated.] :38. [Key.]  
 1894 *Liburnia mesomela* Edwards. Hemip.-Homop. British Islands Pt. **3**: 71; [Described.]<sup>11</sup>  
 1895 *Delphacinus mesomelas* Wüstnei, Schr. Nat. Ver. Schleswig-Holsteins. **10**: 268. [Listed.]  
 1896 *Delphacinus mesomelus* [sic] Melichar, Cicad. Mittel-Europa :62; Pl. 4, Figs. 16, 17. [Described, illustrated.]<sup>3,4,12</sup> :xxiii. [Ecology.]  
 1899 *Delphacinus mesomelas* Putois, Cat. Hémip. Faune Paléarctique 4 Ed. :107. [Listed.]<sup>3</sup>  
 1900 *Delphacinus alpinus* Strobl, Mitt. Natur. Ver. Steiermark **36**: 203. [n. sp.]<sup>12</sup>  
 1900 *Delphacinus mesomelas* Lameere, Manuel Faune Belgique **2**: 141. [Described.]<sup>9</sup>  
 1901 *Delphacinus mesomelas* Lambertie, Act. Soc. Linn. Bordeaux **56**: 216 (88) [Listed.]<sup>5</sup>  
 1901 *Delphacinus mesomelas* Melichar, Ent. Jarhb. **1901**: 42 (9) [Listed.]  
 1902 *Delphacinus mesomelas* Ball, Canadian Ent. **34**: 265. [Comparative note.]  
 1903 *Delphacinus mesomelas* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste **21**: 61 (21). [Listed.]<sup>13</sup>  
 1903 *Delphacinus mesomelas* Horváth, Ann. Mus. Nat. Hungarici **1**: 558. Equals *Delphacinus alpinus* Strobl. Equals *Delphax mesomelus* [sic] Boh.  
 1904 *Delphacinus mesomelas* Hüeber, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>4</sup>  
 1904 *Delphacinus alpinus* Hüeber, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>4</sup>  
 1906 *Delphacinus mesomelas* Matsumura, Schr. Nat. Ges. Danzig **11**: 75. [Listed.]<sup>4</sup>  
 1907 *Delphacinus mesomelas* Oshanin, Verz. Palaeark. Hemip. **2** (2): 305. [Listed.]<sup>1,2,4,5,7,11,12,15,16</sup> Equals *Delphax mesomelas* Boh. Equals *Liburnia mesomelas* Scott. Equals *Delphacinus alpinus* Strobl.  
 1907 *Delphacinus mesomelas* Horváth, Ann. Mus. Nat. Hungarici **5**: 504. [Listed.]<sup>17</sup>  
 1908 *Delphacinus mesomelus* [sic] Whittaker, Hemip.-Homop. Lancashire and Cheshire :22. [Listed.]<sup>8</sup> Equals *Liburnia mesomela* Boh.  
 1908 *Delphacinus mesomelas* Oshanin, Verz. Palaeark. Hemip. **2** (3): 452. [Listed.]<sup>9,17,23</sup>  
 1908 *Delphacinus mesomelas* Saunders and Edwards, Cat. British Hemiptera **1908**: 14. [Listed.]<sup>11</sup>  
 1910 *Delphacinus mesomelas* Lambertie, Misc. Ent. **18**: 91. [Listed.]<sup>5</sup>  
 1912 *Delphacinus mesomelas* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>18</sup> Equals *Delphacinus alpinus* Strobl.  
 1912 *Delphacinus mesomelus* [sic] Schmidt, Stett, Ent. Zeit. **73**: 149. [Notes.]<sup>4</sup>  
 1914 *Delphacinus mesomelus* [sic] Crawford, Mon. Delphacidae :592. [Comparative note.]  
 1915 *Delphacinus mesomelus* [sic] Jacobsen, Ent. Medd. **10**: 319. [Listed.]<sup>19</sup>  
 1915 *Delphacinus mesomelas* Jensen-Haarup, Flora och Fauna **1915**: 104. [Described.]<sup>19</sup>  
 1920 *Delphacinus mesomelus* [sic] Tullgren and Wahlgren, Svenska Insekter **1920**: 152. [Notes.]<sup>1</sup>  
 1920 *Delphacinus mesomelas* Jensen-Haarup, Danmarks Fauna: 43; Fig. 21. [Described, illustrated.]<sup>3,19 20</sup>  
 1924 *Delphacinus mesomelas* Lindberg, Acta Soc. Fauna Flora Fennica **56**: 46. [Listed.]<sup>2</sup>  
 1926 *Delphacinus mesomelas* Blöte, De Levende Natuur. **4**: 112. [Listed.]<sup>21</sup>  
 1926 *Delphacinus mesomelas* Rémy-Perrier, Homop. Faune France **4**: 93; Fig. DM. [Key, illustrated.]<sup>5</sup>

*Delphacinus*—*Delphacellus*—*Calligypona*

- 1927 *Delphax mesomelas* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 143. [Listed.]<sup>6</sup>
- 1930 *Delphacinus mesomelas* Britten, Check List Fauna Lancashire and Cheshire 1: 74. [Listed.]<sup>8</sup>
- 1932 *Delphacinus mesomelas* Enderlein, Fauna von Deutschland 1932: 193. [Listed.]<sup>4</sup>
- 1934 *Delphacinus mesomelas* Haupt, Märkische Tierwelt 1: 48 (8). [Food plants.]<sup>4</sup>
- 1934 *Delphacinus mesomelas* Ossiannilsson, Ent. Tidskr. 55: 138. [Listed.]<sup>1</sup>
- 1934 *Delphacinus mesomella* [sic] Thornley, Trans. Soc. British Ent. 1: 83. [Listed.]<sup>8</sup>
- 1935 *Delphacinus mesomelas* Halbert, Proc. R. Irish Acad. 42 (Sect. B):310. [Listed.]<sup>6</sup>
- 1935 *Delphacinus mesomelas* Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 6. [Listed.]<sup>4</sup>
- 1935 *Delphacinus mesomelas* Haupt, Tierwelt Mitteleuropas 4 (3): 136; Fig. 221. [Key, illustrated.]
- 1937 *Delphacinus mesomelas* Kuntze, Arch. Nat. (n. f.) 6: 307, 308, 315, 322, 333, 338, 350, 354. [Ecology.]<sup>4</sup>
- 1938 *Delphacinus mesomelas* Nast, Fragm. Faun. Mus. Zool. Polonici 3: 232 (8). [Listed.]<sup>14</sup>
- mesomella*. Typographical error for *Delphacinus mesomelas* Boheman.
- nesomelas*. Typographical error for *Delphacinus mesomelas* Boheman.
- obesus* Van Duzee. See *Laccocera obesa* Van Duzee.
- putoni* Scott. See *Delphacellus putoni* Scott.
- vittatus* Gillette and Baker. See *Laccocera vittipennis* Van Duzee.
- vittipennis* Van Duzee. See *Laccocera vittipennis* Van Duzee.
- zonatus* Van Duzee. See *Laccocera zonatus* Van Duzee.

## Genus DELPHACELLUS Haupt

Orthotype *Liburnia putoni* 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 210.

- Delphacellus 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 210. [gen. n.]
- 1939 Neave, Nomenclator Zoologicus 2: 30. [Listed.]

*putoni* Scott

- 1874 *Liburnia putoni* Scott Ent. Monthly Mag. 11: 119. [n. sp.]<sup>1</sup> Algeria<sup>1</sup>
- 1874 *Delphacinus putoni* Lethierry, Pet. Nouv. Ent. 1: 444. [Listed.]<sup>1</sup> Sardinia<sup>2</sup>
- 1875 *Delphacinus putoni* Puton, Cat. Hémip. d'Europe 2 Ed. :118. Tunisia<sup>3</sup>
- [Listed.]<sup>1</sup>
- 1876 *Delphacinus* [sic] *putoni* Lethierry and Puton, Ann. Soc. Ent. France (5) 6: 45. [Described.]<sup>1</sup> :19. [Listed.]<sup>1</sup>
- 1883 *Delphacinus putoni* Puton, Rev. Ent. 2: 286. [Listed.]<sup>2</sup>
- 1886 *Delphacinus putoni* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :72. [Listed.]<sup>1,2</sup>
- 1888 *Delphacinus putoni* Costa, Atti. Acc. Sci. Napoli (2) 1 (2): 70. [Listed.]<sup>2</sup>
- 1888 *Delphacinus putoni* Costa, Atti. Acc. Sci. Napoli (2) 1 (9): 39. [Listed.]<sup>2</sup>
- 1889 *Delphacinus putoni* Lethierry, Rev. Ent. 8: 315. [Listed.]<sup>1</sup>
- 1899 *Delphacinus putoni* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :107. [Listed.]<sup>1,2</sup>
- 1907 *Delphacinus putoni* Oshanin, Verz. Palaeark. Hemip. 2(2):306. [Listed.]<sup>1,2,3</sup> Equals *Liburnia putoni* Scott.
- 1912 *Delphacinus putoni* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>1,2,3</sup>
- 1929 *Delphacellus putoni* Haupt, Zool. Jahrb. Syst. Ökol. 58: 210. Equals *Delphacinus putoni* Scott

## Genus CALLIGYPONA Sahlberg

Haplotype *Calligypona albicollis* [n. sp.] 1871 Sahlberg, Not. Fennica (n. s.) 9 (12): 408.

Type *Calligypona albicollis* 1912 Oshanin, Kat. Paläark. Hemip. :118.  
 Type *Calligypona albicollis* 1915 Muir, Canadian Ent. 47: 261.

- Calligypona* 1871 Sahlberg, Not. Fennica (n. s.) 9 (12): 408. [gen. n.] :56. [Listed.] :74. [Key.]  
 1875 Reuter, Ann. Soc. Ent. France (5) 5: 233. [Polymorphism.]  
 1875 Puton, Cat. Hémip. d'Europe 2 Ed. 1875: 118. [Listed.]  
 1878 Fieber, Cicad. d'Europe Pt. 3: 279. (10). [Listed.]  
 1882 Scudder, Nomenclator Zoologicus. Univ. Index :48. [Listed.]  
 1886 Puton, Cat. Hémip. Faune Paléarctique 3 Ed. 1886: 72. [Listed.]  
 1891 Oshanin, Mém. Sect. caucasienne Soc. russe Geogr. 23 (1): 48, 63. [Listed.]  
 1897 Horváth, Fauna Regni Hungariae :56. [Listed.]  
 1899 Puton, Cat. Hémip. Faune Paléarctique 4 Ed. 1899: 107. [Listed.]  
 1907 Oshanin, Verz. Palaeark. Hemip. 2 (2): 308. [Listed.]  
 1912 Oshanin, Kat. Paläark. Hemip. :118. [Listed.]  
 1915 Muir, Canadian Ent. 47: 211, 212, 261. [Listed.]  
 1920 Tullgren and Wahlgren, Svenska Insekter 1920: 152. [Key, listed.]  
 1927 Schulze, Kükenthal and Heider, Nomenclator animalium 2 (6): 499. [Listed.]  
 1932 Lindberg, Not. Ent. 12: 36. [Described.]  
 1939 Neave, Nomenclator Zoologicus 1: 532. [Listed.]

### *albicollis* Sahlberg

- 1871 *Calligypona albicollis* Sahlberg, Not. Fennica (n. s.) 9 (12): 409. Sweden<sup>1</sup>  
 [n. sp.]<sup>1</sup> :56. [Listed.]<sup>1</sup> :31. [Ecology.] Scandinavia<sup>2</sup>  
 1875 *Calligypona albicollis* Puton, Cat. Hémip. d'Europe 2 Ed. :118. Hungary<sup>3</sup>  
 [Listed.]<sup>2</sup> Finland<sup>4</sup>  
 1886 *Calligypona albicollis* Puton, Cat. Hémip. Faune Paléarctique 3 Turkestan<sup>5</sup>  
 Ed. :72. [Listed.]<sup>2</sup> Russia<sup>6</sup>  
 1891 *Calligypona albicollis* Oshanin, Mém. Sect. caucasienne Soc. russe  
 Geogr. 23 (1): 48, 63, 81. [Listed.]<sup>6</sup>  
 1897 *Calligypona albicollis* Horváth, Fauna Regni Hungariae :56. [Listed.]<sup>3</sup>  
 1899 *Calligypona albicollis* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :107.  
 [Listed.]<sup>2, 3, 4</sup>  
 1907 *Calligypona albicollis* Oshanin, Verz. Palaeark. Hemip. 2 (2): 308. [Listed.]<sup>1, 3, 5</sup>  
 1912 *Calligypona albicollis* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>2, 3, 5</sup>  
 1920 *Calligypona albicollis* Tullgren and Wahlgren, Svenska Insekter 1920: 152. [Notes.]<sup>1</sup>  
 1929 *Calligypona albicollis* Haupt, Zool. Jahrb. Syst. Ökol. 58: 212. To *Liburnia reyi*  
 Fieb. [error.]  
 1932 *Calligypona albicollis* Lindberg, Not. Ent. 12: 37; Fig. 3. [Described, illustrated.]  
 1932 *Calligypona albicollis* Lindberg, Not. Ent. 12: 35, 36. [Note.]  
 1935 *Calligypona albicollis* Haupt, Tierwelt Mitteleuropas 4 (3): 141. To *Liburnia reyi*  
 Fieb. [error.]

### Genus CALBODUS Spinola

Haplotype *Calbodus pallidulus* [n. sp.] 1852 Sinola, Gay's Historia de Chile 7: 261.

- Calbodus* 1852 Spinola, Gay's Historia de Chile 7: 261. [gen. n.]  
 1873 Marschall, Nomenclator Zoologicus :356. [Listed.]  
 1882 Scudder, Nomenclator Zoologicus. Univ. Index :47. [Listed.]  
 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 38. [Listed.]  
 1927 Schulze, Kükenthal and Heider, Nomenclator animalium 2 (6) :490.  
 [Listed.]  
 1939 Neave, Nomenclator Zoologicus 1: 523. [Listed.]



*Calbodus—Dichoneura—Epeurysa***pallidulus** Spinola

- 1852 *Calbodus pallidulus* Spinola, Gay's Historia de Chile 7: 262; Pl. 3, Chile<sup>1</sup>  
Figs. 4a-c. [n. sp., illustrated.]<sup>1</sup>  
1926 *Calbadus* [sic] *pallidulus* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 36. [Listed.]

Genus **DICHONEURA** Lethierry

Haplotype *Dichoneura simoni* [n. sp.] 1890 Lethierry, Ann. Soc. Ent. France (6) 10: 151.

Type *Dichoneura simoni* 1914 Crawford, Mon. Delphacidae :570.

Type *Dichoneura simoni* 1915 Muir, Canadian Ent. 47: 262.

- Dichoneura* 1890 Lethierry, Ann. Soc. Ent. France (6) 10: 151. [gen. n.]  
1902 Waterhouse, Index Zool. :106. [Listed.]  
1914 Crawford, Mon. Delphacidae :570. [Described.] :562. [Key.]  
1915 Muir, Canadian Ent. 47 :212, 262. [Listed.]  
1928 Schulze, Kükenthal and Heider, Nomenclator animalium 2 (9): 981.  
[Listed.]  
1939 Neave, Nomenclator Zoologicus 2: 71. [Listed.]

**simoni** Lethierry

- 1890 *Dichoneura simoni* Lethierry, Ann. Soc. Ent. France (6) 10: 152. Venezuela<sup>1</sup>  
[n. sp.]<sup>1</sup>  
1914 *Dichoneura simoni* Crawford, Mon. Delphacidae :570. [Listed.]<sup>1</sup>  
1926 *Dichoneura simoni* Muir, Bull. Hawaiian Sugar. Pl. Assoc. 18: 36. [Listed.]

Genus **EPEURYSA** Matsumura

Haplotype *Epeurysa nawaii* [n. sp.] 1900 Matsumura, Ent. Nachr. 26: 261.

Type *Epeurysa nawaii* 1912 Oshanin, Kat. Paläark. Hemip. :118.

Type *Epeurysa nawaii* 1915 Muir, Canadian Ent. 47: 263.

- Epeurysa* 1900 Matsumura, Ent. Nachr. 26: 261. [gen. n.]  
1902 Waterhouse, Index Zool. :125. [Listed.]  
1907 Oshanin, Verz. Palaeark. Hemip. 2 (2): 311. [Listed.]  
1912 Oshanin, Kat. Paläark. Hemip. :118. [Listed.]  
1915 Muir, Canadian Ent. 47: 212, 263. [Listed.]  
1929 Schulze, Kükenthal and Heider, Nomenclator animalium 2 (10): 1161.  
[Listed.]  
1939 Neave, Nomenclator Zoologicus 2: 256. [Listed.]

*nawae*. Typographical error for *Epeurysa nawaii* Matsumura.

**nawaii** Matsumura

- 1900 *Epeurysa nawaii* Matsumura, Ent. Nachr. 26: 261. [n. sp.]<sup>1</sup> Japan<sup>1</sup>  
1907 *Epeurysa nawaii* Oshanin, Verz. Palaeark. Hemip. 2 (2): 311. China<sup>2</sup>  
[Listed.]<sup>1</sup> Formosa<sup>3</sup>  
1912 *Epeurysa nawaii* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>1</sup>  
1931 *Eurysa nawae* [sic] Matsumura, 6000 Ill. Ins. Japan Empire :1266. [Described, illustrated.]<sup>1</sup>  
1932 *Eurysa (Epeurysa) nawae* [sic] Matsumura, Conspectus Japanese Injurious Insects. 1932: 230; Pl. [16], Fig. 10. [Economics, illustrated.]<sup>1</sup>  
1935 *Eurysa nawae* [sic] Cheo, Peking Nat. Hist. Bull. 10: 106. [Food plants.]<sup>1,2,3</sup>

Genus **PSEUDEMBOLOPHORA** Muir

Orthotype *Pseudembolophora macleayi* [n. sp.] 1920 Muir, Proc. Linn. Soc. New South Wales **45**: 182.

- Pseudembolophora* 1920 Muir, Proc. Linn. Soc. New South Wales **45**: 182. [gen. n.]  
 1935 Schulze, Kükenthal and Heider, Nomenclator animalium **4** (21): 2891. [Listed.]  
 1940 Neave, Nomenclator Zoologicus **3**: 966. [Listed.]

**macleayi** Muir

- 1920 *Pseudembolophora macleayi* Muir, Proc. Linn. Soc. New South Wales **45**: 183; Figs. 1-3. [n. sp., illustrated.]<sup>1</sup> Western Australia<sup>1</sup>  
 1934 *Pseudembolophora macleayi* Muir, Ann. Mag. Nat. Hist. (10) **14**: 575. [Notes.]<sup>1</sup>

Genus **HOMOSURA** Melichar

Orthotype *Homosura braunsi* [n. sp.] 1912 Melichar, Čas. České Spol. Ent. **9**: 1.

- Homosura* 1912 Melichar, Čas. České Spol. Ent. **9**: 1. [gen. n.]  
 1930 Schulze, Kükenthal and Heider, Nomenclator animalium **3** (12): 1588. [Listed.]  
 1939 Neave, Nomenclator Zoologicus **2**: 688. [Listed.]

**braunsi** Melichar

- 1912 *Homosura braunsi* Melichar, Čas. České Spol. Ent. **9**: 2. [n. sp.]<sup>1</sup> Cape of Good Hope

Genus **JUGODINA** Schumacher

Haplotype *Jugodina dictyophoroides* [n. sp.] 1915 Schumacher, Suppl. Ent. **4**: 140.

- Jugodina* 1915 Schumacher, Suppl. Ent. **4**: 140. [gen. n.]  
 1915 Schumacher, Mitt. Zool. Mus. Berlin **8**: 132. [Listed.]  
 1930 Schulze, Kükenthal and Heider, Nomenclator animalium **3** (13): 1716. [Listed.]  
 1939 Neave, Nomenclator Zoologicus **2**: 813. [Listed.]

**dictyophoroides** Schumacher

- 1915 *Jugodina dictyophoroides* Schumacher, Suppl. Ent. **4**: 141. [n. sp.]<sup>1</sup> Formosa<sup>1</sup>  
 1915 *Jugodina dictyophoroides* Schumacher, Mitt. Zool. Mus. Berlin **8**: 132. [Listed.]<sup>1</sup>

Genus **LEIMONODITE** Kirkaldy

Orthotype *Dicranotropis beckeri* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 133.

Type *Leimonodite beckeri* 1915 Muir, Canadian Ent. **47**: 265.

- Leimonodite* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 133. [gen. n.] :12. [Listed.]  
 1912 Waterhouse, Index Zool. **II**: 151. [Listed.]  
 1915 Muir, Canadian Ent. **47**: 212, 265. [Listed.] :300. [Key.]

*Leimonodite*—*Neoperkinsiella*—*Hapalomelus*

- 1931 Schulze, Kükenthal and Heider, Nomenclator animalium 3 (14): 1785.  
[Listed.]  
1939 Neave, Nomenclator Zoologicus 2: 886. [Listed.]

**beckeri** Fieber

- 1866 *Dicranotropis beckeri* Fieber, Verh. Zool. Bot. Ges. Wien 16: 530; Russia<sup>1</sup>  
Pl. 8, Fig. 17. [n. sp., illustrated.]<sup>1</sup>:521, 532. [Listed.] Turkestan<sup>2</sup>  
1872 *Dicranotropis beckeri* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>1</sup>  
1875 *Dicranotropis beckeri* Puton, Cat. Hémip. d'Europe 2 Ed. :122. [Listed.]<sup>1</sup>  
1879 *Dicranotropis beckeri* Fieber, Cicad. d'Europe Pt. 4: 147 (83). [Key.]<sup>1</sup>  
1886 *Dicranotropis* [sic] *beckeri* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :74.  
[Listed.]<sup>1</sup>  
1891 *Dicranotropis beckeri* Oshanin, Mém. Sect. caucasienne Soc. russe Geogr. 23 (1) :48.  
[Listed.]<sup>1</sup>  
1899 *Dicranotropis beckeri* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :109. [Listed.]<sup>1</sup>  
1907 *Dicranotropis beckeri* Oshanin, Verz. Palaeark. Hemip. 2 (2): 332. [Listed.]<sup>1,2</sup>  
1907 *Leimonodile beckeri* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 133. Equals  
*Dicranotropis beckeri* Fieb. 12. [Listed.]  
1912 *Dicranotropis heckeri* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>1,2</sup>  
1929 *Dicranotropis beckeri* Kusnezov, Zool. Anz. 79: 329. [Listed.]<sup>2</sup>

Genus **NEOPERKINSIELLA** Muir

Orthotype *Neoperkinsiella williamsi* [n. sp.] 1926 Muir, Bull. Hawaiian  
Sugar Pl. Assoc. 18: 17.

- Neoperkinsiella* 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 17. [gen. n.]  
1940 Neave, Nomenclator Zoologicus 3: 304. [Listed.]

**guadae** Muir

- 1926 *Neoperkinsiella guadae* Muir, Bull. Hawaiian Sugar Pl. Assoc. Ecuador<sup>1</sup>  
18: 18; Pl. 2, Figs. 39, 40. [n. sp., illustrated.]<sup>1</sup>

**williamsi** Muir

- 1926 *Neoperkinsiella williamsi* Muir, Bull. Hawaiian Sugar Pl. Assoc. Ecuador<sup>1</sup>  
18: 17; Pl. 2, Figs. 36, 37, 38. [n. sp., illustrated.]<sup>1</sup>:18. [Comparative  
note.]

Genus **HAPALOMELUS** Stål

Haplotype *Hapalomelus flavipes* [n. sp.] 1855 Stål, Öfv. Svenska Vet.  
Akad. Förh. 12: 93.

Type *Hapalomelus flavipes* 1915 Muir, Canadian Ent. 47: 264.

[*Gadora* Walker]

[Haplotype *Gadora capensis* [n. sp.] 1858 Walker, List Homop. British  
Mus. Suppl. :84.]

[Type *Gadora capensis* 1915 Muir, Canadian Ent. 47: 263.]

- Hapalomelus* 1853 Stål, Öfv. Svenska Vet. Akad. Förh. 10: 265. [gen. n.]  
1855 Stål, Öfv. Svenska Vet. Akad. Förh. 12: 93. [Listed.]  
*Gadora* 1858 Walker, List. Homop. British Mus. Suppl. :84. [gen. n.]  
*Hapalomelus* 1859 Dohrn, Cat. Hemip. :62. [Listed.]  
1866 Stål, Hemip. Africana 4: 175. [Key.] :176. [Described.]

- Gadora* 1873 Marschall, Nomenclator Zoologicus 1873: 364. [Listed.]  
*Hapalomelus* 1873 Marschall, Nomenclator Zoologicus 1873: 366. [Listed.]  
 1882 Scudder, Nomenclator Zoologicus. Univ. Index :140. [Listed.]  
*Gadora* 1882 Scudder, Nomenclator Zoologicus. Univ. Index :127. [Listed.]  
*Hapalomelus* 1889 Ashmead, Ent. Americana 5: 25. [Key.]  
*Gadora* 1915 Muir, Canadian Ent. 47: 263. To *Hapalomelus* Stål.  
*Hapalomelus* 1915 Muir, Canadian Ent. 47: 264. [Listed.] Equals *Gadora* Walk. :297.  
 [Key.] :212. [Listed.]  
*Hapalomelus* [sic] 1919 Muir, Canadian Ent. 51: 8. [Described.]  
*Hapalomelus* [sic] 1929 Muir, Ann. Mag. Hist. (10) 4: 188. [Listed.]  
*Gadora* 1929 Schulze, Kükenthal and Heider, Nomenclator animalium 3 (11):  
 1331. [Listed.]  
*Hapalomelus* 1930 Schulze, Kükenthal and Heider, Nomenclator animalium 3 (12):  
 1463. [Listed.]  
 1939 Neave, Nomenclator Zoologicus 2: 564. [Listed.]  
*Gadora* 1939 Neave, Nomenclator Zoologicus 2: 430. [Listed.]  
*flavipedi*. Typographical error for *Hapalomelus flavipes* Stål.

**flavipes** Stål

- 1855 *Hapalomelus flavipes* Stål, Öfv. Svenska Vet. Akad. Förh. 12: 93. Natal<sup>1</sup>  
 [n. sp.]<sup>1</sup> Cape Province<sup>2</sup>  
 1858 *Gadora capensis* Walker, List Homop. British Mus. Suppl. :84. [n. sp.]<sup>1</sup> Sierra Leone<sup>3</sup>  
 Cameroon<sup>4</sup>  
 1858 *Cixius* (?) *incertus* Fairmaire and Signoret, Archives Entomologiques Thomson 2: Pl. IX, Fig. 10. [n. sp., illustrated.]<sup>5</sup> Gabon<sup>5</sup>  
 (French  
 1859 *Hapalomelus flavipes* Dohrn, Cat. Hemip. :62. [Listed.]<sup>1</sup> Equatorial  
 1862 *Hapalomelus flavipes* Stål, Öfv. Svenska Vet. Akad. Förh. 19: 488 Africa)  
 Equals *Gadora capensis* Walk.  
 1866 *Hapalomelus flavipes* Stål, Hemip. Africana 4: 176. [Described.]<sup>1</sup> Equals *Gadora capensis* Walk.  
 1866 [*Hapalomelus incertus*] Stål, Hemip. Africana 4: 176. Equals *Cixius* (?) *incertus* Sign.  
 1899 *Hapalomelus flavipedi* [sic] Haglund, Öfv. Svenska Vet. Akad. Förh. 56: 62. [Comparative note.]  
 1899 *Hapalomelus incertus* Haglund, Öfv. Svenska Vet. Akad. Förh. 56: 62. [Notes.]<sup>4</sup>  
 1915 *Hapalomelus flavipes* Muir, Canadian Ent. 47: 263. Equals *Gadora capensis* Walk.  
 1929 *Hapalomelus* [sic] *flavipes* Muir, Ann. Mag. Nat. Hist. (10) 4: 188. [Notes.]<sup>1,2,3</sup> Equals *Gadora capensis* Walk. Equals *Cixius incerta* Sign.  
*incertus* Fairmaire and Signoret. See *Hapalomelus flavipes* Stål.

**Genus EURYBREGMA** Scott

Haplotype *Eurybregma nigrolineata* [n. sp.] 1875 Scott, Ent. Monthly Mag. 12: 92.

Type *Eurybregma nigrolineata* 1894 Edwards, Hemip.-Homop. British Islands Pt. 3: 73.

Type *Eurybregma nigrolineata* 1915 Muir, Canadian Ent. 47: 263.

- Eurybregma* 1875 Scott, Ent. Monthly Mag. 12: 92. [gen. n.]  
 1875 Puton, Cat. Hémipt. d'Europe 2 Ed. :118. [Listed.]  
 1876 Douglas and Scott, Cat. British Hemip. :70. [Listed.]  
 1882 Scudder, Nomenclator Zoologicus. Univ. Index :121. [Listed.]  
 1886 Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :72. [Listed.]  
*Stiroma* [in part.] 1886 Edwards, Syn. British Homop.-Cicadina Pt. 1: 93. [Described, key to species.] :55. [Key.]



*Eurybregma*

- Eurybregma* 1890 Saunders and Edwards, Cat. British Hemiptera 1890: 12. To *Stiroma* Fieb. [error.]  
 1891 Oshanin, Mém. Sect. caucasienne Soc. russe Geogr. 23 (1): 48, 64. [Listed.]  
 1894 Edwards, Hemip.-Homop. British Islands Pt. 3: 73. To *Stiroma* Fieb. [error.]  
 1897 Horváth, Fauna Regni Hungariae :56. [Listed.]  
 1899 Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :107. [Listed.]  
 1901 Horváth, Zool. Erg. Zichy :256. [Listed.]  
 1904 Hüeber, Jahresh. Ver. Vaterl. Nat. Württemberg 60: 269. [Listed.]  
 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 131. To *Criomorpha* Curt. [error.]  
 1907 Oshanin, Verz. Palaeark. Hemip. 2(2): 334. To *Stiroma* Fieb. [error.]  
 1908 Saunders and Edwards, Cat. British Hemiptera 1908: 15. To *Stiroma* Fieb. [error.]  
 1912 Oshanin, Kat. Paläark. Hemip. :120. To *Stiroma* Fieb. [error.]  
 1915 Muir, Canadian Ent. 47: 212, 263. [Listed.] :298. [Key.]  
 1916 Van Duzee, Check List Hemip. America :85. To *Criomorpha* Curt. [error.]  
 1917 Van Duzee, Cat. Hemip. America :781. [Listed.]  
 1929 Schulze, Kükenthal and Heider, Nomenclator animalium 2(10): 1262. [Listed.]  
 1939 China, Ent. Monthly Mag. 75: 43. To *Criomorpha* Curt. [error.]  
 1939 Neave, Nomenclator Zoologicus 2: 357. [Listed.]

*nigrolineata* Scott

- 1875 *Eurybregma nigrolineata* Scott, Ent. Monthly Mag. 12: 92. [n. England<sup>1</sup>  
 sp.]<sup>1</sup> Kaukasus<sup>2</sup>  
 1875 *Eurybregma nigrolineata* Puton, Cat. Hémip. d'Europe 2 Ed. :118. British Isles<sup>3</sup>  
 [Listed.]<sup>3</sup> France<sup>4</sup>  
 1876 *Eurybregma nigrolineata* Douglas and Scott, Cat. British Hemip. Germany<sup>5</sup>  
 :70. [Listed.]<sup>3</sup> Austria<sup>6</sup>  
 1886 *Eurybregma nigrolineata* Scott, Ent. Monthly Mag. 23: 106. [De- Russia<sup>7</sup>  
 scribed.]<sup>1</sup> Hungary<sup>8</sup>  
 1886 *Stiroma nigrolineata* Edwards, Syn. British Homop.-Cicadina Pt. Siberia<sup>9</sup>  
 1: 96. [Described.]<sup>3</sup> Equals *Eurybregma nigrolineata* Scott. :93. Europe<sup>10</sup>  
 [Key.] Turkestan<sup>11</sup>  
 1886 *Eurybregma nigrolineata* Puton, Cat. Hémip. Faune Paléarctique  
 3 Ed. :72. [Listed.]<sup>3</sup>  
 1888 *Eurybregma nigrolineata* Puton, Rev. Ent. 7: 110. [Listed.]<sup>4</sup>  
 1889 *Stiroma nigrolineata* Edwards, Trans. Nat. Soc. Norwich 4: 706. [Listed.]<sup>1</sup>  
 1890 *Stiroma nigrolineata* Buckton, Mon. British Cicadae 3: 71; Pl. XIX, Figs. 2, 2a-d. [Described, illustrated.]<sup>3</sup> Equals *Eurybregma nigrolineata* Scott. :Pl. XXI, Fig. 4.  
 [Illustrated.]  
 1890 *Stiroma nigrolineata* Saunders and Edwards, Cat. British Hemiptera 1890: 12. [Listed.]<sup>3</sup> Equals *Eurybregma nigrolineata* Scott.  
 1891 *Eurybregma nigrolineata* Oshanin, Mém. Sect. caucasienne Soc. russe Geogr. 23 (1): 48, 64. [Listed.]<sup>7</sup>  
 1891 *Eurybregma nigrolineata* Jakovleff, Horae Soc. Ent. Rossicae 25: 426. [Listed.]  
 1894 *Stiroma nigrolineata* Edwards, Hemip.-Homop. British Islands Pt. 3: 76. [De-  
 scribed.]<sup>3</sup> :74. [Key.]  
 1894 *Stiroma nigrolineata* Edwards, Hemip.-Homop. British Islands Pt. 2: Pl. 8, Figs. 9,  
 10. [Illustrated.]  
 1897 *Eurybregma nigrolineata* Horváth, Fauna Regni Hungariae :56. [Listed.]<sup>8</sup>  
 1897 *Eurybregma nigrolineata* Melichar, Wien Ent. Zeit. 16: 148. [Notes.]<sup>1,5,6,8</sup> Equals  
*Stiroma nigrolineata* Edw.  
 1899 *Eurybregma nigrolineata* Melichar, Ent. Jahrb. 1899: (6). [Listed.]<sup>6</sup>

- 1899 *Eurybregma nigrolineata* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :107. [Listed.]<sup>4,5,6</sup>
- 1900 *Eurybregma nigrolineata* Melichar, Wien Ent. Zeit. 19: 45. [Listed.]<sup>9</sup>
- 1901 *Eurybregma nigrolineata* Horváth, Zool. Erg. Zichy :256. [Listed.]<sup>7</sup>
- 1904 *Eurybregma nigrolineata* Hüeber, Jahresh. Ver. Vaterl. Nat. Württemberg 60: 269. [Listed.]<sup>6</sup>
- 1907 *Stiroma nigrolineata* Oshanin, Verz. Palaeark. Hemip. 2 (2): 336. [Listed.]<sup>3,4,5,7,8,9,11</sup>  
Equals *Emrybregma nigrolineata* Scott.
- 1907 *Stiroma nigrolineata* Oshanin, Cat. Homop. St. Pétersbourg 1907: 248 (36). [Listed.]<sup>7</sup>  
Equals *Eurybregma nigrolineata* Scott.
- 1908 *Stiroma nigrolineata* Saunders and Edwards, Cat. British Hemiptera 1908: 15. [Listed.]<sup>3</sup> Equals *Eurybregma nigrolineata* Scott.
- 1912 *Stiroma nigrolineata* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>9,10,11</sup>
- 1913 *Stiroma nigrolineata* Melichar, Mitt. Kaucaischen Mus. 7: 14. [Listed.]<sup>2</sup>
- 1921 *Stiroma nigrolineata* Lallemand, Bull. Soc. Ent. France 1921: 224. [Note.]
- 1925 *Stiroma nigrolineata* Singh-Pruthi, Trans. Ent. Soc. London 1925: 229; Pl. XXXI, Fig. 269. [Genitalia, illustrated.]
- 1928 *Stiroma nigrolineata* Wnukowsky, Zool. Anz. 77: 191. [Listed.]<sup>9</sup>
- 1929 *Stiroma nigrolinata* [sic] Kusnezov, Wien. Ent. Zeit. 46: 169. [Listed.]<sup>11</sup>
- 1935 *Stiroma nigrolineata* Haupt, Tierwelt Mitteleuropas 4 (3): 138. [Key.]<sup>9,10,11</sup>
- 1939 *Criomorphus nigrolineatus* China, Ent. Monthly Mag. 75: 47. [Key.]
- 1939 *Criomorphus nigrolineatus* Hassan, Trans. Ent. Soc. London 89: 354. [Key.] :347, 348, 353, 355, 360; Figs. 7A–B. [Life history, illustrated.] :346, 382. [Listed.]<sup>7</sup>
- 1939 *C[riomorphus] nigrolineatus* Hassan, Trans. Ent. Soc. London 89: 373, 377. [Parasites.]

Genus **KORMUS** Fieber

Haplotype *Kormus artemisiae* [n. sp.] 1866 Fieber, Verh. Zool. Bot. Ges. Wien 16: 520.

Type *Kormus artemisiae* 1912 Oshanin, Kat. Paläark. Hemip. :118.

Type *Kormus artemisiae* 1914 Crawford, Mon. Delphacidae :586.

Type *Kormus artemisiae* 1915 Muir, Canadian Ent. 47: 264.

Haplotype *Kormus artemisiae* 1916 Van Duzee, Check List Hemip. America :84.

Haplotype *Kormus artemisiae* 1917 Van Duzee, Cat. Hemip. America :770.

Type *Kormus artemisiae* 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 210.

- Kormus** 1866 Fieber, Verh. Zool. Bot. Ges. Wien 16: 520. [gen. n.] :532. [Listed.]  
1867 Dallas, Zool. Rec. 3: 560. [Key.]  
1872 Fieber, Kat. Europäischen Cicad. :5. [Listed.]  
1873 Marschall, Nomenclator Zoologicus 1873: 368. [Listed.]  
1875 Fieber, Cicad. d'Europe Pt. 1: 374 (87). [Key.]  
1875 Puton, Cat. Hémipt. d'Europe 2 Ed. :118. [Listed.]
- Hormus** [sic] 1876 Fieber, Cicad. d'Europe Pt. 2: Pl. 7. [Illustrated.]
- Kormus** 1878 Fieber, Cicad. d'Europe Pt. 3: 301 (32). [Listed.]  
1882 Scudder, Nomenclator Zoologicus Univ. Index :165. [Listed.]  
1884 Mayr, Tabellen :20. [Key.]  
1886 Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :72. [Listed.]  
1889 Ashmead, Ent. Americana 5: 28. [Key.]  
1897 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 236. [Comparative note.]  
1899 Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :107. [Listed.]
- Liburnia**  
**Kormus** 1905 Fowler, Biologic Centrali-Americana 1: 133. [Notes.] [nec Stål] [in part.]  
1907 Oshanin, Verz. Palaeark. Hemip. 2 (2): 309. [Listed.]

*Kormus*—*Smicrotodelphax*

- 1912 Oshanin, Kat. Paläark. Hemip. :118. [Listed.]  
 1914 Van Duzee, Psyche **21**: 164. [Notes.]  
 1914 Crawford, Mon. Delphacidae :586. [Described.] :563. [Key.]  
 1915 Muir, Canadian Ent. **47**: 212, 264. [Listed.] :298. [Key.]  
 1916 Van Duzee, Check List Hemip. America :84. [Listed.]  
 1917 Van Duzee, Cat. Hemip. America :770. [Listed.]  
 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 8. [Listed.] :5.  
 [Key.]  
 1929 Haupt, Zool. Jahrb. Syst. Ökol. **58**: 210. [Key.]  
 1930 Schulze, Kükenthal and Heider, Nomenclator animalium **3** (13): 1734.  
 [Listed.]  
 1939 Neave, Nomenclator Zoologicus **2**: 834. [Listed.]

*apicimaculus* Fowler

- 1905 *Liburnia apicimacula* Fowler, Biologia Centrali-Americana **1**: Guatemala<sup>1</sup>  
 136; Pl. 13, Figs. 16, 16a. [n. sp., illustrated.]<sup>1</sup>  
 1914 *Megamelus apicimaculatus* [sic] Crawford, Mon. Delphacidae :630. [Listed.]<sup>1</sup> Equals  
*Liburnia apicimaculata* [sic] Fowl. :606. [Key.]  
 1924 [*Kormus apicimaculus*] Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 8.  
 Equals *Liburnia apicimacula* Fowl.

*artemisiae* Fieber

- 1866 *Kormus artemisiae* Fieber, Verh. Zool. Bot. Ges. Wien **16**: 523; Russia<sup>1</sup>  
 Pl. VIII, Fig. 8. [n. sp., illustrated.]<sup>1</sup> :520. 532. [Listed.] Caucasus<sup>2</sup>  
 1872 *Kormus artemisiae* Fieber, Kat. Europäischen Cicad. :5. [Listed.]<sup>1</sup>  
 1875 *Kormus artemisiae* Puton, Cat. Hémipt. d'Europe 2 Ed. :118. [Listed.]<sup>1</sup>  
 1878 *Kormus artemisiae* Fieber, Cicad. d'Europe Pt. **3**: 302 (33). [Described.]<sup>1</sup> Equals  
*Delphax artemisiae* Beck. [nom. nud.]  
 1886 *Kormus artemisiae* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :72. [Listed.]<sup>1</sup>  
 1899 *Kormus artemisiae* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :107. [Listed.]<sup>1</sup>  
 1907 *Kormus artemisiae* Oshanin, Verz. Palaeark. Hemip. **2** (2): 309. [Listed.]<sup>1</sup>  
 1912 *Kormus artemisiae* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>1</sup>  
 1914 *Kormus artemisiae* Melichar, Mitt. Kaukasischen Mus. **8**: 133 (7). [Listed.]<sup>2</sup>

*californicus* Crawford

- 1914 *Kormus californicus* Crawford, Mon. Delphacidae :586. [n. sp.]<sup>1</sup> California<sup>1</sup>  
 1916 *Kormus californicus* Van Duzee, Check List Hemip. America :84. Pacific States<sup>2</sup>  
 [Listed.]<sup>2</sup>  
 1917 *Kormus californicus* Van Duzee, Cat. Hemip. America :770. [Listed.]<sup>1</sup>  
 1918 *Kormus californica* [sic] Johnson and Ledig, Pomona Jour. Ent. **10**: 8. [Listed.]<sup>1</sup>

Genus *SMICROTATODELPHAX* Kirkaldy

Haplotype *Smicrotodelphax perkinsi* [n. sp.] 1906 Kirkaldy, Bull.  
 Hawaiian Sugar Pl. Assoc. **1** (9): 411.

Type *Smicrotodelphax* [sic] *perkinsi* 1915 Muir, Canadian Ent. **47**: 267.

- Smicrotodelphax* 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **1** (9): 411. [gen. n.]  
 :313. [Listed.]  
 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 127. [Key.] :147.  
 [Listed.]  
 1912 Waterhouse, Index Zool. **II**: 276. [Listed.]  
*Smicrotodelphax* [sic] 1915 Muir, Canadian Ent. **47**: 300. [Key.] :212, 267. [Listed.]  
*Smicrotodelphax* 1917 Muir, Proc. Hawaiian Ent. Soc. **3**: 320. [Listed.]

1936 Schulze, Kükenthal and Heider, Nomenclator animalium 5 (22): 3203. [Listed.]

1940 Neave, Nomenclator Zoologicus 4: 214. [Listed.]

### kirkaldyi Muir

1917 *Smicrotodelphax kirkaldyi* Muir, Proc. Hawaiian Ent. Soc. 3: Java<sup>1</sup>  
320. [n. sp.]<sup>1</sup>

### perkinsi Kirkaldy

1906 *Smicrotodelphax perkinsi* Kirkaldy, Bull. Hawaiian Sugar Pl. Queensland<sup>1</sup>  
Assoc. 1 (9): 412. [n. sp.]<sup>1</sup>:313. [Listed.]<sup>2</sup> Australia<sup>2</sup>

1907 *Smicrotodelphax perkinsi* Kirkaldy, Bull. Hawaiian Sugar Pl.  
Assoc. 3: 147; Pl. 16, Figs. 14, 15; Pl. 18, Fig. 14.

1917 *Smicrotodelphax perkinsi* Muir, Proc. Hawaiian Ent. Soc. 3: 320. [Note.]

### Genus NEOMALAXA Muir

Haplotype *Neomalaxa flava* [n. sp.] 1918 Muir, Proc. Hawaiian Ent. Soc. 3: 426.

Type *Neomalaxa flava* 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 9.

Type *Neomalaxa flava* 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 239.

*Neomalaxa* 1918 Muir, Proc. Hawaiian Ent. Soc. 3: 426. [gen. n.]

1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 6. [Key.] :9  
[Listed.]

1926 Muir, Trans. Ent. Soc. London 1926: 378 [Morphology of the aedeagus.]

1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 1. [Distribution.] :13, 14.  
[Comparative note.] :15. [Listed.]

1932 Schulze, Kükenthal and Heider, Nomenclator animalium 4 (16): 2225.  
[Listed.]

1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 234. [Key.] :239.  
[Listed.]

1940 Neave, Nomenclator Zoologicus 3: 300. [Listed.]

### flava Muir

1918 *Neomalaxa flava* Muir, Proc. Hawaiian Ent. Soc. 3: 427. [n. sp.]<sup>1</sup> Puerto Rico<sup>1</sup>

1923 *Neomalaxa flava* Wolcott, Jour. Dept. Agr. Porto Rico 7: 273. British Guiana<sup>2</sup>  
[Listed.]<sup>1</sup> Brazil<sup>3</sup>

1924 *Neomalaxa flava* Muir and Giffard, Bull. Hawaiian Sugar Pl. Ecuador<sup>4</sup>  
Assoc. 15: 9. [Notes.]<sup>1</sup> Trinidad<sup>5</sup>

1926 *Neomalaxa flava* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 15. [Notes.]<sup>1,2,3,4,5</sup>

1926 *Neomalaxa flava* Muir, Trans. Ent. Soc. London 1926: 378; Pl. 88, Figs. 16–17.  
[Morphology of aedeagus, illustrated.]

1929 *Neomalaxa flava* Osborn, Jour. Dept. Agr. Porto Rico 13: 110. [Listed.]<sup>1</sup>

1935 *Neomalaxa flava* Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 239. [De-  
scribed.]<sup>1</sup>

1936 *Neomalaxa flava* Wolcott, Jour. Agr. Univ. Puerto Rico 20: 106.  
[Listed.]<sup>1</sup>

### Genus NILAPARVATA Distant

Orthotype *Nilaparavata greeni* [n. sp.] [*Delphax lugens* Stål] 1906 Dis-  
tant, Fauna British India 3: 473.

Type [*Nilaparavata*] *greeni* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl.  
Assoc. 3: 149.



*Nilaparvata*

- Type *Nilaparvata greeni* 1915 Muir, Canadian Ent. **47**: 266.  
 Type *Nilaparvata greeni* 1923 Muir, Philippine Jour. Sci. **22**: 174.  
 Type *Nilaparvata greeni* 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 16.  
 Type *Nilaparvata sordescens* 1925 China, Ann. Mag. Nat. Hist. (9) **16**: 479.  
 Type *Nilaparvata greeni* 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands **14**: 255.

[*Kalpa* Distant]

- [Orthotype *Kalpa aculeata* [n. sp.] 1906 Distant, Fauna British India **3**: 474.]  
 [Type *Kalpa aculeata* 1915 Muir, Canadian Ent. **47**: 264.]  
 [Type *Kalpa aculeata* 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 16.]

- Nilaparvata* 1906 Distant, Fauna British India **3**: 473. [gen. n.] :465. [Key.]  
*Kalpa* 1906 Distant, Fauna British India **3**: 474. [gen. n.] :465. [Key.]  
*Delphax* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 149. [Notes, key to Australo-Fijian species.] [nec Fabricius] [in part.]  
*Nilaparvata* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 149. [Listed.] To *Delphax* (nec Fabr.) [error.]  
*Kalpa* 1912 Waterhouse, Index Zool. **II**: 144. [Listed.]  
*Nilaparvata* 1912 Waterhouse, Index Zool. **II**: 193. [Listed.]  
 1915 Muir, Canadian Ent. **47**: 212, 266, 300 [Listed.] :302. [Key, note.]  
*Kalpa* 1915 Muir, Canadian Ent. **47**: 212, 264 [Listed.] :302. [Key, note.]  
*Nilaparvata* 1916 Distant, Fauna British India **6**: 141. [Listed.]  
 1917 Distant, Trans. Linn. Soc. London Zool. **17**: 303. [Notes.]  
 1919 Muir, Canadian Ent. **51**: 7. To *Delphacodes* Fieb. [error.]  
*Kalpa* 1919 Muir, Canadian Ent. **51**: 8. To *Delphacodes* Fieb. [error.]  
 [Nilaparvata] 1922 Muir, Rec. Indian Mus. **24**: 350. [Comparative note.]  
*Nilaparvata* 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 5 [Key.] :16 [Notes.] Equals *Kalpa* Dist.  
 1925 China, Ann. Mag. Nat. Hist. (9) **16**: 479, 480. [Notes.]  
 1926 Muir, Ann. Mag. Hist. (9) **17**: 30. [Listed.]  
 1929 Muir, Ann. Mag. Nat. Hist. (10) **4**: 195. [Listed.]  
*Kalpa* 1930 Schulze, Kükenthal and Heider, Nomenclator animalium **3** (13): 1720. [Listed.]  
*Nilaparvata* 1933 Caresche, Bull. Econ. Indochine **36**: 492. [Notes.]  
 1933 Schulze, Kükenthal and Heider, Nomenclator animalium **4** (17): 2258. [Listed.]  
 1935 Wu, Cat. Ins. Sinensium. **2**: 118. [Listed.]  
 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands **14**: 234. [Key.] :255. [Note.] :248. [Comparative note.]  
*Kalpa* 1939 Neave, Nomenclator Zoologicus **2**: 817. [Listed.]  
*Nilaparvata* 1940 Neave, Nomenclator Zoologicus **3**: 335. [Listed.]

**bakeri** Muir

- 1917 *Delphacodes bakeri* Muir, Proc. Hawaiian Ent. Soc. **3**: 336; Pl. 6, Luzon<sup>1</sup>  
 Fig. 47. [n. sp., Illustrated.] (Philippine  
 1919 *Delphacodes bakeri* Muir, Canadian Ent. **51**: 8. [Comparative Islands)  
 note.] Formosa<sup>2</sup>

- 1922 *Nilaparvata bakeri* Muir, Rec. Indian Mus. 24: 351. Equals  
*Delphacodes bakeri* Muir  
1923 *Nilaparvata bakeri* Muir, Philippine Jour. Sci. 22: 158. [Listed.]<sup>2</sup> Equals *Delphacodes bakeri* Muir.  
1924 [*Nilaparvata bakeri*] Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 17. [Listed.] Equals *Delphacodes bakeri* Muir.

*greeni* Distant. See *Nilaparvata lugens* Stål.

### *lugens* Stål

- 1854 *Delphax lugens* Stål, Öfv. Svenska Vet. Akad. Förh. 11: 246. Java<sup>1</sup>  
[n. sp.]<sup>1</sup> Ceylon<sup>2</sup>  
1858 *Delphax lugens* Walker, List Homop. British Mus. Add. :325. Queensland<sup>3</sup>  
[Listed.]<sup>1</sup> Fiji<sup>4</sup>  
1859 *Delphax lugens* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup> Philippine  
1859 *Delphax lugens* Stål, Freg. Eugenies resa 4: 276. [Described.]<sup>1</sup> Islands<sup>5</sup>  
1863 *Delphax sordescens* Motschulsky, Bull. Soc. Nat. Moscou 36: 109. India<sup>6</sup>  
[n. sp.]<sup>2</sup> China<sup>7</sup>  
1891 *Delphax sordescens* Kirby, Jour. Linn. Soc. Zool. 24: 141. [Listed.]<sup>2</sup> Ceram<sup>8</sup>  
1903 *Liburnia sordescens* Melichar, Homop.-Fauna Ceylon :102; Pl. (Malaysia)  
II, Figs. 24, 24a. [Described, illustrated.]<sup>2</sup> Equals *Delphax* Sumatra<sup>9</sup>  
*sordescens* Motsch. :225. [Listed.]<sup>2</sup> Sebesi<sup>10</sup>  
1906 *Nilaparvata greeni* Distant, Fauna British India 3: 473; Fig. 260. (East Indies)  
[n. sp., illustrated.]<sup>2</sup> Guam<sup>11</sup>  
1906 *Kalpa aculeata* Distant, Fauna British India 3: 474; Fig. 261. Indo China<sup>12</sup>  
[n. sp., illustrated.]<sup>2</sup> Malay  
1906 *Liburnia sordescens* Distant, Fauna British India 3: 486. [De- Peninsula<sup>13</sup>  
scribed.]<sup>2</sup> Equals *Delphax sordescens* Motsch. Dutch East  
1907 *Delphax ordovix* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 152. Indies<sup>14</sup>  
[n. sp.]<sup>3</sup> :151. [Key.] :13. [Listed.] :153. [Comparative note.]  
1907 *Delphax parysatis* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 153; Pl. X, Figs. 10, 11. [n. sp., illustrated.]<sup>3</sup> :151. [Key.] :13. [Listed.]  
1907 *Dicranotropis anderida* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 133. [n. sp., key.]<sup>3,4</sup> :12 [Listed.]  
1914 *Liburnia sordescens* Melichar, Notes Leyden Mus. 36: 111. [Listed.]<sup>1</sup>  
1916 *Nilaparvata greeni* Distant, Fauna British India 6: 141. [Listed.]<sup>6</sup>  
1917 *Delphacodes anderida* Muir, Proc. Hawaiian Ent. Soc. 3: 335; Pl. 6, Fig. 35. [De-  
scribed, illustrated.]<sup>1,3,4,5,7,8</sup> Equals *Dicranotropis anderida* Kirk. :311. [Listed.]<sup>4,7</sup>  
:337. [Comparative note.]  
1917 *Delphacodes parysatis* Muir, Proc. Hawaiian Ent. Soc. 3: 333. [Listed.] Equals  
*Delphax parysatis* Kirk.  
1917 *Delphacodes ordovix* [sic] Muir, Proc. Hawaiian Ent. Soc. 3: 333. [Listed.] Equals  
*Delphax ordovix* [sic] Kirk.  
1917 *Delphax sordescens* Muir, Proc. Hawaiian Ent. Soc. 3: 311. [Listed.]<sup>2</sup>  
1917 *Liburnia sordescens* Muir, Proc. Hawaiian Ent. Soc. 3: 336. [Comparative note.]  
1919 *Liburnia (Delphacodes) sordescens* Dammerman, Landbouwdierkunde van Oost-  
Indië 1919: 169; Fig. 72. [Economics, illustrated.]<sup>14</sup>  
1919 *Delphacodes sordescens* Muir, Canadian Ent. 51: 7. Equals *Nilaparvata greeni* Dist.  
Equals *Delphacodes anderida* Kirk. :8 [Listed.] Equals *Kalpa aculeata* Dist.  
1922 *Nilaparvata sordescens* Muir, Rec. Indian Mus. 24: 350. [Notes.]<sup>6</sup> Equals *Delphax*  
*sordescens* Motsch. Equals *Liburnia sordescens* Motsch. Equals *Nilaparvata greeni*  
Dist. Equals *Kalpa aculeata* Dist. Equals *Dicranotropis anderida* Kirk. Equals  
*Delphacodes anderida* Kirk.  
1923 *Nilaparvata greeni* Muir, Philippine Jour. Sci. 22: 174. [Notes.]<sup>9</sup> Equals *Dicrano-*  
*tropis anderida* Kirk. Equals *Delphax sordescens* Motsch. (?)  
1924 *Nilaparvata lugens* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15:16  
[Synonymy.] Equals *Nilaparvata greeni* Dist. Equals *Kalpa aculeata* Dist. Equals

*Nilaparvata*

- Dicranotropis anderida* Kirk. Equals *Delphax ordovix* Kirk. Equals *Delphax lugens* Stål. Equals *Delphax parysatis* Kirk. Equals *Delphax sordescens* Motsch.
- 1924 [*Nilaparvata*] *greeni* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 17. [Listed.]
- 1925 *Nilaparvata sordescens* China, Ann. Mag. Nat. Hist. (9) 16: 480. [Comparative note.] Equals [*Nilaparvata greeni* Dist.]
- 1930 *Nilaparvata lugens* Muir, Treubia 12: 31. [Listed.]<sup>1,10</sup>
- 1933 *Nilaparvata lugens* Caresche, Bull. Econ. Indochine 36: 492; Pl. II. [Economics, illustrated.]<sup>12</sup> Equals *Delphax parysatis* Kirk. Equals *Delphax ordovix* Kirk. Equals *Dicranotropis anderida* Kirk. Equals *Kalpa aculeata* Dist. Equals *Nilaparvata greeni* Dist. Equals *Delphax sordescens* Motsch. Equals *Delphax lugens* Stål.
- 1933 *Nilaparvata lugens* Hsu, Yearbook Bur. Ent. Hangchow 1932: 333. [Listed.]<sup>7</sup>
- 1934 *Nilaparvata* [sic] *greeni* Hutson, Adm. Rept. Ceylon Dept. Agr. 1933: D134 (1). [Economics.]<sup>2</sup>
- 1934 *Nilaparvata sordescens* Corbett, Rept. Dept. Agr. Straits Settlements [General Series] 19: 42. [Economics.]<sup>13</sup>
- 1935 *Nilaparvata sordescens* Corbett, Rept. Dept. Agr. Straits Settlements (General Series) 21: 51. [Economics.]<sup>13</sup>
- 1935 *Nilaparvata lugens* Cheo, Peking Nat. Hist. Bull. 10: 107. [Food plants.]<sup>7</sup>
- 1940 *Nilaparvata lugens* Swezey, Hawaiian Plant Rec. 44: 162. [Economics.]<sup>11</sup> :181. [Listed.]

**mahensis** Distant

- 1917 *Nilaparvata mahensis* Distant, Trans. Linn. Soc. London Zool. 17: 304; Pl. 51. Figs. 14, 14A. [n. sp., illustrated.]<sup>1</sup> Seychelles<sup>1</sup>  
(Indian Ocean)
- 1919 *Delphacodes mahensis* Muir, Canadian Ent. 51: 8. Equals *Nilaparvata mahensis* Dist.

**mui** China

- 1925 *Nilaparvata* (?) *mui* China, Ann. Mag. Nat. Hist. (9) 16: 480; China<sup>1</sup>  
Fig. 4F. [n. sp., illustrated.]<sup>1</sup>
- 1935 *Nilaparvata mui* Wu, Cat. Ins. Sinensium. 2: 118. [Listed.]<sup>1</sup>

**myersi** Muir

- 1923 *Nilaparvata myersi* Muir, Trans. New Zealand Inst. 54: 258; Figs. 1, 1a. [n. sp., illustrated.]<sup>1</sup> New Zealand<sup>1</sup>
- 1924 *Nilaparvata myersi* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 17. [Listed.]<sup>1</sup>

**nigritarsis** Muir

- 1926 *Nilaparvata nigritarsis* Muir, Ann. Mag. Nat. Hist. (9) 17: 30; Natal<sup>1</sup>  
Fig. 29. [n. sp., illustrated.]<sup>1</sup>
- 1929 *Nilaparvata nigritarsis* Muir, Ann. Mag. Nat. Hist. (10) 4: 195. [Listed.]<sup>1</sup>

*oryzae*. Typographical error for *Nilaparvata oryzae* Matsumura.

**oryzae** Matsumura

- 1899 [*Delphax oryzae*] Onuki, Insect World 3: 42; Pl. II, Fig. 1. [Illustrated.]<sup>1</sup> Japan<sup>1</sup>  
Korea<sup>2</sup>
- 1907 *Delphax oryzae* Matsumura, Annot. Zool. Japonenses 6: 86, 89. [n. sp.]<sup>1</sup> Formosa<sup>3</sup>  
China<sup>4</sup>
- 1926 *Liburnia oryzae* Kato, Insect World 30: 153. [Listed.]<sup>1</sup> Manchuria<sup>5</sup>
- 1930 *Liburnia* (*Delphax*) *oryzae* Kuwana, Proc. Pacific Sci. Cong. Java 4: 214. [Economics.]<sup>1</sup>
- 1930 *Liburnia oryzae* Nakayama, Proc. Pacific Sci. Cong. Java 4: 181. [Economics.]<sup>2</sup>

- 1930 *Liburnia oryzae* Esaki and Hashimoto, Publ. Kyushu Imp. Univ. Ent. Lab. 1: 4, 5, [Economics.]
- 1931 *Delphacodes oryzae* Esaki and Hashimoto, Publ. Kyushu Imp. Univ. Ent. Lab. 2: 4, 5. [Economics.]
- 1931 *Liburnia oryzae* Clausen, Cir. United States Dept. Agr. 168: 52. [Economics.]<sup>1</sup> :45. [Listed.]<sup>1,2,3</sup>
- 1931 *Liburnia oryzae* Matsumura, 6000 Ill. Ins. Japan Empire :1268. [Described, illustrated.]<sup>1</sup>
- 1932 *Nilaparvata oryzae* Kaburaki and Imamura, Proc. Imp. Acad. Japan 8: 139. [Parasites.]<sup>1</sup>
- 1932 *Liburnia oryzae* Kusnetzov, Bull. Plant Prot. I Ser. :Ent. 4: 43. [Listed.] Equals *Delphacodes oryzae* Mats.]
- 1932 *Liburnia (Delphax) oryzae* Matsumura, Consp. Japanese Inj. Ins. 1932: 223. [Economics.]<sup>1</sup>
- 1932 *Nilaparvata oryzae* Esaki, Oyo-Dobuts. Zasshi 4: 1. [Listed.]<sup>1</sup>
- 1932 *Nilaparvata oryzae* Esaki, Short Course Lectures, Leaf-hoppers :7. [Listed.]<sup>1</sup> :13. Economics.]<sup>1</sup>
- 1932 *Nilaparvata oryzae* Esaki, Iconographia Insectorum Japonicorum :1785. [Described, illustrated.]<sup>1</sup>
- 1933 *Nilaparvata oryzae* Esaki and Hashimoto, Publ. Kyushu Imp. Univ. Ent. Lab. 4: 16; Pls. 3-4. [Economics, illustrated.]<sup>1</sup> :20. [Listed.]
- 1933 *Nilaparvata oryzae* Kato, Three Colour Ill. Ins. Japan 4: Pl. 15, Fig. 1. [Illustrated.]<sup>1</sup>
- 1933 *Liburnia oryzae* Hsu, Yearbook Bur. Ent. Hangchow 1932: 333. [Listed.]<sup>4</sup>
- 1933 *Nilaparvata* [sic] *oryzae* [sic] Kato, Ent. World 1: 19. [Listed.]<sup>5</sup>
- 1934 *Delphax oryzae* Silvestri, Compendio di entomologie applicata 1: 362. [Listed.]
- 1934 *Liburnia oryzae* [sic] Fukuda, Bull. Dept. Agr. Formosa 99: 1. [Economics.]<sup>3</sup>
- 1935 *Delphacodes oryzae* Cheo, Peking Nat. Hist. Bull. 10: 106. [Food plants.]<sup>1,2,3,4</sup>
- 1936 *Nilaparvata oryzae* Esaki, Agr. Hort. 11: 2179 (61). [Listed.] :2184 (66); Fig. 6. [Described, illustrated.]
- 1936 *Nilaparvata oryzae* Esaki and Hashimoto, Publ. Ent. Lab. Dept. Agr. Kyushu Imp. Univ. 7: Pls. 1, 4, 5. [Illustrated.]
- 1937 *Liburnia oryzae* Efimoff, Centr. Lab. Quar. Adm. 8: 27, 41. [Listed.]
- 1937 *Nilaparvata oryzae* Esaki and Hashimoto, Noj. Min. Agr. and For. 127: 67, 133; Pl. 5. [Economics, illustrated.]<sup>1</sup> :3, 130. [Listed.]<sup>1</sup> :134, 135. [Parasites.]

### seminula Melichar

- 1914 *Nilaparvata seminula* Melichar, Notes Leyden Mus. 36: 110. Java<sup>1</sup>  
[n. sp.]<sup>1</sup>

*sordescens* Motschulsky. See *Nilaparvata lugens* Stål.

### wolcottii Muir and Giffard

- 1923 *Nilaparvata wolcottii* Wolcott, Jour. Dept. Agr. Porto Rico 7: 273. Puerto Rico<sup>1</sup>  
[Listed.]<sup>1</sup> [nom. nud.]
- 1924 *Nilaparvata wolcottii* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 17;  
Pl. 6, Figs. 124, 125. [n. sp., illustrated.]<sup>1</sup>
- 1929 *Nilaparvata wolcottii* Osborn, Jour. Dept. Agr. Porto Rico 13: 111. [Listed.]<sup>1</sup>
- 1935 *Nilaparvata wolcottii* Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 255. [Described.]<sup>1</sup>
- 1936 *Nilaparvata wolcottii* Wolcott, Jour. Agr. Univ. Puerto Rico 20: 111. [Listed.]<sup>1</sup>

### Genus ZULEIKA Distant

Haplotype *Zuleika bengalensis* [n. sp.] 1912 Distant, Ann. Mag. Nat. Hist. (8) 9: 193.

Type *Zuleika bengalensis* 1915 Muir, Canadian Ent. 47: 268.

Type *Zuleika bengalensis* 1916 Distant, Fauna British India 6: 144.



*Zuleika—Mestus—Prokelisia*

- Zuleika* 1912 Distant, Ann. Mag. Nat. Hist. (8) 9: 193. [gen. n.]  
 1915 Muir, Canadian Ent. 47: 212, 268. [Listed.] :301. [Key.]  
 1916 Distant, Fauna British India 6: 144. [Described.]  
 1918 Muir, Proc. Hawaiian Ent. Soc. 3: 427. [Comparative note.]  
 1919 Muir, Canadian Ent. 51: 7. [Notes.]  
 1940 Neave, Nomenclator Zoologicus 4: 708. [Listed.]

**bengalensis** Distant

- 1912 *Zuleika bengalensis* Distant, Ann. Mag. Nat. Hist. (8) 9: 194. India<sup>1</sup>  
 [n. sp.]<sup>1</sup>  
 1916 *Zuleika bengalensis* Distant, Fauna British India 6: 144; Fig. 104. [Described, illustrated.]<sup>1</sup>

Genus **MESTUS** Motschulsky

Logotype *Mestus morio* Distant, Fauna British India 3: 489.

Type *Mestus morio* 1915 Muir, Canadian Ent. 47: 265.

- Mestus* 1863 Motschulsky, Bull. Soc. Nat. Moscou 36: 111. [gen. n.]  
 1873 Marschall, Nomenclator Zoologicus 1873: 372. [Listed.]  
 1882 Scudder, Nomenclator Zoologicus. Univ. Index :194. [Listed.]  
 1903 Melichar, Homop.-Fauna Ceylon :225. [Listed.]  
 1906 Distant, Fauna British India 5: 489. [Described.] :466. [Listed.]  
 1915 Muir, Canadian Ent. 47: 265. [Listed.]  
 1931 Schulze, Kükenthal and Heider, Nomenclator animalium 3 (15): 2052.  
 [Listed.]  
 1940 Neave, Nomenclator Zoologicus 3: 124. [Listed.]

**morio** Motschulsky

- 1863 *Mestus morio* Motschulsky, Bull. Soc. Nat. Moscou 36: 111; Pl. Ceylon<sup>1</sup>  
 II, Fig. 24. [n. sp., illustrated.]<sup>1</sup>  
 1891 *Mestus morio* Kirby, Jour. Linn. Soc. Zool. 24: 141. [Listed.]<sup>1</sup>  
 1903 *Mestus morio* Melichar, Homop.-Fauna Ceylon :105. Equals *Mestus testaceus* Motsch.  
 [error.] :225. [Listed.] Equals [*Mestus*] *testaceus* Motsch. [error.]  
 1906 *Mestus morio* Distant, Fauna British India 3: 489. [Described.]<sup>1</sup> :490. [Comparative  
 note.]

*morio* Melichar [nec Motschulsky]. See *Anectopia mandane* Kirkaldy.

*nigropunctatus* Motschulsky. See *Dicranotropis nigropunctata* Motschulsky.

**testaceus** Motschulsky

- 1863 *Mestus testaceus* Motschulsky, Bull. Soc. Nat. Moscou 36: 112. Ceylon<sup>1</sup>  
 [n. sp.]<sup>1</sup>  
 1891 *Mestus testaceus* Kirby, Jour. Linn. Soc. Zool. 24: 141. [Listed.]<sup>1</sup>  
 1903 *Mestus testaceus* Melichar, Homop.-Fauna Ceylon :105, 225. To *Mestus morio*  
 Motsch. [error.]  
 1906 *Mestus testaceus* Distant, Fauna British India 3: 480. [Comparative note.]  
 1906 *Mestus testaceus* Distant, Fauna British India 3: 490. [Described.]<sup>1</sup>

Genus **PROKELISIA** Osborn

Haplotype *Prokelisia setigera* [n. sp.] 1905 Osborn, Oho Nat. 5: 373.

Type *Prokelisia setigera* 1915 Muir, Canadian Ent. 47: 266.

Haplotype *Prokelisia setigera* 1916 Van Duzee, Check List Hemip.  
 America :83.

Haplotype *Prokelisia setigera* 1917 Van Duzee, Cat. Hemip. America :765.

- Prokelisia 1905 Osborn, Ohio Nat. 5: 373. [gen. n.]  
*Prokelisis* [sic] 1910 Osborn, Proc. Int. Zool. Congr. 7: 601 (1). [Polymorphism.]  
 Prokelisia 1912 Waterhouse, Index Zool. II: 243. [Listed.]  
 1914 Van Duzee, Psyche 21: 165. [Distinct.]  
 1914 Crawford, Mon. Delphacidae :602. To *Megamelus* Fieb. [error.]  
 1915 Muir, Canadian Ent. 47: 212, 266 [Listed.] :300. [Key.]  
 1916 Van Duzee, Check List Hemip. America :83. [Listed.]  
 1917 Van Duzee, Cat. Hemip. America :765. [Listed.]  
 1920 Britton, Check-List Ins. Connecticut :47. [Listed.]  
 1923 Metcalf, Jour. Elisha Mitchell Soc. America 38: 168. [Key.] :169. [Key to species.]  
 1923 Van Duzee, Fulgoridae Hemip. Connecticut :45. [Key.] :47. [Described, key to species.]  
 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 10. [Notes.] :5. [Key.] :12, 16 [Comparative note.]  
 1928 Metcalf, Mem. Cornell Univ. Agr. Exp. Stat. 101: 180. [Listed.]  
 1930 Johnson, Publ. Nantucket Maria Mitchell Assoc. 3 (2): 36. [Listed.]  
 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 234. [Key.]  
 1935 Schulze, Kükenthal and Heider, Nomenclator animalium 4 (20): 2841. [Listed.]  
 1938 Brimley, Insects of North Carolina 1938: 102. [Listed.]  
 1940 Neave, Nomenclator Zoologicus 3: 913. [Listed.]

**constricta** Crawford

- 1914 *M[egamelus] constrictus* Crawford, Mon. Delphacidae :611. [Com- Colorado<sup>1</sup>  
parative note.] Rocky  
 1914 *Megamelus constrictus* Crawford, Mon. Delphacidae :610; Pl. 48, Mountains<sup>2</sup>  
Figs. M, R. [n. sp., illustrated.]<sup>1</sup> :605, 607. [Key.] California<sup>3</sup>  
 1916 *Megamelus constrictus* Van Duzee, Check List Hemip. America  
:83. [Listed.]<sup>2</sup>  
 1917 *Megamelus constrictus* Van Duzee, Cat. Hemip. America :766. [Listed.]<sup>1,3</sup>  
 1923 *Liburnia constricta* Metcalf, Jour. Elisha Mitchell Soc. 38: 172; Pl. 70, Fig. 691.  
[Key, illustrated.] :148. Equals *Megamelus constrictus* Crawford.  
 1924 [*Prokelisia constricta*] Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 10.  
[Note.] Equals *Megamelus constrictus* Crawford.

**constricta** var. **minuta** Crawford

- 1914 *Megamelus constrictus minutus* Crawford, Mon. Delphacidae :610. California<sup>1</sup>  
[n. var.]<sup>1</sup> :605. [Key.] North America<sup>2</sup>  
 1916 *Megamelus constrictus minutus* Van Duzee, Check List Hemip. Colorado<sup>3</sup>  
America: 83. [Listed.]<sup>2</sup>  
 1917 *Megamelus constrictus minutus* Van Duzee, Cat. Hemip. America :766. [Listed.]<sup>1,3</sup>  
 1924 [*Prokelisia constricta minuta*] Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 10. Equals *Megamelus constrictus minutus* Crawford.

**marginata** Van Duzee

- 1897 *Megamelus marginatus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: Mississippi<sup>1</sup>  
227. [Listed.] :235. [Comparative note.] :234. [n. sp.]<sup>2,3</sup> New Jersey<sup>2</sup>  
 1900 *Megamelus marginatus* Smith, Ins. New Jersey 1900: 89. [Listed.]<sup>2</sup> New York<sup>3</sup>  
 1904 *Megamelus marginatus* Swezey, Prelim. Cat. Fulgoridae North Florida<sup>4</sup>  
America 1904: 33. [Listed.]<sup>2,3</sup> California<sup>5</sup>  
 1909 *Megamelus marginatus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 9: United States<sup>6</sup>  
197. [Notes.]<sup>4</sup> Massachusetts<sup>7</sup>

*Prokelisia*—*Ilburnia*

- 1910 *Megamelus marginatus* Smith, Rept. Ins. New Jersey 1910: 97. Connecticut<sup>8</sup>  
[Listed.]<sup>2</sup> Canada<sup>9</sup>
- 1913 *Megamelus marginatus* Shelford, Bull. Geog. Soc. Chicago 5: 277. North Carolina<sup>10</sup>  
[Ecology.]<sup>11</sup> Illinois<sup>11</sup>
- 1914 *Megamelus marginatus* Van Duzee, Trans. San Diego Soc. Nat.  
Hist. 2: 44. [Listed.]<sup>5</sup>
- 1914 *Megamelus marginatus* Crawford, Mon. Delphacidae :609; Pl. 47, Fig. Q. [Described  
illustrated.]<sup>7</sup> :604. [Key.]
- 1914 *Megamelus marginatus* Barber, Bull. American Mus. Nat. Hist. 33: 528. [Listed.]<sup>4</sup>
- 1914 *Megamelus marginatus* Arndt, Proc. Indiana Acad. Sci. 1914: 324; Pl. 1, Fig. 1.  
[Ecology, illustrated.]<sup>7</sup>
- 1914 [*Megamelus*] *marginatus* Crawford, Mon. Delphacidae :610. [Comparative note.]
- 1914 *M[egamelus] marginatus* Crawford, Mon. Delphacidae :629. [Comparative note.]
- 1916 *Prokelisia marginatus* Van Duzee, Check List Hemip. America :83. [Listed.]<sup>6</sup>
- 1917 *Prokelisia marginata* Van Duzee, Cat. Hemip. America :765. [Listed.]<sup>2,3,4,5,7</sup> Equals  
*Megamelus marginata* Van Duzee.
- 1920 *Prokelisia marginata* Britton, Check-List Ins. Connecticut :47. [Listed.]<sup>8</sup>
- 1920 *Megamelus (Prokelisia) marginatus* Metcalf and Osborn, Ann. Ent. Soc. America  
13: 114. [Ecology.]<sup>10</sup>
- 1920 *Megamelus marginata* Metcalf, Ecology 1: 194. [Ecology.]<sup>10</sup>
- 1921 *Prokelesia* [sic] *marginata* Osborn, Florida Ent. 5: 18. [Listed.]<sup>4</sup>
- 1923 *Prokelisia marginata* Van Duzee, Fulgoridae Hemip. Connecticut :47. [Key,  
notes.]<sup>6,8,9</sup>
- 1923 *Prokelisia marginata* Metcalf, Jour. Elisha Mitchell Soc. 38: 169; Pl. 60, Figs. 415,  
416, 417; Pl. 69, Fig. 656. [Key, illustrated.]
- 1924 [*Prokelisia marginata*] Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 10.  
Equals *Megamelus marginatus* Van Duz.
- 1928 *Prokelisia marginata* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 16. [Ecol-  
ogy.]<sup>1</sup>
- 1928 *Prokelisia marginata* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 180. [Listed.]<sup>3</sup>
- 1930 *Prokelisia marginata* Johnson, Publ. Nantucket Maria Mitchell Assoc. 3 (2): 36.  
[Listed.]<sup>7</sup>
- 1938 *Prokelisia marginata* Brimley, Insects of North Carolina 1938: 102. [Listed.]<sup>10</sup>
- minuta* Crawford [var.] See *Prokelisia constricta* var. *minuta* Crawford.

## setigera Osborn

- 1905 *Prokelisia setigera* Osborn, Ohio Nat. 5: 373; Figs. 1a-f. [n. sp., Mississippi<sup>1</sup>  
illustrated.]<sup>2</sup> Louisiana<sup>2</sup>
- 1914 *Megamelus setigerus* Crawford, Mon. Delphacidae :631. [Listed.]<sup>2</sup> Southern States<sup>4</sup>  
Equals *Prokelisia setigera* Osb. :605. [Key.] New York<sup>4</sup>
- 1916 *Pokelisia setigera* Van Duzee, Check List Hemip. America :83. Massachusetts<sup>5</sup>  
[Listed.]<sup>3</sup>
- 1917 *Prokelisia setigera* Van Duzee, Cat. Hemip. America :765. [Listed.]<sup>2</sup>
- 1925 *Prokelisia setigera* Metcalf, Jour. Elisha Mitchell Soc. 38: 169; Pl. 60, Figs. 418,  
419; Pl. 65, Fig. 553; Pl. 69, Fig. 657. [Key, illustrated.]
- 1923 *Prokelisia setigera* Van Duzee, Fulgoridae Hemip. Connecticut :47. [Key, notes.]<sup>2,5</sup>
- 1928 *Prokelisia setigera* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 16. [Ecology.]<sup>1</sup>
- 1928 *Prokelisia setigera* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 180. [Listed.]<sup>4</sup>
- 1938 *Prokelisia setigera* Osborn, Bull. Ohio Biol. Surv. 6: 333; Fig. 36. [Illustrated.]

Genus **ILBURNIA** White

- Haplotype *Liburnia (Ilburnia) ignobilis* [n. sp.] 1878 White, Proc. Zool.  
Soc. London 1878: 471.
- Type *Ilburnia ignobilis* 1915 Muir, Canadian Ent. 47: 264.

[*Nesosydne* Kirkaldy]

[Orthotype *Nesosydne koeae* [n. sp.] 1907 Kirkaldy, Proc. Hawaiian Ent. Soc. 1: 161.]

[Type *Nesosydne koeae* 1910 Kirkaldy, Fauna Hawaiiensis Suppl. :583.]

[Type *Nesosydne koeae* 1915 Muir, Canadian Ent. 47: 265.]

[Type *Nesosydne koeae* 1916 Muir, Proc. Hawaiian Ent. Soc. 3: 185.]

- Ilburnia* 1878 White, Proc. Zool. Soc. London 1878: 471. subgen. n. of *Liburnia*.  
*Ilburnia* [sic] 1882 Scudder, Nomenclator Zoologicus. Suppl. List :172. [Listed.]  
 1882 Scudder, Nomenclator Zoologicus. Univ. Index :160. [Listed.]  
*Nesosydne* 1907 Kirkaldy, Proc. Hawaiian Ent. Soc. 1: 161. [gen. n.]  
 1908 Kirkaldy, Proc. Hawaiian Ent. Soc. 1: 202. [Key.]  
 1910 Kirkaldy, Fauna Hawaiiensis Suppl. :576 [Notes.] 577, [Key.] :583. [Listed.]  
*Ilburnia* 1915 Muir, Canadian Ent. 47: 264. subgen. of *Liburnia*. :212. [Listed.]  
*Nesosydne* 1915 Muir, Canadian Ent. 47: 212, 265. [Listed.] :270. [Key.]  
 1916 Muir, Proc. Hawaiian Ent. Soc. 3: 172. [Key.] :184. [Comparative note.] :185, 214. [Listed.] :200, 201. [Notes.]  
 1917 Giffard, Proc. Hawaiian Ent. Soc. 3: 342. [Listed.]  
 1917 Muir, Proc. Hawaiian Ent. Soc. 3: 304. [Listed.]  
*Ilburnia* 1919 Muir, Canadian Ent. 51: 6. Equals *Nesosydne* Kirk.  
 1919 Muir, Proc. Hawaiian Ent. Soc. 4: 48. [Notes.] Equals *Nesosydne* Kirk. :85. Equals *Nesosydne* Kirk. :88. [Listed.]  
 1921 Muir, Proc. Hawaiian Ent. Soc. 4: 507. [Listed.]  
 1922 Giffard, Proc. Hawaiian Ent. Soc. 5: 107, 113. [Listed.]  
 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 7. [Comparative note.]  
 1929 Swezey, Jour. Econ. Ent. 22: 856. [Listed.]  
 1930 Schulze, Kükenthal and Heider, Nomenclator animalium 3 (13): 1669. [Listed.]  
*Ilburnia* [sic] 1930 Schulze, Kükenthal and Heider, Nomenclator animalium 3 (13): 1669. [Listed.]  
*Nesosydne* 1933 Schulze, Kükenthal and Heider, Nomenclator animalium 4 (17): 2249. [Listed.]  
*Ilburnia* 1939 Neave, Nomenclator Zoologicus 2: 767. [Listed.]  
*Nesosydne* 1940 Neave, Nomenclator Zoologicus 3: 325. [Listed.]

*acuta* Muir

- 1919 *Ilburnia acuta* Muir, Proc. Hawaiian Ent. Soc. 4: 96; Pl. 4, Figs. 9, 11. [n. sp., illustrated.]<sup>1</sup> Maui<sup>1</sup>  
 (Hawaiian Islands)  
 1921 *Ilburnia acuta* Muir, Proc. Hawaiian Ent. Soc. 4: 515. [Comparative note.] Hawaiian  
 1922 *Ilburnia acuta* Giffard, Proc. Hawaiian Ent. Soc. 5: 108. [Listed.]<sup>1</sup> Islands<sup>2</sup>  
 :114. [Food plants.]<sup>2</sup>

*ahinahina* Muir

- 1919 *Ilburnia pulla* Muir, Proc. Hawaiian Ent. Soc. 4: 98; Pl. 3, Fig. 6; Pl. 4, Fig. 17. [n. sp., illustrated.]<sup>1</sup> Maui<sup>1</sup>  
 (Hawaiian Islands)  
 1922 *Ilburnia ahinahina* Giffard, Proc. Hawaiian Ent. Soc. 5: 108. [Listed.]<sup>1</sup> :114. [Food plants.]<sup>2</sup> Hawaiian  
 1922 *Ilburnia ahinahina* Muir, Proc. Hawaiian Ent. Soc. 5: 102. nom. Islands<sup>2</sup>  
 nov. for *Ilburnia pulla* Muir.



*Iburnia***aku Muir**

- 1921 *Iburnia aku* Muir, Proc. Hawaiian Ent. Soc. 4: 513; Pl. 8, Figs. 14, 14a. [n. sp., illustrated.]<sup>1</sup> Hawaii<sup>1</sup>  
(Hawaiian  
Islands)
- 1922 *Iburnia aku* Giffard, Proc. Hawaiian Ent. Soc. 5: 108. [Listed.]  
:114. [Food plants.]<sup>2</sup> Hawaiian  
Islands<sup>2</sup>

**amamau Muir**

- 1921 *Iburnia amamau* Muir, Proc. Hawaiian Ent. Soc. 4: 512; Pl. 8, Figs. 19, 19a, [n. sp., illustrated.]<sup>2</sup> Hawaiian  
Islands<sup>1</sup>
- 1922 *Iburnia amamau* Giffard, Proc. Hawaiian Ent. Soc. 5: 108. [Listed.]<sup>2</sup> :114. [Food plants.]<sup>1</sup> Maui<sup>2</sup>  
(Hawaiian  
Islands)

**anceps Muir**

- 1916 *Nesosydne anceps* Muir, Proc. Hawaiian Ent. Soc. 3: 187; Pl. 2, Fig. 34. [n. sp., illustrated.]<sup>1</sup> :214. [Listed.]<sup>1</sup> :186. [Comparative note.]<sup>1</sup> Hawaii<sup>1</sup>  
(Hawaiian  
Islands)
- 1917 *Nesosydne anceps* Giffard, Proc. Hawaiian Ent. Soc. 3: 348. [Listed.]<sup>1</sup> Hawaiian  
Islands<sup>2</sup>
- 1917 *Nesosydne anceps* Muir, Proc. Hawaiian Ent. Soc. 3: 308, 309. [Comparative note.]
- 1918 *Nesosydne anceps* Muir, Proc. Hawaiian Ent. Soc. 3: 407. [Comparative note.]
- 1918 *Nesosydne anceps* Giffard, Proc. Hawaiian Ent. Soc. 3: 411. [Food plants.]<sup>1</sup>
- 1922 *Iburnia anceps* Giffard, Proc. Hawaiian Ent. Soc. 5: 107. [Listed.]<sup>1</sup> :113. [Food plants.]<sup>2</sup>
- 1936 *Iburnia anceps* Swezey, Proc. Hawaiian Ent. Soc. 9: 193. [Food plants.]<sup>2</sup>

**argyroxiphii Kirkaldy**

- 1908 *Nesosydne argyroxiphii* Kirkaldy, Proc. Hawaiian Ent. Soc. 1: 203; Pl. 4, Fig. 6; Text fig. 1. [n. sp., illustrated.]<sup>2</sup> Hawaiian  
Islands<sup>1</sup>
- 1910 *Nesosydne argyroxiphii* Kirkaldy, Fauna Hawaiiensis Suppl. :590. [Described.]<sup>3</sup> Hawaii<sup>2</sup>  
(Hawaiian  
Islands)
- 1916 *Nesosydne argyroxiphii* Muir, Proc. Hawaiian Ent. Soc. 3: 197, 241. [Listed.]<sup>2</sup> Maui<sup>3</sup>
- 1917 *Nesosydne argyroxiphii* Giffard, Proc. Hawaiian Ent. Soc. 3: 344. [Food plants.]<sup>2</sup> (Hawaiian  
Islands)
- 1919 *Iburnia argyroxiphii* Muir, Proc. Hawaiian Ent. Soc. 4: 89. Notes.]<sup>2</sup>
- 1922 *Iburnia argyroxiphii* Giffard, Proc. Hawaiian Ent. Soc. 5: 109. [Listed.]<sup>3</sup>
- 1928 *Iburnia argyroxiphii* [sic] Swezey and Degener, Proc. Hawaiian Ent. Soc. 7: 184 [Food plants.]<sup>2</sup>

*argyroxiphii*. Typographical error for *Iburnia argyroxiphii* Kirkaldy.

**asteliae Muir**

- 1917 *Nesosydne asteliae* Muir, Proc. Hawaiian Ent. Soc. 3: 307; Pl. 5, Fig. 13. [n. sp., illustrated.]<sup>1</sup> Oahu<sup>1</sup>  
(Hawaiian  
Islands)
- 1917 *Nesosydne asteliae* Giffard, Proc. Hawaiian Ent. Soc. 3: 344. [Food plants.]<sup>2</sup> Hawaii<sup>2</sup>  
(Hawaiian  
Islands)
- 1921 *Iburnia asteliae* Muir, Proc. Hawaiian Ent. Soc. 4: 520. [Comparative note.]
- 1922 *Iburnia asteliae* Giffard, Proc. Hawaiian Ent. Soc. 5: 109. [Listed.]<sup>1</sup>

**blackburni** Muir

- 1916 *Nesosydne blackburni* Muir, Proc. Hawaiian Ent. Soc. **3**: 189; Pl. 2, Fig. 41; Pl. 4, Figs. 70a-b. [n. sp., illustrated.]<sup>1</sup>:188. [Comparative note.]:203. [Note.] Hawaii<sup>1</sup>  
(Hawaiian Islands)
- 1916 *Nesosydne blackburni* [sic] Muir, Proc. Hawaiian Ent. Soc. **3**: 214. [Listed.]<sup>1</sup> Oahu<sup>2</sup>  
(Hawaiian Islands)
- 1917 *Nesosydne blackburni* Giffard, Proc. Hawaiian Ent. Soc. **3**: 343. [Food plants.]<sup>1</sup> Hawaiian Islands<sup>3</sup>
- 1917 *Nesosydne blackburni* Muir, Proc. Hawaiian Ent. Soc. **3**: 308. [Listed.]<sup>1,2</sup> Maui<sup>4</sup>
- 1918 *Nesosydne blackburni* Giffard, Proc. Hawaiian Ent. Soc. **3**: 411. [Food plants.]<sup>1</sup> (Hawaiian Islands)
- 1919 *Iburnia blackburni* Muir, Proc. Hawaiian Ent. Soc. **4**: 108. [Notes.]<sup>1,4</sup>:96, 103. [Comparative note.]
- 1921 *Iburnia blackburni* Muir, Proc. Hawaiian Ent. Soc. **4**: 508. [Listed.] :513. [Comparative note.]:514. [Notes.]<sup>1</sup>
- 1922 *Iburnia blackburni* Giffard, Proc. Hawaiian Ent. Soc. **5**: 108. [Listed.]<sup>1,2,4</sup>:114. [Food plants.]<sup>3</sup>
- 1926 *Iburnia blackburni* Muir, Trans. Ent. Soc. London **1926**: 378, 379; Pl. 87, Figs. 9, 10. [Morphology of the aedeagus, illustrated.]

**boehmeriae** Muir

- 1921 *Iburnia boehmeriae* Muir, Proc. Hawaiian Ent. Soc. **4**: 514; Pl. 8, Figs. 12, 12a. [n. sp., illustrated.]<sup>2</sup> Hawaiian Islands<sup>1</sup>
- 1922 *Iburnia boehmeriae* Giffard, Proc. Hawaiian Ent. Soc. **5**: 108. [Listed.]<sup>2</sup>:114. [Food plants.]<sup>1</sup> Oahu<sup>2</sup>  
(Hawaiian Islands)
- 1922 *Iburnia boehmeriae* Muir, Proc. Hawaiian Ent. Soc. **5**: 97, 99. [Comparative note.]

**bridwelli** Muir

- 1919 *Iburnia bridwelli* Muir, Proc. Hawaiian Ent. Soc. **4**: 90; Pl. 3, Fig. 3; Pl. 4, Fig. 20. [n. sp., illustrated.]<sup>1</sup> Maui<sup>1</sup>  
(Hawaiian Islands)
- 1922 *Iburnia bridwelli* Giffard, Proc. Hawaiian Ent. Soc. **5**: 109. [Listed.]<sup>1</sup>:113. [Food plants.]<sup>2</sup> Hawaiian Islands<sup>2</sup>
- 1928 *Iburnia bridwelli* Swezey and Degener, Proc. Hawaiian Ent. Soc. **7**: 184. [Food plants.]<sup>3</sup> Hawaii<sup>3</sup>  
(Hawaiian Islands)

**campylothecae** Muir

- 1922 *Iburnia campylothecae* Muir, Proc. Hawaiian Ent. Soc. **5**: 97; Pl. 3, Fig. 11. [n. sp., illustrated.]<sup>1</sup> Kauai<sup>1</sup>  
(Hawaiian Islands)
- 1922 *Iburnia campylothecae* Giffard, Proc. Hawaiian Ent. Soc. **5**: 108. [Listed.]<sup>1</sup>:115. [Food plants.]<sup>2</sup> Hawaiian Islands<sup>3</sup>

**chambersi** Kirkaldy

- 1908 *Nesosydne chambersi* Kirkaldy, Proc. Hawaiian Ent. Soc. **1**: 202; Pl. 4, Figs. 10-12. [n. sp., illustrated.]<sup>2</sup> Hawaiian Islands<sup>1</sup>
- 1910 *Nesosydne chambersi* Kirkaldy, Fauna Hawaiiensis Suppl. :590. [Described.]<sup>2</sup>:589. [Comparative note.] Hawaii<sup>2</sup>  
(Hawaiian Islands)
- 1916 *Nesosydne chambersi* Muir, Proc. Hawaiian Ent. Soc. **3**: 192; Pl. 3, Fig. 44. [Described, illustrated.]<sup>2</sup>:214. [Listed.]<sup>2</sup>:192, 197. [Comparative note.]
- 1917 *Nesosydne chambersi* Giffard, Proc. Hawaiian Ent. Soc. **3**: 343. [Food plants.]<sup>2</sup>

*Ilburnia*

- 1921 *Ilburnia chambersi* Muir, Proc. Hawaiian Ent. Soc. 4: 515. [Food plants.]<sup>2</sup>  
 1922 *Ilburnia chambersi* Giffard, Proc. Hawaiian Ent. Soc. 5: 108. [Listed.]<sup>2</sup> :114. [Food plants.]<sup>1</sup>  
 1932 *Ilburnia chambersi* Swezey and Williams, Proc. Hawaiian Ent. Soc. 8: 189. [Listed.]<sup>2</sup>

**cheesmani** Muir

- 1927 *Ilburnia cheesmani* Muir, Ann. Mag. Nat. Hist. (9) 20: 87. Marquesas Islands<sup>1</sup>  
 [n. sp.]<sup>1</sup> (South Pacific)

**coprosmae** Muir

- 1919 *Ilburnia coprosmae* Muir, Proc. Hawaiian Ent. Soc. 4: 93; Pl. III, Fig. 2; Pl. IV, Fig. 21. [n. sp., illustrated.]<sup>1</sup> Maui<sup>1</sup>  
 (Hawaiian Islands)  
 1922 *Ilburnia coprosmae* Giffard, Proc. Hawaiian Ent. Soc. 5: 109. [Listed.]<sup>1</sup> :113. [Food plants.]<sup>2</sup> Hawaiian Islands<sup>2</sup>  
 1931 *Ilburnia coprosmae* Swezey, Proc. Hawaiian Ent. Soc. 7: 499. [Food plants.]<sup>2</sup>

**coprosmicola** Muir

- 1919 *Ilburnia coprosmicola* Muir, Proc. Hawaiian Ent. Soc. 4: 103; Pl. IV, Fig. 18. [n. sp., illustrated.]<sup>1</sup> Hawaii<sup>1</sup>  
 (Hawaiian Islands)  
 1921 *Ilburnia coprosmicola* Muir, Proc. Hawaiian Ent. Soc. 4: 516. [Notes.]<sup>1</sup> Hawaiian Islands<sup>2</sup>  
 1922 *Ilburnia coprosmicola* Giffard, Proc. Hawaiian Ent. Soc. 5: 107. [Listed.]<sup>1</sup> :115. [Food plants.]<sup>2</sup> Islands<sup>2</sup>  
 1922 *Ilburnia coprosmicola* Muir, Proc. Hawaiian Ent. Soc. 5: 102. [Comparative note.]<sup>1</sup>

**curvata** Muir

- 1919 *Ilburnia curvata* Muir, Proc. Hawaiian Ent. Soc. 4: 96; Pl. IV, Figs. 1, 3. [n. sp., illustrated.]<sup>1</sup> Maui<sup>1</sup>  
 (Hawaiian Islands)  
 1922 *Ilburnia curvata* Giffard, Proc. Hawaiian Ent. Soc. 5: 108. [Listed.]<sup>1</sup> :114. [Food plants.]<sup>2</sup> Hawaiian Islands<sup>2</sup>

**cyathodis** Kirkaldy

- 1910 *Nesosydne cyathodis* Kirkaldy, Fauna Hawaiiensis Suppl. :589. [n. sp.]<sup>1</sup> Hawaii<sup>1</sup>  
 (Hawaiian Islands)  
 1916 *Nesosydne cyathodis* Muir, Proc. Hawaiian Ent. Soc. 3: 192; Pl. 3, Fig. 48. [Described, illustrated.]<sup>3</sup> :192. 193. [Comparative note.] :214. [Listed.]<sup>1</sup> Maui<sup>2</sup>  
 (Hawaiian Islands)  
 1917 *Nesosydne cyathodis* Muir, Proc. Hawaiian Ent. Soc. 3: 309. [Comparative note.] Hawaiian Islands<sup>2</sup>  
 1917 *Nesosydne cyathodis* Giffard, Proc. Hawaiian Ent. Soc. 3: 343. [Food plants.]<sup>1</sup> Islands<sup>2</sup>  
 1919 *Ilburnia cyathodis* Muir, Proc. Hawaiian Ent. Soc. 4: 91. [Notes.]<sup>2</sup>  
 1922 *Ilburnia cyathodis* Giffard, Proc. Hawaiian Ent. Soc. 5: 108. [Listed.]<sup>1</sup>

**cyathodis var. eeke** Muir

- 1919 *Ilburnia cyathodis eeke* Muir, Proc. Hawaiian Ent. Soc. 4: 92. [n. subsp.]<sup>1</sup> :91. [Listed.] Hawaiian Islands<sup>2</sup>  
 1922 *Ilburnia cyathodis eeke* Giffard, Proc. Hawaiian Ent. Soc. 5: 108. [Listed.]<sup>1</sup> :114. [Food plants.]<sup>2</sup> Hawaiian Islands<sup>2</sup>

**cyathodis var. fullawayi Muir**

- 1916 *Nesosydne fullawayi* Muir, Proc. Hawaiian Ent. Soc. **3**: 192. Hawaii<sup>1</sup>  
[n. sp.]<sup>2,3</sup>:214. [Listed.]<sup>2,3</sup> (Hawaiian  
Islands)
- 1916 *N[esosydne] fullawayi* Muir, Proc. Hawaiian Ent. Soc. **3**: 204. Molokai<sup>2</sup>  
[Notes.]<sup>2</sup> (Hawaiian  
Islands)
- 1917 *Nesosydne fullawayi* Giffard, Proc. Hawaiian Ent. Soc. **3**: 348. Maui<sup>3</sup>  
[Listed.]<sup>1</sup> (Hawaiian  
Islands)
- 1917 *Nesosydne fullawayi* Muir, Proc. Hawaiian Ent. Soc. **3**: 309. Maui<sup>3</sup>  
[Comparative note.] (Hawaiian  
Islands)
- 1919 *Ilburnia cyathodis fullawayi* Muir, Proc. Hawaiian Ent. Soc. **4**: 91. [Listed.]<sup>1</sup> Islands
- 1922 *Ilburnia cyathodis fullawayi* Giffard, Proc. Hawaiian Ent. Soc. **5**: 108. [Listed.]<sup>2</sup>

**cyathodis var. lanaiensis Muir**

- 1917 *Nesosydne fullawayi lanaiensis* Muir, Proc. Hawaiian Ent. Soc. **3**: 309. [n. subsp.]<sup>3</sup> Hawaii<sup>1</sup>  
(Hawaiian  
Islands)
- 1917 *Nesosydne fullawayi lanaiensis* Giffard, Proc. Hawaiian Ent. Soc. **3**: 344. [Food plants.]<sup>1</sup> Maui<sup>2</sup>  
(Hawaiian  
Islands)
- 1919 *Ilburnia cyathodis lanaiensis* Muir, Proc. Hawaiian Ent. Soc. **4**: 91, 92. [Listed.]<sup>2</sup> Lanai<sup>3</sup>  
(Hawaiian  
Islands)
- 1922 *Ilburnia cyathodis lanaiensis* Giffard, Proc. Hawaiian Ent. Soc. **5**: 108. [Listed.]<sup>2,3</sup>:114. [Food plants.]<sup>4</sup> (Hawaiian  
Islands)

**cyathodis var. nigrinervis Muir**

- 1919 *Ilburnia cyathodis nigrinervis* Muir, Proc. Hawaiian Ent. Soc. **4**: 92. [n. var.]<sup>2</sup>:91. [Listed.]<sup>1</sup> Hawaiian  
Islands<sup>1</sup>
- 1922 *Ilburnia cyathodis nigrinervis* Giffard, Proc. Hawaiian Ent. Soc. **5**: 108. [Listed.]<sup>2</sup>:114. [Food plants.]<sup>1</sup> Maui<sup>2</sup>  
(Hawaiian  
Islands)

**cyrtandrae Muir**

- 1916 *Nesosydne cyrtandrae* Muir, Proc. Hawaiian Ent. Soc. **3**: 189; Pl. 3, Fig. 38; Pl. 4, Figs. 67, 69. [n. sp., illustrated.]<sup>2</sup>:214. [Listed.]<sup>2</sup> Hawaii<sup>1</sup>  
(Hawaiian  
Islands)
- 1917 *Nesosydne cyrtandrae* Giffard, Proc. Hawaiian Ent. Soc. **3**: 343. [Food plants.]<sup>1</sup> Maui<sup>2</sup>  
(Hawaiian  
Islands)
- 1917 *Nesosydne cyrtandrae* Muir, Proc. Hawaiian Ent. Soc. **3**: 305. [Comparative note.]<sup>1</sup> (Hawaiian  
Islands)
- 1918 *Nesosydne cyrtandrae* Muir, Proc. Hawaiian Ent. Soc. **3**: 406. [Comparative note.]<sup>1</sup>
- 1919 *Ilburnia cyrtandrae* Muir, Proc. Hawaiian Ent. Soc. **4**: 100. [Comparative note.]<sup>1</sup>
- 1922 *Ilburnia cyrtandrae* Giffard, Proc. Hawaiian Ent. Soc. **5**: 108. [Listed.]<sup>2</sup>

**cyrtandricola Muir**

- 1918 *Nesosydne cyrtandricola* Muir, Proc. Hawaiian Ent. Soc. **3**: 407; Figs. 1, 2. [n. sp., illustrated.]<sup>1</sup> Hawaii<sup>1</sup>  
(Hawaiian  
Islands)
- 1918 *Nesosydne cyrtandricola* Giffard, Proc. Hawaiian Ent. Soc. **3**: 412. [Food plants.]<sup>1</sup>:409. [Listed.]<sup>1</sup> Hawaiian  
Islands<sup>2</sup>
- 1922 *Ilburnia cyrtandricola* Giffard, Proc. Hawaiian Ent. Soc. **5**: 107. [Listed.]<sup>1</sup>:113. [Food plants.]<sup>2</sup>

*disjuncta* Muir. See *Ilburnia nephelias* Kirkaldy.

**dubautiae Muir**

- 1921 *Ilburnia dubautiae* Muir, Proc. Hawaiian Ent. Soc. **4**: 510; Pl. 8, Fig. 10. [n. sp., illustrated.]<sup>2</sup> Hawaiian  
Islands<sup>1</sup>



*Iburnia*

- 1922 *Iburnia dubautiae* Giffard, Proc. Hawaiian Ent. Soc. 5: 107. Maui<sup>2</sup>  
[Listed.]<sup>2</sup> :113. [Food plants.]<sup>1</sup> (Hawaiian  
Islands)

*eke* Muir (var.). See *Iburnia cyathodis* var. *eke* Muir.

*fullawayi* Muir (var.). See *Iburnia cyathodis* var. *fullawayi* Muir.

*fullawayi* var. *lanaiensis* Muir. See *Iburnia cyathodis* var. *lanaiensis* Muir.

*fuscovittata* Metcalf (var.). See *Iburnia halia* var. *fuscovittata* Metcalf.

**geranii** Muir

- 1921 *Iburnia geranii* Muir, Proc. Hawaiian Ent. Soc. 4: 515; Pl. 8, Maui<sup>1</sup>  
Figs. 13, 13a. [n. sp., illustrated.]<sup>1</sup> (Hawaiian  
Islands)  
1922 *Iburnia geranii* Giffard, Proc. Hawaiian Ent. Soc. 5: 108. Hawaiian  
[Listed.]<sup>1</sup> :114. [Food plants.]<sup>2</sup> Islands<sup>2</sup>  
1922 *Iburnia geranii* Muir, Proc. Hawaiian Ent. Soc. 5: 99. [Com-  
parative note.] Islands<sup>2</sup>

**giffardi** Muir

- 1916 *Nesosydne giffardi* Muir, Proc. Hawaiian Ent. Soc. 3: 194; Pl. 3, Hawaii<sup>1</sup>  
Fig. 54; Pl. 4, Fig. 74. [n. sp., illustrated.]<sup>2</sup> :175. 195. [Comparative  
note.] :203, 205. [Notes.] :214. [Listed.]<sup>2</sup> (Hawaiian  
Islands)  
1917 *Nesosydne giffardi* Giffard, Proc. Hawaiian Ent. Soc. 3: 344. Oahu<sup>2</sup>  
[Food plants.]<sup>1</sup> (Hawaiian  
Islands)  
1922 *Iburnia giffardi* Giffard, Proc. Hawaiian Ent. Soc. 5: 109. Hawaiian  
[Listed.]<sup>2</sup> Islands

**gigantea** Muir

- 1921 *Iburnia gigantea* Muir, Proc. Hawaiian Ent. Soc. 4: 517; Pl. 8, Hawaiian  
Fig. 15. [n. sp., illustrated.]<sup>2</sup> Islands<sup>1</sup>  
1922 *Iburnia gigantea* Giffard, Proc. Hawaiian Ent. Soc. 5: 109. Oahu<sup>2</sup>  
[Listed.]<sup>2</sup> :114. [Food plants.]<sup>1</sup> (Hawaiian  
Islands)

**gouldiae** Kirkaldy

- 1910 *Nesosydne gouldiae* Kirkaldy, Fauna Hawaiiensis Suppl. :586. Hawaii<sup>1</sup>  
[n. sp.]<sup>1,2</sup> (Hawaiian  
Islands)  
1916 *Nesosydne gouldiae* Muir, Proc. Hawaiian Ent. Soc. 3: 189; Pl. 3, Oahu<sup>2</sup>  
Fig. 39; Pl. 4, Fig. 72. [Described, illustrated.]<sup>3</sup> :214. [Listed.]<sup>2</sup> (Hawaiian  
Islands)  
1917 *Nesosydne gouldiae* Giffard, Proc. Hawaiian Ent. Soc. 3: 343. Hawaiian  
[Food plants.]<sup>1</sup> Islands)  
1922 *Iburnia gouldiae* Giffard, Proc. Hawaiian Ent. Soc. 5: 108. Hawaiian  
[Listed.]<sup>2</sup> Islands<sup>3</sup>

**gunnerae** Muir

- 1917 *Nesosydne gunnerae* Muir, Proc. Hawaiian Ent. Soc. 3: 304; Pl. 5, Hawaii<sup>1</sup>  
Fig. 15. [n. sp., illustrated.]<sup>2</sup> :306. [Comparative note.] (Hawaiian  
Islands)  
1917 *Nesosydne gunnerae* Giffard, Proc. Hawaiian Ent. Soc. 3: 344. Oahu<sup>2</sup>  
[Food plants.]<sup>1</sup> (Hawaiian  
Islands)  
1922 *Iburnia gunnerae* Giffard, Proc. Hawaiian Ent. Soc. 5: 108. Hawaiian  
[Listed.]<sup>2</sup> Islands)

**haleakala** Kirkaldy

- 1910 *Nesosydne haleakala* Kirkaldy, Fauna Hawaiiensis Suppl. :587. Hawaii<sup>1</sup>  
[n. sp.]<sup>2</sup> (Hawaiian

*Ilburnia*

- 1916 *Nesosydne haleakala* Muir, Proc. Hawaiian Ent. Soc. 3: 197. Islands  
[Notes.]<sup>3</sup> :214. [Listed.]<sup>2</sup> Maui<sup>2</sup>
- 1917 *Nesosydne haleakala* Giffard, Proc. Hawaiian Ent. Soc. 3: 348. (Hawaiian  
[Listed.]<sup>1</sup> Islands)
- 1922 *Ilburnia haleakala* Giffard, Proc. Hawaiian Ent. Soc. 5: 109. Hawaiian  
[Listed.]<sup>2</sup> Islands<sup>3</sup>

**halia** Kirkaldy

- 1908 *Nesosydne halia* Kirkaldy, Proc. Hawaiian Ent. Soc. 1: 202; Pl. 4, Hawaiian  
Fig. 8. [n. sp., illustrated.]<sup>2</sup> :203. [Comparative note.] Islands<sup>1</sup>
- 1910 *Nesosydne halia* Kirkaldy, Fauna Hawaiiensis Suppl. :584. [De- Oahu<sup>2</sup>  
scribed.]<sup>2</sup> :586. [Comparative note.] (Hawaiian  
Islands)
- 1916 *Nesosydne halia* Muir, Proc. Hawaiian Ent. Soc. 3: 194; Pl. 3, Fig. Hawaii<sup>3</sup>  
52. [Described, illustrated.]<sup>1</sup> :195. [Comparative note.] :203, 205. (Hawaiian  
[Notes.] :214. [Listed.]<sup>2</sup> Islands)
- 1917 *Nesosydne halia* Giffard, Proc. Hawaiian Ent. Soc. 3: 344. [Food Hawaiian  
plants.]<sup>3</sup> Islands)
- 1921 *Ilburnia halia* Muir, Proc. Hawaiian Ent. Soc. 4: 518, 520. [Comparative note.]
- 1922 *Ilburnia halia* Giffard, Proc. Hawaiian Ent. Soc. 5: 109. [Listed.]<sup>2</sup>
- 1926 *Ilburnia halia* Muir, Trans. Ent. Soc. London 1926: 378; Pl. 88, Figs. 11, 12.  
[Morphology of the aedeagus, illustrated.]
- 1936 *Ilburnia halia* Swezey, Proc. Hawaiian Ent. Soc. 9: 192, 204. [Food plants.]<sup>1,2</sup>

**halia var. fuscovittata** nom. nov. for *Nesosydne halia* var.—Kirkaldy

- 1910 *Nesosydne halia* var. Kirkaldy, Fauna Hawaiiensis Suppl. :585. Oahu<sup>1</sup>  
[n. var.]<sup>1</sup> (Hawaiian  
Islands)

**hamadryas** Kirkaldy

- 1910 *Nesosydne hamadryas* Kirkaldy, Fauna Hawaiiensis Suppl. :587. Hawaii<sup>1</sup>  
[n. sp.]<sup>2</sup> (Hawaiian  
Islands)
- 1916 *Nesosydne hamadryas* Muir, Proc. Hawaiian Ent. Soc. 3: 197, 214. Oahu<sup>2</sup>  
[Listed.]<sup>2</sup> (Hawaiian  
Islands)
- 1917 *Nesosydne hamadryas* Giffard, Proc. Hawaiian Ent. Soc. 3: 348. (Hawaiian  
[Listed.]<sup>1</sup> Islands)
- 1922 *Ilburnia hamadryas* Giffard, Proc. Hawaiian Ent. Soc. 5: 109. Hawaiian  
[Listed.]<sup>2</sup> Islands)

**hamata** Muir

- 1917 *Nesosydne hamata* Muir, Proc. Hawaiian Ent. Soc. 3: 309; Pl. 5, Lanai<sup>1</sup>  
Figs. 17, 17a. [n. sp., illustrated.]<sup>1</sup> (Hawaiian  
Islands)
- 1922 *Ilburnia hamata* Giffard, Proc. Hawaiian Ent. Soc. 5: 109. Hawaiian  
[Listed.]<sup>1</sup> Islands)

**ignobilis** White

- 1878 *Liburnia (Ilburnia) ignobilis* White, Proc. Zool. Soc. London St Helena<sup>1</sup>  
1868: 471. [n. sp.]<sup>1</sup> :462. [Listed.]<sup>1</sup> (South Atlantic  
Ocean)
- 1919 *Ilburnia ignobilis* Muir, Proc. Hawaiian Ent. Soc. 4: 48. [De-  
scribed.]<sup>1</sup>

**imbricola** Kirkaldy

- 1910 *Nesosydne imbricola* Kirkaldy, Fauna Hawaiiensis Suppl. :590. Hawaii<sup>1</sup>  
[n. sp.]<sup>2</sup> (Hawaiian  
Islands)
- 1916 *Nesosydne imbricola* Muir, Proc. Hawaiian Ent. Soc. 3: 197, 214. Maui<sup>2</sup>  
[Listed.]<sup>2</sup>

*Iburnia*

- 1917 *Nesosydne imbricola* Giffard, Proc. Hawaiian Ent. Soc. 3: 348. (Hawaiian Islands)  
[Listed.]<sup>1</sup>
- 1922 *Iburnia imbricola* Giffard, Proc. Hawaiian Ent. Soc. 5: 109. [Listed.]<sup>2</sup>

**incommoda** Muir

- 1916 *Nesosydne incommoda* Muir, Proc. Hawaiian Ent. Soc. 3: 193; Pl. 3, Fig. 47. [n. sp., illustrated.]<sup>2</sup> :214. [Listed.]<sup>2</sup> (Hawaiian Islands)
- 1916 *N[esosydne] incommoda* Muir, Proc. Hawaiian Ent. Soc. 3: 203. [Notes.] Oahu<sup>2</sup>
- 1917 *Nesosydne incommoda* Giffard, Proc. Hawaiian Ent. Soc. 3: 348 [Listed.]<sup>1</sup> (Hawaiian Islands)
- 1919 *Iburnia incommoda* Muir, Proc. Hawaiian Ent. Soc. 4: 98, 99. [Comparative notes.]
- 1922 *Iburnia incommoda* Giffard, Proc. Hawaiian Ent. Soc. 5: 108 [Listed.]<sup>2</sup>

**ipomoeicola** Kirkaldy

- 1854 *Delphax pulchra* Stål, Öfv. Svenska Vet. Akad. Förh. 11: 246. [n. sp.]<sup>1</sup> Honolulu<sup>1</sup> (Hawaiian Islands)
- 1859 *Delphax pulchra* Stål, Freg. Eugenies Resa 4: 275. [Described.]<sup>2</sup> Oahu<sup>2</sup>
- 1859 *Delphax pulchra* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup> Oahu<sup>2</sup>
- 1902 *Delphax pulchra* Kirkaldy, Fauna Hawaiiensis 3: 124. [Listed.]<sup>2</sup> (Hawaiian Islands)
- 1907 *Nesosydne ipomoeicola* Kirkaldy, Ann. Soc. Ent. Belgique 51: 120 (3).<sup>3</sup> nom. nov. for *Delphax pulchra* Stål. Hawaii<sup>3</sup>
- 1908 *Nesosydne ipomoeicola* Kirkaldy, Proc. Hawaiian Ent. Soc. 1: 202; Pl. 4, Fig. 4. [Illustrated, listed.]<sup>3</sup> Equals *Delphax pulchra* Stål. (Hawaiian Islands)
- :203. [Comparative note.] Kauai<sup>4</sup>
- 1910 *Nesosydne ipomoeicola* Kirkaldy, Fauna Hawaiiensis Suppl. :586. [Described.]<sup>2,3,4</sup> Equals *Delphax pulchra* Stål. (Hawaiian Islands)
- 1916 *Nesosydne ipomoeicola* Muir, Proc. Hawaiian Ent. Soc. 3: 194; Pl. 3, Figs. 51a-c. [Described, illustrated.]<sup>3</sup> :214. [Listed.]<sup>2,3,4</sup> :169. [Notes.]<sup>3</sup> Equals *Delphax pulchra* Stål. Maui<sup>6</sup>
- 1916 *Nesosydne ipomoeicola* Muir, Proc. Hawaiian Ent. Soc. 3: 194. [Comparative note.] :203, 205. [Notes.] (Hawaiian Islands)
- 1917 *Nesosydne ipomoeicola* Giffard, Proc. Hawaiian Ent. Soc. 3: 344. [Food plants.]<sup>3</sup>
- 1917 *Nesosydne ipomoeicola* Muir, Proc. Hawaiian Ent. Soc. 3: 299. [Notes.]<sup>3</sup>
- 1917 *Nesosydne ipomoeicola* Pierce, Mam. Dangerous Ins. :210. [Listed.]<sup>3</sup>
- 1918 *Nesosydne ipomoeicola* Giffard, Proc. Hawaiian Ent. Soc. 3: 412. [Food plants.]<sup>3</sup>
- 1919 *Aloha ipomoeicola* Fullaway and Giffard, Proc. Ent. Soc. Hawaii 4: 52. [Listed.]<sup>6</sup>
- 1921 *Iburnia ipomoeicola* Muir, Proc. Hawaiian Ent. Soc. 4: 517. [Notes.]<sup>3</sup> :508. [Listed.]
- 1922 *Iburnia ipomoeicola* Muir, Proc. Hawaiian Ent. Soc. 5: 96. [Notes.]<sup>4</sup> :101. [Comparative note.]
- 1922 *Iburnia ipomoeicola* Giffard, Proc. Hawaiian Ent. Soc. 5: 109. [Listed.]<sup>2,3,4</sup> :115. [Food plants.]<sup>6</sup>
- 1932 *Iburnia ipomoeicola* Swezey and Williams, Proc. Hawaiian Ent. Soc. 8: 189. [Listed.]<sup>3</sup>

**kirkaldyi** Muir [nom. nud.]

- 1916 *Nesosydne kirkaldyi* Muir, Proc. Hawaiian Ent. Soc. 3: 203. [Note.] [nom. nud.]

**koae** Kirkaldy

- 1907 *Nesosydne koae* Kirkaldy, Proc. Hawaiian Ent. Soc. 1: 161. [n. sp.]<sup>1</sup> Oahu<sup>1</sup> (Hawaiian Islands)
- 1908 *Nesosydne koae* Kirkaldy, Proc. Hawaiian Ent. Soc. 1: 202; Pl. 4, Fig. 2. [Listed, illustrated.]<sup>2</sup> Hawaii<sup>2</sup>
- 1910 *Nesosydne koae* Kirkaldy, Fauna Hawaiiensis Suppl. :583. [Described.]<sup>1</sup> :585. [Comparative note.] (Hawaiian Islands)

- 1916 *Nesosydne koeae* Muir, Proc. Hawaiian Ent. Soc. **3**: 185; Pl. 2, Fig. 32. [Described, illustrated.]<sup>1,2,3</sup> :214. [Listed.]<sup>1,2,3</sup> Kauai<sup>3</sup>  
(Hawaiian  
Islands)
- 1916 *Nesosydne koeae* Muir, Proc. Hawaiian Ent. Soc. **3**: 185, 186, 187, 188, 189. [Comparative notes.] :202, 204, 205. [Notes.] Hawaiian  
Islands<sup>4</sup>
- 1917 *Nesosydne koeae* Giffard, Proc. Hawaiian Ent. Soc. **3**: 342. [Food plants.]<sup>2</sup>
- 1917 *Nesosydne koeae* Muir, Proc. Hawaiian Ent. Soc. **3**: 299. [Notes.]<sup>2</sup>
- 1918 *Nesosydne koeae* Giffard, Proc. Hawaiian Ent. Soc. **3**: 410. [Food plants.]<sup>2</sup>
- 1922 *Iburnia koeae* Giffard, Proc. Hawaiian Ent. Soc. **5**: 107. [Listed.]<sup>1,2</sup>
- 1931 *Iburnia koeae* Swezey, Proc. Hawaiian Ent. Soc. **7**: 495. [Food plants.]<sup>4</sup>
- 1932 *Iburnia koeae* Swezey and Williams, Proc. Hawaiian Ent. Soc. **8**: 189. [Listed.]<sup>2</sup>
- koeae* var. *rubescens* Kirkaldy. See *Iburnia rubescens* Kirkaldy.

**koaephyllodii** Muir

- 1916 *Nesosydne koaephyllodii* Muir, Proc. Hawaiian Ent. Soc. **3**: 186; Pl. 2, Fig. 31. [n. sp., illustrated.]<sup>2,4</sup> :214. [Listed.]<sup>2</sup> Hawaii<sup>1</sup>  
(Hawaiian  
Islands)
- 1916 *N[esosydne] koaephyllodii* Muir, Proc. Hawaiian Ent. Soc. **3**: 204, 205. [Notes.] Kauai<sup>2</sup>  
(Hawaiian  
Islands)
- 1917 *Nesosydne koaephyllodii* Giffard, Proc. Hawaiian Ent. Soc. **3**: 343. [Food plants.]<sup>1</sup> Hawaiian  
Islands<sup>3</sup>
- 1917 *Nesosydne koaephyllodii* Muir, Proc. Hawaiian Ent. Soc. **3**: 299. [Notes.] Hawaiian  
Islands<sup>3</sup>
- 1922 *Iburnia koaephyllodii* Muir, Proc. Hawaiian Ent. Soc. **5**: 96. [Notes.]<sup>2</sup> Oahu<sup>4</sup>  
(Hawaiian  
Islands)
- 1922 *Iburnia koaephyllodii* [sic] Giffard, Proc. Hawaiian Ent. Soc. **5**: 107. [Listed.]<sup>2</sup> :115. [Food plants.]<sup>3</sup>

**koebelei** Muir

- 1917 *Nesosydne koebelei* Muir, Proc. Hawaiian Ent. Soc. **3**: 308; Pl. 5, Figs. 10, 10a. [n. sp., illustrated.]<sup>1</sup> Oahu<sup>1</sup>  
(Hawaiian  
Islands)
- 1921 *Iburnia koebelei* Muir, Proc. Hawaiian Ent. Soc. **4**: 518. [Comparative note.] Hawaiian  
Islands
- 1922 *Iburnia koebelei* Giffard, Proc. Hawaiian Ent. Soc. **5**: 109. [Listed.]<sup>1</sup>

**kokolau** Muir

- 1919 *Iburnia kokolau* Muir, Proc. Hawaiian Ent. Soc. **4**: 95; Pl. 4, Figs. 4a, b. [n. sp., illustrated.]<sup>1</sup> Maui<sup>1</sup>  
(Hawaiian  
Islands)
- 1922 *Iburnia kokolau* Giffard, Proc. Hawaiian Ent. Soc. **5**: 108. [Listed.]<sup>1</sup> :113. [Food plants.]<sup>2</sup> Hawaiian  
Islands<sup>2</sup>

**kuschei** Muir

- 1922 *Iburnia kuschei* Muir, Proc. Hawaiian Ent. Soc. **5**: 96; Pl. 3, Fig. 10 [n. sp., illustrated.]<sup>2</sup> Hawaiian  
Islands<sup>1</sup>
- 1922 *Iburnia kuschei* Giffard, Proc. Hawaiian Ent. Soc. **5**: 108. [Listed.]<sup>2</sup> :115. [Food plants.]<sup>1</sup> Kauai<sup>2</sup>  
(Hawaiian  
Islands)
- lanaiensis* Muir (var.). See *Iburnia cyathodis* var. *lanaiensis* Muir. Hawaiian  
Islands

**leahi** Kirkaldy

- 1904 *Megamelus leahi* Kirkaldy, Entomologist **37**: 176. [n. sp.]<sup>1</sup> :175. [Listed.]<sup>1</sup> Oahu<sup>1</sup>  
(Hawaiian  
Islands)
- 1908 *Nesosydne leahi* Kirkaldy, Proc. Hawaiian Ent. Soc. **1**: 202. [Listed.]<sup>2</sup> Hawaiian<sup>2</sup>
- 1916 *Nesosydne leahi* Muir, Proc. Hawaiian Ent. Soc. **3**: 169. [Notes.]<sup>2</sup> [Hawaiian  
Islands]



*Iburnia*

- Equals *Megamelus leahi* Kirk. :193; Pl. 3, Fig. 49. [Described, illustrated.]<sup>3</sup> Equals *Megamelus leahi* Kirk. :214. [Listed.]<sup>3</sup> Islands)  
 1917 *Nesosydne leahi* Giffard, Proc. Hawaiian Ent. Soc. **3**: 343. [Food plants.]<sup>2</sup> Kauai<sup>3</sup>  
 (Hawaiian Islands)  
 1919 *Iburnia leahi* Muir, Proc. Hawaiian Ent. Soc. **4**: 90. [Comparative note.] Molokai<sup>4</sup>  
 (Hawaiian Islands)  
 1922 *Iburnia leahi* Giffard, Proc. Hawaiian Ent. Soc. **5**: 108. [Listed.]<sup>1,3</sup>  
 1931 *Iburnia leahi* Swezey, Proc. Hawaiian Ent. Soc. **7**: 341. [Food plants.]<sup>4</sup>

*lobeliae* Muir

- 1916 *Nesosydne lobeliae* Muir, Proc. Hawaiian Ent. Soc. **3**: 212. [n. sp.]<sup>1</sup> Oahu<sup>1</sup>  
 1917 *Nesosydne lobeliae* Muir, Proc. Hawaiian Ent. Soc. **3**: 306; Pl. 5, (Hawaiian  
 Figs. 7, 7a. [Illustrated.]<sup>3</sup> Islands)  
 1917 *Nesosydne lobeliae* Giffard, Proc. Hawaiian Ent. Soc. **3**: 344. Hawaii<sup>2</sup>  
 [Food plants.]<sup>2</sup> (Hawaiian Islands)  
 1919 *Iburnia lobeliae* Muir, Proc. Hawaiian Ent. Soc. **4**: 108. [Notes.]<sup>1</sup>  
 1921 *Iburnia lobeliae* Muir, Proc. Hawaiian Ent. Soc. **4**: 520; Pl. 8, Hawaiian  
 Figs. 3, 3a. [Illustrated.] Islands<sup>3</sup>  
 1922 *Iburnia lobeliae* Giffard, Proc. Hawaiian Ent. Soc. **5**: 108. Islands<sup>3</sup>  
 [Listed.]<sup>1</sup> :115. [Food plants.]<sup>3</sup>

*longipes* Muir

- 1919 *Iburnia longipes* Muir, Proc. Hawaiian Ent. Soc. **4**: 93; Pl. 3, Fig. Maui<sup>1</sup>  
 4; Pl. 4, Fig. 15. [n. sp., illustrated.]<sup>1</sup> [Hawaiian  
 1922 *Iburnia longipes* Giffard, Proc. Hawaiian Ent. Soc. **5**: 109. Islands)  
 [Listed.]<sup>1</sup> :113. [Food plants.]<sup>2</sup> Hawaiian  
 Islands

*mamake* Muir

- 1919 *Iburnia mamake* Muir, Proc. Hawaiian Ent. Soc. **4**: 101; Pl. 4, Maui<sup>1</sup>  
 Fig. 8. [n. sp., illustrated.]<sup>1</sup> (Hawaiian  
 1922 *Iburnia mamake* Giffard, Proc. Hawaiian Ent. Soc. **5**: 108. Islands)  
 [Listed.]<sup>1</sup> :115. [Food plants.]<sup>2</sup> Hawaiian  
 Islands<sup>2</sup>

*mauiensis* Muir

- 1919 *Iburnia mauiensis* Muir, Proc. Hawaiian Ent. Soc. **4**: 99; Pl. 3, Maui<sup>1</sup>  
 Fig. 10; Pl. 4, Fig. 5. [n. sp., illustrated.]<sup>1</sup> (Hawaiian  
 1921 *Iburnia mauiensis* Muir, Proc. Hawaiian Ent. Soc. **4**: 516. [Com- Islands)  
 parative note.] Hawaiian  
 1922 *Iburnia mauiensis* Giffard, Proc. Hawaiian Ent. Soc. **5**: 108. Islands<sup>2</sup>  
 [Listed.]<sup>1</sup> :114. [Food plants.]<sup>2</sup> Hawaii<sup>3</sup>  
 1932 *Iburnia mauiensis* Swezey and Williams, Proc. Hawaiian Ent. (Hawaiian  
 Soc. **8**: 189. [Listed.]<sup>3</sup> Islands)  
 1936 *Iburnia mauiensis* Swezey, Proc. Hawaiian Ent. Soc. **9**: 208.  
 [Food plants.]<sup>1</sup>

*monticola* Kirkaldy

- 1910 *Nesosydne monticola* Kirkaldy, Fauna Hawaiiensis Suppl. :591. Hawaii<sup>1</sup>  
 [n. sp.]<sup>2</sup> (Hawaiian  
 1916 *Nesosydne monticola* Muir, Proc. Hawaiian Ent. Soc. **3**: 197. Islands)  
 [Notes.]<sup>3</sup> :214. [Listed.]<sup>2</sup>  
 1917 *Nesosydne monticola* Giffard, Proc. Hawaiian Ent. Soc. **3**: 348. Maui<sup>2</sup>  
 [Listed.]<sup>1</sup> (Hawaiian  
 Islands)

- 1919 *Iburnia monticola* Muir, Proc. Hawaiian Ent. Soc. 4: 90; Pl. 4, Fig. 10. [Described, illustrated.]<sup>2</sup> :84. [Listed.] Hawaiian Islands<sup>3</sup>
- 1922 *Iburnia monticola* Giffard, Proc. Hawaiian Ent. Soc. 5: 109. [Listed.]<sup>2</sup> :113. [Food plants.]<sup>3</sup>
- montistantala** Muir
- 1916 *Nesosydne montistantalus* Muir, Proc. Hawaiian Ent. Soc. 3: 195; Pl. 3, Fig. 55. [n. sp., illustrated.]<sup>2</sup> :214. [Listed.]<sup>2</sup> Hawaii<sup>1</sup> (Hawaiian Islands)
- 1916 *N[esosydne] montistantalus* Muir, Proc. Hawaiian Ent. Soc. 3: 203. [Note.] Oahu<sup>2</sup> (Hawaiian Islands)
- 1917 *Nesosydne montistantalus* Giffard, Proc. Hawaiian Ent. Soc. 3: 344. [Food plants.]<sup>1</sup>
- 1922 *Nesosydne montistantalus* Giffard, Proc. Hawaiian Ent. Soc. 5: 109. [Listed.]<sup>2</sup>
- naenae** Muir
- 1922 *Iburnia naenae* Muir, Proc. Hawaiian Ent. Soc. 5: 98; Pl. 3, Fig. 12. [n. sp., illustrated.]<sup>1</sup> Kauai<sup>1</sup> (Hawaiian Islands)
- 1922 *Iburnia naenae* Giffard, Proc. Hawaiian Ent. Soc. 5: 108. [Listed.]<sup>1</sup> :115. [Food plants.]<sup>2</sup> Hawaiian Islands<sup>2</sup>
- neocyrtandrae** Muir
- 1919 *Iburnia neocyrtandrae* Muir, Proc. Hawaiian Ent. Soc. 4: 100; Pl. 3, Fig. 9; Pl. 4, Fig. 7. [n. sp., illustrated.]<sup>1</sup> Maui<sup>1</sup> (Hawaiian Islands)
- 1922 *Iburnia neocyrtandrae* Giffard, Proc. Hawaiian Ent. Soc. 5: 108. [Listed.]<sup>1</sup> :114. [Food plants.]<sup>2</sup> Hawaiian Islands<sup>2</sup>
- neorailardiae** Muir
- 1921 *Iburnia neorailardiae* Muir, Proc. Hawaiian Ent. Soc. 4: 517; Pl. 8, Fig. 17. [n. sp., illustrated.]<sup>1</sup> Hawaii<sup>1</sup> (Hawaiian Islands)
- 1922 *Iburnia neorailardiae* Giffard, Proc. Hawaiian Ent. Soc. 5: 109. [Listed.]<sup>1</sup> :114. [Food plants.]<sup>2</sup> Hawaiian Islands<sup>2</sup>
- neowailupensis** Muir
- 1916 *Nesosydne wailupensis* Muir, Proc. Hawaiian Ent. Soc. 3: 191; Pl. 3, Fig. 43; Pl. 4, Fig. 66. [n. sp., illustrated.]<sup>2</sup> :214. [Listed.]<sup>2</sup> :195, 196. [Comparative note.] Hawaii<sup>1</sup> (Hawaiian Islands)
- 1917 *Nesosydne wailupensis* Giffard, Proc. Hawaiian Ent. Soc. 3: 348. [Listed.]<sup>1</sup> Oahu<sup>2</sup> (Hawaiian Islands)
- 1919 *Iburnia neowailupensis* Muir, Proc. Hawaiian Ent. Soc. 4: 108. nom. nov. for *Nesosydne wailupensis* Muir.
- 1921 *Iburnia neowailupensis* Muir, Proc. Hawaiian Ent. Soc. 4: 518. [Comparative note.]
- 1922 *Iburnia neowailupensis* Giffard, Proc. Hawaiian Ent. Soc. 5: 108. [Listed.]<sup>2</sup>
- nephelias** Kirkaldy
- 1910 *Nesosydne nephelias* Kirkaldy, Fauna Hawaiiensis Suppl. :588. [n. sp.]<sup>2</sup> Hawaii<sup>1</sup> (Hawaiian Islands)
- 1916 *Nesosydne nephelias* Muir, Proc. Hawaiian Ent. Soc. 3: 197. [Notes.]<sup>3</sup> :214. [Listed.]<sup>2</sup> Lanai<sup>2</sup> (Hawaiian Islands)
- 1917 *Nesosydne nephelias* Giffard, Proc. Hawaiian Ent. Soc. 3: 348. [Listed.]<sup>1</sup> (Hawaiian Islands)

*Ilburnia*

- 1917 *Nesosydne disjuncta* Muir, Proc. Hawaiian Ent. Soc. 3: 306; Pl. 5, Hawaiian  
Figs. 12, 12a. [n. sp., illustrated.]<sup>2</sup> Islands<sup>3</sup>
- 1917 *Nesosydne nephelias* Muir, Proc. Hawaiian Ent. Soc. 3: 308; Pl. 5,  
Fig. 8. [Notes, illustrated.]<sup>2</sup>
- 1919 *Ilburnia nephelias* Muir, Canadian Ent. 51: 6. Equals *Ilburnia disjuncta* Muir.
- 1922 *Ilburnia nephelias* Giffard, Proc. Hawaiian Ent. Soc. 5: 107. [Listed.]<sup>2</sup>
- 1922 *Ilburnia disjuncta* Giffard, Proc. Hawaiian Ent. Soc. 5: 108. [Listed.]<sup>2</sup>

**nephrolepidis** Kirkaldy

- 1908 *Nesosydne nephrolepidis* Kirkaldy, Proc. Hawaiian Ent. Soc. 1: Hawaiian  
203; Pl. 4, Fig. 1. [n. sp., illustrated.]<sup>1</sup> Islands<sup>1</sup>
- 1910 *Nesosydne nephrolepidis* Kirkaldy, Fauna Hawaiiensis Suppl. Oahu<sup>2</sup>  
:586. [Listed.]<sup>2</sup> (Hawaiian  
Islands)
- 1916 *Nesosydne nephrolepidis* Muir, Proc. Hawaiian Ent. Soc. 3: 189;  
Pl. 3, Fig. 40; Pl. 4, Fig. 79. [Described, illustrated.]<sup>2,3</sup> :214. Hawaii<sup>3</sup>  
[Listed.]<sup>2</sup> :188. [Comparative note.] :203. [Note.] (Hawaiian  
Islands)
- 1917 *Nesosydne nephrolepidis* Giffard, Proc. Hawaiian Ent. Soc. 3: 348. Islands)
- [Listed.]<sup>3</sup>
- 1922 *Ilburnia nephrolepidis* Giffard, Proc. Hawaiian Ent. Soc. 5: 108. [Listed.]<sup>2,3</sup> :115.  
[Food plants.]<sup>1</sup>

**nesogunnerae** Muir

- 1917 *Nesosydne nesogunnerae* Muir, Proc. Hawaiian Ent. Soc. 3: 305; Lanai<sup>1</sup>  
Pl. 5, Figs. 16, 16a. [n. sp., illustrated.]<sup>1</sup> (Hawaiian  
Islands)
- 1919 *Ilburnia nesogunnerae* Muir, Proc. Hawaiian Ent. Soc. 4: 103. Islands)
- [Comparative note.]
- 1922 *Ilburnia nesogunnerae* Giffard, Proc. Hawaiian Ent. Soc. 5: 108. [Listed.]<sup>1</sup>

**nesopele** Muir

- 1921 *Ilburnia nesopele* Muir, Proc. Hawaiian Ent. Soc. 4: 511; Pl. 8, Maui<sup>1</sup>  
Figs. 6, 6a. [n. sp., illustrated.]<sup>1</sup> (Hawaiian  
Islands)
- 1922 *Ilburnia nesopele* Giffard, Proc. Hawaiian Ent. Soc. 5: 108. Hawaiian  
[Listed.]<sup>1</sup> :114. [Food plants.]<sup>2</sup> Islands<sup>2</sup>

**nigriceps** Muir

- 1917 *Nesosydne nigriceps* Muir, Proc. Hawaiian Ent. Soc. 3: 308; Pl. 6, Lanai<sup>1</sup>  
Figs. 33, 33a. [n. sp., illustrated.]<sup>1</sup> (Hawaiian  
Islands)
- 1921 *Ilburnia nigroceps* [sic] Muir, Proc. Hawaiian Ent. Soc. 4: 510, Islands)
- 511; Pl. 8, Fig. 7. [Comparative note, illustrated.]<sup>1</sup>
- 1922 *Ilburnia nigriceps* Giffard, Proc. Hawaiian Ent. Soc. 5: 107. [Listed.]<sup>1</sup>

*nigrinervis* Muir (var.). See *Ilburnia cyathodis* var. *nigrinervis* Muir.

*nigroceps*. Typographical error for *Ilburnia nigriceps* Muir.

**nubigena** Kirkaldy

- 1910 *Nesosydne nubigena* Kirkaldy, Fauna Hawaiiensis Suppl. :589. [n. Hawaii<sup>1</sup>  
sp.]<sup>2</sup> (Hawaiian  
Islands)
- 1916 *Nesosydne nubigena* Muir, Proc. Hawaiian Ent. Soc. 3: 197. Islands)
- [Listed.] :214. [Listed.]<sup>2</sup> Molokai<sup>2</sup>
- 1917 *Nesosydne nubigena* Giffard, Proc. Hawaiian Ent. Soc. 3: 348. (Hawaiian  
[Listed.]<sup>1</sup> Islands)
- 1922 *Ilburnia nubigena* Giffard, Proc. Hawaiian Ent. Soc. 5: 109.  
[Listed.]<sup>2</sup>

**oahuensis** Muir

- 1916 *Nesosydne oahuensis* Muir, Proc. Hawaiian Ent. Soc. 3: 188; Pl. 2, Fig. 37. [n. sp., illustrated.]<sup>2</sup> :214. [Listed.]<sup>2</sup> Hawaii<sup>1</sup>  
(Hawaiian Islands)
- 1916 *N[esosydne] oahuensis* Muir, Proc. Hawaiian Ent. Soc. 3: 205. [Notes.] Oahu<sup>2</sup>
- 1917 *Nesosydne oahuensis* Giffard, Proc. Hawaiian Ent. Soc. 3: 343. [Food plants.]<sup>1</sup> (Hawaiian Islands)
- 1919 *Ilburnia oahuensis* Muir, Proc. Hawaiian Ent. Soc. 4: 95, 101. [Comparative note.]
- 1922 *Ilburnia oahuensis* Giffard, Proc. Hawaiian Ent. Soc. 5: 108. [Listed.]<sup>2</sup>

**olympica** Muir

- 1921 *Ilburnia olympica* Muir, Proc. Hawaiian Ent. Soc. 4: 520; Pl. VIII, Figs. 16, 16a, 16b. [n. sp., illustrated.]<sup>2</sup> Hawaiian Islands<sup>1</sup>
- 1922 *Ilburnia olympica* Giffard, Proc. Hawaiian Ent. Soc. 5: 109. [Listed.]<sup>2</sup> :114. [Food plants.]<sup>1</sup> Oahu<sup>2</sup>  
(Hawaiian Islands)

**osborni** Muir

- 1916 *Nesosydne osborni* Muir, Proc. Hawaiian Ent. Soc. 3: 192; Pl. 3, Fig. 46. [n. sp., illustrated.]<sup>2</sup> :214. [Listed.]<sup>2</sup> Hawaii<sup>1</sup>  
(Hawaiian Islands)
- 1919 *Ilburnia osborni* Muir, Proc. Hawaiian Ent. Soc. 4: 99; Pl. 4, Fig. 6. [Described, illustrated.]<sup>2</sup> :97. [Comparative note.] :85. [Listed.] Maui<sup>2</sup>
- 1922 *Ilburnia osborni* Giffard, Proc. Hawaiian Ent. Soc. 5: 108. [Listed.]<sup>2</sup> (Hawaiian Islands)

**painiu** Muir

- 1919 *Ilburnia painiu* Muir, Proc. Hawaiian Ent. Soc. 4: 102; Pl. 4, Figs. 16a, b, c. [n. sp., illustrated.]<sup>1</sup> Maui<sup>1</sup>  
(Hawaiian Islands)
- 1921 *Ilburnia painiu* Muir, Proc. Hawaiian Ent. Soc. 4: 513. [Comparative note.]<sup>1</sup> Hawaiian Islands<sup>2</sup>
- 1922 *Ilburnia painiu* Giffard, Proc. Hawaiian Ent. Soc. 5: 108. [Listed.]<sup>1</sup> :115. [Food plants.]<sup>2</sup> Islands<sup>2</sup>

**palustris** Kirkaldy

- 1908 *Nesosydne palustris* Kirkaldy, Proc. Hawaiian Ent. Soc. 1: 202; Pl. 4, Fig. 7. [n. sp., illustrated.]<sup>3</sup> Hawaiian Islands<sup>1</sup>
- 1910 *Nesosydne palustris* Kirkaldy, Fauna Hawaiiensis Suppl. :589. [Described.]<sup>3</sup> Hawaii<sup>2</sup>  
(Hawaiian Islands)
- 1916 *Nesosydne palustris* Muir, Proc. Hawaiian Ent. Soc. 3: 197. [Listed.] :214. [Listed.]<sup>3</sup> Molokai<sup>3</sup>
- 1917 *Nesosydne palustris* Giffard, Proc. Hawaiian Ent. Soc. 3: 348. [Listed.]<sup>2</sup> (Hawaiian Islands)
- 1917 *Nesosydne palustris* Muir, Proc. Hawaiian Ent. Soc. 3: 308, 310. [Comparative note.]
- 1922 *Ilburnia palustris* Giffard, Proc. Hawaiian Ent. Soc. 5: 109. [Listed.]<sup>3</sup>

**pele** Kirkaldy

- 1910 *Nesosydne pele* Kirkaldy, Fauna Hawaiiensis Suppl. :585. [n. sp., comparative note.]<sup>1</sup> Hawaii<sup>1</sup>  
(Hawaiian Islands)
- 1916 *Nesosydne pele* Muir, Proc. Hawaiian Ent. Soc. 3: 188; Pl. 2, Fig. 36; Pl. 4, Fig. 78. [Described, illustrated.]<sup>1</sup> :214. [Listed.]<sup>1</sup> Hawaiian Islands<sup>2</sup>
- 1917 *Nesosydne pele* Muir, Proc. Hawaiian Ent. Soc. 3: 304. [Listed.]<sup>2</sup>
- 1917 *Nesosydne pele* Giffard, Proc. Hawaiian Ent. Soc. 3: 343. [Food plants.]<sup>1</sup>



*Iburnia*

- 1921 *Iburnia pele* Muir, Proc. Hawaiian Ent. Soc. 4: 511, 512; Pl. 8, Figs. 9, 9a. [Comparative note, illustrated.]  
 1922 *Iburnia pele* Giffard, Proc. Hawaiian Ent. Soc. 5: 107. [Listed.]<sup>1</sup>

*perkinsi* Muir

- 1916 *Nesosydne perkinsi* Muir, Proc. Hawaiian Ent. Soc. 3: 190; Pl. 2, Fig. 42; Pl. 4, Fig. 73. [n. sp., illustrated.]<sup>2</sup> :214. [Listed.]<sup>2</sup> Hawaii<sup>1</sup>  
 (Hawaiian  
 Islands)  
 1916 *N[esosydne] perkinsi* Muir, Proc. Hawaiian Ent. Soc. 3: 203, 205. Maui<sup>2</sup>  
 [Notes.] (Hawaiian  
 Islands)  
 1917 *Nesosydne perkinsi* Muir, Proc. Hawaiian Ent. Soc. 3: 305. [Comparative note.]<sup>2</sup> :306. [Comparative note.]  
 1917 *Nesosydne perkinsi* Giffard, Proc. Hawaiian Ent. Soc. 3: 348. [Listed.]<sup>1</sup>  
 1922 *Iburnia perkinsi* Giffard, Proc. Hawaiian Ent. Soc. 5: 108. [Listed.]<sup>2</sup>

*phyllostegiae* Muir

- 1918 *Nesosydne phyllostegiae* Muir, Proc. Hawaiian Ent. Soc. 3: 405; Figs. 3, 4. [n. sp., illustrated.]<sup>1</sup> Hawaii<sup>1</sup>  
 (Hawaiian  
 Islands)  
 1918 *Nesosydne phyllostegiae* Giffard, Proc. Hawaiian Ent. Soc. 3: 412. [Food plants.]<sup>1</sup> :408. [Listed.] Hawaiian  
 1922 *Iburnia phyllostegiae* Giffard, Proc. Hawaiian Ent. Soc. 5: 108. Islands<sup>2</sup>  
 [Listed.]<sup>1</sup> :113. [Food plants.]<sup>2</sup>

*pilo* Muir

- 1922 *Iburnia pilo* Muir, Proc. Hawaiian Ent. Soc. 5: 99; Pl. 3, Figs. 14, 14a. [n. sp., illustrated.]<sup>1</sup> Kauai<sup>1</sup>  
 (Hawaiian  
 Islands)  
 1922 *Iburnia pilo* Giffard, Proc. Hawaiian Ent. Soc. 5: 107. [Listed.]<sup>2</sup> Maui<sup>2</sup>  
 :115. [Food plants.]<sup>3</sup> (Hawaiian  
 Islands)  
 Hawaiian  
 Islands<sup>3</sup>

*pipturi* Kirkaldy

- 1908 *Nesosydne pipturi* Kirkaldy, Proc. Hawaiian Ent. Soc. 1: 202; Pl. 4, Fig. 3. [n. sp., illustrated.]<sup>8</sup> Hawaiian  
 Islands<sup>3</sup>  
 1910 *Nesosydne pipturi* Kirkaldy, Fauna Hawaiiensis Suppl. :584. [Described.]<sup>3,4</sup> Hawaii<sup>2</sup>  
 (Hawaiian  
 Islands)  
 1910 *Nesosydne pipturi* Swezey, Proc. Hawaiian Ent. Soc. 2: 114. [Listed.]<sup>3</sup> Oahu<sup>3</sup>  
 (Hawaiian  
 Islands)  
 1912 *Nesosydne pipturi* Swezey, Proc. Hawaiian Ent. Soc. 2: 159. [Listed.]<sup>2</sup> (Hawaiian  
 Islands)  
 1916 *Nesosydne pipturi* Muir, Proc. Hawaiian Ent. Soc. 3: 191; Pl. 3, Fig. 45. [Described, illustrated.]<sup>1</sup> :214. [Listed.]<sup>3,4</sup> Molokai<sup>4</sup>  
 (Hawaiian  
 Islands)  
 1917 *Nesosydne pipturi* Giffard, Proc. Hawaiian Ent. Soc. 3: 343. [Food plants.]<sup>2</sup> Islands)  
 1921 *Iburnia pipturi* Muir, Proc. Hawaiian Ent. Soc. 4: 515; Pl. 8, Figs. 11, 11a. [Illustrated.]  
 1922 *Iburnia pipturi* Giffard, Proc. Hawaiian Ent. Soc. 5: 108. [Listed.]<sup>3,4</sup>  
 1929 *Iburnia pipturi* Swezey and Bryan, Proc. Hawaiian Ent. Soc. 7: 304. [Listed.]<sup>3</sup>

*procellaris* Kirkaldy

- 1910 *Nesosydne procellaris* Kirkaldy, Fauna Hawaiiensis Suppl. :588. [n. sp.]<sup>2</sup> Hawaii<sup>1</sup>  
 (Hawaiian  
 Islands)  
 1916 *Nesosydne procellaris* Muir, Proc. Hawaiian Ent. Soc. 3: 197. [Notes.]<sup>3</sup> :214. [Listed.]<sup>2</sup> Molokai<sup>2</sup>  
 1917 *Nesosydne procellaris* Giffard, Proc. Hawaiian Ent. Soc. 3: 348. (Hawaiian  
 [Listed.]<sup>1</sup> Islands)

- 1921 *Iburnia procellaris* Muir, Proc. Hawaiian Ent. Soc. 4: 513. [Com- Hawaiian  
parative note.] Islands<sup>3</sup>
- 1922 *Iburnia procellaris* Giffard, Proc. Hawaiian Ent. Soc. 5: 109.  
[Listed.]<sup>2</sup>

**pseudorubescens** Muir

- 1916 *Nesosydne pseudorubescens* Muir, Proc. Hawaiian Ent. Soc. 3: Hawaii<sup>1</sup>  
186; Pl. 2, Fig. 34. [n. sp., illustrated.]<sup>1</sup> :214. [Listed.]<sup>1</sup> (Hawaiian  
Islands)
- 1916 *N[esosydne] pseudorubescens* Muir, Proc. Hawaiian Ent. Soc. 3: Hawaiian  
204. [Notes.] Islands<sup>2</sup>
- 1917 *Nesosydne pseudorubescens* Giffard, Proc. Hawaiian Ent. Soc. 3: Maui<sup>3</sup>  
342. [Food plants.]<sup>1</sup> (Hawaiian  
Islands)
- 1918 *Nesosydne pseudorubescens* Giffard, Proc. Hawaiian Ent. Soc. 3: (Hawaiian  
411. [Food plants.]<sup>1</sup> Islands)
- 1919 *Iburnia pseudorubescens* Muir, Proc. Hawaiian Ent. Soc. 4: 88.  
[Notes.]<sup>3</sup>
- 1922 *Iburnia pseudorubescens* Giffard, Proc. Hawaiian Ent. Soc. 5: 107. [Listed.]<sup>1-3</sup>
- 1932 *Iburnia pseudorubescens* Swezey and Williams, Proc. Hawaiian Ent. Soc. 8: 189, 192  
[Listed.]<sup>1</sup>

*pulla* Muir (var.). See *Iburnia rubescens* var. *pulla* Muir.

*pulla* Muir. See *Iburnia ahinahina* Muir.

**raillardiae** Kirkaldy

- 1908 *Nesosydne raillardiae* Kirkaldy, Proc. Hawaiian Ent. Soc. 1: 203; Hawaiian  
Pl. 4, Fig. 5. [n. sp., illustrated.]<sup>2</sup> Islands<sup>1</sup>
- 1910 *Nesosydne raillardiae* Kirkaldy, Fauna Hawaiiensis Suppl. :590. Hawaii<sup>2</sup>  
[Listed.]<sup>2</sup> (Hawaiian  
Islands)
- 1910 *Nesosydne raillardiae* Kirkaldy, Proc. Hawaiian Ent. Soc. 2: 118.  
[Comparative note.] Islands)
- 1916 *Nesosydne raillardiae* Muir, Proc. Hawaiian Ent. Soc. 3: 194; Pl. 3, Fig. 50. [De-  
scribed, illustrated.]<sup>1</sup> :214. [Listed.]<sup>2</sup>
- 1916 *Nesosydne raillardiae* Muir, Proc. Hawaiian Ent. Soc. 3: 193. [Comparative note.]  
:204. 205. [Notes.]
- 1917 *Nesosydne raillardiae* Muir, Proc. Hawaiian Ent. Soc. 3: 309. [Notes.]<sup>2</sup>
- 1917 *Nesosydne raillardiae* Giffard, Proc. Hawaiian Ent. Soc. 3: 343. [Food plants.]<sup>2</sup>
- 1919 *Nesosydne raillardiae* Giffard, Proc. Hawaiian Ent. Soc. 4: 233. [Listed.]<sup>2</sup>
- 1919 *Iburnia raillardiae* Muir, Proc. Hawaiian Ent. Soc. 4: 99. [Comparative note.]
- 1921 *Iburnia raillardiae* Muir, Proc. Hawaiian Ent. Soc. 4: 516; Pl. 8, Fig. 18. [Illus-  
trated, notes.]<sup>2</sup> :517. [Comparative note.]
- 1922 *Iburnia raillardiae* Giffard, Proc. Hawaiian Ent. Soc. 5: 109. [Listed.]<sup>2</sup> :115. [Food  
plants.]<sup>1</sup>

*raillardicola*. Typographical error for *Iburnia raillardicola* Muir.

**raillardicola** Muir

- 1919 *Iburnia raillardicola* Muir, Proc. Hawaiian Ent. Soc. 4: 102; Pl. Maui<sup>1</sup>  
4, Fig. 14. [n. sp., illustrated.]<sup>1</sup> (Hawaiian  
Islands)
- 1921 *Iburnia raillardicola* [sic] Muir, Proc. Hawaiian Ent. Soc. 4: 512; Hawaiian  
Pl. 8, Fig. 5. [Comparative note, illustrated.] Islands<sup>2</sup>
- 1922 *Iburnia raillardicola* [sic] Giffard, Proc. Hawaiian Ent. Soc. 5: Maui<sup>1</sup>  
107. [Listed.]<sup>1</sup> :115. [Food plants.]<sup>2</sup> (Hawaiian  
Islands)

**rocki** Muir

- 1916 *Nesosydne rocki* Muir, Proc. Hawaiian Ent. Soc. 3: 196; Pl. 3, Fig. Hawaii<sup>1</sup>  
56; Pl. 4, Figs. 71a, b. [n. sp., illustrated.]<sup>2</sup> :214. [Listed.]<sup>2</sup> (Hawaiian  
Islands)
- 1916 *N[esosydne] rocki* Muir, Proc. Hawaiian Ent. Soc. 3: 203. [Note.] Islands)

*Iburnia*

- 1917 *Nesosydne rocki* Giffard, Proc. Hawaiian Ent. Soc. 3: 348. Oahu<sup>2</sup>  
[Listed.]<sup>1</sup> (Hawaiian  
Islands)
- 1922 *Iburnia rocki* Giffard, Proc. Hawaiian Ent. Soc. 5: 109. [Listed.]<sup>2</sup>

**rubescens** Kirkaldy

- 1907 *Nesosydne koae rubescens* Kirkaldy, Proc. Hawaiian Ent. Soc. 1: Hawaii<sup>1</sup>  
161. [n. var.]<sup>1</sup> (Hawaiian  
Islands)
- 1908 *Nesosydne koae rubescens* Kirkaldy, Proc. Hawaiian Ent. Soc. 1: Oahu<sup>2</sup>  
202. [Listed.]<sup>1</sup> (Hawaiian  
Islands)
- 1910 *Nesosydne koae rubescens* Kirkaldy, Fauna Hawaiiensis Suppl. Maui<sup>4</sup>  
:584. [Described.]<sup>2</sup> (Hawaiian  
Islands)
- 1916 *Nesosydne rubescens* Muir, Proc. Hawaiian Ent. Soc. 3: 185; Pl. 2, Hawaiian  
Fig. 30. [Described, illustrated.]<sup>2</sup> :214. [Listed.]<sup>1,2</sup> :186. [Comparative  
note.] :204. [Notes.] Islands<sup>3</sup>
- 1917 *Nesosydne rubescens* Giffard, Proc. Hawaiian Ent. Soc. 3: 342. (Hawaiian  
[Food plants.]<sup>1</sup> Islands)
- 1917 *Nesosydne rubescens* Muir, Proc. Hawaiian Ent. Soc. 3: 299. Kauai<sup>5</sup>  
[Notes.] (Hawaiian  
Islands)
- 1918 *Nesosydne rubescens* Giffard, Proc. Hawaiian Ent. Soc. 3: 411. Islands)
- 1919 *Iburnia rubescens* Muir, Proc. Hawaiian Ent. Soc. 4: 90. [Notes.]<sup>4</sup>
- 1922 *Iburnia rubescens* Muir, Proc. Hawaiian Ent. Soc. 5: 96. [Listed.]<sup>5</sup>
- 1922 *Iburnia rubescens* Giffard, Proc. Hawaiian Ent. Soc. 5: 107. [Listed.]<sup>1,2,4,5</sup>
- 1931 *Iburnia rubescens* Swezey, Proc. Hawaiian Ent. Soc. 7: 495. [Food plants.]<sup>3</sup>

**rubescens var. pulla** Muir

- 1916 *Nesosydne rubescens pulla* Muir, Proc. Hawaiian Ent. Soc. 3: 186. Hawaii<sup>1</sup>  
[n. var.]<sup>1</sup> (Hawaiian  
Islands)
- 1917 *Nesosydne rubescens pulla* Giffard, Proc. Hawaiian Ent. Soc. 3: Hawaiian  
342. [Food plants.]<sup>1</sup> Islands)
- 1917 *Nesosydne rubescens pulla* Muir, Proc. Hawaiian Ent. Soc. 3: 299. Oahu<sup>3</sup>  
[Notes.] (Hawaiian  
Islands<sup>2</sup>)
- 1918 *Nesosydne rubescens pulla* Giffard, Proc. Hawaiian Ent. Soc. 3: (Hawaiian  
411. [Food plants.]<sup>1</sup> Islands)
- 1922 *Iburnia rubescens pulla* Giffard, Proc. Hawaiian Ent. Soc. 5: 107. [Listed.]<sup>1,3</sup>

**sharpi** Muir

- 1916 *Nesosydne sharpi* Muir, Proc. Hawaiian Ent. Soc. 3: 195; Pl. 3, Hawaii<sup>1</sup>  
Figs. 53a, b; Pl. 4, Fig. 65. [n. sp., illustrated.]<sup>2</sup> :214. [Listed.]<sup>2</sup> (Hawaiian  
Islands)
- 1916 *N[esosydne] sharpi* Muir, Proc. Hawaiian Ent. Soc. 3: 203, 205. Oahu<sup>2</sup>  
[Notes.] (Hawaiian  
Islands)
- 1917 *Nesosydne sharpi* Muir, Proc. Hawaiian Ent. Soc. 3: 307, 308. (Hawaiian  
[Comparative note.] Islands)
- 1917 *Nesosydne sharpi* Giffard, Proc. Hawaiian Ent. Soc. 3: 348. [Listed.]<sup>1</sup>
- 1922 *Iburnia sharpi* Giffard, Proc. Hawaiian Ent. Soc. 5: 109. [Listed.]<sup>2</sup>
- 1936 *Iburnia sharpi* Swezey, Proc. Hawaiian Ent. Soc. 9: 203, 206. [Food plants.]<sup>2</sup>

**simulans** Walker

- 1851 *Delphax simulans* Walker, List Homop. British Mus. 2: 355. [n. Galapagos  
sp.]<sup>1</sup> Island<sup>1</sup>
- 1859 *Delphax simulans* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup> (Pacific Ocean)
- 1919 *Iburnia simulans* Muir, Canadian Ent. 51: 6. Equals *Delphax simulans* Walker.

- 1919 *Iburnia simulans* Muir, Proc. Hawaiian Ent. Soc. 4: 49. [Described.]<sup>1</sup> Equals *Delphax simulans* Walk. :48. [Listed.]<sup>1</sup> Equals *Delphax simulans* Walk.  
 1924 *Delphax simulans* Champion, Ent. Monthly Mag. 60: 260. [Listed.]<sup>1</sup>

**sola** Muir

- 1917 *Nesosydne sola* Muir, Proc. Hawaiian Ent. Soc. 3: 307; Pl. 5, Figs. 11, 11a. [n. sp., illustrated.]<sup>1</sup> Oahu<sup>1</sup>  
 (Hawaiian  
 1922 *Iburnia sola* Giffard, Proc. Hawaiian Ent. Soc. 5: 109. [Listed.]<sup>1</sup> Islands)

**stenogynicola** Muir

- 1919 *Iburnia stenogynicola* Muir, Proc. Hawaiian Ent. Soc. 4:94; Pl. 3, Fig. 5; Pl. 4, Fig. 22. [n. sp., illustrated.]<sup>1</sup> Maui<sup>1</sup>  
 (Hawaiian  
 1922 *Iburnia stenogynicola* Giffard, Proc. Hawaiian Ent. Soc. 5: 108. Islands)  
 [Listed.]<sup>1</sup>:113. [Food plants.]<sup>2</sup> Hawaiian  
 Islands<sup>2</sup>

**sulcata** Muir

- 1921 *Iburnia sulcata* Muir, Proc. Hawaiian Ent. Soc. 4: 516; Pl. 8, Fig. 4. [n. sp., illustrated.]<sup>2</sup>:507. [Notes.] Hawaiian  
 Islands<sup>1</sup>  
 1922 *Iburnia sulcata* Giffard, Proc. Hawaiian Ent. Soc. 5: 108. Maui<sup>2</sup>  
 [Listed.]<sup>2</sup>:114. [Food plants.]<sup>1</sup> (Hawaiian  
 Islands)

**swezeyi** Muir

- 1916 *Nesosydne swezeyi* Muir, Proc. Hawaiian Ent. Soc. 3: 187; Pl. 2, Fig. 33; Pl. 4, Fig. 68. [n. sp., illustrated.]<sup>2</sup>:214. [Listed.]<sup>2</sup> Hawaii<sup>1</sup>  
 (Hawaiian  
 1917 *Nesosydne swezeyi* Giffard, Proc. Hawaiian Ent. Soc. 3: 348. Islands)  
 [Listed.]<sup>1</sup> Oahu<sup>2</sup>  
 1917 *Nesosydne swezeyi* Muir, Proc. Hawaiian Ent. Soc. 3: 308. [Com- (Hawaiian  
 parative note.) Islands)  
 1922 *Iburnia swezeyi* Giffard, Proc. Hawaiian Ent. Soc. 5: 107. [Listed.]<sup>2</sup>

**tetramalopii** Muir

- 1919 *Iburnia tetramalopii* Muir, Proc. Hawaiian Ent. Soc. 4: 88; Pl. 3, Fig. 7; Pl. 4, Fig. 19. [n. sp., illustrated.]<sup>1</sup>:90. [Comparative note.] Maui<sup>1</sup>  
 (Hawaiian  
 1922 *Iburnia tetramalopii* [sic] Giffard, Proc. Hawaiian Ent. Soc. 5: Hawaiian  
 109. [Listed.]<sup>1</sup>:113. [Food plants.]<sup>2</sup> Islands<sup>2</sup>

*tetramalopii*. Typographical error for *Iburnia tetramalopii* Muir.

**timberlakei** Muir

- 1917 *Nesosydne timberlakei* Muir, Proc. Hawaiian Ent. 3: 304; Pl. 5, Fig. 14. [n. sp., illustrated.]<sup>2</sup> Hawaii<sup>1</sup>  
 (Hawaiian  
 1917 *Nesosydne timberlakei* Giffard, Proc. Hawaiian Ent. Soc. 3: 344. Islands)  
 [Food plants.]<sup>1</sup> Oahu<sup>2</sup>  
 1922 *Iburnia timberlakei* Giffard, Proc. Hawaiian Ent. Soc. 5: 108. (Hawaiian  
 [Listed.]<sup>2</sup> Islands)

**ulehihi** Muir

- 1919 *Iburnia ulehihi* Muir, Proc. Hawaiian Ent. Soc. 4: 104; Pl. 4, Fig. 12. [n. sp., illustrated.]<sup>1</sup> Hawaii<sup>1</sup>  
 (Hawaiian  
 1922 *Iburnia ulehihi* Giffard, Proc. Hawaiian Ent. Soc. 5: 109. Islands)  
 [Listed.]<sup>1</sup>:115. [Food plants.]<sup>2</sup> Hawaiian  
 Islands<sup>2</sup>



*Ilburnia*—*Chloriona***umbratica** Kirkaldy

- 1910 *Nesosydne umbratica* Kirkaldy, Fauna Hawaiiensis Suppl. :585. Hawaii<sup>1</sup>  
[n. sp.]<sup>1</sup> (Hawaiian  
Islands)  
1916 *Nesosydne umbratica* Muir, Proc. Hawaiian Ent. Soc. 3: 190. [Comparative note.]  
1916 *Nesosydne umbratica* Muir, Proc. Hawaiian Ent. Soc. 3: 197. [Listed.] :214. [Listed.]<sup>1</sup>  
1917 *Nesosydne umbratica* Giffard, Proc. Hawaiian Ent. Soc. 3: 348. [Listed.]<sup>1</sup>  
1922 *Ilburnia umbratica* Giffard, Proc. Hawaiian Ent. Soc. 5: 109. [Listed.]<sup>1</sup>

**viridis** Muir

- 1922 *Ilburnia viridis* Muir, Proc. Hawaiian Ent. Soc. 5: 99; Pl. 3, Figs. 13, 13a, [n. sp., illustrated.]<sup>1</sup> Kauai<sup>1</sup>  
(Hawaiian  
Islands)  
1922 *Ilburnia viridis* Giffard, Proc. Hawaiian Ent. Soc. 5: 108. [Listed.]<sup>1</sup> Hawaiian  
Islands<sup>2</sup>  
:115. Food plants.]<sup>2</sup>

**waikamoensis** Muir

- 1919 *Ilburnia waikamoensis* Muir, Proc. Hawaiian Ent. Soc. 4: 97; Pl. 3, Figs. 1, 8. [n. sp., illustrated.]<sup>1</sup> Maui<sup>1</sup>  
(Hawaiian  
Islands)  
1921 *Ilburnia waikamoensis* Muir, Proc. Hawaiian Ent. Soc. 4: 514; Pl. 8, Fig. 2. [Illustrated, notes.]<sup>1</sup> Hawaiian  
Islands<sup>2</sup>  
1922 *Ilburnia waikamoensis* Giffard, Proc. Hawaiian Ent. Soc. 5: 108. [Listed.]<sup>1</sup> :114. [Food plants.]<sup>2</sup>

**wailupensis** Muir

- 1916 *Aloha wailupensis* Muir, Proc. Hawaiian Ent. Soc. 3: 181; Pl. 2, Fig. 22. [n. sp., illustrated.]<sup>3</sup> :213. [Listed.]<sup>3</sup> Hawaii<sup>1</sup>  
(Hawaiian  
Islands)  
1917 *Aloha wailupensis* Giffard, Proc. Hawaiian Ent. Soc. 3: 341. [Food plants.]<sup>1</sup> Hawaiian  
Islands<sup>2</sup>  
1919 *Ilburnia wailupensis* Muir, Proc. Hawaiian Ent. Soc. 4: 108. [Notes.]<sup>2</sup> Equals *Aloha wailupensis* Muir. :98. [Comparative note.] Oahu<sup>3</sup>  
1922 *Ilburnia wailupensis* Giffard, Proc. Hawaiian Ent. Soc. 5: 108. [Listed.]<sup>3</sup> (Hawaiian  
Islands)

*wailupensis* Muir. (*Nesosydne*). See *Ilburnia neowailupensis* Muir.

Genus **CHLORIONA** Fieber

Type *Chloriona unicolor* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 149.

Type *Chloriona unicolor* 1912 Oshanin, Kat. Paläark. Hemip. :118.

Type *Chloriona unicolor* 1915 Muir, Canadian Ent. 47: 262.

Type *Delphax unicolor* 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 8.

Type *Chloriona unicolor* 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 211.

Type *Chloriona unicolor* 1935 Haupt, Tierwelt Mitteleuropas 4 (3): 130.

*Chloriona* 1866 Fieber, Verh. Zool. Bot. Ges. Wien 16: 522. [gen. n.] :532. [Listed.] :519. [Key.]

1867 Dallas, Zool. Rec. 3: 560. [Key.]

*Delphax* [nec Fabricius] [in part.] 1868 Kirschbaum, Cicad. Wiesbaden. :19. [Described, key to German species.]

*Liburnia* [nec Stål] [in part.] 1870 Scott, Ent. Monthly Mag. 7: 25. [Key to British species.]

- Chloriona 1871 Sahlberg, Not. Fennica [n. s.] 9 (12): 405. [Described.] :56. [Listed.] :74. [Key.] :21, 23. [Dimorphism.]  
 1872 Fieber, Kat. Europäischen Cicad. :5. [Listed.] Equals *Delphax* Aut. [in part.] Equals *Liburnia* Scott [in part.]  
 1873 Marschall, Nomenclator Zoologicus 1873: 358. [Listed.]  
 1874 Siebke, Enumeratio Insectorum Norvegicorum 1: 39. [Listed.]  
*Delphax* [nec Fabricius] [in part.] 1874 Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 82. [Listed.]
- Chloriona 1874 Lethierry, Cat. Hémipt. Dept. du Nord Second Ed. :257 (53) [Listed.]  
 1875 Puton, Cat. Hémipt. d'Europe 2 Ed. :118. [Listed.]  
 1875 Fieber, Cicad. d'Europe Pt. 1: 372 (85). [Key.]  
 1876 Fieber, Cicad. d'Europe Pt. 2: Pl. 7. [Illustrated.]
- Liburnia* [nec Stål] [in part.] 1876 Douglas and Scott, Cat. British Hemip. Homop. 66.: [Listed.]
- Chloriona 1878 Fieber, Cicad. d'Europe Pt. 3: 294 (25). [Described, key to species.] Equals *Delphax* Auct. [in part.]  
 1880 Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 55. [Listed.]  
 1882 Scudder, Nomenclator Zoologicus. Univ. Index :66. [Listed.]  
 1884 Mayr, Tabellen :19. [Key.] Equals *Delphax* Auct. [in part.]
- Chloriona 1885 Löw, Verh. Zool. Bot. Ges. Wien 35: 357. [Comparative note.]  
 1886 Then, Kat. Österreichischen Cicad. 1886: 13. [Listed.]  
 1886 Puton, Cat. Hemip. Faune Palearctique 3 Ed. :72. [Listed.]
- Liburnia* [nec Stål] [in part.] 1886 Edwards, Syn. British Homop.-Cicadina Pt. 1: 55. [Key.] :57; Pl. 1, Fig. 19. [Described, illustrated.] :58. [Key to species.]
- Chloriona 1888 Dubois, Mém. Soc. Linn. Nord France 7: 155 (59). [Listed.]  
*Chlorion* [sic] 1889 Ashmead, Ent. Amer. 5: 26. [Key.]  
*Liburnia* [nec Stål] [in part.] 1890 Buckton, Mon. British Cicadae 1: 28. [Key.] :30. [Described.]  
 1890 Saunders and Edwards, Cat. British Hemiptera. 1890: 11. [Listed.]
- Chloriona 1890 Buckton, Mon. British Cicadae 3: 75. [Listed.]  
 1891 Oshanin, Mém. Sect. caucasienne Soc. russe Geogr. 23 (1): 48, 63. [Listed.]  
 1891 Fokker, Cat. Nederland Hemip. :366. [Listed.]  
 1892 Duda, Cat. Ins. Faunae Bohemicae. :28. [Listed.]  
 1892 Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]  
 1893 Bezzi, Bull. Soc. Ent. Italiana 25: 108 (28). [Listed.]  
 1894 Edwards, Hemip.-Homop. British Islands Pt. 1: 31. To *Liburnia* [nec Stål] [error.]  
 1894 Edwards, Hemip.-Homop. British Islands Pt. 2: 33. [Key.] [As subgenus of *Liburnia*.]
- Liburnia* [nec Stål] [in part.] 1894 Edwards, Hemip.-Homop. British Islands Pt. 1: 31; Pl. 1, Fig. 19. [Described, illustrated.] :29. [Key.] :32. [Key to species.]
- Chloriona 1895 Wüstnei, Schr. Nat. Ver. Schleswig-Holsteins. 10: 268. [Listed.]  
 1896 Melichar, Cicad. Mittel-Europa :62. [Described.] :63. [Key to European species.] :50. [Key.]  
 1897 Horváth, Fauna Regni Hungariae :56. [Listed.]  
 1898 Dubois, Mém. Soc. Linn. Nord France 9: 234. [Listed.]  
 1898 Edwards, Ent. Monthly Mag. 34: 58. [Notes.] :59. [Key to species.]  
 1899 Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :107. [Listed.]  
 1899 Melichar, Ent. Jahrb. 1899: (7). [Listed.]  
 1900 Strobl, Mitt. Natur. Ver. Steiermark 36: 205. [Listed.]  
 1901 Melichar, Ent. Jahrb. 1901: 27 (7), 42 (9). [Listed.]

*Chloriona*

- 1902 Cobelli, Cicadine Trentino :9. [Listed.]  
 1903 Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste **21**: 61 (21).  
 [Listed.]  
*Liburnia* [nec Stål] [in part.] 1904 Swezey, Prelim. Cat. Fulgoridae North America :37.  
 [Listed.]  
 1904 Hübner, Syst. Verz. deutschen Zikadinen :269. [Listed.]  
 Chloriona 1906 Matsumura, Schr. Nat. Ges. Danzig **11**: 76. [Listed.]  
*Liburnia* [nec Stål] 1907 Butler, Hastings Nat. **1**: 49. [Notes.]  
 Chloriona 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 149. [Listed.]  
 1907 Oshanin, Verz. Palaeark. Hemip. **2** (2) :306. [Listed.]  
 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **3**: 152, 157.  
 [Comparative note.] :149. To *Delphax* [nec Fabr.] [error.]  
*Delphax* [nec Fabricius] [in part.] 1907 Kirkaldy, Bull. Hawaiian Sugar. Pl. Assoc. **3**: 149.  
 [Notes.] [Key to Australo-Fijian species.]  
 Chloriona 1908 Kirkaldy, Proc. Hawaiian Ent. Soc. **1**: 203. [Comparative note.]  
 1908 Saunders and Edwards, Cat. British Hemiptera. **1908**: 14.  
 [Listed.]  
 1910 Kirkaldy, Fauna Hawaiiensis Suppl. :591. [Comparative note.]  
 1912 Oshanin, Kat. Paläark. Hemip. :118. [Listed.]  
 1912 Schmidt, Stett. Ent. Zeit. **73**: 149. [Listed.]  
 1913 Dalla Torre, Ent. Jahrb. **22**: 149. [Listed.]  
 1914 Crawford, Mon. Delphacidae :602. To *Megamelus* Fieb. [error.]  
 1914 Van Duzee, Psyche **21**: 165. [Distinct.]  
 1915 Jensen-Haarup, Flora och Fauna **1915**: 100. [Described, Key to  
 species.] :98. [Key.]  
 1915 Muir, Canadian Ent. **47**: 302. [Key.] :212, 262. [Listed.]  
 1915 Jacobsen, Ent. Medd. **10**: 319. [Listed.]  
 1916 Oshanin, Horae Soc. Ent. Rossicae **42**: 88. [Bibliography.]  
*Liburnia* [nec Stål] [in part.] 1916 Van Duzee, Check List Hemip. America :84. [Listed.]  
 1917 Van Duzee, Cat. Hemip. America :773. [List of North American  
 species.]  
 Chloriona [sic] 1919 Muir, Canadian Ent. **51**: 7. [Comparative note.]  
 Chloriona 1920 Tullgren and Wahlgren, Svenska Insekter **1920**: 152. [Key,  
 listed.]  
 1920 Jensen-Haarup, Danmarks Fauna :34. [Described, key to spe-  
 cies.] :30. [Key.]  
*Liburnia* [nec Stål] [in part.] 1923 Metcalf, Jour. Elisha Mitchell Soc. **31**: 171. [Key to  
 Eastern North American species.]  
 Chloriona 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 8. [Listed.]  
 Chlorione [sic] 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 6. [Key.]  
 Chloriona 1924 Lindberg, Acta Soc. Fauna Flora Fennica **56**: 46. [Listed.]  
 1925 Handlirsch, Schröder's Handb. Ent. **3** (9) : 1112. [Listed.]  
 1926 Muir, Ann. Mag. Nat. Hist. (9) **17**: 30. [Listed.] :27. [Compara-  
 tive note.]  
 1927 Schulze, Kükenthal and Heider, Nomenclator animalium **2** (7)  
 :667. [Listed.]  
 1927 Poisson and Poisson, Bull. Soc. Linn. Normandie (7) **9**: 143.  
 [Listed.]  
 1928 Filipieff, Guide to Insects :157. [Key.] :159. [Listed.]  
 1929 Haupt, Zool. Jahrb. Syst. Ökol. **58**: 211. [Key.]  
 1929 Muir, Ann. Mag. Nat. Hist. (10) **4**: 188, 222. [Synonymy.] :199.  
 [Comparative note.] :204. [Listed.]  
 1932 Lindberg, Not. Ent. **12**: 36. [Comparative note.]  
 1935 Haupt, Tierwelt Mitteleuropas **4** (3) : 130. [Key.] :137. [Key to  
 species.]  
 1935 Matsumura, Ins. Matsumurana **9**: 125. [Key.] :135. [Described.]  
 :136. [Key to species.]

- 1935 Wagner, Verh. Ver. Naturw. Heimatforschung. **24**: 6. [List of German species.]  
 1937 Kuntze, Arch. Nat. [n. f.] **6**: 331, 355. [Ecology.]  
 1938 China, Ent. Monthly Mag. **74**: 197. [Listed.]  
 1939 Lindberg, Acta Zool. Fennica **22**: 10, 68-155; Figs. 34-49, 54, 55. [Parasites, effects of parasitism, illustrated.] :17-20. [Ecology.]  
 1939 Neave, Nomenclator Zoologicus **1**: 706. [Listed.]

*alba* Metcalf (var.). See *Chloriona unicolor* var. *alba* Metcalf.

### *albotristriata* Kirkaldy

- 1907 *Delphax albotristriatus* Kirkaldy, Bull. Hawaiian Sugar Pl. Queensland<sup>1</sup> Assoc. **3**: 154; Pl. 10, Fig. 15; Pl. 14, Figs. 1-3. [n. sp., illustrated.]<sup>1</sup> :151. [Key.] :13. [Listed.]

### *arakawai* Matsumura

- 1935 *Chloriona arakawai* Matsumura, Ins. Matsumurana **9**: 136. [n. sp., key.]<sup>1</sup> (Japan)

*b* Sahlberg (var.) [*unicolor*]. See *Chloriona unicolor* var. *alba* Metcalf.

*c* Sahlberg (var.) [*unicolor*]. See *Chloriona unicolor* var. *nigromaculata* Metcalf.

*d* Metcalf (var.) [*unicolor*]. See *Chloriona unicolor* var. *nigrofasciata* Metcalf.

*danica* Jensen-Haarup. See *Chloriona dorsata* Edwards.

*dorsalis* Metcalf (var.). See *Chloriona unicolor* var. *dorsalis* Metcalf.

### *dorsata* Edwards

- 1898 *Chloriona dorsata* Edwards, Ent. Monthly Mag. **34**: 59; Fig. 2. [n. sp., illustrated, key.]<sup>1</sup> France<sup>1</sup>  
 England<sup>2</sup>  
 1899 *Chloriona dorsata* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. Denmark<sup>3</sup>  
 :107. [Listed.]<sup>1</sup> British Isles<sup>4</sup>  
 1907 *Chloriona dorsata* Oshanin, Verz. Palaeark. Hemip. **2** (2): 308. [Listed.]<sup>1</sup>  
 1910 *Chloriona dorsata* Butler, Ent. Monthly Mag. **46**: 13. [Described.]<sup>2</sup>  
 1910 *Chloriona dorsata* Oshanin, Ann. Mus. Zool. St. Petersburg **15**: 185. [Listed.]<sup>4</sup>  
 1912 *Chloriona dorsata* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>1,2</sup>  
 1916 *Chloriona danica* Jensen-Haarup, Flora och Fauna **1916**: 35. [Listed.]  
 1917 *Chloriona danica* Jensen-Haarup, Ent. Medd. **11**: 4, Figs. 3a-b. [n. sp., illustrated.]<sup>3</sup>  
 1920 *Chloriona dorsata* Jensen-Haarup, Danmarks Fauna :35; Fig. 16 [Described, key, illustrated.]<sup>2,3</sup> Equals *Chloriona danica* J.-H.  
 1920 *Chloriona dorsata* Jensen-Haarup, Ent. Medd. **13**: 209. Equals *Chloriona danica* J.-H.  
 1929 *Chloriona dorsata* China, Ent. Monthly Mag. **65**: 250. [Listed.]<sup>1,4</sup>  
 1935 *Chloriona dorsata* Haupt, Tierwelt Mitteleuropas **4** (3): 137; Fig. 226A. [Key, illustrated.]  
 1938 *Chloriona dorsata* China, Ent. Monthly Mag. **74**: 197. [Listed.]<sup>4</sup>

*e* Sahlberg (var.) [*unicolor*]. See *Chloriona unicolor* var. *dorsalis* Metcalf.

*f* Sahlberg (var.) [*unicolor*]. See *Chloriona unicolor* var. *flava* Metcalf.

*farinosa* Buckton. See *Stenocranus minutus* Fabricius.

*flava* Metcalf (var.). See *Chloriona unicolor* var. *flava* Metcalf.

### *fuscipennis* Muir

- 1919 *Chloriona fuscipennis* Muir, Canadian Ent. **51**: 38; Fig. 10. [n. sp., illustrated.]<sup>1</sup> British Guiana<sup>1</sup>  
 Natal<sup>2</sup>  
 1926 *Chloriona fuscipennis* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: Cape Province<sup>3</sup>  
 37. [Listed.]  
 1926 *Chloriona fuscipennis* Muir, Ann. Mag. Nat. Hist. (9) **17**: 30. [Notes.]<sup>1,2</sup>



*Chloriona*

1929 *Chloriona fuscipennis* Muir, Ann. Mag. Nat. Hist. (10) 4: 207; Figs. 24, 25. [Listed, illustrated.]<sup>1,2,3</sup>

*glaucescens*. Typographical error for *Chloriona glaucescens* Fieber.

***glaucescens* Fieber**

- 1866 *Chloriona glaucescens* Fieber, Verh. Zool. Bot. Ges., Wien 16: 522; Pl. 8, Fig. 6 [n. sp., illustrated.]<sup>1</sup> :519, 532. [Listed.] Czechoslovakia<sup>1</sup>  
Germany<sup>2</sup>
- 1870 *Liburnia unicolor* [nec Herrich-Schäffer] Scott, Ent. Monthly Great Britain<sup>3</sup>  
Mag. 7: 25. [Key.] :75. [Listed.]<sup>17</sup> Switzerland<sup>4</sup>
- 1872 *Chloriona glaucescens* Fieber, Kat. Europäischen Cicad. :5. England<sup>5</sup>  
[Listed.]<sup>1</sup> Sweden<sup>6</sup>
- 1875 *Chloriona glaucescens* Puton, Cat. Hémipt. d'Europe 2 Ed. :118 Finland<sup>7</sup>  
[Listed.]<sup>2</sup> Holland<sup>8</sup>
- 1878 *Chloriona glaucescens* Fieber, Cicad. d'Europe Pt. 3: 296 (27). Scandinavia<sup>9</sup>  
[Described.]<sup>1</sup> Austria<sup>10</sup>
- 1884 *Chloriona glaucescens* Mayr, Tabellen :19. [Listed.]<sup>1</sup> Sweden<sup>11</sup>
- 1885 *Liburnia unicolor* [nec Herrich-Schäffer] Edwards, Ent. Monthly Hungary<sup>12</sup>  
Mag. 22: 67. [Note.] Batavia<sup>13</sup>
- 1886 *Liburnia unicolor* [nec Herrich-Schäffer] Edwards, Syn. British Central  
Homop.-Cicadina Pt. 1: 67. [Described.]<sup>3</sup> :58. [Key.] Europe<sup>14</sup>
- 1886 *Chloriona glaucescens* Then, Kat. Österreichischen Cicad. 1886: Denmark<sup>15</sup>  
:13. [Listed.]<sup>1</sup> France<sup>16</sup>
- 1886 *Chloriona glaucescens* Puton, Cat. Hémipt. Faune Paléarctique 3 Europe<sup>17</sup>  
Ed. :72. [Listed.]<sup>2</sup> Mellum Island<sup>18</sup>
- 1890 *Liburnia unicolor* [nec Herrich-Schäffer] Saunders and Edwards, Cat. British Hemiptera 1890: 11. [Listed.]<sup>3</sup>
- 1890 *Liburnia unicolor* [nec Herrich-Schäffer] Buckton, Mon. British Cicadae :35; Pl. XI, Fig. 5. [Described, illustrated.]<sup>3,4</sup>
- 1892 *Chloriona glaucescens* Duda, Cat. Ins. Faunae Bohemicae: 28. [Listed.]<sup>1</sup>
- 1894 *Liburnia unicolor* [nec Herrich-Schäffer] Edwards, Hemip.-Homop. British Islands Pt. 2: 44; Pl. V; Fig. 8a. [Described, illustrated.]<sup>5</sup>
- 1896 *Chloriona glaucescens* Melichar, Cicad. Mittel-Europa :64. [Described.]<sup>1</sup> :63. [Key.]
- 1897 *Chloriona glaucescens* Horváth, Fauna Regni Hungariae :56. [Listed.]<sup>12</sup>
- 1898 *Chloriona glaucescens* Edwards, Ent. Monthly Mag. 34: 60; Figs. 5, 6. [Described, illustrated.]<sup>1,5,6,7,8</sup> Equals *Chloriona unicolor* Sahlb. [nec H. S.] :59. [Key.]
- 1899 *Chloriona glaucescens* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :107. [Listed.]<sup>2,3,7,9,10</sup>
- 1899 *Chloriona glaucescens* Edwards, Trans. Nat. Soc. Norwich 6: 529. [Listed.]<sup>5</sup>
- 1904 *Chloriona glaucescens* Hüeber, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>2</sup>
- 1907 *Chloriona glaucescens* Oshanin, Verz. Palaeark. Hemip. 2 (2): 307. [Listed.]<sup>2,3,7,11,12,13</sup>  
Equals *Liburnia unicolor* Scott [nec H.-S.]
- 1907 *Liburnia glaucescens* Butler, Hemip. Hastings :56. [Listed.]<sup>6</sup>
- 1908 *Chloriona glaucescens* [sic] Saunders and Edwards, Cat. British Hemiptera 1908: 14. [Listed.]<sup>3</sup>
- 1910 [*Chloriona*] *glaucescens* Butler, Ent. Monthly Mag. 46: 14. [Comparative note.]
- 1912 *Chloriona glaucescens* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>14</sup> Equals *Chloriona unicolor* Scott. [nec H.-S.]
- 1915 *Chloriona glaucescens* Jensen-Haarup, Flora och Fauna 1915: 101. [Key.]
- 1920 *Chloriona glaucescens* Jensen-Haarup, Danmarks Fauna :36. [Described.]<sup>9,15</sup> :35. [Key.]
- 1925 *Chloriona glaucescens* Singh-Pruthi, Trans. Ent. Soc. London 1925: 229; Pl. XXXI, Fig. 267. [Genitalia, illustrated.]
- 1927 *Chloriona glaucescens* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 143. [Listed.]<sup>16</sup>
- 1930 *Chloriana* [sic] *glaucescens* Alfken, Abh. Natur. Ver. Bremen 28: 56. [Listed.]<sup>18</sup>
- 1934 *Chloriona glaucescens* Ribaut, Bull. Soc. Hist. Nat. Toulouse 66: 286 (6), 287 (7); Figs. 27-29. [Comparative notes, illustrated.]

- 1935 *Chloriona glaucescens* Haupt, Tierwelt Mitteleuropas 4 (3): 137; Figs. 225, 226B. [Key, illustrated.]  
 1935 *Chloriona glaucescens* Wagner, Verh. Ver. Naturw. Heimatforschung, 24: 6. [Listed.]<sup>2</sup>  
 1937 *Chloriona glaucescens* Kuntze, Arch. Nat. (n. f.) 6: 307, 333, 355. [Ecology.]<sup>2</sup>  
 1938 *Chloriona glaucescens* China, Ent. Monthly Mag. 74: 197. [Listed.]<sup>3</sup>

**japonica** Matsumura

- 1935 *Chloriona japonica* Matsumura, Ins. Matsumurana 9: 136. [n. sp., key.]<sup>1</sup>:137. [Comparative note.] Hokkaido<sup>1</sup> (Japan)

**longispina** Muir

- 1929 *Chloriona* (?) *longispinus* Muir, Ann. Mag. Nat. Hist. (10) 4: 206; Figs. 21, 22, 23. [n. sp., illustrated.]<sup>1</sup> Natal

**nigrifrons** Van Duzee

- 1907 *Chloriona nigrifrons* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 8: 45. [n. sp.]<sup>1</sup> Jamaica<sup>1</sup>  
 1914 *Megamelus nigrifrons* Crawford, Mon. Delphacidae :631. [Listed.]<sup>1</sup> Equals *Chloriona nigrifrons* Van Duz.

*nigrofasciata* Metcalf (var.) See *Chloriona unicolor* var. *nigrofasciata* Metcalf.

*nigromaculata* Metcalf (var.) See *Chloriona unicolor* var. *nigromaculata* Metcalf.

**oranensis** Matsumura

- 1910 *Chloriona oranensis* Matsumura, Jour. Coll. Sci. Tokyo 27: 29. [n. sp.]<sup>1</sup> Algeria<sup>1</sup>  
 1912 *Chloriona oranensis* Oshanin, Kat. Paläark, Hemip. :118. [Listed.]<sup>1</sup>

**ostorius** Kirkaldy

- 1907 *Delphax ostorius* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 153; Pl. 16, Figs. 10, 11. [n. sp., illustrated.]<sup>1</sup>:151. [Key.] :13. [Listed.] Queensland<sup>1</sup>

*prasina*. Typographical error for *Chloriona prasinula* Fieber.

**prasinula** Fieber

- 1866 *Chloriona smaragdula* [nec Stål] Fieber, Verh. Zool. Bot. Ges. Wien 16: 522. Pl. 8, Fig. 6. [Illustrated, described.] :519, 532. [Listed.] Germany<sup>1</sup> Central Europe<sup>2</sup>  
 1868 *Delphax smaragdula* [nec Stål] Kirschbaum, Cicad. Wiesbaden :22. [Described.]<sup>1</sup> France<sup>3</sup> Switzerland<sup>4</sup> Great Britain<sup>5</sup>  
 1870 *Liburnia smaragdula* [nec Stål] Scott, Ent. Monthly Mag. 7: 25. [Key.] :75. [Listed.]<sup>18</sup> Austria<sup>6</sup> Russia<sup>7</sup>  
 1872 *Chloriona prasinula* Fieber, Kat. Europäischen Cicad. :5. nom. nov. for *Chloriona smaragdula* Kirschb. [nec Stål]<sup>2</sup> Belgium<sup>8</sup> Central Asia<sup>9</sup>  
 1872 *Chloriona prasina* [sic] Fieber, Verh. Zool. Bot. Ges. Wien 22: 28. [Listed.]<sup>1,3,4</sup> Equals *Delphax smaragdula* Kirschb. [nec Stål]<sup>2</sup> England<sup>10</sup> Batavia<sup>11</sup>  
 1875 *Chloriona prasinula* Puton, Cat. Hémip. d'Europe 2 Ed. :118. [Listed.]<sup>1,3</sup> Equals *Chloriona smaragdula* Kirschb. [nec Stål]. Denmark<sup>12</sup> Netherlands<sup>13</sup>  
 1878 *Chloriona prasinula* Fieber, Cicad. d'Europe Pt. 3: 297 (28). [Described.]<sup>1,3,4</sup> Equals *Delphax smaragdula* Kirschb. [nec Stål] Turkestan<sup>14</sup> Hungary<sup>15</sup>  
 1878 *Chloriona prasinula* Reiber, Bull. Soc. Nat. Colmar 18: 67. [Listed.]<sup>3</sup> Poland<sup>16</sup> Czecho slovakia<sup>17</sup>  
 1880 *Chloriona prasinula* Rieber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 55. [Listed.]<sup>3</sup> Europe<sup>18</sup> Ireland<sup>19</sup>  
 1884 *Chloriona prasinula* Mayr, Tabellen :19. [Listed.]<sup>1,3,4,16</sup> Finland<sup>20</sup>

*Chloriona*

- 1886 *Liburnia smaragdula* [nec Stål] Edwards, Syn. British Homop.-Cicadina Pt. 1: 66. [Described.]<sup>5</sup> :58. [Key.]
- 1886 *Chloriona prasinula* Then, Kat. Österreichischen Cicad. 1886: 13. [Listed.]<sup>2,6,16</sup>
- 1886 *Chloriona prasinula* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :72. [Listed.]<sup>1,3,7</sup> Equals *Chloriona smaragdula* Kirschb. [nec Stål]
- 1890 *Liburnia smaragdula* [nec Stål] Buckton, Mon. British Cicadae :35; Pl. X; Figs. 1-4. [Described, illustrated.]
- 1891 *Chloriona prasinula* Oshanin, Mém. Sect. caucasienne Soc. russe Geogr. 23 (1) :63. [Listed.]<sup>7</sup>
- 1892 *Chloriona prasinula* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>8</sup>
- 1896 *Chloriona prasinula* Melichar, Cicad. Mittel-Europa :64; Pl. IV; Figs. 18-22. [Described, illustrated.]<sup>2,17</sup> Equals *Dêlphax prasinula* Fieb. :63. [Key.]
- 1897 *Chloriona prasinula* Horváth, Fauna Regni Hungariae :56. [Listed.]<sup>15</sup>
- 1898 *Chloriona prasinula* Dubois, Mém. Soc. Linn. Nord France 9: 234. [Listed.]<sup>3</sup>
- 1898 *Chloriona prasinula* Edwards, Ent. Monthly Mag. 34: 60; Fig. 7. [Described, illustrated.]<sup>6,9,10</sup> :59. [Key.]
- 1899 *Chloriona prasinula* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :107. [Listed.]<sup>1,3,7,14</sup> Equals *Chloriona smaragdula* Kirschb. [nec Stål]
- 1899 *Chloriona prasinula* Edwards, Trans. Nat. Soc. Norwich 6: 529. [Listed.]<sup>10</sup>
- 1900 *Chloriona prasinula* Fokker, Tijdschr. Ent. 42: 36 [Listed.]<sup>13</sup>
- 1900 *Chloriona prasinula* Strobl, Mitt. Natur. Ver. Steiermark 36: 205. [Listed.]<sup>6</sup>
- 1904 *Chloriona prasinula* Hüeber, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>1</sup> Equals *Chloriona smaragdula* Kirschb. [nec Stål]
- 1906 *Chloriona prasinula* Matsumura, Schr. Nat. Ges. Danzig 11: 76. [Listed.]<sup>1</sup> Equals *Chloriona smaragdula* Kirschb. [nec Stål]
- 1907 *Chloriona prasinula* Oshanin, Verz. Palaeark. Hemip. 2 (2) :307. [Listed.]<sup>1,3-7,11,14,15</sup> Equals *Dêlphax smaragdula* Kirschb. [nec Stål] Equals *Chloriona smaragdula* Fieb. [nec Stål]
- 1908 *Chloriona prasinula* Saunders and Edwards, Cat. British Hemiptera 1908: 14. [Listed.]<sup>9</sup>
- 1910 *Chloriona prasinula* Matsumura, Jour. Coll. Sci. Tokyo 27: 30. [Comparative note.]
- 1912 *Chloriona prasinula* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>2,14</sup> Equals *Chloriona smaragdula* Kirschb. [nec Stål]
- 1915 *Chloriona prasinula* Jacobsen, Ent. Medd. 10: 319. [Listed.]<sup>12</sup>
- 1915 *Chloriona prasinula* Jensen-Haarup, Flora och Fauna 1915: 101, Figs. 11a-d. [Described, key, illustrated.]<sup>2</sup>
- 1920 *Chloriona prasinula* Jensen-Haarup, Danmarks Fauna :37; Fig. 17. [Described, illustrated.]<sup>12,2</sup> :35. [Key.]
- 1927 *Chloriona prasinula* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 143. [Listed.]<sup>3</sup>
- 1935 *Chloriona prasinula* Halbert, Proc. R. Irish Acad. 42 (Sect. B) :310. [Listed.]<sup>19</sup>
- 1935 *Chloriona prasinula* Matsumura, Ins. Matsumurana 9: 136, 137. [Comparative note.]
- 1935 *Chloriona prasinula* Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 6. [Listed.]<sup>1</sup>
- 1935 *Chloriona prasinula* Haupt, Tierwelt Mitteleuropas 4 (3): 137; Fig. 226C. [Key, illustrated.]
- 1937 *Chloriona prasinula* Kuntze, Arch. Nat. (n. f.) 6: 333, 355. [Ecology.]<sup>1</sup>
- 1938 *Chloriona prasinula* China, Ent. Monthly Mag. 74: 197. [Listed.]<sup>5</sup>
- 1939 [*Chloriona*] *prasinula* Lindberg, Acta Zool. Fennica 22: 17, 20. [Ecology.]<sup>20</sup>

*sachalinensis* Matsumura

- 1935 *Chloriona sachalinensis* Matsumura, Ins. Matsumurana 9: 137. Sakhalin<sup>1</sup>  
[n. sp.]<sup>1</sup> :136. [Key.]

*shikokuana* Matsumura

- 1935 *Chloriona shikokuana* Matsumura, Ins. Matsumurana 9: 137. Honshu<sup>1</sup>  
[n. sp.]<sup>1,2</sup> :136. [Key.] (Japan)  
Shikoku<sup>2</sup>  
(Japan)

**sicula** Matsumura

- 1910 *Chloriona sicula* Matsumura, Jour. Coll. Sci. Tokyo **27**: 30. Sicily<sup>1</sup>  
[n. sp.]<sup>1</sup>  
1912 *Chloriona sicula* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>1</sup>  
1924 *Chloriona sicula* Haupt, Mem. Soc. Ent. Italiana **3**: 229. [Listed.]<sup>1</sup>

**slossoni** Ball

- 1903 *Liburnia slossoni* Ball, Canadian Ent. **35**: 231. [n. sp.]<sup>1</sup> Florida<sup>1</sup>  
1904 *Liburnia slossoni* Swezey, Prelim. Cat. Fulgoridae North America Southern States<sup>2</sup>  
**1904**: 42. [Listed.]<sup>1</sup> Georgia<sup>3</sup>  
1909 *Liburnia slossoni* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **9**: 201. Cuba<sup>4</sup>  
[Notes.]<sup>1</sup> Bermuda<sup>5</sup>  
1914 *Megamelus slossoni* Crawford, Mon. Delphacidae :631. [Notes.]<sup>1</sup>  
Equals *Liburnia slossoni* Ball.  
1914 *Liburnia slossoni* Barber, Bull. American Mus. Nat. Hist. **33**: 529. [Listed.]<sup>1</sup>  
1916 *Liburnia slossoni* Van Duzee, Check List Hemip. America: 84. [Listed.]<sup>2</sup>  
1917 *Liburnia slossoni* Van Duzee, Cat. Hemip. America :774. [Listed.]<sup>1,3</sup>  
1920 *Liburnia slossoni* Spooner, Ent. News **31**: 46. [Ecology.]<sup>3</sup>  
1921 *Liburnia slossoni* Osborn, Florida Ent. **5**: 18. [Listed.]<sup>1</sup>  
1923 *Liburnia slossoni* Metcalf, Jour. Elisha Mitchell Soc. **38**: 172; Pl. 46, Fig. 112; Pl. 61,  
Fig. 455; Pl. 70, Fig. 689. [Key, illustrated.] :148. Equals *Stenocranus breviceps* Doz.  
[error.]  
1924 *Chloriona slossoni* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 8. [Listed.]<sup>1</sup>  
Equals *Liburnia slossoni* Ball.  
1926 *Chloriona slossoni* Osborn, Ann. Ent. Soc. America **19**: 359. [Notes.]<sup>4</sup>  
1926 *Chlorina slossoni* Osborn, Sci. Contr. Trop. Pl. Res. Found. **2**: 359. [Listed.]<sup>4</sup>  
1928 *Liburnia slossoni* Ogilvie, Insects of Bermuda **1928**: 20. [Listed.]<sup>6</sup>

**smaragdula** Stål

- 1853 *Delphax smaragdula* Stål, Öfv. Svenska. Vet. Akad. Förh. **10**: 174. Sweden<sup>1</sup>  
[n. sp.]<sup>1</sup> Finland<sup>2</sup>  
1854 *Delphax smaragdula* Stål, Öfv. Svenska Vet. Akad. Förh. **11**: 190. Germany<sup>8</sup>  
[Described.]<sup>1</sup> France<sup>4</sup>  
1859 *Delphax smaragdula* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup> Scandinavia<sup>5</sup>  
1867 *Chloriona smaragdula* Dallas, Zool. Rec. **3**: 560. Equals *Delphax* Great Britain<sup>9</sup>  
*smaragdula* Stål. Austria<sup>7</sup>  
1866 *Liburnia smaragdulae* [sic] Stål, Hemip. Africana **4**: 180. [Com- England<sup>8</sup>  
parative note.] Syria<sup>9</sup>  
1868 *Delphax smaragdula* Sahlberg, Not. Fennica (n. s.) **9** (9): 186, 216. Belgium<sup>10</sup>  
[Notes.]<sup>2</sup> Poland<sup>11</sup>  
1871 *Chloriona smaragdula* Sahlberg, Not. Fennica (n. s.) **9** (12) :407. Tunisia<sup>12</sup>  
[Described.]<sup>1</sup> Equals *Delphax smaragdula* Stål. :56. [Listed.]<sup>1</sup> :28, Russia<sup>13</sup>  
31, 39. [Ecology.] Central Europe<sup>14</sup>  
1872 *Chloriona smaragdula* Fieber, Kat. Europäischen Cicad. :5. Denmark<sup>15</sup>  
[Listed.]<sup>1,2</sup> Netherland<sup>16</sup>  
1874 *Delphax smaragdula* Raddatz, Arch. Ver. Freunde Naturg. Meck- Russia<sup>17</sup>  
lenburg **20**: 82. [Listed.]<sup>3</sup> Czechoslovakia<sup>18</sup>  
1874 *Chloriona smaragdula* Lethierry, Cat. Hémip. Dept. du Nord. Batavia<sup>19</sup>  
Second Ed. :257. (53). [Listed.]<sup>4</sup>  
1875 *Chloriona smaragdula* Puton, Cat. Hemip. d'Europe 2 Ed. :118. [Listed.]<sup>4,5,6</sup>  
1876 *Liburnia smaragdula* Douglas and Scott, Cat. British Hemip. :67. [Listed.]<sup>6</sup> Equals  
*Delphax smaragdula* Stål  
1878 *Chloriona smaragdula* Fieber, Cicad. d'Europe Pt. **3**: 295 (26). [Described.]<sup>1</sup> Equals  
*Delphax smaragdula* Stål.  
1884 *Chloriona smaragdula* Lomnicki, Spraw. Kom. Fizyjn. **18**: 232. [Listed.]<sup>11</sup>



*Chloriona*

- 1886 *Chloriona smaragdula* Then, Kat. Österreichischen Cicad. 1886: 13. [Listed.]<sup>11</sup>  
 1886 *Chloriona smaragdula* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :72. [Listed.]<sup>3,4,5,6,7</sup>  
 1886 *Liburnia smaragdula* Edwards, Syn. British Homop.-Cicadina Pt. 1: 66. Equals *Delphax smaragdula* Stål. Equals *Chloriona smaragdula* Fieb.  
 1888 *Chloriona smaragdula* Dubois, Mém. Soc. Linn. Nord France 7: 155 (59). [Listed.]<sup>4</sup>  
 1889 *Liburnia smaragdula* Edwards, Trans. Nat. Soc. Norwich 4: 705. [Listed.]<sup>8</sup>  
 1890 *Liburnia smaragdula* Buckton, Mon. British Cicadae 2: 34; Equals *Delphax smaragdula* Stål. Equals *Chloriona smaragdula* Fieb.  
 1890 *Liburnia smaragdula* Saunders and Edwards, Cat. British Hemiptera 1890: 11. [Listed.]<sup>6</sup>  
 1890 *Liburnia smaragdula* Buckton, Mon. British Cicadae 3: 65, 66. [Synopsis.] :76. [Comparative note.]  
 1891 *Chloriona smaragdula* Fokker, Cat. Nederland Hemip. :366. [Listed.]<sup>16</sup>  
 1892 *Chloriona smaragdula* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1) [Listed.]<sup>10</sup>  
 1894 *Liburnia smaragdula* Edwards, Hemip.-Homop. British Islands Pt. 2: 44; Pl. 5, Figs. 7, 8. [Described, illustrated.]<sup>6</sup>  
 1894 *Liburnia (Chloriona) smaragdula* Edwards, Hemip.-Homop. British Islands Pt. 2: 33. [Key.]  
 1896 *Chloriona smaragdula* Melichar, Cicad. Mittel-Europa :63. [Described. Key.]<sup>18</sup> Equals *Liburnia smaragdula* Stål  
 1898 *Chloriona smaragdula* Edwards, Ent. Monthly Mag. 34: 60; Fig. 1. [Described, illustrated.]<sup>7,8</sup> :59. [Key.]  
 1899 *Chloriona smaragdula* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :107. [Listed.]<sup>2,3,4,5,6,7</sup>  
 1899 *Chloriona smaragdula* Edwards, Trans. Nat. Soc. Norwich 6: 530. [Listed.]<sup>8</sup>  
 1899 *Chloriona smaragdula* Melichar, Wien. Ent. Zeit. 18: 180. [Listed.]<sup>12</sup>  
 1904 *Chloriona smaragdula* Hüeber, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>3</sup>  
 1906 *Chloriona smaragdula* Matsumura, Schr. Nat. Ges. Danzig 11: 76. [Listed.]<sup>3</sup>  
 1907 *Chloriona smaragdula* Oshanin, Verz. Palaeark. Hemip. 2 (2): 306. [Listed.]<sup>1,3,4,6,7,12,13</sup> Equals *Delphax smaragdula* Stål. Equals *Liburnia smaragdula* Scott.  
 1908 *Chloriona smaragdula* Oshanin, Verz. Palaeark. Hemip. 2 (3): 452. [Listed.]<sup>10,19</sup>  
 1908 *Chloriona smaragdula* Saunders and Edwards, Cat. British Hemiptera 1908: 14. [Listed.]<sup>9</sup>  
 1912 *Chloriona smaragdula* Schmidt, Stett. Ent. Zeit. 73: 149. [Notes.]<sup>3</sup>  
 1912 *Chloriona smaragdula* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>12,14</sup>  
 1915 *Chloriona smaragdula* Jensen-Haarup, Flora och Fauna 1915: 101. [Described, key.]<sup>1,18</sup>  
 1920 *Chloriona smaragdula* Jensen-Haarup, Danmarks Fauna :35. [Key.]  
 1920 *Chloriona smaragdula* Tullgren and Wahlgren, Svenska Insekter 1920: 152. [Notes.]<sup>1</sup>  
 1924 [*Liburnia*] *smaragdula* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 19. [Listed.]  
 1928 *Chloriona smaragdula* Ivanov, Mém. Acad. Sci. Urkaine 6: 197. [Listed.]<sup>17</sup>  
 1928 *Chloriona smaragdula* Ivanov, Trav. Mus. Zool. 1928: 501. [Listed.]<sup>17</sup>  
 1935 *Chloriona smaragdula* Haupt, Tierwelt Mitteleuropas 4 (3): 137; Fig. 226D. [Key, illustrated.]  
 1937 *Chloriona smaragdula* Kuntze, Arch. Nat. (n. f.) 6: 355. [Ecology.]<sup>3</sup>  
 1939 *Chloriona smaragdula* Lindberg, Acta Zool. Fennica 22: 85-155; Figs. 50b-e, 52. [Parasites, effects of parasitism, illustrated.] :64-67; Figs. 32-33. [Morphology, illustrated.]<sup>2</sup> :20. [Listed.]<sup>2</sup>

*smaragdula* Kirschbaum [nec Stål]. See *Chloriona prasinula* Fieber.

*smaragdula* Fieber [nec Stål]. See *Chloriona prasinula* Fieber.

**snelli** Muir

- 1929 *Chloriona snelli* Muir, Ann. Mag. Nat. Hist. (10) 4: 204; Fig. 17. Zanzibar<sup>1</sup> [n. sp., illustrated.] [Through typographical error this illustration was labelled *Kelisia snelli*.]

**stenoptera** Flor

- 1861 *Delphax stenoptera* Flor, Rhynch. Livlands 2: 40. [n. sp.]<sup>1</sup> :32. Estonia<sup>1</sup>  
[Key.] Europe<sup>2</sup>
- 1866 *Chloriona stenoptera* Fieber, Verh. Zool. Bot. Ges. Wien 16: 523;  
Pl. 8, Fig. 6. [Described, illustrated.] :519, 532. [Listed.]
- 1867 *Chloriona stenoptera* Dallas, Zool. Rec. 3: 560. Equals *Delphax stenoptera* Flor.
- 1870 *Liburnia stenoptera* Scott, Ent. Monthly Mag. 7: 75. [Listed.]<sup>2</sup>
- 1872 *Chloriona stenoptera* Fieber, Kat. Europäischen Cicad. :5. [Listed.]<sup>1</sup>
- 1875 *Chloriona stenoptera* Puton, Cat. Hémipt. d'Europe 2 Ed. :118. [Listed.]<sup>1</sup>
- 1878 *Chloriona stenoptera* Fieber, Cicad. d'Europe Pt. 3: 298 (29). [Described.]<sup>1</sup> Equals  
*Delphax stenoptera* Flor.
- 1886 *Chloriona stenoptera* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :72. [Listed.]<sup>1</sup>
- 1898 *Chloriona stenoptera* Edwards, Ent. Monthly Mag. 34: 62. [Notes.]<sup>1</sup> Equals *Delphax*  
*stenoptera* Flor.
- 1899 *Chloriona stenoptera* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :107. [Listed.]<sup>1</sup>
- 1907 *Chloriona stenoptera* Oshanin, Verz. Palaeark. Hemipt. 2 (2): 307. [Listed.]<sup>1</sup> Equals  
*Delphax stenoptera* Flor.
- 1912 *Chloriona stenoptera* Oshanin, Kat. Paläark. Hemipt. :118. [Listed.]<sup>1</sup>
- 1915 *Chloriona stenoptera* Jensen-Haarup, Kobenhavn Flora og Fauna 1915: 101 [Listed.]
- 1934 *Chloriona stenoptera* Ribaut, Bull. Soc. Hist. Nat. Toulouse 66: 288 (8). [Comparative  
note.]

**sukumonis** Matsumura

- 1935 *Chloriona sukumonis* Matsumura, Ins. Matsumurana 9: 138. Shikoku<sup>1</sup>  
[n. sp.]<sup>1</sup> :136. [Key.] (Japan)

**tateyamana** Matsumura

- 1935 *Chloriona tateyamana* Matsumura, Ins. Matsumurana 9: 138. Honshu<sup>1</sup>  
[n. sp.]<sup>1</sup> :136. [Key.] (Japan)

**thyestes** Kirkaldy

- 1907 *Delphax thyestes* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: Queensland<sup>1</sup>  
152; Pl. 10, Figs. 12, 13. [n. sp., illustrated.]<sup>1</sup> :151. [Key.] :13.  
[Listed.] :153; 154. [Comparative note.]

**tosaensis** Matsumura

- 1935 *Chloriona tosaensis* Matsumura, Ins. Matsumurana 9: 137. [n. sp.]<sup>1</sup> Shikoku<sup>1</sup>  
:136. [Key.] :136, 137, 138. [Comparative note.] (Japan)

**turneri** Muir

- 1929 *Chloriona turneri* Muir, Ann. Mag. Nat. Hist. (10) 4: 204; Fig. 18, Cape Province<sup>1</sup>  
19, 20. [n. sp., illustrated.]<sup>1,2</sup> Natal<sup>2</sup>

**unicolor** Herrich-Schäffer

- 1835 *Delphax unicolor* Herrich-Schäffer, Nom. Ent. 1: 66. [n. sp., key.] Sardinia<sup>1</sup>  
:107. [Listed.] Germany<sup>2</sup>
- 1836 *Delphax unicolor* Herrich-Schäffer, Deutschlands Ins. 143: 20. Europe<sup>3</sup>  
[Described, illustrated.] Finland<sup>4</sup>
- 1839 *Delphax unicolor* Spinola, Ann. Soc. Ent. France 8: 333. [De- Sweden<sup>5</sup>  
scribed.]<sup>1</sup> Norway<sup>6</sup>
- 1840 *Delphax unicolor* Herrich-Schäffer, Fauna Ratisbonensis 3 (2): Scandinavia<sup>7</sup>  
384. [Listed.]<sup>2</sup> Great Britain<sup>8</sup>
- 1850 *Delphax unicolor* Schaum, Allg. Encykl. Ersch und Gruber 51: 69. France<sup>9</sup>  
[Listed.]<sup>2</sup> Switzerland<sup>10</sup>

*Chloriona*

- 1851 *Delphax unicolor* Walker, List Homop. British Mus. 2: 351, 352. Austria<sup>11</sup>  
[Listed.]<sup>3</sup> Italy<sup>12</sup>
- 1859 *Delphax unicolor* Dohrn, Cat. Hemip. :61. [Listed.]<sup>3</sup> England<sup>13</sup>
- 1861 *Delphax unicolor* Flor, Arch Nat. Kurlands (2) 4: 42. [Note.] Hungary<sup>14</sup>  
Equals [*Delphax*] *phragmitis* Germ. [nom. nud.] Central Asia<sup>15</sup>
- 1866 *Chloriona unicolor* Fieber, Verh. Zool. Bot. Ges. Wien 16: 522; Pl. Persia<sup>16</sup>  
VIII, Fig. 5. [Described, illustrated.] :519, 532. [Listed.] Equals Yugoslavia<sup>17</sup>  
*Delphax unicolor* H.-S. Turkestan<sup>18</sup>
- 1867 *Chloriona unicolor* Dallas, Zool. Rec. 3: 560. Equals *Delphax uni-* Romania<sup>19</sup>  
*color* H.-Sch. Russia<sup>20</sup>
- 1868 *Delphax smaragdula* Sahlberg, Finlands Insekt-arter :186. Denmark<sup>21</sup>
- 1871 *Chloriona unicolor* Sahlberg, Not. Fennica (n. s.) 9: (12): 406.  
[Described.]<sup>4,5</sup> Equals *Delphax unicolor* H.-S. Equals *Delphax smaragdula* Sahlb.  
[nec Stål] :56. [Listed.]<sup>4,5</sup> :489. [Listed.] :28, 39. [Ecology.]
- 1872 *Chloriona unicolor* Fieber, Kat. Europäischen Cicad. :5. [Listed.]<sup>2</sup>
- 1874 *Chloriona unicolor* Siebke, Enumeratio Insectorum Norvegicorum :39. [Listed.]<sup>5</sup>
- 1875 *Chloriona unicolor* Puton, Cat. Hemip. d'Europe 2 Ed. :118. [Listed.]<sup>2,7,8,9</sup>
- 1876 *Liburnia unicolor* Douglas and Scott, Cat. British Hemip. :67. [Listed.]<sup>8</sup> Equals  
*Delphax unicolor* H.-S. Equals *Chloriona unicolor* Fieb.
- 1878 *Chloriona unicolor* Fieber, Cicad. d'Europe Pt. 3: 296 (27). [Described.]<sup>2,10</sup> Equals  
*Delphax unicolor* H.-S.
- 1880 *Chloriona unicolor* Reuter, Medd. Soc. Fauna Fl. Fennica 5: 196. [Listed.]<sup>4</sup>
- 1884 *Chloriona unicolor* Mayr, Tabellen :19. [Listed.]<sup>2,10</sup>
- 1886 *Chloriona unicolore* [sic] Sahlberg, Not. Fennica (n. s.) 9 (9): 187. [Listed.]
- 1886 *Chloriona unicolor* Then, Kat. Österreichischen Cicad. 1886: 13. [Listed.]<sup>11</sup>
- 1886 *Chloriona unicolor* Puton, Cat. Hémp. Faune Paléarctique 3 Ed. :72. [Listed.]<sup>2,7,8,9,11</sup>
- 1886 *Liburnia unicolor* Edwards, Syn. British Homop.-Cicadina Pt. 1: 67. Equals *Delphax*  
*unicolor* H.-S. Equals *Chloriona unicolor* Fieb.
- 1888 *Chloriona unicolor* Costa, Atti. Acc. Sci. Napoli (2) 1 (9): 39 [Listed.]<sup>1</sup>
- 1889 *Liburnia unicolor* Edwards, Trans. Nat. Soc. Norwich 4: 705. [Listed.]<sup>13</sup>
- 1890 *Liburnia unicolor* Buckton, Mon. British Cicadae 3: 65. [Synopsis.] :75. 76. [Com-  
parative note.]
- 1890 *Chloriona unicolor* Funk, Ber. Nat. Ges. Bamberg 15: 140. [Listed.]<sup>2</sup>
- 1890 *Liburnia unicolor* Buckton, Mon. British Cicadae 2: 35. Equals *Delphax unicolor*  
H.-S. Equals *Chloriona unicolor* Fieb. :57. [Comparative note.]
- 1893 *Chloriona unicolor* Bezzi, Bull. Soc. Ent. Italiana 25: 108 (28). [Listed.]<sup>12</sup>
- 1894 *Chloriona unicolor* Edwards, Hemip.-Homop. British Islands Pt. 2: 44; Pl. 5, Fig. 8a.  
[Described, illustrated.]<sup>8</sup>
- 1894 *Liburnia (Chloriona) unicolor* Edwards, Hemip.-Homop. British Islands Pt. 2: 33.  
[Key.]
- 1895 *Chloriona unicolor* Wüstnei, Schr. Nat. Ver. Schleswig-Holsteins. 10: 268. [Listed.]<sup>2</sup>
- 1896 *Chloriona unicolor* Melichar, Cicad. Mittel-Europa :64. [Described.]<sup>11</sup> Equals *Del-*  
*phax unicolor* H.-S. Equals *Liburnia unicolor* H.-S. :63. [Key.]
- 1897 *Chloriona unicolor* Horváth, Fauna Regni Hungariae :56. [Listed.]<sup>14</sup>
- 1898 *Chloriona unicolor* Edwards, Ent. Monthly Mag. 34: 61; Fig. 4. [Described, illus-  
trated.]<sup>11,15</sup> :59. [Key.]
- 1899 *Chloriona unicolor* Puton, Cat. Hémp. Faune Paléarctique 4 Ed. :107.  
[Listed.]<sup>2,4,7,8,11</sup>
- 1902 *Chloriona unicolor* Melichar, Ann. Mus. Zool. St. Petersburg 7: 89 (14). [Listed.]<sup>16</sup>
- 1902 *Chloriona unicolor* Cobelli, Cicadine Trentino :9. [Listed.]<sup>12</sup>
- 1903 *Chloriona unicolor* Horváth, Ann. Mus. Nat. Hungarici 1: 27. [Listed.]<sup>17</sup>
- 1903 *Chloriona unicolor* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 61 (21).  
[Listed.]<sup>12</sup>
- 1904 *Chloriona unicolor* Horváth, Ann. Mus. Nat. Hungarici 2: 579. [Listed.]<sup>18</sup>
- 1904 *Chloriona unicolor* Hüeber, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>2</sup>
- 1906 *Chloriona unicolor* Matsumura, Schr. Nat. Ges. Danzig 11: 76. [Listed.]<sup>2</sup>
- 1907 *Chloriona unicolor* Oshanin, Verz. Palaeark. Hemip. 2 (2): 306.  
[Listed.]<sup>2,4,5,9,10,11,14,16,18,19,20</sup> Equals *Delphax unicolor* H.-S.

- 1907 *Chloriona unicolor* Oshanin, Cat. Homop. St. Pétersbourg 1907: 245 (33). [Listed.]<sup>20</sup>  
 1910 *Chloriona unicolor* Matsumura, Jour. Coll. Sci. Tokyo 27: 29. [Comparative note.]  
 1912 *Chloriona unicolor* Oshanin, Kat. Paläark. Hemip. :118. [Listed.]<sup>3,16,18</sup>  
 1913 *Chloriona unicolor* Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]<sup>11</sup>  
 1915 *Chloriona unicolor* Jacobsen, Ent. Medd. 10: 319. [Listed.]<sup>21</sup>  
 1915 *Chloriona unicolor* Jensen-Haarup, Flora och Fauna 1915: 101. [Key.]  
 1917 *Chloriona unicolor* Jensen-Haarup, Ent. Medd. 11: 4. [Comparative note.]  
 1920 *Chloriona unicolor* Jensen-Haarup, Danmarks Fauna :36. [Described.]<sup>3,21</sup> :35. [Key.]  
 1920 *Chloriona unicolor* Tullgren and Wahlgren, Svenska Insekter 1920: 152. [Notes.]<sup>5</sup>  
 1924 *Chloriona unicolor* Lindberg, Acta Soc. Fauna Flora Fennica 56: 46. [Listed.]<sup>4</sup>  
 1928 *Chloriona unicolor* Filipieff, Guide to Insects :159. [Described.]  
 1931 *Delphax unicolor* Sherborn, Index Animalium 27: 6745. [Listed.]  
 1932 *Chloriona unicolor* Lindberg, Not. Ent. 12: 38. [Listed.]  
 1934 *Chloriona unicolor* Ossiannilsson, Ent. Tidskr. 55: 138. [Listed.]<sup>6</sup>  
 1935 *Chloriona unicolor* Haupt, Tierwelt Mitteleuropas 4 (3): 137; Fig. 226E. [Key, illustrated.]  
 1939 *Chloriona unicolor* Lindberg, Acta Zool. Fennica 22: 64–67. [Comparative note.] :17–20. [Ecology.]<sup>4</sup> :21–63; Figs. 1–31. [Life history, morphology, illustrated.]<sup>4</sup> :81–155; Figs. 50a, 51, 53. [Parasites, illustrated.]

**unicolor** var. *alba* nom. nov. for *Chloriona unicolor* var. *b* Sahlberg

- 1871 *Chloriona unicolor* var. *b* Sahlberg, Not. Fennica (n. s.) 9 (12): Finland<sup>1</sup> 406. [n. var.]<sup>1</sup>

*unicolor* var. *b* Sahlberg. See *Chloriona unicolor* var. *alba* Metcalf.

*unicolor* var. *c* Sahlberg. See *Chloriona unicolor* var. *nigromaculata* Metcalf.

*unicolor* var. *d* Metcalf. See *Chloriona unicolor* var. *nigrofasciata* Metcalf.

**unicolor** var. *dorsalis* nom. nov. for *Chloriona unicolor* var. *e* Sahlberg

- 1871 *Chloriona unicolor* var. *e* Sahlberg, Not. Fennica (n. s.) 9 (12): 406. Finland<sup>1</sup> [n. var.]<sup>1</sup>

*unicolor* var. *e* Sahlberg. See *Chloriona unicolor* var. *dorsalis* Metcalf.

*unicolor* var. *f* Sahlberg. See *Chloriona unicolor* var. *flava* Metcalf.

**unicolor** var. *flava* nom. nov. for *Chloriona unicolor* var. *f* Sahlberg

- 1871 *Chloriona unicolor* var. *f* Sahlberg, Not. Fennica (n. s.) 9 (12): 407. Finland<sup>1</sup> [n. var.]<sup>1</sup>

**unicolor** var. *nigrofasciata* nom. nov. for *Chloriona unicolor* var. *d* Sahlberg

- 1871 *Chloriona unicolor* var. *d* Sahlberg, Not. Fennica (n. s.) 9 (12): Finland<sup>1</sup> 406. [n. var.]<sup>1</sup>

**unicolor** var. *nigromaculata* nom. nov. for *Chloriona unicolor* var. *c* Sahlberg

- 1871 *Chloriona unicolor* var. *c* Sahlberg, Not. Fennica (n. s.) 9 (12): 406. Finland<sup>1</sup> [n. var.]<sup>1</sup>

*unicolor* Scott [nec Herrich-Schäffer]. See *Chloriona glaucescens* Fieber.

**vasconica** Ribaut

- 1934 *Chloriona vasconica* Ribaut, Bull. Soc. Hist. Nat. Toulouse 66: France<sup>1</sup> 286 (6); Figs. 18–26. [n. sp., illustrated.]<sup>1</sup> Germany<sup>2</sup>  
 1935 *Chloriona vasconica* Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 6. [Listed.]<sup>2</sup>



## Genus ASIRACINA Melichar

Orthotype *Asiracina punctovenosa* [n. sp.] 1912 Melichar, Deutschen Zentral-Afrika-Exp. 1910-1911: 132.

- Asiracina 1912 Melichar, Deutschen Zentral-Afrika-Exp. 1910-1911 :132. [gen. n.]  
 1926 Muir, Ann. Mag. Nat. Hist. (9) 17: 28. To *Phyllostinus* (?) Van Duz. [error.]  
 1926 Schulze, Kükenthal and Heider, Nomenclator animalium 1 (2): 295. [Listed.]  
 1939 Neave, Nomenclator Zoologicus 1: 318. [Listed.]

*punctovenosa* Melichar

- 1912 *Asiracina punctovenosa* Melichar, Deutschen Zentral-Afrika-Exp. Belgian Congo<sup>1</sup> 1910-1911: 133; Pl. 2, Fig. 11. [n. sp., illustrated.]<sup>1</sup>  
 1929 *Phyllostinus punctovenosa* Muir, Ann. Mag. Nat. Hist. (10) 4: 195. [Note.]<sup>1</sup> Equals *Asiracina punctovenosa* Mel

## Genus METROPIS Fieber

- Logotype *Metropis mayri* 1912 Oshanin, Kat. Paläark. Hemip. :120.  
 Type *Metropis mayri* 1915 Muir, Canadian Ent. 47: 265.  
 Type *Metropis magri* [sic] 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 210.  
 Type *Metropis mayri* 1931 Haupt, Mitt. Deutschen Ent. Ges. 2: 156.  
 Type *Metropis mayri* 1935 Haupt, Tierwelt Mitteleuropas 4 (3): 130.

[*Atropis* Kirschbaum]

[Haplotype *Atropis latifrons* [n. sp.] 1868 Kirschbaum, Cicad. Wiesbaden :18.]

[Type *Atropis latifrons* 1915 Muir, Canadian Ent. 47: 261.]

- Metropis 1866 Fieber, Verh. Zool. Bot. Ges. Wien 16: 529. [gen. n.] :521. [Key.] :532. [Listed.]  
 1867 Dallas, Zool. Rec. 3: 561. [Key.]  
 1868 Kirschbaum, Cicad. Wiesbaden :10. [Comparative note.]  
*Atropis* 1868 Kirschbaum, Cicad. Wiesbaden :10. [gen. n. key.] :18. [Listed.]  
 1871 Sahlberg, Not. Fennica (n. s.) 9 (12): 483. [Described.] :75. [Key.] :58. [Listed.]  
 Metropis 1872 Fieber, Kat. Europäischen Cicad. :6. [Listed.] Equals *Atropis* Kirschb.  
 1873 Marschall, Nomenclator Zoologicus 1873: 372. [Listed.]  
 1875 Fieber, Cicad d'Europe Pt. 1: 378 (91). [Key.]  
 1875 Puton, Cat. Hémipt. d'Europe 2 Ed. :122. [Listed.] Equals *Atropis* Kirschb.  
*Atropis* 1875 Reuter, Ann. Soc. Ent. France (5) 5: 233. [Polymorphism.]  
 Metropis 1876 Fieber, Cicad. d'Europe Pt. 2: Pl. 8. [Illustrated.]  
 1879 Fieber, Cicad. d'Europe Pt. 4: 143 (79). [Key to species.]  
 1880 Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 56. [Listed.]  
 1881 Mayr, Ber. Natur.-Med. Ver. Innsbruck 10: 87 (11). [Listed.]  
 1882 Scudder, Nomenclator Zoologicus. Univ. Index :195. [Listed.]  
 1884 Mayr, Tabellen :22. [Key.] Equals *Atropis* Kirschb.  
 1886 Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :74. [Listed.] Equals *Atropis* Kirschb.  
 1886 Then, Kat. Österreichischen Cicad. 1886: 16. [Listed.]  
 1889 Ashmead, Ent. Amer. 5: 27. [Key.]  
 1892 Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]  
 1896 Melichar, Cicad. Mittel-Europa :95. [Described, key to species.] :51. [Key.]

- 1897 Horváth, Fauna Regni Hungariae :57. [Listed.]  
 1899 Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :109. [Listed.] Equals  
*Atropis* Kirschb.  
 1901 Horváth, Zool. Erg. Zichy :256. [Listed.]  
*Atropis* 1902 Waterhouse, Index Zool. :38. [Listed.]  
 Metropis 1902 Cobelli, Cicadine Trentino :10. [Listed.]  
 1902 Matsumura, Allg. Zeits. Ent. 7: 45. [Described.]  
 1904 Hüeber, Syst. Verz. deutschen Zikadinen :270. [Listed.] Equals *Atropis*  
 Kirschb.  
 1906 Matsumura, Schr. Nat. Ges. Danzig 11: 76. [Listed.] Equals *Atropis*  
 Kirschb.  
 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 124. [Morphology.]  
 1907 Oshinin, Verz. Palaeark. Hemipt. 2 (2): 331. [Listed.] Equals *Atropis*  
 Kirschb.  
 1910 Lambertie, Misc. Ent. 18: 93. [Listed.] Equals *Atropis* Kirschb.  
 1912 Oshinin, Kat. Paläark. Hemipt. :120. [Listed.] Equals *Atropis* Kirschb.  
 1913 Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]  
 1915 Muir, Canadian Ent. 47: 265. [Listed.] Equals *Atropis* Kirschb. :298.  
 [Key.] :212. [Listed.]  
*Atropis* 1915 Muir, Canadian Ent. 47: 261. To *Metropis* Fieb.  
 Metropis 1924 Lindberg, Acta. Soc. Fauna Flora Fennica 56: 46 [Listed.] Equals *Atropis*  
 Kirschb.  
*Atropis* 1926 Schulze, Kükenthal and Heider, Nomenclator animalium 1 (3): 328.  
 [Listed.]  
 Metropis 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 210. [Key.]  
 1931 Haupt, Mitt. Deutschen Ent. Ges. 2: 153. [Notes, key to species.]  
 1931 Schulze, Kükenthal and Heider, Nomenclator animalium 3 (15): 2070  
 [Listed.]  
 1932 Enderlein, Fauna von Deutschland 1932: 193. [Key.]  
 1935 Haupt, Tierwelt Mitteleuropas 4 (3): 130. [Key.] :135. [Key to species.]  
*Atropis* 1939 Neave, Nomenclator Zoologicus 1: 352. [Listed.]  
 Metropis 1940 Neave, Nomenclator zoologicus 3: 142. [Listed.]

**albipennis** Kusnezov

- 1929 *Metropis albipennis* [sic] Kusnezov, Wien. Ent. Zeit. 46: 168. Turkestan<sup>1</sup>  
 [n. sp.]<sup>1</sup>

*albipennis*. Typographical error for *Metropis albipennis* Kusnezov.

**divergens** Paganetti-Hummler

- 1907 *Metropis divergens* Paganetti-Hummler, Zeits. Wiss. Insektenbiol. Greece<sup>1</sup>  
 3: 95. [Listed.]<sup>1</sup> [nom. nud.]

**flavipes** Signoret

- 1865 *Delphax flavipes* Signoret, Ann. Soc. Ent. France (4) 5: 129. France<sup>1</sup>  
 [n. sp.]<sup>1</sup> Italy<sup>2</sup>  
 1866 *Metropis maurus* Fieber, Verh. Zool. Bot. Ges. Wien 16: 530; Pl. Austria<sup>3</sup>  
 8, Fig. 15. [n. sp., illustrated.]<sup>1</sup> :521, 532. [Listed.] Germany<sup>4</sup>  
 1867 *Delphax flavipes* Dallas, Zool. Rec. 3: 560. To *Dicranotropis* Hungary<sup>5</sup>  
*flavipes* Fieb. [nec Sign.] [error.] Russia<sup>6</sup>  
 1868 *Atropis latifrons* Kirschbaum, Cicad. Wiesbaden :18. [n. sp.]<sup>4</sup> Siberia<sup>7</sup>  
 1871 *Atropis latifrons* Sahlberg, Not. Fennica (n. s.) 9 (12): 485. [Com- Morocco<sup>8</sup>  
 parative note.] Spain<sup>9</sup>  
 1872 *Metropis latifrons* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>4</sup> Central Europe<sup>10</sup>  
 1872 *Metropis maura* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>2</sup> Algeria<sup>11</sup>

*Metropis*

- 1872 *Metropis latifrons* Fieber, Verh. Zool. Bot. Ges. Wien 22: 28. Czechoslovakia<sup>12</sup>  
Equals *Atropis latifrons* Kirschb.
- 1875 *Metropis latifrons* Puton, Cat. Hémip. d'Europe 2 Ed. :122. [Listed.]<sup>4</sup>
- 1875 *Metropis flavipes* Puton, Cat. Hémip. d'Europe 2 Ed. :122. [Listed.]<sup>1,2</sup> Equals  
*Metropis maura* Fieb.
- 1879 *Metropis maura* Fieber, Cicad. d'Europe Pt. 4: 146 (82). [Key.]<sup>2</sup>
- 1879 *Delphax flavipes* Fieber, Cicad. d'Europe Pt. 4: 149 (85). To *Dicranotropis flavipes*  
Fieb. [nec Sign.] [error.]
- 1879 *Metropis latifrons* Fieber, Cicad. d'Europe Pt. 4: 144 (80). [Key.]<sup>4</sup>
- 1881 *Metropis maura* Mayr, Ber. Natur.-Med. Ver. Innsbruck 10: 87. (11). [Listed.]<sup>3</sup>
- 1882 *Delphax flavipes* Ferrari, Cicad. Agri Linguistici :93 (21). To *Dicranotropis flavipes*  
Fieb. [nec Sign.] [error.]
- 1884 *Metropis maura* Mayr, Tabellen :22. [Listed.]<sup>3</sup>
- 1884 *Metropis latifrons* Mayr, Tabellen :22. [Listed.]<sup>4</sup>
- 1886 *Metropis flavipes* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>1,2,3,4</sup>  
Equals *Metropis maura* Fieb.
- 1886 *Metropis maura* Then, Kat. Österreichischen Cicad. 1886: 16. [Listed.]<sup>3</sup>
- 1886 *Metropis latifrons* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>3,4</sup>
- 1889 *Metropis latifrons* Lethierry, Rev. Ent. 8: 315. [Listed.]<sup>11</sup>
- 1891 *Metropis flavipes* Jakovleff, Horae Soc. Ent. Rossicae 25: 426. [Listed.]
- 1896 *Metropis flavipes* Melichar, Cicad. Mittel-Europa :96. [Described.]<sup>3</sup> Equals *Metropis*  
*maura* Fieb. :95. [Key.]
- 1896 *Metropis latifrons* Melichar, Cicad. Mittel-Europa :95. [Described, key.]<sup>4</sup> Equals  
*Atropis latifrons* Fieb.
- 1896 *Metropis mayri* Melichar, Cicad. Mittel-Europa :96; Pl. VI, Figs. 1-4. [Described,  
illustrated.]<sup>3,12</sup>
- 1897 *Metropis flavipes* Horváth, Fauna Regni Hungariae :57. [Listed.]<sup>5</sup>
- 1897 *Metropis latifrons* Horváth, Fauna Regni Hungariae :57. [Listed.]<sup>6</sup>
- 1899 *Metropis flavipes* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :109. [Listed.]<sup>1,2,3,4</sup>  
Equals *Metropis maura* Fieb.
- 1899 *Metropis latifrons* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :109. [Listed.]<sup>3,4</sup>
- 1900 *Metropis flavipes* Melichar, Wien Ent. Zeit. 19: 45. [Listed.]<sup>7</sup>
- 1901 *Metropis flavipes* Horváth, Zool. Erg. Zichy :256. [Listed.]<sup>6</sup>
- 1902 *Metropis flavipes* Cobelli, Cicadine Trentino :10. [Listed.]<sup>2</sup>
- 1904 *Metropis flavipes* Hüeber, Syst. Verz. deutschen Zikadinen :270. [Listed.]<sup>4</sup> Equals  
*Metropis maura* Fieb.
- 1904 *Metropis latifrons* Hüeber, Syst. Verz. deutschen Zikadinen :270. [Listed.]<sup>4</sup>
- 1907 *Metropis latifrons* Oshanin, Verz. Palaeark. Hemip. 2 (2): 332. [Listed.]<sup>4,5,11</sup> Equals  
*Delphax flavipes* Sign. Equals *Metropis maura* Fieb.
- 1907 *Metropis latifrons* Oshanin, Verz. Palaeark. Hemip. 2 (2): 332. [Listed.]<sup>4,5,11</sup> Equals  
*Atropis latifrons* Kirschb.
- 1907 *Metropis flavipes* Melichar, Sitzber. Akad. Wiss. 116: 1039 (15). [Listed.]<sup>8,9</sup> Equals  
*Metropis maura* Fieb.
- 1908 *Metropis flavipes* Oshanin, Verz. Palaeark. Hemip. 2 (3): 453. [Listed.]<sup>8,9</sup>
- 1912 *Metropis flavipes* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>7,8,10</sup> Equals *Metropis*  
*maura* Fieb.
- 1912 *Metropis latifrons* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>4,5,11</sup>
- 1913 *Metropis maura* Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]<sup>3</sup>
- 1913 *Metropis flavipes* Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]<sup>3</sup>
- 1915 *Metropis latifrons* Jensen-Haarup, Flora och Fauna 1915: 98. [Key.]
- 1920 *Metropis latifrons* Jensen-Haarup, Danmarks Fauna :30. [Key.]
- 1931 *Metropis flavipes* Haupt, Mitt. Deutschen Ent. Ges. 2: 155; Fig. 2. [Key, illus-  
trated.]<sup>1,3,5,6,7,11</sup> :156. [Listed.] Equals *Delphax flavipes* Sign. Equals *Metropis*  
*maurus* Fieb. Equals *Atropis latifrons* Kirschb. Equals *Metropis latifrons* Fieb.  
Equals *Metropis mayri* Mel. [nec Fieb.]
- 1935 *Metropis flavipes* Haupt, Tierwelt Mitteleuropas 4 (3): 136; Fig. 219. [Key, illus-  
trated.] Equals [*Metropis latifrons* Mel. Equals [*Metropis mayri* Mel.

**forficula** Horváth

1908 *Metropis forficula* Horváth, Bull. Soc. Ent. France 1908: 165. France<sup>1</sup>  
[n. sp.]<sup>1</sup>

1910 *Metropis forficula* Oshanin, Ann. Mus. Zool. St. Petersburg 15: 187. [Listed.]<sup>1</sup>

1912 *Metropis forficula* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>1</sup>

*hamata* Boheman. See *Dicranotropis hamata* Boheman.

*laevifrons* Sahlberg. See *Eurysa lurida* Fieber.

*latifrons* Kirschbaum. See *Metropis flavipes* Signoret.

*lugubris* Signoret. See *Jassidaeus lugubris* Signoret.

*lurida* Fieber. See *Eurysa lurida* Fieber.

*maura* Fieber. See *Metropis flavipes* Signoret.

*mayri* Melichar [nec Fieber]. See *Metropis flavipes* Signoret.

**mayri** Fieber

- 1866 *Metropis mayri* Fieber, Verh. Zool. Bot. Ges. Wien 16: 529; Pl. 8, Austria<sup>1</sup>  
Fig. 14. [n. sp., illustrated.]<sup>1,2</sup> :521, 532. [Listed.] Switzerland<sup>2</sup>
- 1870 *Metropis mayri* Scott, Ent. Monthly Mag. 7: 75. [Listed.] Hungary<sup>3</sup>
- 1872 *Metropis mayri* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>1,2,3</sup> Germany<sup>4</sup>
- 1875 *Metropis mayri* Puton, Cat. Hémip. d'Europe 2 Ed. :122. France<sup>5</sup>  
[Listed.]<sup>2,4,5</sup> Belgium<sup>6</sup>
- 1878 *Metropis mayri* Reiber, Bull. Soc. Hist. Nat. Colmar 18: 70, 75. Italy<sup>7</sup>  
[Listed.]<sup>5</sup> Russia<sup>8</sup>
- 1878 *Metropis mayri* Lethierry, Ann. Soc. Ent. Belgique 21: xxxvii Central Europe<sup>9</sup>  
[Listed.]<sup>6</sup>
- 1879 *Metropis mayri* Fieber, Cicad. d'Europe Pt. 4: 145 (81). [Key.]<sup>1,2,3</sup>
- 1880 *Metropis mayri* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 56. [Listed.]<sup>5</sup>
- 1884 *Metropis mayri* Mayr, Tabellen :22. [Listed.]<sup>1,2,3,4</sup>
- 1885 *Metropis mayri* Ferrari, Bull. Soc. Ent. Italiana 17: 280. [Listed.]<sup>7</sup>
- 1886 *Metropis mayri* Then, Kat. Österreichischen Cicad. 1886: :16. [Listed.]<sup>1</sup>
- 1886 *Metropis mayri* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>1,2,4,5,7</sup>
- 1890 *Metropis mayrii* Funk, Ber. Nat. Ges. Bamberg 15: 140. [Listed.]<sup>4</sup>
- 1892 *Metropis mayri* Lethierry, Rev. Hémip. Belgique :22. [Listed.]<sup>6</sup>
- 1892 *Metropis mayri* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>6</sup>
- 1897 *Metropis mayri* Horváth, Fauna Regni Hungariae :57. [Listed.]<sup>3</sup>
- 1899 *Metropis mayri* Melichar, Ent. Jahrb. 1899: (7). [Listed.]<sup>1</sup>
- 1899 *Metropis mayri* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :109. [Listed.]<sup>1,2,4,5,7</sup>
- 1901 *Metropis mayri* Melichar, Ent. Jahrb. 1901: 27 (7). [Listed.]
- 1904 *Metropis mayri* Hüeber, Syst. Verz. deutschen Zikadinen :270. [Listed.]<sup>4</sup>
- 1907 *Metropis mayri* Oshanin, Verz. Palaeark. Hemip. 2 (2): 332. [Listed.]<sup>1,2,3,4,5,7</sup>
- 1908 *Metropis mayri* Oshanin, Verz. Palaeark. Hemip. 2 (3): 453. [Listed.]<sup>5</sup>
- 1912 *Metropis mayri* Haupt, Berliner Ent. Zeit. 56: 195. [Comparative note.]
- 1912 *Metropis mayri* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>9</sup>
- 1928 *Metropis mayri* Ivanov, Mém. Acad. Sci. Ukraine 6: 198. [Listed.]<sup>8</sup>
- 1928 *Metropis mayri* Ivanov, Trav. Mus. Zool. 1928: 502. [Listed.]<sup>8</sup>
- 1931 *Metropis mayri* Haupt, Mitt. Deutschen Ent. Ges. 2: 156. [Listed, key.]<sup>1,4</sup>
- 1935 *Metropis mayri* Haupt, Tierwelt Mitteleuropas 4 (3): 136; Fig. 220. [Key, illus-  
trated.]

**nigrifrons** Kusnezov

1929 *Metropis* [sic] *nigrifrons* Kusnezov, Wien. Ent. Ziet. 46: 167; Turkestan<sup>1</sup>  
Figs. 16-18. [n. sp., illustrated.]<sup>1</sup>

**rubripes** Matsumura

1910 *Metropis rubripes* Matsumura, Jour. Coll. Sci. Tokyo 27: 36. Sicily<sup>1</sup>  
[n. sp.]<sup>1</sup>



*Metropis*—*Jassidaeus*

- 1912 *Metropis rubripes* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]  
 1924 *Metropis rubripes* Haupt, Mem. Soc. Ent. Italian 3: 299. [Listed.]

*ruficeps* Melichar. See *Eurysa lurida* Fieber.

Genus *JASSIDAEUS* Fieber

Haplotype *Jassidaeus morio* [n. sp.] 1866 Fieber, Verh. Zool. Bot. Ges. Wien 16: 521.

Type *Jassidaeus lugubris* 1912 Oshanin, Kat. Paläark. Hemip. :120.

Type *Jassidaeus lugubris* 1914 Crawford, Mon. Delphacidae :583.

Type *Jassidaeus moris* [sic] 1915 Muir, Canadian Ent. 47: 264.

Type *Jassidaeus lugubris* 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 210.

Type *Jassidaeus lugubris* 1935 Haupt, Tierwelt Mittel-Europas 4 (3): 130.

- Jassidaeus* 1866 Fieber, Verh. Zool. Bot. Ges. Wien 16: 521. [gen. n.] :532. [Listed.]  
 1867 Dallas, Zool. Rec. 3: 561. [Key.]  
 1872 Fieber, Kat. Europäischen Cicad. :6. [Listed.] Equals *Ditropis* Kirschb. [in part.]  
 1873 Marschall, Nomenclator Zoologicus 1873: 368. [Listed.]  
 1875 Fieber, Cicad. d'Europe Pt. 1: 377 (90). [Key.]  
 1875 Puton, Cat. Hémip. d'Europe 2 Ed. :121. [Listed.] Equals *Ditropis* Kirschb. [in part.]  
 1876 Fieber, Cicad. d'Europe Pt. 2: Pl. 8. [Illustrated.]  
 1879 Fieber, Cicad. d'Europe Pt. 4: 142 (78). [Listed.]  
 1882 Scudder, Nomenclator Zoologicus Univ. Index :163. [Listed.]  
 1884 Mayr, Tabellen :22. [Key.] Equals *Ditropis* Kirschb. [in part.]  
 1886 Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :74. [Listed.] Equals *Ditropis* Kirschb. [in part.]  
 1889 Ashmead, Ent. Americana 5: 27. [Key.]  
 1896 Melichar, Cicad. Mittel-Europa :94. [Described.] :51. [Key.]  
 1899 Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :109. [Listed.] Equals *Ditropis* Kirschb. [in part.]  
 1902 Matsumura, Allg. Zeits. Ent. 7: 45. [Described.]  
 1904 Hüeber, Syst. Verz. deutschen Zikadinen :270. [Listed.] Equals *Ditropis* Kirschb. [in part.]  
 1907 Oshanin, Verz. Palaeark. Hemip. 2 (2): 331. [Listed.] Equals *Ditropis* Kirschb. [in part.]  
 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 124. [Morphology.]  
 1907 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 8: 44. [Comparative note.]  
 1912 Oshanin, Kat. Paläark. Hemip. :120. [Listed.] Equals *Ditropis* Kirschb. [in part.]  
 1914 Crawford, Mon. Delphacidae :582. [Described.] Equals *Macrotomella* Van Duz. [error.] :563. [Key.]  
*Jassideus* [sic] 1914 Van Duzee, Psyche 21: 164. [Notes.]  
*Jassidaeus* 1915 Muir, Canadian Ent. 47: 264. [Listed.] Equals *Ditropis* Kirschb. [in part.] :212. [Listed.]  
*Jassidaeus* [sic] 1915 Muir, Canadian Ent. 47: 298. [Key.]  
*Jassidaeus* 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 5. [Key.] :8. [Comparative note.]  
 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 210. [Key.]  
 1930 Schulze, Kükenthal and Heider, Nomenclator animalium 3 (13): 1710. [Listed.]  
*Jassideus* [sic] 1930 Schulze, Kükenthal and Heider, Nomenclator animalium 3 (13): 1710. [Listed.] To *Jassidaeus* Fieb.

- Jassidaeus 1935 Haupt, Tierwelt Mitteleuropas 4 (3): 130. [Key.] :136. [Key. to species.]  
 1937 Kuntze, Arch. Nat. (n. f.) 6: 354. [Listed.]  
 1939 Neave, Nomenclator Zoologicus 2: 807. [Listed.]

*atratulus* Kirschbaum. See *Jassidaeus lugubris* Signoret.

*carinatus* Van Duzee. See *Macrotomella carinata* Van Duzee.

*inconspicuus* Uhler. See *Criomorphus inconspicuus* Uhler.

### lugubris Signoret

- 1865 *Delphax lugubris* Signoret, Ann. Soc. Ent. France (4) 5: 130. France<sup>1</sup>  
 [n. sp.]<sup>1</sup> Germany<sup>2</sup>
- 1866 *Jassidaeus morio* Fieber, Verh. Zool. Bot. Ges. Wien 16: 529; Pl. 8, Sweden<sup>3</sup>  
 Fig. 13. [n. sp., illustrated.] :521, 532. [Listed.] Scandinavia<sup>4</sup>
- 1868 *Ditropis atratula* Kirschbaum, Cicad. Wiesbaden :43. [n. sp.]<sup>2</sup> Hungary<sup>5</sup>
- 1872 *Jassidaeus morio* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>2,3</sup> Austria<sup>5</sup>  
 Equals *Jassidaeus atratula* Kirschb. Finland<sup>7</sup>
- 1872 *Delphax lugubris* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>1</sup> Seylon<sup>8</sup>
- 1872 *Jassidaeus morio* Fieber, Verh. Zool. Bot. Ges. Wien 22: 29. Central Europe<sup>9</sup>  
 Equals *Ditropis atratula* Kirschb.
- 1875 *Metropis lugubris* Puton, Cat. Hémip. d'Europe 2 Ed. :122. [Listed.]<sup>1</sup>
- 1875 *Jassidaeus morio* Puton, Cat. Hémip. d'Europe 2 Ed. :121. [Listed.]<sup>2,4</sup> Equals  
*Jassidaeus atratulus* Kirschb.
- 1879 *Jassidaeus morio* Fieber, Cicad. d'Europe Pt. 4: 143 (79). [Described.]<sup>2,3</sup> Equals  
*Ditropis atratula* Kirschb.
- 1884 *Jassidaeus morio* Mayr, Tabellen :22. [Listed.]<sup>2</sup>
- 1886 *Metropis lugubris* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>1</sup>
- 1886 *Jassidaeus morio* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>2,4,5</sup>  
 Equals *Jassidaeus atratulus* Kirschb.
- 1892 *Metropis lugubris* Lethierry, Rev. Ent. 11: 70. [Female, described.]<sup>5</sup> Equals *Delphax*  
*lugubris* Sign.
- 1896 *Jassidaeus morio* Melichar, Cicad. Mittel-Europa :94; Pl. 5, Figs. 64, 65. [Described,  
 illustrated.]<sup>2,6</sup> Equals *Ditropis atratula* Kirschb.
- 1897 *Metropis lugubris* Horváth, Fauna Regni Hungariae :57. [Listed.]<sup>5</sup>
- 1899 *Metropis lugubris* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :109. [Listed.]<sup>1,5</sup>
- 1899 *Jassidaeus morio* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :109. [Listed.]<sup>2,4,6,7</sup>  
 Equals *Jassidaeus atratulus* Kirschb.
- 1902 *Jassidaeus lugubris* Matsumura, Allg. Zeits. Ent. 7: 46; Figs. 1-5. [Described, illus-  
 trated.]<sup>2,3,5,6</sup> Equals *Jassidaeus morio* Fieb. Equals *Metropis lugubris* Sign. Equals  
*Delphax lugubris* Sign. Equals *Ditropis atratula* Kirschb. Equals *Delphax raniceps*  
 Boh. [error.]
- 1904 *Jassidaeus morio* Hüeber, Syst. Verz. deutschen Zikadinen :270. [Listed.]<sup>2</sup> Equals  
*Jassidaeus atratulus* Kirschb.
- 1906 *Metropis* (*Jassidoeus* [sic]) *lugubris* Lambertie, Proc. Verb. Soc. Linn. Bordeaux 61:  
 xx [4]. [Listed.]<sup>1</sup>
- 1907 *Jassidaeus lugubris* Oshanin, Verz. Palaeark. Hemip. 2 (2): 331. [Listed.]<sup>1,2,5,6</sup> Equals  
*Jassidaeus morio* Fieb. Equals *Metropis lugubris* Leth. Equals *Ditropis atratula*  
 Kirschb. Equals *Delphax lugubris* Sign.
- 1908 *Metropis lugubris* Reuter, Acta Soc. Sci. Fennicae 36 (1): 102, 109, 117. [Listed.]
- 1908 *Metropis* (*Jassidaeus*) *lugubris* Reuter, Acta Soc. Sci. Fennicae 36 (1): 72. [Listed.]<sup>1,5</sup>
- 1909 *Metropis lugubris* Lambertie, Proc. Verb. Soc. Linn. Bordeaux 63: cxlviii. [Listed.]<sup>1</sup>
- 1910 *Metropis lugubris* Lambertie, Misc. Ent. 18: 93. [Listed.]<sup>1</sup>
- 1912 *Jassidaeus lugubris* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>9</sup> Equals *Jassidaeus*  
*morio* Fieb. Equals *Jassidaeus atratulus* Kirschb.
- 1914 *Jassidaeus lugubris* Haupt, Ent. Jahrb. 23: 162. (4). [Ecology.]
- 1915 *Jassidaeus moris* [sic] Muir, Canadian Ent. 47: 264. Equals *Ditropis lugubris*.
- 1915 *Jassidaeus morio* Jensen-Haarup, Flora och Fauna 1915: 98. [Key.]

*Jassidaeus—Macrotomella—Brachycraera*

1920 *Jassidaeus morio* Jensen-Haarup, Danmarks Fauna :30. [Key.]

1935 *Jassidaeus lugubris* Haupt, Tierwelt Mitteleuropas 4 (3): 136; Fig. 222. [Key, illustrated.] Equals [*Jassidaeus*] *morio* Fieb.

1937 *Jassidaeus lugubris* Kuntze, Arch. Nat. (n. f.) 6: 338, 353, 354. [Ecology.]<sup>2</sup>

*morio* Fieber. See *Jassidaeus lugubris* Signoret.

Genus **MACROTOMELLA** Van Duzee

Haplotype *Macrotomella carinata* [n. sp.] 1907 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 8 (5): 44.

Type *Macrotomella carinata* 1909 Van Duzee, Canadian Ent. 41: 384.

Type *Macrotomella carinata* [sic] 1915 Muir, Canadian Ent. 47: 265.

Haplotype *Macrotomella carinata* 1916 Van Duzee, Check List Hemip. Hemip. America :83.

Haplotype *Macrotomella carinata* 1917 Van Duzee, Cat. Hemip. America :766.

Macrotomella 1907 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 8 (5): 44. [gen. n.]

1909 Van Duzee, Canadian Ent. 41: 384. [Listed.]

1912 Waterhouse, Index Zool. II: 164. [Listed.]

1914 Crawford, Mon. Delphacidae :582. To *Jassidaeus* Fieb. [error.]

1914 Van Duzee, Psyche 21: 164. [Notes.]

1915 Muir, Canadian Ent. 47: 212, 265. [Listed.]

*Macrotomello* [sic]

1915 Muir, Canadian Ent. 47: 298. [Key.]

Macrotomella

1916 Van Duzee, Check List Hemip. America :83. [Listed.]

1917 Van Duzee, Cat. Hemip. America :766. [Listed.]

1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 5. [Key.] :8. [Notes.]

1931 Schulze, Kükenthal and Heider, Nomenclator and animalium 3 (15): 1949. [Listed.]

1940 Neave, Nomenclator Zoologicus 3: 22. [Listed.]

*carinata*. Typographical error for *Macrotomella carinata* Van Duzee.

**carinata** Van Duzee

1907 *Macrotomella carinata* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 8: Jamaica<sup>1</sup>  
44. [n. sp.]<sup>1</sup> Florida<sup>2</sup>

1909 *Macrotomella carinata* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 9: Southern States<sup>3</sup>  
197. [Notes.]<sup>1,2</sup> West Indies<sup>4</sup>

1914 *Macrotomella carinata* Barber, Bull. American Mus. Nat. Hist. 33: 528. [Listed.]<sup>3</sup>

1914 *Jassidaeus carinatus* Crawford, Mon. Delphacidae :583. [Notes.]<sup>1,2</sup> Equals *Macrotomella carinata* Van Duzee.

1916 *Macrotomella carinata* Van Duzee, Check List Hemip. America :83. [Listed.]<sup>3</sup>

1917 *Macrotomella carinata* Van Duzee, Cat. Hemip. America :767. [Listed.]<sup>2,4</sup> Equals *Jassidaeus carinata* Van Duzee.

1921 *Macrotomella carinata* Osborn, Florida Ent. 5: 18. [Listed.]<sup>2</sup>

1923 *Macrotomella carinata* Metcalf, Jour. Elisha Mitchell Soc. 38: 167; Pl. 46, Fig. 104; Pl. 59, Figs. 389, 390; Pl. 65, Fig. 548. [Key, illustrated.]

Genus **BRACHYCRAERA** Muir

Haplotype *Brachycraera albolineata* [n. sp.] 1916 Muir, Philippine Jour. Sci. 11: 377.

*Brachycraera* 1916 Muir, Philippine Jour. Sci. 11: 377. [gen. n.]

- 1919 Muir, Philippine Jour. Sci. 15: 522. [Listed.]  
 1926 Schulze, Kükenthal and Heider, Nomenclator animalium 1 (3): 438.  
 [Listed.]  
 1939 Neave, Nomenclator Zoologicus 1: 467. [Listed.]

**albolineata** Muir

- 1916 *Brachycaera albolineata* Muir, Philippine Jour. Sci. 11: 378. [n. Luzon<sup>1</sup>  
 sp.]<sup>1</sup> Borneo<sup>2</sup>  
 1919 *Brachycaera albolineata* Muir, Philippine Jour. Sci. 15: 522.  
 [Listed.]<sup>2</sup>

Genus **CRIMORPHUS** Curtis

- Haplotype *Criomorphus albomarginatus* [n. sp.] 1833 Curtis, Ent. Mag. 1: 195.  
 Type *Criomorphus albomarginatus* 1901 Kirkaldy, Entomologist 34: 178.  
 Type *Criomorphus albomarginatus* 1915 Muir, Canadian Ent. 47: 262.  
 Haplotype *Criomorphus albomarginatus* 1916 Van Duzee, Check List Hemip. America :85.  
 Haplotype *Criomorphus albomarginatus* 1917 Van Duzee, Cat. Hemip. America :780.
- Criomorphus* 1829 Curtis Guide Arrang. British Ins. :194. [Listed.] [nom. nud.]  
 1833 Curtis, Ent. Mag. 1: 195. [gen. n.]  
 1833 Curtis, British Ent. 10: Pl. 445. [Note.]  
 1837 Curtis, British Ent. 14: Pl. 657. [Comparative note.]  
 1837 Curtis, Guide Arrang. British Ins. Ed. 2: 223. [Listed.]  
 1840 Westwood, Syn. Genera British Ins. :116. To *Delphax* [Error.]  
 1842 Agassiz, Erichson and Germar, Nom. Zool. :6. [Listed.]  
 1848 Agassiz, Index Univ. :301. [Listed.]  
 1849 Westwood, Cuvier's Animal Kingdom :569. [Notes.]  
 1851 Walker, List Homop. British Mus. 2: 350. To *Delphax* Fabr. [error.]  
*Delphax* [nec Fabricius] [in part.] 1851 Walker, List. Homop. British Mus. 2: 350. [Listed.]  
 1859 Dohrn, Cat. Hemip. :61. [Listed.]  
 1860 Walker, List British Hemip. :17. [Listed.]  
 1861 Flor, Rhynch. Livlands :14. [Key.] :25. [Described.] :31. [Key to European species.]
- Criomorphus* 1861 Flor, Rhynch. Livlands 2: 31. [Note.]  
 1863 Westwood, Cuvier's Animal Kingdom :569. [Notes.]  
 1865 Marshall, Ent. Monthly Mag. 1: 198. [Key to British species.] :228. [Note.]  
 1882 Scudder, Nomenclator Zoologicus. Univ. Index :82. [Listed.]
- Stiroma* [in part.] 1886 Edwards, Syn. British Homop.-Cicadina Pt. 1: 93. [Described, key to species.] :55. [Key.]
- Criomorphus* 1886 Westwood, Cuvier's Animal Kingdom :569. [Notes.]  
*Stiroma* [in part.] 1890 Saunders and Edwards, Cat. British Hemiptera 1890: 12. [Listed.]  
*Criomorphus* 1901 Kirkaldy, Entomologist 34: 178. [Listed.]  
 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 126. [Key.] :124. [Morphology.] :131. [Notes.] Equals *Stiroma* Fieb. [error.] Equals *Ditropis* Kirschb. [error.] Equals *Eurybregma* Scott. [error.] :133. [Comparative note.]
- Stiroma* [in part.] 1908 Saunders and Edwards, Cat. British Hemiptera 1908: 15. [Listed.]  
*Criomorphus* 1910 Kirkaldy, Fauna Hawaiiensis Suppl. :579. [Comparative note.]



*Criomorphus*

- 1912 Oshanin, Kat. Paläark. Hemip. :120. To *Stiroma* Fieb. [error.]  
 1915 Muir, Canadian Ent. **47**: 262. [Listed.] Equals *Ditropis* Kirschb. [error.] Equals *Stiroma* Fieb. [error.] :298. [Key.] :212. [Listed.]  
 1916 Van Duzee, Check List Hemip. America :85. [Listed.] Equals *Eurybregma* Scott. [error.] Equals *Stiroma* Fieb. [error.]  
 1917 Van Duzee, Cat. Hemip. America :780. [Listed.] Equals *Stiroma* Fieb. [error.] Equals *Ditropis* Fieb. [error.]  
 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 5. [Key.] :8. [Comparative note.]  
 1925 Sherborn, Index Animalium **7**: 1633. [Listed.]  
 1928 Schulze, Kükenthal and Heider, Nomenclator animalium **2** (8): 831. [Listed.]  
 1938 Britton, Bull. Connecticut Geol. Nat. Hist. Surv. **60**: 22. [Listed.]  
 1939 China, Ent. Monthly Mag. **75**: 41. [Comparative note.] :43. [Note.] Equals *Eurybregma* Scott. [error.] Equals *Ditropis* Fieb. [error.] Equals *Stiroma* Fieb. [error.] :46 [Key to British species.]  
 1939 Neave, Nomenclator Zoologicus **1**: 874. [Listed.]

*affinis* Fieber. See *Stiroma affinis* Fieber.

**albomarginatus** Curtis

- 1829 *Criomorphus albomarginata* Curtis, Guide Arrang. British Ins. Great Britain<sup>1</sup>  
 :194. [Listed.]<sup>1,2</sup> [nom. nud.] Ireland<sup>2</sup>  
 1833 *Criomorphus albomarginatus* Curtis, Ent. Mag. **1**: 195. [n. sp.]<sup>3</sup> England<sup>3</sup>  
 1837 *Criomorphus albomarginatus* Curtis, Guide Arrang. British Ins. France<sup>4</sup>  
 Ed. **2**: 223. [Listed.]<sup>1</sup> Estonia<sup>5</sup>  
 1851 *Delphax albomarginata* Walker, List Homop. British Mus. **2**: 356. Germany<sup>6</sup>  
 [Listed.]<sup>3</sup> Equals *Criomorphus albomarginata* Curt. Russia<sup>7</sup>  
 1853 *Delphax collaris* Stål, Öfv. Svenska Vet. Akad. Förh. **10**: 175. [n. sp.]<sup>9</sup> Finland<sup>8</sup>  
 Sweden<sup>9</sup>  
 1854 *Delphax collaris* Stål, Öfv. Svenska Vet. Akad. Förh. **11**: 197. To Scandinavia<sup>10</sup>  
*Delphax moesta* Boh. [error.] Switzerland<sup>11</sup>  
 1859 *Delphax collaris* Dohrn, Cat. Hemip. :61. To *Delphax moesta* Boh. Austria<sup>12</sup>  
 [error.] Belgium<sup>13</sup>  
 1859 *Delphax albomarginata* Dohrn, Cat. Hemip. :61. [Listed.]<sup>3</sup> Czechoslovakia<sup>14</sup>  
 1860 *Delphax albomarginata* Walker, List British Hemip. :17. [Listed.]<sup>3</sup> British Isles<sup>15</sup>  
 1861 *Delphax adelpha* Flor, Rhynch. Livlands **2**: 81. [n. sp.]<sup>6</sup> :33. [Key.] Hungary<sup>16</sup>  
 1861 *Delphax collaris* Flor, Rhynch. Livlands **2**: 80. To *Delphax moesta* Tunisia<sup>17</sup>  
 Boh. [error.] Batavia<sup>18</sup>  
 1865 *Delphax albomarginatus* Marshall, Ent. Monthly Mag. **1**: 227. Central Europe<sup>19</sup>  
 [Described.]<sup>1</sup> Equals *Criomorphus albomarginatus* Curt. Equals Denmark<sup>20</sup>  
*Delphax moesta* Boh. [error.] Equals *Delphax collaris* Stål. :199. North Africa<sup>21</sup>  
 [Key.] Turkestan<sup>22</sup>  
 1866 *Delphax albomarginatus* Bold, Ent. Monthly Mag. **2**: 207. Netherlands<sup>23</sup>  
 [Notes.]<sup>3</sup> Scotland<sup>24</sup>  
 1866 *Ditropis adelpha* Fieber, Verh. Zool. Bot. Ges. Wien **16**: Pl. VIII, Poland<sup>25</sup>  
 Fig. 18. [Illustrated.]  
 1866 *Stiroma adelpha* Fieber, Verh. Zool. Bot. Ges. Wien. **16**: 522, 532. [Listed.]  
 1867 *Delphax albomarginatus* Marshall, Ent. Monthly Mag. **3**: 269. [Comparative note.]  
 1867 *Stiroma adelpha* Dallas, Zool. Rec. **3**: 561. Equals *Delphax adelpha* Flor.  
 1868 *Ditropis adelpha* Kirschbaum, Cicad. Wiesbaden :43. [Key.]<sup>6</sup>  
 1868 *Delphax collaris* Sahlberg, Not. Fennica [n. s.] **9** (9): 218. To *Delphax moesta* Boh. [error.]  
 1868 *Delphax collaris* Sahlberg, Not. Fennica [n. s.] **9** (9): 190. To *Delphax moesta* Boh. [error.]  
 1870 *Stiroma albomarginata* Oshanin, Mém. Soc. Amis Sci. Nat. Moscou **6**: 46. [Listed.]<sup>7</sup>  
 Equals *Stiroma moesta* Boh. [error.]

- 1870 *Stiroma adelpha* Oshanin, Mém. Soc. Amis Sci. Nat. Moscou **6**: 46. [Listed.]<sup>7</sup>
- 1870 *Stiroma albomarginata* Scott, Ent. Monthly Mag. **7**: 74. [Key.] :75. [Listed.]<sup>1</sup>
- 1871 *Stiroma albomarginata* Oshanin, Bull. Imp. Soc. Nat. Hist. Imp. Univ. Moscou **6** (3): 30. [Listed.]<sup>7</sup> Equals *Stiroma moesta* Boh. [error.]
- 1871 *Stiroma adelpha* Oshanin, Bull. Imp. Soc. Nat. Hist. Imp. Univ. Moscou **6** (3): 30. [Listed.]<sup>7</sup>
- 1871 *Ditropis moesta* [nec Boheman] Sahlberg, Not. Fennica [n. s.] **12**: 58, 489. [Listed.]<sup>8,9</sup> :476. [Described.]<sup>7,8,9</sup> :477. Equals *Delphax collaris* Stål. Equals *Delphax adelpha* Flor. :34. [Ecology.]
- 1872 *Stiroma albomarginata* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>9</sup> Equals *Stiroma collaris* Stål. Equals *Stiroma adelpha* Flor.
- 1874 *Ditropis adelpha* Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg **20**: 84. [Notes.]<sup>6</sup>
- 1874 *Stiroma albomarginata* Lethierry, Cat. Hémipt. Dept. du Nord. Second Ed. :259 (55). [Listed.]<sup>4</sup> Equals *Stiroma adelpha* Flor.
- 1875 *Stiroma albomarginata* Puton, Cat. Hémipt. d'Europe 2 Ed. :122. [Listed.]<sup>1,4,10</sup> Equals *Stiroma adelpha* Flor. Equals *Stiroma collaris* Stål.
- 1876 *Stiroma albomarginata* Douglas and Scott, Cat. British Hemip. :70. [Listed.]<sup>1</sup> Equals *Delphax adelpha* Flor. Equals *Delphax collaris* Stål. Equals *Delphax albomarginata* Curt.
- 1878 *Delphax albomarginata* Dale, History of Glanville's Wootton :305. [Listed.]<sup>3</sup>
- 1879 *Stiroma adelpha* Fieber, Cicad d'Europe Pt. **4**: 155 (91). [Key.]<sup>4,5,6,9,11</sup> Equals *Delphax adelpha* Flor. Equals *Delphax collaris* Stål. Equals *Ditropis adelpha* Kirschb.
- 1880 *Stiroma albomarginata* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar **21**: 56. [Listed.]<sup>4</sup>
- 1880 *Stiroma albomarginata* Norman, Ent. Monthly Mag. **16**: 213. [Listed.]<sup>24</sup>
- 1881 *Stiroma albomarginata* Norman, Ent. Monthly Mag. **18**: 18. [Listed.]<sup>24</sup>
- 1884 *Stiroma albomarginata* Edwards, Trans. Nat. Soc. Norwich **3**: 714. [Listed.]<sup>3</sup>
- 1884 *Stiroma adelpha* Mayr, Tabellen :21. [Listed.]<sup>4,6,11</sup>
- 1886 *Stiroma albomarginata* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>1,4,6,7,10,12</sup> Equals *Stiroma adelpha* Flor. Equals *Stiroma collaris* Stål.
- 1886 *Stiroma albomarginata* Then, Kat. Österreichischen Cicad. **1886**: 16. [Listed.]<sup>12</sup>
- 1886 *Stiroma albomarginata* Capron, Ent. Monthly Mag. **22**: 264. [Listed.]<sup>3</sup>
- 1886 *Stiroma albomarginata* Edwards, Syn. British Homop.-Cicadina Pt. **1**: 93. [Described, key.]<sup>1</sup> Equals *Ditropis adelpha* Fieb. Equals *Delphax adelpha* Flor. Equals *Delphax collaris* Stål. Equals *Delphax moesta* Boh. [error.] Equals *Delphax albomarginata* Curt. Equals *Stiroma adelpha* Fieb.
- 1888 *Stiroma albomarginata* Dubois, Mém. Soc. Linn. Nord. France **7**: 156 (60). [Listed.]<sup>4</sup>
- 1890 *Stiroma albomarginata* Funk, Ber. Nat. Ges. Bamberg **15**: 140. [Listed.]<sup>6</sup>
- 1890 *Liburnia albomarginata* Buckton, Mon. British Cicadae **3**: 65. [Synopsis.]
- 1890 *Stiroma albomarginata* Saunders and Edwards, Cat. British Hemiptera **1890**: 12. [Listed.]<sup>1</sup>
- 1890 *Stiroma albomarginata* Buckton, Mon. British Cicadae **3**: 69; Pl. 20, Figs. 1a-e. [Described, illustrated.]<sup>1</sup> Equals *Delphax collaris* Stål. Equals *Stiroma adelpha* Fieber. Equals *Delphax adelpha* Flor. Equals *Ditropis adelpha* Fieber. Equals *Delphax collina* Stål. [error.] Equals *Delphax albomarginata* Curtis. Equals *Delphax moesta* Boheman. [error.]
- 1891 *Stiroma albomarginata* Fokker, Cat. Nederland Hemip. :367. [Listed.]<sup>23</sup>
- 1892 *Stiroma albomarginata* Lethierry, Rev. Hémipt. Belgique :22. [Listed.]<sup>13</sup>
- 1892 *Stiroma albomarginata* Duda, Cat. Ins. Faunae Bohemicae :29. [Listed.]<sup>14</sup> Equals *Stiroma adelpha* Flor. Equals *Stiroma collaris* Stål.
- 1892 *Stiroma albomarginata* Coubeaux, Ann. Soc. Ent. Belgique **36**: 34 (1). [Listed.]<sup>13</sup>
- 1892 *Stiroma albomarginata* Dominique, Bull. Soc. Sci. Nat. Ouest France **2**: 248. [Listed.]<sup>4</sup>
- 1892 *Stiroma albomarginata* Saunders, Ent. Monthly Mag. **28**: 218. [Listed.]<sup>3</sup>
- 1893 *Stiroma albomarginata* M'Gregor, Ann. Scottish Nat. Hist. **1893**: 220. [Listed.]<sup>24</sup>
- 1894 *Stiroma albomarginata* Edwards, Hemip.-Homop. British Islands Pt. **3**: 74. [Described.]<sup>1</sup> :73. [Key.]

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- 1894 *Stiroma albomarginata* Edwards, Hemip.-Homop. British Islands Pt. 2: Pl. 8, Fig. 6. [Illustrated.]
- 1895 *Stiroma albomarginata* Dominique, Bull. Soc. Sci. Nat. Ouest France 5: 24. [Listed.]<sup>4</sup>
- 1895 *Stiroma albomarginata* Wüstnei, Schr. Nat. Ver. Schleswig-Holsteins. 10: 270. [Listed.]<sup>6</sup> Equals [*Stiroma*] *adelpha* Flor.
- 1896 *Stiroma albomarginata* Melichar, Cicad. Mittel-Europa :101; Pl. 6, Fig. 22. [Key described, illustrated.]<sup>6,12,14</sup> Equals *Delphax albomarginata* Curt. Equals *Delphax adelpha* Flor. Equals *Delphax collaris* Stål. Equals *Delphax moesta* Stål. [error.]
- 1897 *Stiroma albomarginata* Horváth, Fauna Regni Hungariae :57. [Listed.]<sup>16</sup>
- 1898 *Stiroma albomarginata* Horváth, Rev. Ent. 17: 280. Equals *Ditropis moesta* Sahlb. [nec Boh.] Equals *Delphax albomarginata* Curt.
- 1899 *Stiroma albomarginata* Melichar, Wien. Ent. Zeit. 18: 181. [Listed.]<sup>17</sup>
- 1899 *Stiroma albomarginata* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :109. [Listed.]<sup>1</sup> <sup>4,6,7,8,10,12</sup> Equals *Stiroma adelpha* Flor. Equals *Stiroma collaris* Stål.
- 1900 *Stiroma albomarginata* Lameere, Manuel Faune Belgique 2: 142. [Described.]<sup>13</sup> Equals [*Stiroma*] *adelpha* Flor.
- 1901 *Stiroma albomarginata* Horváth, Zool. Erg. Zichy :256. [Listed.]<sup>7</sup>
- 1901 *Stiroma albomarginata* Melichar, Ent. Jahrb. 1901: 42 (9). [Listed.]
- 1901 *Stiroma albomarginata* Schouteden, Ann. Soc. Ent. Belgique 45: 269. [Listed.]<sup>13</sup>
- 1902 *Stiroma albomarginata* Dominique, Bull. Soc. Sci. Nat. Ouest France (11) 2: 223. [Listed.]<sup>4</sup>
- 1904 *Stiroma albomarginata* Hüeber, Syst. Verz. deutschen Zikadinen :270. [Listed.]<sup>6</sup> Equals *Stiroma cidelpha* [sic] Flor. Equals *Stiroma collaris* Stål.
- 1906 *Stiroma albomarginata* Matsumura, Schr. Nat. Ges. Danzig 11: 77. [Listed.]<sup>6</sup> Equals *Stiroma adelpha* Flor.
- 1907 *Stiroma albomarginata* Butler, Hemip. Hastings :56. [Listed.]<sup>3</sup>
- 1907 *Stiroma albomarginata* Oshanin, Verz. Palaeark. Hemip. 2 (2): 334. [Listed.]<sup>1,4,5,6,7,8,9</sup> <sup>16,17</sup> Equals *Delphax albomarginata* Curt. Equals *Delphax collaris* Stål. Equals *Delphax adelpha* Flor. Equals *Ditropis adelpha* Fieb. Equals *Ditropis moesta* Sahlb. [nec Boh.] Equals *Stiroma adelpha* Fieb.
- 1907 *Stiroma albomarginata* Oshanin, Cat. Homop. St. Pétersbourg 1907: 248 (36). [Listed.]<sup>7</sup> Equals [*Stiroma*] *adelpha* Flor.
- 1908 *Stiroma albomarginata* Oshanin, Verz. Palaeark. Hemip. 2 (3): 454. [Listed.]<sup>18</sup>
- 1908 *Stiroma borealis* Saunders and Edwards, Cat. British Hemiptera 1908: 15. To *Stiroma maesta* [sic] Boh. [error.]
- 1908 *Stiroma albomarginata* Whittaker, Hemip.-Homop. Lancashire and Cheshire: 22. [Listed.]<sup>3</sup>
- 1912 *Stiroma albomarginata* [sic] Dahl, Beitr. Nat. 3: 354. [Ecology.]
- 1912 *Stiroma albomarginata* Dahl, Beitr. Nat. 3: 384, 393, 401. [Ecology.] :435. [Key.]
- 1912 *Stiroma albomarginata* Schmidt, Stett. Ent. Zeit. 73: 150. [Notes.]<sup>6</sup>
- 1912 *Stiroma albomarginata* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>17,19</sup> Equals *Stiroma moesta* Sahlb. (nec Boh.) Equals *Stiroma adelpha* Flor. Equals *Stiroma collaris* Stål.
- 1912 *Stiroma albomarginata* Lambertie, Proc. Verb. Soc. Linn. Bordeaux 66: 80. [Listed.]<sup>4</sup>
- 1914 *Stiroma albomarginata* Haupt, Ent. Jahrb. 23: 163 (5). [Ecology.]
- 1915 *Stiroma albomarginata* Jacobsen, Ent. Medd. 10: 320. [Listed.]<sup>20</sup>
- 1916 *Stiroma albomarginata* Jensen-Haarup, Flora och Fauna 1916: 37. [Described.]<sup>20</sup> :36. [Key.]
- 1920 *Stiroma albomarginata* Tullgren and Wahlgren, Svenska Insekter 1920: 153. [Notes.]<sup>9</sup>
- 1920 *Stiroma albomarginata* Jensen-Haarup, Danmarks Fauna :64; Fig. 35. [Described, illustrated.]<sup>19,20,21</sup> Equals [*Stiroma*] *moesta* Boh. [error.] :63. [Key.]
- 1921 *Stiroma albomarginata* Lallemand, Bull. Soc. Ent. France 1921: 224. [Note.]
- 1923 *Criomorpha albomarginata* Sherborn, Index Animalium 2: 195. [Listed.]
- 1924 *Stiroma albomarginata* Lindberg, Acta Soc. Fauna Flora Fennica 56: 46. [Listed.]<sup>8</sup> Equals *Stiroma moesta* Sahlb. [nec Boh.] :40. [Comparative note.]
- 1926 *Stiroma albomarginata* Blöte, De Levende Natuur. 4: 113. [Listed.]<sup>23</sup>

- 1926 *Stiroma albomarginata* Lindberg, Not. Ent. 6: 77. [Synonymy.] Equals *Stiroma moesta* Boh. [error.] Equals *Stiroma borealis* Sahlb. [error.]
- 1926 *Stiroma albomarginata* Rémy-Perrier, Homop. Faune France 4: 93; Fig. SA. [Key, illustrated.]<sup>4</sup>
- 1927 *Stiroma albomarginata* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 144. [Listed.]<sup>3</sup>
- 1928 *Stiroma albomarginatus* Filipieff, Guide to Insects :160. [Described.]
- 1929 *Stiroma albomarginata* Kusnezov, Wien. Ent. Zeit. 46: 169. [Listed.]<sup>22</sup>
- 1930 *Stiroma albomarginata* Britten, Check List Fauna Lancashire and Cheshire 1: 74. [Listed.]<sup>3</sup>
- 1934 *Stiroma albomarginata* Ossiannilsson, Ent. Tidskr. 55: 139. [Listed.]<sup>9</sup>
- 1934 *Stiroma albomarginata* Thornley, Trans. Soc. British Ent. 1: 83. [Listed.]<sup>3</sup>
- 1935 *Stiroma albomarginata* Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 7.<sup>6</sup>
- 1935 *Stiroma albomarginata* Halbert, Proc. R. Irish Acad. 42 [Sect. B] :310. [Listed.]<sup>2</sup>
- 1935 *Stiroma albomarginata* Haupt, Tierwelt Mitteleuropas 4 (3): 138. [Key.] Equals [*Stiroma*] *germanica* Mats. [error.]
- 1935 *Stiroma albomarginata* Rapp, Beiträge zur Fauna Thüringens 1: 51. [Listed.]<sup>6</sup>
- 1937 *Stiroma albomarginata* Lindberg, Not. Ent. 17: 61; Fig. 1b. [Comparative note, illustrated.]
- 1937 *Stiroma albomarginata* Kuntze, Arch. Nat. [n. f.] 6: 310, 312, 338, 341, 350, 355. [Ecology.]<sup>6</sup>
- 1938 *Stiroma albomarginata* Nast, Fragm. Faun. Mus. Zool. Polonici 3: 233 (9). [Listed.]<sup>25</sup>
- 1939 *Criomorphus albomarginatus* China, Ent. Monthly Mag. 75: 46. [Key.]
- 1939 *C[riomorphus] albomarginatus* China, Ent. Monthly Mag. 75: 44, 45; Fig. 1b. [Comparative note, illustrated.]

*apicalis* Stephens [nom. nud.] See *Delphacodes leptosoma* Flor.

### australiae Kirkaldy

- 1907 *Criomorphus australiae* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Queensland<sup>1</sup> 3: 131. [n. sp.]<sup>1</sup> :12. [Listed.]

*bicarinatas* Herrich-Schäffer. See *Stiroma bicarinata* Herrick-Schäffer.

### bicolor Curtis [nom. nud.]

- 1837 *Criomorphus bicolor* Curtis, Guide Arrang. British Ins. Ed. 2: 223. Great Britain<sup>1</sup> [Listed.]<sup>1</sup> [nom. nud.]

*borealis* Sahlberg. See *Stiroma borealis* Sahlberg.

*conspicuous*. Typographical error for *Criomorphus conspicuus* Metcalf.

### conspicuus Metcalf

- 1923 *Criomorphus conspicuus* Metcalf, Jour. Elisha Mitchell Soc. 38: Massachusetts<sup>1</sup> 212; Pl. 46, Fig. 105; Pl. 59, Figs. 391, 392; Pl. 65, Fig. 549; Pl. 68, Connecticut<sup>2</sup> Fig. 635. [n. sp., illustrated.]<sup>1,2,3</sup> :167. [Key.] :150. [Listed.] Illinois<sup>3</sup>
- 1938 *Criomorphus conspicuus* [sic] Britton, Bull. Connecticut Geol. Nat. Hist. Surv. 60: 22. [Listed.]<sup>2</sup>

### crassipes Curtis [nom. nud.]

- 1829 *Delphax crassipes* Curtis, Guide Arrang. British Ins. :194. Great Britain<sup>1</sup> [Listed.]<sup>1,2</sup> [nom. nud.] Ireland<sup>2</sup>
- 1837 *Criomorphus crassipes* Curtis, Guide Arrang. Britis Insh. Ed. 2: 223. [Listed.]<sup>1</sup> [nom. nud.]
- 1925 *Delphax crassipes* Sherborn, Index Animalium 7: 1598. [Listed.] [nom. nud.]

### dispar Curtis [nom. nud.]

- 1837 *Criomorphus dispar* Curtis, Guide Arrang. British Ins. Ed. 2: 223. Great Britain<sup>1</sup> [nom. nud.]<sup>1</sup>



*Criomorphus**fasciatus* Curtis [nom. nud.]

- 1829 *Criomorphus fasciata* Curtis, Guide Arrang. British Ins. :194. Great Britain<sup>1</sup>  
[Listed.]<sup>2</sup> [nom. nud.] Ireland<sup>2</sup>
- 1837 *Criomorphus fasciatus* Curtis, Guide Arrang. British Ins. Ed. 2:  
2: 223. [Listed.]<sup>1</sup> [nom. nud.]
- 1926 *Criomorphus fasciata* Sherborn, Index Animalium 10: 2313. [Listed.] [nom. nud.]

*hemipterus* Germar. See *Delphacodes hemiptera* Germar.

*inconspicuus* Uhler

- 1877 *Stiroma inconspicua* Uhler, Bull. United States Geol. Geog. Surv. Colorado<sup>1</sup>  
Terr. 3 (2): 458. [n. sp.]<sup>1</sup> New York (?)<sup>2</sup>
- 1895 *Stiroma inconspicua* Gillette and Baker, Hemip. Colorado :70. Rocky  
[Listed.]<sup>1</sup> Mountains<sup>3</sup>
- 1897 *Stiroma inconspicua* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5:  
227, 260. [Listed.]<sup>1</sup>
- 1903 *Stiroma inconspicua* Henshaw, Psyche 10: 229. [Listed.]<sup>1</sup>
- 1904 *Stiroma inconspicua* Swezey, Prelim. Cat. Fulgoridae North America 1904: 43.  
[Listed.]<sup>1</sup>
- 1914 *Jassideaus inconspicuus* Crawford, Mon. Delphacidae :583. [Listed.]<sup>1</sup> Equals *Sti-*  
*roma inconspicua* Uhl.
- 1916 *Criomorphus inconspicuus* Van Duzee, Check List Hemip. America :85. [Listed.]<sup>1</sup>
- 1917 *Criomorphus inconspicuus* Van Duzee, Cat. Hemip. America: 781. [Listed.]<sup>1,2</sup> Equals  
*Jassideaus* [sic] *inconspicuus* Uhl. Equals *Stiroma inconspicuus* Uhl.

*maculatus* Curtis [nom. nud.]

- 1829 *Criomorphus maculata* Curtis, Guide Arrang. British Ins. :194. Great Britain<sup>1</sup>  
[Listed.]<sup>2</sup> [nom. nud.] Ireland<sup>2</sup>
- 1837 *Criomorphus maculatus* Curtis, Guide Arrang. British Ins. Ed. 2:  
223. [Listed.]<sup>1</sup> [nom. nud.]
- 1928 *Criomorphus maculata* Sherborn, Index Animalium 15: 3786. [Listed.] [nom. nud.]

*moestus* Boheman

- 1847 *Delphax moesta* Boheman, Handl. Svenska Vet. Akad. 1847: 59. Sweden<sup>1</sup>  
[n. sp.]<sup>1</sup> Estonia<sup>2</sup>
- 1850 *Delphax moesta* Boheman, Handl. Svenska Vet. Akad. 1849: 258. Netherlands<sup>3</sup>  
[Listed.]<sup>1</sup> Lapland<sup>4</sup>
- 1850 *Delphax moesta* Dahlbom, Handl. Svenska Vet. Akad. 1850: 199. Finland<sup>5</sup>  
[Listed.]<sup>1</sup> Great Britain<sup>5</sup>
- 1850 *Delphax moesta* Schaum, Allg. Encyk. Ersch und Gruber 51: 69. Czechoslovakia<sup>7</sup>  
[Listed.]<sup>1</sup> Scandinavia<sup>8</sup>
- 1851 *Delphax moesta* Walker, List Homop. British Mus. 2: 358. France<sup>9</sup>  
[Listed.]<sup>1</sup> Germany<sup>10</sup>
- 1852 *Delphax moesta* Boheman, Handl. Svenska Vet. Akad. 1851: 117. Austria<sup>11</sup>  
[Listed.]<sup>1</sup> Russia<sup>12</sup>
- 1853 *Delphax moesta* Stål, Öfv. Svenska Vet. Akad. Förh. 10: 175. Hungary<sup>13</sup>  
[Comparative note.] Central Europe<sup>14</sup>
- 1854 *Delphax moesta* Stål, Öfv. Svenska Vet. Akad. Förh. 11: 196. [De- Northern  
scribed.]<sup>1</sup> Equals *Delphax collaris* Stål. [error.] Russia<sup>15</sup>
- 1857 *Delphax moesta* Perris, Ann. Soc. Linn. Lyon 4: 170 (90). [Listed.]<sup>9</sup> Central Russia<sup>16</sup>
- 1858 *Delphax moesta* Stål, Öfv. Svenska Vet. Akad. Förh. 15: 357. [Comparative note.]
- 1859 *Delphax moesta* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup> Equals *Delphax collaris* Stål.  
[error.]
- 1859 *Delphax moestae* [sic] Stål, Freg. Eugenie's Resa 4: 275. [Comparative note.]
- 1863 *Delphax moesta* Snellen van Vollenhoven, Tijdschr. Ent. 6: 12. [Notes.]<sup>3</sup>

- 1865 *Delphax moesta* Marshall, Ent. Monthly Mag. 1: 228. To *Delphax albomarginatus* Curt. [error.]
- 1866 *Stiroma moesta* Fieber, Verh. Zool. Bot. Ges. Wien. 16: 522, 532. [Listed.]
- 1866 *Ditropis moesta* Fieber, Verh. Zool. Bot. Ges. Wien. 16: Pl. VIII, Fig. 18. [Illustrated.]
- 1867 *Stiroma moesta* Dallas, Zool. Rec. 3: 561. Equals *Delphax moesta* Boh.
- 1867 *Delphax moesta* Sahlberg, Not. Fennica [n. s.] 8: 232. [Listed.]<sup>4</sup>
- 1868 *Delphax moesta* Sahlberg, Not. Fennica [n. s.] 9 (9): 218. [Notes.]<sup>6</sup> Equals *Delphax collaris* Stål. [error.] :190. [Listed.]<sup>6</sup> :189. [Comparative note.]
- 1870 *Stiroma moesta* Oshanin, Mém. Soc. Amis Sci. Nat. Moscou 6: 46. To *Stiroma albomarginata* Curt. [error.]
- 1870 *Stiroma moesta* Scott, Ent. Monthly Mag. 7: 74. [Key.] :75. [Listed.]<sup>6</sup> :71. Equals [*Delphax*] *moesta* Boh. Equals *D[elphax] thoracicus* [sic] Stål. [error.]
- 1871 *Stiroma moesta* Oshanin, Bull. Imp. Soc. Nat. Hist. Imp. Univ. Moscou 6 (3): 30. To *Stiroma albomarginata* Curt. [error.]
- 1871 *Ditropis moesta* Sahlberg, Not. Fennica [n. s.] 9 (12): 476. Equals *Delphax moesta* Boh.
- 1872 *Stiroma moesta* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>1,7</sup> Equals *Stiroma thoracica* Stål. [error.]
- 1872 *Delphax moesta* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>9</sup>
- 1875 *Stiroma moesta* Puton, Cat. Hémip. d'Europe 2 Ed. :122. [Listed.]<sup>6,8,9,10</sup>
- 1876 *Stiroma moesta* Douglas and Scott, Cat. British Hemip. :70. [Listed.]<sup>6</sup> Equals *Delphax moesta* Boh. Equals *Delphax thoracica* Stål. [error.]
- 1879 *Stiroma moesta* Fieber, Cicad. d'Europe Pt. 4: 156 (92). [Key.]<sup>1,7,10</sup> Equals *Delphax moesta* Boh. Equals *Delphax thoracica* Stål [error.]
- 1880 *Ditropis moesta* Reuter, Medd. Soc. Fauna Fl. Fennica 5: 202. [Listed.]<sup>5</sup>
- 1884 *Stiroma moesta* Mayr, Tabellen :21. [Listed.]<sup>7,10</sup>
- 1885 *Stiroma moesta* Ivanoff, Liste des Cigales :89 (7). [Listed.] :117 (35). [Key.]
- 1886 *Ditropis moesta* Edwards, Syn. British Homop.-Cicadina Pt. 1: 94. To *Stiroma borealis* Sahlb. [error.]
- 1886 *Stiroma borealis* [nec Sahlberg] Edwards, Syn. British Homop.-Cicadina Pt. 1: 94. [Described.]<sup>6</sup> :93. [Key.]
- 1886 *Stiroma moesta* Then, Kat. Österreichischen Cicad. 1886: 16. [Listed.]<sup>7</sup>
- 1886 *Stiroma moesta* Puton, Cat. Hémip. Faune Paléarctique 3 Ed.: 74. [Listed.]<sup>6,8,9,10,11</sup>
- 1886 *Delphax moesta* Edwards, Syn. British Homop.-Cicadina Pt. 1: 93. To *Stiroma albomarginata* Curt. [error.]
- 1890 *Stiroma moesta* Saunders and Edwards, Cat. British Hemiptera :12. To *Stiroma borealis* Sahlb.
- 1890 *Stiroma moesta* Buckton, British Cicadae :70. To *Stiroma borealis* Sahlb.
- 1890 *Ditropis moesta* Buckton, Mon. British Cicadae 3: 70. To *Stiroma borealis* Sahlb. [error.]
- 1890 *Delphax moesta* Buckton, Mon. British Cicadae 3: 69. To *Stiroma albomarginata* Curt. [error.]
- 1892 *Stiroma moesta* Duda, Cat. Ins. Faunae Bohemicae :29. [Listed.]<sup>7</sup>
- 1894 *Stiroma maesta* [sic] Edwards, Hemip.-Homop. British Islands Pt. 3: 74. To *Stiroma borealis* Sahlb. [error.]
- 1894 *Stiroma borealis* [nec Sahlberg] Edwards, Hemip.-Homop. British Islands Pt. 3: 74. [Described.]<sup>6</sup> :73. [Key.]
- 1894 *Stiroma borealis* [nec Sahlberg] Edwards, Hemip.-Homop. British Islands Pt. 2: Pl. 8, Fig. 6a. [Illustrated.]
- 1896 *Delphax moesta* Melichar, Cicad. Mittel-Europa :101. To *Stiroma albomarginata* Curt. [error.]
- 1897 *Stiroma moestae* [sic] Horváth, Term. Füzetek 20: 625. [Comparative note.] Equals *Stiroma boreali* [sic] Sahlb. [error.]
- 1898 *Stiroma moesta* Horváth, Rev. Ent. 17: 280. Equals *Ditropis borealis* Sahlb. [error.] Equals *Delphax moesta* Boh.

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- 1899 *Stiroma moesta* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :109. [Listed.]<sup>5,6,8,9,10,11</sup> Equals *Stiroma borealis* Sahlb. [error.]
- 1904 *Stiroma moesta* Hüeber, Syst. Verz. deutschen Zikadinen :270. [Listed.]<sup>10</sup> Equals *Stiroma borealis* Sahlb. [error.]
- 1907 *Stiroma moesta* Oshanin, Verz. Palaeark. Hemip. 2 (2) :335. [Listed.]<sup>1,5,6,9,10,11,12</sup> Equals *Delphax moesta* Boh. Equals *Ditropis moesta* Fieb. Equals *Ditropis borealis* Sahlb. [error.] Equals *Stiroma borealis* Edw.
- 1907 *Stiroma moesta* Horváth, Ann. Mus. Nar. Hungarici 5: 504. [Listed.]<sup>13</sup>
- 1907 *Stiroma moesta* Oshanin, Cat. Homop. St. Pétersbourg 1907: 248 (36). (Listed.)<sup>12</sup> Equals [*Stiroma*] *borealis* Sahlb. [error.]
- 1908 *Stiroma moesta* Oshanin, Verz. Palaeark. Hemip. 2 (3): 454. [Listed.]<sup>13</sup>
- 1908 *Stiroma maesta* [sic] Saunders and Edwards, Cat. British Hemiptera 1908: 15. [Listed.]<sup>6</sup> Equals *Stiroma borealis* Sahlb. [error.]
- 1910 *Stiroma moesta* Matsumura, Jour. Coll. Sci. Tokyo 27: 38. [Comparative note.]
- 1910 *Stiroma moesta* Oshanin, Ann. Mus. Zool. St. Petersburg 15: 187. [Listed.]<sup>12</sup>
- 1912 *Stiroma moesta* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>14</sup> Equals *Stiroma borealis* Sahlb. [error.]
- 1920 [*Stiroma*] *moesta* Jensen-Haarup, Danmarks Fauna 1920: 64. To *Stiroma albomarginata* Curt. [error.]
- 1920 *Stiroma moesta* Tullgren and Wahlgren, Svenska Insekter 1920: 153. [Notes.]<sup>1</sup>
- 1921 *Stiroma moesta* Lallemand, Bull. Soc. Ent. France 1921: 224. [Note.]
- 1924 *Stiroma moesta* Lindberg, Acta Soc. Fauna Flora Fennica 56: 46. [Listed.]<sup>5</sup> Equals *Stiroma borealis* Sahlb. [error.]
- 1926 *Stiroma moesta* Lindberg, Not. Ent. 6: 77. To *Stiroma albomarginata* Curt. [error.]
- 1928 *Delphax moesta* Sherborn, Index Animalium 15: 3818. [Listed.]
- 1934 *Stiroma moesta* Ossiannilsson, Ent. Tidskr. 55: 139. [Listed.]<sup>1</sup>
- 1935 *Stiroma moesta* Haupt, Tierwelt Mitteleuropas 4 (3): 138. [Key.]
- 1937 *Stiroma moesta* Kuntze, Arch. Nat. [n. f.] 6: 355. [Listed.]<sup>10</sup>
- 1937 *Stiroma moesta* Lindberg, Not. Ent. 17: 61; Fig. 1c. [Comparative note, illustrated.] :29. Equals *Delphax querenda* Flor. [nom. nud.]
- 1939 *Criomorplus moestus* China, Ent. Monthly Mag. 75: 43; Fig. 1a. [Described, illustrated.]<sup>1,5,6,9,10,11,15,16</sup> Equals *Delphax moesta* Boh. Equals *Delphax thoracica* Stål. [error.] Equals *Ditropis moesta* Fieb. Equals *Stiroma borealis* Edw. [Inec Sahlb.] :46. [Key.]

*nigrolineatus* Scott. See *Eurybregma nigrolineata* Scott.

*obscurus* Curtis [nom. nud.]

- 1829 *Delphax obscurus* Curtis, Guide Arrang. British Ins. :194. Great Britain<sup>1</sup> [Listed.]<sup>1,2</sup> [nom. nud.] Ireland<sup>2</sup>
- 1837 *Criomorplus obscurus* Curtis, Guide Arrang. British Ins. Ed. 2: 223. [Listed.]<sup>1</sup> [nom. nud.]
- 1929 *Delphax obscurus* Sherborn, Index Animalium 18: 4487. [Listed.] [nom. nud.]

*pteridis* Spinola. See *Stiroma pteridis* Spinola.

*pygmaea* Curtis [nom. nud.]

- 1829 *Criomorplus pygmaea* Curtis, Guide Arrang. British Ins. :194. Great Britain<sup>1</sup> [Listed.]<sup>1,2</sup> [nom. nud.] Ireland<sup>2</sup>
- 1837 *Criomorplus pygmaeus* Curtis, Guide Arrang. British Ins. Ed. 2: 223. [Listed.]<sup>1</sup> [nom. nud.]
- 1929 *Criomorplus pygmaea* Sherborn, Index Animalium 21: 5325. [Listed.] [nom. nud.]

*ulicis* Curtis [nom. nud.]

- 1837 *Criomorplus ulicis* Curtis, Guide Arrang. British Ins. Ed. 2: 223. Great Britain<sup>1</sup> [Listed.]<sup>1</sup> [nom. nud.]
- 1931 *Criomorplus ulicis* Sherborn, Index Animalium 27: 6708. [Listed.] [nom. nud.]

**williamsi** China

- 1939 *Criomorphus williamsi* China, Ent. Monthly Mag. **75**: 45; Fig. 1d. England<sup>1</sup>  
[n. sp., illustrated.]<sup>1</sup> :46. [Key.]
- 1939 *Criomorphus williamsi* Hassan, Trans. Ent. Soc. London **89**: 354. [Key.] :346.  
[Listed.]<sup>1</sup> :347, 348, 350, 351, 352, 353, 355, 359; Figs. 1A–B, 6A–B. [Life history,  
illustrated.]<sup>1</sup> :360, 365, 366, 372, 373, 374, 375, 376, 379, 381, 382. [Parasites.]

Genus **ANECTOPIA** Kirkaldy

Logotype *Anectopia mandane* 1915 Muir, Canadian Ent. **47**: 261.

- Mestus* 1903 Melichar [nec de Motschulsky], Homop.-Fauna Ceylon :105. [Described.]
- Anectopia* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 143. [gen. n.] :127. [Key.] :13  
[Listed.]
- 1912 Waterhouse, Index Zool. **II**: 16. [Listed.]
- 1915 Muir, Canadian Ent. **47**: 212, 261. [Listed.] :298. [Key.]
- 1917 Muir, Proc. Hawaiian Ent. Soc. **3**: 326. [Listed.]
- 1926 Schulze, Kükenthal and Heider, Nomenclator animalium **1** (2): 174.  
[Listed.]
- 1929 Muir, Ann. Mag. Nat. Hist. (10) **3**: 80. [Listed.]
- 1939 Neave, Nomenclator Zoologicus **1**: 193. [Listed.]

**atrata** Muir

- 1917 *Anectopia atrata* Muir, Proc. Hawaiian Ent. Soc. **3**: 326; Pl. 5, Philippine  
Figs. 22, 22a, 22b. [n. sp., illustrated.]<sup>1,2</sup> Islands<sup>1</sup>  
Luzon<sup>2</sup>

**igerna** Kirkaldy

- 1907 *Anectopia igerna* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: Queensland<sup>1</sup>  
144. [n. sp.]<sup>1</sup> :13. [Listed.]

**mandane** Kirkaldy

- 1903 *Mestus morio* Melichar [nec de Motschulsky], Homop.-Fauna Ceylon<sup>1</sup>  
Ceylon :105; Pl. II, Fig. 15. [Described, illustrated.]<sup>1</sup> Queensland<sup>2</sup>
- 1907 *Anectopia mandane* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**:  
144; Pl. 11, Figs. 11–13, 17; Pl. 14, Figs. 4–6. [n. sp., illustrated.]<sup>2</sup>  
:13. [Listed.]
- 1917 *Anectopia mandane* Muir, Proc. Hawaiian Ent. Soc. **3**: 316, 326. [Notes.]<sup>1,2</sup> Equals  
*Mestus morio* Mel. [nec de Motsch.]

Genus **LIBURNIA** Stål

- Pseudotype *Liburnia (Embolophora) monoceros* 1906 Distant, Fauna  
British India **3**: 480.
- Pseudotype *Liburnia pellucida* 1909 Van Duzee, Bull. Buffalo Soc. Nat.  
Sci. **9**: 201.
- Pseudotype *Liburnia striata* 1912 Van Duzee, Bull. Buffalo Soc. Nat.  
Sci. **10**: 505.
- Pseudotype *Delphax pellucida* 1912 Van Duzee, Bull. Buffalo Soc. Nat.  
Sci. **10**: 504, 505.
- Pseudotype *Embolophora monoceros* 1914 Crawford, Mon. Delpha-  
cidae :603.
- Pseudotype *Liburnia pellucida* 1914 Van Duzee, Psyche **21**: 166.



*Liburnia*

- Pseudotype *Liburnia pellucida* 1915 Bergroth, Canadian Ent. **47**: 216.  
 Pseudotype *Liburnia pellucida* 1915 Muir, Canadian Ent. **47**: 265.  
 Pseudotype *Liburnia pellucida* 1916 Van Duzee, Check List Hemip. America :84.  
 Logotype *Delphax vitticollis* 1917 Muir, Proc. Hawaiian Ent. Soc. **3**: 333.  
 Pseudotype *Liburnia pellucida* 1917 Van Duzee, Cat. Hemip. America :773.  
 Logotype *Delphax vittacollis* [sic] 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 12.  
 Type [*Liburnia*] *vitticollis* 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 19.  
 Pseudotype *Liburnia monoceros* 1925 Hesse, Ann. South African Mus. **23**: 169.  
 Pseudotype *Liburnia pellucida* 1929 Haupt, Zool. Jahrb. Syst. Ökol. **58**: 212.  
 Type *Liburnia vitticollis* 1929 Muir, Ann. Mag. Nat. Hist. -10) **4**: 222.  
 Pseudotype *Liburnia pellucida* 1935 Haupt, Tierwelt Mitteleuropas **4** (3): 131.  
 Logotype *Liburnia vittacollis* [sic] 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 300.

[*Sogata* Distant]

- [Orthotype *Sogata dohertyi* [n. sp.] 1906 Distant, Fauna British India **3**: 471.]  
 [Type *Sogata dohertyi* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 149.]  
 [Type *Sogata* [sic] *dohertyi* 1915 Muir, Canadian Ent. **47**: 267.]  
 [Type *Sogata doughertyi* [sic] 1917 Muir, Proc. Hawaiian Ent. Soc. **3**: 321.]  
 [Type *Sogata dohertyi* 1919 Muir, Canadian Ent. **51**: 8.]  
 [Type *Sogata dohertyi* 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 12.]  
 [Type *Sogata dohertyi* 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands **14**: 242.]

- Liburnia* 1866 Stål, Hemip. Africana **4**: 179. [gen. n.] Equals *Delphax* Auct. Equals *Embolophora* Stål [error.] :176. [Key.]  
 1873 Marschall, Nomenclator Zoologicus **1873**: 369. [Listed.]  
 1876 Uhler, Bull. United States Geol. Geog. Surv. Terr. **1** (5): 351. [Listed.]  
 1878 Uhler, Bull. United States Geol. Geog. Surv. Terr. **4** (2): 510. [Listed.]  
 1879 Berg, An. Soc. Cient. Argentina **8**: 188. Equals *Embolophora* Stål [error.]  
 1882 Scudder, Nomenclator Zoologicus Univ. Index :175. [Listed.]  
 1883 Berg, An. Soc. Cient. Argentina **16**: 237. [Listed.]

- 1884 Mayr, Tabellen :20. To *Delphax* Fieb. [nec Fabr.] [error.] [Synonymy.]
- 1889 Ashmead, Ent. Amer. 5: 26. To *Delphax* Fabr. [error.]
- 1889 Buckton, Entomologist 22: 270. [Listed.]
- 1891 Oshanin, Mém. Sect. caucasienne Soc. russe Geogr. 23 (1): 48. [Listed.] Equals *Delphax* Auct. [error.] :58. [Listed.]
- 1900 Matsumura, Ent. Nachr. 26: 262. [Listed.]
- 1901 Kirkaldy, Entomologist 34: 6. To *Embolophora* Stål [error.] :338, 340. To *Embolophora* [sic] Stål [error.]
- 1902 Kirkaldy, Entomologist 35: 167. [Synonymy.]
- 1903 Henshaw, Psyche 10: 228. [Listed.]
- 1903 Melichar, Homop.-Fauna Ceylon :97, 225. [Listed.]
- 1904 Hüeber, Syst. Verz. deutschen Zikadinen :269. To *Delphax* [nec Fabr.] [error.]
- 1905 Fowler, Biologia Centrali-Americana 1: 133. [Notes.] Equals *Megamelus* Fieb. [error.] Equals *Kelisia* Fieb. [error.] Equals *Stenocranus* Fieb. [error.] :130. [Key.]
- 1906 Distant, Fauna British India 3: 480. [Described.] :466. [Listed.]
- Sogata 1906 Distant, Fauna British India 3: 471. [gen. n.] :465. [Key.]
- Liburnia 1906 Matsumura, Schr. Nat. Ges. Danzig 11: 76.
- Sogata 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 149. [Listed.] To *Delphax* [nec Fabr.] [error.] :138. To *Stenocranus* Fieb. [error.]
- Liburnia 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 150. To *Embolophora* [sic] [error.]
- Delphax* [nec Fabricius] [in part.] 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 149. [Notes, key to Australo-Fijian species.]
- Liburnia 1907 Oshanin, Verz. Palaeark. Hemip. 2 (2): 312. To *Delphax* Fabr. [error.]
- 1908 Bierman, Notes Leyden Mus. 29: 164. [Listed.]
- 1908 Horváth, Ann. Mus. Nat. Hungarici 6: 9. [Listed.]
- 1909 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 9: 200. [Comparative note.] :201. [Taxonomy.]
- 1910 Bierman, Notes Leyden Mus. 33: 40. [Listed.]
- Eiburnia [sic] 1910 Valdes Ragués, An. Acad. Cien. Habana 46: 442. [Listed.]
- Liburnia 1912 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 10: 504, 505. [Synonymy.]
- Sogata 1912 Waterhouse, Index Zool. II: 277. [Listed.]
- 1913 Muir, Proc. Hawaiian Ent. Soc. 2: 247. [Comparative note.]
- Liburnia 1914 Crawford, Mon. Delphacidae :602. To *Megamelus* Fieb. [error.] :603, 604. [Synonymy.] 604. To *Embolophora* Stål. [error.]
- Eiburnia [sic] 1914 Valdes Ragués, Zool. Mus. Cubano "Gundlach" Cat. Gen. :103. [Listed.]
- Liburnia 1915 Bergroth, Canadian Ent. 47: 216. [Discussion of the genotype.]
- Sogata [sic] 1915 Muir, Canadian Ent. 47: 267. [Listed.]
- Sogata 1915 Muir, Canadian Ent. 47: 301. [Key.] :212. [Listed.]
- 1915 Schumacher, Mit. Zool. Mus. Berlin 8: 132. [Listed.]
- 1915 Schumacher, Suppl. Ent. 4: 142. [Listed.]
- Liburnia 1916 Distant, Fauna British India 6: 145. [Listed.]
- Sogata 1916 Distant, Fauna British India 6: 139. [Listed.]
- Delphax* [nec Fabr.] [in part.] 1916 Muir, Philippine Jour. Sci. 11: 385. [Listed.]
- Liburnia 1916 Van Duzee, Check List Hemip. America :84. [Listed.] Equals *Delphacodes* Fieb. [error.] Equals *Embolophora* Kirk. [error.] Equals *Delphax* Latr. [error.]
- 1917 Cockerell, Ann. Ent. Soc. America 10: 329. [Comparative note.]
- 1917 Muir, Proc. Hawaiian Ent. Soc. 3: 332. [Notes.] To *Delphacodes* Fieb. [in part.]
- 1917 Van Duzee, Cat. Hemip. America :773. [Listed.] Equals *Asiraca* Latr. [in part.] Equals *Delphax* Latr. [error.] Equals *Delphacodes*

*Liburnia*

- Fieb. [error.] :774. Equals *Delphacissa* Kirk. [error]. Equals *Megamelus* Crawf. [nec Fieb.] [in part.] Equals *Embolophora* Kirk.
- Sogata* 1917 Muir, Proc. Hawaiian Ent. Soc. 3: 321, 324. [Listed.]  
1919 Muir, Canadian Ent. 51: 8. [Described.] :35. [Comparative note.]  
1919 Muir, Philippine Jour. Sci. 15: 526. [Listed.]
- Liburnia* 1920 Muir, Proc. Linn. Soc. New South Wales 45: 182. [Listed.]
- Sogata* 1920 Rohwer, Proc. United States Nat. Mus. 57: 159. [Parasitized by *Haplogonatopus orientalis* n. sp.] :160. [Parasitized by *Pseudogonatopus sogatea* n. sp.]
- Liburnia* [in part.] 1923 Metcalf, Jour. Elisha Mitchell Soc. 38: 171. [Key to Eastern North American species.]
- Liburnia* 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 12. [Listed.] Equals *Sogata* Distant. :19. [Synonymy.]
- Sogata* 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 3. [Nomenclature.] Equals *Magamelus* [sic]. [in part.] Equals *Kelisia* [in part.] Equals *Liburnia* [in part.] :19. [Synonymy.] :5, 6. [Key.] :12. [Notes.]
- Liburnia* 1925 Hesse, Ann. South African Mus. 23: 169. [Listed.] Equals *Embolophora* Stål. [error.]
- Sogata* 1926 Gowdey, Bull. Dept. Agr. Jamaica Ent. 5: 41. [Listed.]  
1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 25. [Listed.] :20, 23. [Comparative note.]  
1926 Muir, Ann. Mag. Nat. Hist. (9) 17: 32. [Listed.]  
1926 Muir, Jour. Malayan Branch Roy. Asiatic Soc. 4: 399. [Listed.]
- Liburnia* 1927 Ogloblin, Acta Ent. Mus. Prague 4: 139. Equals *Delphax* Osh. [error.]
- Sogata* 1927 Muir, Fulgoroidea of Samoa :12. [Listed.]
- Liburnia* 1928 Ogilvie, Insects of Bermuda 1928: 20. [Listed.]  
1928 Ogilvie, Insects of Bermuda 1928: 20. [Listed.]  
1928 Jacobi, Arkiv Zool. 19 (28): 43. [Note.]
- Sogata* 1929 Muir, Ann. Mag. Nat. Hist. (10) 4: 188, 222. [Synonymy.] :201, 221. [Comparative note.] :207. [Listed.]
- Liburnia* 1929 Muir, Ann. Mag. Nat. Hist. (10) 4: 188, 222. [Synonymy.]  
1930 Weber, Biol. Hemip. :503. [Listed.]  
1931 Schulze, Kükenthal and Heider, Nomenclator Animalium 3 (14): 1838. [Listed.]
- Sogata* 1933 Caresche, Bull. Econ. Indochine 36: 492. [Notes.]
- Liburnia* 1934 Heaton, Bull. Brooklyn Ent. Soc. 29: 114. [Listed.]  
1935 Karl, Dornhiana. 14: 140. [Listed.]  
1935 Bodenheimer, Animal Life in Palestine 1935: 297. [Listed.]  
1935 Wu, Cat. Ins. Sinensium. 2: 118. [Listed.]
- Sogata* 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 234. [Key.] :242. [Listed.]  
1936 Schulze, Kükenthal and Heider, Nomenclator animalium 5 (22): 3206. [Listed.]
- Liburnia* 1936 Lindberg, Comm. Biol. 4 (9): 17. [Listed.]  
1936 Lindberg and Zachvatkin, Arkiv Zool. 29: 18. [Listed.]
- Sogata* 1938 Brimley, Insects of North Carolina 1938: 102. [Listed.]
- Liburnia* 1938 Britton, Bull. Connecticut Geol. Nat. Hist. Surv. 60: 22. [Listed.]  
1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. 82: 280. [Listed.] 280. [Taxonomy.] :300. [Described.] Equals *Sogata* Dist.  
1939 China, Ann. Mag. Nat. Hist. (11) 4: 584. To *Embolophora* Stål. [error.]  
1939 China, Ann. Mag. Nat. Hist. (11) 4: 582, 583. [Nomenclature.]  
1939 Neave, Nomenclator Zoologicus 2: 938. [Listed.]  
1940 Clausen, Entomophagous insects 1940: 392. [Parasites.]
- Sogata* 1940 Neave, Nomenclator Zoologicus 4: 216. [Listed.]

- a* Reuter (var.) [*lugubrina*]. See *Delphacodes lugubrina* var. *albidoflavus* Metcalf.  
*a* Scott (var.) [*scotti*]. See *Kelisia scotti* var. *triangularis* Metcalf.  
*acuministyla* Dozier. See *Delphacodes acuministyla* Dozier.  
*adela* Flor. See *Delphacodes adela* Flor.  
*aemulator* Scott. See *Delphacodes elegantula* Boheman.  
*aemulatrix* Typographical error for *Liburnia aemulator* Scott. See *Delphacodes elegantula* Boheman.  
*akashiensis* Matsumura. See *Delphacodes akashiensis* Matsumura.  
*albicollis* Motschulsky. See *Delphacodes albicollis* Motschulsky.  
*albicollis* Haupt [nec Motschulsky]. See *Delphacodes propinqua* Fieber.  
*albifascia* Matsumura. See *Delphacodes albifascia* Matsumura.  
*albifrons* Fieber. See *Delphacodes albifrons* Fieber.  
*alboarinata* Stål. See *Delphacodes alboarinata* Stål.  
*alboarinata* var. *b* Sahlberg. See *Delphacodes alboarinata* var. *palliata* Metcalf.  
*alboarinata* var. *intermedia* Sahlberg. See *Delphacodes alboarinata* var. *intermedia* Sahlberg.

### albofimbriata Muir

- 1926 *Sogata albofimbriata* Muir, Ann. Mag. Nat. Hist. (9) 17: 33, Figs. Cape Province<sup>1</sup>  
 33, 34. [n. sp., illustrated.]<sup>1</sup>  
 1929 *Sogata albofimbriata* Muir, Ann. Mag. Nat. Hist. (10) 4: 213. [Listed.]<sup>1</sup>

- albofimbriata* Fieber. See *Delphacodes leptosoma* Flor.  
*alboguttata* Melichar. See *Delphacodes alboguttata* Melichar.  
*albolimbata* Kirschbaum. See *Delphacodes leptosoma* Flor.  
*albolineosa* Fowler. See *Liburnia furcifera* Horváth.  
*albolinosa*. Typographical error for *Liburnia albolineosa* Fowler. See *Liburnia furcifera* Horváth.  
*albomarginata* Curtis. See *Criomorpha albomarginatus* Curtis.  
*albomarginata* Melichar. See *Delphacodes albomarginata* Melichar.  
*albomarginata* Buckton [nom. nud.] (var.) See *Delphacodes leptosoma* Flor.  
*albo palliata*. Typographical error for *Liburnia albolineosa* Fowler. See *Liburnia furcifera* Horváth.  
*albo pallista*. Typographical error for *Liburnia albolineosa* Fowler. See *Liburnia furcifera* Horváth.  
*albosignata* Dahlbom. See *Achorotile albosignata* Dahlbom.  
*albostrata* Fieber. See *Delphacodes albostrata* Fieber.

### albovittata Matsumura

- 1931 *Liburnia albovittata* Matsumura, 6000 Ill. Ins. Japan Empire Japan<sup>1</sup>  
 :1268. [n. sp., illustrated.]<sup>1</sup> China<sup>2</sup>  
 1932 *Sogata* [sic] *albovittata* Esaki, Iconographia Insectorum Japoni- Formosa<sup>3</sup>  
 corum :1784. [Described, illustrated.]<sup>1</sup> India<sup>4</sup>  
 1932 *Sogata* [sic] *albovittata* Esaki, Short Course Lectures, Leaf-hoppers Federated  
 :7. [Listed.]<sup>1</sup> Malay States<sup>5</sup>  
 1932 *Liburnia (Delphax) albovittata* Matsumura, Consp. Japanese Inj. Ins. 1932: 226. [Economics.]<sup>1</sup>  
 1933 *Liburnia albovittata* Hsu, Yearbook Bur. Ent. Hangchow 1932: 333. [Listed.]<sup>2</sup>  
 1935 *Liburnia albovittata* Cheo, Peking Nat. Hist. Bull. 10: 107. [Food plants.]<sup>1,2,3,4,5</sup>

- alexanderi* Metcalf. See *Delphacodes alexanderi* Metcalf.

### algebra Kirkaldy

- 1907 *Delphax algebra* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 161; Queensland<sup>1</sup>



*Liburnia*

Pl. 10, Figs. 16, 17; Pl. 15, Figs. 15, 16. [n. sp., illustrated.]<sup>1</sup> :151.  
[Key.] :13. [Listed.] :162. [Comparative note.]

*alpina* var. *b* Sahlberg. See *Delphacodes alpina* var. *griseoflavescens* Metcalf.

*alpina* var. *c* Sahlberg. See *Delphacodes alpina* var. *dorsoflava* Metcalf.

*alpina* var. *d* Sahlberg. See *Delphacodes alpina* var. *nigrovariegata* Metcalf.

*alpina* var. *f* Sahlberg. See *Delphacodes alpina* var. *tota* Metcalf.

*alpina* var. *e* Sahlberg. See *Delphacodes alpina* var. *grisescens* Metcalf.

*alpina* Sahlberg. See *Delphacodes alpina* Sahlberg.

*analis* Crawford. See *Delphacodes analis* Crawford.

*andromeda* Van Duzee. See *Delphacodes andromeda* Van Duzee.

*andromeda* Van Duzee [in part.] See *Delphacodes nigrifacies* Muir.

*angara* Kusnezov. See *Delphacodes angara* Kusnezov.

**anomala** Muir

1926 *Sogata anomala* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 27; Pl. Brazil<sup>1</sup>  
4, Figs. 81, 83. [n. sp., illustrated.]<sup>1</sup>

**antennata** Jacobi

1910 *Liburnia antennata* Jacobi, Zool. Exp. Kilimandjaro :112; Pl. 1, Tanganyika  
Fig. 38. [n. sp., illustrated.]<sup>1</sup> :98. [Listed.]<sup>1</sup> Territory<sup>1</sup>

*anthracina* Horváth. See *Delphacodes anthracina* Horváth.

*apicalis* Curtis [nom. nud.] See *Delphacodes leptosoma* Flor.

*apicimaculata* Fowler. See *Kormus apicimaculus* Fowler.

*apicimaculata*. Typographical error for *Liburnia apicimacula* Fowler. See *Kormus apicimaculus* Fowler.

**approximata** Crawford

1914 *Megamelus approximatus* Crawford, Mon. Delphacidae :622; Pl. Nicaragua<sup>1</sup>  
49, Fig. F. [n. sp., illustrated.]<sup>1</sup> :607. [Key.] :630. [Comparative Puerto Rico<sup>2</sup>  
note.]

1923 *Sogata* [sic] *approximata* Wolcott, Jour. Dept. Agr. Porto Rico **7**: 273. [Listed.]<sup>2</sup>

1924 *Sogata approximata* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc.  
15: 15; Pl. 4, Fig. 61; Pl. 6, Fig. 130. [Described, illustrated.]<sup>1,2</sup> Equals *Megamelus*  
*approximatus* Crawford.

1926 *Sogata approximatus* [sic] Muir, Ann. Mag. Nat. Hist. (9) **17**: 34. [Comparative  
note.]

1929 *Sogata approximata* Osborn, Jour. Dept. Agr. Porto Rico **13**: 111. [Listed.]<sup>2</sup>

1935 *Sogata approximata* Osborn, Sci. Surv. Porto Rico and Virgin Islands **14**: 245. [De-  
scribed.]<sup>2</sup> Equals *Megamelus approximatus* Crawford.

1936 *Sogata approximata* Wolcott, Jour. Agr. Univ. Puerto Rico **20**: 108. [Listed.]<sup>2</sup>

*arvensis* Fitch. See *Delphacodes arvensis* Fitch.

**astyanax** Kirkaldy

1907 *Delphax astyanax* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: New South  
161; Pl. 10, Fig. 20; Pl. 14, Figs. 13-15. [n. sp., illustrated.]<sup>1</sup> :151. Wales<sup>1</sup>  
[Key.] :13. [Listed.]

*atrior* Fowler. See *Delphacodes atrior* Fowler.

**atromaculata** Distant

1916 *Liburnia atromaculata* Distant, Fauna British India **6**: 145. India<sup>1</sup>  
[n. sp.]<sup>1</sup>

*aubei* Perris. See *Delphacodes aubei* Perris.

### aurantii Crawford

- 1914 *Megamelus aurantii* Crawford, Mon. Delphacidae :628; Pl. 48, Brazil<sup>1</sup>  
Figs. C, G. [n. sp., illustrated.]<sup>1</sup> :605. [Key.] Guatemala<sup>2</sup>
- 1922 *Stenocranus hinei* Dozier, Ohio Jour. Sci. 22: 78; Pl. I, Figs. 6a-c. Ecuador<sup>3</sup>  
[n. sp., illustrated.]<sup>2</sup> :71. [Key.] :81. [Note.] British Guiana<sup>4</sup>
- 1924 *Sogata aurantii* Muir and Giffard, Bull. Hawaiian Sugar Pl. Cuba<sup>5</sup>  
Assoc. 15: 16; Pl. 4, Fig. 50. [Notes, illustrated.]<sup>1,2</sup> Equals *Steno-* Porto Rico<sup>6</sup>  
*cranus hinei* Doz. Equals *Megamelus aurantii* Crawf.
- 1926 *Sogata aurantii* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 25. [Notes.]<sup>1,2,3,4</sup> Equals
- 1926 *Sogata aurantii* Osborn, Ann. Ent. Soc. America 19: 359. [Notes.]<sup>5</sup> Equals *Stenocranus*  
*hinei* Doz.
- 1926 *Sogata aurantii* Osborn, Sci. Contr. Trop. Pl. Res. Found. 2: 359. [Notes.]<sup>2,5</sup> Equals  
*Stenocranus hinei* Doz.
- 1935 *Sogata aurantii* Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 244. [De-  
scribed.]<sup>6</sup> Equals *Megamelus aurantii* Crawf. Equals *Stenocranus hinei* Doz.
- 1936 *Sogata aurantii* Wolcott, Jour. Agr. Univ. Puerto Rico 20: 108. [Listed.]<sup>6</sup>

*avensis*. Typographical error for *Liburnia arvensis* Fitch. See *Delphacodes arvensis* Fitch.

*axillaris* Sahlberg. See *Delphacodes* [?] *axillaris* Sahlberg.

*b* Sahlberg (var.) [*albocarinata*]. See *Delphacodes albocarinata* var. *palliata* Metcalf.

*b* Sahlberg (var.) [*alpina*]. See *Delphacodes alpina* var. *griseoflavescens* Metcalf.

*b* Sahlberg (var.) [*bohemani*]. See *Delphacodes stáli* var. *flavialis* Metcalf.

*b* Sahlberg (var.) [*brevipennis*]. See *Delphacodes brevipennis* var. *sordidella* Metcalf.

*b* Sahlberg (var.) [*denticauda*]. See *Delphacodes denticauda* var. *palliditestacea* Metcalf.

*b* Sahlberg (var.) [*flaveola*]. See *Delphacodes flaveola* var. *dorsoinfusata* Metcalf.

*b* Reuter (var.) [*forcipata*]. See *Delphacodes forcipata* var. *dorsigera* Metcalf.

*b* Sahlberg (var.) [*lugubrina*]. See *Delphacodes lugubrina* var. *piceonigra* Metcalf.

*b* Sahlberg (var.) [*obsurella*]. See *Delphacodes obsurella* var. *fuscotestacea* Metcalf.

*b* Sahlberg (var.) [*pellucida*]. See *Delphacodes pellucida* var. *bilineata* Metcalf.

*b* Sahlberg (var.) [*pullula*]. See *Delphacodes pullula* var. *basiflavus* Metcalf.

*b* Scott (var.) [*scotti*]. See *Kelsia fasciata* var. *nigra* Metcalf.

*b* Sahlberg (var.) [*sordidula*]. See *Delphacodes sordidula* var. *sahlbergi* Metcalf.

*basalis* Matsumura. See *Delphacodes basalis* Matsumura.

*basifusca* Fowler. See *Dicranotropis basifusca* Fowler.

*basilinea* Germar. See *Euidella basilinea* Germar.

*basivitta* Van Duzee. See *Delphacodes basivitta* Van Duzee.

### beli Kusnezov

- 1929 *Liburnia beli* Kuznezov, Wien. Ent. Zeit. 46: 164. [Comparative note.] [nom. nud.]  
*bergi* Scott. See *Delphacodes bergi* Scott.

### biangulata Muir

- 1929 *Sogata biangulata* Muir, Ann. Mag. Nat. Hist. (10) 3: 84; Figs. 20, Argentina<sup>1</sup>  
21, 22. [n. sp., illustrated.]<sup>1</sup>

*biarmica* Sahlberg. See *Delphacodes biarmica* Sahlberg.

*bohemani* Fieber (var.). See *Delphacodes dalei* var. *brunnea* Metcalf.

*bohemani* Stål [1854]. See *Brixia bohemani* Stål Family CIXIIDAE Fascicle IV, Part 2.

*Liburnia*

- bohemani* Stål 1858 [nec 1854]. See *Delphacodes stáli* Metcalf.  
*bohemani* var. *b.* Sahlberg. See *Delphacodes stáli* var. *flavalis* Metcalf.  
*bohemanni*. Typographical error for *Liburnia dalei* var. *bohemani* Fieber. See *Delphacodes dalei* var. *brunnea* Metcalf.  
*bohemanni*. Typographical error for *Liburnia bohemani* Stål. See *Delphacodes stáli* Metcalf.  
*boldi* Scott. See *Delphacodes boldi* Scott.  
*borealis* Sahlberg. See *Stiroma borealis* Sahlberg.

**brazilensis** Muir

- 1926 *Sogata brazilensis* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 26; Brazil<sup>1</sup>  
 Pl. 4, Figs. 72-74. [n. sp., illustrated.]<sup>1</sup>

**breviceps** Dozier

- 1922 *Stenocranus breviceps* Dozier, Ohio Jour. Sci. 22: 76; Pl. I, Figs. Mississippi<sup>1</sup>  
 1a, b. [n. sp., illustrated.]<sup>1</sup>:71. [Key.]:78. [Comparative note.]:81.  
 [Note.]  
 1923 *Stenocranus breviceps* Metcalf, Jour. Elisha Mitchell Soc. 38: 148. To *Liburnia slossoni* Ball [error.]  
 1924 *Sogata breviceps* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 12. Equals *Stenocranus breviceps* Dozier.

- brevipennis* Boheman. See *Delphacodes brevipennis* Boheman.  
*brevipennis* var. *b* Sahlberg. See *Delphacodes brevipennis* var. *sardidella* Metcalf.  
*burjata* Kusnezov. See *Delphacodes burjata* Kusnezov.  
*c* Sahlberg (var.) [*alpina*]. See *Delphacodes alpina* var. *dorsoflava* Metcalf.  
*c* Sahlberg (var.) [*forcipata*]. See *Delphacodes forcipata* var. *angustata* Metcalf.  
*c* Reuter (var.) [*lugubrina*]. See *Delphacodes lugubrina* var. *bimacula* Metcalf.  
*c* Sahlberg (var.) [*pullula*]. See *Delphacodes pullula* var. *infusata* Metcalf.  
*campestris* Van Duzee. See *Delphacodes campestris* Van Duzee.  
*capensis* Muir (var.). See *Liburnia fucifera* var. *capensis* Muir.  
*capnodes* Scott. See *Delphacodes capnodes* Scott.

**centralis** Signoret

- 1860 *Cixius centralis* Signoret, Ann. Soc. Ent. France (3) 8: 186; Pl. 4, Madagascar<sup>1</sup>  
 Fig. 2. [n. sp., illustrated.]<sup>1</sup> Ile of Bourbon<sup>2</sup>  
 1866 *Liburnia centralis* Stål, Hemip. Africana 4: 180. [Described.]<sup>2</sup> (Indian Ocean)  
 Equals *Cixius centralis* Sign. Somaliland<sup>3</sup>  
 1895 *Liburnia centralis* Carlini, Ann. Mus. Genova (2) 15: 124 (20).  
 [Listed.]<sup>3</sup> Equals *Cixius centralis* Signoret.

- ceylanica* Jensen-Haarup. See *Delphacodes kahavalu* Kirkaldy.  
*circumcincta* Van Duzee. See *Delphacodes detecta* Van Duzee.  
*clypealis* Sahlberg. See *Delphacodes clypealis* Sahlberg.  
*cognata* Fieber. See *Delphacodes aubei* Perris.  
*cognata* Berg [nec Fieber]. See *Delphacodes bergi* Scott.  
*collina* Boheman. See *Delphacodes collina* Boheman.  
*collina* Flor [nec Boheman.] See *Delphacodes pallens* Stål.  
*colocasiae* Matsumura. See *Delphacodes colocasiae* Matsumura.  
*colorata* Motschulsky. See *Liburnia* [?] *colorata* Motschulsky.  
*concina*. Typographical error for *Liburnia concinna* Fieber. See *Delphacodes collina* Boheman.

- concinna* Fieber. See *Delphacodes collina* Boheman.  
*concolor* Fieber. See *Delphacodes concolor* Fieber.  
*consanguinea* Scott. See *Delphacodes distincta* Flor.  
*consimilis* Van Duzee. See *Delphacodes consimilis* Van Duzee.  
*consimilis*. Typographical error for *Liburnia consimilis* Van Duzee. See *Delphacodes consimilis* Van Duzee.  
*constricta* Crawford. See *Prokelisia constricta* Crawford.  
*convventzi* Matsumura. See *Delphacodes convventzi* Matsumura.  
*cornigera* Kusnezov. See *Delphacodes cornigera* Kusnezov.

**cubana** Crawford

- 1914 *Dicranotropis cubanus* [sic] Crawford, Mon. Delphacidae :595. Cuba<sup>1</sup>  
 [n. sp.]<sup>1</sup> :594. [Key.] New Jersey<sup>2</sup>  
 1917 *Diedranotropis* [sic] *cubana* Weiss, Ent. News 28: 215. [Listed.]<sup>2</sup> Nigeria<sup>3</sup>  
 1920 *Megamelus flavolineatus* Muir, Bull. Ent. Res. 10: 143; Figs. 8a-c. Puerto Rico<sup>4</sup>  
 [n. sp., illustrated.]<sup>3</sup>  
 1921 *Megamelus flavolineatus* Wolcott, Jour. Dept. Agr. Porto Rico 5: 18; Fig. 3. [Economics, illustrated.]<sup>4</sup>  
 1922 *Megamelus flavolineatus* Giffard, Proc. Hawaiian Ent. Soc. 5: 104. [Note.]  
 1923 *Sogata* [sic] *cubanus* Wolcott, Jour. Dept. Agr. Porto Rico 7: 273. [Listed.]<sup>4</sup> Equals  
*Megamelus flavolineatus* Muir.  
 1924 *Sogata cubanus* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 12; Pl. 6,  
 Fig. 119. [Notes, illustrated.]<sup>1,3,4</sup> Equals *Dicranotropis cubanus* Crawf. Equals  
*Megamelus flavolineatus* Muir. :6. [Note.]  
 1926 *Sogata cubana* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 26, 27, 28. [Comparative  
 notes.]  
 1926 *Peregrinus cubana* Osborn, Sci. Contr. Trop. Pl. Res. Found. 2: 358. [Notes.]<sup>1</sup>  
 1926 *Sogata cubana* Osborn, Sci. Contr. Trop. Pl. Res. Found. 2: 359. [Listed.]<sup>1</sup>  
 1926 *Sogata cubana* Osborn, Ann. Ent. Soc. America 19: 359. [Listed.]<sup>1</sup>  
 1926 *Peregrinus cubana* Osborn, Ann. Ent. Soc. America 19: 358. [Notes.]<sup>1</sup>  
 1929 *Sogata cubana* Muir, Ann. Mag. Nat. Hist. (10) 4: 212. [Listed.]<sup>1,3,4</sup> Equals *Dicranotropis cubanus* Crawf. Equals *Megamelus flavolineatus* Muir.  
 1929 *Sogata* [sic] *cubanus* Osborn, Jour. Dept. Agr. Porto Rico 13: 111. [Listed.]<sup>4</sup>  
 1935 *Sogata cubana* Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 243. [Described.]<sup>4</sup>  
 Equals *Dicranotropis cubanus* Crawf. Equals *Megamelus flavolineatus* Muir.  
 1936 *Sogata cubana* Wolcott, Jour. Agr. Univ. Puerto Rico 20: 108. [Listed.]<sup>4</sup>

**cubana** var. *pallida* Osborn

- 1935 *Sogata cubana pallida* Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 243. [n. var.]<sup>1</sup>  
 1936 *Sogata cubana pallida* Wolcott, Jour. Agr. Univ. Puerto Rico 20: 108. [Listed.]<sup>1</sup>

*culta* Van Duzee. See *Delphacodes culta* Van Duzee.

*curtula* Sahlberg. See *Megamelus venosus* Germar.

*d* Sahlberg (var.) [*alpina*]. See *Delphacodes alpina* var. *nigrovariegata* Metcalf.

*d* Sahlberg (var.) [*forcipata*]. See *Delphacodes forcipata* var. *rufescens* Metcalf.

*dalei* Scott. See *Delphacodes dalei* Scott.

*dalei* var. *bohemani* Fieber. See *Delphacodes dalei* var. *brunnea* Metcalf.

*denticanda*. Typographical error for *Liburnia denticanda* Boheman. See *Delphacodes denticanda* Boheman.

*denticanda* Boheman. See *Delphacodes denticanda* Boheman.

*denticanda* var. *b* Sahlberg. See *Delphacodes denticanda* var. *palliditestacea* Metcalf.

*denticanda* Melichar [nec Boheman.]. See *Delphacodes oxyura* Haupt.



*Liburnia*

- detecta* Van Duzee. See *Delphacodes detecta* Van Duzee.  
*devastans* Matsumura. See *Delphacodes striatella* Fallén.  
*difficilis* Edwards. See *Delphacodes difficilis* Edwards.  
*difficillis*. Typographical error for *Liburnia difficilis* Edwards. See *Delphacodes difficilis* Edwards.  
*dimidiatifrons* Kusnezov. See *Delphacodes dimidiatifrons* Kusnezov.  
*discolor* Boheman. See *Delphacodes discolor* Boheman.  
*discreta* Edwards. See *Delphacodes discreta* Edwards.  
*dispar* Fallén. See *Delphacodes pellucida* Fabricius.  
*dispar* Fallén (var.). See *Delphacodes pellucida* Fabricius.  
*dispar* Herrich-Schäffer [nec Fallén]. See *Delphacodes fairmairei* Perris.  
*distincta* Flor. See *Delphacodes distincta* Flor.  
*distincta* Edwards [nec Flor]. See *Delphacodes albocarinata* Stål.  
*distinguenda* Kirschbaum. See *Delphacodes distinguenda* Kirschbaum.  
*distinguenda* Sahlberg [nec Kirschbaum]. See *Delphacodes albostrata* Fieber.  
*distinguenda*. Typographical error for *Liburnia distinguenda* Kirschbaum. See *Delphacodes distinguenda* Kirschbaum.  
*distinguenda*. Typographical error for *Liburnia distinguenda* Sahlberg [nec Kirschbaum]. See *Delphacodes albostrata* Fieber

**dohertyi** Distant

- 1906 *Sogata dohertyi* Distant, Fauna British India 3: 471; Fig. 258. Burma<sup>1</sup>  
 [n. sp., illustrate.]<sup>1</sup> Formosa<sup>2</sup>  
 1915 *Sogata dohertyi* Schumacher, Mitt. Zool. Mus. Berlin 8: 132.  
 [Listed.]<sup>1,2</sup>  
 1915 *Sogata dohertyi* Schumacher, Suppl. Ent. 4: 142. [Listed.]<sup>1,2</sup>  
 1916 *Sogata dohertyi* Distant, Fauna British India 6: 139. [Comparative note.]<sup>1</sup>  
 1919 *Sogata dohertyi* Muir, Canadian Ent. 51: 8. [Listed.]  
 1919 *Sogata dohertyi* Muir, Philippine Jour. Sci. 15: 527. [Comparative note.]  
 1924 *Sogata dohertyi* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 12. [Comparative note.]

*dolera* Spooner. See *Delphacodes dolera* Spooner.

*dorsalis* Fitch. See *Stenocranus dorsalis* Fitch.

*dorsilinea* Van Duzee. See *Eurysa dorsilinea* Van Duzee.

*douglasi* Scott. See *Eurysa douglasi* Scott.

*dubia* Kirschbaum [nec Panzer]. See *Delphacodes pellucida* Fabricius.

*e* Sahlberg (var.) [*alpina*]. See *Delphacodes alpina* var. *grisescens* Metcalf.

*elegantula* Boheman. See *Delphacodes elegantula* Boheman.

*elymi* Jensen-Haarup. See *Delphacodes excisa* Melichar.

**eupompe** Kirkaldy

- 1907 *Delphax eupompe* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: New South  
 162; Pl. 10, Figs. 3, 4; Pl. 12, Figs. 16-18. [n. sp., illustrated.]<sup>1,3,5</sup> Wales<sup>1</sup>  
 :150. [Key.] Luzon<sup>2</sup>  
 1916 *Delphax eupompe* Muir, Philippine Jour. Sci. 11: 385. [Listed.]<sup>1,2,3</sup> Fiji<sup>3</sup>  
 1927 *Sogata eupompe* Muir, Fulgoroidea of Samoa :12. [Notes.]<sup>3,4,5</sup> Samoa<sup>4</sup>  
 Equals *Delphax eupompe* Kirk. Queensland<sup>5</sup>  
 1927 *Sogata eupompe* Muir, Ann. Mag. Nat. Hist. (9) 20: 87. [Listed.]<sup>6</sup> Tahiti<sup>6</sup>  
 (Low Archipelago)

- excisa* Melichar. See *Delphacodes excisa* Melichar.  
*exiga*. Typographical error for *Liburnia exigua* Boheman. See *Delphacodes exigua* Boheman.  
*exigua* Boheman. See *Delphacodes exigua* Boheman.  
*exigua* var. *lugubrinae* Fieber. See *Delphacodes exigua* var. *arida* Metcalf.  
*extrusa* Scott. See *Delphacodes fairmairei* Perris.  
*f* Sahlberg (var.) [*alpina*]. See *Delphacodes alpina* var. *tota* Metcalf.  
*fairmairei* Perris. See *Delphacodes fairmairei* Perris.  
*fairmairei*. Typographical error for *Liburnia fairmairei* Perris. See *Delphacodes fairmairei* Perris.  
*farinosa* Buckton. See *Stenocranus minutus* Fabricius.  
*fascicollis*. Typographical error for *Liburnia pellucida* var. *fascicollis* Rey. See *Delphacodes pellucida* var. *fascicollis* Rey.  
*ferruginea* Kirschbaum. See *Delphacodes spinosa* Fieber.  
*fieberi* Scott. See *Delphacodes fieberi* Scott.  
*flaaeola*. Typographical error for *Liburnia flaveola* Flor. See *Delphacodes flaveola* Flor.  
*flaveola* Flor. See *Delphacodes flaveola* Flor.  
*flaveola* var. *b* Sahlberg. See *Delphacodes flaveola* var. *dorsoinfuscata* Metcalf.  
*flavescens* Fabricius. See *Delphacodes pellucida* Fabricius.  
*flaviceps* Fieber. See *Delphacodes flaviceps* Fieber.

### flaviceps Muir

- 1929 *Sogata flaviceps* Muir, Ann. Mag. Nat. Hist. (10) 4: 210; Figs. 34- 38. [n. sp., illustrated.]<sup>1</sup>

- flavida* Melichar. See *Delphacodes flavida* Melichar.  
*flavida*. Typographical error for *Liburnia flaveola* Flor. See *Delphacodes flaveola* Flor.

### flavina Melichar

- 1914 *Sogata flavina* Melichar, Notes Leyden Mus. 37: 110. [n. sp.]<sup>1</sup> Java<sup>1</sup>

- flaviola*. Typographical error for *Liburnia flaveola* Flor. See *Delphacodes flaveola* Flor.  
*flavipennis* Sahlberg. See *Delphacodes flavipennis* Sahlberg.  
*fluvialis* Van Duzee. See *Eurysa kormusi* Crawford.  
*forcipata* Boheman. See *Delphacodes forcipata* Boheman.  
*forcipata* var. *b* Sahlberg. See *Delphacodes forcipata* var. *dorsigera* Metcalf.  
*forcipata* var. *c* Sahlberg. See *Delphacodes forcipata* var. *angustata* Metcalf.  
*forcipata* var. *d* Sahlberg. See *Delphacodes forcipata* var. *rufescens* Metcalf.  
*foveata* Van Duzee. See *Delphacodes foveata* Van Duzee.  
*frontalis* Kirschbaum. See *Delphacodes frontalis* Kirschbaum.  
*frontalis* Melichar [nec Kirschbaum]. See *Delphacodes sinhalana* Kirkaldy.  
*fulveola* Kirschbaum. See *Delphacodes flaveola* Flor.  
*fulvidorsum* Metcalf. See *Delphacodes fulvidorsum* Metcalf.  
*fumipennis* Fieber. See *Delphacodes fumipennis* Fieber.  
*fumipennis* Melichar. See *Delphacodes melichari* Kirkaldy.

### furca Bierman

- 1998 *Liburnia furca* Bierman, Notes Leyden Mus. 29: 164; Pl. 4, Fig. 10. [n. sp., illustrated.]<sup>1</sup>

- furcata* Provancher. See *Delphacodes furcata* Provancher.

*Liburnia**furcifera* Horváth

- 1899 *Delphax furcifera* Horváth, Term. Füzetek 22: 372; Fig. 1. [n. sp., illustrated.]<sup>1</sup> :366. [Listed.]<sup>1</sup> Japan<sup>1</sup>  
Ceylon<sup>2</sup>
- 1900 *Liburnia furcifera* Matsumura, Ent. Nachr. 26: 262. [Listed.]<sup>1</sup> Mexico<sup>3</sup>  
Equals *Delphax fucifera* Horv. Sicily<sup>4</sup>
- 1903 *Liburnia furcifera* Melichar, Homop.-Fauna Ceylon :104. Pl. II, Indo China<sup>5</sup>  
Fig. 16. [Described, illustrated.]<sup>1,2</sup> Equals *Delphax furcifera* Horv. Oriental Region<sup>6</sup>  
:225. [Listed.]<sup>2</sup> Jamaica<sup>7</sup>
- 1904 *Liburnia furcifera* Busse, Arb. Biol. Land Forst. Ges. 4: 355. Queensland<sup>8</sup>  
[Listed.]<sup>1</sup> Egypt<sup>9</sup>
- 1905 *Liburnia albolineosa* Fowler, Biologia Centrali-Americana 1: 135; Florida<sup>10</sup>  
Pl. 13, Figs. 14, 14a, b. [n. sp., illustrated.]<sup>3</sup> Bermuda<sup>11</sup>
- 1906 *Liburnia furcifera* Distant, Fauna British India 3: 487. [De- West Indies<sup>12</sup>  
scribed.]<sup>1,2</sup> Equals *Delphax furcifera* Horv. Formosa<sup>13</sup>
- 1907 *Delphax furcifera* Matsumura, Annot. Zool. Japonenses 6: 84, 86, India<sup>14</sup>  
88, 89. [Listed.]<sup>1</sup> Nicaragua<sup>15</sup>
- 1907 *Delphax furcifera* Oshanin, Verz. Paläark. Hemip. 2 (2): 315. Cuba<sup>16</sup>  
[Listed.]<sup>1,2,4,5,6</sup> Equals *Liburnia furcifera* Horv. Southern  
States<sup>17</sup>
- 1907 *Liburnia albolineosa* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 8: 47. Louisiana<sup>18</sup>  
[Notes.]<sup>7</sup> Kenya<sup>19</sup>
- 1908 *Delphax furcifera* Matsumura, Jour. Coll. Sci. Tokyo 23: 2. Philippine  
[Listed.]<sup>9</sup> Islands<sup>20</sup>
- 1909 *Liburnia albolineosa* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 9: Fiji<sup>21</sup>  
203. [Notes.]<sup>7,10</sup> Amboyna  
1909 *Liburnia albolineosa* Van Duzee, Canadian Ent. 41: 128. Malaysia<sup>22</sup>  
[Listed.]<sup>3,10,11,12</sup> Ceram<sup>23</sup>
- 1910 *Delphax furcifera* Matsumura, Schädlichen und nützlichen Ins. China<sup>24</sup>  
Formosas :17; Pl. XVI, Fig. 5; Pl. XIV, Figs. 2, 2a-b, 3. [Listed, Seychelles  
illustrated.]<sup>1,13,14,24,26,43</sup> Islands<sup>25</sup>
- 1910 *Delphax furcifera* Matsumura, Jour. Coll. Sci. Tokyo 27: 31, 32, (Indian Ocean)  
34. [Comparative note.] Africa<sup>26</sup>
- 1910 *Delphax furcifera* Matsumura, Zeits. Wiss. Insektenbiol. 6: 104. Nigeria<sup>27</sup>  
[Listed.]<sup>13</sup> Malay  
1910 *Delphax furcifera* Shiraki. [Injurious Insects of Formosa.] 1: 64; Peninsula<sup>28</sup>  
Pl. 41, Fig. 8. [Economics, illustrated.]<sup>13</sup> Central  
1910 *Eiburnia* [sic] *albopalliat*a [sic] Valdes Ragués, An. Acad. Cien. America<sup>29</sup>  
Habana 46: 442. [Listed.]<sup>10</sup> Brazil<sup>30</sup>
- 1912 *Sogata distincta* Distant, Ann. Mag. Nat. Hist. (8) 9: 191. [n. sp.]<sup>14</sup> Ecuador<sup>31</sup>  
:192. [Comparative note.] British Guiana<sup>32</sup>
- 1912 *Delphax furcifera* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>1,4,6</sup> Madeira Island<sup>33</sup>
- 1912 *Sogata pallescens* Distant, Ann. Mag. Nat. Hist. (8) 9: 192. Cape Province<sup>34</sup>  
[n. sp.]<sup>2,14</sup> Natal<sup>35</sup>
- 1913 *Liburnia furcifera* Reh, Sorauer's Handbuch der Pflanzenkrank- Puerto Rico<sup>36</sup>  
heiten 3: 644. [Economics.]<sup>1,2,4,5</sup> Sebesi<sup>37</sup>
- 1914 *Megamelus abolineosus* Crawford, Mon. Delphacidae :610; Pl. 48, (East Indies)  
Fig. N. [Described, illustrated.]<sup>3,15,16</sup> :604, 608. [Key.] Korea<sup>38</sup>
- 1914 *M[egamelus] abolineosa* [sic] Crawford, Mon. Delphacidae :629. Riukiu Islands<sup>39</sup>  
[Comparative note.] Siberia<sup>40</sup>
- 1914 *Eiburnia* [sic] *albopallista* [sic] Valdes Ragués, Zool. Mus. Cubano South Europe<sup>41</sup>  
"Gundlach" Cat. Gen. 1914: 103. [Listed.]<sup>16</sup> Manchuria<sup>42</sup>
- 1914 *Liburnia albolineosa* Barber, Bull. American Mus. Nat. Hist. 33: Europe<sup>43</sup>  
529. [Listed.]<sup>10</sup> Sumatra<sup>44</sup>
- 1915 *Delphax furcifera* Schumacher, Mitt. Zool. Mus. Berlin 8: 134. Panba<sup>45</sup>  
[Listed.]<sup>1,2,4,5,13</sup> (Zanzibar)
- 1916 *Liburnia albolineosa* Van Duzee, Check List Hemip. America :84. South Africa<sup>46</sup>  
[Listed.]<sup>17</sup>

- 1916 *Sogata distincta* Distant, Fauna British India 6: 140. [Described.]<sup>2,14</sup> East Africa<sup>47</sup>  
Canal Zone<sup>48</sup>
- 1916 *Sogata pallescens* Distant, Fauna British India 6: 140. [Described.]<sup>2,14</sup> North Carolina<sup>49</sup>  
Costa Rica<sup>50</sup>
- 1917 *Opiconsiva colorata* Distant, Trans. Linn. Soc. London Zool. 17: 301; Pl. 50, Figs. 11, 11a. [n. sp., illustrated.]<sup>25</sup> Java<sup>51</sup>
- 1917 *Opiconsiva insularis* Distant, Trans. Linn. Soc. London Zool. 17: 303; Pl. 50, Figs. 12, 12a. [n. sp., illustrated.]<sup>25</sup>
- 1917 *Opiconsiva derelicta* Distant, Trans. Linn. Soc. London Zool. 17: 303; Pl. 50, Figs. 13, 13a. [n. sp., illustrated.]<sup>25</sup>
- 1917 *Opiconsiva balteata* Distant, Trans. Linn. Soc. London Zool. 17: 302; Pl. 51, Figs. 8, 8a. [n. sp., illustrated.]<sup>25</sup>
- 1917 *Sogata distincta* Fletcher, Proc. Ent. Con. Pusa 2: 177. [Listed.]<sup>14</sup>
- 1917 *Sogata pallescens* Fletcher, Proc. Ent. Con. Pusa 2: 177. [Listed.]<sup>14</sup>
- 1917 *Megamelus furcifer* Muir, Proc. Hawaiian Ent. Soc. 3: 328. [Notes.]<sup>1,13,14,20,21,22,23,24</sup> Equals *Delphax furcifer* Horv. Equals *Delphax kolophon* Kirk.
- 1917 *Delphax furcifer* Pierce, Man. Dangerous Ins. 1917: 190. [Listed.]<sup>6,13</sup> :206 [Listed.]<sup>6,13</sup>
- 1917 *Liburnia albolineosa* Van Duzee, Cat. Hemip. America :779. [Listed.]<sup>3,10,11,12</sup> Equals *Megamelus abolineosa* Fowl.
- 1917 *Delphax nigrigenis* Jacobi, Reise in Ostafrika 3: 530; Pl. 32, Figs. 10a, b. [n. sp., illustrated.]<sup>19</sup>
- 1917 *Opiconsiva gloriosa* Distant, Trans. Linn. Soc. London Zool. 17: 302; Fig. 3. [n. sp., illustrated.]<sup>25</sup>
- 1919 *Opiconsiva gloriosus* Muir, Canadian Ent. 51: 7. [Notes.]
- 1919 *Opiconsiva colorata* Muir, Canadian Ent. 51: 7. [Notes.]
- 1919 *Megamelus furcifer* Muir, Canadian Ent. 51: 7. Equals *Opiconsiva insularis* Dist. Equals *Opiconsiva derelicta* Dist. Equals *Opiconsiva balteata* Dist. :8. Equals *Sogata distincta* Dist. Equals *Sogata pallescens* Dist.
- 1919 *Sogata distincta* Muir, Canadian Ent. 51: 8 [Notes.]
- 1920 *Megamelus furcifer* [sic] Muir, Bull. Ent. Res. 10: 142; Fig. 5. [Notes, illustrated.]
- 1920 *Sogata distincta* Misra, Mem. Dept. Agr. India Ent. Ser. 5: 209; Text Fig. 2. [Economics, illustrated.]<sup>14</sup>
- 1920 *Sogata pallescens* Misra, Mem. Dept. Agr. India Ent. Ser. 5: 209; Text fig. 3. [Economics, illustrated.]<sup>14</sup>
- 1921 *Megamelus furcifer* Muir, Proc. Hawaiian Ent. Soc. 4: 486. [Listed.]<sup>14</sup>
- 1921 *Liburnia albolinosa* [sic] Osborn, Florida Ent. 5: 19. [Listed.]<sup>10</sup>
- 1923 *Liburnia albolineosa* Metcalf, Jour. Elisha Mitchell Soc. 38: 172; Pl. 46, Fig. 113; Pl. 61, Figs. 457, 458; Pl. 70, Fig. 701. [Key, illustrated.]
- 1923 *Sogata furcifer* Muir, Philippine Jour. Sci. 22: 174. [Notes.]<sup>14</sup>
- 1924 [*Sogata*] *furcifer* [sic] Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 2. [Listed.]
- 1924 *Sogata furcifer* [sic] Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 13; Pl. 1, Fig. 9; Pl. 6, Figs. 114–116. [Described, illustrated.]<sup>1,3,9,10,11,13,14,16,20,21,22,23,24,25,27,29,30,45</sup> Equals *Delphax furcifer* [sic] Horv. Equals *Liburnia albolineosa* Fowl. Equals *Delphax kolophon* Kirk. Equals *Sogata distincta* Dist. Equals *Sogata pallescens* Dist. Equals *Megamelus* (?) *furcifer* [sic] Horv. Equals *Opiconsiva insularis* Dist. Equals *Opiconsiva derelicta* Dist. Equals *Opiconsiva balteata* Dist. Equals *Opiconsiva colorata* Dist. Equals *Opiconsiva gloriosus* Dist. Equals *Delphax nigrigenis* Jac. Equals *Megamelus furcifer* [sic] *nigeriensis* Muir.
- 1925 *Opiconsiva colorata* Singh-Pruthi, Trans. Ent. Soc. London 1925: Pl. XXX, Fig. 266. [Genitalia, illustrated.]
- 1926 *Liburnia furcifer* Heymons, Brehm's Tierleben 2: 157. [Notes.] Equals *Delphax furcifer* Horv.
- 1926 *Sogata furcifer* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 26; Pl. 1, Fig. 9; Pl. 6, Figs. 114–116. [Notes, illustrated.]<sup>1,3,9,10,11,14,16,21,22,23,24,26,27,29,30,31,32</sup> :1. [Distribution.]
- 1926 *Liburnia furcifer* Kato, Insect World 30: 153. [Listed.]



*Liburnia*

- 1926 *Sogata pallescens* Corbett, Malayan Agr. Jour. **14**: 173. [Economics.]  
 1926 *Liburnia furcifera* Kuwayama, Bull. Hokkaido Agr. Exp. Sta. **42**: 20. [Economics.]<sup>1</sup>  
 1926 *Sogata pallescens* Gater, Bull. Dept. Agr. Federated Malay States and Straits Settlements **38**: 5. [Listed.]<sup>28</sup>  
 1926 *Delphacodes albolineosa* Osborn, Sci. Contr. Trop. Pl. Res. Found. **2**: 360. [Notes.]<sup>12,16,29</sup>  
 1926 *Sogata furcifera* Muir, Ann. Mag. Nat. Hist. (9) **17**: 34. [Listed.]<sup>34,35</sup>  
 1926 *Liburnia albolineosa* Gowdey, Bull. Dept. Agr. Jamaica Ent. **4**: 41. [Listed.]<sup>7</sup>  
 1926 *Delphacodes albolineosa* Osborn, Ann. Ent. Soc. America **19**: 360. [Notes.]<sup>12,16,29</sup>  
 1927 *Delphax furcifera* Katsuyama, Insect World **31**: 93. [Economics.]<sup>1</sup>  
 1928 *Liburnia furcifera* Kuwayama, Bull. Hokkaido Agr. Exp. Sta. **47**: 1; Figs. 1-5. [Economics, illustrated.]<sup>1</sup>  
 1928 *Sogata furcifer* [sic] Ogilvie, Insects of Bermuda **1928**: 20. [Listed.]<sup>11</sup>  
 1928 *Liburnia albolineosa* Ogilvie, Insects of Bermuda **1928**: 20. [Listed.]<sup>11</sup>  
 1928 *Sogata furcifera* Myers, Studies on Cuban Insects **1**: 22. [Listed.]<sup>16</sup>  
 1929 *Delphacodes albolineosa* Osborn, Jour. Dept. Agr. Porto Rico **13**: 111. [Listed.]<sup>36</sup>  
 1930 *Liburnia (Delphax) furcifera* Kuwana, Proc. Pacific Sci. Cong. Java **4**: 214. [Economics.]<sup>1</sup>  
 1930 *Sogata pallescens* Corbett, Proc. Pacific Sci. Cong. Java **4**: 135. [Economics.]<sup>28</sup>  
 1930 *Liburnia furcifera* Esaki and Hashimoto, Publ. Kyushu Imp. Univ. Ent. Lab. **1**: 4, 5. :23. [Economics.]  
 1930 *Sogata furcifera* Muir, Treubia **12**: 31. [Listed.]<sup>37</sup>  
 1930 *Sogata furcifera* Miller and Pagden, Sci. Ser. Dept. Agr. Straits Settlement and Federated Malay States **3**: 11. [Listed.]<sup>28</sup>  
 1930 *Sogata furcifera* Miller and Pagden, Malayan Agr. Jour. **18**: 239. [Listed.]<sup>28</sup>  
 1930 *Sogata distincta* Miller and Pagden, Malayan Agr. Jour. **18**: 239, 289. [Listed.]<sup>28</sup> :238. [Economics.]<sup>28</sup>  
 1930 *Sogata pallescens* Miller and Pagden, Malayan Agr. Jour. **18**: 238, 289. [Economics.]<sup>28</sup>  
 1930 *Sogata pallescens* Miller and Pagden, Sci. Ser. Dept. Agr. Straits Settlements and Federated Malay States **3**: 10. [Economics.]<sup>28</sup>  
 1930 *Sogata distincta* Miller and Pagden, Sci. Ser. Dept. Agr. Straits Settlements and Federated Malay States **3**: 10. [Economics.]<sup>28</sup> :11. [Listed.]<sup>28</sup>  
 1930 *Liburnia furcifera* Nakayama, Proc. Pacific Sci. Cong. Java **4**: 181. [Economics.]<sup>38</sup> Equals *Delphax furcifera* Horv.  
 1931 *Delphax furcifera* Clausen, Cir. United States Dept. Agr. **168**: 45. [Listed.]<sup>1,13,24,36,39</sup> :52, 55. [Economics.]<sup>1,38</sup> Equals *Liburnia furcifera*.  
 1931 *Delphacodes furcifera* Esaki and Hashimoto, Publ. Kyushu Imp. Univ. Ent. Lab. **2**: 4, 5; Pl. 1, Fig. 3; Pl. 3, Fig. 8, Pl. 5, Fig. 1; Text figs. 7, 8. [Illustrated.] :43. [Economics, parasitism.]  
 1931 *Liburnia furcifera* Matsumura, 6000 Ill. Ins. Japan Empire :1268. [Described, illustrated.]<sup>1</sup>  
 1932 *Sogata* [sic] *furcifera* Esaki, Oyo-Dobuts, Zasshi **4**: 1. [Listed.]<sup>1</sup>  
 1932 *Sogata* [sic] *furcifera* Esaki, Short Course, Lectures, Leafhoppers :7. [Listed.]<sup>1</sup> :12. [Economics.]<sup>1</sup>  
 1932 *Sogata* [sic] *furcifera* Esaki, Iconographia Insectorum Japonicorum :1784. [Described, illustrated.]<sup>1</sup>  
 1932 *Sogata furcifera* Tempany, Ann. Rept. Dept. Agr. Straits Settlements and Federated Malay States **1931**: 42. [Economics.]<sup>28</sup>  
 1932 *Sogata furcifera* Kaburaki and Imamura, Proc. Imp. Acad. Japan **8**: 139. [Parasites.]<sup>1</sup>  
 1932 *Liburnia furcifera* Kusnetzov, Bull. Plant Prot. I Ser.: Ent. **5**: 43. [Listed.] Equals *Delphacodes furcifera* Horv.  
 1932 *Liburnia (Delphax) furcifera* Matsumura, Consp. Japanese Inj. Ins. **1932**: 221; 6 Figs. [Economics, illustrated.]<sup>1</sup>  
 1933 *Sogata pallescens* Caresche, Bull. Econ. Indochine **36**: 492. [Listed.] :498 [Economics.]<sup>6</sup> Equals *Sogata furcifera* Horv. Equals *Delphax furcifera* Horv. Equals *Liburnia albolineosa* Fowl. Equals *Delphax kolophon* Kirk. Equals *Sogata distincta* Dist. Equals *Opiconsiva insularis* Dist. Equals *Opiconsiva derelicta* Dist. Equals *Opiconsiva*

- balteata* Dist. Equals *Opiconsiva colorata* Dist. Equals *Opiconsiva gloriosus* [sic] Dist. Equals *Delphax nigrigenis* Jac. Equals *Megamelus furcifer* [sic] *nigeriensis* Muir.
- 1933 *Sogata* [sic] *furcifer* Kato, Three Colour Ill. Ins. Japan 4: Pl. 15, Fig. 2. [Illustrated.]<sup>1</sup>
- 1933 *Sogata* [sic] *furcifer* Esaki and Hashimoto, Publ. Kyushu Imp. Univ. Ent. Lab. 4: 19; Fig. 1. [Parasites, illustrated.]<sup>1</sup>
- 1933 *Liburnia furcifer* Hsu, Yearbook Bur. Ent. Hangchow 1932: 333. [Listed.]<sup>24</sup> Equals *Delphax furcifer* Horv.
- 1933 *Sogata furcifer* Kato, Ent. World 1: 19. [Listed.]<sup>2,5,40,41,42</sup>
- 1934 *Sogata furcifer* Corbett, Rept. Dept. Agr. Straits Settlements (General Series) 19: 42. [Economics.]<sup>28</sup>
- 1934 *Sogata pallescens* Hutson, Adm. Rept. Ceylon Dept. Agr. 1933: D134 (1). [Economics.]<sup>2</sup>
- 1934 *Liburnia furcifer* Fukuda, Bull. Dept. Agr. Formosa 99: 1. [Listed.]<sup>13</sup>
- 1934 *Sogata furcifer* Pagden, Sci. Ser. Dept. Agr. Straits Settlements and Federated Malay States 15: 2. [Parasites.]
- 1934 *Delphax fuscifer* [sic] Silvestri, Compendo di entomologie applicata 1: 362. [Listed.]
- 1935 *Liburnia furcifer* Cheo, Peking Nat. Hist. Bull. 10: 107. [Food plants.]<sup>1,13,14,20,24,26,28,38,39,43</sup> Equals *Delphax furcifer* Horv.
- 1935 *Sogata furcifer* Corbett, Rept. Dept. Agr. Straits Settlements (General Series) 21: 51. [Economics.]<sup>28</sup>
- 1935 *Delphacodes furcifer* Matsumura, Ins. Matsumurana 9: 129. [Comparative note.]
- 1935 [*Sogata*] *furcifer* [sic] Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 243. [Comparative note.]
- 1935 *Sogata furcifer* [sic] Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 243. [Described.]<sup>36</sup> Equals *Delphax furcifer* [sic] Horv. Equals *Liburnia albolineosa* Fowl. Equals *Delphax colophon* [sic] Kirk. Equals *Sogata distincta* Dist. Equals *Sogata pallescens* Dist. Equals *Delphacodes albolineosa* Osb.
- 1935 *Liburnia furcifer* Wu, Cat. Ins. Sinensium. 2: 119. [Listed.]<sup>1,2,4,5,24</sup>
- 1926 *Sogata furcifer* Ballou, Bull. Ins. Pest Surv. 16: 474. [Food plants.]<sup>60</sup>
- 1936 *Sogata* [sic] *fulcifer* [sic] Esaki, Agr. Hort. 11: 2179 (61). [Listed.]
- 1936 *Sogata* [sic] *furcifer* Esaki, Agr. Hort. 11: 2184 (66); Fig. 5. [Described, illustrated.]
- 1936 *Sogata* [sic] *furcifer* Esaki and Hashimoto, Publ. Ent. Lab. Dept. Agr. Kyushu Imp. Univ. 7: 16; Pls. 2-3. [Described, illustrated.]
- 1936 *Sogata furcifer* Ingram and Summers, Jour. Agr. Res. 52: 886. [Nonvector of sugarcane mosaic.]<sup>18</sup>
- 1936 *Delphacodes albolineosa* Wolcott, Jour. Agr. Univ. Puerto Rico 20: 109. [Listed.]<sup>36</sup>
- 1936 *Sogata furcifer* Wolcott, Jour. Agr. Univ. Puerto Rico 20: 108. [Listed.]<sup>36</sup>
- 1937 *Sogata furcifer* Corbett, Rept. Dept. Agr. Straits Settlements (General Series) 26: 35. [Economics.]<sup>28</sup>
- 1937 *Liburnia furcifer* Efimoff, Centr. Lab. Quar. Adm. 8: 27, 41. [Listed.]
- 1937 *Sogata* [sic] *furcifer* Esaki and Hashimoto, Noj. Min. Agr. and For. 127: 54, 133; Pls. 4, 15. [Economics, illustrated.]<sup>1</sup> :3, 130. [Listed.]<sup>1</sup>
- 1937 *Sogata* [sic] *fulcifer* [sic] Esaki and Hashimoto, Noj. Min. Agr. and For. 127: 134, 135. [Parasites.]
- 1938 *Sogata furcifer* Brimley, Insects of North Carolina 1938: 102. [Listed.]<sup>49</sup>
- 1938 *Sogata furcifer* China, Arkiv Zool. 30: 54. [Listed.]<sup>33</sup> Equals *Delphax furcifer* Horv.
- 1938 *Liburnia furcifer* Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. 82: 300., [Listed.]<sup>1,2,3,4,5,8,9,11,12,13,14,16,17,20,21,22,23,24,25,27,29,30,31,32,37,40,41,42,44,46,47,48</sup>
- 1939 *Sogata furcifer* Glick, Tech. Bull. United States Dept. Agr. 673: 27. [Listed.]<sup>18</sup>
- 1939 *Sogata furcifer* Belgrave, Ann. Rept. Dept. Agr. Straits Settlements and Federated Malay States 1938: 75. [Economics.]<sup>28</sup>
- 1939 *Sogata furcifer* Lever, Agr. Jour. Fiji 10: 83. [Economics.]<sup>1,14,21,28,51</sup> Equals *Delphax kolophon* Kirk.
- 1940 *Delphacodes furcifer* Clausen, Entomophagous insects 1940: 318, 518; Fig. 149a. [Parasites, illustrated.]

*Liburnia***furcifera** var. **capensis** Muir

- 1929 *Sogata furcifera capensis* Muir, Ann. Mag. Nat. Hist. (10) 4: 212; Figs. 39, 40, 41. [n. subsp., illustrated.]

**furcifera** var. **kolophon** Kirkaldy

- 1907 *Delphax kolophon* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: Queenslands<sup>1</sup> 157; Pl. 15, Figs. 9–11. [n. sp., illustrated.]<sup>1</sup>:150. [Key.] :13. Luzon<sup>2</sup> [Listed.] :158. [Comparative note.]  
 1916 *Delphax kolophon* Muir, Philippine Jour. Sci. 11: 385. [Listed.]<sup>2</sup>  
 1917 *Delphax kolophon* Muir, Proc. Hawaiian Ent. Soc. 3: 328. To *Megamelus* (?) *furcifera* Horv.  
 1920 *Megamelus kolophon* Muir, Bull. Ent. Res. 10: 143; Fig. 6. [Notes, illustrated.]  
 1924 *Delphax kolophon* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 13. To *Sogata furcifer* [sic] Horv.  
 1929 [*Sogata furcifera*] *kolophon* Muir, Ann. Mag. Nat. Hist. (10) 4: 212. [Comparative note.]  
 1933 *Delphax kolophon* Caresche, Bull. Econ. Indochine 36: 498. To *Sogata pallescens* Dist.  
 1935 *Delphax colophon* [sic] Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 243. To *Sogata furcifer* [sic] Horv.

**furcifera** var. **nigeriensis** Muir

- 1920 *Megamelus furcifer* [sic] *nigeriensis* Muir, Bull. Ent. Res. 10: 143; Nigeria<sup>1</sup> Figs. 7a, b. [n. var., illustrated.]<sup>1</sup>  
 1924 *Megamelus furcifer* [sic] *nigeriensis* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 13. To *Sogata furcifer* [sic] Horv.  
 1929 [*Sogata furcifera*] *nigeriensis* Muir, Ann. Mag. Nat. Hist. (10) 4: 212. [Comparative note.]

*fuscicollis* Rey (var.). See *Delphacodes pellucida* var. *fuscicollis* Rey.

*fuscifrons* Fieber. See *Delphacodes fuscifrons* Fieber.

*fuscipennis* Kirschbaum. See *Delphacodes leptosoma* Flor.

*fuscoirrorata* Spinola. See *Delphacodes fuscoirrorata* Spinola.

*fuscoterminata* Berg. See *Delphacodes fuscoterminata* Berg.

*fuscovittata* Stål. See *Stenocranus fuscovittatus* Stål.

*g* Sahlberg (var.) [*pellucida*]. See *Delphacodes pellucida* var. *obscura* Fieber.

*gerhardi* Metcalf. See *Euidella gerhardi* Metcalf.

*gifuensis* Matsumura. See *Delphacodes gifuensis* Matsumura.

*gillettei* Van Duzee. See *Delphacodes gillettei* Van Duzee.

*gilletti*. Typographical error for *Liburnia gillettei* Van Duzee. See *Delphacodes gillettei* Van Duzee.

*gilveola* Kirschbaum. See *Delphacodes gilveola* Kirschbaum.

*glauescens* Fieber. See *Chloriona glaucescens* Fieber.

**gothica** Popenoe

- 1885 *Liburnia gothica* Popenoe, Trans. Kansas Acad. Sci. 9: 63. Kansas<sup>1</sup> [Listed.]<sup>1</sup> [nom. nud.]

*gracilis* Matsumura. See *Delphacodes gracilis* Matsumura.

**graminicola** Matsumura

- 1910 *Delphax graminicola* Matsumura, Schädlichen und nützlichen Formosa<sup>1</sup>  
 Ins. Formosas :17. [n. sp.]<sup>1</sup> Oriental

- 1910 *Delphax graminicola* Matsumura, Zeits. Wiss. Insektenbiol. **6**: 104. [Lisbted.]<sup>1</sup> Regions<sup>2</sup>  
Japan<sup>3</sup>
- 1911 *Delphax graminicola* Matsumura, Mém. Soc. Ent. Belgique **18**: 135. [n. sp.]<sup>1</sup>
- 1915 *Delphax graminicola* Schumacher, Mitt. Zool. Mus. Berlin **8**: 134. [Listed.]<sup>1</sup>
- 1917 *Delphax graminicola* Pierce, Man. Dangerous Ins. **1917**: 206. [Listed.]<sup>2</sup>
- 1931 *Liburnia graminicola* Clausen, Cir. United States Dept. Agr. **168**: 45. [Listed.]<sup>1</sup>
- 1932 *Liburnia (Delphax) graminicola* Matsumura, Consp. Japanese Inj. Ins. **1932**: 225. [Economics.]<sup>3</sup>

*guadarramensis*. Typographical error for *Liburnia guaramensis* Scott. See *Delphacodes guaramanensis* Scott.

*guaramanensis* Scott. See *Delphacodes guaramanensis* Scott.

*guttula* Douglas [nec Germar]. See *Kelisia vittipennis* Sahlberg.

*guttula* Germar. See *Kelisia guttula* Germar.

*guttulifera* Kirschbaum. See *Kelisia vittipennis* Sahlberg.

*h* Reuter (var.) [*pellucida*]. See *Delphacodes pellucida* var. *griseoflava* Metcalf.

*haglundi* Sahlberg. See *Delphacodes haglundi* Sahlberg.

*hamata* Boheman. See *Dicranotropis hamata* Boheman.

*hamulata* Kirschbaum. See *Delphacodes propinqua* Fieber.

*haupti* Lindberg. See *Delphacodes striatella* Fallén.

### hemifusca Melichar

- 1914 *Sogata hemifusca* Melichar, Notes Leyden Mus. **26**: 109. [n. sp.]<sup>1</sup> Java<sup>1</sup>

*hemiptera* Germar. See *Delphacodes hemiptera* Germar.

*herrichii* Kirschbaum. See *Delphacodes herrichii* Kirschbaum.

*heydeni* Kirschbaum. See *Delphacodes leptosoma* Flor.

*humilis* Van Duzee. See *Delphacodes humilis* Van Duzee.

*humulus* Typographical error for *Liburnia humilis* Van Duzee. See *Delphacodes humilis* Van Duzee.

*hyalinipennis* Stål. See *Delphacodes brevipennis* Boheman.

*hyalipennis*. Typographical error for *Liburnia hyalinipennis* Stål. See *Delphacodes brevipennis* Boheman.

*i* Reuter (var.) [*pellucida*]. See *Delphacodes pellucida* var. *flavotestacea* Metcalf.

*ignobilis* White. See *Ilburnia ignobilis* White.

*incerta* Van Duzee. See *Dicranotropis incerta* Van Duzee.

*indistincta* Crawford. See *Delphacodes indistincta* Crawford.

*insignis* Scott. See *Delphacodes insignis* Scott.

*intermedia* Sahlberg (var.). See *Delphacodes albocarinata* var. *intermedia* Sahlberg.

*intertexta* Uhler [nom. nud.]. See *Stobaera tricarinata* Say.

### intrudens Muir

- 1930 *Sogata intrudens* Muir, Treubia **12**: 31; Figs. 2, 3. [n. sp., illustrated.]<sup>1</sup> Verlaten Island<sup>1</sup>  
(East Indies)

### javana Bierman

- 1910 *Liburnia javana* Bierman, Notes Leyden Mus. **33**: 40. Java<sup>1</sup>  
[n. sp.]<sup>1</sup>

*juncea* Haupt. See *Delphacodes juncea* Haupt.

*k* Reuter (var.) [*pellucida*]. See *Delphacodes pellucida* var. *testacea* Metcalf.

*kilmani* Van Duzee. See *Delphacodes kilmani* Van Duzee.



*Liburnia***kirkaldyi** Muir

- 1907 *Delphax puella* [nec Van Duzee] Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 160; Pl. 15, Figs. 1-3. [Described, illustrated.]<sup>1,2</sup> :151. [Key.] Queensland<sup>1</sup>  
Fiji<sup>2</sup>  
Luzon<sup>3</sup>
- 1916 *Liburnia puella* [nec Van Duzee] Muir, Philippine Jour. Sci. 11: 385. [Listed.]<sup>1,2,3</sup> Philippine Islands<sup>4</sup>
- 1917 *Kelisia kirkaldyi* Muir, Proc. Hawaiian Ent. Soc. 3: 329; Pl. 6, Figs. 52, 52a. [n. sp., illustrated.]<sup>1,2,4,5</sup> Equals *Delphax puella* Kirk. [nec Van Duz.] :337. Equals *Delphacodes puella* Kirk. [nec Van Duz.] Formosa<sup>5</sup>  
Samoa<sup>6</sup>  
Tahiti<sup>7</sup>  
(Low Archipelago)  
New Hebrides Islands<sup>8</sup>
- 1919 *Kelesia* [sic] *kirkaldyi* Muir, Canadian Ent. 51: 8. [Comparative note.]
- 1920 *Kelisia kirkaldyi* Muir, Bull. Ent. Res. 10: 143. [Note.]
- 1927 *Sogata kirkaldyi* Muir, Fulgoroidea of Samoa :12. [Notes.]<sup>1,2,4,5,6</sup> Equals *Kelisia kirkaldyi* Muir.
- 1927 *Sogata kirkaldyi* Muir, Ann. Mag. Nat. Hist. (9) 20: 87. [Listed.]<sup>7</sup>
- 1931 *Kelisia kirkaldyi* Muir, Rec. Australian Mus. 18: 72. [Listed.]<sup>8</sup>

*kolophon* Kirkaldy (var.). See *Liburnia furcifera* var. *kolophon* Kirkaldy.

*kormusi* Crawford. See *Eurysa kormusi* Crawford.

**krügeri** Muir

- 1929 *Sogata krügeri* Muir, Ann. Mag. Nat. Hist. (10) 4: 209; Figs. 31, 32, 33. [n. sp., illustrated.]<sup>1</sup> Cape Province<sup>1</sup>

*laminalis* Van Duzee. See *Delphacodes laminalis* Van Duzee.

*lateralis* Fieber (var.). See *Delphacodes striatella* var. *lateralis* Fieber.

*lateralis* Van Duzee. See *Delphacodes laterana* Metcalf.

*latifrons* Fieber. See *Delphacodes latifrons* Fieber.

**lautipes** Stål

- 1858 *Delphax lautipes* Stål, Öfv. Svenska Vet. Akad. Förh. 15: 319. [n. sp.]<sup>1</sup> South Africa<sup>1</sup>  
Madagascar<sup>2</sup>
- 1866 *Liburnia lautipes* Stål, Hemip. Africana 4: 180. [Described.]<sup>1</sup> Cape of Good  
Equals *Delphax lautipes* Stål. Hope<sup>3</sup>
- 1917 *Megamelus lantipes* [sic] Jacobi, Reise in Ostafrika 3: 530; Pl. 32, Figs. 1a-d. [Listed, illustrated.]<sup>2</sup> West Africa<sup>4</sup>
- 1924 *Liburnia lautipes* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 12. [Note.]
- 1925 *Liburnia lautipes* Hesse, Ann. South African Mus. 23: 169. [Listed.]<sup>3</sup> Equals *Delphax lautipes* Stål.
- 1929 *Liburnia lautipes* Muir, Ann. Mag. Nat. Hist. (10) 4: 222. [Listed.]<sup>4</sup> Equals *Delphax lautipes* Stål.

*lepida* Boheman. See *Euconomelus lepidus* Boheman.

*leptosoma*. Typographical error for *Liburnia leptosoma* Flor. See *Delphacodes leptosoma* Flor.

*leptosoma* Flor. See *Delphacodes leptosoma* Flor.

*leptosoma* var. *albomarginata* Buckton [nom. nud.] See *Delphacodes leptosoma* Flor.

*lethierryi* Scott. See *Delphacodes lethierryi* Scott.

*limbata* Fabricius. See *Conomelus anceps* Germar.

*limitata* Fieber. See *Delphacodes limitata* Fieber.

*lineata* Perris. See *Eurysa lineata* Perris.

*lineatipes* Van Duzee. See *Delphacodes lineatipes* Van Duzee.

*lineola* Germar. See *Stenocranus minutus* Fabricius.

- litoralis* Reuter. See *Delphacodes litoralis* Reuter.  
*littoralis*. Typographical error for *Liburnia litoralis* Reuter. See *Delphacodes litoralis* Reuter.  
*longipennis* Curtis. See *Stenocranus longipennis* Curtis.  
*longipes* Kirschbaum. See *Delphacodes reyi* Fieber.  
*lucticolor* Sahlberg. See *Delphacodes lucticolor* Sahlberg.  
*lugubrina* Boheman. See *Delphacodes lugubrina* Boheman.  
*lugubrina* var. *a*. Reuter. See *Delphacodes lugubrina* var. *albidoflavus* Metcalf.  
*lugubrina* var. *b* Reuter. See *Delphacodes lugubrina* var. *piceonigra* Metcalf.  
*lugubrina* var. *c* Reuter. See *Delphacodes lugubrina* var. *bimacula* Metcalf.  
*lugubrinae* Fieber (var.). See *Delphacodes exigua* var. *arida* Metcalf.  
*lutulena*. Typographical error for *Liburnia lutulenta* Van Duzee. See *Delphacodes lutulenta* Van Duzee.  
*lutulenta* Van Duzee. See *Delphacodes lutulenta* Van Duzee.  
*lyraeformis* Matsumura. See *Delphacodes lyraeformis* Matsumura.  
*macroptera* Costa. See *Delphacodes* [?] *macroptera* Costa.

### maculigera Stål

- 1859 *Delphax maculigera* Stål, Freg. Eugenies Resa 4: 276. [n. sp.]<sup>1</sup> Isle of  
 1866 *Liburnia maculigera* Stål, Hemip. Africana 4: 180. [Described.]<sup>1</sup> Mauritius<sup>1</sup>  
 Equals *Delphax maculigera* Stål. (Indian Ocean)  
 1924 *Sogata maculigera* Muir and Giffard, Bull. Hawaiian Sugar Pl.  
 Assoc. 15: 12. Equals *Liburnia maculigera* Stål.

- magnifrons* Crawford. See *Eurysa magnifrons* Crawford.  
*magnistyla* Crawford. See *Euidella magnistyla* Crawford.  
*magna* Crawford. See *Delphacodes magna* Crawford.  
*maikoensis* Matsumura. See *Delphacodes maikoensis* Matsumura.  
*manicata* Hesse. See *Dicranotropis manicata* Hesse.  
*marginalis* Motschulsky. See *Delphacodes* [?] *marginalis* Motschulsky.  
*marginata* Fabricius. See *Delphacodes pellucida* Fabricius.  
*marginata* Haupt [nec Fabricius]. See *Delphacodes striatella* Fallén.  
*marginicornis* Fowler. See *Delphacodes* [?] *marginicornis* Fowler.  
*marshalli* Scott. See *Delphacodes marshalli* Scott.

### matsumurana nom. nov. for *Delphax furcata* Matsumura 1910 [nec *Delphax furcata* Provancher 1872].

- 1910 *Delphax furcata* Matsumura, Jour. Coll. Sci. Tokyo 27: 34; Fig. Sicily<sup>1</sup>  
 11. [n. sp., illustrated.]<sup>1</sup>  
 1912 *Delphax furcata* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>1</sup>  
 1924 *Delphax furcata* Haupt, Mem. Soc. Ent. Italiana 3: 229. [Listed.]<sup>1</sup>

- melanocephala* Fieber. See *Delphacodes melanocephala* Fieber.  
*melanopachys* Scott. See *Megamelus venosus* Germar.  
*mesomelas* Boheman. See *Delphacinus mesomelas* Boheman.  
*metcalfi* Kusnezov. See *Delphacodes metcalfi* Kusnezov.

### mexicana Crawford

- 1914 *Megamelus puellis mexicanus* Crawford, Mon. Delphacidae :626. Mexico<sup>1</sup>  
 [n. var.]<sup>1</sup> :608. [Key.]

**Liburnia**

- 1924 *Sogata mexicana* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 15; Pl. 6, Figs. 127-129. [Described, illustrated.]<sup>1</sup> Equals *Megamelus puellis mexicanus* Crawford.  
*minoensis* Matsumura. See *Delphacodes minoensis* Matsumura.  
*minuta* Fabricius. See *Stenocranus minutus* Fabricius.  
*minutula* Melichar. See *Delphacodes minutula* Melichar.  
*modesta* Fieber. See *Delphacodes modesta* Fieber.  
*mongolica* Kusnezov. See *Delphacodes mongolica* Kusnezov.  
*monoceros* Stål. See *Embolophora monoceros* Stål.  
*muiri* Van Duzee. See *Delphacodes magna* Crawford.  
*mulsanti* Fieber. See *Delphacodes mulsanti* Fieber.  
*nagaragawana* Matsumura. See *Delphacodes nagaragawana* Matsumura.

**navtica Muir**

- 1926 *Sogata navtica* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 26; Pl. British Guiana<sup>1</sup>  
 4, Figs. 75-77. [n. sp., illustrated.]<sup>1</sup>: 27, 28. [Comparative note.]  
*neglecta* Flor. See *Delphacodes fairmairei* Perris.

**neovittacollis Muir**

- 1926 *Sogata neovittacollis* Muir, Ann. Mag. Nat. Hist. (9) 17: 32; Figs. Cape Province<sup>1</sup>  
 30-32. [n. sp., illustrated.]<sup>1</sup>  
 1929 *Sogata neovittacollis* Muir, Ann. Mag. Nat. Hist. (10) 4: 212. [Listed.]<sup>1</sup>: 205. [Com-  
 parative note.]  
*nigeriensis* Muir. (var.). See *Liburnia furcifera* var. *nigeriensis* Muir.

**nigricaudata Muir**

- 1926 *Sogata nigricaudata* Muir, Ann. Mag. Nat. Hist. (9) 17: 33; Figs. Cape Province<sup>1</sup>  
 35-37. [n. sp., illustrated.]<sup>1</sup>  
 1929 *Sogata nigricaudata* Muir, Ann. Mag. Nat. Hist. (10) 3: 213.  
 [Listed.]<sup>1</sup>

- nigricula* Berg. See *Delphacodes nigricula* Berg.  
*nigridorsum* Crawford. See *Delphacodes nigridorsum* Crawford.  
*nigrigaster* Crawford. See *Delphacodes nigrigaster* Crawford.  
*nigrostriata* Kusnezov. See *Delphacodes nigrostriata* Kusnezov.  
*nimbata* Berg. See *Bergias nimbata* Berg.  
*nipponica* Matsumura. See *Delphacodes nipponica* Matsumura.  
*nitens* Van Duzee [nom. nud.] See *Delphacodes nitens* Muir and Giffard.  
*nitidipennis* Kirschbaum. See *Delphacodes nitidipennis* Kirschbaum.  
*nitidula* Kirschbaum. See *Megamelus venosus* Germar.  
*niveimarginata* Scott. See *Delphacodes niveimarginata* Scott.

**niveopicta Haupt**

- 1927 *Liburnia niveopicta* Haupt, Homop. Palestine 1: 12; Pl. 1, Fig. 9. Palestine<sup>1</sup>  
 [n. sp., illustrated.]<sup>1</sup>  
*notula* Germar. See *Megamelus notula* Germar.  
*notula* Stål [nec Germar]. See *Delphacodes striatella* Fallén.  
*obscura* Fieber (var.). See *Delphacodes pellucida* var. *obscura* Fieber.  
*obscurella* Boheman. See *Delphacodes obscurella* Boheman.  
*obscurella* var. *b* Sahlberg. See *Delphacodes obscurella* var. *fuscotestacea* Metcalf.  
*obscurinervis* Kirschbaum. See *Delphacodes obscurinervis* Kirschbaum.

*obsoleta* Kirschbaum. See *Delphacodes aubei* Perris.

*occlusa* Van Duzee. See *Delphacodes occlusa* Van Duzee.

### ochrias Kirkaldy

1907 *Delphax ochrias* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 157. New South  
[n. sp.]<sup>1,2,3,4</sup> :151. [Key.] :13. [Listed.] Wales<sup>1</sup>

1927 *Sogata ochrias* Muir, Fulgoroidea of Samoa : 12. [Notes.]<sup>2,5,6</sup> Equals Fiji<sup>2</sup>  
*Delphax ochrias* Kirk. Queenslnad<sup>3</sup>

*ochroleuca* Kirschbaum. See *Delphacodes concolor* Fieber.

*oryzae*. Typographical error for *Liburnia oryzae* Matsumura. See *Nilaparvata*  
*oryzae* Matsumura. Samoa<sup>5</sup>  
Australia<sup>6</sup>

### orizicola Muir

1926 *Sogata orizicola* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 27; Pl. British Guiana<sup>1</sup>  
4, Figs. 78–80. [n. sp., illustrated.]<sup>1</sup>

*ornata* Stål. See *Liburniella ornata* Stål.

*oryzae* Matsumura. See *Nilaparvata oryzae* Matsumura.

*osborni* Van Duzee. See *Delphacodes osborni* Van Duzee.

*oxyura* Haupt. See *Delphacodes oxyura* Haupt.

*pacifica* Crawford. See *Delphacodes pacifica* Crawford.

*pallens* Stål. See *Delphacodes pallens* Stål.

*pallentis*. Typographical error for *Liburnia pallens* Stål. See *Delphacodes pallens* Stål.

*pallida* Osborn (var.) See *Liburnia cubana* var. *pallida* Osborn.

*pallida*. Typographical error for *Liburnia palliata* Boheman. See *Conomelus anceps* Germar.

*pallidula* Boheman. See *Kelisia pallidula* Boheman.

*pallidula* Edwards [nec Boheman]. See *Kelisia punctulum* Kirschbaum.

*pallidula* Melichar [nec Boheman]. See *Delphacodes pallidula* Melichar.

*pallidula* var. *punctulum* Kirschbaum. See *Kelisia punctulum* Kirschbaum.

### paludata Fowler

1905 *Liburnia paludata* Fowler, Biologia Centrali-Americana **1**: 137; Mexico<sup>1</sup>  
Pl. 13, Figs. 18, 18a, b. [n. sp., illustrated.]<sup>1,2</sup> Guatemala<sup>2</sup>

1914 *Megamelus paludatus* Crawford, Mon. Delphacidae :630. [Notes.]<sup>2</sup>  
Equals *Liburnia paludata* Fowl.

1924 [*Sogata paludata*] Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 16. Equals  
*Liburnia paludata* Fowl.

*paludosa* Flor. See *Delphacodes paludosa* Flor.

### paludum Kirkaldy

1910 *Kelisia paludum* Kirkaldy, Fauna Hawaiiensis Suppl. :579. [n. Hawaii<sup>1</sup>  
sp.]<sup>2</sup> (Hawaiian

1916 *Kelisia paludum* Muir, Proc. Hawaiian Ent. Soc. **3**: 198. [Notes.] Islands)

1917 *Kelisia paludum* Giffard, Proc. Hawaiian Ent. Soc. **3**: 345. [Food Laysan Island<sup>2</sup>  
plants.]<sup>1</sup> (Hawaii

1917 *Kelisia paludum* Muir, Proc. Hawaiian Ent. Soc. **3**: 310; Pl. 5, Archipelago)  
Figs. 18, 18a. [Described, illustrated.]<sup>2</sup> :330. [Notes.]<sup>2,3,4,5,6,7,8</sup> Fiji<sup>3</sup>

:298. [Listed.] :311. [Listed.]<sup>12</sup> Queensland<sup>4</sup>

1922 *Kelisia paludum* Giffard, Proc. Hawaiian Ent. Soc. **5**: 109. Java<sup>5</sup>  
[Listed.]<sup>8</sup> :110. [Listed.] Ceylon<sup>6</sup>



*Liburnia*

- 1924 *Sogata paludum* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 13; Pl. 6, Figs. 133-135. [Described, illustrated.]<sup>2,3,5,6,7,8,9,10,13</sup> Equals *Kelisia paludum* Kirk. Philippine Islands<sup>7</sup>  
Oahu<sup>8</sup>  
(Hawaiian Islands)
- 1927 *Sogata paludum* Muir, Fulgoroidea of Samoa :12. [Notes.]<sup>9,11,13</sup> Equals *Kelisia paludum* Kirk. Jamaica<sup>9</sup>  
Australia<sup>10</sup>  
Samoa<sup>11</sup>  
Pacific Islands<sup>12</sup>  
Hawaiian Islands<sup>13</sup>
- pargasensis* Reuter. See *Delphacodes pargasensis* Reuter.

*parvula* Osborn

- 1926 *Sogata parvula* Osborn, Ann. Ent. Soc. America **19**: 359. [n. sp.]<sup>1</sup> Cuba<sup>1</sup>
- 1926 *Sogata parvula* Osborn, Sci. Contr. Trop. Pl. Res. Found. **2**: 359. [n. sp.]<sup>1</sup> Porto Rico<sup>2</sup>
- 1935 *Sogata parvula* Osborn, Sci. Surv. Porto Rico and Virgin Islands **14**: 244; Fig. 66. [Described, illustrated.]<sup>2</sup>
- 1936 *Sogata parvula* Wolcott, Jour. Agr. Univ. Puerto Rico **20**: 108. [Listed.]<sup>2</sup>
- parvula* Flor. See *Delphacodes parvula* Flor.
- patens* Kirschbaum. See *Delphacodes discolor* Boheman.
- patruelis* Stål. See *Delphacodes patruelis* Stål.
- pellucida* Fabricius. See *Delphacodes pellucida* Fabricius.
- pellucida* var. *b* Sahlberg. See *Delphacodes pellucida* var. *bilineata* Metcalf.
- pellucida* var. *difficilis* Edwards. See *Delphacodes difficilis* Edwards.
- pellucida* var. *discreta* Edwards. See *Delphacodes discreta* Edwards.
- pellucida* var. *dispar* Fallén. See *Delphacodes pellucida* Fabricius.
- pellucida* var. *fuscicollis* Rey. See *Delphacodes pellucida* var. *fuscicollis* Rey.
- pellucida* var. *g* Sahlberg. See *Delphacodes pellucida* var. *obscura* Fieber.
- pellucida* var. *h* Reuter. See *Delphacodes pellucida* var. *griseoflava* Metcalf.
- pellucida* var. *hemiptera* Germar. See *Delphacodes hemiptera* Germar.
- pellucida* var. *i* Reuter. See *Delphacodes pellucida* var. *flavotestacea* Metcalf.
- pellucida* var. *k* Reuter. See *Delphacodes pellucida* var. *testaceae* Metcalf.
- pellucida* var. *obscura* Fieber. See *Delphacodes pellucida* var. *obscura* Fieber.
- pellucida* var. *variicollis* Rey. See *Delphacodes pellucida* var. *variicollis* Rey.
- pellucida*. Typographical error for *Liburnia pellucida* Fabricius. See *Delphacodes pellucida* Fabricius.
- perspicillata* Boheman. See *Kelisia perspicillata* Boheman.
- piceola* Kirschbaum. See *Delphacodes pellucida* Fabricius.

*placita* Van Duzee

- 1937 *Sogata placita* Van Duzee, Proc. California Acad. Sci. (4) **22**: 120. [n. sp.]<sup>1,2</sup> Rapa Island<sup>1</sup>  
(Austral Islands)
- propinqua*. Typographical error for *Liburnia propinqua* Fieber. See *Delphacodes propinqua* Fieber. Pitcairn Island<sup>2</sup>  
(Low Archipelago)
- propinqua* Fieber. See *Delphacodes propinqua* Fieber.
- protrusa* Fieber. See *Delphacodes protrusa* Fieber.

*pseudoseminigra* Muir and Giffard

- 1924 *Sogata pseudoseminigra* Muir and Giffard, Bull. Hawaiian Sugar Florida<sup>1</sup>

Pl. Assoc. 15: 15; Pl. 6, Figs. 121-123. [n. sp., illustrated.]<sup>1</sup> Equals  
*Liburnia seminigra* Van Duz. [nec Stål.]

- psylloides* Lethierry. See *Peregrinus maidis* Ashmead.  
*puella* Van Duzee. See *Delphacodes puella* Van Duzee.  
*puella* Kirkaldy [nec Van Duzee]. See *Liburnia kirkaldyi* Muir.  
*pullula* Boheman. See *Delphacodes pullula* Boheman.  
*pullula* var. *b* Sahlberg. See *Delphacodes pullula* var. *basiflavus* Metcalf.  
*pullula* var. *c* Sahlberg. See *Delphacodes pullula* var. *infuscata* Metcalf.  
*pullula* Flor [nec Boheman]. See *Delphacodes stáli* Metcalf.

### *pumila* Barber

- 1914 *Liburnia pumila* Barber, Bull. American Mus. Nat. Hist. 33: 529. Florida<sup>1</sup>  
[Listed.]<sup>1</sup> [nom. nud.]  
1917 *Liburnia pumila* Van Duzee, Cat. Hemip. America :780. [Listed.]<sup>1</sup> [nom. nud.]  
*punctulum* Kirschbaum. See *Kelisia punctulum* Kirschbaum.

### *pusana* Distant

- 1912 *Sogata pusana* Distant, Ann. Mag. Nat. Hist. (8) 9: 191. [n. sp.]<sup>1</sup> India<sup>1</sup>  
1916 *Sogata pusana* Distant, Fauna British India 6: 139; Fig. 100. [Described, illustrated.]<sup>1</sup> :140. [Comparative note.]  
1917 *Sogata pusana* Fletcher, Proc. Ent. Con. Pusa 2: 177. [Listed.]<sup>1</sup>  
1919 *Sogata pusana* Muir, Canadian Ent. 51: 8. [Notes.]  
1920 *Sogata pusana* Misra, Mem. Dept. Agr. India Ent. Ser. 5: 209; Text fig. 1. [Economics, illustrated.]<sup>1</sup>  
1922 *Sogata pusana* Muir, Rec. Indian Mus. 24: 351. [Comparative note.]  
*putoni* Scott. See *Delphacacellus putoni* Scott.  
*quadrinaculata* Signoret. See *Megamelus quadrinaculatus* Signoret.

### *quadrispinosa* Muir

- 1919 *Sogata 4-spinosa* Muir, Philippine Jour. Sci. 15: 526; Pl. 1, Fig. 6. Singapore<sup>1</sup>  
[n. sp., illustrated.]<sup>1</sup> Mentawai  
1926 *Sogata 4-spinosa* Muir, Jour. Malayan Branch Roy. Asiatic Soc. Islands<sup>2</sup>  
4: 399. [Described.]<sup>2</sup> (East Indies)  
*radiata* Costa. See *Delphacodes* [?] *radiata* Costa.  
*reducta* Van Duzee. See *Delphacodes* [?] *reducta* Van Duzee.  
*reyi* Fieber. See *Delphacodes reyi* Fieber.

### *rhodesi* Muir

- 1929 *Sogata rhodesi* Muir, Ann. Mag. Nat. Hist. (10) 4: 208; Figs. 28, Natal<sup>1</sup>  
29, 30. [n. sp., illustrated.]<sup>1</sup>  
*rhypara* Flor. See *Megamelus venosus* Germar.  
*rotundata* Crawford. See *Delphacodes rotundata* Crawford.  
*sagata* Fowler. See *Delphacodes sagata* Fowler.  
*salina* Haupt. See *Delphacodes salina* Haupt.  
*scotti* Scott. See *Kelisia fasciata* var. *scotti* Scott.  
*scotti* var. *a* Scott. See *Kelisia fasciata* var. *triangularis* Metcalf.  
*scotti* var. *b* Scott. See *Kelisia fasciata* var. *nigra* Metcalf.  
*scutellata* Scott. See *Delphacodes scutellata* Scott.

*Liburnia***segetum** Haupt

1927 *Liburnia segetum* Haupt, Homop. Palestine 1: 11; Pl. I, Fig. 8. [n. Palestine<sup>1</sup> sp., illustrated.]<sup>1</sup>

*semicincta* Van Duzee. See *Delphacodes pellucida* Fabricius.

*seminigra* Stål. See *Delphacodes seminigra* Stål.

*seminigra* Van Duzee [nec Stål] [in part.]. See *Liburnia pseudoseminigra* Muir and Giffard.

*seminigra* Van Duzee [nec Stål] [in part.]. See *Delphacodes humilis* Van Duzee.

*seminigra* Van Duzee [nec Stål] [in part.]. See *Delphacodes floridæ* Muir and Giffard.

*seminigra* Melichar [nec Stål]. See *Delphacodes semiobscura* Metcalf.

*shermani* Metcalf. See *Delphacodes shermani* Metcalf.

*sibirica* Kusnezov. See *Delphacodes sibirica* Kusnezov.

*signoreti* Edwards [nec Scott]. See *Delphacodes adela* Flor.

*signoreti* Scott. See *Delphacodes signoreti* Scott.

*similis* Edwards [nec Kirschbaum]. See *Delphacodes albocarinata* Stål.

*similis* Kirschbaum. See *Delphacodes similis* Kirschbaum.

*slossoni* Ball. See *Chloriona slossoni* Ball.

*smaragdula* Stål. See *Chloriona smaragdula* Stål.

*smaragdula* Fieber [nec Stål]. See *Chloriona prasinula* Fieber.

*sordescens* Motschulsky. See *Nilaparvata lugens* Stål.

*sordida* Kirschbaum. See *Delphacodes sordida* Kirschbaum.

*sordidula* Stål. See *Delphacodes sordidula* Stål.

*sordidula* var. *b* Sahlberg. See *Delphacodes sordidula* var. *sahlbergi* Metcalf.

*speciosa* Boheman. See *Euidella speciosa* Boheman.

*spinosa* Fieber. See *Delphacodes spinosa* Fieber.

*staminata* Metcalf. See *Delphacodes staminata* Metcalf.

*steinegeri*. Typographical error for *Liburnia stejnegeri* Ashmead. See *Delphacodes stejnegeri* Ashmead.

*steinegeri* Ashmead. See *Delphacodes stejnegeri* Ashmead.

*stenoptera* Flor. See *Chloriona stenoptera* Flor.

**sternalis** Distant

1916 *Sogata sternalis* Distant, Fauna British India 6: 139. [n. sp.]<sup>1</sup> Ceylon<sup>1</sup>

1919 *Sogata sternalis* Muir, Canadian Ent. 51: 8. [Notes.]

*stigmatica* Melichar. See *Delphacodes stigmatica* Melichar.

*straminea* Stål. See *Delphacodes straminea* Stål.

*striata* Fabricius. See *Delphacodes pellucida* Fabricius.

*striatella*. Typographical error for *Liburnia striatella* Fallén. See *Delphacodes striatella* Fallén

*striatella* Edwards [nec Fallén]. See *Delphacodes pellucida* Fabricius.

*striatella* Fallén. See *Delphacodes striatella* Fallén.

*striatella* var. *lateralis* Fieber. See *Delphacodes striatella* var. *lateralis* Fieber.

**suezensis** Matsumura

1910 *Delphax suezensis* Matsumura, Jour. Coll. Sci. Tokyo 27: 35; Fig. Egypt<sup>1</sup>  
13. [n. sp., illustrated.]<sup>1</sup>

1912 *Delphax suezensis* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>1</sup>

1923 *Liburnia suezensis* Debski, Bull. Soc. Ent. Egypte 1922: 17. [Described.]<sup>1</sup> Equals  
*Delphax suezensis* Mats.

- suturalis* Curtis. See *Delphacodes pellucida* Fabricius.  
*tapina* Fieber. See *Delphacodes tapina* Fieber.  
*teapae* Fowler. See *Delphacodes teapae* Fowler.  
*terminalis* Van Duzee. See *Delphacodes propinqua* Fieber.

### testacea de Carlini

- 1895 *Liburnia testacea* de Carlini, Ann. Mus. Genova (2) 15: 124 (20). Somaliland<sup>1</sup>  
 [n. sp.]<sup>1</sup>

*thoracica* Marshall [nec Stål]. See *Delphacodes niveimarginata* Scott.

*thoulessi* Edwards. See *Megamelus venosus* Germar.

### transversalis Melichar

- 1914 *Sogata transversalis* Melichar, Notes Leyden Mus. 36: 110. [n. sp.]<sup>1</sup> Java<sup>1</sup>  
*triloba* Metcalf. See *Euidella triloba* Metcalf.  
*tristis* Boheman. See *Euconomelus lepidus* Boheman.  
*tschikoica* Kusnezov. See *Delphacodes tschikoica* Kusnezov.

### tuberculosa Distant

- 1916 *Liburnia tuberculosa* Distant, Fauna British India 6: 145; Fig. Ceylon<sup>1</sup>  
 105. [n. sp., illustrated.]<sup>1</sup>

*tuckeri* Van Duzee. See *Delphacodes propinqua* Fieber.

### typhlocyba Bierman

- 1910 *Liburnia typhlocyba* Bierman, Notes Leyden Mus. 33: Java<sup>1</sup>  
 40. [n. sp.]<sup>1</sup>

*uncinata* Fieber. See *Delphacodes uncinata* Fieber.

*unda* Metcalf. See *Delphacodes unda* Metcalf.

*unicolor* Walker [nec Herrich-Schäffer]. See *Delphacodes* [?] *uniformis* Metcalf.

*unicolor* Herrich-Schäffer. See *Chloriona unicolor* Herrich-Schäffer.

*unicolor* Scott [nec Herrich-Schäffer]. See *Chloriona glaucescens* Fieber.

*unistrigosa* Motschulsky. See *Delphacodes unistrigosa* Motschulsky.

*univittata* Berg. See *Delphacodes univittata* Berg.

*vanduzeei* Crawford. See *Delphacodes detecta* Van Duzee.

### vanreeneni Muir

- 1929 *Sogata vanreeneni* Muir, Ann. Mag. Nat. Hist. (10) 4: 207; Figs. Natal<sup>1</sup>  
 26, 27. [n. sp., illustrated.]<sup>1</sup>

*varia* Hesse. See *Delphacodes varia* Hesse.

*varicollis*. Typographical error for *Liburnia pellucida* var. *varicollis* Rey. See *Delphacodes pellucida* var. *varicollis* Rey.

*venosa* Germar. See *Megamelus venosus* Germar.

*venosa* Motschulsky [nec Germar]. See *Delphacodes kahavalu* Kirkaldy.

*v-flava* Scott. See *Delphacodes straminea* Stål.

### vibix Haupt

- 1927 *Liburnia vibix* Haupt, Homop. Palestine 1: 13; Pl. 2, Fig. 10. [n. Palestine<sup>1</sup>  
 sp., illustrated.]<sup>1</sup>



*Liburnia*—*Toyoides*—*Araeopus*

*vittacollis*. Typographical error for *Liburnia vitticollis* Stål.

*vittatifrons* Uhler. See *Pentagramma vittatifrons* Uhler.

**vitticollis** Stål

- 1855 *Delphax vitticollis* Stål, Öfv. Svenska Vet. Akad. Förh. 12: 93. [n. sp.]<sup>1</sup> Cape of Good Hope<sup>1</sup>
- 1858 *Delphax vitticollis* Walker, List Homop. British Mus. Add :326. Natal<sup>2</sup>  
[Listed.]<sup>2</sup>
- 1859 *Delphax vitticollis* Dohrn, Cat. Hemip. :61. [Listed.]<sup>2</sup>
- 1858 *Delphax vitticollis* Stål, Öfv. Svenska Vet. Akad. Förh. 15: 319. [Comparative note.]
- 1866 *Liburnia vitticollis* Stål, Hemip. Africana 4: 179. [Described.]<sup>1</sup> Equals *Delphax vitticollis* Stål. :180. [Comparative note.]
- 1924 *Liburnia vittacollis* [sic] Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 12. [Comparative note.]<sup>1</sup>
- 1925 *Liburnia vitticollis* Hesse, Ann. South African Mus. 23: 171. [Listed.]<sup>1</sup> Equals *Delphax vitticollis* Stål.
- 1926 *Sogata vittacollis* [sic] Muir, Ann. Mag. Nat. Hist. (9) 17: 33. [Comparative note.]
- 1929 *Liburnia vitticollis* Muir, Ann. Mag. Nat. Hist. (10) 4: 222. [Listed.]<sup>1</sup> Equals *Delphax vitticollis* Stål.

*vittipennis* Sahlberg. See *Kelisia vittipennis* Sahlberg.

*waldeni* Metcalf. See *Delphacodes waldeni* Metcalf.

**wallacei** Muir and Giffard

- 1924 *Sogata wallacei* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 13; Pl. 2, Fig. 17; Pl. 6, Fig. 117. [n. sp., illustrated.]<sup>1,2</sup> Cuba<sup>1</sup>  
British

*weedi* Van Duzee. See *Euidella weedi* Van Duzee. Honduras<sup>2</sup>

**williamsi** Muir

- 1926 *Sogata williamsi* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 25; Ecuador<sup>1</sup>  
Pl. 4, Fig. 71. [n. sp., illustrated.]<sup>1</sup>

*xiphias* Berg. See *Idiosemus xiphias* Berg.

*yezoana* Matsumura. See *Delphacodes pellucida* Fabricius.

Genus **TOYOIDES** Matsumura

Orthotype *Toyoides albipennis* [n. sp.] 1935 Matsumura, Ins. Matsumurana 10: 78.

- Toyoides* 1935 Matsumura, Ins. Matsumurana 10: 78. [gen. n.]  
1940 Neave, Nomenclator Zoologicus 4: 516. [Listed.]

**albipennis** Matsumura

- 1935 *Toyoides albipennis* Matsumura, Ins. Matsumurana 10: 78. [n. sp.]<sup>1</sup> Formosa<sup>1</sup>

Genus **ARAEOPUS** Spinola

Haplotype *Delphax crassicornis* 1839 Spinola, Ann. Soc. Ent. France 8: 336.

Type *Araeopus crassicornis* 1840 Duponchel, Rev. Zool. 2: 204.

Type *Araeopus crassicornis* 1901 Kirkaldy, Entomologist 34: 340.

- Type *Araeopus crassicornis* 1903 Kirkaldy, Entomologist 36: 215.  
 Type *Araeopus crassicornis* 1912 Oshanin, Kat. Paläark. Hemip. :117.  
 Type *Delphax crassicornis* 1914 Crawford, Mon. Delphacidae :603.  
 Type *Delphax crassicornis* 1915 Bergroth, Canadian Ent. 47: 215.  
 Type *Araeopus crassicornis* 1915 Muir, Canadian Ent. 47: 261.

[*Delphax* Fabricius]

- [Pseudotype *Delphax striata* 1810 Latreille, Consid. Gen. :434.]  
 [Pseudotype *Delphax minuta* 1833 Curtis, British Ent. 10: Pl. 445.]  
 [Pseudotype *Delphax minuta* 1837 Curtis, British Ent. 14: Pl. 657.]  
 [Pseudotype *Delphax limbata* 1840 Duponchel, Rev. Zool. 2: 204.]  
 [Pseudotype *Delphax minuta* 1840 Westwood, Syn. Genera British Ins. 116.]  
 [Pseudotype *Delphax minuta* 1862 Curtis, Homop. British Ent.: Pls. 445, 657.]  
 [Pseudotype *Delphax striata* 1900 Kirkaldy, Entomologist 33: 264.]  
 [Pseudotype *Delphax clavicornis* 1903 Kirkaldy, Entomologist 36: 215.]  
 [Pseudotype *Delphax pellucida* 1912 Oshanin, Kat. Paläark. Hemip. 119.]  
 [Type *Delphax crassicornis* 1912 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 10: 504, 505.]  
 [Type *Delphax crassicornis* 1914 Crawford, Mon. Delphacidae :577, 603.]  
 [Type *Delphax crassicornis* 1915 Muir, Canadian Ent. 47: 262.]  
 [Type *Delphax crassicornis* 1915 Bergroth, Canadian Ent. 47: 215.]  
 [Logotype *Delphax crassicornis* 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 18.]  
 [Type *Delphax crassicornis* 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 211.]  
 [Type *Delphax crassicornis* 1935 Haupt, Tierwelt Mitteleuropas 4 (3): 130.]  
 [Haplotype *Cicada crassicornis* 1939 China, Ann. Mag. Nat. Hist. (11) 4: 584.]
- Delphax* 1798 Fabricius, Suppl. Entomologia Syst. :511. 522. [gen. n.]  
 1802 Walckenaer, Faune Parisienne Ins. 2: 329. [Described.] :xiv. [Key.]  
 1803 Fabricius, Systema Rhyng. :83. [Described.]  
 1803 Latreille, Nouveau Dictionnaire d'hist. nat. 7: 166. [Described.]  
 Equals *Asiraca* Fabr. [error.]  
 1806 Duméril, Zoologie Analytique :267. [Described, key.] Equals *Asiraca*  
 Latr. [error.]  
 1806 von Froriep, Duméril's Analytische Zoologie 1806: 266. [Key.] :267.  
 [Listed.] Equals *Asiraca* Latr. [error.]  
 1816 Cuvier, Dict. Sci. Nat. 3: 210. [Comparative note.]  
*Delphace* [sic] 1816 Duméril, Dict. Sci. Nat. 3: 305. [Key.]  
*Delphax* 1816 de Lamarck, Hist. Nat. Animaux sans Vertébrés 3: 480. To *Asiraca*  
 Latr. [error.]

## Araeopus

- Delphace* [sic] 1817 Duméril, Dict. Sci. Nat. 9: 189. [Note.]  
*Delphax* 1817 Latreille, Cuvier's Règne Animal 3: 406. [Notes.]  
 1817 Latreille, Nouv. dict. d'hist. nat. 7: 90. [Listed.]  
 1817 Latreille, Nouv. dict. d'hist. nat. 12: 313. To *Asiraque* [sic] [error.]  
 1819 Duméril, Dict. Sci. Nat. 13: 42. [Described.]  
 1819 Samouelle, Ent. Comp. 1819: 230. To *Asiraca* Latr. [error.]  
 1820 Billberg, Enum. Ins. :72. [Listed.] Equals *Cicada* Auct. [in part.]  
 1820 Donovan, Rees' cyclopaedia 8: (6). [Listed.]  
 1820 Goldfuss, Handbuch der Zoologie 1: 289. [Described.]  
 1821 Kirby, Trans. Linn. Soc. London Zool. 13: 21; Pl. 1, Figs. 12, 13. [Illustrated.] :15-16, 20. [Comparative note.]  
 1823 Audouin, Dictionnaire classique d'histoire naturelle 4: 110. [Listed.]  
 1823 Duméril, Con. Gen. Ins. :220. [Described.]  
 1823 Schinz, Das Thierreich 3: 593. [Described.] Equals *Asiraca* Latr. [error.]  
 1824 Samouelle, Ent. Comp. 2nd Ed. 1824: 230. To *Asiraca* Latr. [error.]  
 1824 Kirby, Ann. Sci. Nat. 1: 199; Pl. xiv, Figs. 12-13. [Notes, illustrated.] :196. [Comparative note.]  
 1825 Say, Jour. Acad. Nat. Sci. Philadelphia 4: 337. [Listed.]  
 1825 Latreille, Fam. Nat. Règne Animal :427. [Listed.]  
*Delphace* [sic] 1826 Aucher-Elroy, Entomologie 1826: 256. [Notes.]  
*Delphax* 1826 Anslin, Nat. Verh. Maatsch. Wet. Haarlem 15: 277. [Listed.]  
 1826 Fallén, Hemip. Sueciae :73. [Described.]  
 1827 Berthold, Natürliche Familien des Thierreiches 1827: 425. [Listed.]  
 1828 Latreille, Thon's Ent. Arch. 1 (3): 76. [Listed.]  
 1829 Kirby, Isis 22: 1185. [Notes.]  
 1829 Stephens, Catalogue of British Insects 2: 356. To *Asiraca* Latr. [error.]  
 1831 Latreille, The Animal Kingdom 4: 42. [Described.]  
 1834 Guérin-Méneville, Voyage aux Indes Belanger 1: 479. [Described.]  
 1835 de Lamarck, Hist. Nat. Animaux sans Vertébres Second Ed. 4: 131. To *Asiraca* Latr. [error.]  
 1835 Wilson, Treatise on Insects :203. [Notes.]  
 1836 Partington, British Cyclopaedia 14: 533. [Listed.]  
 1837 Drapiez, Dictionnaire classique des sciences naturelles 2: 423. [Listed.]  
 1837 Gistel, Cicaden München :107 (12). [Listed.]  
 1838 Drapiez, Dictionnaire classique des sciences naturelles 3: 422. [Described.]  
*Delphace* [sic] 1838 Boheman, Handl. Svenska Vet. Akad. 58: 233. [Comparative note.]  
*Delphax* 1839 von Siebold, Presussische Prov.-Blatt. 21: 444. [Listed.]  
 Araeopus 1839 Spinola, Ann. Soc. Ent. France 8: 336. [gen. n.] :204. [Key.]  
*Delphax* 1839 Westwood, Trans. Linn. Soc. Zool. 18: 135. [Key.]  
 1839 Voigt, Das Thierreich von Cuvier 5: 391. [Described.]  
 Araeopus 1840 Duponchel, Rev. Zool. 2: 204. [Described.]  
 1842 Agassiz, Erichson and Germar, Nom. Zool. 1842: 2. [Listed.]  
*Delphax* 1842 Agassiz, Erichson and Germar, Nom. Zool. 1842: 7. [Listed.]  
 1844 Guérin-Méneville, Iconographie du Règne Animal du Cuvier :364. [Listed.]  
 1845 Blanchard, Hist. Ins. 2: 423. [Described.]  
 1846 Gimmerthal, Corr. Nat. Riga 1: 27. [Listed.]  
 1846 Labram and Imhoff, Ins. Schweiz 4: [3]. [Described.]  
 Araeopus 1846 Agassiz, Erichson and Germar, Nom. Zool. Add. 1846: 2. [Listed.]  
*Delphax* 1847 Amyot, Ann. Soc. Ent. France (2) 5: 168. [Listed.]  
 1848 Amyot, Méthode Mononymique 1848: 364. [Listed.]  
 Araeopus 1848 Agassiz, Nom. Zool. Index Univ. 1848: 90. [Listed.]  
*Delphax* 1848 Agassiz, Nom. Zool. Index Univ. 1848: 340. [Listed.]

- Araeopus 1849 Blanchard, d'Orbigny Dict. Univ. Hist. Nat. 2: 64. [Described.]  
 1850 Schaum, Allg. Encykl. Ersch und Gruber 51: 69. [Described.]  
 1850 Spinola, Mem. Soc. Italian Modena 25 (1): 52. [Key.]
- Arocofusus* [sic] 1851 Walker, List Homop. British Mus. 2: 359. [Listed.] Equals *Delphax*  
 Fabr. Equals *Cicada* Panz. [in part.] Equals *Asiraca* Latr. [error.]  
 1856 Guérin-Ménéville, Historia de la Isla de Cuba 7: 180. [Comparative  
 note.]  
 1857 Guérin-Ménéville, Histoire de l'Île de Cuba 1857: 430. [Comparative  
 note.]
- Delphax* 1857 Dallas, Elem. Ent. :411. [Described.]
- Araeopus* 1857 Stål, Ann. Soc. Ent. France (3) 5: 338. [Comparative note.]  
 1857 Stål, Öfv. Svenska Vet. Akad. Förh. 14: 53. [Comparative note.]
- Delphax* 1859 Say, Comp. writings of Thomas Say 2: 255. [Listed.]
- Arocofusus* [sic] 1859 Dohrn, Cat. Hemip. :62. [Listed.]  
 1860 Walker, List British Hemip. :17. [Listed.]
- Delphax* 1860 Duméril, Mém. Acad. Sci. Inst. Imp. 31: 1060. [Described, illus-  
 trated.]
- Delphace* [sic] 1860 Duméril, Mém. Acad. Sci. Inst. Imp. 31: 1047. [Key.]
- Delphax* 1860 Duméril, Entomologie Analytique 2: 1060. [Described.]
- Delphace* [sic] 1860 Duméril, Entomologie Analytique 2: 1047. [Key.]
- Araeopus 1861 Flor, Rhynch. Livlands 2: 87. [Described.] :15. [Key.] :637. [Listed.]
- Delphax* 1862 Graaf, Six and Snellen van Vollenhoven, Tijdschr. Ent. 5: 77.  
 [Listed.]
- Araeopo* [sic] 1862 Stål, Handl. Svenska Vet. Akad. 3 (6): 6. [Comparative note.]
- Araeofusus* [sic] 1863 Gerstaecker, Peters Carus, and Gerstaecker Handb. der Zoologie 2:  
 301. [Listed.]
- Araeopus 1864 Marshall, Ent. Monthly Mag. 1: 152. [Key.]  
 1865 Marshall, Ent. Monthly Mag. 1: 200. [Listed.]  
 1865 Marshall, Ent. Monthly Mag. 2: 31. [Described.] :32. [Comparative  
 note.]
- Delphax* 1866 Stål, Hemip. Africana 4: 175. [Key.] Equals *Araeopus* Spin.  
 1866 Marshall, Ent. Monthly Mag. 3: 118. [Listed.]
- Araeopus 1866 Fieber, Verh. Zool. Bot. Ges. Wien. 16: 532. [Listed.] :518. [Key.]  
 1867 Dallas, Zool. Rec. 3: 560. [Key.]
- Delphax* 1867 Dallas, Zool. Rec. 3: 559. Equals *Araeopus* Stål.
- Araeopus 1868 Kirschbaum, Cicad. Wiesbaden :17. [Listed.] :10. [Key.]
- Arocofusus* [sic] 1869 Lethierry, Cat. Hémip. du Nord :354. [Listed.]
- Delphax* 1869 Stål, Hemip. Fabriciana :117. [Listed.]  
 1870 Walker, Jour. Linn. Soc. Zool. 10: 120. [Listed.]  
 1870 Scott, Ent. Monthly Mag. 7: 23. [Described.] :24. [Notes.] Equals  
*Araeopus* Spin.
- Araeopus 1870 Oshanin, Mém. Soc. Amis. Sci. Nat. Moscou 6: 45. [Listed.]
- Delphax* 1870 Walker, Zoologist (2) 5: 2403. [Listed.]  
 1871 Oshanin, Bull. Imp. Soc. Nat. Hist. Imp. Univ. Moscou 6 (3): 29.  
 [Listed.]  
 1871 Sahlberg, Not. Fennica [n. s.] 9 (12): 397. [Described.] :56. [Listed.]  
 :74. [Key.] :23. [Dimorphism.]  
 1871 Staveley, British Insects 1871: 301. [Listed.] :312. [Key.]
- Araeopus 1872 Fieber, Kat. Europäischen Cicad. :5. [Listed.] Equals *Cicada* Creutz.  
 Equals *Delphax* Auct. Equals *Asiraca* Auct.
- Arocofusus* [sic] 1874 Lethierry, Cat. Hémip. Dept. du Nord Second Ed. :256 (52).  
 [Listed.]
- Araeopus 1874 Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 82. [Listed.]  
 1875 Fieber, Cicad. d'Europe Pt. 1: 367 (80) [Key.]
- 1875 Puton, Cat. Hémip. d'Europe 2 Ed. :117. [Listed.] Equals *Delphax*  
 Fabr.
- Delphax* 1876 Douglas and Scott, Cat. British Hemip. :66. [Listed.]



*Araeopus*

- Araeopus* 1876 Fieber, Cicad. d'Europe Pt. 2: Pl. 7. [Illustrated.]  
*Delphax* 1876 Uhler, Bull. United States Geol. Geog. Surv. Terr. 1 (5): 352. [Listed.]
- Araeopus* 1878 Fieber, Cicad. d'Europe Pt. 3: 272 (3). [Described.] Equals *Asiraca* Latr. [in part.] Equals *Cicada* Panz. [in part.] Equals *Delphax* Fabr. :273 (4). [Key to species.]
- 1879 Mulsant and Rey, Ann. Soc. Linn. Lyon [n. s.] 25: 321. [Key to species.]
- Delphax* 1879 Berg, An. Soc. Cient. Argentina 8: 187. Equals *Acrocoepus* [sic] Spin.  
 1879 Berg, Hemip. Argentina :222. Equals *Acrocoepus* [sic] Spinola.
- Araeopus* 1880 Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 54. [Listed.]  
*Delphax* 1882 Scudder, Nomenclator Zoologicus Univ. Index :93. [Listed.]  
*Araeopus* 1882 Scudder, Nomenclator Zoologicus Univ. Index :26. [Listed.]  
 1882 Ferrari, Cicad. Agr. Linguistici :88 (16). [Listed.] :87 (15). [Key.]  
 1884 Mayr, Tabellen :18. [Key.]
- Delphax* 1884 Uhler, Standard Nat. Hist. 2: 241. [Listed.]  
*Araeopus* 1885 Ivanoff, Liste des Cigales :89 (7). [Listed.] :97 (15). [Key.] :111 (29). [Listed.]
- Delphax* 1885 Girard, Traité élémentaire d'entomologie 3: 866. [Described.] :865. [Comparative note.]
- Araeopus* 1886 Edwards, Syn. British Homop.-Cicadina Pt. 1: 56; Pl. 1, Fig. 18. [Described, illustrated.] :55. [Key.]  
 1886 Then, Kat. Österreichischen Cicad. 1886: 12. [Listed.]  
 1886 Puton, Cat. Hémip. Faune Paléarctique 3 Ed.: 72. [Listed.] Equals *Delphax* Fabr.  
 1887 Ragusa, Nat. Siciliano 6: 185. [Listed.]  
 1888 Dubois, Mém. Soc. Linn. Nord. France 7: 154 (58). [Listed.]
- Araeopus* [sic] 1889 Ashmead, Ent. Amer. 5: 25. [Key.]  
*Delphax* 1890 Saunders and Edwards, Cat. British Hemiptera 1890: 11. [Listed.]  
 1890 Buckton, Mon. British Cicadae 1: 29. [Described.] :28. [Key.]  
 1890 Smith, Cat. Ins. New Jersey :440. [Listed.]
- Araeopus* 1890 Hansen, Ent. Tidskr. 11: 44. [Morphology.]  
*Delphax* 1890 Buckton, Mon. British Cicadae 2: xxv, xxvi. [Listed.]  
 1891 Buckton, Mon. British Cicadae 6: 96. [Note.]  
 1891 Buckton, Mon. British Cicadae 8: 157. [Genitalia.]
- Araeopus* 1891 Fokker, Cat. Nederland Hemip. :365. [Listed.]  
*Delphax* 1891 Oshanin, Mém. Sect. caucasienne Soc. russe Geogr. 23 (1): 48. [Listed.] Equals *Araeopus* Spin. :58. [Listed.]
- Araeopus* 1892 Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]  
 1892 Duda, Cat. Ins. Faunae Bohemicae :28. [Listed.]  
 1892 Dominique, Bull. Soc. Sci. Nat. Ouest France 2: 115. [Listed.]
- Delphax* 1894 Edwards, Hemip.-Homop. British Islands Pt. 1: 30; Pl. 1, Fig. 18. [Described, illustrated.] Equals *Araeopus* :29. [Key.]
- Araeopus* 1895 Wüstnei, Schr. Nat. Ver. Schleswig-Holsteins. 10: 268. [Listed.]  
*Delphax* 1896 Melichar, Cicad. Mittel-Europa :52. [Described.] Equals *Araeopus* Spin. :53. [Key to species.] :49. [Key.]  
 1897 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 228. [Key.] :244. comparative note.] :246. [Synonymy.]
- Araeopus* 1897 Horváth, Fauna Regni Hungariae :55. [Listed.]  
 1899 Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :106. [Listed.] Equals *Delphax* Fabr.
- Delphax* 1900 Kirkaldy, Entomologist 33: 28, 263, 264. [Listed.]  
 1900 Lameere, Manuel Faune Belgique 2: 140. [Key, listed.] Equals *Araeopus* Spin.
- Araeopus* 1900 Hansen, Entomologist 33: 172. [Morphology.]  
 1901 Kirkaldy, Entomologist 34: 340. [Listed.] Equals *Delphax* Fabr. (?).  
 1901 Lambertie, Act. Soc. Linn. Bordeaux 56: 216 (88). [Listed.] Equals *Delphax* Fabr.

- Delphax* 1901 Leonardi, Gli Insetti 4: 135. [Described.] Equals *Cicada* Panz. Equals *Asiraca* Latr. [error.] Equals *Araeopus* Spin.  
 1901 Kirkaldy, Entomologist 34: 340. To *Embolophora* [sic] Stål [error.]  
 1901 Melichar, Wien. Ent. Zeit. 20: 55. [Described, key to species.] Equals *Araeopus* Spin.  
 1902 Dominique, Bull. Soc. Sci. Nat. Ouest France (2) 2: 222. [Listed.]  
 1902 Sherborn, Index Animalium 1758-1800. 1902: 290. [Listed.]
- Araeopus* 1902 Dominique, Bull. Soc. Sci. Nat. Ouest France (2) 2: 222. [Listed.]  
 1903 Kirkaldy, Entomologist 36: 215. [Listed.] :179. [Comparative note.]  
 1903 Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 61 (21). [Listed.] Equals *Delphax* Scott.
- Delphax* 1903 Kirkaldy, Entomologist 36: 215. [Listed.]  
 1904 Hennequy, Les Insectes :140. [Stridulating organs.]
- Araeopus* 1904 Hüeber, Syst. Verz. deutschen Zikadinen :268. [Listed.] Equals *Delphax* Fabr.
- Delphax* 1905 Melichar, Wien. Ent. Zeit. 24: 285. Equals *Araeopus* [sic]  
 1906 Distant, Fauna British India 3: 489. [Comparative note.]
- Araeopus* 1906 Matsumura, Schr. Nat. Ges. Danzig 11: 75. [Listed.]  
 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 4: 64. [Comparative note.]  
 1907 Oshanin, Verz. Palaeark. Hemip. 2 (2): 298. [Listed.] Equals *Delphax* Fabr. [in part.]  
 1908 Saunders and Edwards, Cat. British Hemiptera 1908: 14. [Listed.] Equals *Delphax* Fabr.
- Delphax* [sic] 1910 Valdes Ragués, An. Acad. Cien. Habana 46: 443. [Listed.]  
 1910 Lambertie, Misc. Ent. 18: 91. [Listed.] Equals *Delphax* Fabr.
- Araeopus* 1912 Oshanin, Kat. Paläark. Hemip. :117. [Listed.] Equals *Delphax* Stål.
- Delphax* 1912 Schmidt, Stett. Ent. Zeit. 73: 148. [Listed.]  
 1912 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 10: 504, 505. [Notes.] Equals *Araeopus* Spin.  
 1913 Melichar, Faune Walouyky Russie 7: 6. [Listed.] Equals *Araeopus* Spin.  
 1914 Crawford, Mon. Delphacidae :577. [Described.] Equals *Araeopus* Spin. :562. [Key.] :603. [Synonymy.] Equals *Araeopus* Spin.
- Delphax* [sic] 1914 Valdes Ragués, Zool. Musc. Cubano "Gundlach" Cat. Gen. :103. [Listed.]
- Delphax* 1915 Jacobsen, Ent. Medd. 10: 318. [Listed.]  
 1915 Muir, Canadian Ent. 47: 262. [Listed.] Equals *Araeopus* Spin. :296. [Key.] :212. [Listed.]
- Araeopus* 1915 Muir, Canadian Ent. 47: 261. To *Delphax* Fabr.  
*Delphax* 1915 Jensen-Haarup, Flora och Fauna 1915: 99. [Described, key to species.] :97. [Key.]  
 1915 Bergroth, Canadian Ent. 47: 215. [Synonymy.] Equals *Araeopus* Spin.  
 1916 Oshanin, Horae Soc. Ent. Rossicae 42: 88. [Bibliography.] Equals *Liburnia* [nec Stål.]
- Araeopus* 1916 Oshanin, Horae Soc. Ent. Rossicae 42: 88. [Bibliography.]  
*Delphax* 1917 Muir, Proc. Hawaiian Ent. Soc. 3: 316, 332. [Notes.]  
*Araeopus* 1920 Tullgren and Wahlgren, Svenska Insekter 1920: 151. [Key.] :152. [Listed.]
- Delphax* 1920 Jensen-Haarup, Danmarks Fauna :31. [Described.] Equals *Araeopus* Spin. :32. [Key to species.] :30. [Key.]  
 1923 Lefroy, Manual of Ent. :260. [Listed.]
- Araeopus* 1923 Sherborn, Index Animalium 3: 421. [Listed.]  
*Delphax* 1924 Lindberg, Acta Soc. Fauna Flora Fennica 56: 45. [Listed.]  
 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 4. [Key.] :18. [Nomenclature.]  
 1925 Handlirsch, Schröder's Handb. Ent. 3 (9): 1112. [Listed.]

**Araeopus**

- Araeopus** 1925 Handlirsch, Schröder's Handb. Ent. 3 (9): 1112. [Listed.]  
 1926 Rémy-Perrier, Homop. Faune France 4: 92. [Key to species.] Equals *Delphax* Fabr. :90. [Key.]  
 1926 Schulze, Kükenthal, and Heider, Nomenclator animalium 1 (2): 252. [Listed.]  
 1927 Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 142. [Listed.]  
**Delphax** 1927 Perrier, Traité de Zoologie 3: 1319. [Described.]  
 1928 Ivanov, Rev. Russe d'Ent. 22: 63, 66. [Morphology of reproductive system.]  
**Araeopus** 1928 Filipieff, Guide to Insects :157. [Key.] :159. [Listed.]  
**Delphax** 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 211. [Key.] Equals *Araeopus* Spin.  
 1930 Weber, Biol. Hemip. :470. [Parasites.]  
 1932 Brues and Melander, Class. Ins. :119. [Listed.]  
 1933 Weber, Lehrbuch der Ent. :658. [Listed.]  
 1935 Wagner, Verh. Ver. Naturw. Heimatforschung 24: 6. [List of German species.]  
 1935 Bodenheimer, Animal Life in Palestine 1935: 297. [Listed.]  
 1935 Haupt, Tierwelt Mitteleuropas 4 (3): 130. [Key.] :136. [Key to species.] Equals *Araeopus* Spin.  
 1935 Karl, Dohrniana 14: 140. [Listed.] Equals *Araeopus* Spin.  
 1937 Kuntze, Arch. Nat. [n. f.] 6: 331, 354. [Ecology.]  
**Araeopus** 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. 82: 280, 297. [Taxonomy.] Equals *Delphax* Fabr.  
 1939 China, Ann. Mag. Nat. Hist. (11) 4: 584. [Listed.] Equals *Delphax* Fabr.  
**Delphax** 1939 Neave, Nomenclator Zoologicus 1: 272. [Listed.]  
 1939 China, Ann. Mag. Nat. Hist. (11) 4: 582, 583. [Nomenclature.]  
 1939 Neave, Nomenclator Zoologicus 2: 30. [Listed.]

**abdominalis** Gistel [nom. nud.]

- 1837 *Delphax abdominalis* Gistel, Cicaden München :107 (12). [Listed.]<sup>1</sup> Germany<sup>1</sup>  
 [nom. nud.]

**albipes** Smith [nom. nud.]

- 1890 *Delphax albipes* Smith, Cat. Ins. New Jersey :440. [Listed.]<sup>1</sup> [nom. nud.] New Jersey<sup>1</sup>

**angulicornis** Latreille

- 1807 *Asiraca angulicornis* Latreille, Genera Crust. et Ins. 3: 167. [n. Africa<sup>1</sup>  
 sp.]<sup>1</sup>  
 1816 *Asiraca angulicornis* de Lamarck, Hist. Nat. Animaux sans Vertébrés 3: 480. [De-  
 scribed.]<sup>1</sup>  
 1830 *Asiraca angulicornis* Germar, Thon Ent. Archiv. 2: 57. [Described.]<sup>1</sup>  
 1834 *Asiraca angulicornis* Guérin-Ménéville, Voyage aux Indes Belanger 1: 479. [Listed.]  
 1835 *Asiraca angulicornis* de Lamarck, Hist. Nat. Animaux sans Vertébrés Second Ed. 4:  
 132. [Described.]<sup>1</sup>  
 1850 *Araeopus angulicornis* Schaum, Allg. Encykl. Ersch und Gruber 51: 69. [Listed.]<sup>1</sup>  
 Equals *Asiraca angulicornis* Latr.  
 1851 *Asiraca angulicornis* Walker, List Homop. British Mus. 2: 360. [Listed.]<sup>1</sup>  
 1859 *Asiraca angulicornis* Dohrn, Cat. Hemip. :62. [Listed.]<sup>1</sup>  
 1923 *Asiraca angulicornis* Sherborn, Index Animalium 2: 319. [Listed.]  
 1924 *Asiraca angulicornis* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 18.  
 [Listed.]

*annulatus* Smith [nom. nud.]

- 1890 *Delphax annulata* Smith, Cat. Ins. New Jersey :440. [Listed.]<sup>1</sup> New Jersey<sup>1</sup>  
[nom. nud.]

*atra* Gistel [nom. nud.]

- 1837 *Delphax atra* Gistel, Cicaden München :107 (12). [Listed.]<sup>1</sup> [nom. nud.] Germany<sup>1</sup>

*atroflavus* Costa [nom. nud.]

- 1834 *Delphax atroflava* Costa, Cenni Zool. :84. [Listed.]<sup>1</sup> [nom. nud.] Italy<sup>1</sup>  
1923 *Delphax atroflava* Sherborn, Index Animalium 3: 552. [Listed.]  
[nom. nud.]

*bisignatus* Costa [nom. nud.]

- 1834 *Delphax bisignata* Costa, Cenni Zool. :84. [Listed.]<sup>1</sup> [nom. nud.] Italy<sup>1</sup>  
1924 *Delphax bisignata* Sherborn, Index Animalium 4: 787. [Listed.]  
[nom. nud.]

*candicans* Costa [nom. nud.]

- 1834 *Delphax candicans* Costa, Cenni Zool. :84. [Listed.]<sup>1</sup> [nom. nud.] Italy<sup>1</sup>  
1924 *Delphax candicans* Sherborn, Index Animalium 5: 1037. [Listed.]  
[nom. nud.]

*cinctus* Gistel [nom. nud.]

- 1837 *Delphax cincta* Gistel, Cicaden München :107 (12). [Listed.]<sup>1</sup> Germany<sup>1</sup>  
[nom. nud.]

*clavicornis* Fabricius. See *Asiraca clavicornis* Fabricius.

*consimilis* Popenoe [nom. nud.]

- 1885 *Delphax consimilis* Popenoe, Trans. Kansas Acad. Sci. 9: 63. Kansas<sup>1</sup>  
[Listed.]<sup>1</sup> [nom. nud.]

*conspersinervis* Lethierry

- 1890 *Araeopus conspersinervis* Lethierry, Ann. Soc. Ent. France (6) 10: Venezuela<sup>1</sup>  
151. [n. sp.]<sup>1</sup>  
1914 *Delphax conspersinervis* Crawford, Mon. Delphacidae :577. [Listed.]<sup>1</sup>  
1926 *Delphax conspersinervis* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 37. [Listed.]  
Equals *Araeopus conspersinervis* Leth.

*crassicornis* Panzer

- 1796 *Cicada crassicornis* Panzer, Faunae Ins. Germanicae 35: 19. Germany<sup>1</sup>  
[n. sp., illustrated.]<sup>1</sup> Sweden<sup>2</sup>  
1796 *Cicada dubia* Panzer, Faunae Ins. Germanicae 35: 20. [n. sp., illu- Breat Britain<sup>3</sup>  
trated.]<sup>1</sup> Ireland<sup>4</sup>  
1798 *Delphax crassicornis* Fabricius, Suppl. Entomologia Syst. :522. Austria<sup>5</sup>  
[Described.]<sup>1</sup> Equals *Cicada crassicornis* Panz. France<sup>6</sup>  
[1800] *Delphax crassicornis* Panzer, Faunae Ins. Germanicae 2 Ed. 35: Italy<sup>7</sup>  
19. [n. sp., illustrated.]<sup>1</sup> Europe<sup>8</sup>  
[1800] *Delphax dubia* Panzer, Faunae Ins. Germanicae 2 Ed. 35: 20. England<sup>9</sup>  
[n. sp., illustrated.]<sup>1</sup> Estonia<sup>10</sup>  
1802 *Delphax crassicornis* Walckenaer, Faune Parisienne Ins. 2: 329. Switzerland<sup>11</sup>  
[Described.] Finland<sup>12</sup>



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- 1802 *Asiraca crassicornis* Latreille, Hist. Nat. Ins. 3: 260. [Described.] Equals *Delphax crassicornis* Fabr. Russia<sup>13</sup>  
Scandinavia<sup>14</sup>
- 1803 *Delphax crassicornis* Fabricius, Systema Rhyng. :83. [Described.]<sup>1</sup> Equals *Cicada crassicornis* Panz. Spain<sup>15</sup>  
Czecho-  
slovakia<sup>16</sup>
- 1804 *Asiraca crassicornis* Latreille, Hist. Nat. Ins. 12: 317. [Described.]<sup>1</sup> Equals *Delphax crassicornis* Fabr. Belgium<sup>17</sup>
- 1804 *Asiraca grisea* Latreille, Hist. Nat. Ins. 12: 317. nom. nov. for *Cicada dubia* Panz. [Described.] Hungary<sup>18</sup>  
Crimea<sup>19</sup>
- 1807 *Asiraca crassicornis* Latreille, Genera Crust. et Ins. 3: 168. [Listed.] Equals *Cicada crassicornis* Panz. Romania<sup>20</sup>  
Tunisia<sup>21</sup>
- 1807 *Asiraca dubia* Latreille, Genera Crust. et Ins. 3: 168. [Listed.] Equals *Cicada dubia* Panz. Caucasus<sup>22</sup>  
Turkestan<sup>23</sup>
- 1819 *Delphax crassicornis* Duméril, Dict. Sci. Nat. 13: 43. [Described.] Equals *Cicada crassicornis* Panz. Batavia<sup>24</sup>  
Denmark<sup>25</sup>
- 1820 *Delphax crassicornis* Donovan, Rees' cyclopaedia 8: [6]. [Described.]<sup>1</sup> North Africa<sup>26</sup>  
West Asia<sup>27</sup>
- 1823 *Asiraca crassicornis* Schinz, Das Thierreich 3: 695. [Listed.] Equals *Cicada crassicornis* Panz. Japan<sup>28</sup>  
Netherlands<sup>29</sup>
- 1823 *Asiraca dubia* Schinz, Das Thierreich 3: 594. [Listed.] Equals *Cicada dubia* Panz. Sicily<sup>30</sup>
- 1826 *Delphax crassicornis* Fallén, Hemip. Sueciae :73. [Described.]<sup>2</sup> Equals *Cicada crassicornis* Fabr.
- 1828 *Asiraca crassicornis* Boitard, Man. Ent. Hist. Nat. Ins. 2: 158. [Described.]<sup>1</sup> Equals *Delphax crassicornis* Fabr.
- 1828 *Asiraca grisea* Boitard, Man. Ent. Hist. Nat. Ins. 2: 157. [Described.]<sup>1</sup> Equals *Cicada dubia* Panz.
- 1829 *Asiraca dubia* Stephens, Nomenclature of British Insects 1829: 66. [Listed.]<sup>3</sup>
- 1829 *Asiraca dubia* Stephens, Catalogue of British Insects 2: 356. [Listed.]<sup>3</sup> Equals *Cicada dubia* Panz. Equals *Asiraca grisea* Latr.
- 1829 *Asiraca dubia* Curtis, Guide Arrang. British Ins. :194. [Listed.]<sup>3,4</sup> Equals *Asiraca grisea* Curt.
- 1830 *Asiraca crassicornis* Germar, Thon Ent. Archiv 2: 57. [Described.]<sup>1</sup> Equals *Delphax crassicornis* Fabr.
- 1830 *Asiraca dubia* Germar, Thon Ent. Archiv 2: 27. [Described.]<sup>5</sup> Equals *Delphax dubia* Panz.
- 1833 *Asiraca dubia* Curtis, British Ent. 10: Pl. 445. Equals *Asiraca grisea* Latr.
- 1835 *Asiraca crassicornis* Herrich-Schäffer, Nom. Ent. 1: 66. [Key.]
- 1835 *Cicada crassicornis* Herrich-Schäffer, Nom. Ent. 1: 102. To *Asiraca* [*crassicornis* Panz.]
- 1835 *Cicada dubia* Herrich-Schäffer, Nom. Ent. 1: 102. To *Asiraca* [*dubia*].
- 1835 *Delphax crassicornis* Herrich-Schäffer, Nom. Ent. 1: 106. To *Asiraca* [*crassicornis*].
- 1835 *Asiraca crassicornis* [sic] Herrich-Schäffer, Nom. Ent. 1: 107. [Listed.] Equals *Delphax crassicornis* [sic] Fabr. Equals *Cicada crassicornis* [sic] Panz.
- 1835 *Asiraca dubia* Herrich-Schäffer, Nom. Ent. 1: 107. [Listed.]
- 1835 *Asiraca crassicornis* Burmeister, Handb. Ent. 2 (1): 151. [Described.]<sup>1</sup> Equals *Delphax crassicornis* Fabr.
- 1837 *Delphax dubia* Gistel, Cicaden München :107 (12). [Listed.]<sup>1</sup>
- 1837 *Asiraca crassicornis* Curtis, Guide Arrang. British Ins. Ed. 2: 223. [Listed.]<sup>3</sup>
- 1837 *Asiraca dubia* Curtis, Guide Arrang. British Ins. Ed. 2: 223. [Listed.]<sup>3</sup>
- 1837 *Delphax crassicornis* Gistel, Cicaden München :107 (12). To *Delphax limbata* Fabr. [error.]
- 1839 *Araeopus crassicornis* Spinola, Ann. Soc. Ent. France 8: 336. [Listed.]<sup>6</sup> Equals *Delphax crassicornis* Fabr. Equals *Asiraca crassicornis* Latr. Equals *Cicada crassicornis* Panz.
- 1840 *Cicada dubia* Zetterstedt, Ins. Lapponica desc. :305. To *Delphax dispar* Fall. [error.]
- 1840 *Asiraque* [sic] *crassicorne* [sic] Comte, Règne Animal: Pl. 68. [Listed.]

- 1840 *Asiraca crassicornis* Herrich-Schäffer, Fauna Ratisbonensis 3 (2): 384. [Listed.]<sup>1</sup>
- 1840 *Araeopus crassicornis* Duponchel, Rev. Zool. 2: 204. [Listed.]<sup>6</sup>
- 1840 *Asiraca crassicornis* Blanchard, Hist. Nat. Ins. Hémipt. 3: 177. [Described.]<sup>1,6</sup> Equals *Delphax crassicornis* Fabr.
- 1843 *Asiraca crassicornis* Boitard, Nouveau Man. Ent. 3: 85. [Described.]<sup>1</sup> Equals *Delphax crassicornis* Fabr.
- 1843 *Asiraca grisea* Boitard, Nouveau Man. Ent. 3: 85. [Described.]<sup>1</sup> Equals *Cicada dubia* Panz.
- 1843 *Asiraca crassicornis* Contarini, Cat. Ins. 4: 29. [Listed.]<sup>7</sup>
- 1845 *Asiracae* [sic] *crassicornis* [sic] Boheman, Handl. Svenska Vet. Akad. 1845: 59. [Comparative note.]
- 1847 *Delphax dubia* Amyot, Ann. Soc. Ent. France (2) 5: 172. To *Javesa* Amyot [error.]
- 1848 *Delphax dubia* Amyot, Méth. Mon. :368. To *Javesa* Amyot [error.]
- 1849 *Araeopus crassicornis* Blanchard, d'Orbigny Dict. Univ. Hist. Nat. 2: 64. [Listed.]
- 1850 *Araeopus crassicornis* Schaum, Allg. Encykl. Ersch und Gruber 51: 69. [Listed.]<sup>8</sup> Equals *Delphax crassicornis* Fabr. Equals *Asiraca crassicornis* Burm. Equals *Cicada crassicornis* Panz.
- 1850 *Asiraca crassicornis* Boheman, Handl. Svenska Vet. Akad. 1849: 256. [Listed.]<sup>2</sup>
- 1850 *Asiraca crassicornis* Blanchard, Hist. Nat. Ins. 3 (1): 177. [Described.]<sup>1,6</sup> Equals *Delphax crassicornis* Fabr.
- 1851 *Araeophus* [sic] *crassicornis* Walker, List Homop. British Mus. 2: 359. [Listed.]<sup>9</sup> Equals *Asiraca grisea* Latr. Equals *Asiraca crassicornis*. Equals *Delphax crassicornis*. Equals *Cicada crassicornis*. Equals *Asiraca pulchella* Curt. [error.] Equals *Asiraca dubia* Panz.
- 1854 *Asiraca crassicornis* de Graaf and Snellen von Vollenhoven, Herklots' Bouwstoffen fauna van Nederland 1 (3): 182. [Listed.]<sup>29</sup>
- 1855 *Asiraca crassicornis* Faimaire, Histoire Naturelle de la France. Hémiptères 1855: 145. [Described.]<sup>6</sup>
- 1856 *Asiraca crassicornis* Yersin, Ann. Soc. Ent. France (3) 4: 748. [Listed.]<sup>6</sup>
- 1857 *Asiraca crassicornis* Perris, Ann. Soc. Linn. Lyon 4: 170 (90). [Listed.]<sup>6</sup>
- 1859 *Araeophus* [sic] *crassicornis* Dohrn, Cat. Hemip. :62. [Listed.]<sup>9</sup> Equals *Araeophus* [sic] *pulchellus* Curt. [error.] Equals *Araeophus* [sic] *dubius* Panz. Equals *Araeophus* [sic] *griseus* Latr.
- 1859 *Asiraca crassicornis* Signoret, Nouveau guide de l'amateur d'insectes 1859: 49. [Listed.]
- 1860 *Delphax crassicornis* Duméril, Mém. Acad. Sci. Inst. Imp. 31: 1061. [Described.]
- 1860 *Delphax crassicornis* Duméril, Entomologie Analytique 2: 1061. [Described.]
- 1860 *Araeophus* [sic] *crassicornis* Walker, List British Hemip. :17. [Listed.]<sup>9</sup> Equals *Araeophus* [sic] *dubia* Creutz. Equals *Araeophus* [sic] *pulchella* Curt. [error.]
- 1861 *Araeopus crassicornis* Flor, Rhynch. Livlands 2: 88. [Described.]<sup>1,2,5,7,9,10,11</sup> Equals *Asiraca crassicornis* Burm. Equals *Asiraca pulchella* Curt. [error.] Equals *Asiraca dubia* Germ. Equals *Delphax crassicornis* Fabr. Equals *Delphax basilinea* Panz. [error.] Equals *Cicada crassicornis* Panz. Equals *Cicada dubia* Panz. :84. [Comparative note.]
- 1862 *Asiraca dubia* Curtis, Homop. British Ent.: Pl. 445. Equals *Asiraca grisea* Latr.
- 1862 *Asiraca crassicornis* Graaf, Six, and Snellen van Vollenhoven, Tijdschr. Ent. 5: 77. [Listed.]<sup>29</sup>
- 1865 *Araeopus crassicornis* Marshall, Ent. Monthly Mag. 2: 31. Equals *Delphax crassicornis* Fabr.
- 1866 *Araeopus crassicornis* Fieber, Verh. Zool. Bot. Ges. Wien 16: 518, 532. [Listed.]
- 1866 *Araeopus* [sic] *crassicornis* Fieber, Verh. Zool. Bot. Ges. Wien 16: 522. [Described.]
- 1868 *Asiraca crassicornis* Sahlberg, Not. Fennica (n. s.) 9 (9): 219. [Notes.]<sup>2</sup>
- 1868 *Araeopus crassicornis* Kirschbaum, Cicad. Wiesbaden :18. [Described.]<sup>1</sup>
- 1868 *Delphax dubia* Kirschbaum, Cicad. Wiesbaden :31. [Comparative note.]
- 1868 *Asiraca crassicornis* Signoret, Guide de l'amateur d'insectes 1868: 62. [Listed.]
- 1869 *Delphax crassicornis* Stål, Hemip. Fabriciana 2: 117. [Listed.]
- 1869 *Araeophus* [sic] *crassicornis* Lethierry, Cat. Hémipt. du Nord :354. [Listed.]<sup>6</sup>

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- 1870 *Delphax crassicornis* Scott, Ent. Monthly Mag. 7: 75. [Listed.]<sup>8</sup>
- 1870 *Araeopus crassicornis* Oshanin, Mém. Soc. Amis Sci. Nat. Moscou 6: 45. [Listed.]<sup>13</sup>
- 1871 *Araeopus crassicornis* Oshanin, Bull. Imp. Soc. Nat. Hist. Imp. Univ. Moscou 6 (3): 29. [Listed.]<sup>13</sup>
- 1871 *Delphax crassicornis* Sahlberg, Not. Fennica (n. s.) 9 (12): 56. [Listed.]<sup>2,12</sup> :399. [Described.]<sup>14</sup> Equals *Asiraca crassicornis* Burm. Equals *Araeopus crassicornis* Flor. :39. [Ecology.]
- 1872 *Araeopus crassicornis* Fieber, Kat. Europäischen Cicad. :5. [Listed.]<sup>8</sup> Equals *Araeopus dubia* Creutz.
- 1874 *Araeopus crassicornis* Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 82. [Listed.]<sup>1</sup>
- 1875 *Araeopus crassicornis* Puton, Cat. Hémipt. d'Europe 2 Ed. :117. [Listed.]<sup>8</sup> Equals *Araeopus dubius* Creutz.
- 1878 *Araeopus crassicornis* Fieber, Cicad. d'Europe Pt. 3: 274 (5). [Described.]<sup>8</sup> Equals *Cicada crassicornis* Panz. Equals *Delphax crassicornis* Fabr. Equals *Asiraca crassicornis* Burm. :273 (4). Equals *Javesa* Amyot [non binom.] [error.] Equals *Cicada dubia* Panz.
- 1879 *Araeopus crassicornis* Mulsant and Rey, Ann. Soc. Linn. Lyon (n. s.) 25: 321. [Key.]
- 1879 *Araeopus crassicornis* Bolivar and Chicote, Ann. Soc. Esp. 8: 179 (33); Pl. 3, Figs. 5, 5a. [Listed, illustrated.]<sup>15</sup>
- 1880 *Araeopus crassicornis* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 54. [Listed.]<sup>6</sup>
- 1882 *Araeopus crassicornis* Ferrari, Cicad. Agri Liguistici :88 (16). [Described.]
- 1882 *Asiraca crassicornis* Costa, Atti. Acc. Sci. Napoli 9 (16) :59. [Listed.]<sup>7</sup>
- 1883 *Asiraca crassicornis* Karsch, Insektenwelt :649. [Described.]<sup>1</sup>
- 1884 *Araeopus crassicornis* Mayr, Tabellen :18. [Listed.]<sup>1,8</sup>
- 1885 *Asiraca crassicornis* Fairmaire, Hist. Nat. France Hémipt. :145. [Described.]<sup>5</sup>
- 1885 *Araeopus crassicornis* Ivanoff, Liste des Cigales :111 (29). [Described.]<sup>13</sup> :89 (7). [Listed.]
- 1886 *Araeopus crassicornis* Then, Kat. Österreichischen Cicad. 1886: 12. [Listed.]<sup>5,8</sup>
- 1886 *Araeopus crassicornis* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :72. [Listed.]<sup>1,5</sup> Equals *Araeopus dubius* Creutz.
- 1887 *Araeopus crassicornis* Ragusa, Nat. Siciliano 6: 185. [Listed.]<sup>20</sup>
- 1888 *Cicada crassicornis* Saunders, Index Panzer's Fauna Insectorum Germanicae 1888: 19. [Listed.]
- 1888 *Delphax crassicornis* Saunders, Index Panzer's Fauna Insectorum Germanicae 1888: 24. [Listed.]
- 1888 *Cicada dubia* Saunders, Index Panzer's Fauna Insectorum Germanicae 1888: 19. [Listed.]
- 1888 *Delphax dubia* Saunders, Index Panzer's Fauna Insectorum Germanicae 1888: 24. [Listed.]
- 1890 *Araeopus crassicornis* Funk, Ber. Nat. Ges. Bamberg 15: 140. [Listed.]<sup>1</sup>
- 1890 *Araeopus crassicornis* Hansen, Ent. Tidskr. 11: 39. [Morphology.] Equals *Delphax crassicornis* Fabr.
- 1891 *Araeopus crassicornis* Fokker, Cat. Nederland Hemip. :365. [Listed.]<sup>29</sup>
- 1891 *Delphax crassicornis* Oshanin, Mém. Sect. caucasienne Soc. russe Geogr. 23 (1): 48. [Listed.]<sup>13</sup>
- 1892 *Araeopus crassicornis* Duda, Cat. Ins. Faunae Bohemicae :28. [Listed.]<sup>16</sup> Equals *Araeopus dubius* Creutz.
- 1892 *Araeopus crassicornis* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>17</sup>
- 1894 *Delphax crassicornis* Edwards, Hemip.-Homop. British Islands Pt. 1: 30. [Notes.]<sup>2,12</sup>
- 1895 *Araeopus crassicornis* Wüstnei, Schr. Nat. Ver. Schleswig-Holsteins. 10: 268 [Listed.]<sup>1</sup>
- 1896 *Delphax crassicornis* Melichar, Cicad. Mittel-Europa :53; Pl. 3, Figs. 38–41. [Key, described, illustrated.]<sup>5,8</sup> Equals *Cicada crassicornis* Panz. Equals *Cicada clavicornis* Fabr. [error.] Equals *Delphax basilinea* H.-S. [error.] Equals *Asiraca crassicornis* Germ. Equals *Araeopus crassicornis* Fieb.

- 1897 *Araeopus crassicornis* Horváth, Fauna Regni Hungariae :55. [Listed.]<sup>8</sup>  
 1897 *Asiraca crassicornis* Acloque, Faune France :401. [Key.]<sup>6</sup>  
 1899 *Araeopus crassicornis* Melichar, Ent. Jahrb. 1899: (9). [Listed.]  
 1899 *Delphax crassicornis* Melichar, Wien. Ent. Zeit. 18: 180. [Listed.]<sup>21</sup> Equals *Araeopus crassicornis* Fabr.  
 1899 *Araeopus crassicornis* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :106. [Listed.]<sup>1,5</sup> Equals *Araeopus dubius* Creutz.  
 1900 *Araeopus crassicornis* Hansen, Entomologist 33: 169. [Morphology.]  
 1901 *Delphax crassicornis* Melichar, Wien. Ent. Zeit. 20: 55. [Key.]  
 1901 *Delphax crassicornis* Leonardi, Gli Insetti 4: 135; Fig. 47. [Described, illustrated.]<sup>8</sup> Equals *Cicada crassicornis* Panz. Equals *Asiraca crassicornis* Latr. Equals *Areophus* [sic] *crassicornis* Spin.  
 1901 *Delphax crassicornis* Melichar, Ent. Jahrb. 1901: 42 (9). [Listed.]  
 1901 *Araeopus crassicornis* Lambertie, Act. Soc. Linn. Bordeaux 56: 216 (88). [Listed.]<sup>6</sup>  
 1902 *Cicada crassicornis* Sherborn, Index Animalium 1758-1800. 1902: 255. [Listed.]  
 1902 *Delphax crassicornis* Sherborn, Index Animalium 1758-1800. 1902: 255. [Listed.] Equals *Cicada crassicornis* Panz.  
 1902 *Cicada dubia* Sherborn, Index Animalium 1758-1800. 1902: 313. [Listed.]  
 1902 *Araeopus crassicornis* Hansen, Entomologist 35: 236. [Morphology.]  
 1904 *Araeopus crassicornis* Hübner, Syst. Verz. deutschen Zikadinen :268. [Listed.]<sup>1</sup> Equals *Araeopus dubius* Creutz.  
 1906 *Delphax crassicornis* Schugurov, Zool. Anz. 30: 712. [Listed.]<sup>19</sup>  
 1906 *Araeopus crassicornis* Matsumura, Schr. Nat. Ges. Danzig 11: 75. [Listed.]<sup>1</sup>  
 1907 *Araeopus crassicornis* Oshanin, Cat. Honop. St. Pétersbourg 1907: 243 (31). [Listed.]<sup>13</sup>  
 1907 *Araeopus crassicornis* Oshanin, Verz. Palaeark. Hemip. 2 (2): 298. [Listed.]<sup>1,2,5,6,13,15,18,20,21,22,23</sup> Equals *Delphax crassicornis* Fabr. Equals *Cicada crassicornis* Panz. Equals *Cicada dubia* Panz.  
 1907 *Delphax crassicornis* Bierman, Ent. Berichten 2: 164. [Listed.]  
 1908 *Araeopus crassicornis* Oshanin, Verz. Palaeark. Hemip. 2 (3): 450. [Listed.]<sup>13,24</sup>  
 1910 *Araeopus crassicornis* Lambertie, Misc. Ent. 18: 91. [Listed.]<sup>6</sup> Equals *Araeopus dubius* Creutz.  
 1912 *Delphax crassicornis* Schmidt, Stett. Ent. Zeit. 73: 148. [Notes.]<sup>1</sup>  
 1912 *Araeopus crassicornis* Oshanin, Kat. Paläark. Hemip. :117. [Listed.]<sup>8,21,22,23</sup> Equals *Araeopus dubius* Panz.  
 1913 *Delphax crassicornis* Melichar, Faune Walouyki Russie 7: 6. [Listed.]<sup>13</sup>  
 1914 *Araeopus crassicornis* Haupt, Ent. Jahrb. 23: 166 (8). [Ecology.]<sup>1</sup>  
 1914 *Araeopus crassicornis* Melichar, Mitt. Kaukasischen Mus. 8: 133 (7). [Listed.]<sup>22</sup>  
 1915 *Delphax crassicornis* Jacobsen, Ent. Medd. 10: 318. [Listed.]<sup>25</sup>  
 1915 *Delphax crassicornis* Jensen-Haarup, Flora och Fauna 1915: 99; Fig. 10A. [Described key, illustrated.]<sup>25</sup>  
 1917 *Delphax crassicornis* Muir, Proc. Hawaiian Ent. Soc. 3: 316. [Notes.] :332. [Listed.]  
 1920 *Delphax crassicornis* Jensen-Haarup, Danmarks Fauna :32; Fig. 14A. [Described, key, illustrated.]<sup>8,14,25,26,27</sup>  
 1920 *Araeopus crassicornis* Tullgren and Wahlgren, Svenska Insekter 1920: 152. [Notes.]<sup>2</sup>  
 1924 *Delphax crassicornis* Lindberg, Acta Soc. Fauna Flora Fennica 56: 45. [Listed.]<sup>12</sup>  
 1924 *Asiraca crassicornis* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 18. [Listed.]  
 1924 *Delphax crassicornis* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 18. [Listed.]  
 1924 *Asiraca grisea* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 18. [Listed.]  
 1924 *Asiraca dubia* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 18. [Listed.]  
 1925 *Araeopus crassicornis* Sherborn, Index Animalium 7: 1592. [Listed.] Equals *Delphax crassicornis* Fabr.  
 1925 *Asiraca crassicornis* Sherborn, Index Animalium 7: 1592. [Listed.] Equals *Delphax crassicornis* Fabr.]



*Araeopus*

- 1926 *Asiraca dubia* Sherborn, Index Animalium 9: 2026. [Listed.] Equals *Cicada* [*dubia* Panz.] Equals *Delphax* [*dubia* Panz.]  
 1926 *Delphax dubia* Sherborn, Index Animalium 9: 2028. [Listed.]  
 1926 *Asiraca grisea* Sherborn, Index Animalium 11: 2833. [Listed.]  
 1928 *Araeopus crassicornis* Filipieff, Guide to Insects :159. [Described.]  
 1928 *Araeopus crassicornis* Ivanov, Mém. Acad. Sci. Ukraine 6: 197. [Listed.]<sup>13</sup>  
 1928 *Araeopus crassicornis* Ivanov, Trav. Mus. Zool. 1928: 501. [Listed.]<sup>13</sup>  
 1929 *Delphax crassicornis* Haupt, Zool. Jahrb. Syst. Ökol. 58: 192; Fig. 20. [Illustrated.]  
 1930 *Araeopus crassicornis* Buchner, Tier und Pflanze in Symbiose 1930: 544. [Symbionts.]  
 1932 *Delphax crassicornis* Esaki, Iconographia Insectorum Japonicorum :1781. [Described, illustrated.]<sup>28</sup>  
 1932 *Delphax crassicornis* Lindberg, Not. Ent. 12: 39; Figs. 1, 3, 4. [Described, illustrated.]<sup>22</sup>  
 1934 *Delphax crassicornis* Ribaut, Bull. Soc. Hist. Nat. Toulouse 66: 281 (1), 282 (2), 283 (3); Figs. 8, 12, 17. [Comparative notes, illustrated.]  
 1935 *Delphax crassicornis* Karl, Dohrniana 14: 140. [Listed.]<sup>1</sup>  
 1935 *Delphax crassicornis* Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 6. [Listed.]<sup>1</sup>  
 1935 *Delphax crassicornis* Haupt, Tierwelt Mitteleuropas 4 (3): 120; Fig. 192. [Illustrated.] :136; Figs. 223, 224. [Key, illustrated.]  
 1937 *Delphax crassicornis* Kuntze, Arch. Nat. (n. f.) 6: 307, 333, 354. [Ecology.]<sup>1</sup>  
 1939 *Delphax crassicornis* Lindberg, Acta Zool. Fennica 22: 17. [Ecology.]<sup>12</sup> :64. [Listed.]<sup>12</sup> :85. [Parasites.]  
 1939 [*Araeopus crassicornis*] China, Ann. Mag. Nat. Hist. (11) 4: 584. Equals *Cicada crassicornis* Panz. Equals *Delphax crassicornis* Fabr.  
*crassicornis* Kirschbaum [nec Panzer]. See *Araeopus pulchellus* Curtis.  
*crassicornis* Marshall [nec Panzer.] See *Araeopus pulchellus* Curtis.  
*cylindricornis* Fabricius. See *Canyra cylindricornis* Fabricius.

**dorsatus** Melichar

- 1905 *Delphax* (*Araeopus* [sic]) *dorsata* Melichar, Wien. Ent. Zeit. 24: 285. Tanganyika Territory<sup>1</sup>  
 [n. sp.]<sup>1</sup>  
*dubius* Panzer. See *Araeopus crassicornis* Panzer.  
*dubius* Curtis [nec Panzer]. See *Araeopus pulchellus* Curtis.

*fulvus* Costa [nom. nud.]

- 1834 *Delphax fulva* Costa, Cenni Zool. :84. [Listed.]<sup>1</sup> [nom. nud.] Italy<sup>1</sup>  
 1926 *Delphax fulva* Sherborn, Index Animalium 10: 2559. [Listed.]  
 [nom. nud.]

**granulinervis** Stål

- 1854 *Delphax granulinervis* Stål, Öfv. Svenska Vet. Akad. Förh. 11: Guam<sup>1</sup>  
 246. [n. sp.]<sup>1</sup> (Micronesia)  
 1858 *Delphax granulinervis* Walker, List Homop. British Mus. Add :325.  
 [Listed.]<sup>1</sup>  
 1859 *Delphax granulinervis* Stål, Freg. Eugenes Resa 4: 275. [Described.]<sup>1</sup>  
 1859 *Delphax granulinervis* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup>

*griseus* Latreille. See *Araeopus crassicornis* Panzer.

**horváthi** Lallemand

- 1925 *Delphax horváthi* Lallemand, Arkiv Zool. 18: 6. [n. sp.]<sup>1</sup> Central Africa<sup>1</sup>

**inermis** Ribaut

1934 *Delphax inermis* Ribaut, Bull. Soc. Hist. Nat. Toulouse **66**: 281 France<sup>1</sup>  
(1); Figs. 1, 2, 3, 5, 9, 13. [n. sp., illustrated.]<sup>1</sup> :285 (5), 286 (6).  
[Comparative notes.]

*lethierryi*. Typographical error for *Araeopus lethierryi* Mulsant and Rey. See *Pseudaraeopus lethierryi* Mulsant and Rey.

*lethierryi* Mulsant and Rey. See *Pseudaraeopus lethierryi* Mulsant and Rey.

*longicornis* Latreille. See *Asiraca longicornis* Latreille.

**marginatus** Gistel [nom. nud.]

1837 *Delphax marginata* Gistel, Cicaden München :107 (12). [Listed.]<sup>1</sup> Germany<sup>1</sup>  
[nom. nud.]

**melanops** Gistel [nom. nud.]

1837 *Delphax melanops* Gistel, Cicaden Fauna München :107 (12). Germany<sup>1</sup>  
[Listed.]<sup>1</sup> [nom. nud.] Equals *Delphax pellucida* Fabr. [error.]

**meridionalis** Haupt

1924 *Araeopus meridionalis* Haupt, Konowia **3**: 297. [n. sp.]<sup>1</sup> South Morea<sup>1</sup>

1934 *Delphax meridionalis* Ribaut, Bull. Soc. Hist. Nat. Toulouse **66**:  
281 (1), 283 (3), 285 (5); Figs. 7, 11, 16. [Comparative notes, illustrated.]

*minki* Fieber. See *Araeopus pulchellus* Curtis.

**narbonensis** Ribaut

1934 *Delphax narbonensis* Ribaut, Bull. Soc. Hist. Nat. Toulouse **66**: France<sup>1</sup>  
285 (5); Figs. 4, 15. [n. sp., illustrated.]<sup>1</sup> :283 (3), 285 (5). [Com-  
parative notes.]

**obscurus** Curtis [nom. nud.]

1829 *Delphax obscurus* Curtis, Guide Arrang. British Ins. :194. [Listed.]<sup>1</sup> Great Britain<sup>1</sup>  
[nom. nud.]

1929 *Delphax obscurus* Curtis, Index Animalium **18**: 4487. [Listed.] [nom. nud.]

*oppositus* Fabricius. See *Southia opposita* Fabricius. Family CIXIIDAE, Fascicle IV, part 2.

**productus** Walker

1851 *Delphax producta* Walker, List Homop. British Mus. **2**: 353. Jamaica<sup>1</sup>  
[n. sp.]<sup>1</sup>

1859 *Delphax producta* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup>

1897 *Delphax producta* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 227, 261. [Listed.]<sup>1</sup>

1914 *Delphax producta* Crawford, Mon. Delphacidae :633. [Listed.]<sup>1</sup>

**pulchellus** Curtis

1829 *Asiraca pulchellus* Curtis, Guide Arrang. British Ins. :194. Great Britain<sup>1</sup>  
[Listed.]<sup>1,2</sup> [nom. nud.] Ireland<sup>2</sup>

1833 *Asiraca pulchella* Curtis, British Ent. **10**: Pl. 445. [n. sp., illus- England<sup>3</sup>  
trated.]<sup>3</sup> Germany<sup>4</sup>

1833 *Asiraca dubia* Curtis, British Ent. **10**: Pl. 445. [Described.]<sup>3</sup> Finland<sup>5</sup>  
Equals *Asiraca grisea* Latr. [error.] Sweden<sup>6</sup>

1837 *Asiraca pulchella* Curtis, Guide Arrang. British Ins. Ed. **2**: 223. Scandinavia<sup>7</sup>  
[Listed.]<sup>1</sup> France<sup>8</sup>

## Araeopus

- 1851 *Asiraca pulchella* Walker, List Homop. British Mus. 2: 359. To Aland Islands<sup>9</sup>  
*Araeopus* [sic] *crassicornis* [error.] Italy<sup>10</sup>
- 1853 *Asiraca vittata* Herklots, Fauna Nederland :182. Sardinia<sup>11</sup>
- 1854 *Asiraca vittata* de Graaf and Snellen van Vollenhoven, Herklots' Belgium<sup>12</sup>  
Bouwstoffen fauna van Nederland 1 (3): 182. [Listed.]<sup>22</sup> British Isles<sup>13</sup>
- 1859 *Araeopus* [sic] *pulchellus* Dohrn, Cat. Hemip. :62. To *Araeopus* Austria<sup>14</sup>  
[sic] *crassicornis* Fabr. [error.] Turkestan<sup>15</sup>
- 1860 *Araeopus* [sic] *pulchella* Walker, List British Hemip. :17. To Batavia<sup>16</sup>  
*Araeopus* [sic] *crassicornis* Fabr. [error.] Bulgaria<sup>17</sup>
- 1861 *Asiraca pulchella* Flor, Rynch. Livlands 2: 90. To *Araeopus crassi* Central Europe<sup>18</sup>  
*cornis* Fabr. [error.] Denmark<sup>19</sup>
- 1862 *Asiraca pulchella* Curtis, Homop. British Ent.: Pl. 445. [De- Yugoslavia<sup>20</sup>  
scribed, illustrated.]<sup>3</sup> Europe<sup>21</sup>
- 1862 *Asiraca dubia* Curtis, Homop. British Ent.: Pl. 445. [Described.]<sup>3</sup> Netherlands<sup>22</sup>  
Equals *Asiraca grisea* Latr. [error.] Russia<sup>23</sup>
- 1862 *Asiraca pulchella* Graaf, Six and Snellen van Vollenhoven, Tij- Japan<sup>24</sup>  
dschr. Ent. 5: 77. [Listed.]<sup>22</sup>
- 1862 *Asiraca vittata* Graaf, Six and Snellen van Vollenhoven, Tijdschr. Ent. 5: 77.  
[Listed.]<sup>22</sup>
- 1865 *Araeopus crassicornis* Marshall, Ent. Monthly Mag. 2: 31. [Described.]<sup>3,4,6,8,10</sup>  
Equals *Asiraca pulchella* Curt. Equals *Asiraca dubia* Curt.
- 1866 *Araeopus* [sic] *minki* Fieber, Verh. Zool. Bot. Ges. Wien 16: 522. [n. sp.]<sup>4</sup> :518. 532.  
[Listed.]
- 1870 *Delphax pulchella* Scott, Ent. Monthly Mag. 7: 24. [Notes.]<sup>3</sup> Equals *Araeopus crassi-*  
*cornis* Marsh. [nec Panz.] Equals *Araeopus minki* Fieb. Equals *Asiraca pulchella*  
Curt. Equals *Asiraca dubia* Curt. [nec Panz.] :75. [Listed.]<sup>1</sup> :27. [Comparative note.]
- 1871 *Delphax minki* Sahlberg, Not. Fennica (n. s.) 9 (12): 56. [Listed.]<sup>5,6</sup> :401. [De-  
scribed.]<sup>7</sup> Equals *Araeopus* [sic] *minki* Fieb. :21. [Dimorphism.] :28, 39. [Ecology.]
- 1872 *Araeopus pulchella* Fieber, Kat. Europäischen Cicad. :5. [Listed.]<sup>3,4</sup> Equals *Araeopus*  
*minki* Fieb. Equals *Asiraca vittata* de G. Equals *Araeopus crassicornis* Kirschb.  
[nec Panz.]
- 1872 *Araeopus pulchellus* Fieber, Verh. Zool. Bot. Ges. Wien 22: 28. Equals *Araeopus*  
*crassicornis* Kirschb. [nec Panz.] Equals *Araeopus minki* Fieb.
- 1874 *Araeopus* [sic] *pulchellus* Lethierry, Cat. Hémip. Dept. du Nord Second Ed. :256  
(52). [Listed.]<sup>8</sup>
- 1875 *Araeopus pulchellus* Puton, Cat. Hémip. d'Europe 2 Ed. :117. [Listed.]<sup>1,4,8</sup> Equals  
*Araeopus crassicornis* Kirschb. [nec Panz.] Equals *Araeopus vittatus* de G. Equals  
*Araeopus minki* Fieb.
- 1875 *Delphax minki* Reuter, Öfv. Svenska Vet. Akad. Förh. 32: 57. [Comparative note.]
- 1875 *Delphax pulchella* Scott, Ent. Monthly Mag. 12: 93. [Comparative note.]
- 1875 *Delphax minki* Reuter, Ann. Soc. Ent. France (5) 5: 233, 234, 235. [Polymorphism.]
- 1876 *Delphax pulchella* Douglas and Scott, Cat. British Hemip. :66. [Listed.]<sup>1</sup> Equals  
*Asiraca pulchella* Curt. Equals *Asiraca dubia* Curt. [nec Panz.] Equals *Araeopus*  
*crassicornis* Marsh. [nec Panz.] Equals *Araeopus minki* Fieb.
- 1878 *Asiraca vittata* Fieber, Cicad. d'Europe Pt. 3: 272 (3). [Note.]
- 1878 *Asiraca pulchella* Dale, History of Glanville's Wootton :303. [Listed.]<sup>3</sup>
- 1878 *Araeopus pulchellus* Fieber, Cicad. d'Europe Pt. 3: 275 (6). [Described.]<sup>3,4</sup> Equals  
*Asiraca pulchella* Curt. Equals *Asiraca dubia* Curt. [nec Panz.] Equals *Araeopus*  
*crassicornis* Marsh. [nec Panz.] Equals *Araeopus minki* Fieb. Equals *Delphax pul-*  
*chella* Scott.
- 1879 *Araeopus pulchellus* Mulsant and Rey, Ann. Soc. Linn. Lyon (n. s.) 25: 321. [Key.]
- 1880 *Araeopus pulchellus* Reuter, Medd. Soc. Fauna Fl. Fennica 5: 196. [Listed.]<sup>9</sup> Equals  
*Delphax minki* Fieb.
- 1882 *Araeopus pulchellus* Ferrari, Cicad. Agri Ligustici :88 (16). [Described.]<sup>10</sup> Equals  
*Asiraca pulchellus* Curt. Equals *Araeopus crassicornis* Kirschb. [nec Panz.] Equals  
*Araeopus minki* Fieb.
- 1884 *Delphax pulchella* Edwards, Trans. Nat. Soc. Norwich 3: 713. [Listed.]<sup>3</sup>

- 1884 *Araeopus pulchellus* Mayr, Tabellen :18. [Listed.]<sup>4</sup>
- 1886 *Araeopus pulchellus* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :72. [Listed.]<sup>1,4,8,10,14</sup> Equals *Araeopus crassicornis* Kirschb. [nec Panz.] Equals *Araeopus vittatus* de G. Equals *Araeopus minki* Fieb.
- 1886 *Delphax pulchella* Edwards, Syn. British Homop.-Cicadina Pt. 1: 56. [Described.]<sup>1</sup> Equals *Asiraca pulchella* Curt. Equals *Asiraca dubia* Curt. [nec Panz.] Equals *Araeopus crassicornis* Marsh. [nec Panz.] :57. Equals *Araeopus minki* Fieb. Equals *Delphax minki* Sahl. Equals *Araeopus pulchellus* Fieb.
- 1888 *Araeopus pulchellus* Costa, Atti. Acc. Sci. Napoli (2) 1 (2): 70. [Listed.]<sup>11</sup>
- 1888 *Araeopus pulchellus* Costa, Atti. Acc. Sci. Napoli (2) 1 (9): 39. [Listed.]<sup>11</sup>
- 1888 *Araeopus pulchellus* Dubois, Mém. Soc. Linn. Nord France 7: 154 (58). [Listed.]<sup>8</sup>
- 1890 *Araeopus* [sic] *pulchellus* Dominique, Ann. Soc. Acad. Loire-Inférieure 1890: 110 (26). [Listed.]<sup>8</sup>
- 1890 *Delphax pulchella* Saunders and Edwards, Cat. British Hemiptera 1890: 11. [Listed.]<sup>1</sup>
- 1890 *Delphax pulchella* Buckton, Mon. British Cicadae 1: 29; Pl. 8, Figs. 8-14. [Described, illustrated.]<sup>1</sup> Equals *Delphax dubia* Curt. [nec Panzer.] Equals *Araeopus crassicornis* Marsh. [nec Panzer.] Equals *Araeopus pulchellus* Fieb. Equals *Araeopus minki* Fieb. Equals *Delphax minki* Sahlb.
- 1891 *Delphax pulchella* Buckton, Mon. British Cicadae 8: 162; Pl. VIII, Fig. 11. [Genitalia, illustrated.]
- 1891 *Delphax pulchellus* Buckton, Mon. British Cicadae 8: 192. [Ecology.]
- 1891 *Araeopus pulchellus* Fokker, Cat. Nederland Hemip. :365. [Listed.]<sup>22</sup>
- 1892 *Araeopus pulchellus* Ferrari, Ann. Mus. Genova (2) 12: 569 (21). [Listed.]<sup>10</sup>
- 1892 *Araeopus pulchellus* Dominique, Bull. Soc. Sci. Nat. Ouest France 2: 115. [Listed.]<sup>8</sup>
- 1892 *Araeopus pulchellus* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>12</sup>
- 1894 *Delphax pulchella* Edwards, Hemip.-Homop. British Islands Pt. 1: 30; Pl. 4, Fig. 2. [Described, illustrated.]<sup>13</sup>
- 1896 *Delphax pulchella* Melichar, Cicad. Mittel-Europa :54; Pl. 3, Figs. 42-45. [Described, illustrated.]<sup>4,14</sup> Equals *Asiraca pulchella* Curt. Equals *Asiraca dubia* Curt. [nec Panz.] Equals *Asiraca crassicornis* Marsh. [nec Fabr.] Equals *Araeopus minki* Fieb. Equals *Araeopus pulchella* Fieb. :53. [Key.]
- 1898 *Delphax pulchella* Bloomfield, Natural History of Hastings. Third Suppl. 1898: 20. [Listed.]<sup>3</sup>
- 1899 *Araeopus pulchellus* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :106. [Listed.]<sup>1,4,8,10,14</sup> Equals *Araeopus crassicornis* Kirschb. [nec Fabr.] Equals *Araeopus vittatus* de G. Equals *Araeopus minki* Fieb.
- 1900 *Delphax pulchella* Lameere, Manual Fauna Belgique 2: 140. [Described.]<sup>12</sup>
- 1901 *Araeopus pulchellus* Lambertie, Act. Soc. Linn. Bordeaux 56: 216 (88). [Listed.]<sup>8</sup>
- 1901 *Delphax pulchellus* Melichar, Wien. Ent. Zeit. 20: 55. [Key.]
- 1902 *Araeopus pulchellus* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) 2: 222. [Listed.]<sup>8</sup>
- 1903 *Araeopus pulchellus* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 61 (21). [Listed.]<sup>10</sup>
- 1904 *Araeopus pulchellus* Hübner, Syst. Verz. deutschen Zikadinen :268. [Listed.]<sup>4</sup> Equals *Araeopus crassicornis* Kirschb. [nec Panz.] Equals *Araeopus vittatus* de G. Equals *Araeopus minki* Fieb.
- 1907 *Delphax pulchella* Butler, Hemip. Hastings :56. [Listed.]<sup>3</sup> :49. [Notes.]<sup>3</sup>
- 1907 *Araeopus pulchellus* Matsumura, Annot. Zool. Japonenses 6: 88. [Listed.]<sup>24</sup>
- 1907 *Araeopus pulchellus* Oshanin, Verz. Palaeark. Hemip. 2 (2): 298. [Listed.]<sup>1,4,5,6,8,14,15</sup> Equals *Asiraca pulchella* Curt. Equals *Asiraca dubia* Curt. [nec Panz.] Equals *Araeopus crassicornis* Marsh. [nec Fabr.] Equals *Araeopus minki* Fieb. Equals *Delphax minki* Sahlb. Equals *Delphax pulchella* Scott. Equals *Asiraca vittata* Herkl.
- 1908 *Araeopus pulchellus* Whittaker, Hemip.-Homop. Lancashire and Cheshire :22. [Listed.]<sup>3</sup> Equals *Delphax* [sic] *pulchellus* Curt.]
- 1908 *Araeopus pulchellus* Saunders and Edwards, Cat. British Hemiptera 1908: 14. [Listed.]<sup>1</sup>
- 1908 *Araeopus pulchellus* Oshanin, Verz. Palaeark. Hemip. 2 (3): 450. [Listed.]<sup>16</sup>



*Araeopus*

- 1910 *Araeopus pulchellus* Lambertie, Misc. Ent. **18**: 91. [Listed.]<sup>8</sup> Equals *Araeopus crassicornis* Kirschb. [nec Fabr.] Equals *Araeopus vittatus* de G. Equals *Araeopus minki* Fieb.
- 1910 *Araeopus pulchellus* Oshanin, Ann. Mus. Zool. St. Petersburg **15**: 185. [Listed.]<sup>17</sup>
- 1912 *Arcopus* [sic] *pulchellus* Schumacher, Ent. Rundsch. **29**: 95. [Listed.]<sup>22</sup> Equals *Delphax pulchellus* Curt.
- 1912 *Araeopus pulchellus* Oshanin, Kat. Paläark. Hemip. :117. [Listed.]<sup>15,18</sup> Equals *Araeopus dubius* Curt. [nec Panz.] Equals *Araeopus minki* Fieb.
- 1914 *Araeopus pulchellus* Fryer and Fryer, Ent. Monthly Mag. **50**: 8. [Listed.]<sup>3</sup> :9. [Described.]
- 1915 *Delphax pulchella* Jacobsen, Ent. Medd. **10**: 318. [Listed.]<sup>19</sup>
- 1915 *Delphax pulchella* Jensen-Haarup, Flora och Fauna **1915**: 99; Fig. 10B. [Described, key, illustrated.]<sup>19</sup> Equals *Delphax minki* Fieb.
- 1918 *Delphax pulchella* Horváth, Ann. Mus. Nat. Hungarici **16**: 331. [Listed.]<sup>20</sup>
- 1920 *Delphax pulchella* Jensen-Haarup, Danmarks Fauna :33; Fig. 14B. [Described, illustrated.]<sup>15,19,21</sup> Equals *Delphax minki* Fieb. :32. [Key.]
- 1920 *Araeopus pulchellus* Tullgren and Wahlgren, Svenska Insekter **1920**: 152. [Notes.]<sup>6</sup>
- 1924 *Araeopus pulchellus* Brown, Ent. Monthly Mag. **60**: 118. [Listed.]<sup>3</sup>
- 1924 *Delphax pulchellus* Lindberg, Acta Soc. Fauna Flora Fennica **56**: 45. [Listed.]<sup>6</sup> Equals *Delphax minki* Fieb.
- 1926 *Araeopus pulchellus* Rémy-Perrier, Homop. Faune France **4**: 92. [Key.]<sup>8</sup> :88; Fig. AC. [Illustrated.]
- 1927 *Araeopus pulchellus* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) **9**: 142. [Listed.]<sup>8</sup>
- 1928 *Araeopus pulchellus* Filipieff, Guide to Insects :159. [Described.]
- 1928 *Araeopus pulchellus* Ivanov, Mém. Acad. Sci. Ukraine **6**: 197. [Listed.]<sup>23</sup>
- 1928 *Araeopus pulchellus* Ivanov, Trav. Mus. Zool. **1928**: 501. [Listed.]<sup>23</sup>
- 1929 *Asiraca pulchellus* Sherborn, Index Animalium **21**: 5223. [Listed.]
- 1930 *Araeopus pulchellus* Britten, Check List Fauna Lancashire and Cheshire **1**: 74. [Listed.]<sup>3</sup>
- 1932 *Delphax pulchella* Lindberg, Not. Ent. **12**: 39; Figs. 2, 5, 6. [Described, illustrated.]
- 1934 *Delphax pulchella* Ribaut, Bull. Soc. Hist. Nat. Toulouse **66**: 281 (1), 283 (3), 285 (5); figs. 6, 10, 14. [Comparative notes, illustrated.]
- 1935 *Araeopus pulchellus* Halbert, Proc. R. Irish Acad. **42** (Sect. B): 310. [Listed.]<sup>2</sup>
- 1935 *Delphax pulchella* Haupt, Tierwelt Mitteleuropas **4** (3): 137. [Key.]
- 1937 *Delphax pulchellus* Kuntze, Arch. Nat. (n. f.) **6**: 306, 307, 333, 354. [Ecology.]<sup>4</sup>
- 1939 *Delphax pulchella* Lindberg, Acta Zool. Fennica **22**: 17. [Ecology.]<sup>5</sup> :85. [Parasites.]

*quadripunctatus* Gistel [nom. nud.]

- 1837 *Delphax quadripunctata* Gistel, Cicaden München :107 (12). Germany<sup>1</sup>  
[Listed.]<sup>1</sup> [nom. nud.]

*setosus* Germar.

- 1830 *Asiraca setosa* Germar, Thon Ent. Archiv. **2**: 57. [n. sp.]<sup>1</sup> Brazil<sup>1</sup>
- 1850 *Araeopus setosus* Schaum, Allg. Encykl. Ersch und Gruber **51**:  
69. [Listed.]<sup>1</sup> Equals *Asiraca setosus* Germ.
- 1930 *Asiraca setosa* Sherborn, Index Animalium **24**: 5924. [Listed.]

*thoracicus* Gistel [nom. nud.]

- 1837 *Delphax thoracica* Gistel, Cicaden München :107 (12) [Listed.]<sup>1</sup> Germany<sup>1</sup>  
[nom. nud.]

*tricarinatus* Gistel [nom. nud.]

- 1837 *Delphax tricarinata* Gistel, Cicaden München :107 (12). [Listed.]<sup>1</sup> Germany<sup>1</sup>  
[nom. nud.]

*variegatus* Gistel [nom. nud.]

1837 *Delphax variegata* Gistel, Cicaden München :107 (12). [Listed.] Germany<sup>1</sup>  
[nom. nud.]

*vittatus* Herklots. See *Araeopus pulchellus* Curtis.

### Genus **HOLZFUSSELLA** Schmidt

Orthotype *Holzfussella bitaeniata* [n. sp.] 1926 Schmidt, Treubia 7: 251.

Holzfussella 1926 Schmidt, Treubia 7: 251. [gen. n.]

1939 Neave, Nomenclator Zoologicus 2: 678. [Listed.]

#### **bitaeniata** Schmidt

1926 *Holzfussella bitaeniata* Schmidt, Treubia 7: 252. [n. sp.]<sup>1</sup> Buru<sup>1</sup>

### Genus **LEPTODELPHAX** Haupt

Orthotype *Leptodelphax cyclops* [n. sp.] 1927 Haupt, Homop. Palestine 1: 10.

Type *Leptodelphax cyclops* 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 213.

Leptodelphax 1927 Haupt, Homop. Palestine 1: 10. [gen. n.]

1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 212. [Notes.]

1939 Neave, Nomenclator Zoologicus 2: 911. [Listed.]

#### **cyclops** Haupt

1927 *Leptodelphax cyclops* Haupt, Homop. Palestine 1: 10; Pl. 1, Figs. Palestine<sup>1</sup>  
7a, b. [n. sp., illustrated.]<sup>1</sup>

### Genus **TOYA** Distant

Orthotype *Toya attenuata* [n. sp.] 1906 Distant, Fauna British India 3: 472.

Type *Toya attenuata* 1915 Muir, Canadian Ent. 47: 267.

Type *Toya attenuata* 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 15: 18.

Toya 1906 Distant, Fauna British India 3: 472. [gen. n.] :465. [Key.]

1912 Waterhouse, Index Zool. No. II. 1912: 304. [Listed.]

1915 Muir, Canadian Ent. 47: 212, 267. [Listed.] :297. [Key.]

1915 Schumacher, Mitt. Zool. Mus. Berlin 8: 132. [Listed.]

1915 Schumacher, Suppl. Ent. 4: 142. [Listed.]

1919 Muir, Canadian Ent. 51: 8. [Notes.] To *Delphacodes* Fieb. [error.]

1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 15: 18. To  
*Delphacodes* Fieb. [error.]

1935 Matsumura, Ins. Matsumurana 10: 78. [Listed, comparative note.]

1938 Schulze, Kükenthal and Heider, Nomenclator animalium 5 (24) :3506. [Listed.]

1940 Neave, Nomenclator Zoologicus 4: 516. [Listed.]

#### **attenuata** Distant

1906 *Toya attenuata* Distant, Fauna British India 3: 472; Fig. 259. Ceylon<sup>1</sup>  
[n. sp., illustrated.]<sup>1</sup> Formosa<sup>2</sup>

*Toya*—*Delphacodes*

- 1915 *Toya attenuata* Schumacher, Mitt. Zool. Mus. Berlin 8: 132.  
[Listed.]<sup>1,2</sup>
- 1915 *Toya attenuata* (?) Schumacher, Suppl. Ent. 4: 142. [Listed.]<sup>2</sup>
- 1919 *Toya attenuata* Muir, Canadian Ent. 51: 8. To *Delphacodes attenuata* Distant.
- 1926 *Toya attenuata* Muir, Ann. Mag. Nat. Hist. (9) 17: 34. [Listed.]<sup>1</sup> To *Delphacodes propinqua* (?) Fieb. [error.]

**fusca** Melichar

- 1914 *Toya fusca* Melichar, Notes Leyden Mus. 36: 110. [n. sp.]<sup>1</sup> Java<sup>1</sup>

**sapporonis** Matsumura

- 1935 *Toya sapporonis* Matsumura, Ins. Matsumurana 10: 78. [n. sp.]<sup>1</sup> Japan<sup>1</sup>

Genus **DELPHACODES** Fieber

- Logotype *Delphacodes mulsanti* 1904 Kirkaldy, Entomologist 37: 177.  
Type *Delphacodes mulsanti* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 149.
- Type *Delphacodes mulsanti* 1915 Muir, Canadian Ent. 47: 262.
- Logotype *Delphax mulsanti* 1917 Muir, Proc. Hawaiian Ent. Soc. 3: 332.
- Logotype *Delphax mulsanti* 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 18.
- Type *Delphacodes mulsanti* 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 248.
- Logotype *Delphacodes mulsanti* 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. 82: 301.
- Logotype *Delphax mulsanti* 1939 China, Ann. Mag. Nat. Hist. (11) 4: 584.

[*Delphacissa* Kirkaldy]

- [Orthotype *Delphax uncinata* 1906 Kirkaldy, Canadian Ent. 38: 155.]  
[Type *Delphacissa uncinata* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 149.]  
[Type *Delphacissa uncinata* 1915 Muir, Canadian Ent. 47: 262.]

[*Paraliburnia* Jensen-Haarup]

- [Orthotype *Paraliburnia jacobseni* [n. sp.] 1917 Jensen-Haarup, Ent. Medd. 11: 1.]  
[Type *Paraliburnia jacobseni* 1916 Jensen-Haarup, Flora och Fauna 1916: 35.]

[*Opiconsiva* Distant]

- [Orthotype *Opiconsiva fuscovaria* 1917 Distant, Trans. Linn. Soc. London Zool. 17: 301.]

[*Delphax* Latreille [nec Fabricius]]

- [Type *Delphax striata* 1914 Van Duzee, Psyche 21: 166.]

[Logotype *Delphax striata* 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 18.]

[Logotype *Delphax pellucida* 1939 China, Ann. Mag. Nat. Hist. (11) 4: 584.]

- Delphax* [nec Fabricius] 1802 Walckenaer, Faune Parisienne Ins. 2: xiv. Equals *Tettigone* Geoff. [in part.]
- Delphax* [nec Fabricius] [in part] 1803 Fabricius, Systema Rhyng. :83. [Described.]  
1806 Fallén, Vet. Akad. Handl. 27: 124. [Described.]
- Delphax* [nec Fabricius] 1807 Latreille, Genera Crust. et Ins. 3: 168. [Described.]  
1810 Latreille, Consid. Gén. :263. [Described.]
- Delphax* [nec Fabricius] [in part] 1814 Fallén, Hemip. Dispon. Meth. :21. [Described.]
- Delphax* [nec Fabricius] 1815 Leach, Brewster's Edinburgh Encyclopedia. 9: 125. [Described.]  
1816 Leach, Brewster's New Edinburgh Encycl. American Ed. 8: 714. [Described.]  
1816 Latreille, Nouveau dictionnaire d'histoire naturelle. 3: 4. [Comparative note.]  
1817 Latreille, Cuvier's Règne Animal. 3: 406. [Notes.]  
1818 Germar, Mag. Ent. 3: 205. [Described.] :195, 200. [Comparative notes.]  
1824 Audouin, Dictionnaire classique d'histoire naturelle 5: 390. [Described.]  
1826 Fallén, Hemip. Sueciae :73. [Described.]  
1828 Zetterstedt, Fauna Ins. Lapponica :547. [Described.]  
1829 Curtis, Guide Arrang. British Ins. :193. [Listed.]  
1829 Latreille, Crust. Arach. et Ins. Distribués Fam. Nat. 2: 218. [Described.]  
1829 Stephens, Nomenclature of British Insects 1829: 66. [Listed.]  
1829 Latreille, Cuvier's Règne Animal 5: 218. [Described.]  
1829 Stephens, Catalogue of British Insects 2: 356. [Listed.]  
1830 Germar, Thon Ent. Archiv 2: 57. [Listed.]  
1832 Gray, The Animal Kingdom by Cuvier 15: 224. [Notes.]  
1833 Curtis, British Ent. 10: Pl. 445. [Comparative notes.]  
1833 Curtis, Ent. Mag. 1: 196. [Comparative note.]  
1833 Germar, Rev. Ent. Silbermann 1: 176. [Key.]  
1834 Latreille, Animal Kingdom 4: 176. [Described.]  
1834 Latreille, Cuvier's Animal Kingdom M<sup>r</sup>Murtrie Ed. 4: 42. [Described.]  
1834 Guérin-Ménéville, Voyage aux Indes Belanger 1: 479. [Described.] :449. [Key.] :463. [Comparative note.]  
1834 Costa, Cenni Zool. :84. [Listed.]
- Delphax* [nec Fabricius] 1835 Herrich-Schäffer, Nom. Ent. 1: 106. [Listed.] Equals *Fulgora* Fabr. [in part]. :39. [Key.] :65. [Key to species.]
- Delphax* [nec Fabricius] [in part] 1835 Burmeister, Handb. Ent. 2 (1): 150. [Described.] :145. [Key.]  
1837 Curtis, Guide Arrang. British Ins. Ed. 2: 223. [Listed.]  
1837 Curtis, British Ent. 14: Pl. 657. [Described.]
- Delphax* [nec Fabricius] 1837 Latreille, Cuvier's Animal Kingdom Henderson Ed. 4: 176. [Described.]  
1839 Spinola, Ann. Soc. Ent. France 8: 329. [Described.] :204. [Key.] :136, 140. [Listed.] :143. [Key.]  
1840 Blanchard, Hist. Nat. Ins. Hémipt. 3: 177. [Described.]



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- 1840 Herrich-Schäffer, Fauna Ratisbonensis 3 (2): 384. [Listed.]
- 1840 Zetterstedt, Ins. Lapponica desc. :305. [Described.]
- 1840 Duponchel, Rev. Zool. 2: 204. [Described.]
- 1840 Westwood, Syn. Genera British Ins.:116. [Described.] Equals *Criomorphus* Curt. [error.]
- 1843 Amyot and Serville, Hist. Nat. Ins. Hémip. :512. [Described.]
- 1846 Blanchard, d'Orbigny Dict. Univ. Hist. Nat. 4: 662. [Described.]
- 1848 Gistel, Naturgeschichte des Thierreichs 1848: 150. [Described.]
- 1849 Blanchard, Cuvier's le Règne Animal 6: 62; Pl. 97, Fig. 9. [Described, illustrated.]
- 1849 Westwood, Cuvier's Animal Kingdom :569. [Notes.] Equals *Criomorphus* Curt. [error.]
- 1850 Blanchard, Hist. Nat. Ins. 3 (1): 177. [Described.]
- 1850 Spinola, Mem. Soc. Italian Modena 25 (1): 52. [Key.]
- Delphax* [nec Fabricius] [in part] 1850 Schaum, Allg. Encykl. Ersch und Gruber 51: 69. [Described.] :62. [Key.]
- 1851 Fitch, Cat. Homop. :46. [Listed.]
- 1851 Walker, List Homop. British Mus. 2: 350. [Listed.] Equals *Criomorphus* Curtis [in part.] Equals *Fulgora* Fabricius [in part.]
- 1851 Wallengren, Öfv. Svenska Vet. Akad. Förh. 1850: 254. [Listed.]
- Delphax* [nec Fabricius] 1852 Spinola, Gay's Historia de Chile 7: 258. [Described.]
- 1854 Stål, Öfv. Svenska Vet. Akad. Förh. 11: 189. [Notes.] :245. [Listed.]
- 1854 de Graaf and Snellen van Vollenhoven, Herklots' Bouwstoffen fauna van Nederland 1 (3): 182. [Listed.]
- 1855 Stål, Öfv. Svenska Vet. Akad. Förh. 12: 93. [Listed.]
- 1858 Walker, List Homop. British Mus. Suppl. :83. [Listed.]
- 1858 Walker, List Homop. British Mus. Add. :323. [Listed.]
- 1859 Signoret, Nouveau guide de l'amateur d'insectes 1859: 46, 49. [Listed.]
- Delphacen* [sic] 1859 Stål, Freg. Eugenes Resa 4: 274. [Comparative note.]
- Delphaci* [sic] 1862 Stål, Handl. Svenska Vet. Akad. 3 (6): 7. [Comparative note.]
- 1862 Stål, Berliner Ent. Zeit. 6: 315. [Listed.]
- 1863 Gerstaecker, Peters, Carus, and Gerstaecker Handb. der Zoologie 2: 300. [Described.]
- 1863 Snellen van Vollenhoven, Tijdschr. Ent. 6: 10. [Listed.]
- 1865 Marshall, Ent. Monthly Mag. 2: 31, 32. [Comparative note.]
- Delphax* [nec Fabricius] [in part] 1859 Dohrn, Cat. Hemip. :61. [Listed.]
- 1860 Walker, List British Hemip. :17. [Listed.]
- 1861 Flor, Rhynch. Livlands 2: 25. [Described.] :14. [Key.] :31. [Key to European species.] :87, 88. [Comparative note.] :637. [Listed.]
- Delphax* [nec Fabricius] 1862 Stål, Handl. Svenska Vet. Akad. 3 (6): 7. [Listed.]
- Delphax* [nec Fabricius] [in part] 1862 Curtis, Homop. British Ent. :Pl. 445. [Notes.] :Pl. 657. [Described.]
- Delphax* [nec Fabricius] 1863 Westwood, Cuvier's Animal Kingdom New Ed. :569. [Described.] Equals *Criomorphus* Curt. [error.]

- 1864 Marshall, Ent. Monthly Mag. 1: 152. [Key.]
- Delphax* [nec Fabricius] [in part] 1865 Marshall, Ent. Monthly Mag. 1: 198. [Key to British species.]
- Delphacodes 1866 Fieber, Verh. Zool. Bot. Ges. Wien. 16: 524. [subg. n.]
- Delphax* [nec Fabricius] 1868 Signoret, Guide de l'amateur d'insectes 1868: 61. [Listed.]
- 1869 Lethierry, Mém. Soc. Sci. Lille 1868: 353. [Listed.]
- 1869 Packard, Guide to Study of Insects 1869: 533. [Described.]
- Delphax* [nec Fabricius] [in part] 1866 Bellevoye, Cat. Hémipt. Moselle :142 (30). [Listed.]
- Delphax* [nec Fabricius] 1866 Fieber, Verh. Zool. Bot. Ges. Wien. 16: 532. [Listed.] :520. [Key.] :524. [Key to European species.]
- 1867 Dallas, Zool. Rec. 3: 560. [Key.]
- Delphax* [nec Fabricius] [in part] 1868 Kirschbaum, Cicad. Wiesbaden :19. [Described, key to German species.] :11. [Key.]
- Liburnia* [nec Stål] 1870 Scott, Ent. Monthly Mag. 7: 23. [Described.] :24. [Comparative note.]
- Liburnia* [nec Stål] [in part] 1870 Scott, Ent. Monthly Mag. 7: 25. Equals *Delphax* Auct. [Key to British species.]
- Liburnia* [nec Stål] 1871 Sahlberg, Not. Fennica [n. s.] 9 (12): 56. [List of Scandinavian species.] :422. [Described, key to species.] :75. [Key.] :20. [Dimorphism.]
- Delphax* [nec Fabricius] [in part] 1871 Brischke, Verz. Wanzen und Zirpen Prov. Preussen :13. [Listed.]
- Liburnia* [nec Stål] 1872 Fieber, Kat. Europäischen Cicad. :5. [Listed.] Equals *Delphax* Auct. [in part.]
- Delphax* [nec Fabricius] 1872 Provancher, Nat. Canadien 4: 319. [Listed.] [in part.]
- Liburnia* [nec Stål] [in part] 1872 Fieber, Verh. Zool. Bot. Ges. Wien. 22: 28. [Listed.] Equals *Delphax* Latr. [nec Fabr.]
- Liburnia* [nec Stål] 1874 Lethierry, Cat. Hémipt. Dept. du Nord Second Ed. :258 (54). [Listed.]
- 1874 Siebke, Enumeratio Insectorum Norvegicorum 1: 40. [Listed.] Equals *Delphax* Fall. [in part.]
- 1874 Scott, Ent. Monthly Mag. 11: 119. Equals *Delphacinus* Fieb. [error.]
- Delphax* [nec Fabricius] [in part] 1874 Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 82. [Listed.]
- Liburnia* [nec Stål] 1875 Reuter, Ann. Soc. Ent. France (5) 5: 233. [Polymorphism.]
- Delphax* [nec Fabricius] 1875 Reuter, Ann. Soc. Ent. France (5) 5: 229. [Dimorphism.]
- 1875 Blanchard, Hist. Nat. Ins. 2: 423. [Described.]
- 1875 Fieber, Cicad. d'Europe Pt. 1: 376 (89). [Key.] Equals *Delphax* Auct.
- 1875 Puton, Cat. Hémipt. d'Europe 2 Ed. :119. [Listed.] Equals *Liburnia* [nec Stål.]
- 1876 Claus, Grundzüge der Zoologie :665. [Described.]
- 1876 Fieber, Cicad. d'Europe Pt. 2: Pl. 8. [Illustrated.]
- Liburnia* [nec Stål] [in part] 1876 Douglas and Scott, Cat. British Hemip. :66. [Listed.]
- Delphax* [nec Fabricius] 1877 Glover, Rept. Comm. Agr. 1876: 27. [Listed.]
- Liburnia* [nec Stål] 1879 Berg, An. Soc. Cient. Argentina 8: 188. [Listed.] Equals *Embolophora* Stål [error.]
- 1879 Berg, Hemip. Argentina :223. [Listed.] :224. Equals *Embolophora* Stål [error.] :296. [Listed.]
- 1879 Fieber, Cicad. d'Europe Pt. 4: 65 (1). [Key to European species.] Equals *Delphax* Fabr. [in part.]
- 1880 Berg, An. Soc. Cient. Argentina 9: 24. [Listed.]

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- Delphax* [nec Fabricius] 1880 Reiber and Puton, Bull. Soc. Hist. Nat. Colmar **21**: 55. [Listed.]
- Liburnia* [nec Stål] 1881 Mayr, Ber. Natur.-Med. Ver. Innsbruck **10**: 86 (10). [Listed.]
- Delphax* [nec Fabricius] 1882 Ferrari, Cicad. Agri Ligustici :91 (19). [Listed.]  
Equals *Liburnia* Fieb. :87 (15). [Key.]
- Liburnia* [nec Stål] 1883 Berg, An. Soc. Cient. Argentina **16**: 237. [Listed.]
- Delphax* [nec Fabricius] [in part] 1883 Brodie and White, Check List Ins. Canada :59. [Listed.]
- 1883 Karsch, Insektenwelt :649. [Described.]
- Delphax* [nec Fabricius] 1884 Mayr, Tabellen :20. [Key.] Equals *Liburnia* Stål [error.]
- Liburnia* [nec Stål] 1884 Berg, Add. Hemip. Argentina :143. [Listed.]
- Delphax* [nec Fabricius] 1885 Ivanoff, Liste des Cigales :98 (16). [Key.] :113 (31); Pl. 2, Fig. 7. [Key to species, illustrated.] :89 (7). [Listed.]
- Delphax* [nec Fabricius] 1886 Leunis, Synop. Thierkunde **2**: 464. [Described.] :463. [Key.]
- 1886 Then, Kat. Österreichischen Cicad. **1886**: 14. [List of Austrian species.]
- 1886 Puton, Cat. Hémip. Faune Paléarctique **3** Ed. :73. [Listed.] Equals *Liburnia* [nec Stål.]
- 1886 Westwood, Trans. Ent. Soc. London **1886**: 569. [Described.]
- 1886 Westwood, Cuvier's Animal Kingdom :569. [Notes.] Equals *Criomorphus* Curt. [error.]
- Liburnia* [nec Stål] [in part] 1886 Edwards, Syn. British Homop.-Cicadina Pt. **1**: 57; Pl. 1, Fig. 19. [Described, illustrated.] :55. [Key.] :58. [Key to species.]
- Delphax* [nec Fabricius] 1888 Packard, Guide to Studies of Insects **1888**: 533. [Notes.]
- 1888 Dubois, Mém. Soc. Linn. Nord France **7**: 155 (59). [Listed.]
- 1889 Ashmead, Ent. Americana **5**: 26. [Key.] Equals *Liburnia* Stål [error.]
- Delphax* [nec Fabricius] [in part] 1889 Provancher, Petite Faune Ent. Canada **3**: 216. [Key.] :223. [Described.]
- Delphax* [nec Fabricius] 1890 Smith, Cat. Ins. New Jersey **1890**: 440. [Listed.]
- Liburnia* [nec Stål] 1890 Buckton, Mon. British Cicadae **1**: 30. [Described.] :28. [Key.]
- 1890 Buckton, Mon. British Cicadae **3**: 65. [Synopsis of species.]
- 1890 Saunders and Edwards, Cat. British Hemiptera :11. [Listed.]
- Delphax* [nec Fabricius] 1890 Hansen, Ent. Tidskr. **11**: 42. [Morphology.]
- 1890 Lethierry, Ann. Soc. Ent. France (6) **10**: 151. [Listed.]
- Liburnia* [nec Stål] 1890 Buckton, Mon. British Cicadae **4**: lx. [Morphology of reproductive system.]
- 1891 Buckton, Mon. British Cicadae **6**: 96. [Note.]
- 1891 Buckton, Mon. British Cicadae **8**: 130. [Listed.] :157. [Genitalia.]
- Delphax* 1891 Oshanin, Mém. Sect. caucasienne Soc. russe Geogr. **23** (1): 48. To *Liburnia* Stål [error.]
- Delphax* [nec Fabricius] 1891 Fokker, Cat. Nederland Hemip. :366. [Listed.]
- 1892 Spitzner, Verh. Naturf. Ver. Brünn **30**: 26. [Listed.]
- 1892 Duda, Cat. Ins. Faunae Bohemicae :28. [Listed.]  
Equals *Liburnia* [nec Stål.]

- Delphax* [nec Fabricius] [in part] 1892 Dominique, Bull. Soc. Sci. Nat. Ouest France **2**: 116. [Listed.]  
 1892 Coubeaux, Ann. Soc. Ent. Belgique **36**: 34 (1). [Listed.]  
 1893 Fitch, Rept. New York State Mus. Nat. Hist. **46**: 386. [Listed.]  
 1893 Bezzi, Bull. Soc. Ent. Italiana **25**: 108 (28). [Listed.]
- Liburnia* [nec Stål] 1894 Edwards, Hemip.-Homop. British Islands **3**: 73. [Comparative note.]  
 1894 Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 191. [Listed.]
- Delphax* [nec Fabricius] 1895 Wüstnei, Schr. Nat. Ver. Schleswig-Holsteins **10**: 269. [Listed.]
- Liburnia* [nec Stål] 1894 Edwards, Hemip.-Homop. British Islands Pt. **1**: 31; Pl. I, Fig. 19. [Described, illustrated.] Equals *Megamelus* [error.] Equals *Stenocranus* [error.] Equals *Kelisia* [error.] Equals *Delphacinus* [error.] Equals *Chloriona* [error.] Equals *Evides* [error.] Equals *Euryusa* [sic] [error.] Equals *Conomelus* [error.] :32. [Key to British species.]  
 1896 Melichar, Cicad. Mittel-Europa :69. [Described, key to European species.] :50. [Key.] :xx. [Morphology.] :xxiii. [Ecology.]  
 1897 Oudemans, De Nederlandsche Insecten **6**: 287. [Described.] Equals *Delphax* [nec Fabr.]  
 1897 Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 227, 246. [Listed.] Equals *Delphax* Fieb. :230. [Key.] :245. [Comparative note.]
- Delphax* [nec Fabricius] 1897 Horváth, Fauna Regni Hungariae :56. [Listed.]  
 1899 Marchal, Bull. Soc. Hist. Nat. Autun **11**: 589. [Listed.]  
 1898 Dubois, Mém. Soc. Linn. Nord France **9**: 234. [Listed.]  
 1899 Puton, Cat. Hémipt. Faune Paléarctique **4** Ed. :107. [Listed.] Equals *Liburnia* [nec Stål].
- Liburnia* [nec Stål] 1899 Melichar, Ent. Jahrb. **1899**: (7), (9). [Listed.]  
 1900 Smith, Ins. New Jersey **1900**: 89. [Listed.]  
 1900 Strobl, Mitt. Natur. Ver. Steiermark **36**: 205. [Listed.] Equals *Delphax* Auct.  
 1900 Hansen, Entomologist **33**: 170. [Morphology.]  
 1900 Lameere, Manuel Faune Belgique **2**: 140. [Key.] :141. [Key to Belgian species.]
- Delphax* [nec Fabricius] 1901 Kirkaldy, Entomologist **34**: 340. To *Embolophora* [sic] Stål [error.]  
 1901 Lambertie, Act. Soc. Linn. Bordeaux **56**: 217 (89). [Listed.] Equals *Liburnia* [nec Stål.]  
 1901 Horváth, Zool. Erg. Zichy :256. [Listed.]  
 1901 Lambertie, Act. Soc. Linn. Bordeaux **56**: 89. [Listed.] Equals *Liburnia* [nec Stål.]
- Liburnia* [nec Stål] 1902 Cobelli, Cicadine Trentino :9. [Listed.]
- Delphax* [nec Fabricius] 1902 Dominique, Bull. Soc. Sci. Nat. Ouest France (2) **2**: 222. [Listed.]  
 1903 Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste **21**: 62 (22). [Listed.] Equals *Liburnia* Stål [in part.]
- Liburnia* [nec Stål] 1903 Melichar, Ent. Jahrb. **1903**: 101 (11). [Listed.]
- Delphax* [nec Fabricius] 1904 Hüeber, Syst. Verz. deutschen Zikadinen :269. [Listed.] Equals *Liburnia* Stål [error.]  
 1904 Lambertie, Act. Soc. Linn. Bordeaux **59**: xxx (14). [Listed.]



*Delphacodes*

- Delphacodes 1904 Ashmead, Homop. Alaska :130. [Listed.]  
 1904 Kirkaldy, Entomologist **37**: 177. [Comparative note.]  
*Liburnia* [nec Stål] [in part] 1904 Swezey, Prelim. Cat. Fulgoridae North America  
 1904: 37. [Listed.] Equals *Embolophora* Stål [error.]  
 Equals *Delphax* Amy. and Serv.
- Delphax* [nec Fabricius] 1904 Lambertie, Act. Soc. Linn. Bordeaux **59**: 30 (14).  
 [Listed.]  
 1904 Wirtner, Ann. Carnegie Mus. **3**: 216. [Listed.]  
*Delphacissa* 1906 Kirkaldy, Canadian Ent. **38**: 155. [subg. n.]  
*Liburnia* [nec Stål] 1906 Distant, Fauna British India **3**: 480. [Described.]  
*Delphax* [nec Fabricius] 1906 Matsumura, Schr. Nat. Ges. Danzig **11**: 76. [Listed.]  
 Equals *Liburnia* Stål [error.]
- Delphacodes 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 124.  
 [Morphology.] :149. [Listed.] To *Delphax* [nec Fabr.].  
 :152, 153. [Comparative notes.] :27. [Key.] :147.  
 [Comparative note.]  
 1907 Kirkaldy, Proc. Hawaiian Ent. Soc. **1**: 161. [Com-  
 parative note.]
- Delphax* [nec Fabricius] 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent.  
**3**: 149. Equals *Nilaparvata* Dist. [error.] Equals  
*Sogata* Dist. [error.] Equals *Delphacissa* Kirk. Equals  
*Chlorionidea* Loew [error.] Equals *Liburnia* Auct.  
 [nec Stål]. Equals *Delphacodes* Fieb. Equals *Delpha-*  
*cinus* Fieb. [error.] Equals *Kelisia* Fieb. [error.]  
 Equals *Chloriona* Fieb. [error.]
- Liburnia* [nec Stål] 1907 Butler, Hemip. Hastings :49. [Notes.]  
*Delphacissa* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 149.  
 [Listed.]
- Liburnia* [nec Stål] 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 149.  
 [Listed.]
- Delphax* [nec Fabricius] 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 149.  
 [Listed.] :150. [Key to Australo-Fijian species.]  
 1907 Oshanin, Verz. Palaeark. Hemip. **2** (2): 312. [Listed.]  
 Equals *Liburnia* Stål [error.]  
 1908 Saunders and Edwards, Cat. British Hemiptera **1908**:  
 15. [Listed.] Equals *Liburnia* [nec Stål].
- Delphax* [nec Fabricius] 1909 Van Duzee, Bull. Buffalo Soc. Nat. Sci. **9**: 201.  
 [Taxonomy.]
- Liburnia* [nec Stål] 1909 Pierce, Bull. United States Nat. Mus. **66**: 178.  
 [Parasitism.]
- Delphacodes 1910 Kirkaldy, Fauna Hawaiiensis Suppl. :583. [Compara-  
 tive note.]
- Liburnia* [nec Stål] 1910 Osborn, Proc. Int. Zool. Congr. **7**: 601 (1). [Poly-  
 morphism.]  
 1910 Smith, Rept. Ins. New Jersey **1910**: 97. [Listed.]
- Delphax* [nec Fabricius] 1910 Lambertie, Misc. Ent. **18**: 92. [Listed.] Equals  
*Liburnia* nec Stål.
- Delphacissa* 1912 Waterhouse, Index Zool. **II**: 76. [Listed.]  
*Delphax* [nec Fabricius] 1912 Oshanin, Kat. Paläark. Hemip. :119. [Listed.] Equals  
*Liburnia* [nec Stål.]
- Liburnia* [nec Stål] 1912 Schmidt, Stett. Ent. Zeit. **73**: 149. [Listed.]  
 1912 Van Duzee, Bull. Buffalo Soc. Nat. Sci. **10**: 504.  
 [Notes.]  
 1912 Licent, Recherches sur le tube digestif des Homop-  
 tères. **1912**: 119, 121, 124, 125, 126, 127; Fig. 39.  
 [Morphology of the digestive system, illustrated.]  
 1913 Metcalf, Ann. Ent. Soc. America **6**: 350. [Venation.]

- 1913 Melichar, Faune Walouyki Russie 7: 6. [Listed.]  
 1913 Strand, Nyt. Mag. Naturv. 51: 274. [Listed.]  
 1913 Dalla Torre, Ent. Jahrb. 22: 149. [Listed.] Equals  
*Delphax* Fieb.  
 1914 Van Duzee, Psyche 21: 165. [Listed.]  
*Delphax* [nec Fabricius] [in part] 1914 Crawford, Mon. Delphacidae :602. To *Megamelus*  
 Fieb. [error.]  
*Liburnia* [nec Stål] 1915 Muir, Canadian Ent. 47: 265. [Listed.] Equals  
*Delphacissa* Kirk. Equals *Delphax* Auct. [nec Fabr.]  
 Equals *Delphacodes* Fieb. :300, 302. [Key.] :212.  
 [Listed.]  
 1915 Jensen-Haarup, Flora och Fauna 1915: 137. [De-  
 scribed.] :138. [Key to species.] :98. [Key.]  
 1915 Brues and Melander, Key Families North American  
 Ins. :74; Fig. 359. [Listed, illustrated.]  
*Delphacissa* 1915 Muir, Canadian Ent. 47: 262. Listed as subgenus of  
*Delphacodes* Fieb.  
 Delphacodes 1915 Muir, Canadian Ent. 47: 262. Listed as subgenus of  
*Delphax-Liburnia*.  
*Delphax* [nec Fabricius] 1915 Schumacher, Mitt. Zool. Mus. Berlin 8: 134. [Listed.]  
*Liburnia* [nec Stål] 1915 Jacobsen, Ent. Medd. 10: 319. [Listed.]  
 1916 Van Duzee, Check List Hemip. America :84. [Listed.]  
 Equals *Delphax* Latr. [nec Fabr.]. Equals *Embolo-*  
*phora* Kirk. [nec Stål]. Equals *Delphacodes* Fieb.  
*Delphax* [nec Fabricius] 1916 Oshanin, Horae Soc. Ent. Rossicae 42: 88. [Bibliog-  
 raphy.] Equals *Liburnia* [nec Stål.]  
*Delphax* [nec Fabricius] [in part] 1916 Muir, Philippine Jour. Sci. 11: 385. [Listed.]  
*Liburnia* [nec Stål] 1916 Muir, Philippine Jour. Sci. 11: 385. [Listed.]  
 Delphacodes 1917 Muir, Proc. Hawaiian Ent. Soc. 3: 332. [Notes.]  
 Equals *Liburnia* Stål [in part.] Equals *Delphax* [nec  
 Fabr.] :316. [Notes.] :323. [Comparative notes.]  
*Liburnia* [nec Stål] 1917 Van Duzee, Cat. Hemip. America :773. [List of North  
 American species.] Equals *Asiraca* Latr. [in part.]  
 Equals *Delphax* Latr. [nec Fabr.] Equals *Delphacodes*  
 Fieb. Equals *Embolophora* Kirk. [nec Stål.] Equals  
*Delphacissa* Kirk. Equals *Megamelus* Crawf. [in part.]  
*Liburnia* [nec Stål] 1917 Jensen-Haarup, Ent. Medd. 11: 1, 2. [Comparative  
 note.]  
*Opiconsiva* 1917 Distant, Trans. Linn. Soc. London Zool. 17: 301.  
 [gen. n.]  
*Paraliburnia* 1917 Jensen-Haarup, Ent. Medd. 11: 1. [gen. n.]  
*Liburnia* [nec Stål] 1918 Pierce, Proc. United States Nat. Mus. 54: 487.  
 [Listed.]  
*Delphax* [nec Fabricius] 1918 Pierce, Proc. United States Nat. Mus. 54: 488.  
 [Listed.]  
 Delphacodes 1918 Muir, Proc. Hawaiian Ent. Soc. 3: 427. [Listed.]  
 1919 Muir, Canadian Ent. 51: 8. Equals *Toya* Dist. [error.]  
 Equals *Kalpa* Dist. [error.] :7. Equals *Opiconsiva*  
 Dist. Equals *Nilaparvata* Dist. [error.] :35. [Comparative  
 note.]  
*Liburnia* [nec Stål] 1919 Lyle, Entomologist 52: 7. [Listed.]  
 1920 Britton, Check-List Ins. Connecticut :47. [Listed.]  
 1920 Jensen-Haarup, Danmarks Fauna :45. [Described.]  
 Equals *Delphax* Fabr. :46. [Key to species from Den-  
 mark.] :31. [Key.]  
 1920 Spooner, Ent. News 31: 46. [Ecology.]

*Delphacodes*

- Delphax* [nec Fabricius] 1920 Tullgren and Wahlgren, Svenska Insekter 1920: 152. [Key, listed.]
- Delphacodes 1921 Muir, Proc. Hawaiian Ent. Soc. 4: 507. [Listed.] Equals *Liburnia* [nec Stål.]
- Liburnia* [nec Stål] [in part] 1922 Muir, Rec. Indian Mus. 24: 350. [Comparative note.]
- Liburnia* [nec Stål] 1923 Metcalf, Jour. Elisha Mitchell Soc. 38: 171. [Key to Eastern North American species.] :167. [Key.]
- Delphax* [nec Fabricius] 1923 Van Duzee, Fulgoridae Hemip. Connecticut :52. [Note, key to species.] :46. [Key.]
- Delphacodes 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 18. [Synonymy.]
- 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 2, 3. [Morphology.] :8, 10, 12, 16. [Comparative notes.]
- 1924 Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 18. [Notes, nomenclature, descriptions of North American species.] Equals *Liburnia* Stål [in part.] Equals *Delphax* Fabr. [in part.] Equals *Toya* Dist. [error.] :5, 6. [Key.] :19. Equals *Delphacissa* Kirk.
- Liburnia* [nec Stål] 1924 Lindberg, Acta Soc. Fauna Flora Fennica 56: 46. [Listed.]
- Delphax* [nec Fabricius] 1925 Kupka, Mitt. Münchner Ent. Ges. 15: 112. [Listed.] Equals *Liburnia* [nec Stål.]
- Liburnia* (Delphacodes) 1925 China, Ann. Mag. Nat. Hist. (9) 16: 480. [Comparative note.]
- Delphax* [nec Fabricius] 1925 Haupt, Mitt. Münchner Ent. Ges. 15: 18. [Listed.] Equals *Liburnia* [nec Stål.]
- Liburnia* [nec Stål] 1925 Šulc, Compt. Rend. Soc. Biol. 92: 1060. [Listed.]
- Delphacodes 1926 Muir, Ann. Mag. Nat. Hist. (9) 17: 34. [Listed.]
- 1926 Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 29. [Note.] :25. [Comparative note.]
- 1926 Tillyard, Ins. Australia and New Zealand 1926: 166. [Listed.]
- Delphax* [nec Fabricius] [in part] 1926 Rémy-Perrier, Homop. Faune France 4: 93. [Key to species.] Equals *Liburnia* [nec Stål] :90. [Key.]
- Delphacodes 1926 Muir, Philippine Jour. Sci. 27: 29. [Notes.]
- 1926 Muir, Canadian Ent. 57: 34. [Listed.]
- 1927 Muir, Fulgoroidea of Samoa :13. [Listed.]
- Liburnia* [nec Stål] 1927 Johnson, Biol. Surv., Mount Desert Reg. 1:33. [Listed.]
- Delphax* [nec Fabricius] 1927 Ogloblin, Acta Ent. Mus. Prague 4: 139. To *Liburnia* Stål [error.]
- 1927 Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 143. [Listed.]
- 1928 Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 10: 85. [Listed.]
- 1928 Filipieff, Guide to Insects :158. [Key.] :159. [Key to species.]
- Delphacodes 1928 Jacobi, Mjöberg's Exp. Australia :43. Equals *Liburnia* Auct. [in part.]
- 1928 Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 181. [Listed.] Equals *Liburnia* [nec Stål.]
- 1928 Schulze, Kükenthal, and Heider, Nomenclator Animalium 2 (8): 840. [Listed.]
- Delphacissa* 1928 Schulze, Kükenthal, and Heider, Nomenclator Animalium 2 (8): 940. [Listed.]
- Delphacodes 1929 Muir, Ann. Mag. Nat. Hist. (10) 4: 213. [Listed.] :201, 221. [Comparative note.]

- Liburnia* [nec Stål] 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 212. [Key.] Equals *Delphax* Osh. [in part.]
- 1929 Knowlton, Florida Ent. 13: 51. [Listed.]
- Delphacodes 1930 Johnson, Publ. Nantucket Maria Mitchell Assoc. 3 (2): 36. [Listed.] Equals *Liburnia* [nec Stål].
- Liburnia* [nec Stål] 1932 Enderlein, Fauna von Deutschland 1932: 193. [Key.]
- 1932 Brues and Melander, Class. Ins. :119; Fig. 170. [Listed, illustrated.]
- Delphacodes 1933 Metcalf, Jour. Elisha Mitchell Sci. Soc. 49: 107. [Geographic distribution, notes.]
- Paraliburnia* 1933 Schulze, Kükenthal and Heider, Nomenclator animalium 4 (18): 2500. [Listed.]
- Opiconsiva* 1933 Schulze, Kükenthal and Heider, Nomenclator animalium 4 (17): 2365. [Listed.]
- Delphacodes 1934 Heaton, Bull. Brooklyn Ent. Soc. 29: 114. [Listed.]
- 1934 Muir, Ann. Mag. Nat. Hist. (10) 14: 579. [Comparative note.]
- Delphax* [nec Fabricius] 1934 Silvestri, Compendio di entomologie applicata 1: 361. [Described.] Equals *Liburnia* [nec Stål.]
- Liburnia* [nec Stål] 1935 Haupt, Tierwelt Mitteleuropas 4 (3): 116. [Notes.] :134. [Comparative note.] :131. Key.] :139. [Key to species.] Equals *Delphax* Osh.
- Delphacodes 1935 Matsumura, Ins. Matsumurana 9: 139. [Comparative note.]
- 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 234. [Key.] :248. [Notes.] Equals *Delphax* (*Delphacodes* Fieb.) :255. [Comparative note.]
- Liburnia* [nec Stål] 1935 Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 7. [List of German species.] Equals *Delphax* Osh. [nec Fabr.]
- 1936 Lindberg, Comm. Biol. 4 (9): 17. [Listed.]
- 1937 Kuntze, Arch. Nat. [n. f.] 6: 325, 342, 383. [Ecology.] :355. [Listed.] Equals *Delphax* Oshanin.
- Delphacodes 1938 Brimley, Insects of North Carolina 1938: 103. [Listed.] Equals *Liburnia* [nec Stål.]
- 1938 China, Ent. Monthly Mag. 74: 197. [Listed.] Equals *Delphax* Edw. [nec Fabr.] Equals *Liburnia* Edw. [nec Stål.]
- 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. 82: 280. [Listed.] :280, 300. [Taxonomy.] :301. [Described.] Equals *Liburnia* [nec Stål.]
- 1938 Osborn, Bull. Ohio Biol. Surv. 6: 330. [Key.] :337. [Key to species.]
- 1939 China, Ann. Mag. Nat. Hist. (11) 4: 584. [Listed.] Equals *Delphax* Latr. [nec Fabr.] Equals *Liburnia* Auct. [nec Stål.]
- Liburnia* [nec Stål] 1939 Lindberg, Acta Zool. Fennica 22: 13. [Parasites.]
- Delphacissa* 1939 Neave, Nomenclator Zoologicus 2: 30. [Listed.]
- Delphacodes 1939 Neave, Nomenclator Zoologicus 2: 30. [Listed.]
- Opiconsiva* 1940 Neave, Nomenclator Zoologicus 3: 442. [Listed.]
- Paraliburnia* 1940 Neave, Nomenclator Zoologicus 3: 575. [Listed.]
- Delphacodes 1940 Clausen, Entomophagous insects 1940: 513. [Parasites.]

**acuministyla** Dozier

- 1926 *Delphacodes acuministyla* Dozier, Jour. New York Ent. Soc. 34: Mississippi<sup>1</sup> 259; Fig. 1. [n. sp., illustrated.]<sup>1</sup>



*Delphacodes*

1928 *Liburnia acuministyla* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 16. [Ecology.]<sup>1</sup>

**adela** Flor

- 1861 *Delphax adela* Flor, Rhynch. Livlands **2**: 63. [n. sp.]<sup>1</sup> :37. [Key.] Estonia<sup>1</sup>  
:38. [Listed.] Germany<sup>2</sup>
- 1866 *Delphax adela* Fieber, Verh. Zool. Bot. Ges. Wien **16**: Pl. viii, Fig. Russia<sup>3</sup>  
50. [Illustrated.] Middle Russia<sup>4</sup>
- 1870 *Liburnia adela* Scott, Ent. Monthly Mag. **7**: 26. [Key.]. :69. [Com- England<sup>5</sup>  
parative note.] France<sup>6</sup>
- 1872 *Liburnia adela* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>1</sup> British Isles<sup>7</sup>
- 1874 *Delphax adela* Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg Siberia<sup>8</sup>  
**20**: 83. [Listed.]<sup>2</sup>
- 1875 *Delphax adela* Puton, Cat. Hémp. d'Europe 2 Ed. :121. [Listed.]<sup>3,7</sup>
- 1876 *Liburnia adela* Douglas and Scott, Cat. British Hémp. :68. [Listed.]<sup>7</sup> Equals  
*Delphax adela* Flor.
- 1879 *Liburnia adela* Fieber, Cicad. d'Europe Pt. **4**: 118 (54). [Key.]<sup>1,5</sup> Equals *Delphax*  
*adela* Flor.
- 1886 *Delphax adela* Puton, Cat. Hémp. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>3,7</sup>
- 1886 *Liburnia adela* Edwards, Syn. British Homop.-Cicadina Pt. **1**: 71. [Described.]<sup>7</sup>  
Equals *Delphax adela* Flor. :59. [Key.]
- 1886 *Liburnia signoreti* [nec Scott] Edwards, Syn. British Homop.-Cicadina Pt. **1**: 70; Pl. 1, Fig. 7; Pl. 2, Fig. 15. [Described, illustrated.]<sup>6</sup> :59. [Key.]
- 1890 *Liburnia adela* Saunders and Edwards, Cat. British Hémp. **1890**: 11. [Listed.]<sup>7</sup>
- 1890 *Liburnia adela* Buckton, Mon. British Cicadae **2**: 39; Pl. xii, Figs. 9-11. [Described,  
illustrated.]<sup>6,7</sup> Equals *Delphax adela* Flor.
- 1890 *Liburnia adela* Buckton, Mon. British Cicadae **3**: 65, 66. [Synopsis.]
- 1894 *Liburnia adela* Edwards, Hémp.-Homop. British Islands Pt. **2**: 49. [Described.]<sup>7</sup>  
:34. [Key.]
- 1894 *Liburnia signoreti* [nec Scott] Edwards, Hémp.-Homop. British Islands Pt. **1**: Pl. 1, Fig. 7. [Illustrated.]
- 1894 *Liburnia signoreti* [nec Scott] Edwards, Hémp.-Homop. British Islands Pt. **2**:  
48; Pl. 6, Figs. 3, 3a. [Described, illustrated.]<sup>7</sup> :34. [Key.]
- 1899 *Delphax adela* Puton, Cat. Hémp. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>3,7</sup>
- 1900 *Liburnia adela* Melichar, Wien. Ent. Zeit. **19**: 45. [Listed.]<sup>8</sup>
- 1904 *Delphax adela* Hüeber, Syst. Verz. deutschen Zikadinen :270. [Listed.]<sup>2</sup>
- 1907 *Delphax adela* Oshanin, Verz. Palaeark. Hémp. 2 (2): 326. [Listed.]<sup>1,2,7,8</sup> Equals  
*Liburnia adela* Scott.
- 1908 *Delphax adela* Saunders and Edwards, Cat. British Hémp. **1908**: 15. [Listed.]<sup>7</sup>
- 1912 *Delphax adela* Oshanin, Kat. Paläark. Hémp. :119. [Listed.]<sup>2,4,6,8</sup>
- 1935 *Liburnia adela* Haupt, Tierwelt Mitteleuropas **4** (3): 142; Fig. 250. [Key, illus-  
trated.] Equals [*Liburnia*] *signoreti* Scott. [error.]
- 1938 *Delphacodes adela* China, Ent. Monthly Mag. **74**: 197. [Listed.]<sup>7</sup> Equals *Delphacodes*  
*signoreti* Edw. [nec Scott]

**akashiensis** Matsumura

- 1900 *Liburnia akashiensis* Matsumura, Ent. Nachr. **26**: 266. [n. sp.]<sup>1</sup> Japan<sup>1</sup>
- 1907 *Delphax akashiensis* Oshanin, Verz. Palaeark Hémp. **2** (2): 330.  
[Listed.]<sup>1</sup> Equals *Liburnia akashiensis* Mats.
- 1912 *Delphax akashiensis* Oshanin, Kat. Paläark. Hémp. :120. [Listed.]<sup>1</sup>

**albicollis** Motschulsky

- 1863 *Delphax albicollis* Motschulsky, Bull. Soc. Nat. Moscou **36**: 110. Ceylon<sup>1</sup>  
[n. sp.]<sup>1</sup> Java<sup>2</sup>
- 1891 *Delphax albicollis* Kirby, Jour. Linn. Soc. Zool. **24**: 141. [Listed.]<sup>1</sup> Luzon<sup>3</sup>
- 1903 *Liburnia albicollis* Melichar, Homop.-Fauna Ceylon :99; Pl. II, Madagascar<sup>4</sup>  
Figs. 23, 23a, b. [Described, illustrated.]<sup>1</sup> Equals *Delphax albicollis*  
Motsch. :100. [Comparative note.] Palestine<sup>5</sup>  
Japan<sup>6</sup>

- 1903 *Liburnia albicollis* Melichar, Homop.-Fauna Ceylon. **1903**: 225. [Listed.]<sup>1</sup> Canary Islands<sup>7</sup>  
Paleartic
- 1903 [*Liburnia*] *albicollis* Melichar, Homop.-Fauna Ceylon. **1903**: 100. [Comparative note.] Region<sup>8</sup>  
Middle Europe<sup>9</sup>
- 1906 *Liburnia albicollis* Distant, Fauna British India **3**: 483. [Described.]<sup>1</sup> Equals *Delphax albicollis* Motsch. :484. [Comparative note.] South Europe<sup>10</sup>  
North Europe<sup>11</sup>  
Caucasia<sup>12</sup>
- 1907 *Delphax albicollis* Kirkaldy, Canadian Ent. **39**: 160. [Comparative note.] Turkey<sup>13</sup>
- 1907 *Delphax albicollis* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 161; Pl. 14, Figs. 10-12. [Notes, illustrated.]<sup>1</sup>
- 1914 *Liburnia albicollis* Melichar, Notes Leyden Mus. **36**: 111. [Listed.]<sup>2</sup>
- 1916 *Delphax albicollis* Muir, Philippine Jour. Sci. **11**: 385. [Listed.]<sup>1,2,3</sup>
- 1916 *Liburnia albicollis* Distant, Fauna British India **6**: 145. [Comparative note.]
- 1917 [*Liburnia*] *albicollis* Jacobi, Reise in Ostrafrika. **3**: 530. [Comparative note, listed.]<sup>4</sup>
- 1924 *Liburnia albicollis* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 11. [Listed.]
- 1927 *Liburnia albicollis* Haupt, Homop. Palestine **I**: 11. [Described.]<sup>5</sup>
- 1932 *Delphacodes albicollis* Esaki, Short Course Lectures, Leaf-hoppers :7. [Listed.]<sup>6</sup>
- 1936 *Liburnia albicollis* Lindberg, Comm. Biol. **4** (9): 2, 18. [Listed.]<sup>7,8,9,10,11,12,13</sup> Equals *Liburnia propinqua* Fieb. [Error.]
- 1938 *Liburnia albicollis* China, Arkiv Zool. **30**: 54. To *Delphacodes propinqua* Fieb. [error.]

**albidens** Crawford

- 1914 *Megamelus albidens* Crawford, Mon. Delphacidae :622; Pl. 49, Fig. H. [n. sp., illustrated.]<sup>1</sup> :607. [Key.] Brazil<sup>1</sup>
- 1924 *Delphacodes albidens* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 28; Pl. 3, Figs. 36, 37; Pl. 5, Fig. 77. [Described, illustrated.]<sup>1</sup> Equals *Megamelus albidens* Crawford. :29. [Comparative note.]
- 1926 *Delphacodes albidens* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 31. [Notes.]<sup>1</sup>
- albido flavis* Metcalf (var.). See *Delphacodes lugubrina* var. *albido flavis* Metcalf.

**albifascia** Matsumura

- 1900 *Liburnia albifascia* Matsumura, Ent. Nachr. **26**: 268. [n. sp.]<sup>1</sup> Japan<sup>1</sup>
- 1907 *Delphax albifascia* Oshanin, Verz. Palaeark. Hemip. **2** (2): 330. [Listed.]<sup>1</sup> Equals *Liburnia albifascia* Mats.
- 1912 *Delphax albifascia* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>1</sup>

**albifrons** Fieber

- 1872 *Liburnia albifrons* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>1</sup> Germany<sup>1</sup>  
[nom. nud.] France<sup>2</sup>
- 1875 *Delphax albifrons* Puton, Cat. Hémipt. d'Europe **2** Ed. :120. [Listed.]<sup>1</sup> [nom. nud.] Austria<sup>3</sup>  
Tunisia<sup>4</sup>
- 1879 *Liburnia albifrons* Fieber, Cicad. d'Europe Pt. **4**: 85 (21). [n. sp.]<sup>1</sup> Bulgaria<sup>5</sup>
- 1884 *Delphax albifrons* Mayr, Tabellen :21. [Listed.]<sup>1</sup> South Europe<sup>6</sup>
- 1886 *Delphax albifrons* Puton, Cat. Hémipt. Faune Paléarctique **3** Ed. :73. [Listed.]<sup>1,2</sup> Italy<sup>7</sup>  
Netherlands<sup>8</sup>
- 1896 *Liburnia albifrons* Melichar, Cicad. Mittel-Europa :82; Pl. V, Figs. 28, 29. [Described, illustrated.]<sup>1,7</sup> :72. [Key.]
- 1897 *Liburnia albifrons* Melichar, Wien. Ent. Zeit. **16**: 148. [Notes.]<sup>1,3</sup> :188. [Described.]<sup>3</sup>
- 1899 *Liburnia albifrons* Melichar, Wien. Ent. Zeit. **18**: 180. [Listed.]<sup>4</sup>
- 1899 *Delphax albifrons* Puton, Cat. Hémipt. Faune Paléarctique **4** Ed. :108. [Listed.]<sup>1,2,3</sup>
- 1904 *Delphax albifrons* Hübner, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>1</sup>
- 1907 *Delphax albifrons* Oshanin, Verz. Palaeark. Hemip. **2** (2): 319. [Listed.]<sup>1,2,3,4</sup> Equals *Liburnia albifrons* Fieb.

*Delphacodes*

- 1910 *Delphax albifrons* Oshanin, Ann. Mus. Zool. St. Petersburg 15: 186. [Listed.]<sup>5</sup>  
 1912 *Delphax albifrons* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>1,4,6</sup>  
 1926 *Delphax albifrons* Blöte, Ent. Berichten 7: 157. [Listed.]  
 1926 *Delphax albifrons* Blöte, De Levende Natuur. 4: 113; Fig. 6. [Notes, illustrated.]<sup>8</sup>  
 1935 *Liburnia albifrons* Haupt, Tierwelt Mitteleuropas 4 (3): 114; Fig. 262. [Key, illustrated.] :140. [Notes.]

**albinotata** Crawford

- 1914 *Megamelus teapae albinotatus* Crawford, Mon. Delphacidae :619. Mexico<sup>1</sup>  
 [n. var.]<sup>1</sup>  
 1924 *Delphacodes albinotata* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 36; Pl. 4, Fig. 46; Pl. 5, Fig. 100. [Described, illustrated.]<sup>1</sup> Equals *Megamelus teapae albinotatus* Crawf.

**albocarinata** Stål

- 1858 *Delphax albocarinata* Stål, Öfv. Svenska Vet. Akad. Förh. 15: Sweden<sup>1</sup>  
 357. [n. sp.]<sup>1</sup> Finland<sup>2</sup>  
 1871 *Liburnia albocarinata* Sahlberg, Not. Fennica (n. s.) 9 (12): 426. Scotland<sup>3</sup>  
 [Described.]<sup>4</sup> Equals *Delphax albocarinata* Stål, Equals *Delphax*  
*distincta* Flor [error.] :423. [Key.] :56. [Listed.]<sup>1,2</sup> :28, 38. [Ecology.] :428. [Comparative note.] Scandinavia<sup>4</sup>  
 1872 *Liburnia albocarinata* Fieber, Kat. Europäischen Cicad.: 5. Germany<sup>6</sup>  
 [Listed.]<sup>1</sup> Lapland<sup>7</sup>  
 British Isles<sup>8</sup>  
 1875 *Delphax albocarinata* Puton, Cat. Hémipt. d'Europe 2 Ed. :119.  
 [Listed.]<sup>4</sup>  
 1875 *Liburnia albocarinata* Reuter, Ann. Soc. Ent. France (5) 5: 225, 232. [Polymorphism.]  
 1879 *Liburnia albocarinata* Fieber, Cicad. d'Europe Pt. 4: 73 (9). [Key.]<sup>1</sup> Equals *Delphax albocarinata* Stål. :133 (69). [Key.]  
 1880 *Liburnia albocarinata* Reuter, Medd. Soc. Fauna Fl. Fennica 5: 197. [Listed.]<sup>2</sup>  
 1886 *Delphax albocarinata* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>4</sup>  
 1886 *Liburnia albocarinata* Edwards, Syn. British Homop.-Cicadina Pt. 1: 69. To  
*Liburnia distincta* Flor [error.]  
 1886 *Liburnia distincta* [nec Flor] Edwards, Syn. British Homop.-Cicadina Pt. 1: 69.  
 [Described.]<sup>3</sup> :59. [Key.]  
 1886 *Liburnia similis* [nec Kirschbaum] Edwards, Syn. British Homop.-Cicadina Pt.  
 1: 72. [Described.]<sup>3</sup> :59. [Key.]  
 1890 *Liburnia albocarinata* Buckton, Mon. British Cicadae 2: 46. To *Liburnia distincta*  
 Flor [error.]  
 1894 *Liburnia distincta* [nec Flor] Edwards, Hemip.-Homop. British Islands Pt. 2: 47;  
 Pl. 6, Fig. 2. [Described, illustrated.]<sup>8</sup> :34. [Key.]  
 1894 *Liburnia similis* [nec Kirschbaum] Edwards, Hemip.-Homop. British Islands Pt. 2:  
 51. [Described.]<sup>8</sup> :34. [Key.]  
 1898 *Liburnia albocarinata* Melichar, Wien. Ent. Zeit. 17: 69. [Comparative note.]<sup>1</sup>  
 1899 *Delphax albocarinata* Puton, Cat. Hémipt. Fauna Paléarctique 4 Ed. :107. [Listed.]<sup>2,4</sup>  
 1907 *Delphax albocarinata* Oshanin, Verz. Palaeark. Hemip. 2 (2): 316. [Listed.]<sup>1,2,6,7</sup>  
 Equals *Liburnia albocarinata* Fieb.  
 1912 *Delphax albocarinata* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>4,5</sup>  
 1912 *Delphax albocarinata* Haupt, Berliner Ent. Zeit. 56: 193; Figs. 10a, b. [Described,  
 illustrated.]<sup>6</sup> Equals *Delphax distincta* Flor [error.] Equals *Delphax frontalis* Kirschb.  
 [error.]  
 1924 *Liburnia albocarinata* Lindberg, Acta Soc. Fauna Flora Fennica 56: 46. [Listed.]<sup>2</sup>  
 1931 *Liburnia albocarinata* Haupt, Zeits. Morph. Ökol. Tiere. 21: 228. [Food plants.]<sup>6</sup>  
 1931 *Liburnia albocarinata* Rabeler, Zeits. Morph. Ökol. Tiere 21: 265, 273, 285, 296.  
 [Ecology.]<sup>6</sup>  
 1934 *Delphax albocarinata* Ossiannilsson, Ent. Tidskr. 55: 138. [Listed.]<sup>1</sup>

- 1935 *Liburnia albocarinata* Haupt, Tierwelt Mitteleuropas 4 (3): 144; Fig. 261. [Key, illustrated.] Equals [*Liburnia*] *distincta* Flor. Equals [*Liburnia*] *similis* Kirschb. Equals [*Liburnia*] *albocarinata* var. *brachyptera* Sahlb.
- 1935 *Liburnia albocarinata* Karl, Dohrniana. 14: 140. [Listed.]<sup>6</sup>
- 1937 *Liburnia albocarinata* Kuntze, Arch. Nat. (n. f.) 6: 312, 324, 327, 356, 372. [Ecology.]<sup>6</sup>
- 1938 *Delphacodes albocarinata* China, Ent. Monthly Mag. 74: 197. [Listed.]<sup>8</sup> Equals *Delphacodes distincta* Edw. [nec Flor]. Equals *Delphacodes similis* Edw. [nec Kirschb.]

**albocarinata** var. **intermedia** Sahlberg

- 1871 *Liburnia albocarinata intermedia* Sahlberg, Not. Fennica (n.s.) Sweden<sup>1</sup> 9 (12): 426. [n. var.]<sup>1</sup> To *Liburnia frontalis* Kirschb. [error.]
- 1937 *Liburnia albocarinata intermedia* Lindberg, Not. Ent. 17: 61. [Distinct.]

**albocarinata** var. **palliat**a nom. nov. for *Liburnia albocarinata* var. *b* Sahlberg

- 1871 *Liburnia albocarinata* var. *b* Sahlberg, Not. Fennica (n. s.) 9 (12): Finland<sup>1</sup> 427. [n. var.]<sup>1</sup>

**alboguttata** Melichar

- 1903 *Liburnia alboguttata* Melichar, Homop.-Fauna Ceylon :99; Pl. II, Ceylon<sup>1</sup> Figs. 6, 6a, b. [n. sp., illustrated.]<sup>1</sup> :225. [Listed.]
- 1906 *Liburnia alboguttata* Distant, Fauna British India 3: 482; Fig. 266. [Described, illustrated.]<sup>1</sup>

*albolineosa* Fowler. See *Liburnia furcifera* Horváth.

**albmarginata** Melichar

- 1903 *Liburnia albmarginata* Melichar, Homop.-Fauna Ceylon 1903: Ceylon<sup>1</sup> 103. [n. sp.]<sup>1</sup> :225. [Listed.]<sup>1</sup>
- 1906 *Liburnia albmarginata* Distant, Fauna British India 3: 487. [Described.]<sup>1</sup>

**albostrata** Fieber

- 1866 *Delphax albostrata* Fieber, Verh. Zool. Bot. Ges. Wien 16: 525; Pl. viii, Fig. 25. [n. sp., illustrated.]<sup>1</sup> :532. [Listed.]
- 1871 *Liburnia distinguenda* [sic] [nec Kirschbaum] Sahlberg, Not. Fennica (n. s.) 9 (12): 432. [Described.]<sup>23</sup> Equals *Delphax collina* Stål [error.]. :423. [Key.] :56. [Listed.]<sup>2,3</sup> :56. [Ecology.]
- 1871 *Liburnia distinguenda* [nec Kirschbaum] Sahlberg, Not. Fennica (n. s.) 9 (12): 28. [Ecology.]
- 1872 *Liburnia albostrata* Fieber, Kat. Europäischen Cicad. :5. [Listed.]<sup>4</sup>
- 1875 *Delphax albostrata* Puton, Cat. Hémipt. d'Europe 2 Ed. :119. [Listed.]<sup>4</sup>
- 1879 *Liburnia albostrata* Fieber, Cicad. d'Europe Pt. 4: 77 (13). [Key.]<sup>4</sup> Equals *Delphax albostrata* Fieb.
- 1880 *Liburnia albostrata* Reuter, Medd. Soc. Fauna Fl. Fennica 5: 197. [Listed.]<sup>2</sup> Equals *Liburnia distinguenda* [sic] Sahl. [nec Kirschb.]
- 1880 *Delphax albostrata* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 55. [Listed.]<sup>5</sup>
- 1881 *Liburnia albostrata* Mayr, Ber. Natur.-Med. Ver. Innsbruck 10: 86 (10). [Listed.]<sup>6</sup>
- 1883 *Delphax albostrata* Lethierry, Rev. Ent. 2: 43. [Listed.]<sup>5</sup>
- 1884 *Delphax albostrata* Mayr, Tabellen :21. [Listed.]<sup>4,5,6</sup>
- Spain<sup>1</sup>  
Finland<sup>2</sup>  
Sweden<sup>3</sup>  
Switzerland<sup>4</sup>  
France<sup>5</sup>  
Austria<sup>6</sup>  
Germany<sup>7</sup>  
Czechoslovakia<sup>8</sup>  
Belgium<sup>9</sup>  
Italy<sup>10</sup>  
Hungary<sup>11</sup>  
Russia<sup>12</sup>  
Tunisia<sup>13</sup>  
Caucasus<sup>14</sup>  
Siberia<sup>15</sup>  
Central Europe<sup>16</sup>  
Denmark<sup>17</sup>  
Turkestan<sup>18</sup>  
Portugal<sup>19</sup>  
Europe<sup>20</sup>  
Poland<sup>21</sup>



*Delphacodes*

- 1886 *Delphax albostrata* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. Lapland<sup>22</sup>  
:73. [Listed.]<sup>4,5,7</sup> Equals *Delphax distinguenda* Sahlb. [nec Kirschb.] Scandinavia<sup>23</sup>
- 1886 *Delphax albostrata* Then, Kat. Österreichischen Cicad. 1886: 15. Norway<sup>24</sup>  
[Listed.]<sup>6</sup>
- 1888 *Delphax albostrata* Dubois, Mém. Soc. Linn. Nord France 7: 155 (59). [Listed.]<sup>5</sup>
- 1890 *Delphax albostrata* Funk, Ber. Nat. Ges. Bamberg 15: 140. [Listed.]<sup>7</sup>
- 1891 *Delphax albostrata* Jakovleff, Horae Soc. Ent. Rossicae 25: 426. [Listed.]
- 1892 *Delphax albostrata* Carpentier and Dubois, Mém. Soc. Linn. Nord France 8: 432.  
[Listed.]<sup>5</sup>
- 1892 *Delphax albostrata* Spitzner, Verh. Naturf. Ver. Brünn 30: 27. [Listed.]<sup>8</sup>
- 1892 *Delphax albostrata* Duda, Cat. Ins. Faunae Bohemicae :28. [Listed.]<sup>8</sup> Equals *Delphax distinguenda* Sahlb. [nec Kirschb.]
- 1892 *Delphax albostrata* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>9</sup>
- 1893 *Delphax albostrata* Bezzi, Bull. Soc. Ent. Italian 25: 108 (28). [Listed.]<sup>10</sup>
- 1896 *Liburnia albostrata* Melichar, Cicad. Mittel-Europa :79; Pl. V. Figs. 46, 47. [Described, illustrated.]<sup>4,6,8</sup> :72. [Key.]
- 1897 *Delphax albostrata* Horváth, Fauna Regni Hungariae :56. [Listed.]<sup>14</sup>
- 1898 *Liburnia albostrata* Melichar, Wien. Ent. Zeit. 17: 69. [Comparative note.]
- 1898 *Liburnia albostrata* Melichar, Wien. Ent. Zeit. 17: 69. [Comparative note.]
- 1899 *Liburnia albostrata* Melichar, Wien. Ent. Zeit. 18: 180. [Listed.]<sup>13</sup>
- 1899 *Delphax albostrata* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :108 [Listed.]<sup>4,6,6,7</sup>  
Equals *Delphax distinguenda* Sahlb. (nec. Kirschb.)
- 1900 *Liburnia albostrata* Strobl, Mitt. Natur. Ver. Steiermark 36: 206. [Listed.]<sup>6</sup>
- 1900 *Liburnia albostrata* Melichar, Wien. Ent. Zeit. 19: 45. [Listed.]<sup>15</sup>
- 1902 *Liburnia albostrata* Cobelli, Cicadine Trentino :10. [Listed.]<sup>10</sup>
- 1903 *Delphax albostrata* Graeffe, Boll. Soc. Adriatica Sic. Nat. Trieste 21: 62 (22).  
[Listed.]<sup>10</sup>
- 1904 *Delphax albostrata* Hüeber, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>7</sup> Equals  
*Delphax distinguenda* Sahlb. [nec Kirschb.]
- 1906 *Delphax albostrata* Matsumura, Schr. Nat. Ges. Danzig 11: 76. [Listed.]<sup>7</sup>
- 1907 *Delphax albostrata* Oshanin, Verz. Palaeark. Hemip. 2 (2): 317. [Listed.]<sup>2,3,4,5,6,7,11,12,</sup>  
<sup>13,14,15,22</sup> Equals *Liburnia distinguenda* Sahlb. [nec Kirschb.] Equals *Liburnia albostrata* Fieb.
- 1912 *Delphax albostrata* Oshanin, Kat. Paläarkt. Hemip. :119. [Listed.]<sup>13,14,15,16</sup> Equals  
*Delphax distinguenda* Sahlb. [nec Kirschb.]
- 1913 *Liburnia albostrata* Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]<sup>6</sup>
- 1915 *Liburnia albostrata* Jensen-Haarup, Flora och Fauna 1915: 144. [Described.]<sup>17</sup> :140.  
[Key.]
- 1915 *Liburnia albostrata* Jacobsen, Ent. Medd. 10: 319. [Listed.]<sup>17</sup>
- 1924 *Liburnia albostrata* Lindberg, Acta Soc. Fauna Flora Fennica 56: 46. [Listed.]<sup>2</sup>  
Equals *Liburnia distinguenda* Sahlb. [nec Kirschb.]
- 1924 *Delphacodes albostrata* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 24.  
[Comparative note.]<sup>20</sup>
- 1927 *Delphax albostrata* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 143.  
[Listed.]<sup>5</sup>
- 1929 *Liburnia albostrata* Kusnezov, Wien. Ent. Zeit. 46: 162. [Listed.]<sup>18</sup>
- 1929 *Liburnia albostrata* Lallemand, Mem. Est. Mus. Zool. Univ. Coimbra (1) 39: 7.  
[Listed.]<sup>19</sup>
- 1930 *Liburnia albostrata* de Seabra, Arq. Secc. Biol. e Par. 1 (4): 352. [Notes.]<sup>19</sup> Equals  
*Delphax albostrata*.
- 1934 *Delphax albostrata* Ossiannilsson, Ent. Tidskr. 55: 138. [Listed.]<sup>3</sup>
- 1935 *Liburnia albostrata* Haupt, Tierwelt Mitteleuropas 4 (3): 143; Fig. 258. [Key, illustrated.]
- 1935 *Delphax albostrata* Lindberg, Norsk Ent. Tids. 3: 383. [Listed.]<sup>24</sup>
- 1935 *Liburnia albostrata* Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 8. [Listed.]<sup>7</sup>
- 1937 *Liburnia albostrata* Kuntze, Arch. Nat. [n. f.] 6: 315, 316, 319, 356. [Ecology.]<sup>7</sup>
- 1938 *Liburnia albostrata* Nast, Fragm. Faun. Mus. Zool. Polonici 3: 233 (9). [Listed.]<sup>21</sup>

**alexanderi** Metcalf

- 1923 *Liburnia alexanderi* Metcalf, Jour. Elisha Mitchell Soc. **38**: 209; North Carolina<sup>1</sup>  
Pl. 70, Fig. 704. [n. sp., illustrated.]<sup>1,2,3,4</sup> :172. [Key.] :150. Illinois<sup>2</sup>  
[Listed.] Mississippi<sup>3</sup>  
1927 *Delphacodes alexanderi* Frison, Bull. Illinois Nat. Hist. Surv. **16**: Virginia<sup>4</sup>  
153. [Listed.]<sup>2</sup> Equals *Liburnia alexanderi* Metc.  
1938 *Delphacodes alexanderi* Brimley, Insects of North Carolina **1938**: 103. [Listed.]<sup>1</sup>

**alpina** Sahlberg

- 1871 *Liburnia alpina* Sahlberg, Not. Fennica [n. s.] **9** (12): 462. [n. sp.]<sup>6</sup> Finland<sup>1</sup>  
:424. [Key.] :58. [Listed.]<sup>1</sup> :30. [Ecology.] :454. [Comparative Scandinavia<sup>2</sup>  
note.] Sweden<sup>3</sup>  
1872 *Liburnia alpina* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>1</sup> Russia<sup>4</sup>  
1875 *Delphax alpina* Puton, Cat. Hémipt. d'Europe 2 Ed. :121. [Listed.]<sup>2</sup> Norway<sup>5</sup>  
1881 *Liburnia alpina* Sahlberg, Forh. Vid. Selsk. Christiania 1880 (9): Lapland<sup>6</sup>  
13. [Listed.]<sup>5</sup>  
1886 *Delphax alpina* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>2</sup>  
1899 *Delphax alpina* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :109. [Listed.]<sup>1,2</sup>  
1907 *Delphax alpina* Oshanin, Verz. Palaeark. Hemipt. **2** (2): 328. [Listed.]<sup>3,4,6</sup> Equals  
*Liburnia alpina* Sahlb.  
1910 *Delphax alpina* Oshanin, Ann. Mus. Zool. St. Petersburg **15**: 187. [Listed.]<sup>4</sup>  
1912 *Delphax alpina* Oshanin, Kat. Paläark. Hemipt. :120. [Listed.]<sup>4</sup>  
1924 *Liburnia alpina* Lindberg, Acta Soc. Fauna Flora Fennica **56**: 46. [Listed.]<sup>1</sup>  
1926 *Liburnia alpina* Lindberg, Not. Ent. **6**: 113. [Listed.]<sup>3,5</sup>  
1927 *Liburnia alpina* Lindberg, Mem. Soc. Fauna Flora Fennica **1**: 64, 65, 67. [Ecology.]<sup>6</sup>  
1929 *Liburnia alpina* Kusnezov, Wien. Ent. Zeit. **46**: 167. [Comparative note.]

**alpina** var. **dorsoflava** nom. nov. for *Liburnia alpina* var. *c* Sahlberg

- 1871 *Liburnia alpina* var. *c* Sahlberg, Not. Fennica [n. s.] **9** (12): 463. Finland<sup>1</sup>  
[n. var.]<sup>1</sup>

**alpina** var. **griseoflavescens** nom. nov. for *Liburnia alpina* var. *b* Sahlberg

- 1871 *Liburnia alpina* var. *b* Sahlberg, Not. Fennica [n. s.] **9** (12): 463. Finland<sup>1</sup>  
[n. var.]<sup>1</sup>

**alpina** var. **grisescens** nom. nov. for *Liburnia alpina* var. *e* Sahlberg

- 1871 *Liburnia alpina* var. *e* Sahlberg, Not. Fennica [n. s.] **9** (12): 463. Finland<sup>1</sup>  
[n. var.]<sup>1</sup>

**alpina** var. **nigrovariegata** nom. nov. for *Liburnia alpina* var. *d*. Sahlberg

- 1871 *Liburnia alpina* var. *d* Sahlberg, Not. Fennica [n. s.] **9** (12): 463. Finland<sup>1</sup>  
[n. var.]<sup>1</sup>

**alpina** var. **tota** nom. nov. for *Liburnia alpina* var. *f* Sahlberg

- 1871 *Liburnia alpina* var. *f* Sahlberg, Not. Fennica [n. s.] **9** (12): 463. Finland<sup>1</sup>  
[n. var.]<sup>1</sup>

**analis** Crawford

- 1914 *Megamelus analis* Crawford, Mon. Delphacidae :620; Pl. 49, Wisconsin<sup>1</sup>  
Fig. Ha. [n. sp., illustrated.]<sup>1</sup> :606. [Key.] Northern  
1916 *Liburnia analis* Van Duzee, Check List Hemipt. America :84. States<sup>2</sup>  
[Listed.]<sup>2</sup>

*Delphacodes*

- 1917 *Liburnia analis* Van Duzee, Cat. Hemip. America :779. [Listed.]<sup>1</sup> Equals *Megamelus analis* Crawford.  
 1923 *Liburnia analis* Metcalf, Jour. Elisha Mitchell Soc. **38**: 171; Pl. 69, Fig. 683. [Key, illustrated.]  
 1924 *Delphacodes analis* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 24; Pl. 2, Fig. 18; Pl. 5, Fig. 68. [Described, illustrated.]<sup>1</sup> Equals *Megamelus analis* Crawford.

*anderida* Kirkaldy. See *Nilaparvata lugens* Stål.

**andromeda** Van Duzee

- 1907 *Liburnia andromeda* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **8**: 46. Jamaica<sup>1</sup>  
 [n. sp.]<sup>1,2</sup> British Guiana<sup>2</sup>  
 1909 *Liburnia andromeda* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **9**: Florida<sup>3</sup>  
 203. [Notes.]<sup>1,2,3</sup> British Honduras<sup>4</sup>  
 1914 *Megamelus andromedus* Crawford, Mon. Delphacidae :628. Southern States<sup>5</sup>  
 [Listed.]<sup>1,3,4</sup> Equals *Liburnia andromeda* Van Duz.  
 1914 *Liburnia andromeda* Barber, Bull. American Mus. Nat. Hist. **33**: Pennsylvania<sup>6</sup>  
 529. [Listed.]<sup>3</sup> Georgia<sup>7</sup>  
 1916 *Liburnia andromeda* Van Duzee, Check List Hemip. America :84. Virginia<sup>8</sup>  
 [Listed.]<sup>6</sup> Cuba<sup>9</sup>  
 1917 *Liburnia andromeda* Van Duzee, Cat. Hemip. America :779. Puerto Rico<sup>10</sup>  
 [Listed.]<sup>3,6,12</sup> Equals *Megamelus andromeda* Van Duz. Ohio<sup>11</sup>  
 1920 *Delphacodes andromeda* Spooner, Ent. News **31**: 46. [Ecology.]<sup>7</sup> Neotropical  
 1921 *Liburnia andromeda* Osborn, Florida Ent. **5**: 19. [Listed.]<sup>3</sup> Region<sup>12</sup>  
 1923 *Liburnia andromeda* Metcalf, Jour. Elisha Mitchell Soc. **38**: 172. [Key.]  
 1924 *Delphacodes andromeda* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 36; Pl. 4, Fig. 49; Pl. 6, Fig. 107. [Described, illustrated.]<sup>1,3,8</sup> Equals *Liburnia andromeda* Van Duz.  
 1926 *Delphacodes andromeda* Osborn, Sci. Contr. Trop. Pl. Res. Found. **2**: 360. [Notes.]<sup>9</sup>  
 1926 *Delphacodes andromeda* Osborn, Ann. Ent. Soc. America **19**: 360. [Notes.]<sup>9</sup>  
 1928 *Delphacodes andromeda* Myers, Studies on Cuban Insects **1**: 22. [Listed.]<sup>9</sup>  
 1929 *Delphacodes andromeda* Osborn, Jour. Dept. Agr. Porto Rico **13**: 111. [Listed.]<sup>10</sup>  
 1935 *Delphacodes andromeda* Osborn, Sci. Surv. Porto Rico and Virgin Islands **14**: 254; Fig. 71. [Described, illustrated.]<sup>10,11</sup> Equals *Liburnia andromeda* Van Duz.  
 1936 *Delphacodes andromeda* Wolcott, Jour. Agr. Univ. Puerto Rico **20**: 109. [Listed.]<sup>10</sup>  
 1938 *Delphacodes andromeda* Osborn, Bull. Ohio Biol. Surv. **6**: 338. [Key.] :343; Figs. 39, 41, 42. [Described, illustrated.]<sup>6,11</sup>

*andromeda* Van Duzee [in part.] See *Delphacodes nigrifascies* Muir.

**anemonias** Kirkaldy

- 1907 *Delphax anemonias* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: Queensland<sup>1</sup>  
 159; Pl. 10, Figs. 1, 2; Pl. 16, Figs. 1, 2. [n. sp., illustrated.] :150. Luzon<sup>2</sup>  
 [Key.] :13. [Listed.]  
 1916 *Delphax anemonias* Muir, Philippine Jour. Sci. **11**: 385. [Listed.]<sup>1,2</sup>  
 1928 *Delphacodes anemonias* Jacobi, Mjöberg's Exp. Australia :43. [Listed.]<sup>1</sup>

**angara** Kusnezov

- 1929 *Liburnia angara* Kusnezov, Wien. Ent. Zeit. **46**: 164. [n. sp.]<sup>1</sup> Turkestan<sup>1</sup>  
*angustata* Metcalf [var.] See *Delphacodes forcipata* var. *angustata* Metcalf.  
*annae* Kirkaldy. See *Delphacodes collina* Boheman.

**anthracina** Horváth

- 1909 *Liburna* [sic] *anthracina* Horváth, Ann. Mus. Nat. Hungarici **7**: Canary Islands<sup>1</sup>  
 301. [n. sp.]<sup>1</sup>

- 1910 *Delphax anthracinus* Oshanin, Ann. Mus. Zool. St. Petersburg **15**: 187. [Listed.]<sup>1</sup>  
 1912 *Delphax anthracina* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>1</sup>  
 1936 *Liburnia anthracina* Lindberg, Comm. Biol. **4** (9): 2, 18. [Listed.]<sup>1</sup>

**argentinensis** Muir

- 1929 *Delphacodes argentinensis* Muir, Ann. Mag. Nat. Hist. (10) **3**: 82; Argentina<sup>1</sup>  
 Figs. 14, 15, 16. [n. sp., illustrated.]<sup>1</sup>

*arida* Metcalf (var.). See *Delphacodes exigua* var. *arida* Metcalf.

**arvensis** Fitch

- 1851 *Delphax arvensis* Fitch, Cat. Homop. :46. [n. sp.]<sup>1</sup> New York<sup>1</sup>  
 1852 *Delphax arvensis* Walker, List Homop. British Mus. **4**: 1136. New Jersey<sup>2</sup>  
 [Listed.]<sup>4</sup> Eastern States<sup>3</sup>  
 1869 *Delphax arvensis* Packard, Guide to Study of Insects **1869**: 533. United States<sup>4</sup>  
 [Described.]  
 1877 *Delphax arvensis* Glover, Rept. United States Comm. Agr. **1876**: 28. [Described.]  
 1888 *Delphax arvensis* Packard, Guide to Study of Insects :533. [Notes.]  
 1888 *Delphax arvensis* Packard, Entomology for Beginners **1888**: 82. [Listed.]  
 1889 *Delphax arvensis* Provancher, Petite Faune Ent. Canada **3**: 225. [Comparative note.]  
 1890 *Liburnia arvensis* Van Duzee, Psyche **5**: 390. Equals *Delphax arvensis* Fitch.  
 1890 *Delphax arvensis* Smith, Cat. Ins. New Jersey **1890**: 440. [Listed.]<sup>2</sup>  
 1893 *Delphax arvensis* Fitch, Reprint Cat. Homop. New York :386 (46). [Described.]<sup>1</sup>  
 1893 *Liburnia arvensis* Van Duzee, Rept. New York State Mus. Nat. Hist. **46**: 410.  
 Equals *Delphax arvensis* Fitch.  
 1897 *Liburnia arvensis* [sic] Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 248. [Notes.]<sup>1</sup> Equals  
*Delphax arvensis* Fitch.  
 1897 *Liburnia arvensis* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 227. [Listed.]  
 1899 *Delphax arvensis* Packard, Entomology for Beginners 3 Ed. **1899**: 82. [Listed.]  
 1904 *Liburnia arvensis* Swezey, Prelim. Cat. Fulgoridae North America **1904**: 39. [Listed.]<sup>1</sup>  
 Equals *Delphax arvensis* Fitch.  
 1910 *Liburnia arvensis* Felt, Bull. New York State Mus. **141**: 121. [Listed.] Equals *Del-*  
*phax arvensis* Fitch.  
 1910 *Liburnia arvensis* Young, Bull. New York State Mus. **141**: 124. [Listed.]<sup>1</sup>  
 1914 *Liburnia arvensis* Crawford, Mon. Delphacidae :615. To *Megamelus pellucidus* Fabr.  
 [error.]  
 1916 *Liburnia arvensis* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>3</sup>  
 1917 *Liburnia arvensis* Van Duzee, Cat. Hemip. America :776. [Listed.]<sup>1</sup> Equals *Delphax*  
*arvensis* Fitch.  
 1923 *Liburnia arvensis* Metcalf, Jour. Elisha Mitchell Soc. **38**: 148. To *Liburnia pellucida*  
 Fabr. [error.]

**aterrima** Muir

- 1926 *Delphacodes aterrimus* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: Brazil<sup>1</sup>  
 36; Pl. 5, Figs. 111, 112. [n. sp., illustrated.]<sup>1,2</sup> British Guiana<sup>2</sup>

*aterrima* Stephens [nom. nud.]

- 1829 *Delphax aterrima* Stephens, Catalogue of British Insects **2**: 356. England<sup>1</sup>  
 [Listed.]<sup>2</sup> [nom. nud.] British Isles<sup>2</sup>  
 1829 *Delphax* (?) *aterrima* Stephens, Nomenclature of British Insects  
**1829**: 66. [Listed.]<sup>2</sup> [nom. nud.]  
 1878 *Delphax aterrima* Dale, History of Glanville's Wootton :305. [Listed.]<sup>1</sup> [nom. nud.]

**atrata** Osborn

- 1938 *Delphacodes atrata* Osborn, Bull. Ohio Biol. Surv. **6**: 344; Fig. 41. Ohio<sup>1</sup>  
 [n. sp., illustrated.]<sup>1</sup>



*Delphacodes***atrior** Fowler

- 1905 *Liburnia atrior* Fowler, Biologia Centrali-Americana 1: 134; Pl. Mexico<sup>1</sup> 13, Figs. 10, 10a, 11. [n. sp., illustrated.]<sup>1</sup>  
 1914 *Megamelus atrior* Crawford, Mon. Delphacidae :630. [Listed.]<sup>1</sup> Equals *Liburnia atrior* Fowl. :608. [Key.] :628. [Comparative note.]  
 1926 *Liburnia atrior* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 36. [Note.]

*attenuata* Distant. See *Toya attenuata* Distant.

**aubei** Perris

- 1857 *Delphax aubei* Perris, Ann. Soc. Linn. Lyon 4: 170 (90). [n. sp.]<sup>1</sup> France<sup>1</sup>  
 1859 *Delphax aubei* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup> Germany<sup>2</sup>  
 1866 *Delphax cognata* Fieber, Verh. Zool. Bot. Ges. Wien. 16: 527; Pl. Yugoslavia<sup>3</sup>  
 viii, Fig. 42. [n. sp., illustrated.]<sup>2</sup> :532. [Listed.] Sweden<sup>4</sup>  
 1868 *Delphax obsoleta* Kirschbaum, Cicad. Wiesbaden :33. [n. sp.]<sup>2</sup> Europe<sup>5</sup>  
 1870 *Liburnia cognata* Scott, Ent. Monthly Mag. 7: 75. [Listed.]<sup>13</sup> :28. Italy<sup>6</sup>  
 [Key.] England<sup>7</sup>  
 1871 *Liburnia obsoleta* Sahlberg, Not. Fennica [n. s.] 9 (12): 453. [Described.]<sup>4</sup> Equals *Delphax obsoleta* Kirschb. :424. [Key.] :58. Austria<sup>8</sup>  
 [Listed.]<sup>4</sup> :489. [Listed.]<sup>4</sup> :28, 31. [Ecology.] Czechoslovakia<sup>9</sup>  
 1872 *Liburnia aubei* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>1</sup> Belgium<sup>10</sup>  
 1872 *Liburnia cognata* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>2,4</sup> Russia<sup>11</sup>  
 Equals *Liburnia obsoleta* Kirschb. Transcaucasus<sup>12</sup>  
 1872 *Liburnia cognata* Fieber, Verh. Zool. Bot. Ges. Wien. 22: 29. British Isles<sup>13</sup>  
 Equals *Delphax obsoleta* Kirschb. Hungary<sup>14</sup>  
 1874 *Liburnia aubei* Puton, Ann. Soc. Ent. France (5) 4: 229. Equals Batavia<sup>16</sup>  
*Liburnia cognata* Fieb. Denmark<sup>17</sup>  
 1874 *Liburnia cognata* Lethierry, Cat. Hémipt. Dept. du Nord Second Wales<sup>18</sup>  
 Ed. :258 (54). [Listed.]<sup>1</sup> Portugal<sup>19</sup>  
 1875 *Delphax aubei* Puton, Cat. Hémipt. d'Europe 2 Ed. :120. [Listed.]<sup>5</sup> Netherlands<sup>20</sup>  
 Equals *Delphax cognata* Fieb. Equals *Delphax obsoleta* Kirschb. North Africa<sup>21</sup>  
 1876 *Liburnia cognata* Douglas and Scott, Cat. British Hemip. :69. Poland<sup>22</sup>  
 [Listed.]<sup>13</sup> Equals *Delphax cognata* Fieb. Equals *Delphax obsoleta* Scotland<sup>23</sup>  
 Kirschb. Ireland<sup>24</sup>  
 1879 [*Liburnia*] *cognata* Fieber, Cicad. d'Europe Pt. 4: 86 (22). [Note.]  
 1879 *Liburnia cognata* Fieber, Cicad. d'Europe Pt. 4: 109 (45). [Key.]<sup>1,2,4,5,7</sup> Equals *Delphax cognata* Fieb. Equals *Delphax obsoleta* Kirschb. :140 (76). [Key.]  
 1879 *Liburnia cognata* Norman, Ent. Monthly Mag. 15: 256. [Listed.]<sup>23</sup>  
 1880 *Delphax aubei* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 56. [Listed.]<sup>1</sup>  
 1881 *Liburnia aubei* Scott, Ent. Monthly Mag. 18: 156. Equals *Liburnia cognata* Fieb.  
 1881 *Liburnia cognata* Mayr, Ber. Natur.-Med. Ver. Innsbruck 10: 86 (10). [Listed.]<sup>8</sup>  
 1882 *Delphax aubei* Ferrari, Cicad. Agr. Ligustici :92 (20). [Listed.]<sup>6</sup> Equals *Delphax cognata* Fieb. Equals *Delphax obsoleta* Kirschb.  
 1884 *Delphax aubei* Mayr, Tabellen :21. [Listed.]<sup>1,2,8</sup> Equals *Delphax cognata* Fieb.  
 1884 *Liburnia cognata* Edwards, Trans. Nat. Soc. Norwich 3: 713. [Listed.]<sup>7</sup>  
 1885 *Delphax cognata* Ivanoff, Liste des Cigales :116 (34). [Key.]  
 1886 *Liburnia aubei* Edwards, Syn. British Homop.-Cicadina Pt. 1: 84. [Described.]<sup>3</sup>  
 Equals *Delphax aubei* Perris. Equals *Delphax cognata* Fieb. Equals *Delphax obsoleta* Kirschb. :60. [Key.] Equals *Liburnia cognata* Scott.  
 1886 *Delphax aubei* Then, Kat. Österreichischen Cicad. 1886: 15. [Listed.]<sup>8</sup>  
 1886 *Delphax cognata* Then, Kat. Österreichischen Cicad. 1886: 15. [Listed.]<sup>8</sup>  
 1886 *Delphax aubei* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>3</sup> Equals *Delphax cognata* Fieb. Equals *Delphax obsoleta* Kirschb.  
 1888 *Delphax aubei* Dubois, Mém. Soc. Linn. Nord France 7: 156 (60). [Listed.]<sup>1</sup>  
 1889 *Liburnia aubei* Edwards, Trans. Nat. Soc. Norwich 4: 710. Equals *Liburnia cognata* Fieb.

- 1890 *Liburnia aubei* Buckton, Mon. British Cicadae 2: 59; Pl. xvii, Figs. 2, 2a. [Described, illustrated.]<sup>13</sup> Equals *Delphax aubei* Perr. Equals *Delphax obsoletus* Kirschb. Equals *Liburnia cognatus* Scott. Equals *Delphax cognatus* Fieb.
- 1890 *Liburnia aubei* Buckton, Mon. British Cicadae 3: 65. [Synopsis.]
- 1890 *Delphax aubei* Dominique, Ann. Soc. Acad. Loire-Inférieure 1890: 110 (26). [Listed.]<sup>1</sup>
- 1890 *Liburnia aubei* Saunders and Edwards, Cat. British Hemiptera 1890: 12. [Listed.]<sup>13</sup> Equals *Liburnia cognata* Fieb.
- 1891 *Delphax aubei* Fokker, Cat. Nederland Hemip. :366. [Listed.]<sup>20</sup>
- 1891 *Liburnia aubei* Horváth, Glasnik Hrv. Nar. Družtva 6: 48. [Listed.]<sup>3</sup>
- 1892 *Delphax aubei* Duda, Cat. Ins. Faunae Bohemicae :29. [Listed.]<sup>9</sup> Equals *Delphax cognata* Fieb. Equals *Delphax obsoleta* Kirschb.
- 1892 *Delphax aubei* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>10</sup>
- 1892 *Delphax aubei* Ferrari, Ann. Mus. Genova (2) 12: 569 (21). [Listed.]<sup>6</sup>
- 1892 *Delphax aubei* Dominique, Bull. Soc. Sci. Nat. Ouest France 2: 116. [Listed.]<sup>1</sup>
- 1894 *Delphax aubei* Horváth, Rev. Ent. 13: 177. [Listed.]<sup>11,12</sup>
- 1894 *Liburnia aubei* Edwards, Hemip.-Homop. British Islands Pt. 2: 64; Pl. 7, Fig. 6. [Described, illustrated.]<sup>13</sup> :37. [Key.]
- 1896 *Liburnia aubei* Melichar, Cicad. Mittel-Europa :88; Pl. v, Figs. 39, 40. [Described, illustrated.]<sup>2,8</sup> :73. [Key.]
- 1897 *Delphax aubei* Horváth, Fauna Regni Hungariae :57. [Listed.]<sup>14</sup>
- 1899 *Delphax aubei* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>6</sup> Equals *Delphax cognata* Fieb. Equals *Delphax obsoleta* Kirschb.
- 1899 *Delphax aubei* Lambertie, Proc. Verb. Soc. Linn. Bordeaux 54: cxlv. [Ecology.]<sup>1</sup>
- 1899 *Liburnia aubei* Melichar, Wien. Ent. Zeit. 18: 180. [Listed.]<sup>15</sup>
- 1900 *Liburnia aubei* Strobl, Mitt. Natur. Ver. Steiermark 36: 206. [Listed.]<sup>8</sup>
- 1901 *Delphax aubei* Lambertie, Act. Soc. Linn. Bordeaux 56: 218 (90). [Listed.]<sup>1</sup>
- 1902 *Delphax aubei* Dominique, Bull. Soc. Sci. Nat. Ouest France (22) 2: 223. [Listed.]<sup>1</sup>
- 1904 *Delphax aubei* Hüeber, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>2</sup> Equals *Delphax cognata* Fieb. Equals *Delphax obsoleta* Kirschb.
- 1906 *Delphax aubei* Matsumura, Schr. Nat. Ges. Danzig 11: 76. [Listed.]<sup>2</sup>
- 1907 *Liburnia aubei* Butler, Hemip. Hastings :56. [Listed.]<sup>7</sup>
- 1907 *Delphax aubei* Oshanin, Verz. Palaeark. Hemip. 2 (2): 323. [Listed.]<sup>1,2,4,6,8,11,13,14,15</sup> Equals *Delphax cognata* Fieb. Equals *Delphax obsoleta* Kirschb. Equals *Liburnia obsoleta* Sahlb. Equals *Liburnia cognata* Scott. Equals *Liburnia aubei* Edw.
- 1908 *Delphax aubei* Oshanin, Verz. Palaeark. Hemip. 2 (3): 453. [Listed.]<sup>16</sup>
- 1908 *Delphax aubei* Saunders and Edwards, Cat. British Hemiptera 1908: 15. [Listed.]<sup>13</sup> Equals *Delphax cognata* Fieb.
- 1909 *Delphax aubei* Lambertie, Proc. Verb. Soc. Linn. Bordeaux 63: cxv. [Listed.]<sup>1</sup>
- 1910 *Delphax aubei* Lambertie, Misc. Ent. 18: 93. [Listed.]<sup>1</sup> Equals *Delphax cognata* Fieb. Equals *Delphax obsoleta* Kirschb.
- 1912 *Delphax aubei* Butler, Ent. Monthly Mag. 48: 189. [Listed.]<sup>18</sup>
- 1912 *Delphax aubei* Haupt, Berliner Ent. Zeit. 56: 194. To *Delphax obscurinervis* Kirschb. [error.]
- 1912 *Delphax aubei* Butler, Ent. Monthly Mag. 48: 189. [Listed.]<sup>7</sup>
- 1912 *Delphax aubei* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>6,15</sup> Equals *Delphax cognata* Fieb. Equals *Delphax obsoleta* Kirschb.
- 1913 *Liburnia cognata* Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]<sup>8</sup>
- 1914 *Delphax aubei* Haupt, Ent. Jahrb. 23: 162 (4). [Ecology.]
- 1915 *Liburnia aubei* Jacobsen, Ent. Medd. 10: 320. [Listed.]<sup>17</sup>
- 1915 *Liburnia aubei* Jensen-Haarup, Flora och Fauna 1915: 139. [Key.]
- 1915 *Liburnia obsoleta* Jensen-Haarup, Flora och Fauna 1915: 142. [Key.]
- 1916 *Liburnia aubei* Jensen-Haarup, Flora och Fauna 1916: 33. [Described.]<sup>17</sup> Equals *Liburnia obsoleta* Kirschb.
- 1917 *Delphax aubei* Haupt, Wien. Ent. Zeit. 36: 254. [Listed.]<sup>4</sup>
- 1920 *Liburnia aubei* Jensen-Haarup, Danmarks Fauna :57; Fig. 30 I. [Described, illustrated.]<sup>6,17,21</sup> :49. [Key.]
- 1925 *Delphax aubei* Brown, Ent. Monthly Mag. 61: 63. [Listed.]<sup>18</sup>

*Delphacodes*

- 1925 *Delphax aubei* Haupt, Mitt. Münchner Ent. Ges. 15: 18. [Listed.]<sup>2</sup>  
 1926 *Delphax aubei* Blöte, De Levende Natuur. 4: 113. [Listed.]<sup>20</sup>  
 1928 *Delphax aubei* Brown, Ent. Monthly Mag. 64: 64. [Listed.]<sup>18</sup>  
 1928 *Delphax aubei* Lallemand, Mem. Est. Mus. Zool. Univ. Coimbra 1928: 8. [Listed.]<sup>19</sup>  
 1928 *Delphax aubei* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 10: 85. [Listed.]<sup>1</sup>  
 1930 *Liburnia aubei* de Scabra, Arq. Secc. Biol. e Par. 1 (4): 353. [Notes.]<sup>19</sup>  
 1931 *Liburnia aubei* Duffield, Ent. Monthly Mag. 67: 38. [Described.]<sup>7</sup>  
 1934 *Liburnia aubei* Haupt, Märkische Tierwelt 1: 48 (8). [Listed, food plants.]<sup>2</sup>  
 1934 *Delphax aubei* Ossiannilsson, Ent. Tidskr. 55: 139. [Listed.]<sup>4</sup>  
 1934 *Liburnia aubei* Thornely, Trans. Soc. British Ent. 1: 83. [Listed.]<sup>7</sup>  
 1935 *Delphax aubei* Halbert, Proc. R. Irish Acad. 42 (Sect. B): 310. [Listed.]<sup>24</sup>  
 1935 *Liburnia aubei* Haupt, Tierwelt Mitteleuropas 4 (3): 142; Fig. 248. [Key, illustrated.] Equals [*Liburnia*] *obscurinervis* Kbm. :143. [Comparative note.]  
 1935 *Liburnia aubei* Wagner, Verb. Ver. Naturw. Heimatforschung. 24: 8. [Listed.]<sup>2</sup>  
 1937 *Liburnia aubei* Kuntze, Arch. Nat. [n. f.] 6: 310, 312, 315, 316, 318, 319, 355. [Ecology.]<sup>2</sup>  
 1938 *Liburnia aubei* Nast, Fragm. Faun. Mus. Zool. Polonici 3: 233 (9). [Listed.]<sup>22</sup>

**axillaris** Sahlberg

- 1876 *Liburnia axillaris* Sahlberg, Medd. Soc. Fauna Fl. Fennica 1: 138. Finland<sup>1</sup>  
 [n. sp.]<sup>1</sup>

*b* Sahlberg (var.) [*pellucida*]. See *Delphacodes pellucida* var. *bilineata* Metcalf.

*bakeri* Muir. See *Nilaparvata bakeri* Muir.

**balboae** Muir and Giffard

- 1924 *Delphacodes balboae* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 36; Pl. 6, Fig. 109. [n. sp., illustrated.]<sup>1</sup> Mexico<sup>1</sup>  
 Ecuador<sup>2</sup>  
 1926 *Delphacodes balboae* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 34; Pl. 5, Figs. 102, 103. [Notes, illustrated.]<sup>1,2,3</sup> British Guiana<sup>3</sup>  
 1926 *Delphacodes balboa* [sic] Muir, Hawaiian Sugar Pl. Assoc. 18: 1. [Distribution.]

**balli** Muir and Giffard

- 1924 *Delphacodes balli* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 30; Pl. 3, Fig. 34; Pl. 4, Fig. 40; Pl. 6, Fig. 105. [n. sp., illustrated.]<sup>1</sup> Connecticut<sup>1</sup>  
 1926 [*Delphacodes*] *balli* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 33. [Comparative note.]

**banosensis** Muir

- 1926 *Delphacodes banosensis* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 31; Pl. 5, Figs. 117–119. [n. sp., illustrated.]<sup>1</sup> Ecuador<sup>1</sup>

**basalis** Matsumura

- 1915 *Liburnia (Delphax) basalis* Matsumura, Trans. Sapporo Nat. Hist. Soc. 5: 178. [n. sp.]<sup>1</sup> :158, 184. [Listed.]<sup>1</sup> Japan<sup>1</sup>

*basiflavus* Metcalf (var.). See *Delphacodes pullula* var. *basiflavus* Metcalf.

**basivitta** Van Duzee

- 1909 *Liburnia basivitta* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 9: 202. [n. sp.]<sup>1,2,3,4</sup> New York<sup>1</sup>  
 Ontario<sup>2</sup>  
 1914 *Liburnia basivitta* Barber, Bull. American Mus. Nat. Hist. 33: 529. [Listed.]<sup>4</sup> Ohio<sup>3</sup>  
 Florida<sup>4</sup>

- 1914 *Megamelus basivitta* Crawford, Mon. Delphacidae :626; Pl. 49, Fig. G. [Described, illustrated.]<sup>6,7,8</sup> Equals *Liburnia basivitta* Van Duz. :608. [Key.] Alabama<sup>5</sup>  
Mississippi<sup>6</sup>  
California<sup>7</sup>
- 1916 *Liburnia basivitta* Van Duzee, Check List. Hemip. America :84. [Listed.]<sup>9</sup> Colorado<sup>8</sup>  
Southeastern
- 1917 *Liburnia basivitta* Van Duzee, Cat. Hemip. America :776. [Listed.]<sup>1,3,4,10,11</sup> Equals *Megamelus basivitta* Van Duzee. States<sup>9</sup>  
Massachusetts<sup>10</sup>
- 1921 *Liburnia basivitta* Osborn, Florida Ent. 5: 19. [Listed.]<sup>4</sup> Georgia<sup>11</sup>
- 1923 *Liburnia basivitta* Metcalf, Jour. Elisha Mitchell Soc. 38: 172; Pl. 70, Fig. 699. [Key, illustrated.] Eastern States<sup>12</sup>  
Indiana<sup>13</sup>
- 1923 *Liburnia basivitta* Van Duzee, Fulgoridae Hemip. Connecticut :53. [Notes, key.]<sup>12</sup> North Carolina<sup>14</sup>  
Louisiana<sup>15</sup>
- 1924 *Delphacodes basivitta* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 27; Pl. 1, Fig. 6; Pl. 5, Fig. 93. [Described, illustrated.]<sup>3</sup> Equals *Liburnia basivitta* Van Duzee.
- 1928 *Delphacodes basivitta* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 181. [Listed.]<sup>1</sup>
- 1930 *Delphacodes basivitta* Johnson, Publ. Nantucket Maria Mitchell Assoc. 3 (2): 36. [Listed.]<sup>10</sup>
- 1934 *Liburnia basivitta* Heaton, Bull. Brooklyn Ent. Soc. 29: 114. [Listed.]<sup>13</sup>
- 1938 *Delphacodes basivittata* [sic] Brimley, Insects of North Carolina 1938: 103. [Listed.]<sup>14</sup>
- 1938 *Delphacodes basivitta* Osborn, Bull. Ohio Biol. Surv. 6: 338. [Key.] :339; Figs. 39, 41. [Described, illustrated.]<sup>3</sup>
- 1938 [*Delphacodes*] *basivitta* Osborn, Bull. Ohio Biol. Surv. 6: 344. [Comparative note.]
- 1939 *Delphacodes basivittata* [sic] Glick, Tech. Bull. United States Dept. Agr. 673: 27. [Listed.]<sup>15</sup>

*basivittata*. Typographical error for *Delphacodes basivitta* Van Duzee.

### **bellicosa** Muir and Giffard

- 1924 *Delphacodes bellicosa* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 35; Pl. 6, Figs. 112, 113. [n. sp., illustrated.]<sup>1</sup> California<sup>1</sup>

### **bergi** Scott

- 1879 *Liburnia cognata* [nec Fieber] Berg, An. Soc. Cient. Argentina 8: 188. [n. sp.]<sup>1</sup> Argentina<sup>1</sup>
- 1879 *Liburnia cognata* Berg, Hemip. Argentina :224. [n. sp.]<sup>1</sup>
- 1881 *Liburnia bergi* Scott, Ent. Monthly Mag. 18: 156. nom. nov. for *Liburnia cognata* Berg [nec Fieb.]
- 1883 *Liburnia bergi* Berg, An. Soc. Cient. Argentina 16: 237. [Listed.]<sup>1</sup> Equals *Liburnia cognata* Berg.
- 1884 *Liburnia bergi* Berg, Add. Hemip. Argentina :143. [Listed.]<sup>1</sup> Equals *Liburnia cognata* Berg
- 1914 *Megamelus bergi* Crawford, Mon. Delphacidae :631. [Listed.]<sup>1</sup> Equals *Liburnia cognata* Berg. Equals *Liburnia bergi* Scott.
- 1926 *Delphacodes bergi* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 38. [Listed.] Equals *Liburnia cognata* Berg. Equals *Liburnia bergi* Scott.

### **biarmica** Sahlberg

- 1871 *Liburnia biarmica* Sahlberg, Not. Fennica [n. s.] 9 (12): 430. [n. sp.]<sup>1</sup> :423. [Key.] :56. [Listed.]<sup>1</sup> :30, 36. [Ecology.] Finland<sup>1</sup>  
Scandinavia<sup>2</sup>
- 1872 *Liburnia biarmica* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>1</sup> France<sup>3</sup>
- 1875 *Delphax biarmica* Puton, Cat. Hémip. d'Europe 2 Ed. :121. [Listed.]<sup>2</sup> Russia<sup>4</sup>
- 1886 *Delphax biarmica* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>2,3</sup>
- 1899 *Delphax biarmica* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :109. [Listed.]<sup>1,2,3</sup>



*Delphacodes*

- 1907 *Delphax biarmica* Oshanin, Verz. Palaeark. Hemip. 2 (2): 328. [Listed.]<sup>1,4</sup> Equals *Liburnia biarmica* Sahlb.  
 1912 *Delphax biarmica* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>3,4</sup>  
 1924 *Liburnia biarmica* Lindberg, Acta Soc. Fauna Flora Fennica 56: 46. [Listed.]<sup>1</sup>  
 1937 [*Liburnia*] *biarmica* Lindberg, Not. Ent. 17: 61. To *Liburnia concinna* Lindberg. [error.]

*bilineata* Metcalf (var.). See *Delphacodes pellucida* var. *bilineata* Metcalf.

*bimacula* Metcalf (var.). See *Delphacodes lugubrina* var. *bimacula* Metcalf.

**boldi** Scott

- 1870 *Liburnia boldi* Scott, Ent. Monthly Mag. 7: 68. [n. sp.] :26. [Key.] England<sup>1</sup>  
 1872 *Liburnia boldi* Fieber, Kat. Europäischen Cicad. :5. [Listed.]<sup>1</sup> Sweden<sup>2</sup>  
 1873 *Liburnia boldi* Scott, Ent. Monthly Mag. 9: 240. [Comparative note.] British Isles<sup>3</sup>  
 Germany<sup>4</sup>  
 1875 *Delphax boldi* Puton, Cat. Hémip. d'Europe 2 Ed. :119. [Listed.]<sup>3</sup> Hungary<sup>5</sup>  
 1876 *Liburnia boldi* Douglas and Scott, Cat. British Hemip. :67. Denmark<sup>6</sup>  
 [Listed.]<sup>3</sup> Central Europe<sup>7</sup>  
 1879 *Liburnia boldi* Fieber, Cicad. d'Europe Pt. 4: 81 (17). [Key.]<sup>1</sup>  
 Equals *Delphax boldi* Dougl. [nom. nud.] :142 (78). [Key.]  
 1886 *Delphax boldi* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>3</sup>  
 1886 *Liburnia boldi* Edwards, Syn. British Homop.-Cicadina Pt. 1: 70; Pl. II, Fig. 17. [Described, illustrated.]<sup>3</sup> :59. [Key.]  
 1889 *Liburnia boldi* Edwards, Trans. Nat. Soc. Norwich 4: 705. [Listed.]<sup>1</sup>  
 1890 *Liburnia boldi* Buckton, Mon. British Cicadae 2: 64. [Listed.]<sup>1</sup>  
 1890 *Liburnia boldi* Saunders and Edwards, Cat. British Hemiptera 1890: 11. [Listed.]<sup>3</sup>  
 1894 *Liburnia boldi* Edwards, Hemip.-Homop. British Islands Pt. 2: 47; Pl. 6, Fig. 2a. [Described, illustrated.]<sup>3</sup> :34. [Key.]  
 1899 *Liburnia boldi* Edwards, Trans. Nat. Soc. Norwich 6: 532. [Listed.]<sup>1</sup>  
 1899 *Delphax boldi* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>3</sup>  
 1906 *Delphax boldi* Matsumura, Schr. Nat. Ges. Danzig 11: 76. [Listed.]<sup>4</sup>  
 1907 *Delphax boldi* Oshanin, Verz. Palaeark. Hemip. 2 (2): 318. [Listed.]<sup>3,4</sup> Equals *Liburnia boldi* Scott.  
 1907 *Delphax boldi* Horváth, Ann. Mus. Nat. Hungarici 5: 504. [Listed.]<sup>5</sup>  
 1908 *Delphax boldi* Saunders and Edwards, Cat. British Hemiptera 1908: 15. [Listed.]<sup>3</sup>  
 1908 *Delphax boldi* Oshanin, Verz. Palaeark. Hemip. 2 (3): 453. [Listed.]<sup>5</sup>  
 1912 *Delphax boldi* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>1,4,5</sup>  
 1920 *Liburnia boldi* Jensen-Haarup, Danmarks Fauna :55; Fig. 30, II. [Described, illustrated.]<sup>6,7</sup> :47. [Key.]  
 1930 *Delphax boldi* Britten, Check List Fauna Lanchashire and Cheshire 1: 74. [Listed.]<sup>1</sup>  
 1935 *Liburnia boldi* Haupt, Tierwelt Mitteleuropas 4 (3): 142; Fig. 249. [Key, illustrated.]  
 1935 *Liburnia boldi* Ossiannilsson, Ent. Tidskr. 56: 134. [Notes.]<sup>2</sup> :130. [Ecology.]  
 1935 *Liburnia boldi* Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 8. [Listed.]<sup>4</sup>  
 1937 *Liburnia boldi* Kuntze, Arch. Nat. [n. f.] 6: 309, 310, 355. [Ecology.]<sup>4</sup>  
 1937 *Liburnia boldi* Lindberg, Opuscula Entomologica. Lund 2: 137. [Listed.]<sup>2</sup>

**boxi** Muir

- 1926 *Delphacodes boxi* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 32; Brazil<sup>1</sup>  
 Pl. 5, Figs. 120-122. [n. sp., illustrated.]<sup>1,2</sup> British Guiana<sup>2</sup>

**brevipennis** Boheman

- 1847 *Delphax brevipennis* Boheman, Öfv. Svenska Vet. Akad. Förh. Sweden<sup>1</sup>  
 1847: 266. [n. sp.]<sup>1</sup> England<sup>2</sup>  
 1847 *Delphax brevipennis* Boheman, Handl. Svenska Vet. Akad. 1847: Poland<sup>3</sup>  
 49. [Described.]<sup>1</sup> Finland<sup>4</sup>

- 1847 *D[elphax] brevipennis* Boheman, Handl. Svenska Vet. Akad. 1847: 54, 56. [Comparative note.] Germany<sup>5</sup>  
Norway<sup>6</sup>
- 1850 *Delphax brevipennis* Boheman, Handl. Svenska Vet. Akad. 1849: 257. [Listed.]<sup>1</sup> Europe<sup>7</sup>  
Scandinavia<sup>8</sup>
- 1850 *Delphax brevipennis* Schaum, Allg. Encykl. Ersch und Gruber 51: 69. [Listed.]<sup>1</sup> Austria<sup>9</sup>  
Switzerland<sup>10</sup>
- 1850 *Delphax bivittata* Boheman, Handl. Svenska Vet. Akad. 1849: 259. [n. sp.]<sup>1</sup> Italy<sup>11</sup>  
Sardinia<sup>12</sup>
- 1851 *Delphax brevipennis* Walker, List. Homop. British Mus. 2: 357. [Listed.]<sup>1</sup> Czechoslovakia<sup>13</sup>  
British Isles<sup>14</sup>
- 1851 *Delphax bivittata* Schaum, Arch. Naturg. 27: 268. [Listed.]<sup>1</sup> Hungary<sup>15</sup>
- 1852 *Delphax brevipennis* Boheman, Handl. Svenska Vet. Akad. 1851: 118. [Listed.]<sup>1</sup> Yugoslavia<sup>16</sup>  
France<sup>17</sup>
- 1854 *Delphax hyaliniennis* Stål, Öfv. Svenska Vet. Akad. Förh. 11: 194. [n. sp.]<sup>1</sup> Russia<sup>18</sup>  
Denmark<sup>19</sup>
- 1854 *Delphax brevipennis* Stål, Öfv. Svenska Vet. Akad. Förh. 11: 194. [Described.]<sup>1</sup> Netherlands<sup>20</sup>
- 1854 *Delphax bivittata* Stål, Öfv. Svenska Vet. Akad. Förh. 11: 196. [Described.]<sup>1</sup>
- 1858 *Delphax hyaliniennis* Stål, Öfv. Svenska Vet. Akad. Förh. 15: 358. [Comparative note.]
- 1858 *Delphax hyaliniennis* Walker, List Homop. British Mus. Add. :324. [Listed.]<sup>1</sup>
- 1858 *Delphax bivittata* Walker, List Homop. British Mus. Add. :324. [Listed.]<sup>1</sup>
- 1859 *Delphax brevipennis* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup>
- 1859 *Delphax bivittata* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup>
- 1859 *Delphax hyaliniennis* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup>
- 1860 *Delphax brevipennis* Walker, List British Hemip. :17. [Listed.]<sup>2</sup>
- 1866 *Delphax hyaliniennis* Fieber, Verh. Zool. Bot. Ges. Wien 16: Pl. viii, Fig. 51. [Illustrated.]
- 1867 *Delphax bivittatus* Marshall, Ent. Monthly Mag. 3: 269. [Described.]<sup>14</sup>
- 1868 *Delphax brevipennis* Sahlberg, Not. Fennica (n. s.) 9 (9): 217. [Notes.]<sup>4</sup> Equals *Delphax hyaliniennis* Stål. :188. [Listed.]<sup>4</sup>
- 1868 *Delphax hyaliniennis* Kirschbaum, Cicad. Wiesbaden :28. [Key.]<sup>5</sup>
- 1870 *Liburnia hyaliniennis* Scott, Ent. Monthly Mag. 7: 75. [Notes.]<sup>7</sup>
- 1871 *Delphax bivittata* Sahlberg, Not. Fennica (n. s.) 9 (12): 413. [Listed.]
- 1871 *Liburnia brevipennis* Sahlberg, Not. Fennica (n. s.) 9 (12): 444. [Described.]<sup>1,4,6</sup> Equals *Delphax brevipennis* Boh. Equals *Delphax hyaliniennis* Stål. Equals *Delphax neglecta* Flor [error.] :424. [Key.] :56. [Listed.]<sup>1,4,6</sup> :37. [Ecology.]
- 1872 *Achorotile bivittata* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>1</sup>
- 1872 *Liburnia hyaliniennis* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>7</sup> Equals *Liburnia brevipennis* Boh. Equals *Liburnia hemiptera* Germ. [error.]
- 1874 *Delphax hyaliniennis* Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 83. [Listed.]<sup>5</sup>
- 1874 *Liburnia brevipennis* Siebke, Enumeratio Insectorum Norvegicorum 1: 40. [Listed.]<sup>6</sup>
- 1875 *Achorotile bivittata* Puton, Cat. Hémip. d'Europe 2 Ed. :122. [Listed.]<sup>8</sup>
- 1875 *Delphax brevipennis* Puton, Cat. Hémip. d'Europe 2 Ed. :121. [Listed.]<sup>7</sup> Equals *Delphax hyaliniennis* Stål. Equals *Delphax hemiptera* Germ. [error.]
- 1879 *Achorotile bivittata* Fieber, Cicad. d'Europe Pt. 4: 153 (89). [Key.]<sup>1</sup> Equals *Delphax bivittata* Boh.
- 1879 *Liburnia hyaliniennis* Fieber, Cicad. d'Europe Pt. 4: 120 (56). [Key.]<sup>1,5,9,10</sup> Equals *Delphax hyaliniennis* Stål. Equals *Delphax brevipennis* Boh. :131 (67). [Key.]
- 1880 *Liburnia brevipennis* Reuter, Medd. Soc. Fauna Fl. Fennica 5: 200. [Listed.]<sup>4</sup>
- 1880 *Delphax bivittata* Reuter, Medd. Soc. Fauna Fl. Fennica 5: 196. [Notes.]<sup>4</sup> To *Stenocarenum* [sic] *guttula* Germ. [error.]
- 1882 *Delphax brevipennis* Ferrari, Cicad. Agri. Ligustici :93 (21). [Listed.]<sup>11</sup> Equals *Delphax hyaliniennis* Stål.
- 1884 *Delphax brevipennis* Mayr, Tabellen :21. [Listed.]<sup>5,9,10</sup> Equals *Delphax hyaliniennis* Stål.

## Delphacodes

- 1885 *Achorotile bivittata* Edwards, Ent. Monthly Mag. **22**: 67. [Note.] :66. [Key.]
- 1885 *Liburnia brevipennis* Edwards, Ent. Monthly Mag. **22**: 67. Equals *Liburnia hyalinipennis* Stål.
- 1886 *Kelisia bivittata* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :72. To *Kelisia guttula* Germ. [error.]
- 1886 *Delphax brevipennis* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>7</sup> Equals *Delphax hyalinipennis* Stål. Equals *Delphax hemiptera* Germ. [error.] Equals *Delphax bivittata* Boh.
- 1886 *Liburnia brevipennis* Edwards, Syn. British Homop.-Cicadina Pt. 1: 86; Pl. II, Fig. 12. [Described, illustrated.]<sup>14</sup> Equals *Delphax brevipennis* Boh. Equals *Delphax hyalinipennis* Stål. Equals *Liburnia hyalinipennis* Fieb. :61. [Key.]
- 1886 *Achorotile bivittata* Edwards, Syn. British Homop.-Cicadina Pt. 1: 56. To *Liburnia fairmairei* Paris [error.]
- 1886 *Delphax hyalinipennis* Then, Kat. Österreichischen Cicad. **1886**; 16. [Listed.]<sup>9</sup>
- 1888 *Delphax brevipennis* Costa, Atti. Acc. Sci. Napoli (2) **1** (9): 39. [Listed.]<sup>2</sup>
- 1889 *Liburnia brevipennis* Edwards, Trans. Nat. Soc. Norwich **4**: 706. [Listed.]<sup>2</sup>
- 1890 *Achrotyle* [sic] *bivittata* Buckton, Mon. British Cicadae **2**: 57. [Note.]
- 1890 *Liburnia brevipennis* Buckton, Mon. British Cicadae **3**: 75. [Comparative note.]
- 1890 *Achrotile* [sic] *bivittata* Buckton, Mon. British Cicadae **3**: 74. [Listed.]
- 1890 *Sitrona bivittata* Buckton, Mon. British Cicadae **3**: 75. [Comparative note.]
- 1890 *Liburnia brevipennis* Saunders and Edwards, Cat. British Hemiptera **1890**: 12. [Listed.]<sup>14</sup>
- 1890 *Liburnia brevipennis* Buckton, Mon. British Cicadae **2**: 56; Pl. xvi, Figs. 3, 3a. [Described, illustrated.]<sup>14</sup> Equals *Delphax brevipennis* Boh. Equals *Delphax hyalinipennis* Stål. Equals *Liburnia hyalinipennis* [sic] Sahlb. :57. [Comparative note.]
- 1892 *Delphax brevipennis* Ferrari, Ann. Mus. Genova (2) **12**: 570 (22). [Listed.]<sup>11</sup>
- 1892 *Liburnia brevipennis* Saunders, Ent. Monthly Mag. **28**: 218. [Listed.]<sup>2</sup>
- 1892 *Kelisia bivittata* Duda, Cat. Ins. Faunae Bohemicae :28. To *Kelisia guttula* Germ. [error.]
- 1892 *Delphax* (?) *brevipennis* Duda, Cat. Ins. Faunae Bohemicae :29. [Listed.]<sup>13</sup> Equals *Delphax hyalinipennis* Stål. Equals *Delphax hemiptera* Germ. (♀) Equals *Delphax bivittata* Boh.
- 1894 *Liburnia brevipennis* Edwards, Hemip.-Homop. British Islands Pt. 2: Pl. 7, Figs. 10, 10a. [Illustrated.] :37. [Key.]
- 1894 *Liburnia brevipennis* Edwards, Hemip.-Homop. British Islands Pt. 3: 66. [Described.]<sup>14</sup>
- 1896 *Liburnia brevipennis* Melichar, Cicad. Mittel-Europa :91; Pl. v, Figs. 56, 57. [Described, illustrated.]<sup>5,9</sup> :74. [Key.]
- 1897 *Delphax brevipennis* Horváth, Fauna Regni Hungariae :57. [Listed.]<sup>15</sup>
- 1899 *Delphax brevipennis* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>7</sup> Equals *Delphax hyalinipennis* Stål. Equals *Delphax hemiptera* Germ. [error.] Equals *Delphax bivittata* Boh.
- 1899 *Kelisia bivittata* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :107. To *Kelisia guttula* Germ. [error.]
- 1903 *Delphax brevipennis* Horváth, Ann. Mus. Nat. Hungarici **1**: 28. [Listed.]<sup>16</sup>
- 1904 *Delphax brevipennis* Hüeber, Syst. Verz. deutschen Zikadinen :270. [Listed.]<sup>15</sup> Equals *Delphax hyalinipennis* Stål. Equals *Delphax hemiptera* Germ. [error.] Equals *Delphax bivittata* Boh.
- 1904 *Kelisia bivittata* Hüeber, Syst. Verz. deutschen Zikadinen :268. To *Kelisia guttula* Germ. [error.]
- 1906 *Delphax brevipennis* Matsumura, Schr. Nat. Ges. Danzig **11**: 76. [Listed.]<sup>9</sup> Equals *Delphax hyalinipennis* Stål.
- 1907 *Delphax brevipennis* Oshanin Verz. Palaeark. Hemip. **2** (2): 326. [Listed.]<sup>1,4,5,9,10,11,14,15,17,18</sup> Equals *Delphax hemiptera* Germ. [error.] Equals *Delphax bivittata* Boh. Equals *Delphax hyalinipennis* Stål. Equals *Liburnia brevipennis* Sahlb. Equals *Liburnia hyalinipennis* Fieb.
- 1907 *Achorotile bivittata* Oshanin, Verz. Palaeark. Hemip. **2**: 304. To *Kelisia guttula* Germ. [error.]

- 1907 *Delphax bivittata* Oshanin, Verz. Palaeark. Hemip. 2: 304. To *Kelisia guttula* Germ. [error.]
- 1908 *Delphax brevipennis* Saunders and Edwards, Cat. British Hemiptera 1908: 15. [Listed.]<sup>14</sup>
- 1909 *Liburnia brevipennis* Pierce, Bull. United States Nat. Mus. 66: 178. [Parasitism.]<sup>19</sup>
- 1910 *Kelisia bivittata* Lambertie, Misc. Ent. 18: 91. To *Kelisia guttula* Germ. [error.]
- 1912 *Delphax brevipennis* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>7</sup> Equals *Delphax* (?) *hemiptera* Germ. [error.] Equals *Delphax bivittata* Boh. Equals *Delphax hyalinipennis* Stål.
- 1912 *Kelisia bivittata* Oshanin, Kat. Paläark. Hemip. :118. To *Kelisia guttula* Germ. [error.]
- 1915 *Liburnia brevipennis* Jensen-Haarup, Flora och Fauna 1915: 139. [Key.] :142. [Comparative note.]
- 1915 *Liburnia brevipennis* Jacobsen, Ent. Medd. 10: 320. [Listed.]<sup>19</sup>
- 1916 *Liburnia brevipennis* Jensen-Haarup, Flora och Fauna 1916: 34. [Described.]<sup>19</sup>
- 1920 *Delphax brevipennis* Tullgren and Wahlgren, Svenska Insekter 1920: 152. [Notes.]<sup>1</sup>
- 1920 *Liburnia brevipennis* Jensen-Haarup, Danmarks Fauna :58; Fig. 31 I. [Described, illustrated.]<sup>7,19</sup> :49. [Key.]
- 1922 *Liburnia brevipennis* MacGillivray, Ent. Berichten 6: 69. [Listed.]<sup>20</sup>
- 1924 *Liburnia brevipennis* Lindberg, Acta Soc. Fauna Flora Fennica 56: 46. [Listed.]<sup>4</sup>
- 1924 *Delphax brevipennis* Lindberg, Not. Ent. 4: 44. [Listed.]<sup>1</sup>
- 1924 *Delphax brevipennis* Sherborn, Index Animalium 4: 882. [Listed.]
- 1925 *Delphax brevipennis* Haupt, Mitt. Münchner Ent. Ges. 15: 18. [Listed.]<sup>5</sup>
- 1929 *Liburnia brevipennis* Kusnezov, Wien. Ent. Zeit. 46: 166. [Comparative note.]
- 1934 *Delphax brevipennis* Ossiannilsson, Ent. Tidskr. 55: 139. [Listed.]<sup>1</sup>
- 1935 *Liburnia brevipennis* Haupt, Tierwelt Mitteleuropas 4 (3): 146; Fig. 274. [Key, illustrated.]
- 1935 *Liburnia brevipennis* Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 9. [Listed.]<sup>5</sup>
- 1937 *Liburnia brevipennis* Kuntze, Arch. Nat. (n. f.) 6: 324, 333, 341, 350, 356. [Ecology.]<sup>5</sup>
- 1938 *Liburnia brevipennis* Nast, Fragm. Faun. Mus. Zool. Polonici 3: 233 (9). [Listed.]<sup>3</sup>

**brevipennis** var. **sordidella** nom. nov. for *Liburnia brevipennis* var. *b* Sahlberg

- 1871 *Liburnia brevipennis* var. *b* Sahlberg, Not. Fennica (n.s.) 9 (12): Finland<sup>1</sup> 445. [n. var.]<sup>1</sup>

**bridwelli** Muir

- 1920 *Delphacodes bridwelli* Muir, Bull. Ent. Res. 10: 140; Figs. 2a, b. Nigeria<sup>1</sup> [n. sp., illustrated.]<sup>1</sup>

*brunnea* Metcalf (var.). See *Delphacodes dalei* var. *brunnea* Metcalf.

**burjata** Kusnezov

- 1929 *Liburnia burjata* Kusnezov, Wien. Ent. Zeit. 46: 159; Figs. 2-4. Turkestan<sup>1</sup> [n. sp., illustrated.]<sup>1</sup>

**campestris** Van Duzee

- 1894 *Liburnia campestris* Van Duzee, Bull. Buffalo Nat. Sci. 5: 191. New York<sup>1</sup> [Listed.]<sup>1</sup> [nom. nud.] Ontario<sup>2</sup>
- 1897 *Liburnia campestris* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: Mississippi<sup>3</sup> 254. [n. sp.]<sup>1,2,3,4,5</sup> :227. [Listed.] New Hampshire<sup>4</sup>
- 1900 *Liburnia campestris* Osborn, Ohio Nat. 1: 11. [Listed.]<sup>6</sup> Michigan<sup>5</sup>
- 1901 *Liburnia campestris* Osborn, Ann. Rept. Ohio. St. Acad. Sci. 9: 36. Ohio<sup>6</sup> [Listed.]<sup>6</sup> Illinois<sup>7</sup>
- 1904 *Liburnia campestris* Swezey, Bull. United States Dept. Agr. Div. United States<sup>8</sup> Ent. (n. s.) 46: 43. [Life history, notes.]<sup>6</sup> Southern



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- 1904 *Liburnia campestris* Swezey, Prelim. Cat. Fulgoridae North America 1904: 41. [Listed.]<sup>1,2,3,4,5,6,7</sup> Canada<sup>9</sup>
- 1904 *Liburnia campestris* Osborn, Proc. Soc. Prom. Agr. Sci. 25: 33. Quebec<sup>10</sup>  
[Economics.]<sup>8,9</sup> Pennsylvania<sup>11</sup>  
Washington, D.C.<sup>12</sup>
- 1905 *Liburnia campestris* Van Duzee, Bull. New York States Mus. 97: 553. [Listed.]<sup>1</sup> Colorado<sup>13</sup>
- 1907 *Liburnia campestris* Moore, Canadian Ent. 39: 189. [Listed.]<sup>10</sup> Nevada<sup>14</sup>
- 1909 *Liburnia campestris* Pierce, Bull. United States Nat. Mus. 66: 178. Arizona<sup>15</sup>  
[Parasitism]<sup>6</sup> California<sup>16</sup>
- 1914 *Megamelus campestris* Crawford, Mon. Delphacidae :617; Pl. 47, Eastern States<sup>17</sup>  
Fig. P. [Described, illustrated.]<sup>1,6,11,12,13,14,15,16</sup> Equals *Liburnia*  
*campestris* Van Duz. :606. [Key.] Canada<sup>18</sup>
- 1916 *Liburnia campestris* Van Duzee, Check List Hemip. America :84. Massachusetts<sup>18</sup>  
[Listed.]<sup>17,18</sup> Kansas<sup>20</sup>  
Connecticut<sup>21</sup>
- 1917 *Liburnia campestris* Van Duzee, Proc. California Acad. Sci. 7: 317. [Listed.]<sup>16</sup> Alberta<sup>22</sup>  
Louisiana<sup>23</sup>
- 1917 *Liburnia campestris* Van Duzee, Cat. Hemip. America :776. [Listed.]<sup>1,2,3,4,5,6,10,11,12,16,19,20</sup> Equals *Megamelus campestris* Van Duz.
- 1917 [*Liburnia*]*campestris* Van Duzee, Proc. California Acad. Sci. 7: 316. [Comparative note.]
- 1918 *Liburnia campestris* Fenton, Ohio Jour. Sci. 18: 190, 254, 255. [Parasite.]<sup>6</sup>
- 1918 *Liburnia campestris* Pierce, Proc. United States Nat. Mus. 54: 487. [Parasitized.]<sup>6</sup>
- 1920 *Liburnia campestris* Spooner, Ent. News 31: 44. [Ecology.]<sup>1</sup>
- 1920 *Liburnia campestris* Britton, Check-List Ins. Connecticut :47. [Listed.]<sup>21</sup>
- 1922 *Liburnia campestris* Osborn, Tech. Publ. New York St. Coll. For. 16: 51. [Ecology.]<sup>1</sup>
- 1922 *Liburnia campestris* Osborn and Drake, Tech. Publ. New York St. Coll. For. 16: 22. [Ecology.]<sup>1</sup>
- 1923 *Liburnia campestris* Balduf, Bull. Ohio Agr. Exp. Sta. 366: 165. [Listed.]<sup>6</sup>
- 1923 [*Liburnia*]*campestris* Metcalf, Jour. Elisha Mitchell Soc. 38: 207. [Comparative note.]
- 1923 *Liburnia campestris* Metcalf, Jour. Elisha Mitchell Soc. 38: 171; Pl. 40, Fig. 29; Pl. 69, Fig. 684; Pl. 61, Fig. 453. [Key,illustrated.] :207. [Comparative notes.]
- 1923 *Liburnia campestris* Van Duzee, Fulgoridae Hemip. Connecticut :55. [Notes.]<sup>1,21</sup>  
:53. [Key.]
- 1924 *Liburnia campestris* Metcalf, Ecology 5: 173. [Ecology.]<sup>5</sup>
- 1924 *Delphacodes campestris* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 25; Pl. 1, Fig. 5; Pl. 5, Fig. 70. [Described, illustrated.]<sup>1</sup> Equals *Liburnia campestris* Van Duz.
- 1926 *Liburnia campestris* Coker, Biol. Bull. 50: 29. [Listed.]<sup>19</sup>
- 1928 *Delphacodes campestris* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 181 [Listed.]<sup>1</sup>
- 1930 *Delphacodes campestris* Johnson, Publ. Nantucket Maria Mitchell Assoc. 3 (2): 36. [Listed.]<sup>19</sup>
- 1937 *Liburnia campestris* Strickland, Canadian Ent. 69: 95. [Listed.]<sup>22</sup>
- 1938 [*Delphacodes*]*campestris* Osborn, Bull. Ohio Biol. Surv. 6: 346. [Comparative note.]
- 1938 *Delphacodes campestris* Osborn, Bull. Ohio Biol. Surv. 6: 338. [Key.] :341; Figs. 38d, 40, 41. [Described, illustrated.]<sup>6</sup>
- 1939 *Delphacodes campestris* Glick, Tech. Bull. United States Dept. Agr. 673: 27. [Listed.]<sup>23</sup>
- 1939 *Delphacodes campestris* Hassan, Trans. Ent. Soc. London 89: 364. [Parasites.]<sup>6</sup>  
Equals *Liburnia campestris* Van Duz.
- 1939 *Delphacodes campestris* Osborn, Meadow and Pasture Insects 1939: 161; Fig. 75. [Note, illustrated.]
- 1940 *Delphacodes campestris* Strickland, Canadian Ent. 72: 88. Equals *Liburnia campestris* Van Duz.

**capellana** Jacobi

- 1917 *Delphax capellana* Jacobi, Reise in Ostafrika 3: 530; Pl. 32, Figs. 6, 6a, b. [n. sp., illustrated.]<sup>1</sup> Madagascar<sup>1</sup>

**capnodes** Scott

- 1870 *Liburnia capnodes* Scott, Ent. Monthly Mag. 7: 69. [n. sp.]<sup>1</sup> :26. England<sup>1</sup>  
[Key.] British Isles<sup>2</sup>
- 1872 *Liburnia capnodes* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>1</sup>
- 1875 *Delphax capnodes* Puton, Cat. Hémipt. d'Europe 2 Ed. :120. [Listed.]<sup>2</sup>
- 1876 *Liburnia capnodes* Douglas and Scott, Cat. British Hemipt. :67. [Listed.]<sup>2</sup>
- 1876 *Liburnia capnodes* Fieber, Cicad. d'Europe Pt. 2: 41 [Key.] :76. [Key, female]
- 1879 *Liburnia capnodes* Fieber, Cicad. d'Europe Pt. 4: 105 (41). [Key.]<sup>1</sup> :140 (76). [Key.]
- 1886 *Liburnia capnodes* Edwards, Syn. British Homop.-Cicadina Pt. 1: 73. [Described.]<sup>2</sup>  
:59. [Key.]
- 1886 *Delphax capnodes* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>2</sup>
- 1890 *Liburnia capnodes* Saunders and Edwards, Cat. British Hemiptera 1890: 12.  
[Listed.]<sup>2</sup>
- 1890 *Liburnia capnodes* Buckton, Mon. British Cicadae 2: 41; Pl. 13, Figs. 1-6. [De-  
scribed, illustrated.]<sup>2</sup>
- 1890 *Liburnia capnodes* Buckton, Mon. British Cicadae 3: 65. [Synopsis.]
- 1894 *Liburnia capnodes* Edwards, Hemipt.-Homop. British Islands Pt. 2: 51. [Described.]<sup>2</sup>  
:35. [Key.]
- 1899 *Delphax capnodes* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>2</sup>
- 1907 *Delphax capnodes* Oshanin, Verz. Palaeark. Hemipt. 2 (2): 322. [Listed.]<sup>2</sup> Equals  
*Liburnia capnodes* Scott.
- 1908 *Delphax capnodes* Saunders and Edwards, Cat. British Hemiptera 1908: 15. [Listed.]<sup>2</sup>
- 1912 *Delphax capnodes* Oshanin, Kat. Paläark. Hemipt. :119. [Listed.]<sup>1</sup>

**carinata** Glover

- 1877 *Delphax carinata* Glover, Rept. United States Comm. Agr. 1876: United States<sup>1</sup>  
27; Fig. 6. [n. sp., illustrated.]<sup>1</sup>

**cataniae** Matsumura

- 1910 *Delphax cataniae* Matsumura, Jour. Coll. Sci. Tokyo 27: 35; Fig. 12. [n. sp., illustrated.]<sup>1</sup> Sicily<sup>1</sup>
- 1912 *Delphax cataniae* Oshanin, Kat. Paläark. Hemipt. :120. [Listed.]<sup>1</sup>
- 1924 *Delphax cataniae* Haupt, Mem. Soc. Ent. Italiana 3: 229. [Listed.]<sup>1</sup>

**cayamensis** Crawford

- 1914 *Megamelus cayamensis* Crawford, Mon. Delphacidae :614; Pl. 49, Fig. C. [n. sp., illustrated.]<sup>1</sup> :606. [Key.] Cuba<sup>1</sup>
- 1924 *Delphacodes cayamensis* Muir, and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 29;  
Pl. 3, Figs. 24, 25. [Described, illustrated.]<sup>1</sup> Equals *Megamelus cayamensis* Crawf.
- 1926 *Delphacodes cayamensis* Osborn, Sci. Contr. Trop. Pl. Res. Found. 2: 359. [Listed.]<sup>1</sup>
- 1926 *Delphacodes cayamensis* Osborn, Ann. Ent. Soc. America 19: 359. [Notes.]<sup>1</sup>

**ceresensis** Muir

- 1929 *Delphacodes ceresensis* Muir, Ann. Mag. Nat. Hist. (10) 4: 216; Figs. 49, 50. [n. sp., illustrated.]<sup>1</sup> Cape Province<sup>1</sup>

**chiloensis** Muir

- 1929 *Delphacodes* (?) *chiloensis* Muir, Ann. Mag. Nat. Hist. (10) 3: 79; Figs. 9, 10, 11. [n. sp., illustrated.]<sup>1</sup> Chiloe Island<sup>1</sup>  
(Chile)
- 1934 *Delphacodes chiloensis* Muir, Ann. Mag. Nat. Hist. (10) 14: 580. [Notes.]<sup>1</sup>

*Delphacodes**clypealis* Sahlberg

- 1871 *Liburnia clypealis* Sahlberg, Not. Fennica (n. s.) 9 (12): 454. Finland<sup>1</sup>  
[n. sp.]<sup>1</sup> :424. [Key.] :58. [Listed.]<sup>1</sup> :30. [Ecology.] Scandinavia<sup>2</sup>
- 1875 *Delphax clypealis* Puton, Cat. Hémipt. d'Europe 2 Ed. :120. [Listed.]<sup>2</sup>
- 1886 *Delphax clypealis* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>2</sup>
- 1899 *Delphax clypealis* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>1,2</sup>
- 1907 *Delphax clypealis* Oshanin, Verz. Palaearkt. Hemipt. 2 (2): 324. [Listed.]<sup>1</sup> Equals  
*Liburnia clypealis* Sahlb.
- 1912 *Delphax clypealis* Oshanin, Kat. Paläarkt. Hemipt. :119. [Listed.]<sup>1</sup>
- 1924 *Liburnia clypealis* Lindberg, Acta Soc. Fauna Flora Fennica 56: 46. [Listed.]<sup>1</sup>

*collina* Boheman

- 1847 *Delphax collina* Boheman, Handl. Svenska Vet. Akad. 1847: 51. Sweden<sup>1</sup>  
[n. sp.]<sup>1</sup> England<sup>2</sup>
- 1850 *Delphax collina* Boheman, Handl. Svenska Vet. Akad. 1849: 257. Czechoslovakia<sup>3</sup>  
[Comparative note.] Russia<sup>4</sup>
- 1850 *Delphax collina* Schaum, Allg. Encykl. Ersch und Gruber 51: 69. Finland<sup>5</sup>  
[Listed.]<sup>1</sup> Germany<sup>6</sup>
- 1851 *Delphax collina* Walker, List Homop. British Mus. 2: 358. Europe<sup>7</sup>  
[Listed.]<sup>1</sup> France<sup>8</sup>
- 1853 *Delphax collina* Stål, Öfv. Svenska Vet. Akad. Förh. 10: 175. Austria<sup>9</sup>  
[Comparative note.] Great Britain<sup>10</sup>
- 1854 *Delphax collina* Stål, Öfv. Svenska Vet. Akad. Förh. 11: 194. Italy<sup>11</sup>  
[Described.]<sup>1</sup> Netherland<sup>12</sup>
- 1858 *Delphax collina* Stål, Öfv. Svenska Vet. Akad. Förh. 15: 356. [De- Belgium<sup>13</sup>  
scribed.]<sup>1</sup> Transcaucasus<sup>14</sup>
- 1859 *Delphax collina* Dohrn, Cat. Hemipt. :61. [Listed.]<sup>1</sup> Hungary<sup>15</sup>
- 1860 *Delphax collina* Walker, List British Hemipt. :17. [Listed.]<sup>2</sup> Tunisia<sup>16</sup>
- 1865 *Delphax collinus* Marshall, Ent. Monthly Mag. 1: 199. [Key.] Siberia<sup>17</sup>
- 1866 *Delphax concinna* Fieber, Verh. Zool. Bot. Ges. Wien 16: 525; Pl. Yugoslavia<sup>18</sup>  
VIII, Fig. 28. [n. sp., illustrated.]<sup>3</sup> :532. [Listed.] Estonia<sup>19</sup>
- 1867 *Delphax collina* Sahlberg, Not. Fennica (n. s.) 8: 231. [Listed.]<sup>22</sup> Romania<sup>20</sup>
- 1870 *Achorotile collina* Oshanin, Mém. Soc. Amis Sci. Nat. Moscou 6: Caucasus<sup>21</sup>  
48. [Listed.]<sup>4</sup> Lapland<sup>22</sup>
- 1871 *Achorotile collina* Oshanin, Bull. Imp. Soc. Nat. Hist. Imp. Univ. Batavia<sup>23</sup>  
Moscou 6 (3): 31. [Listed.]<sup>4</sup> Bulgaria<sup>24</sup>
- 1871 *Liburnia collina* Sahlberg, Not. Fennica (n. s.) 9 (12): 429. Equals Denmark<sup>25</sup>  
*Delphax collina* Boh. Turkestan<sup>26</sup>
- 1871 *Delphax collina* Sahlberg, Not. Fennica (n. s.) 9 (12): 432. To Poland<sup>27</sup>  
*Liburnia distinguenda* [sic] Kirschb. [error.] Switzerland<sup>28</sup>
- 1872 *Liburnia concinna* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>3,6</sup> Spain<sup>29</sup>
- 1872 *Liburnia collina* Fieber, Kat. Europäischen Cicad. :5. [Listed.]<sup>7</sup> Equals *Liburnia pallens* Stål. [error.]
- 1872 *Liburnia collina* Fieber, Verh. Zool. Bot. Ges. Wien 22: 28. Equals *Delphax collina*  
Boh. Equals *Liburnia pallens* Stål. [error.]
- 1874 *Delphax collina* Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 82. [Listed.]<sup>6</sup>
- 1874 *Liburnia collina* Lethierry, Cat. Hémipt. Dept. du Nord Second Ed. :258. (54).  
[Listed.]<sup>8</sup>
- 1875 *Delphax collina* Puton, Cat. Hémipt. d'Europe 2 Ed. :119. [Listed.]<sup>7</sup> Equals *Delphax*  
*pallens* Stål. [error.]
- 1875 *Delphax concinna* Puton, Cat. Hémipt. d'Europe 2 Ed. :119. [Listed.]<sup>6,9</sup>
- 1876 *Liburnia collina* Douglas and Scott, Cat. British Hemipt. :67. [Listed.]<sup>10</sup> Equals  
*Delphax collina* Boh. Equals *Delphax pallens* Stål. [error.]
- 1878 *Delphax collina* Dale, History of Glanville's Wootton: 305. [Listed.]<sup>2</sup>

- 1879 *Liburnia collina* Fieber, Cicad. d'Europe Pt. 4: 83 (19). Equals *Delphax collina* Boh.  
 1879 *Liburnia concinna* Fieber, Cicad. d'Europe Pt. 4: 83 (19). [Key.]<sup>3,6</sup> Equals *Delphax concinna* Fieb.  
 1880 *Delphax collina* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 55. [Listed.]<sup>8</sup>  
 1881 *Liburnia collina* Mayr, Ber. Natur.-Med. Ver. Innsbruck 10: 86 (10). [Listed.]<sup>9</sup>  
 1882 *Delphax collina* Ferrari, Cicad. Agri Ligustici :92 (20). [Listed.]<sup>11</sup>  
 1884 *Liburnia collina* Edwards, Trans. Nat. Soc. Norwich 3: 713. [Listed.]<sup>2</sup>  
 1884 *Delphax collina* Mayr, Tabellen :21. [Listed.]<sup>7</sup>  
 1884 *Delphax concinna* Mayr, Tabellen :21. [Listed.]<sup>3,6</sup>  
 1886 *Delphax concinna* Puton, Cat. Hémp. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>6,9</sup>  
 1886 *Delphax concinna* Then, Kat. Österreichischen Cicad. 1886: 15. [Listed.]<sup>9</sup>  
 1886 *Liburnia collina* Löw, Becker's Hernstein in Niederösterreich 3: 497. [Listed.]<sup>9</sup>  
 1886 *Liburnia collina* Edwards, Syn. British Homop.-Cicadina Pt. 1: 67. Equals *Delphax collina* Boh.  
 1886 *Delphax collina* Puton, Cat. Hémp. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>7</sup> Equals *Delphax pallens* Stål. [error.]  
 1890 *Delphax collina* Buckton, Mon. British Cicadae 3: 69. To *Stiroma albomarginata* Curt. [error.]  
 1890 *Delphax collina* Funk, Ber. Nat. Ges. Bamberg 15: 140. [Listed.]<sup>6</sup>  
 1890 *Liburnia collina* Buckton, Mon. British Cicadae 2: 235. Equals *Delphax collina* Boh.  
 1890 *Delphax collina* Dominique, Ann. Soc. Acad. Loire-Inférieure 1890: 110 (26). [Listed.]<sup>8</sup>  
 1890 *Liburnia collina* Saunders and Edwards, Cat. British Hemiptera 1890: 11. [Listed.]<sup>10</sup>  
 1891 *Delphax collina* Fokker, Cat. Nederland Hemip. :336. [Listed.]<sup>12</sup>  
 1891 *Delphax collina* Fokker, Compte Rendu Soc. Ent. Belgique 35: cccxli [Listed.]<sup>13</sup>  
 1891 *Delphax collina* Jakovleff, Horae Soc. Ent. Rossicae 25: 426. [Listed.]  
 1891 *Liburnia collina* Horváth, Glasnik Hrv. Nar. Društva 6: 48. [Listed.]<sup>13</sup>  
 1892 *Delphax collina* Lethierry, Rev. Hémp. Belgique :22. [Listed.]<sup>13</sup>  
 1892 *Delphax collina* Ferrari, Ann. Mus. Genova (2) 12: 569 (21). [Listed.]<sup>11</sup>  
 1892 *Delphax collina* Dominique, Bull. Soc. Sci. Nat. Ouest France 2: 116. [Listed.]<sup>8</sup>  
 1892 *Delphax collina* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>13</sup>  
 1892 *Delphax concinna* Duda, Cat. Ins. Faunae Bohemicae :28. [Listed.]<sup>3</sup>  
 1892 *Delphax collina* Duda, Cat. Ins. Faunae Bohemicae :28. [Listed.]<sup>3</sup> Equals *Delphax pallens* Stål. [error.]  
 1894 *Delphax collina* Horváth, Rev. Ent. 13: 177. [Listed.]<sup>4,14</sup>  
 1894 *Delphax collina* Fokker, Tijdschr. Ent. 37: 83. [Listed.]<sup>12</sup>  
 1894 *Delphax collina* Moraguez y de Manzanos, An. Soc. Española Hist. Nat. 23: 84 (12). [Listed.]<sup>29</sup>  
 1895 *Delphax collina* Wüstnei, Schr. Nat. Ver. Schleswig-Holsteins. 10: 269. [Listed.]<sup>6</sup>  
 1896 *Liburnia concinna* [sic] Melichar, Cicad. Mittel-Europa :82; Pl. v, Fig. 21. [Described, illustrated.]<sup>3,6</sup> :72. [Key.]  
 1897 *Delphax collina* Horváth, Fauna Regni Hungariae :56. [Listed.]<sup>15</sup>  
 1898 *Delphax collina* Dubois, Mém. Soc. Linn. Nord France 9: 234. [Listed.]<sup>8</sup>  
 1899 *Delphax collina* Lambertie, Proc. Verb. Soc. Linn. Bordeaux 54: cxliv. [Ecology.]<sup>8</sup>  
 1899 *Liburnia collina* Melichar, Wien. Ent. Zeit. 18: 180. [Listed.]<sup>16</sup>  
 1899 *Delphax collina* Puton, Cat. Hémp. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>7</sup> Equals *Delphax pallens* Stål. [error.]  
 1899 *Delphax concinna* Puton, Cat. Hémp. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>6,9</sup>  
 1900 *Liburnia collina* Strobl, Mitt. Natur. Ver. Steiermark 36: 206. [Listed.]<sup>9</sup>  
 1900 *Liburnia collina* Melichar, Wien. Ent. Zeit. 19: 45. [Listed.]<sup>17</sup>  
 1901 *Delphax collina* Lambertie, Act. Soc. Linn. Bordeaux 56: 89. [Listed.]<sup>8</sup>  
 1901 *Delphax collina* Horváth, Zool. Erg. Zichy :256. [Listed.]<sup>4</sup>  
 1901 *Delphax collina* Lambertie, Act. Soc. Linn. Bordeaux 56: 217 (89). [Listed.]<sup>8</sup>  
 1902 *Delphax collina* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) 2: 222. [Listed.]<sup>8</sup>  
 1902 *Delphax collina* Lambertie, Proc. Verb. Soc. Linn. Bordeaux 57: lxxix [2], lxxx [3]. [Listed.]<sup>8</sup>  
 1902 *Delphax collina* Lambertie, Act. Soc. Linn. Bordeaux 57: (2). [Listed.]<sup>8</sup>



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- 1903 *Delphax concinna* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste **21**: 63 (3). [Listed.]<sup>11</sup>
- 1903 *Delphax concinna* Horváth, Ann. Mus. Nat. Hungarici **1**: 28. [Listed.]<sup>18</sup>
- 1903 *Delphax collina* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste **21**: 63 (23). [Listed.]<sup>11</sup>
- 1903 *Delphax collina* Horváth, Ann. Mus. Nat. Hungarici **1**: 28. [Listed.]<sup>18</sup>
- 1904 *Delphax collina* Hübner, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>6</sup> Equals *Delphax pallens* Stål. [error.]
- 1904 *Liburnia collina* Cobelli, Verh. Zool. Bot. Ges. Wien **54**: 557. [Listed.]<sup>11</sup>
- 1904 *Delphax concinna* [sic] Hübner, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>6</sup>
- 1906 *Delphax concinna* Matsumura, Schr. Nat. Ges. Danzig **11**: 76. [Listed.]<sup>6</sup>
- 1906 *Delphacodes annae* Kirkaldy, Canadian Ent. **38**: 156. nom. nov. for *Delphax concinna* Fieb.
- 1906 *Delphax collina* Matsumura, Schr. Nat. Ges. Danzig **11**: 76. [Listed.]<sup>6</sup> Equals *Delphax pallens* Stål. [error.]
- 1907 *Delphax collina* Oshanin, Verz. Palaeark. Hemip. **2**(2): 318. [Listed.]<sup>1,4,5,6,8,9,10,11,15,16, [17,19,20,21,22</sup> Equals *Delphax pallens* Stål. [error.] Equals *Liburnia collina* Sahlb.
- 1907 *Delphax collina* Oshanin, Cat. Homop. St. Pétersbourg **1907**: 246 (34). [Listed.]<sup>4</sup>
- 1907 *Liburnia collina* Butler, Hemip. Hastings :56. [Listed.]<sup>2</sup>
- 1907 *Delphax concinna* Oshanin, Verz. Palaeark. Hemip. **2** (2): 319. [Listed.]<sup>3,6</sup> Equals *Liburnia concinna* Fieb.
- 1907 *Delphax concinna* Horváth, Ann. Mus. Nat. Hungarici **5**: 504. [Listed.]<sup>16</sup>
- 1908 *Delphax concinna* Oshanin, Verz. Palaeark. Hemip. **2** (3): 453. [Listed.]<sup>15</sup>
- 1908 *Delphax collina* Saunders and Edwards, Cat. British Hemiptera **1908**: 15. [Listed.]<sup>10</sup>
- 1908 *Delphax collina* Oshanin, Verz. Palaeark. Hemip. **2** (3): 453. [Listed.]<sup>23</sup>
- 1909 *Delphax collina* Lambertie, Proc. Verb. Soc. Linn. Bordeaux **63**: cxlvii. [Listed.]<sup>8</sup>
- 1910 *Delphax collina* Lambertie, Misc. Ent. **18**: 92. [Listed.]<sup>8</sup> Equals *Delphax pallens* Stål. [error.]
- 1910 *Delphax concinna* Oshanin, Ann. Mus. Zool. St. Petersburg **15**: 186. [Listed.]<sup>24</sup>
- 1912 *Delphax concinna* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>6,9,15,24</sup>
- 1912 *Delphax collina* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>7,16,17,21</sup> Equals *Delphax pallens* Stål. [error.]
- 1912 *Liburnia collina* Schmidt, Stett. Ent. Zeit. **73**: 150. [Notes.]<sup>6</sup>
- 1913 *Liburnia collina* Dalla Torre, Ent. Jahrb. **22**: 149. [Listed.]<sup>9</sup>
- 1915 *Liburnia collina* Jensen-Haarup, Flora och Fauna **1915**: 143. [Key.]<sup>25</sup>
- 1915 *Liburnia collina* Jacobsen, Ent. Medd. **10**: 319. [Listed.]<sup>25</sup>
- 1920 *Delphax collina* Tullgren and Wahlgren, Svenska Insekter **1920**: 152. [Notes.]<sup>1</sup>
- 1922 *Delphax collina* Stichel, Int. Ent. Zeits. **16**: 133. [Listed.]<sup>6</sup>
- 1924 *Delphacodes collina* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 30. [Comparative note.]
- 1924 *Liburnia collina* Lindberg, Acta Soc. Fauna Flora Fennica **56**: 46. [Listed.]<sup>6</sup>
- 1925 *Delphax collinus* Kupka, Mitt. Münchner Ent. Ges. **15**: 112. [Listed.]<sup>6</sup>
- 1925 *Delphax collina* Sherborn, Index Animalium **6**: 1401. [Listed.]
- 1925 *Delphax collina* Haupt, Mitt. Münchner Ent. Ges. **15**: 18. [Listed.]<sup>6</sup>
- 1925 *Delphax collina* Hofmanner, Rev. Suisse Zool. **32**: 192. [Ecology.]<sup>28</sup>
- 1928 *Delphax collina* Filipieff, Guide to Insects :159. [Key.]
- 1928 *Delphax collina* Ivanov, Mém. Acad. Sci. Ukraine **6**: 198. [Listed.]<sup>4</sup>
- 1928 *Delphax collina* Ivanov, Trav. Mus. Zool. **1928**: 502. [Listed.]<sup>4</sup>
- 1929 *Liburnia collina* Kusnezov, Wien. Ent. Zeit. **46**: 163. [Listed.]<sup>26</sup>
- 1932 *Liburnia collina* Kusnezov, Bull. Plant Prot. I Ser.: Ent. **5**: 43. [Listed.] Equals *Delphax coll[ina]* Boh.
- 1935 *Liburnia concinna* Haupt, Tierwelt Mitteleuropas **4** (3): 143; Fig. 256. [Key, illustrated.]
- 1935 *Liburnia collina* Haupt, Tierwelt Mitteleuropas **4** (3): 143; Fig. 257. [Key, illustrated.]
- 1935 *Liburnia collina* Wagner, Verh. Ver. Naturw. Heimatforschung. **24**: 8. [Notes.]
- 1935 *Liburnia concinna* Wagner, Verh. Ver. Naturw. Heimatforschung. **24**: 8. [Listed.]<sup>6</sup>
- 1935 *Liburnia concinna* Wagner, Ent. Medd. **19**: 164. [Notes.]
- 1935 *Liburnia collina* Wagner, Ent. Medd. **19**: 163. [Notes.]

- 1936 *Liburnia collina* Ossiannilsson, Opuscula Entomologica. Lund 1: 49. Equals *Liburnia concinna* Fieb.  
 1936 *Liburnia concinna* Nast, Fragm. Faun. Mus. Zool. Polonici 2: 490 (8). [Listed.]<sup>2</sup>  
 1937 *Liburnia collina* Kuntze, Arch. Nat. (n. f.) 6: 312, 315, 319, 322, 323, 326, 327, 350, 356, 370. [Ecology.]<sup>6</sup>  
 1937 *Liburnia concinna* Kuntze, Arch. Nat. (n. f.) 6: 338, 350, 356, [Ecology.]<sup>6</sup>  
 1937 *Liburnia concinna* Lindberg, Not. Ent. 17: 61. [Notes.]<sup>1, 5</sup> To *Liburnia collina* Boh. Equals [*Liburnia*] *biarmica* Sahlb. [error.]

**colocasiae** Matsumura

- 1932 *Liburnia (Delphax) colocasiae* Matsumura, Conspectus Japanese Japan<sup>1</sup>  
 Inj. Ins. 1932: 225. [n. sp.]<sup>1</sup>

**colorata** Motschulsky

- 1863 *Delphax coloratus* Motschulsky, Bull. Soc. Nat. Moscou 36: 110. Ceylon<sup>1</sup>  
 [n. sp.]<sup>1</sup>  
 1891 *Delphax coloratus* Kirby, Jour. Linn. Soc. Zool. 24: 141. [Listed.]<sup>1</sup>  
 1903 *Delphax coloratus* Melichar, Homop.-Fauna Ceylon :105. [Described.]<sup>1</sup> :225. [Listed.]<sup>1</sup>  
 1906 *Liburnia (?) coloratus* Distant, Fauna British India 3: 488. [Described.]<sup>1</sup> Equals *Delphax coloratus* Motsch.

**complexa** Muir

- 1929 *Delphacodes complexa* Muir, Ann. Mag. Nat. Hist. (10) 4: 215; Cape Province<sup>1</sup>  
 Figs. 47, 48. [n. sp., illustrated.]<sup>1, 2</sup> Natal<sup>2</sup>

**concolor** Fieber

- 1866 *Delphax concolor* Fieber, Verh. Zool. Bot. Ges. Wien 16: 529; Pl. France<sup>1</sup>  
 viii, Fig. 56. [n. sp., illustrated.]<sup>1</sup> :532. [Listed.] Germany<sup>2</sup>  
 1868 *Delphax ochroleuca* Kirschbaum, Cicad. Wiesbaden :30. [n. sp.]<sup>2</sup> Czechoslovakia<sup>3</sup>  
 1872 *Liburnia concolor* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>1</sup> Austria<sup>4</sup>  
 1872 *Liburnia ochroleuca* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>2</sup> Denmark<sup>5</sup>  
 1874 *Delphax ochroleuca* Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 83. [Listed.]<sup>2</sup>  
 1875 *Delphax concolor* Puton, Cat. Hémipt. d'Europe 2 Ed. :121. [Listed.]<sup>1</sup>  
 1875 *Delphax ochroleuca* Puton, Cat. Hémipt. d'Europe 2 Ed. :121. [Listed.]<sup>2</sup>  
 1879 *Liburnia concolor* Fieber, Cicad. d'Europe Pt. 4: 126 (62). [Key.]<sup>1</sup> Equals *Delphax concolor* Fieb.  
 1881 *Liburnia concolor* Scott, Ent. Monthly Mag. 18: 104. [Comparative note.]  
 1884 *Delphax concolor* Mayr, Tabellen :21. [Listed.]<sup>2</sup>  
 1884 *Delphax ochroleuca* Mayr, Tabellen :21. [Listed.]  
 1885 *Delphax concolor* Puton, Rev. Ent. 4: 138. Equals *Delphax ochroleuca* Kirschb.  
 1886 *Delphax concolor* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>1, 2</sup>  
 Equals *Delphax ochroleuca* Kirschb.  
 1892 *Delphax concolor* Duda, Cat. Ins. Faunae Bohemicae :29. [Listed.]<sup>3</sup> Equals *Delphax ochroleuca* Kirschb.  
 1896 *Liburnia concolor* Melichar, Cicad. Mittel-Europa :93. [Described.]<sup>2</sup> Equals *Delphax ochroleuca* Kirschb. :74. [Key.]  
 1899 *Delphax concolor* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>1, 2, 4</sup>  
 Equals *Delphax ochroleuca* Kirschb.  
 1904 *Delphax concolor* Hüeber, Syst. Verz. deutschen Zikadinen :270. [Listed.]<sup>2</sup> Equals *Delphax ochroleuca* Kirschb.  
 1907 *Delphax concolor* Oshanin, Verz. Palaeark. Hemip. 2 (2): 328. [Listed.]<sup>1, 2</sup> Equals *Delphax ochroleuca* Kirschb. Equals *Liburnia concolor* Fieb.  
 1912 *Delphax concolor* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>1, 2</sup> Equals *Delphax ochroleuca* Kirschb.

*Delphacodes*

- 1915 *Liburnia concolor* Jensen-Haarup, Flora och Fauna 1915: 142 [Key.]  
 1917 *Paraliburnia jacobseni* Jensen-Haarup, Ent. Medd. 11: 2; Figs. 1a-c. [n. sp., illustrated.]<sup>6</sup>  
 1920 *Liburnia concolor* Jensen-Haarup, Danmarks, Fauna :60; Fig. 26B. [Described, illustrated.]<sup>5</sup> Equals *Paraliburnia jacobseni* Jens.-Haar. :49. [Key.]  
 1920 *Liburnia concolor* Jensen-Haarup, Ent. Medd. 13: 209. Equals *Paraliburnia jacobseni* Jens.-Haar.  
 1935 *Liburnia concolor* Haupt, Tierwelt Mitteleuropas 4 (3): 146; Fig. 275. [Key, illustrated.]

## consimilis Van Duzee

- 1885 *Delphax consimilis* Popenoe, Trans. Kansas Acad. Sci. 9: 63. Colorado<sup>1</sup>  
 [Listed.]<sup>8</sup> [nom. nud.] California<sup>2</sup>  
 1895 *Liburnia consimilis* Gillette and Baker, Hemip. Colorado :69. Nevada<sup>3</sup>  
 [Listed.]<sup>1</sup> [nom. nud.] Washington,  
 1897 *Liburnia consimilis* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: D.C.<sup>4</sup>  
 249. [n. sp.]<sup>1,2</sup> :227. [Listed.] North Carolina<sup>6</sup>  
 1904 *Liburnia consimilis* Swezey, Prelim. Cat. Fulgoridae North Western States<sup>6</sup>  
 America 1904: 39. [Listed.]<sup>1,2</sup> British  
 1914 [*Megamelus*] *consimilis* Crawford, Mon. Delphacidae :617, 625. Columbia<sup>7</sup>  
 [Comparative note.] Kansas<sup>8</sup>  
 1914 *Megamelus consimilis* Crawford, Mon. Delphacidae :616; Pl. 47,  
 Fig. M. [Described, illustrated.]<sup>1,2,3,4</sup> Equals *Liburnia consimilis* Van Duzee. :607.  
 [Key.]  
 1914 *Liburnia consimilis* Van Duzee, Trans. San Diego Soc. Nat. Hist. 2: 45. [Listed.]<sup>2</sup>  
 1915 *Liburnia consimilis* Metcalf, Jour. Elisha Mitchell Soc. 31: 45 (13). [Listed.]<sup>5</sup>  
 1916 *Liburnia consimilis* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>6</sup>  
 1917 *Liburnia consimilis* Van Duzee, Proc. California Acad. Sci. 7: 316. [Notes.]<sup>2</sup>  
 1917 [*Liburnia*] *consimilis* Van Duzee, Proc. California Acad. Sci. 7: 317. [Comparative  
 note.]  
 1917 *Liburnia consimilis* Van Duzee, Cat. Hemip. America :775. [Listed.]<sup>1,2,3,6(?)</sup>,<sup>7</sup> Equals  
*Megamelus consimilis* Van Duz.  
 1918 *Liburnia consinilis* [sic] Johnson and Ledig, Pomona Jour. Ent. 10: 8. [Listed.]<sup>2</sup>  
 1923 *Liburnia consimilis* Metcalf, Jour. Elisha Mitchell Soc. 38: 172; Pl. 70, Fig. 696.  
 [Key, illustrated.]  
 1924 *Delphacodes consimilis* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 21;  
 Pl. 2, Fig. 15, Pl. 5, Figs. 72, 73. [Described, illustrated.]<sup>1,2</sup> Equals *Liburnia con-*  
*similis* Van Duz. :19. [Comparative note.]  
 1926 *Delphacodes consimilis* Dozier, Jour. New York Ent. Soc. 34: 259. [Comparative  
 note.]  
 1927 *Liburnia consimilis* Downes, Proc. Ent. Soc. British Columbia 23: 21. [Listed.]<sup>7</sup>  
 1938 *Delphacodes consimilis* Brimley, Insects of North Carolina 1938: 103. [Listed.]<sup>5</sup>

## conspicua Horváth

- 1904 *Delphax conspicua* Horváth, Ann. Mus. Nat. Hungarici 2: 589. Turkestan<sup>1</sup>  
 [n. sp.]<sup>1</sup> :579. [Listed.]<sup>1</sup>  
 1907 *Delphax conspicua* Oshanin, Verz. Palaeark. Hemip. 2 (2): 323. [Listed.]<sup>1</sup>  
 1912 *Delphax conspicua* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>1</sup>

## conwentzi Matsumura

- 1906 *Delphax conwentzi* Matsumura, Schr. Nat. Ges. Danzig 11: 80; Germany<sup>1</sup>  
 Pl. ii, Figs. 6a-d. [n. sp., illustrated.]<sup>1</sup> :76. [Listed.]<sup>1</sup> Europe<sup>2</sup>  
 1907 *Delphax conwentzi* Oshanin, Verz. Palaeark. Hemip. 2 (2): 325.  
 [Listed.]<sup>1</sup>  
 1908 *Delphax conwentzi* Matsumura, Jour. Coll. Sci. Tokyo 23: 2. [Listed.]<sup>2</sup>

- 1912 *Delphax conwentzi* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>1</sup>  
 1935 [*Liburnia*] *conwentzi* Haupt, Tierwelt Mitteleuropas 4 (3): 146. To *Liburnia denticauda* Boh. [error.]

**cornigera** Kusnezov

- 1929 *Liburnia cornigera* Kusnezov, Wien. Ent. Zeit. 46: 161; Figs. 7-8. Turkestan<sup>1</sup>  
 [n. sp., illustrated.]<sup>1</sup>

**correntosoensis** Muir

- 1929 *Delphacodes* (?) *correntosoensis* Muir, Ann. Mag. Nat. Hist. (10) 3: Argentina<sup>1</sup>  
 80; Figs. 12, 13. [n. sp., illustrated.]<sup>1</sup>

**crawfordi** Muir and Giffard

- 1924 *Delphacodes crawfordi* Muir and Giffard, Bull. Hawaiian Sugar Mexico<sup>1</sup>  
 Sugar Pl. Assoc. 15: 34; Pl. 3, Fig. 29; Pl. 5, Fig. 97. [n. sp., illustrated.]<sup>1</sup>

**culta** Van Duzee

- 1907 *Liburnia culta* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 8: 47. Jamaica<sup>1</sup>  
 [n. sp.]<sup>1</sup> Florida<sup>2</sup>  
 1914 *Liburnia culta* Barber, Bull. American Mus. Nat. Hist. 33: 529. Southern States<sup>3</sup>  
 [Listed.]<sup>2</sup> Cuba<sup>4</sup>  
 1914 *Megamelus cultus* Crawford, Mon. Delphacidae :628. [Listed.]<sup>1</sup> Bermuda<sup>5</sup>  
 Equals *Liburnia culta* Van Duz.  
 1916 *Liburnia culta* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>3</sup>  
 1917 *Liburnia culta* Van Duzee, Cat. Hemip. America :774. [Listed.]<sup>1,2</sup> Equals *Megamelus culta* Van Duz.  
 1921 *Liburnia culta* Osborn, Florida Ent. 5: 19. [Listed.]<sup>2</sup>  
 1923 *Liburnia culta* Metcalf, Jour. Elisha Mitchell Soc. 38: 148. [Listed.]  
 1924 *Delphacodes culta* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 38. [Notes.]<sup>1</sup>  
 Equals *Liburnia culta* Van Duz.  
 1926 *Liburnia culta* Gowdey, Bull. Dept. Agr. Jamaica Ent. 4: 41. [Listed.]<sup>1</sup>  
 1926 *Delphacodes cultus* (?) Osborn, Ann. Ent. Soc. America 19: 359. [Notes.]<sup>4</sup>  
 1926 *Delphacodes cultus* (?) Osborn, Sci. Contr. Trop. Pl. Res. Found. 2: 359. [Notes.]<sup>4</sup>  
 1928 *Liburnia culta* Ogilvie, Insects of Bermuda 1928: 20. [Listed.]<sup>5</sup>

**curvistyla** Dozier

- 1926 *Delphacodes curvistyla* Dozier, Jour. New York Eng. Soc. 34: Mississippi<sup>1</sup>  
 260; Fig. 2. [n. sp., illustrated.]<sup>1,2</sup> :261. [Comparative note.] Louisiana<sup>2</sup>

**dalei** Scott

- 1870 *Liburnia dalei* Scott, Ent. Monthly Mag. 7: 72. [n. sp.]<sup>1</sup> :28. [Key.] England<sup>1</sup>  
 1872 *Liburnia dalei* Fieber, Kat. Europäischer Cicad. :6. [Listed.]<sup>1</sup> British Isles<sup>2</sup>  
 1875 *Delphax dalei* Puton, Cat. Hémipt. d'Europe 2 Ed. :120. [Listed.]<sup>2</sup> France<sup>3</sup>  
 1876 *Liburnia dalei* Douglas and Scott, Cat. British Hemip. :69. [Listed.]<sup>2</sup>  
 1879 *Liburnia dalei* Fieber, Cicad. d'Europe Pt. 4: 111 (47). [Key.]<sup>1</sup>  
 1886 *Delphax dalei* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>2,3</sup>  
 1886 *Liburnia dalei* Edwards, Syn. British Homop.-Cicadina Pt. 1: 78. [Described.]<sup>4</sup> :60.  
 [Key.]  
 1890 *Liburnia dalei* Buckton, Mon. British Cicadae 2: 64. [Listed.]  
 1890 *Liburnia dalei* Buckton, Mon. British Cicadae 3: 65. [Notes.]<sup>1</sup>  
 1890 *Liburnia dalei* Dale, Ent. Monthly Mag. 26: 244. [Listed.]<sup>1</sup>  
 1890 *Liburnia dalei* Saunders and Edwards, Cat. British Hemiptera 1890: 12. [Listed.]<sup>2</sup>  
 1892 *Liburnia dalei* Saunders, Ent. Monthly Mag. 28: 290. [Listed.]<sup>1</sup>



*Delphacodes*

- 1894 *Liburnia dalei* Edwards, Hemip.-Homop. British Islands Pt. 2: 57. ]Described.]<sup>2</sup> :35. [Key.]  
 1899 *Delphax dalei* Puton, Cat. Hé mip. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>1,3</sup>  
 1907 *Delphax dalei* Oshanin, Verz. Paläarkt. Hemip. 2 (2): 324. [Listed.]<sup>2,3</sup> Equals *Liburnia dalei* Scott.  
 1908 *Delphax dalei* Saunders and Edwards, Cat. British Hemiptera 1908: 15. [Listed.]<sup>2</sup>  
 1912 *Delphax dalei* Oshanin, Kat. Paläarkt. Hemip. :119. [Listed.]<sup>1,3</sup>

*dalei* var. *brunnea* nom. nov. for *Liburnia dalei* var. *bohemani* Fieber 1879. [nec *Delphax bohemani* Stål 1858.]

- 1879 *Liburnia dalei bohemani* [sic] Fieber, Cicad. d'Europe Pt. 4: 111 [England]<sup>1</sup> (47). [n. var.]<sup>1</sup>

*darwini* Muir

- 1929 *Delphacodes darwini* Muir, Ann. Mag. Nat. Hist. (10) 3: 78; Figs. Chiloe Island<sup>1</sup> 7, 8. [n. sp., illustrated.]<sup>1</sup> (Chile)

*denticauda* Boheman

- 1847 *Delphax denticauda* Boheman, Handl. Svenska Vet. Akad. 1847: Sweden<sup>1</sup> 64. [n. sp.]<sup>1</sup> Estonia<sup>2</sup>  
 1850 *Delphax denticauda* Schaum, Allg. Encyclk. Ersch und Gruber Russia<sup>3</sup> 51: 69. [Listed.]<sup>1</sup> Finland<sup>4</sup>  
 1851 *Delphax denticauda* Walker, List Homop. British Mus. 2: 359. Switzerland<sup>5</sup> [Listed.]<sup>1</sup> France<sup>6</sup>  
 1854 *Delphax denticauda* Stål, Öfv. Svenska Vet. Akad. Förh. 11: 195. Germany<sup>7</sup> [Described.]<sup>1</sup> Norway<sup>8</sup>  
 1858 *Delphax denticauda* Stål, Öfv. Svenska Vet. Akad. Förh. 15: 356. Scandinavia<sup>9</sup> [Described.]<sup>1</sup> Lapland<sup>10</sup>  
 1859 *Delphax denticauda* Dohrn, Cat. Hemip. : 61. [Listed.]<sup>1</sup> England<sup>11</sup>  
 1861 *Delphax denticauda* Flor, Rhynch. Livlands 2: 59. [Described.]<sup>1,2</sup> Austria<sup>12</sup> :35. [Key.] :38. [Listed.] Czechoslovakia<sup>13</sup>  
 1866 *Delphax denticauda* Fieber, Verh. Zool. Bot. Ges. Wien 16: 520. Belgium<sup>14</sup> Pl. viii, Fig. 46. [Illustrated.] :532. [Listed.] British Isles<sup>15</sup>  
 1867 *Delphax denticauda* Dallas, Zool. Rec. 3: 560. [Listed.] Central Europe<sup>16</sup>  
 1870 *Achorotile denticauda* Oshanin, Mém. Soc. Amis Sci. Nat. Moscou Denmark<sup>17</sup> 6: 48. [Listed.]<sup>3</sup> North Europe<sup>18</sup>  
 1870 *Liburnia denticauda* Scott, Ent. Monthly Mag. 7: 28. [Key.] Scotland<sup>19</sup>  
 1871 *Liburnia denticauda* Sahlberg, Not. Fennica (n. s.) 9 (12): 456. Poland<sup>20</sup> [Described.]<sup>1,4</sup> Equals *Delphax denticauda* Boh. :424. [Key.] :58. [Listed.]<sup>1,4</sup> :34, 37. [Ecology.]  
 1871 *Achorotile denticauda* Oshanin, Bull. Imp. Soc. Nat. Hist. Imp. Univ. Moscou 6 (3): 31. [Listed.]<sup>3</sup>  
 1872 *Liburnia denticauda* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>1,2,5</sup>  
 1874 *Liburnia denticauda* Lethierry, Cat. Hé mip. Dept. du Nord Second. Ed. :258 (54). [Listed.]<sup>6</sup>  
 1874 *Delphax denticauda* Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 84. [Listed.]<sup>7</sup>  
 1874 *Liburnia denticauda* Siebke, Enumeratio Insectorum Norvegicorum 1: 40. [Listed.]<sup>8</sup>  
 1875 *Delphax denticauda* Puton, Cat. Hé mip. d'Europe 2 Ed. :121. [Listed.]<sup>3,6,9,15</sup>  
 1876 *Liburnia denticauda* Douglas and Scott, Cat. British Hemip. :69. [Listed.]<sup>15</sup> Equals *Delphax denticauda* Boh.  
 1879 *Liburnia denticauda* Fieber, Cicad. d'Europe Pt. 4: 113 (49). [Key.]<sup>1,2,7</sup> Equals *Delphax denticauda* Boh. :137 (73). [Key.]  
 1880 *Delphax denticauda* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 56. [Listed.]<sup>6</sup>  
 1882 *Liburnia denticauda* Norman, Ent. Monthly Mag. 18: 276. [Listed.]<sup>19</sup>

- 1884 *Delphax denticauda* Mayr, Tabellen :21. [Listed.]<sup>6,7</sup>  
 1886 *Delphax denticauda* Then, Kat. Österreichischen Cicad. 1886: 15. [Listed.]<sup>2</sup>  
 1886 *Delphax denticauda* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>3,6,7,9,12,15</sup>  
 1886 *Liburnia denticauda* Edwards, Syn. British Homop.-Cicadina Pt. 1: 81. [Described.]<sup>15</sup>  
 Equals *Delphax denticauda* Boh. :60. [Key.]  
 1888 *Delphax denticauda* Dubois, Mém. Soc. Linn. Nord France 7: 156 (60). [Listed.]<sup>6</sup>  
 1889 *Liburnia denticauda* Edwards, Trans. Nat. Soc. Norwich 4: 706. [Listed.]<sup>11</sup>  
 1890 *Liburnia denticauda* Saunders and Edwards, Cat. British Hemiptera 1890: 12. [Listed.]<sup>15</sup>  
 1890 *Liburnia denticauda* Buckton, Mon. British Cicadae 2: 51; Pl. xv, Figs. 1, 2, 15. [Described, illustrated.]<sup>2,5,7,15</sup> Equals *Delphax denticauda* Boh.  
 1890 *Liburnia denticauda* Buckton, Mon. British Cicadae 3: 66. [Synopsis.]  
 1892 *Delphax denticauda* Duda, Cat. Ins. Faunae Bohemicae :29. [Listed.]<sup>13</sup>  
 1892 *Delphax denticauda* [sic] Edwards, Rev. Hémipt. Belgique :22. [Listed.]<sup>14</sup>  
 1892 *Delphax denticauda* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>14</sup>  
 1893 *Liburnia denticauda* M'Gregor, Ent. Monthly Mag. 29: 93. [Listed.]<sup>9</sup>  
 1893 *Liburnia denticauda* M'Gregor, Ann. Scottish Nat. Hist. 1893: 220. [Listed.]<sup>19</sup>  
 1894 *Liburnia denticauda* Edwards, Hemip.-Homop. British Islands Pt. 2: 62; Pl. 7, Fig. 3. [Described, illustrated.]<sup>15</sup>  
 1894 *Liburnia denticauda* Edwards, Hemip.-Homop. British Islands Pt. 2: 36. [Key.]  
 1894 *Liburnia denticauda* Edwards, Trans. Nat. Soc. Norwich 5: 652. [Listed.]<sup>11</sup>  
 1898 *Liburnia denticauda* Bloomfield, Natural History of Hastings. Third Suppl. 1898: 20. [Listed.]<sup>11</sup>  
 1899 *Delphax denticauda* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>3,4,6,7,9,12,15</sup>  
 1904 *Delphax denticauda* Hüeber, Syst. Verz. deutschen Zikadinen :270. [Listed.]<sup>7</sup>  
 1907 *Delphax denticauda* Oshanin, Verz. Palaeark. Hemip. 2 (2): 325. [Listed.]<sup>1,2,3,4,5,6,7,10,12,15</sup>  
 Equals *Liburnia denticauda* Boh.  
 1907 *Delphax denticauda* Oshanin, Cat. Homop. St. Pétersbourg 1907: 247 (35), [Listed.]<sup>3</sup>  
 1907 *Liburnia denticauda* Butler, Hemip. Hastings :56. [Listed.]<sup>11</sup>  
 1908 *Delphax denticauda* Saunders and Edwards, Cat. British Hemiptera 1908: 15. [Listed.]<sup>15</sup>  
 1912 *Delphax denticauda* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>15</sup>  
 1912 *Liburnia denticauda* Schmidt, Stett. Ent. Zeit. 73: 150. [Notes.]<sup>7</sup>  
 1915 *Liburnia denticauda* Jensen-Haarup, Flora och Fauna 1915: 139. [Key.]  
 1915 *Liburnia denticauda* Jacobsen, Ent. Medd. 10: 320. [Listed.]<sup>17</sup>  
 1916 *Liburnia denticauda* Jensen-Haarup, Flora och Fauna 1916: 34. [Described.]<sup>17</sup>  
 1920 *Liburnia denticauda* Jensen-Haarup, Danmarks Fauna :57. [Described.]<sup>16,17,18</sup> :49. [Key.]  
 1924 *Liburnia denticauda* Lindberg, Acta Soc. Fauna Flora Fennica 56: 46. [Listed.]<sup>4</sup>  
 1924 *Delphacodes denticauda* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 24. [Listed.]  
 1925 *Delphax denticauda* Sherborn, Index Animalium 8: 1848. [Listed.]  
 1929 *Liburnia denticauda* Kusnezov, Wien. Ent. Zeit. 46: 165. [Comparative note.]  
 1935 *Liburnia denticauda* Haupt, Tierwelt Mitteleuropas 4 (3): 146; Fig. 270. [Key, illustrated.] Equals [*Liburnia*] *conventzi* Mats. [error.]  
 1935 *Liburnia denticauda* Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 9. [Listed.]<sup>7</sup>  
 1936 *Liburnia denticauda* Ossiannilsson, Opuscula Entomologica. Lund 1: 50. Equals *Liburnia oxyura* Haupt. [error.]  
 1937 *Liburnia denticauda* Kuntze, Arch. Nat. (n. f.) 6: 338, 350, 356. [Ecology.]<sup>7</sup>  
 1938 *Liburnia denticauda* Nast, Fragm. Faun. Mus. Zool. Polonici 3: 233 (9). [Listed.]<sup>20</sup>

*denticauda* var. *palliditestacea* nom. nov. for *Liburnia denticauda* var. *b* Sahlberg

*Delphacodes*

- 1871 *Liburnia denticauda* var. *b* Sahlberg, Not. Fennica (n. s.) 9 (12): Finland<sup>1</sup>  
457. [n. var.]<sup>1</sup>

*denticauda* Melichar [nec Boheman]. See *Delphacodes oxyura* Haupt.

**detecta** Van Duzee

- 1897 *Liburnia detecta* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 248. New York<sup>1</sup>  
[n. sp.]<sup>1</sup> Porto Rico<sup>2</sup>
- 1900 *Liburnia detecta* Smith, Ins. New Jersey 1900: 89. [Listed.]<sup>1</sup> Florida<sup>3</sup>
- 1904 *Liburnia detecta* Swezey, Prelim. Cat. Fulgoridae North America  
1904: 39. [Listed.]<sup>1</sup> Bermuda<sup>4</sup>  
Massachusetts<sup>5</sup>
- 1909 *Liburnia circumcincta* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 9:  
203. [n. sp.]<sup>3</sup> Eastern States<sup>6</sup>  
Southern States<sup>7</sup>
- 1909 *Liburnia circumcincta* Van Duzee, Canadian Ent. 41: 128. New Jersey<sup>8</sup>  
[Listed.]<sup>3,4</sup> Georgia<sup>9</sup>  
North Carolina<sup>10</sup>
- 1910 *Liburnia detecta* Smith, Rept. Ins. New Jersey 1910: 97. [Listed.]<sup>1</sup>
- 1912 *Liburnia detecta* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 10: 506.  
[Comparative note.] Equals *Liburnia circumcincta* Van Duz.
- 1914 *Liburnia detecta* Barber, Bull. American Mus. Nat. Hist. 33: 529. [Listed.]<sup>3</sup>
- 1914 *Megamelus circumcinctus* Crawford, Mon. Delphacidae :629. [Listed.]<sup>3</sup> Equals  
*Liburnia circumcincta* Van Duz. :607. [Key.]
- 1914 *Liburnia detecta* Crawford, Mon. Delphacidae :615. To *Megamelus pellucidus* Fabr.  
[error.]
- 1914 *Megamelus vanduzeei* Crawford, Mon. Delphacidae :622; Pl. 48, Fig. H. [n. sp., illus-  
trated.]<sup>5</sup> :607. [Key.]
- 1916 *Liburnia detecta* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>6</sup>
- 1916 *Liburnia circumcincta* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>7</sup>
- 1916 *Liburnia vanduzeei* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>6</sup>
- 1917 *Liburnia vanduzeei* Van Duzee, Cat. Hemip. America :778. [Listed.]<sup>5</sup> Equals  
*Megamelus vanduzeei* Crawford.
- 1917 *Liburnia detecta* Van Duzee, Cat. Hemip. America :777. [Listed.]<sup>1,3,4,5,8,9</sup> Equals  
*Liburnia circumcincta* Van Duz.
- 1917 [*Liburnia*] *detecta* Van Duzee, Proc. California Acad. Sci. 7: 314. [Comparative note.]
- 1920 *Liburnia detecta* Metcalf and Osborn, Ann. Ent. Soc. America 13: 115; Pl. 12, Fig.  
4. [Ecology, illustrated.]<sup>10</sup> Equals *Liburnia circumcincta* Van Duz. :108, 110, 114.  
[Listed.]
- 1921 *Liburnia detecta* Osborn, Florida Ent. 5: 19. [Listed.]<sup>3</sup>
- 1923 *Liburnia vanduzeei* Van Duzee, Fulgoridae Hemip. Connecticut :55. [Notes.]<sup>5</sup> :53.  
[Key.]
- 1923 *Liburnia detecta* Van Duzee, Fulgoridae Hemip. Connecticut :54. [Notes.]<sup>1,3</sup> :52.  
[Key.]
- 1923 *Liburnia detecta* Metcalf, Jour. Elisha Mitchell Soc. 38: 173; Pl. 47, Fig. 121; Pl. 70,  
Fig. 708. [Key, illustrated.] :207. [Comparative note.]
- 1923 *Liburnia vanduzeei* Metcalf, Jour. Elisha Mitchell Soc. 38: 173; Pl. 70, Fig. 713.  
[Key, illustrated.]
- 1924 *Delphacodes detecta* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 26; Pl. 3,  
Fig. 39; Pl. 5, Fig. 102. [Described, illustrated.]<sup>1,3,5</sup> Equals *Liburnia detecta* Van Duz.  
Equals *Liburnia circumcincta* Van Duz. Equals *Megamelus vanduzeei* Crawford.
- 1928 *Delphacodes detecta* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 182. [Listed.]<sup>1</sup>
- 1928 *Liburnia detecta* Ogilvie, Insects of Bermuda 1928: 20. [Listed.]<sup>4</sup>
- 1935 *Delphacodes detecta* Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 253. [De-  
scribed.]<sup>2</sup> Equals *Liburnia detecta* Van Duz. Equals *Liburnia circumcincta* Van Duz.  
Equals *Megamelus vanduzeei* [sic] Crawford.
- 1936 *Delphacodes detecta* Wolcott, Jour. Agr. Univ. Puerto Rico 20: 109. [Listed.]<sup>2</sup>
- 1938 *Delphacodes detecta* Brimley, Insects of North Carolina 1938: 103. [Listed.]<sup>10</sup>
- 1938 *Delphacodes detecta* Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. 82: 302. [Com-  
parative note.]

- 1938 *Delphacodes vanduzeei* Osborn, Bull. Ohio Biol. Surv. 6: 338. [Key.]  
 1938 *Delphacodes detecta* Osborn, Bull. Ohio Biol. Surv. 6: 337. [Key.]

**difficilis** Edwards

- 1888 *Liburnia difficilis* Edwards, Ent. Monthly Mag. 24: 197; Fig. b. England<sup>1</sup>  
 [n. sp., illustrated.]<sup>1</sup> Finland<sup>2</sup>
- 1889 *Liburnia difficilis* Edwards, Trans. Nat. Soc. Norwich 4: 706. British Isles<sup>3</sup>  
 [Listed.]<sup>1</sup> Germany<sup>4</sup>
- 1890 *Liburnia difficilis* Saunders and Edwards, Cat. British Hemiptera Austria<sup>5</sup>  
 1890: 12. [Listed.]<sup>3</sup> Denmark<sup>6</sup>
- 1890 *Liburnia pellucida difficilis* Buckton, Mon. British Cicadae 2: 49; Netherlands<sup>7</sup>  
 Pl. xv, Fig. 5. Wales<sup>8</sup>
- 1893 *Liburnia difficilis* M'Gregor, Ann. Scottish Nat. Hist. 1893: 220. Russia<sup>9</sup>  
 [Listed.]<sup>10</sup> Scotland<sup>10</sup>
- 1893 *Liburnia difficilis* M'Gregor, Ent. Monthly Mag. 29: 93. Poland<sup>11</sup>  
 [Listed.]<sup>10</sup> Sweden<sup>12</sup>
- 1894 *Liburnia difficilis* Edwards, Hemip.-Homop. British Islands Pt. 2: France<sup>13</sup>  
 59; Pl. 6, Figs. 9, 9a. [Described, comparative note, illustrated.]<sup>3</sup> Ireland<sup>14</sup>  
 :36. [Key.]
- 1896 *Liburnia difficilis* Melichar, Cicad. Mittel-Europa :75. [Described.]<sup>4</sup> :71. [Key.]
- 1899 *Delphax pellucida difficilis* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :107.  
 [Listed.]<sup>3</sup>
- 1900 *Liburnia difficilis* Strobl, Mitt. Natur. Ver. Steiermark 36: 205. [Listed.]<sup>5</sup>
- 1904 *Delphax pellucida difficilis* Hübner, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>4</sup>
- 1907 *Delphax difficilis* Oshanin, Verz. Palaeark. Hemip. 2 (2): 313. [Listed.]<sup>3,5</sup> Equals  
*Liburnia difficilis* Edw. Equals *Delphax pellucida difficilis* Put.
- 1908 *Delphax difficilis* Saunders and Edwards, Cat. British Hemiptera 1908: 15. [Listed.]<sup>3</sup>
- 1912 *Delphax difficilis* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>1,5</sup>
- 1914 *Delphax difficilis* Haupt, Ent. Jahrb. 23: 162 (4). [Ecology.]
- 1915 *Liburnia difficilis* Jensen-Haarup, Flora och Fauna 1915: 143. [Comparative note.]<sup>6</sup>
- 1916 *Delphax difficilis* [sic] Haupt, Zeits. Wiss. Insektenbiol. 12: 202; Fig. 3. [Parasite,  
 illustrated.]
- 1922 *Liburnia difficilis* MacGillavry, Ent. Berichten 6: 68. [Listed.]<sup>7</sup>
- 1925 *Delphax difficilis* Haupt, Mitt. Münchner Ent. Ges. 15: 18. [Notes.]<sup>4</sup>
- 1925 *Delphax difficilis* Brown, Ent. Monthly Mag. 61: 63. [Listed.]<sup>8</sup>
- 1927 *Delphax difficilis* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 143.  
 [Listed.]<sup>13</sup>
- 1928 *Delphax difficilis* Ivanov, Mém. Acad. Sci. Ukraine 6: 197. [Listed.]<sup>9</sup>
- 1928 *Delphax difficilis* Ivanov, Trav. Mus. Zool. 1928: 501. [Listed.]<sup>9</sup>
- 1929 *Liburnia difficilis* China, Ent. Monthly Mag. 65: 250. [Listed.]<sup>3</sup>
- 1930 *Delphax difficilis* Britten, Check List Fauna Lancashire and Cheshire 1: 74. [Listed.]<sup>1</sup>
- 1932 *Liburnia difficilis* Kusnetzov, Bull. Plant Prot. I Ser.: Ent. 5: 43. [Listed.]
- 1934 *Liburnia difficilis* Thornley, Trans. Soc. British Ent. 1: 82. [Listed.]<sup>1</sup>
- 1935 *Delphax difficilis* Halbert, Proc. R. Irish Acad. 42 (Sect. B): 310. [Listed.]<sup>14</sup>
- 1935 [*Liburnia*] *difficilis* Haupt, Tierwelt Mitteleuropas 4 (3): 143. To *Liburnia obscurella*  
 Boh. [error.]
- 1935 *Liburnia difficilis* Ossiannilsson, Ent. Tidskr. 56: 134; Fig. 18. [Notes, illustrated.]<sup>12</sup>
- 1935 *Delphax difficilis* Rapp, Beiträge zur Fauna Thüringens 1: 50. [Listed.]<sup>4</sup>
- 1935 *Liburnia difficilis* Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 7. [Listed.]<sup>4</sup>
- 1935 *Liburnia difficilis* Wagner, Ent. Medd. 19: 163. [Notes.]
- 1937 *Liburnia difficilis* Kuntze, Arch. Nat. [n. f.] 6: 333, 341, 356. [Ecology.]<sup>4</sup> Equals  
*Liburnia dubia* Radd. [nec Kirschb.] Equals *Liburnia adela* Radd. [nec Flor].
- 1937 *Liburnia difficilis* Kontkanen, Ann. Ent. Fennici 3: 149. [Listed.]<sup>2</sup>
- 1938 *Delphacodes difficilis* China, Ent. Monthly Mag. 74: 197. To *Delphacodes obscurella*  
 Boh. [error.]
- 1938 *Liburnia difficilis* [sic] Nast, Fragm. Faun. Mus. Zool. Polonici 3: 233 (9). [Listed.]<sup>11</sup>



*Delphacodes*

- 1939 *Liburnia difficilis* Lindberg, Acta Zool. Fennica **22**: 156. [Effects of parasitism.]  
 1939 *Delphacodes difficilis* Hassan, Trans. Ent. Soc. London **89**: 354. [Key.] :347, 348, 353, 359, 360; figs. 13A–B. [Life history, illustrated.]<sup>1</sup> :346, 382. [Listed.]<sup>1</sup> :377. [Listed.]

*dilpa* Kirkaldy

- 1907 *Delphax dilpa* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 162; New South Pl. 10, Figs. 18, 19; Pl. 16, Figs. 6, 7. [n. sp., illustrated.] :151. Wales<sup>1</sup>  
 [Key.] :13. [Listed.]  
 1917 *Delphacodes dilpa* Muir, Proc. Hawaiian Ent. Soc. **3**: 333. [Listed.] Equals *Delphax dilpa* Kirk. :334. [Comparative note.]

*dimidiatifrons* Kusnezov

- 1929 *Liburnia dimidiatifrons* Kusnezov, Wien. Ent. Zeit. **46**: 160; Figs. 5–6. [n. sp., illustrated.]<sup>1</sup> Turkestan<sup>1</sup>

*discolor* Boheman

- 1847 *Delphax discolor* Boheman, Handl. Svenska Vet. Akad. **1847**: 61. Sweden<sup>1</sup>  
 [n. sp.]<sup>1</sup> Estonia<sup>2</sup>  
 1850 *Delphax discolor* Dahlbom, Handl. Svenska Vet. Akad. **1850**: 199. Germany<sup>3</sup>  
 [Listed.]<sup>1</sup> Switzerland<sup>4</sup>  
 1850 *Delphax discolor* Boheman, Handl. Svenska Vet. Akad. **1849**: 258. Netherlands<sup>5</sup>  
 [Listed.]<sup>1</sup> Ireland<sup>6</sup>  
 1850 *Delphax discolor* Schaum, Allg. Encykl. Ersch und Gruber **51**: 69. England<sup>7</sup>  
 [Listed.]<sup>1</sup> Finland<sup>8</sup>  
 1851 *Delphax discolor* Walker, List Homop. British Mus. **2**: 359. Norway<sup>9</sup>  
 [Listed.]<sup>1</sup> Europe<sup>10</sup>  
 1854 *Delphax discolor* Stål, Öfv. Svenska Vet. Akad. Förh. **11**: 195. France<sup>11</sup>  
 [Described.]<sup>1</sup> Belgium<sup>12</sup>  
 1859 *Delphax discolor* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup> Italy<sup>13</sup>  
 1861 *Delphax discolor* Flor, Rhynch. Livlands **2**: 63. [Described.]<sup>1,2,3,4</sup> Austria<sup>14</sup>  
 :38, 40. [Key.] Czechoslovakia<sup>15</sup>  
 1863 *Delphax discolor* Snellen van Vollenhoven, Tijdschr. Ent. **6**: 12. British Isles<sup>16</sup>  
 [Notes.]<sup>5</sup> Hungary<sup>17</sup>  
 1865 *Delphax discolor* Marshall, Ent. Monthly Mag. **1**: 199. [Key.] Algeria<sup>18</sup>  
 :275. [Described.]<sup>16</sup> :273. [Comparative note.] Russia<sup>19</sup>  
 1865 *Delphax discolor* Marshall, Ent. Monthly Mag. **1**: 273. [Comparative note.] Batavia<sup>20</sup>  
 Denmark<sup>21</sup>  
 1866 *Delphax discolor* Bold, Ent. Monthly Mag. **2**: 207. [Notes.]<sup>7</sup> Turkestan<sup>22</sup>  
 1868 *Delphax discolor* Sahlberg, Not. Fennica [n. s.] **9** (9): 217. [Notes.]<sup>2,8</sup> Scotland<sup>23</sup>  
 1868 *Delphax patens* Kirschbaum, Cicad. Wiesbaden :36. [n. sp.]<sup>3</sup> Lapland<sup>24</sup>  
 1868 *Delphax discolor* Kirschbaum, Cicad. Wiesbaden :27. [Comparative note.]  
 1868 *Delphax discolor* Sahlberg, Not. Fennica [n. s.] **9** (9): 188. [Listed.]<sup>8</sup>  
 1870 *Liburnia discolor* Scott, Ent. Monthly Mag. **7**: 75. [Listed.]<sup>18</sup> :27, Fig. 3. [Key, illustrated.] :26, 28. [Comparative note.]  
 1871 *Liburnia discolor* Sahlberg, Not. Fennica [n. s.] **9** (12): 441. [Described.]<sup>1,8,9</sup> Equals *Delphax pellucida* Stål. [error.] Equals *Delphax discolor* Boh. :424. [Key.] :56. [Listed.]<sup>1,8,9</sup> :38. [Ecology.]  
 1872 *Liburnia discolor* Fieber, Kat. Europäischen Cicad. :5. [Listed.]<sup>10</sup> Equals *Liburnia patens* Kirschb.  
 1872 *Liburnia discolor* Fieber, Verh. Zool. Bot. Ges. Wien **22**: 29. Equals *Delphax patens* Kirschb.  
 1874 *Liburnia discolor* Lethierry, Cat. Hémipt. Dept. du Nord Second Ed. :258 (54) [Listed.]<sup>11</sup>

- 1874 *Delphax discolor* Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 83. [Listed.]<sup>3</sup>
- 1874 *Liburnia discolor* Siebke, Enumeratio Insectorum Norvegicorum 1: 40. [Listed.]<sup>9</sup>
- 1875 *Delphax discolor* Puton, Cat. Hémipt. d'Europe 2 Ed. :119. [Listed.]<sup>10</sup> Equals *Delphax patens* Kirschb.
- 1876 *Liburnia discolor* Douglas and Scott, Cat. British Hemip. :68. [Listed.]<sup>10</sup> Equals *Delphax patens* Kirschb. Equals *Delphax discolor* Boh.
- 1878 *Delphax discolor* Dale, History of Glanville's Wootton :305. [Listed.]<sup>7</sup>
- 1878 *Delphax discolor* Lethierry, Ann. Soc. Ent. Belgique 21: xxxvii. [Listed.]<sup>12</sup>
- 1879 *Liburnia discolor* Fieber, Cicad. d'Europe Pt. 4: 67 (3). [Key.]<sup>1,2,4,11</sup> Equals *Delphax discolor* Boh. Equals *Delphax patens* Kirschb. :132 (68). [Key.]
- 1880 *Liburnia discolor* [sic] Reuter, Medd. Soc. Fauna Fl. Fennica 5: 199. [Comparative note.]
- 1880 *Delphax discolor* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 55. [Listed.]<sup>11</sup>
- 1880 *Liburnia discolor* Reuter, Medd. Soc. Fauna Fl. Fennica 5: 198. [Listed.]<sup>8</sup>
- 1880 *Liburnia discolor* Norman, Ent. Monthly Mag. 16: 213. [Listed.]<sup>23</sup>
- 1881 *Liburnia discolor* Sahlberg, Forh. Vid. Selsk. Christiania 1880 (9): 13. [Listed.]<sup>9</sup>
- 1881 *Liburnia discolor* Norman, Ent. Monthly Mag. 18: 18. [Listed.]<sup>23</sup>
- 1882 *Liburnia discolor* Cooke, Yorkshire Nat. [n. s.] 8: 71. [Listed.]<sup>7</sup>
- 1882 *Delphax discolor* Ferrari, Cicad. Agr. Ligustici :91 (19). [Listed.]<sup>13</sup> Equals *Liburnia discolor* Boh.
- 1882 *Liburnia discolor* Norman, Ent. Monthly Mag. 18: 276. [Listed.]<sup>23</sup>
- 1881 *Liburnia discolor* Mayr, Ber. Natur.-Med. Ver. Innsbruck 10: 86 (10). [Listed.]<sup>14</sup>
- 1883 *Liburnia discolor* Bloomfield, Natural History of Hastings. First Suppl. 1883: 33. [Listed.]<sup>7</sup>
- 1884 *Liburnia discolor* Edwards, Trans. Nat. Soc. Norwich 3: 713. [Listed.]<sup>7</sup>
- 1884 *Delphax discolor* Mayr, Tabellen :20. [Listed.]<sup>3,4,11,14</sup>
- 1886 *Delphax discolor* Then, Kat. Österreichischen Cicad. 1886: 14. [Listed.]<sup>10,14</sup>
- 1886 *Delphax discolor* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>10</sup> Equals *Delphax patens* Kirschb.
- 1886 *Liburnia discolor* Edwards, Syn. British Homop.-Cicadina Pt. 1: 79. [Described.]<sup>16</sup> Equals *Delphax discolor* Boh. Equals *Delphax patens* Kirschb. :60. [Key.]
- 1888 *Delphax discolor* Dubois, Mém. Soc. Linn. Nord France 7: 155 (59). [Listed.]<sup>11</sup>
- 1889 *Liburnia discolor* Edwards, Trans. Nat. Soc. Norwich 4: 710. [Listed.]<sup>7</sup>
- 1890 *Delphax discolor* Dominique, Ann. Soc. Acad. Loire-Inférieure 1890: 110 (26). [Listed.]<sup>11</sup>
- 1890 *Liburnia discolor* Saunders and Edwards, Cat. British Hemiptera 1890: 12. [Listed.]<sup>16</sup>
- 1890 *Delphax discolor* Funk, Ber. Nat. Ges. Bamberg 15: 140. [Listed.]<sup>3</sup>
- 1890 *Liburnia discolor* Buckton, Mon. British Cicadae 2: 50; Pl. xiv, Figs. 8-12. [Described, illustrated.]<sup>16</sup> Equals *Delphax discolor* Boh. Equals *Delphax patens* Kirschb. :46. [Comparative note.]
- 1890 *Liburnia discolor* Buckton, Mon. British Cicadae 3: 65, 66. [Synopsis.]
- 1891 *Delphax discolor* Fokker, Cat. Nederland Hemip. :366. [Listed.]<sup>6</sup>
- 1891 *Delphax discolor* Fokker, Compte Rendu Soc. Ent. Belgique 35: cccxli. [Listed.]<sup>12</sup>
- 1892 *Delphax discolor* Ferrari, Ann. Mus. Genova (2) 12: 569 (21). [Listed.]<sup>13</sup>
- 1892 *Delphax discolor* Dominique, Bull. Soc. Sci. Nat. Ouest France 2: 116. [Listed.]<sup>11</sup>
- 1892 *Delphax discolor* Lethierry, Rev. Hémipt. Belgique :22. [Listed.]<sup>12</sup>
- 1892 *Liburnia discolor* Saunders, Ent. Monthly Mag. 28: 218. [Listed.]<sup>7</sup>
- 1892 *Delphax discolor* Carpentier and Dubois, Mém. Soc. Linn. Nord France 8: 432. [Listed.]<sup>11</sup>
- 1892 *Delphax discolor* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>12</sup>
- 1892 *Delphax discolor* Spitzner, Verh. Naturf. Ver. Brünn 30: 26. [Listed.]<sup>15</sup>
- 1892 *Delphax discolor* Duda, Cat. Ins. Faunae Bohemicae :28. [Listed.]<sup>16</sup> Equals *Delphax patens* Kirschb.
- 1894 *Liburnia discolor* Edwards, Hemip.-Homop. British Islands Pt. 2: 60; Pl. 7, Fig. 1. [Described, illustrated.]<sup>16</sup> :36. [Key.]
- 1895 *Delphax discolor* Wüstnei, Schr. Nat. Ver. Schleswig-Holsteins. 10: 269. [Listed.]<sup>3</sup>

*Delphacodes*

- 1896 *Liburnia discolor* Melichar, Cicad. Mittel-Europa :74; Pl. V, Fig. 45. [Described, illustrated.]<sup>3,10</sup> Equals *Delphax patens* Kirschb. :71. [Key.]
- 1897 *Delphax discolor* Horváth, Fauna Regni Hungariae :56. [Listed.]<sup>17</sup>
- 1899 *Deophax discolor* Marchal, Bull. Soc. Hist. Nat. Autun 11: 589. [Listed.]<sup>11</sup>
- 1899 *Delphax discolor* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :107. [Listed.]<sup>10</sup> Equals *Delphax patens* Kirschb.
- 1900 *Liburnia discolor* Lameere, Manuel Faune Belgique 2: 142. [Key, listed.]<sup>2</sup>
- 1900 *Liburnia discolor* Fokker, Tijdschr. Ent. 42: 25. [Listed.]<sup>18</sup>
- 1900 *Liburnia discolor* Strobl, Mitt. Natur. Ver. Steiermark 36: 205. [Listed.]<sup>14</sup>
- 1901 *Delphax discolor* Lambertie, Act. Soc. Linn. Bordeaux 56: 217 (89). [Listed.]<sup>11</sup>
- 1901 *Liburnia discolor* Schouteden, Ann. Soc. Ent. Belgique 45: 269. [Listed.]<sup>12</sup>
- 1902 *Liburnia discolor* Cobelli, Cicadine Trentino :9. [Listed.]<sup>13</sup>
- 1902 *Delphax discolor* Strand, Ent. Tidskr. 23: 269. [Listed.]<sup>9</sup>
- 1902 *Delphax discolor* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) 2: 222. [Listed.]<sup>11</sup>
- 1902 *Delphax discolor* Lambertie, Proc. Verb. Soc. Linn. Bordeaux 57: clxxiii. [Listed.]<sup>11</sup>
- 1903 *Delphax discolor* Lambertie, Proc. Verb. Soc. Linn. Bordeaux 58: lxxv. [Listed.]<sup>11</sup>
- 1903 *Delphax discolor* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 62 (22). [Listed.]<sup>13</sup>
- 1904 *Delphax discolor* Hübner, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>3</sup> Equals *Delphax patens* Kirschb.
- 1906 *Delphax discolor* Strand, Arch. Math. Nat. 27 (3): 9. [Listed.]<sup>9</sup>
- 1907 *Delphax discolor* Oshanin, Verz. Palaeark. Hemip. 2 (2): 312. [Listed.]<sup>1,2,3,8,11,13,14,16,17,19,24</sup> Equals *Delphax patens* Kirschb. Equals *Liburnia discolor* Sahlb.
- 1907 *Liburnia discolor* Butler, Hemip. Hastings :56. [Listed.]<sup>7</sup>
- 1907 *Liburnia discolor* Bierman, Ent. Berichten 2: 113. [Listed.]
- 1908 *Delphax discolor* Saunders and Edwards, Cat. British Hemiptera 1908: 15. [Listed.]<sup>16</sup>
- 1908 *Delphax discolor* Whittaker, Hemip-Homop. Lancashire and Cheshire :22. [Listed.]<sup>7</sup>
- 1908 *Delphax discolor* Lambertie, Act. Soc. Linn. Bordeaux 62: ci (1), civ (4). [Listed.]<sup>11</sup>
- 1908 *Delphax discolor* Oshanin, Verz. Palaeark. Hemip. 2 (3): 452. [Listed.]<sup>12,20</sup>
- 1909 *Delphax discolor* Lambertie, Proc. Verb. Soc. Linn. Bordeaux 63: clix. [Listed.]<sup>11</sup>
- 1910 *Delphax discolor* Matsumura, Jour. Coll. Sci. Tokyo 27: 33. [Comparative note.]
- 1910 *Delphax discolor* Lambertie, Misc. Ent. 18: 92. [Listed.]<sup>11</sup> Equals *Delphax patens* Kirschb.
- 1912 *Delphax discolor* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>10</sup> Equals *Delphax patens* Kirschb.
- 1913 *Liburnia discolor* Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]<sup>14</sup>
- 1915 *Liburnia discolor* Jensen-Haarup, Flora och Fauna 1915: 143. [Described.]<sup>21</sup> :141. [Key.]
- 1915 *Liburnia discolor* Jacobsen, Ent. Medd. 10: 319. [Listed.]<sup>21</sup>
- 1916 *Liburnia discolor* Jensen-Haarup, Flora och Fauna 1916: 33. [Comparative note.]
- 1920 *Liburnia discolor* Jensen-Haarup, Danmarks Fauna :49; Fig. 24 II. [Described, illustrated.]<sup>10,21</sup> :47. [Key.]
- 1924 *Liburnia discolor* Lindberg, Acta Soc. Fauna Flora Fennica 56: 46. [Listed.]<sup>3</sup>
- 1925 *Delphax discolor* Sherborn, Index Animalium 8: 1955. [Listed.]
- 1925 *Delphax discolor* Della Befa, Boll. Soc. Ent. Italiana 57: 147. [Listed.]<sup>13</sup>
- 1925 *Delphax discolor* Haupt, Mitt. Münchner Ent. Ges. 15: 18. [Listed.]<sup>3</sup>
- 1926 *Delphax discolor* Blöte, De Levende Natuur. 4: 113. [Listed.]<sup>5</sup>
- 1926 *Delphax discolor* Rémy-Perrier, Homop. Faune France 4: 94. [Key.]<sup>11</sup>
- 1927 *Delphax discolor* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 143. [Listed.]<sup>11</sup>
- 1929 *Delphax discolor* Brown, Ent. Monthly Mag. 65: 42. [Listed.]<sup>7</sup>
- 1929 *Liburnia discolor* Kusnezov, Wien. Ent. Zeit. 46: 158. [Listed.]<sup>22</sup>
- 1930 *Delphax discolor* Britten, Check List Fauna Lancashire and Cheshire 1: 74. [Listed.]<sup>7</sup>
- 1931 *Delphax discolor* Jensen-Haarup and Lindberg, Skrift. Nat. K. Svenska Vet. 18: 42. [Listed.]<sup>1</sup>
- 1931 *Liburnia discolor* Rabeler, Zeits. Morph. Ökol. Tiere 21: 228. [Listed.]<sup>3</sup>
- 1934 *Delphax discolor* Ossiannilsson, Ent. Tidskr. 55: 138. [Listed.]<sup>1</sup>
- 1934 *Liburnia discolor* Thornley, Trans. Soc. British Ent. 1: 82. [Listed.]<sup>7</sup>

- 1935 *Delphax discolor* Halbert, Proc. R. Irish Acad. **42** (Sect. B): 310. [Listed.]<sup>6</sup>  
 1935 *Liburnia discolor* Haupt, Tierwelt Mitteleuropas **4** (3): 140; Fig. 238. [Key, illustrated.]  
 1935 *Liburnia discolor* Karl, Dohrniana **14**: 140. [Listed.]<sup>3</sup>  
 1935 *Delphax discolor* Rapp, Beiträge zur Fauna Thüringens **1**: 50. [Listed.]<sup>3</sup>  
 1935 *Liburnia discolor* Wagner, Verh. Ver. Naturw. Heimatforschung, **24**: 7. [Listed.]<sup>3</sup>  
 1937 *Liburnia discolor* Kuntze, Arch. Nat. [n. f.] **6**: 355. [Ecology.]<sup>3</sup>  
 1939 *Liburnia discolor* Lindberg, Acta Zool. Fennica **22**: 84. [Parasites.] :156-158, 161; Figs. 56a-d. [Effects of parasitism, illustrated.]

**discreta** Edwards

- 1888 *Liburnia discreta* Edwards, Ent. Monthly Mag. **24**: 197; Fig. a. England<sup>1</sup>  
 [n. sp., illustrated.]<sup>1</sup> British Isles<sup>2</sup>  
 1889 *Liburnia discreta* Edwards, Trans. Nat. Soc. Norwich **4**: 706. Scotland<sup>3</sup>  
 [Listed.]<sup>1</sup> Wales<sup>4</sup>  
 1890 *Liburnia discreta* Saunders and Edwards, Cat. British Hemiptera Sweden<sup>5</sup>  
**1890**: 12. [Listed.]<sup>2</sup> Ireland<sup>6</sup>  
 1890 *Liburnia pellucida discreta* Buckton, Mon. British Cicadae **2**: 50; Germany<sup>7</sup>  
 Pl. xv, Fig. 7. [Described, illustrated.]<sup>2</sup>  
 1890 *Liburnia discreta* Buckton, Mon. British Cicadae **3**: 65, 66. [Synopsis.]  
 1890 [*Liburnia pellucida*] *discreta* Buckton, Mon. British Cicadae **2**: 49. [Comparative note.]  
 1890 *Liburnia discreta* Buckton, Mon. British Cicadae **2**: 51. [Comparative note.]  
 1893 *Liburnia discreta* M'Gregor, Ent. Monthly Mag. **29**: 93. [Listed.]<sup>3</sup>  
 1893 *Liburnia discreta* M'Gregor, Ann. Scottish Nat. Hist. **1893**: 220. [Listed.]<sup>3</sup>  
 1894 *Liburnia discreta* Edwards, Hemip.-Homop. British Islands Pt. **2**: 59; Pl. 6, Figs. 10, 10a. [Described, comparative note, illustrated.]<sup>2</sup> :36. [Key.]  
 1899 *Delphax pellucida discreta* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :107. [Listed.]<sup>2</sup>  
 1907 *Delphax discreta* Oshanin, Vera. Palaeark. Hemip. **2** (2): 313. [Listed.]<sup>2</sup> Equals  
*Liburnia discreta* Edw. Equals *Delphax pellucida discreta* Put.  
 1908 *Delphax discreta* Saunders and Edwards, Cat. British Hemiptera **1908**: 15. [Listed.]<sup>2</sup>  
 1912 *Delphax discreta* Butler, Ent. Monthly Mag. **48**: 189. [Listed.]<sup>4</sup>  
 1912 *Delphax discreta* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>1</sup>  
 1924 *Delphax discreta* Haupt, Konowia **3**: 299. [Comparative note.]  
 1929 *Liburnia discreta* China, Ent. Monthly Mag. **65**: 251. [Listed.]<sup>2</sup>  
 1935 *Liburnia discreta* Wagner, Verh. Ver. Naturw. Heimatforschung. **24**: 7. [Listed.]<sup>7</sup>  
 1935 *Liburnia discreta* Haupt, Tierwelt Mitteleuropas **4** (3): 143; Fig. 254. [Key, illustrated.]  
 1935 *Delphax discreta* Halbert, Proc. R. Irish Acad. **42** (Sect. B) :310. [Listed.]<sup>6</sup>  
 1935 *Liburnia discreta* Ossiannilsson, Ent. Tidskr. **56**: 135; Fig. 19. [Notes, illustrated.]<sup>6</sup>  
 1936 *Liburnia discreta* Ossiannilsson, Opuscula Entomologica. Lund **1**: 50. To *Liburnia obscurella* Boh. [error.]  
 1937 *Liburnia discreta* Kuntze, Arch. Nat. (n. f.) **6**: 356. To *Liburnia obscurella* Boheman. [error.]  
 1938 *Liburnia discreta* Nast, Fragm. Faun. Mus. Zool. Polonici **3**: 233 (9). To *Liburnia obscurella* Boh. [error.]

**disonymos** Kirkaldy

- 1907 *Delphax disonymos* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: Fiji<sup>1</sup>  
 156; Pl. 18, Fig. 4. [n. sp., illustrated.]<sup>1</sup> :151. [Key.] :13. [Listed.]  
 1917 *Delphacodes disonymos* Muir, Proc. Hawaiian Ent. Soc. **3**: 333. [Listed.] Equals  
*Delphax disonymos* Kirk.  
 1920 *Delphacodes disonymos* Muir, Bull. Ent. Res. **10**: 139. [Notes.] Equals *Delphax disonymos* Kirk. Equals *Delphax matanitu* Kirk. [error.] Equals *Delphacodes matanitu* Kirk. [error.] :140. [Comparative note.]



*Delphacodes***dissipata** Muir

- 1926 *Delphacodes dissipata* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: Ecuador<sup>1</sup>  
33: Pl. 4, Figs. 92-94. [n. sp., illustrated.]<sup>1,2</sup> :1. [Distribution.] Brazil<sup>2</sup>

**distanti** nom. nov. for *Opiconsiva modesta* Distant 1917. [nec *Delphax modesta* Fieber 1866.]

- 1917 *Opiconsiva modesta* Distant, Trans. Linn. Soc. London Zool. **17**: Seychelles<sup>1</sup>  
303; Pl. 50, Figs. 14, 14a. [n. sp., illustrated.]<sup>1</sup> (Indian Ocean)  
1919 *Delphacodes modesta* Muir, Canadian Ent. **51**: 7. Equals *Opicon-*  
*siva modesta* Dist.

*distincta* Edwards [nec Flor]. See *Delphacodes albocarinata* Stål.

**distincta** Flor

- 1861 *Delphax distincta* Flor, Rhynch. Livlands **2**: 68. [n. sp.]<sup>1</sup> :36, 38. Estonia<sup>1</sup>  
[Key.] Switzerland<sup>2</sup>  
1866 *Delphax distincta* Fieber, Verh. Zool. Bot. Ges. Wien **16**: 533; Pl. England<sup>3</sup>  
viii, Fig. 23. [Illustrated.] Russia<sup>4</sup>  
1870 *Liburnia distincta* Scott, Ent. Monthly Mag. **7**: 26. [Key.] :68. Ireland<sup>5</sup>  
[Comparative note.] Czechoslovakia<sup>6</sup>  
1871 *Delphax distincta* Sahlberg, Not. Fennica (n. s.) **9** (12): 426. To Germany<sup>7</sup>  
*Liburnia albocarinata* Stål [error.] Austria<sup>8</sup>  
1872 *Liburnia distincta* Fieber, Kat. Europäischen Cicad. :5. [Listed.]<sup>1,2</sup> British Isles<sup>9</sup>  
1873 *Liburnia consanguinea* Scott, Ent. Monthly Mag. **9**: 239. [n. sp.]<sup>3</sup> Denmark<sup>10</sup>  
1873 *Liburnia distincta* Scott, Ent. Monthly Mag. **9**: 240. [Comparative note.] Central Europe<sup>11</sup>  
North Europe<sup>12</sup>  
1875 *Delphax distincta* Puton, Cat. Hémipt. d'Europe 2 Ed. :119. Scotland<sup>13</sup>  
[Listed.]<sup>2,4,9</sup>  
1875 *Delphax consanguinea* Puton, Cat. Hémipt. d'Europe 2 Ed. :119. [Listed.]<sup>6</sup>  
1876 *Liburnia distincta* Douglas and Scott, Cat. British Hemipt. :67. [Listed.]<sup>9</sup> Equals  
*Delphax distincta* Flor.  
1879 *Liburnia distincta* Fieber, Cicad. d'Europe Pt. **4**: 75 (11). [Key.]<sup>1,2,6</sup> Equals *Delphax*  
*distincta* Flor. :133 (69). [Key.]  
1882 *Liburnia distincta* Norman, Ent. Monthly Mag. **18**: 276. [Listed.]<sup>13</sup>  
1884 *Liburnia distincta* Edwards, Trans. Nat. Soc. Norwich **3**: 713. [Listed.]<sup>3</sup>  
1884 *Delphax distincta* Mayr, Tabellen :21. [Listed.]<sup>2,6</sup>  
1886 *Delphax distincta* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>2,4,7,9</sup>  
1886 *Delphax consanguinea* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>9</sup>  
1886 *Delphax distincta* Then, Kat. Österreichischen Cicad. **1886**: 15. [Listed.]<sup>8</sup>  
1886 *Liburnia distincta* Edwards, Syn. British Homop.-Cicadina Pt. **1**: 69. Equals  
*Delphax distincta* Flor. Equals *Liburnia albocarinata* Sahlb. [error.] Equals *Liburnia*  
*consanguinea* Scott.  
1890 *Liburnia distincta* Saunders and Edwards, Cat. British Hemiptera **1890**: 11.  
[Listed.]<sup>9</sup>  
1890 *Liburnia distincta* Buckton, Mon. British Cicadae **1** (II): 46. Equals *Liburnia albo-*  
*carinata* Sahlb.  
1890 *Liburnia distincta* Buckton, Mon. British Cicadae **2**: 46; Pl. xiv, Fig. 3 [Described,  
illustrated.]<sup>9</sup> Equals *Delphax distincta* Flor. Equals *Liburnia albocarinata* Sahlb.  
[error.] Equals *Liburnia consanguinea* Scott.  
1890 *Liburnia distincta* Buckton, Mon. British Cicadae **3**: 66. [Synopsis.]  
1892 *Delphax distincta* Duda, Cat. Ins. Faunae Bohemicae :28. [Listed.]<sup>6</sup>  
1894 *Liburnia distincta* Edwards, Hemipt.-Homop. British Islands Pt. **2**: 47. Equals  
*Liburnia consanguinea* Scott.  
1895 *Delphax distincta* Wüstnei, Schr. Nat. Ver. Schleswig-Holsteins. **10**: 269. [Listed.]<sup>7</sup>  
1896 *Liburnia distincta* Melichar, Cicad. Mittel-Europa :78. [Described.]<sup>6</sup> :71. [Key.]

- 1897 *Liburnia distincta* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 257. [Comparative note.]  
 1899 *Delphax distincta* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>2,4,7,8,9</sup> Equals *Delphax consanguinea* Scott.  
 1904 *Delphax distincta* Hüeber, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>7</sup> Equals *Delphax consanguinea* Scott.  
 1907 *Delphax distincta* Oshanin, Verz. Palaeark. Hemip. 2 (2): 316. [Listed.]<sup>1,2,7,9</sup> Equals *Liburnia consanguinea* Scott. Equals *Liburnia distincta* Fieb.  
 1908 *Delphax distincta* Saunders and Edwards, Cat. British Hemiptera 1908: 15. [Listed.]<sup>9</sup>  
 1912 *Delphax distincta* Haupt, Berliner Ent. Zeits. 56: 193. To *Delphax albocarinata* Stål. [error.]  
 1912 *Delphax distincta* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>2,3,4,7</sup> Equals *Delphax consanguinea* Scott.  
 1913 *Liburnia distincta* Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]<sup>8</sup>  
 1915 *Liburnia distincta* Jensen-Haarup, Flora och Fauna 1915: 142. [Key.]  
 1920 *Liburnia distincta* Jensen-Haarup, Danmarks Fauna :53. [Described.]<sup>10,11,12</sup> :48 [Key.]  
 1929 *Liburnia distincta* Kusnezov, Wien. Ent. Zeit. 46: 162. [Comparative note.]  
 1935 *Delphax distincta* Halbert, Proc. R. Irish Acad. 42 (Sect. B): 310. [Listed.]<sup>6</sup>  
 1937 *Delphax distincta* Lindberg, Not. Ent. 17: 28. To *Liburnia albocarinata* Stål.

### distinguenda Kirschbaum

- 1868 *Delphax distinguenda* Kirschbaum, Cicad. Wiesbaden :23. [n. sp.]<sup>1</sup> Germany<sup>1</sup>  
 1871 *Liburnia distinguenda* [sic] Sahlberg, Not. Fennica (n. s.) 9 (12): Finland<sup>2</sup>  
 432. Equals *Delphax distinguenda* [sic] Kirschb. Morocco<sup>3</sup>  
 1872 *Liburnia distinguenda* Fieber, Kat. Europäischen Cicad. :5. Norway<sup>4</sup>  
 [Listed.]<sup>1</sup> Scandinavia<sup>5</sup>  
 1874 *Liburnia distinguenda* [sic] Siebke, Enumeratio Insectorum Norvegicorum 1: 40. [Listed.]<sup>4</sup> Austria<sup>6</sup>  
 1875 *Delphax distinguenda* Puton, Cat. Hémipt. d'Europe 2 Ed. :119. Algeria<sup>7</sup>  
 [Listed.]<sup>1,5</sup>  
 1879 *Liburnia distinguenda* Fieber, Cicad. d'Europe Pt. 4: 79 (15). [Key.]<sup>1</sup> Equals *Delphax distinguenda* Kirschb. :141 (77). [Key.]  
 1884 *Delphax distinguenda* Mayr, Tabellen :21. [Listed.]<sup>1</sup>  
 1886 *Delphax distinguenda* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>1,5,6</sup>  
 1896 *Liburnia distinguenda* Melichar, Cicad. Mittel-Europa :80. [Described.]<sup>1</sup> :71. [Key.]  
 1899 *Delphax distinguenda* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>1,2,5,6</sup>  
 1900 *Liburnia distinguenda* Fokker, Tijdschr. Ent. 42: 25. [Listed.]<sup>7</sup>  
 1904 *Delphax distinguenda* Hüeber, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>1</sup>  
 1907 *Delphax distinguenda* Oshanin, Verz. Palaeark. Hemip. 2 (2): 318. [Listed.]<sup>1,7</sup> Equals *Liburnia distinguenda* Kirschb.  
 1912 *Liburnia distinguenda* Dahl, Beitr. Nat. 3: 384. [Ecology.] :436. [Key.]  
 1912 *Delphax distinguenda* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>1,7</sup>  
 1915 *Liburnia distinguenda* Jensen-Haarup, Flora och Fauna 1915: 143. [Key.]  
 1916 *Delphax distinguenda* Bergevin, Bull. Soc. Hist. Nat. Afrique du Nord 7: 315. [Listed.]<sup>3</sup>  
 1920 *Liburnia distinguenda* Jensen-Haarup, Danmarks Fauna :61. [Key.]  
 1935 [*Liburnia*] *distinguenda* Haupt, Tierwelt Mitteleuropas 4 (3): 143. To *Liburnia sordidula* Stål. [error.]

### dolera Spooner

- 1912 *Liburnia dolera* Spooner, Canadian Ent. 44: 240. [n. sp.]<sup>1</sup> New York<sup>1</sup>  
 1914 *Megamelus dolerus* Crawford, Mon. Delphacidae :630. [Listed.]<sup>1</sup> Eastern States<sup>2</sup>  
 Equals *Liburnia dolera* Spoon.

*Delphacodes*

- 1916 *Liburnia dolera* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>2</sup>  
 1917 *Liburnia dolera* Van Duzee, Cat. Hemip. America :779. [Listed.]<sup>1</sup>  
 1923 *Liburnia dolera* Metcalf, Jour. Elisha Mitchell Soc. **38**: 149 [Listed.] :173. [Key.]  
 1928 *Delphacodes dolera* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. **101**: 182. [Listed.]<sup>1</sup>

**dolosa** Muir

- 1926 *Delphacodes dolosa* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 34; Brazil<sup>1</sup>  
 Pl. 4, Figs. 99, 100. [n. sp., illustrated.]<sup>1</sup>  
*dorsigera* Metcalf (var.). See *Delphacodes forcipata* var. *dorsigera* Metcalf.  
*dorsoflava* Metcalf (var.). See *Delphacodes alpina* var. *dorsoflava* Metcalf.  
*dorsoinfusata* Metcalf (var.). See *Delphacodes flaveola* var. *dorsoinfusata* Metcalf.  
*douglasi* Scott. See *Eurysa douglasi* Scott.

**dryope** Kirkaldy

- 1907 *Delphax dryope* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 154; Queensland<sup>1</sup>  
 Pl. 16, Figs. 12, 13. [n. sp., illustrated.]<sup>1,2</sup> :151. [Key.] :13. Fiji<sup>2</sup>  
 [Listed.] :155, 156. [Comparative note.] Samoa<sup>3</sup>  
 1917 *Delphacodes dryope* Muir, Proc. Hawaiian Ent. Soc. **3**: 333.  
 [Listed.] Equals *Delphax dryope* Kirk.  
 1927 *Delphacodes dryope* Muir, Fulgoroidea of Samoa :13. [Notes.]<sup>1,2,3</sup> Equals *Delphax dryope*  
 Kirk.

**elegantula** Boheman

- 1847 *Delphax elegantula* Boheman, Handl. Svenska Vet. Akad. **1847**: Sweden<sup>1</sup>  
 63. [n. sp.]<sup>1</sup> France<sup>2</sup>  
 1850 *Delphax elegantula* Schaum, Allg. Encykl. Ersch und Gruber **51**: England<sup>3</sup>  
 69. [Listed.]<sup>1</sup> Germany<sup>4</sup>  
 1851 *Delphax elegantula* Walker, List Homop. British Mus. **2**: 359. Netherlands<sup>5</sup>  
 [Listed.]<sup>1</sup> Scotland<sup>6</sup>  
 1852 *Delphax elegantula* Boheman, Handl. Svenska Vet. Akad. **1851**: Finland<sup>7</sup>  
 :118. [Notes.]<sup>1</sup> Russia<sup>8</sup>  
 1854 *Delphax elegantula* Stål, Öfv. Svenska Vet. Akad. Förh. **11**: 195. Norway<sup>9</sup>  
 [Described, comparative note.]<sup>1</sup> Europe<sup>10</sup>  
 1857 *Delphax elegantula* Perris, Ann. Soc. Linn. Lyon **4**: 170 (90). Estonia<sup>11</sup>  
 [Listed.]<sup>2</sup> Italy<sup>12</sup>  
 1858 *Delphax elegantula* Stål, Öfv. Svenska Vet. Akad. Förh. **15**: 356. Austria<sup>13</sup>  
 [Described.]<sup>1</sup> Belgium<sup>14</sup>  
 1859 *Delphax elegantula* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup> Czechoslovakia<sup>15</sup>  
 1860 *Delphax elegantula* Walker, List British Hemip. :17. [Listed.]<sup>3</sup> British Isles<sup>16</sup>  
 1861 *Delphax elegantula* Flor, Rhynch. Livlands **2**: 56. [Described.]<sup>1,4,11</sup> Hungary<sup>17</sup>  
 :35. [Key.] :38. [Listed.] Yugoslavia<sup>18</sup>  
 1863 *Delphax elegantula* Snellen van Vollenhoven, Tijdschr. Ent. **6**: 12. Tunisia<sup>19</sup>  
 [Notes.]<sup>5</sup> Romania<sup>20</sup>  
 1865 *Delphax elegantulus* Marshall, Ent. Monthly Mag. **1**: 199. [Key.] Batavia<sup>21</sup>  
 :252. [Described.]<sup>16</sup> Denmark<sup>22</sup>  
 1866 *Delphax elegantula* Fieber, Verh. Zool. Bot. Ges. Wien. **16**: 520; North Africa<sup>23</sup>  
 Pl. viii, Fig. 22. [Illustrated.] :532. [Listed.] Poland<sup>24</sup>  
 1867 *Delphax elegantula* Dallas, Zool. Rec. **3**: 560. [Listed.]  
 1867 *Delphax elegantulus* Marshall, Ent. Monthly Mag. **3**: 269. [Notes.]<sup>16</sup>  
 1868 *Delphax elegantula* Sahlberg, Not. Fennica (n. s.) **9** (9): 217. [Notes.]<sup>1,7</sup> :188.  
 [Listed.]<sup>7</sup>  
 1868 *Delphax elegantula* Kirschbaum, Cicad. Wiesbaden :23. [Key.]<sup>4</sup>  
 1870 *Achorotile elegantula* Oshanin, Mém. Soc. Amis, Sci. Nat. Moscou **6**: 47. [Listed.]<sup>8</sup>  
 1870 *Liburnia elegantula* Scott, Ent. Monthly Mag. **7**: 26. [Key.]

- 1871 *Achorotile elegantula* Oshanin, Bull. Imp. Soc. Nat. Hist. Imp. Univ. Moscou **6** (3): 30 [Listed.]<sup>3</sup>
- 1871 *Liburnia elegantula* Sahlberg, Not. Fennica (n. s.) **9** (12): 424. [Described.]<sup>1,7,9</sup> Equals *Delphax elegantula* Boh. :423. [Key.] :56. [Listed.]<sup>1,7,9</sup> :489. [Listed.]<sup>1</sup>
- 1872 *Liburnia elegantula* Fieber, Kat. Europäischen Cicad. :5. [Listed.]<sup>10</sup>
- 1873 *Liburnia elegantula* Scott, Ent. Monthly Mag. **9**: 239. [Comparative note.]
- 1873 *Liburnia aemulator* Scott, Ent. Monthly Mag. **9**: 238. [n. sp.]<sup>3</sup>
- 1874 *Liburnia elegantula* Lethierry, Cat. Hémip. Dept. du Nord Second Ed. :258 (54). [Listed.]<sup>2</sup>
- 1874 *Liburnia elegantula* Siebke, Enumeratio Insectorum Norvegorum **1**: 40. [Listed.]<sup>9</sup>
- 1874 *Delphax elegantula* Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg **20**: 82. [Listed.]<sup>4</sup>
- 1875 *Delphax elegantula* Puton, Cat. Hémip. d'Europe 2 Ed. :119. [Listed.]<sup>10</sup>
- 1875 *Delphax aemulator* Puton, Cat. Hémip. d'Europe 2 Ed. :119. [Listed.]<sup>16</sup>
- 1876 *Liburnia elegantula* Douglas and Scott, Cat. British Hemip. :67. [Listed.]<sup>16</sup> Equals *Delphax elegantula* Boh.
- 1876 *Liburnia aemulatrix* [sic] Douglas and Scott, Cat. British Hemip. :67. [Listed.]<sup>16</sup> Equals *Liburnia aemulator* Scott.
- 1879 *Liburnia elegantula* Fieber, Cicad. d'Europe Pt. **4**: 71 (7). [Key.]<sup>1,3,4,11</sup> Equals *Delphax elegantula* Boh. :135 (71). [Key.]
- 1880 *Delphax elegantula* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar **21**: 55. [Listed.]<sup>2</sup>
- 1881 *Liburnia elegantula* Mayr, Ber. Natur.-Med. Ver. Innsbruck **10**: 86 (10). [Listed.]<sup>13</sup>
- 1882 *Liburnia elegantula* Norman, Ent. Monthly Mag. **18**: 276. [Listed.]<sup>6</sup>
- 1882 *Liburnia aemulatrix* [sic] Norman, Ent. Monthly Mag. **18**: 276. [Listed.]<sup>6</sup>
- 1882 *Delphax elegantula* Ferrari, Cicad. Agri Ligustici :91 (19). [Listed.]<sup>12</sup> Equals *Liburnia elegantula* Boh.
- 1884 *Liburnia elegantula* Edwards, Trans. Nat. Soc. Norwich **3**: 713. [Listed.]<sup>3</sup>
- 1884 *Delphax elegantula* Mayr, Tabellen :21. [Listed.]<sup>2,4,13</sup>
- 1885 *Delphax elegantula* Ivanoff, Liste des Cigales :89 (7). [Listed.] :114 (32). [Key.]
- 1886 *Delphax elegantula* Then, Kat. Österreichischen Cicad. **1886**: 14. [Listed.]<sup>10,13</sup>
- 1886 *Liburnia elegantula* Löw, Becker's Herstein in Niederösterreich **3**: 497. [Listed.]<sup>13</sup>
- 1886 *Liburnia elegantula* Edwards, Syn. British Homop.-Cicadina Pt. **1**: 68. [Described.]<sup>16</sup> Equals *Delphax elegantula* Boh. Equals *Liburnia aemulator* Scott. :59. [Key.]
- 1886 *Delphax aemulator* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>16</sup>
- 1886 *Delphax elegantula* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>10</sup>
- 1888 *Delphax elegantula* Dubois, Mém. Soc. Linn. Nord France **7**: 155 (59). [Listed.]<sup>2</sup>
- 1890 *Delphax elegantula* Funk, Ber. Nat. Ges. Bamberg **15**: 140. [Listed.]<sup>4</sup>
- 1890 *Delphax elegantula* Dominique, Ann. Soc. Acad. Loire-Inférieure **1890**: 110 (26). [Listed.]<sup>2</sup>
- 1890 *Liburnia elegantula* Saunders and Edwards, Cat. British Hemiptera **1890**: 11. [Listed.]<sup>16</sup> Equals *Liburnia aemulatrix* [sic] Scott.
- 1890 *Liburnia elegantula* Buckton, Mon. British Cicadae **2**: 36; Pl. xi, Figs. 7-11. [Described, illustrated.]<sup>16</sup> Equals *Delphax elegantula* Boheman. Equals *Liburnia aemulator* Scott.
- 1890 *Liburnia elegantula* Buckton, Mon. British Cicadae **3**: 65. [Synopsis.]
- 1891 *Delphax elegantula* Fokker, Cat. Nederland Hemip. :366. [Listed.]<sup>6</sup>
- 1891 *Delphax elegantula* Fokker, Compte Rendu Soc. Ent. Belgique **35**: cccxli. [Listed.]<sup>14</sup>
- 1892 *Delphax elegantula* Carpentier and Dubois, Mém. Soc. Linn. Nord France **8**: 432. [Listed.]<sup>2</sup>
- 1892 *Delphax elegantula* Coubeaux, Ann. Soc. Ent. Belgique **36**: 34 (1). [Listed.]<sup>14</sup>
- 1892 *Delphax elegantula* Ferrari, Ann. Mus. Genova (2) **12**: 569 (21). [Listed.]<sup>12</sup>
- 1892 *Delphax elegantula* Spitzner, Verh. Naturf. Ver. Brünn **30**: 27. [Listed.]<sup>15</sup>
- 1892 *Delphax elegantula* Dominique, Bull. Soc. Sci. Nat. Ouest France **2**: 116. [Listed.]<sup>2</sup>
- 1892 *Delphax elegantula* Lethierry, Rev. Hémip. Belgique :22. [Listed.]<sup>14</sup>
- 1892 *Delphax elegantula* Duda, Cat. Ins. Faunae Bohemicae :28. [Listed.]<sup>15</sup>
- 1894 *Liburnia elegantula* Edwards, Hemip.-Homop. British Islands Pt. **2**: 46; Pl. 6, Fig. 1. [Described, illustrated.]<sup>16</sup> :34. [Key.]



*Delphacodes*

- 1894 *Delphax elegantula* Fokker, Tijdschr. Ent. **37**: 83. [Listed.]<sup>6</sup>  
 1895 *Delphax elegantula* Wüstnei, Schr. Nat. Ver. Schleswig-Holsteins. **10**: 269. [Listed.]<sup>4</sup>  
 1896 *Liburnia elegantula* Melichar, Cicad. Mittel-Europa :77; Pl. v, Figs. 43, 44. [Described, illustrated.]<sup>4,10,13,16</sup> Equals *Delphax elegantula* Scott. Equals *Liburnia aemulator* Scott. :71. [Key.]  
 1897 *Delphax elegantula* Horváth, Fauna Regni Hungariae :56. [Listed.]<sup>17</sup>  
 1899 *Liburnia elegantula* Melichar, Wien. Ent. Zeit. **18**: 180. [Listed.]<sup>19</sup>  
 1899 *Delphax elegantula* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :107. [Listed.]<sup>10</sup> Equals *Delphax aemulator* Scott.  
 1900 *Liburnia elegantula* Strobl, Mitt. Natur. Ver. Stiermark **36**: 206. [Listed.]<sup>13</sup>  
 1901 *Delphax elegantula* Lambertie, Act. Soc. Linn. Bordeaux **56**: 217 (89). [Listed.]<sup>2</sup>  
 1902 *Delphax elegantula* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) **2**: 222. [Listed.]<sup>2</sup>  
 1902 *Delphax elegantula* Lambertie, Bull. Soc. Ent. France **1902**: 325. [Listed.]<sup>2</sup>  
 1902 *Delphax elegantula* Lambertie, Act. Soc. Linn. Bordeaux **57**: (2). [Listed.]<sup>2</sup>  
 1902 *Delphax elegantula* Lambertie, Proc. Verb. Soc. Linn. Bordeaux **57**: lxxix [2], lxxxi [3]. [Listed.]<sup>2</sup>  
 1903 *Delphax elegantula* Lambertie, Proc. Verb. Soc. Linn. Bordeaux **58**: lxxv. [Listed.]<sup>2</sup>  
 1903 *Delphax elegantula* Horváth, Ann. Mus. Nat. Hungarici **1**: 28. [Listed.]<sup>18</sup>  
 1903 *Delphax elegantula* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste **21**: 62 (22). [Listed.]<sup>12</sup>  
 1904 *Delphax elegantula* Lambertie, Act. Soc. Linn. Bordeaux **59**: 30 (14). [Listed.]<sup>2</sup>  
 1904 *Delphax elegantula* Hübner, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>4</sup> Equals *Delphax aemulator* Scott.  
 1906 *Delphax elegantula* Matsumura, Schr. Nat. Ges. Danzig **11**: 76. [Listed.]<sup>4</sup>  
 1907 *Liburnia elegantula* Bierman, Ent. Berichten **2**: 194. [Listed.]<sup>6</sup>  
 1907 *Delphax elegantula* Oshanin, Verz. Palaeark. Hemip. **2** (2): 315. [Listed.]<sup>1,2,4,7,8,11,12,13,16,17,19,20</sup> Equals *Liburnia aemulator* Scott. Equals *Liburnia elegantula* Sahlb.  
 1907 *Delphax elegantula* Oshanin, Cat. Homop. St. Pétersbourg **1907**: 246 (34). [Listed.]<sup>8</sup>  
 1908 *Delphax elegantula* Saunders and Edwards, Cat. British Hemiptera **1908**: 15. [Listed.]<sup>16</sup> Equals *Delphax aemulatrix* [sic] Scott.  
 1908 *Delphax elegantula* Oshanin, Verz. Palaeark. Hemip. **2** (3): 453. [Listed.]<sup>21</sup>  
 1909 *Delphax elegantula* Lambertie, Proc. Verb. Soc. Linn. Bordeaux **63**: clix. [Listed.]<sup>2</sup>  
 1910 *Delphax elegantula* Lambertie, Misc. Ent. **18**: 92. [Listed.]<sup>2</sup> Equals *Delphax aemulator* Scott.  
 1912 *Delphax elegantula* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>10,19</sup> Equals *Delphax aemulator* Scott.  
 1912 *Liburnia elegantula* Schmidt, Stett. Ent. Zeit. **73**: 149. [Notes.]<sup>4</sup>  
 1913 *Liburnia elegantula* Dalla Torre, Ent. Jahrb. **22**: 149. [Listed.]<sup>13</sup>  
 1915 *Liburnia elegantula* Jensen-Haarup, Flora and Fauna **1915**: 142. [Comparative note.] :143; Figs. 17a-d. [Described, illustrated.]<sup>22</sup> :141. [Key.]  
 1915 *Liburnia elegantula* Jacobsen, Ent. Medd. **10**: 319. [Listed.]<sup>22</sup>  
 1920 *Liburnia elegantula* Jensen-Haarup Danmarks Fauna :52; Fig. 27. [Described, illustrated.]<sup>10,22,23</sup> :48. [Key.]  
 1920 *Delphax elegantula* Tullgren and Wahlgren, Svenska Insekter **1920**: 152. [Notes.]<sup>1</sup>  
 1924 *Liburnia elegantula* Lindberg, Acta. Soc. Fauna Flora Fennica **56**: 46. [Listed.]<sup>7</sup>  
 1925 *Delphax elegantula* Haupt, Mitt. Münchner Ent. Ges. **15**: 18. [Listed.]<sup>4</sup>  
 1925 *Delphax elegantula* Kupka, Mitt. Münchner Ent. Ges. **15**: 112. [Listed.]<sup>4</sup>  
 1926 *Delphax elegantula* Sherborn, Index Animalium **9**: 2110. [Listed.]  
 1926 *Delphax elegantulus* Blöte, De Levende Natuur. **4**: 113; fig. 7. [Listed, illustrated.]<sup>6</sup>  
 1928 *Delphax elegantula* Filipieff, Guide to Insects :159. [Key.]  
 1928 *Delphax elegantula* Ivanov, Mém. Acad. Sci. Ukraine **6**: 197. [Listed.]<sup>8</sup>  
 1928 *Delphax elegantula* Ivanov, Trav. Mus. Zool. **1928**: 501. [Listed.]<sup>8</sup>  
 1929 *Liburnia elegantula* Kusnezov, Wien. Ent. Zeit. **46**: 159. [Comparative note.]  
 1934 *Delphax elegantula* Ossiannilsson, Ent. Tidskr. **55**: 138. [Listed.]<sup>1</sup>  
 1935 *Liburnia elegantula* Haupt, Tierwelt Mitteleuropas **4** (3): 144; Fig. 263. [Key, illustrated.] :146. [Comparative note.]

- 1935 *Delphax elegantula* Rapp, Beiträge zur Fauna Thüringens 1: 50. [Listed.]<sup>4</sup>  
 1935 *Liburnia elegantula* Wagner, Verh. Ver. Naturw. Heimatforschung, 24: 8. [Listed.]<sup>4</sup>  
 1937 *Liburnia elegantula* Kuntze, Arch. Nat. [n. f.] 6: 322, 337, 338, 350, 356. [Ecology.]<sup>4</sup>  
 1938 *Liburnia elegantula* Nast, Fragm. Faun. Mus. Zool. Polonici 3: 233 (9). [Listed.]<sup>24</sup>

*erecta* Crawford. See *Delphacodes humilis* Van Duzee.

*erecta* var. *nigripennis* Crawford. See *Delphacodes nigripennis* Crawford.

*erecta* var. *nigripennis* Muir [nec Crawford]. See *Delphacodes humilis* Van Duzee.

### excisa Melichar

- 1898 *Liburnia excisa* Melichar, Wien. Ent. Zeit. 17: 67; Figs. 1-3. [n. sp., illustrated.]<sup>1</sup> Germany<sup>1</sup>  
 Austria<sup>2</sup>  
 1899 *Delphax excisa* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. Denmark<sup>3</sup>  
 :108. [Listed.]<sup>1,2</sup> Finland<sup>4</sup>  
 1904 *Delphax excisa* Hüeber, Syst. Verz. deutschen Zikadinen :269. Sweden<sup>5</sup>  
 [Listed.]<sup>1</sup>  
 1907 *Delphax excisa* Oshanin, Verz. Palaeark. Hemip. 2 (2): 317. [Listed.]<sup>1</sup> Equals *Liburnia excisa* Mel.  
 1912 *Delphax excisa* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>1</sup>  
 1915 *Liburnia elymi* Jensen-Haarup, Flora och Fauna 1915: 139, 144; Figs. 18a-d. [n. sp., illustrated.]<sup>3</sup> :139. [Key.]  
 1916 *Liburnia elymi* Jensen-Haarup, Flora och Fauna 1916: 35. [Note.]  
 1917 *Liburnia elymi* Jensen-Haarup, Ent. Medd. 11: 3; Figs. 2a-d. [Described, illustrated.]<sup>3</sup>  
 1920 *Liburnia excisa* Jensen-Haarup, Danmarks Fauna :53; Fig. 28. [Described, illustrated.]<sup>3</sup> Equals *Liburnia elymi* Jens.-Haar. :46. [Key.]  
 1920 *Liburnia excisa* Jensen-Haarup, Ent. Medd. 13: 209. Equals *Liburnia elymi* Jens.-Haar.  
 1924 *Liburnia excisa* Lindberg, Acta. Soc. Fauna Flora Fennica 56: 39, 46. [Listed.]<sup>4</sup> Equals *Liburnia elymi* Jens.-Haar.  
 1934 *Delphax excisa* Ossiannilsson, Ent. Tidskr. 55: 138. [Listed.]<sup>5</sup>  
 1935 *Liburnia excisa* Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 8. [Listed.]<sup>1</sup>  
 1935 *Liburnia excisa* Haupt, Tierwelt Mitteleuropas 4 (3): 144; Fig. 260. [Key, illustrated.]  
 1937 [*Liburnia*] *excisa* [sic] Kuntze, Arch. Nat. [n. f.] 6: 309. [Ecology.]<sup>1</sup>  
 1937 *Liburnia excisa* Kuntze, Arch. Nat. [n. f.] 6: 310, 356. [Ecology.]<sup>1</sup>  
 1939 *Liburnia excisa* Lindberg, Acta Zool. Fennica 22: 85. [Parasites.]

### exigua Boheman.

- 1847 *Delphax exigua* Boheman, Handl. Svenska Vet. Akad. 1847: 65. Sweden<sup>1</sup>  
 [n. sp.]<sup>1</sup> England<sup>2</sup>  
 1850 *Delphax exigua* Boheman, Handl. Svenska Vet. Akad. 1849: 259. Estonia<sup>3</sup>  
 [Listed.]<sup>1</sup> Germany<sup>4</sup>  
 1850 *Delphax exigua* Schaum, Allg. Encykl. Ersch und Gruber 51: 69. Netherlands<sup>5</sup>  
 [Listed.]<sup>1</sup> Western  
 1851 *Delphax exigua* Walker, List Homop. British Mus. 2: 359. Europe<sup>6</sup>  
 [Listed.]<sup>1</sup> France<sup>7</sup>  
 1852 *Delphax exigua* Boheman, Handl. Svenska Vet. Akad. 1851: 118. Scandinavia<sup>8</sup>  
 [Listed.]<sup>1</sup> Switzerland<sup>9</sup>  
 1854 *Delphax exigua* Stål, Öfv. Svenska Vet. Akad. Förh. 11: 195. [Described.]<sup>1</sup> Finland<sup>10</sup>  
 Austria<sup>11</sup>  
 1859 *Delphax exigua* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup> Russia<sup>12</sup>  
 1860 *Delphax exigua* Walker, List British Hemip. :17. [Listed.]<sup>2</sup> Belgium<sup>13</sup>  
 1861 *Delphax exigua* Flor, Rhynch. Livlands 2: 61. [Described.]<sup>1,3,4</sup> :36, Czechoslovakia<sup>14</sup>  
 39. [Key.] British Isles<sup>15</sup>

*Delphacodes*

- 1866 *Delphax exigua* Fieber, Verh. Zool. Bot. Ges. Wien **16**: Pl. viii, Hungary<sup>16</sup>  
Fig. 43. [Illustrated.] Italy<sup>17</sup>
- 1868 *Delphax exigua* Kirschbaum, Cicad. Wiesbaden :34. [Key.]<sup>4</sup> Tunisia<sup>18</sup>
- 1870 *Liburnia exigua* Scott, Ent. Monthly Mag. **7**: 75. [Listed.]<sup>15</sup> :28. Central  
[Key.] Europe<sup>19</sup>
- 1871 *Liburnia exigua* Sahlberg, Not. Fennica [n. s.] **9** (12): 457. [De- Denmark<sup>20</sup>  
scribed.]<sup>1</sup> Equals *Delphax exigua* Boh. :424. [Key.] :58. [Listed.]<sup>1</sup> Poland<sup>21</sup>  
:489. [Listed.]<sup>1,10</sup> :31, 37. [Ecology.] :454. [Listed.]
- 1872 *Liburnia exigua* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>6</sup>
- 1874 *Delphax exigua* Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg **20**: 83. [Listed.]<sup>4</sup>
- 1874 *Liburnia exigua* [sic] Lethierry, Cat. Hémipt. Dept. du Nord Second Ed. :258 (54).  
[Listed.]<sup>7</sup>
- 1874 *Liburnia exigua* Lethierry, Mém. Soc. Sci. Lille **1874**: 54. [Listed.]<sup>7</sup>
- 1874 *Liburnia exigua* [sic] Lethierry, Mém. Soc. Sci. Lille **1874**: 258. [Listed.]<sup>7</sup>
- 1875 *Delphax exigua* Puton, Cat. Hémipt. d'Europe 2 Ed. :120. [Listed.]<sup>7,8,16</sup>
- 1876 *Liburnia exigua* Douglas and Scott, Cat. British Hemipt. :69. [Listed.]<sup>16</sup> Equals *Del-*  
*phax exigua* Boh.
- 1879 *Liburnia exigua* Fieber, Cicad. d'Europe Pt. **4**: 109 (45). [Key.]<sup>1,3,4,9</sup> Equals *Delphax*  
*exigua* Boh. :141 (77). [Key.]
- 1880 *Liburnia exigua* Reuter, Medd. Soc. Fauna Fl. Fennica **5**: 202. [Described.]<sup>10</sup>
- 1880 *Delphax exigua* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar **21**: 56. [Listed.]<sup>7</sup>
- 1881 *Liburnia exigua* Mayr, Ber. Natur.-Med. Ver. Innsbruck **10**: 87 (11). [Listed.]<sup>11</sup>
- 1884 *Delphax exigua* Mayr, Tabellen :21. [Listed.]<sup>4,7,9,11</sup>
- 1886 *Delphax exigua* Then, Kat. Österreichischen Cicad. **1886**: 15. [Listed.]<sup>6,11</sup>
- 1886 *Delphax exigua* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>4,7,8,11,12,15</sup>
- 1886 *Liburnia exigua* Edwards, Syn. British Homop.-Cicadina Pt. **1**: 82. [Described.]<sup>15</sup>  
Equals *Delphax exigua* Boh. :60. [Key.]
- 1888 *Delphax exigua* Dubois, Mém. Soc. Linn. Nord France **7**: 156 (60). [Listed.]<sup>7</sup>
- 1889 *Liburnia exigua* Edwards, Trans. Nat. Soc. Norwich **4**: 706. [Listed.]<sup>2</sup>
- 1890 *Liburnia exigua* Saunders and Edwards, Cat. British Hemiptera **1890**: 12. [Listed.]<sup>16</sup>
- 1890 *Liburnia exigua* Buckton, Mon. British Cicadae **2**: 52; Pl. xv, Figs. 3, 4. [Described,  
illustrated.]<sup>1,4,9,15</sup> Equals *Delphax exigua* Boh. :59. [Comparative note.]
- 1890 *Delphax exigua* Duda, Cat. Ins. Faunae Bohemicae :29. [Listed.]<sup>14</sup>
- 1890 *Liburnia exigua* Buckton, Mon. British Cicadae **3**: 65, 66. [Synopsis.]
- 1892 *Liburnia exigua* Saunders, Ent. Monthly Mag. **28**: 218. [Listed.]<sup>2</sup>
- 1892 *Delphax exigua* Coubeaux, Ann. Soc. Ent. Belgique **36**: 34 (1). [Listed.]<sup>13</sup>
- 1894 *Liburnia exigua* Edwards, Hemipt.-Homop. British Islands Pt. **2**: 62; Pl. 7, Fig. 4.  
[Described, illustrated.]<sup>15</sup> :36. [Key.]
- 1895 *Delphax exigua* Wüstnei, Schr. Nat. Ver. Schleswig-Holsteins. **10**: 269. [Listed.]<sup>4</sup>
- 1896 *Liburnia exigua* Melichar, Cicad. Mittel-Europa :88; Pl. v, Figs. 16, 17. [Described,  
illustrated.]<sup>4,6,11</sup> :73. [Key.]
- 1897 *Delphax exigua* Horváth, Fauna Regni Hungariae :57. [Listed.]<sup>16</sup>
- 1899 *Delphax exigua* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>4,7,8,10,</sup>  
<sup>11,12,15</sup>
- 1899 *Liburnia exigua* Melichar, Wien. Ent. Zeit. **18**: 181. [Listed.]<sup>18</sup>
- 1900 *Liburnia exigua* Strobl, Mitt. Natur. Ver. Steiermark **36**: 206. [Listed.]<sup>11</sup>
- 1902 *Delphax exigua* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) **2**: 223. [Listed.]<sup>7</sup>
- 1903 *Delphax exigua* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste **21**: 63 (23). [Listed.]<sup>17</sup>
- 1904 *Delphax exigua* Hüeber, Syst. Verz. deutschen Zikadinen :270. [Listed.]<sup>4</sup>
- 1906 *Delphax exigua* Matsumura, Schr. Nat. Ges. Danzig **11**: 76. [Listed.]<sup>4</sup>
- 1907 *Liburnia exigua* Butler, Hemipt. Hastings :56. [Listed.]<sup>2</sup>
- 1907 *Liburnia exigua* Bierman, Ent. Berichten **2**: 194. [Listed.]<sup>5</sup>
- 1907 *Delphax exigua* Oshanin, Verz. Palaeark. Hemipt. **2** (2): 324. [Listed.]<sup>1,3,4,7,9,10,11,15,16,18</sup>  
Equals *Liburnia exigua* Sahlb.
- 1908 *Delphax exigua* Saunders and Edwards, Cat. British Hemiptera **1908**: 15. [Listed.]<sup>6</sup>
- 1912 *Delphax exigua* Oshanin, Kat. Paläark. Hemipt. :119. [Listed.]<sup>18,19</sup>
- 1913 *Liburnia exigua* Dalla Torre, Ent. Jahrb. **22**: 149. [Listed.]<sup>11</sup>

- 1915 *Liburnia exigua* Jensen-Haarup, Flora och Fauna 1915: 139. [Key.]:142. [Comparative note.]  
 1915 *Liburnia exigua* Jacobsen, Ent. Medd. 10: 320. [Listed.]<sup>20</sup>  
 1916 *Delphax exigua* Haupt, Zeits. Wiss. Insektenbiol. 12: 202. [Parasite.]  
 1916 *Liburnia exigua* Jensen-Haarup, Flora och Fauna 1916: 34. [Described.]<sup>20</sup>  
 1920 *Liburnia exigua* Jensen-Haarup, Danmarks Fauna :58. [Described.]<sup>3,20</sup>:49. [Key.]  
 1920 *Delphax exigua* Tullgren and Wahlgren, Svenska Insekter 1920: 152. [Notes.]<sup>1</sup>  
 1924 *Liburnia exigua* Lindberg, Acta Soc. Fauna Flora Fennica 56: 46. [Listed.]<sup>10</sup>  
 1926 *Delphax exigua* Sherborn, Index Animalium 10: 2270. [Listed.]  
 1926 *Delphax exiguus* Blöte, De Levende Natuur. 4: 113. [Listed.]<sup>5</sup>  
 1928 *Delphax exigua* Ivanov, Mém. Acad. Sci. Ukraine 6: 198. [Listed.]<sup>12</sup>  
 1928 *Delphax exigua* Ivanov, Trav. Mus. Zool. 1928: 502. [Listed.]<sup>12</sup>  
 1934 *Delphax exigua* Ossiannilsson, Ent. Tidskr. 55: 139. [Listed.]<sup>1</sup>  
 1934 *Liburnia exigua* Haupt, Märkische Tierwelt 1: 48 (8). [Food plants.]<sup>4</sup>  
 1934 *Liburnia exigua* Thornley, Trans. Soc. British Ent. 1: 82. [Listed.]<sup>2</sup>  
 1935 *Liburnia exigua* Haupt, Tierwelt Mitteleuropas 4 (3): 145; Fig. 267. [Key, illustrated.]  
 1935 *Liburnia exigua* Wagner, Verh. Ver. Naturw. Heimatforschung, 24: 9. [Listed.]<sup>4</sup>  
 1937 *Liburnia exigua* Kuntze, Arch. Nat. [n. f.] 6: 315, 316, 318, 319, 349, 350, 356, 384. [Ecology.]<sup>4</sup>  
 1938 *Liburnia exigua* Nast, Fragm. Faun. Mus. Zool. Polonici 3: 233 (9). [Listed.]<sup>21</sup>  
 1939 [*Liburnia*] *exigua* Lindberg, Acta Zool. Fennica 22: 156. [Effects of parasitism.]

***exigua* var. *arida* nom. nov. for *Liburnia exigua lugubrinae* Fieber. [1879]  
 [nec *Delphacodes lugubrina* Boheman 1847]**

1879 *Liburnia exigua lugubrinae* Fieber, Cicad. d'Europe Pt. 4: 110 (46). [var. n.]

*exigua* var. *lugubrinae* Fieber. See *Delphacodes exigua* var. *arida* Metcalf.

*excisa*. Typographical error for *Liburnia excisa* Melichar. See *Delphacodes excisa* Melichar.

***fairmairei* Perris**

- 1834 *Delphax dispar* [nec Fallén] Herrich-Schäffer, Deutschlands Ins. France<sup>1</sup>  
 126: 3. [Described, illustrated.]<sup>7</sup> Estonia<sup>2</sup>  
 1835 *Delphax dispar* [nec Fallén] Herrich-Schäffer, Nom. Ent. 1: 66. China<sup>3</sup>  
 [Key.]:106. Equals *Fulg[ora marginata]* Fabr. [error.] Equals Russia<sup>4</sup>  
*Delphax marginata* Fabr. [error.] England<sup>5</sup>  
 1857 *Delphax fairmairii* [sic] Perris, Ann. Soc. Linn. Lyon 4: 170 (90). Europe<sup>6</sup>  
 [n. sp.]<sup>1</sup> Germany<sup>7</sup>  
 1859 *Delphax fairmairei* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup> Switzerland<sup>8</sup>  
 1861 *Delphax neglecta* Flor, Rhynch. Livlands 2: 57. [n. sp.]<sup>1,2</sup> Equals Czechoslovakia<sup>9</sup>  
*Delphax dispar* H.-S. [nec Fall.] :199. [Key.]:273. [Comparative note.] Austria<sup>10</sup>  
 Finland<sup>11</sup>  
 1865 *Delphax neglectus* Marshall, Ent. Monthly Mag. 1: 274. [Described.]<sup>14</sup> Equals *Delphax dispar* H.-S. [nec Fall.] :199. [Key.] Belgium<sup>13</sup>  
 1866 *Delphax neglecta* Fieber, Verh. Zool. Bot. Ges. Wien. 16: Pl. viii, British Isles<sup>14</sup>  
 Fig. 52. [Illustrated.] Romania<sup>15</sup>  
 1868 *Delphax neglecta* Kirschbaum, Cicad. Wiesbaden :27. [Comparative note.] Batavia<sup>16</sup>  
 Denmark<sup>17</sup>  
 1868 *Delphax neglecta* Sahlberg, Not. Fennica [n. s.]9 (9): 188. [Listed.]<sup>11</sup> Wales<sup>18</sup>  
 1870 *Achorotile neglecta* Oshanin, Mém. Soc. Amis Sci. Nat. Moscou 6: Netherlands<sup>19</sup>  
 47. [Listed.]<sup>4</sup> Scotland<sup>20</sup>  
 1870 *Liburnia neglecta* Scott, Ent. Monthly Mag. 7: 27. [Key.]:28. Ireland<sup>21</sup>  
 [Comparative note.]:75. [Listed.]<sup>6</sup>  
 1871 *Achorotile neglecta* Oshanin, Bull. Imp. Soc. Nat. Hist. Imp. Univ. Moscou 6 (3): 30  
 [Listed.]<sup>4</sup>  
 1871 *Liburnia neglecta* Scott, Ent. Monthly Mag. 7: 195. [Comparative note.]



*Delphacodes*

- 1871 *Delphax neglecta* Sahlberg, Not. Fennica [n. s.] 9 (12): 444. To *Liburnia brevipennis* Boh. [error.]
- 1871 *Liburnia extrusa* Scott, Ent. Monthly Mag. 7: 194. [n. sp.]<sup>5</sup>
- 1872 *Liburnia fairmairi* [sic] Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>1</sup>
- 1872 *Dicranotropis* (?) *fairmairi* [sic] Fieber, Kat. Europäischen Cicad. :6. To *Dicranotropis hamata* Boh. [error.]
- 1872 *Liburnia extrusa* Fieber, Cat. Europäischen Cicad. :6. [Listed.]<sup>5</sup>
- 1872 *Liburnia neglecta* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>6</sup> Equals *Liburnia dispar* H.-S. [nec Fall.]
- 1874 *Liburnia fairmairei* Puton, Ann. Soc. Ent. France (5) 4: 229. Equals *Liburnia neglecta* Flor.
- 1874 *Delphax neglecta* Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 83. [Listed.]<sup>7</sup>
- 1874 *Liburnia neglecta* Lethierry, Cat. Hémipt. Dept. du Nord Second Ed. :259 (55). [Listed.]<sup>1</sup>
- 1875 *Delphax fairmairei* Puton, Cat. Hémipt. d'Europe 2 Ed. :121. [Listed.]<sup>6</sup> Equals *Delphax neglecta* Flor. Equals *Delphax dispar* H.-S. [nec Fall.]
- 1875 *Delphax extrusa* Puton, Cat. Hémipt. d'Europe 2 Ed. :121. [Listed.]<sup>14</sup>
- 1876 *Liburnia extrusa* Douglas and Scott, Cat. British Hemipt. :68. [Listed.]<sup>14</sup>
- 1876 *Liburnia neglecta* Douglas and Scott, Cat. British Hemipt. :68. [Listed.]<sup>14</sup> Equals *Delphax neglecta* Flor. Equals *Delphax dispar* H.-S. [nec Fall.]
- 1876 *Delphax fairmairii* [sic] Douglas and Scott, Cat. British Hemipt. :70. To *Dicranotropis hamata* Boh. [error.]
- 1876 *Liburnia neglecta* Scott, Ent. Monthly Mag. 12: 205. [Comparative note.]
- 1878 *Delphax fairmairei* Reiber, Bull. Soc. Hist. Nat. Colmar 18: 70. [Listed.]<sup>1</sup>
- 1879 [*Liburnia*] *neglecta* Fieber, Cicad. d'Europe Pt. 4: 86 (22). [Note.]
- 1879 *Liburnia neglecta* Fieber, Cicad. d'Europe Pt. 4: 121 (57). [Key.]<sup>1,2,7,8,9,10</sup> Equals *Delphax neglecta* Flor. Equals ?*Delphax dispar* H.-S. [nec Fall.] :131 (67). [Key.]
- 1879 *Liburnia extrusa* Norman, Ent. Monthly Mag. 15: 256. [Listed.]<sup>20</sup>
- 1879 *Liburnia neglecta* Norman, Ent. Monthly Mag. 15: 256. [Listed.]<sup>20</sup>
- 1880 *Liburnia fairmairei* Reuter, Medd. Soc. Fauna Fl. Fennica 5: 200. [Described.]<sup>11</sup> Equals *Liburnia neglecta* Flor.
- 1880 *Delphax fairmairei* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 56. [Listed.]<sup>1</sup>
- 1881 *Liburnia neglecta* Mayr, Ber. Natur.-Med. Ver. Innsbruck 10: 87 (11). [Listed.]<sup>10</sup>
- 1881 *Liburnia fairmairi* [sic] Mayr, Ber. Natur.-Med. Ver. Innsbruck 10: 87 (11). [Listed.]<sup>10</sup>
- 1882 *Liburnia neglecta* Cooke, Yorkshire Nat. [n. s.] 8: 71. [Listed.]<sup>5</sup>
- 1882 *Delphax fairmairei* Ferrari and Cavanna, Boll. Soc. Ent. Italiana 14: 370. [Listed.]<sup>12</sup>
- 1882 *Delphax fairmairei* Ferrari, Cicad. Agri Ligustici :93 (21). [Listed.]<sup>12</sup>
- 1882 *Delphax neglectus* Heller and Dalla Torre, Sitzber. Akad. Wiss. 86: 17. [Listed.]<sup>10</sup>
- 1882 *Liburnia neglecta* Norman, Ent. Monthly Mag. 18: 276. [Listed.]<sup>20</sup>
- 1882 *Delphax (Liburnia) neglecta* Dalla Torre, Ber. Natur.-Med. Ver. Innsbruck 12: 56. [Listed.]<sup>10</sup>
- 1883 *Liburnia extrusa* Bloomfield, Natural History of Hastings. First Suppl. 1883: 33. [Listed.]<sup>5</sup>
- 1884 *Delphax fairmairei* Mayr, Tabellen :21. [Listed.]<sup>7,10</sup>
- 1884 *Delphax neglecta* Mayr, Tabellen :21. [Listed.]<sup>7,8,9,10</sup>
- 1884 *Liburnia extrusa* Edwards, Trans. Nat. Soc. Norwich 3: 713. [Listed.]<sup>5</sup>
- 1885 *Liburnia neglecta* Edwards, Ent. Monthly Mag. 22: 67. [Listed.]
- 1885 *Delphax neglecta* Ivanoff, Liste des Cigales :89 (7). [Listed.] :116 (34). [Key.]
- 1886 *Liburnia fairmairei* Löw, Becker's Hernstein in Niederösterreich 3: 497. [Listed.]<sup>10</sup>
- 1886 *Delphax fairmairei* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>6</sup> Equals *Delphax neglecta* Flor. Equals *Delphax dispar* H.-S. [nec Fall.]
- 1886 *Delphax fairmairei* Then, Kat. Österreichischen Cicad. 1886: 16. [Listed.]<sup>9,10</sup> Equals *Delphax neglecta* Flor.
- 1886 *Liburnia fairmairei* Edwards, Syn. British Homop.-Cicadina Pt. 1: 85; Pl. II, Fig. 10. [Described, illustrated.]<sup>14</sup> Equals *Delphax fairmairei* Perris. Equals *Delphax*

- neglecta* Flor. Equals *Liburnia extrusa* Scott. Equals *Liburnia neglecta* Scott. :60. [Key.] :74. [Comparative note.] :56. Equals *Achorotile bivittata* Boh. (nymph.) [error.]
- 1886 *Delphax extrusa* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>14</sup>
- 1888 *Delphax fairmairei* Dubois, Mém. Soc. Linn. Nord France 7: 156 (60). [Listed.]<sup>1</sup>
- 1889 *Liburnia fairmairei* Edwards, Trans. Nat. Soc. Norwich 4: 710. Equals *Liburnia extrusa* Scott.
- 1890 *Liburnia fairmairei* Saunders and Edwards, Cat. British Hemiptera 1890: 12. [Listed.]<sup>14</sup> Equals *Liburnia neglecta* Flor. Equals *Liburnia extrusa* Scott.
- 1890 *Delphax fairmairei* Dominique, Ann. Soc. Acad. Loire-Inférieure 1890: 110 (26). [Listed.]<sup>1</sup>
- 1890 *Liburnia fairmairei* Buckton, Mon. British Cicadae 2: 56; Pl. xvi, Fig. 4. [Described, illustrated.]<sup>14</sup> Equals *Delphax fairmairei* Perris. Equals *Delphax neglecta* Flor. Equals *Liburnia neglecta* Scott. :44. [Comparative note.]
- 1890 *Liburnia fairmairei* Buckton, Mon. British Cicadae 3: 66. [Synopsis.] :75. [Comparative note.]
- 1890 *Delphax fairmairei* [sic] Funk, Ber. Nat. Ges. Bamberg 15: 140. [Listed.]<sup>7</sup>
- 1891 *Delphax fairmairei* Fokker, Cat. Nederland Hemip. :366. [Listed.]<sup>19</sup>
- 1892 *Delphax fairmairei* Spitzner, Verh. Naturf. Ver. Brünn 30: 27. [Listed.]<sup>9</sup>
- 1892 *Delphax fairmairei* Duda, Cat. Ins. Faunae Bohemicae :29. [Listed.]<sup>9</sup> Equals *Delphax neglecta* Flor. Equals *Delphax dispar* [nec Fall.]
- 1892 *Delphax fairmairei* Lethierry, Rev. Hémip. Belgique :22. [Listed.]<sup>13</sup>
- 1892 *Delphax fairmairei* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>13</sup>
- 1892 *Delphax fairmairei* Dominique, Bull. Soc. Sci. Nat. Ouest France 2: 116. [Listed.]<sup>1</sup>
- 1892 *Delphax fairmairei* Ferrari, Ann. Mus. Genova (2) 12: 570 (22). [Listed.]<sup>12</sup>
- 1892 *Liburnia fairmairei* Saunders, Ent. Monthly Mag. 28: 218. [Listed.]<sup>5</sup>
- 1893 *Delphax fairmairei* Bezzi, Bull. Soc. Ent. Italiana 25: 108 (28). [Listed.]<sup>12</sup>
- 1894 *Liburnia fairmairei* Edwards, Hemip.-Homop. British Islands Pt. 2: Pl. 7, Figs. 9, 9a. [Illustrated.] :37. [Key.]
- 1894 *Liburnia fairmairei* Edwards, Hemip.-Homop. British Islands Pt. 3: 65. [Described.]<sup>14</sup>
- 1894 *Delphax fairmairei* Fokker, Tijdschr. Ent. 37: 83. [Listed.]<sup>19</sup>
- 1894 *Delphax fairmairei* Rey, Échange 10: 14. [Listed.]
- 1895 *Delphax neglecta* Wüstnei, Schr. Nat. Ver. Schleswig-Holsteins. 10: 269. [Listed.]<sup>7</sup>
- 1896 *Liburnia fairmairei* Melichar, Cicad. Mittel-Europa :92; Pl. v, Figs. 54, 55. [Described, illustrated.]<sup>7,9,10</sup> Equals *Delphax neglecta* Flor. Equals *Delphax dispar* H.-S. :74. [Key.]
- 1899 *Delphax fairmairei* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>6</sup> Equals *Delphax neglecta* Flor. Equals *Delphax dispar* H.-S. Equals *Delphax extrusa* Scott.
- 1900 *Delphax fairmairei* Fokker, Tijdschr. Ent. 42: 14. [Listed.]<sup>7</sup>
- 1900 *Liburnia fairmairei* Lameere, Manuel Faune Belgique 2: 142. [Key, listed.]<sup>13</sup> Equals *Liburnia neglecta* Flor.
- 1901 *Delphax fairmairei* Lambertie, Act. Soc. Linn. Bordeaux 56: 218 (90). [Listed.]<sup>1</sup>
- 1902 *Liburnia fairmairei* Cobelli, Cicadine Trentino :10. [Listed.]<sup>12</sup>
- 1902 *Delphax fairmairei* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) 2: 223. [Listed.]<sup>1</sup>
- 1903 *Delphax fairmairei* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 63 (23). [Listed.]<sup>12</sup>
- 1904 *Delphax fairmairei* Hüeber, Syst. Verz. deutschen Zikaden :270. [Listed.]<sup>7</sup> Equals *Delphax neglecta* Flor. Equals *Delphax dispar* H.-S. [nec Fall.] Equals *Delphax extrusa* Scott.
- 1906 *Delphax fairmairei* Matsumura, Schr. Nat. Ges. Danzig 11: 76. [Listed.]<sup>7</sup>
- 1907 *Delphax fairmairei* Oshanin, Verz. Palaeark. Hemip. 2 (2): 327. [Listed.]<sup>1,2,4,7,8,10,11,12,14,15</sup> Equals *Delphax dispar* H.-S. [nec Fall.] Equals *Delphax neglecta* Flor. Equals *Liburnia extrusa* Scott. Equals *Liburnia neglecta* Scott. Equals *Liburnia fairmairei* Edw.

*Delphacodes*

- 1907 *Liburnia fairmairei* Bierman, Ent. Berichten 2: 114. [Listed.]  
 1907 *Delphax fairmairei* Oshanin, Cat. Homop. St. Pétersbourg 1907: 247 (35). [Listed.]<sup>4</sup>  
 Equals [*Delphax*] *neglecta* Flor.  
 1908 *Delphax fairmairei* Whittaker, Hemip.-Homop. Lanchashire and Cheshire :22.  
 [Listed.]<sup>5</sup> Equals [*Delphax*] *extrusa* Scott. Equals [*Delphax*] *neglecta* Flor.  
 1908 *Delphax fairmairei* Saunders and Edwards, Cat. British Hemiptera 1908: 15.  
 [Listed.]<sup>4</sup> Equals *Delphax neglecta* Flor. Equals *Delphax extrusa* Scott.  
 1908 *Delphax fairmairei* Oshanin, Verz. Palaeark. Hemip. 2 (3): 453. [Listed.]<sup>16</sup>  
 1910 *Delphax fairmairei* Lambertie, Misc. Ent. 18: 93. [Listed.]<sup>1</sup> Equals *Delphax ne-*  
*glecta* Flor. Equals *Delphax dispar* H.-S. [nec Fall.] Equals *Delphax extrusa* Scott.  
 1912 *Delphax fairmairei* Butler, Ent. Monthly Mag. 48: 189. [Listed.]<sup>18</sup>  
 1912 *Liburnia fairmairei* [sic] Dahl, Beitr. Nat. 3: 393. [Ecology.]  
 1912 *Liburnia fairmairei* Dahl, Beitr. Nat. 3: 436. [Key.]  
 1912 *Liburnia fairmairei* Licent, Rech. d'anat. Homop. 1912: 110, 116, 122, 124. [Mor-  
 phology of digestive tubes.]  
 1912 *Delphax fairmairei* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>6</sup> Equals *Delphax*  
*extrusa* Scott. Equals *Delphax dispar* H.-S. [nec Fall.] Equals *Delphax neglecta* Flor.  
 1913 *Liburnia fairmairei* [sic] Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]<sup>10</sup>  
 1915 *Liburnia fairmairei* Jensen-Haarup, Flora och Fauna 1915: 142. [Key.]  
 1916 *Liburnia fairmairei* Jensen-Haarup, Flora och Fauna 1916: 34. [Note.]<sup>17</sup>  
 1919 *Liburnia fairmairei* Lyle, Entomologist 52: 7. [Listed.]<sup>5</sup>  
 1920 *Liburnia fairmairei* Jensen-Haarup, Danmarks Fauna :59; Fig. 31 II. [Described,  
 illustrated.]<sup>6,17</sup> Equals *Liburnia neglecta* Flor. :49. [Key.]  
 1922 *Delphax fairmairei* Stichel, Int. Ent. Zeits. 16: 133. [Listed.]<sup>7</sup>  
 1924 *Delphacodes fairmairei* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 25.  
 [Comparative note.]<sup>6</sup>  
 1924 *Liburnia fairmairei* [sic] Lindberg, Acta Soc. Fauna Flora Fennica 56: 39, 46.  
 [Listed.]<sup>11</sup>  
 1925 *Delphax fairmairei* Brown, Ent. Monthly Mag. 61: 63. [Listed.]<sup>18</sup>  
 1926 *Delphax fairmairei* Rémy-Perrier, Homop. Faune France 4: 94. [Key.]<sup>1</sup>  
 1927 *Delphax fairmairei* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 143.  
 [Listed.]<sup>1</sup>  
 1928 *Delphax fairmairei* Filipieff, Guide to Insects :160. [Key.]  
 1930 *Delphax fairmairei* Britten, Check List Fauna Lanchashire and Cheshire 1: 74.  
 [Listed.]<sup>5</sup>  
 1933 *Delphax fairmairei* Pawlik, Ent. Rundsch. 50: 235 (2). [Listed.]  
 1934 *Liburnia fairmairei* Thornley, Trans. Soc. British Ent. 1: 83. [Listed.]<sup>5</sup>  
 1935 *Delphax fairmairei* Halbert, Proc. R. Irish Acad. 42 (Sect. B): 310. [Listed.]<sup>21</sup>  
 1936 *Liburnia fairmairei* Lindberg and Zachvatkin, Arkiv Zool. 29: 3, 18. [Listed.]<sup>3</sup>  
 1935 *Liburnia fairmairei* Haupt, Tierwelt Mitteleuropas 4 (3): 146; Fig. 273. [Key, illus-  
 trated.]  
 1935 *Liburnia fairmairei* Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 9. [Listed.]<sup>7</sup>  
 1937 *Liburnia fairmairei* Kuntze, Arch. Nat. [n. f.] 6: 307, 330, 333, 344, 350, 356. [Ecol-  
 ogy.]<sup>7</sup>  
 1939 *Delphacodes fairmairei* Hassan, Trans. Ent. Soc. London 89: 354. [Key.] :347, 348,  
 349, 350, 351, 353, 357; Figs. 3A-B, 10A-B. [Life history, illustrated.]<sup>5</sup> :346, 382.  
 [Listed.]<sup>5</sup>  
 1939 *Delphacodes fairmairei* Hassan, Trans. Ent. Soc. London 89: 373, 375, 377. [Para-  
 sites.]

*fairmairei* var. *signicollis* Rey

- 1894 *Delphax fairmairei signicollis* Rey, Échange 10: 14. [n. var.] France<sup>1</sup>  
 1910 *Delphax fairmairei signicollis* Oshanin, Ann. Mus. Zool. St. Petersburg 15: 186. [Listed.]<sup>1</sup>  
 1912 *Delphax fairmairei signicollis* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>1</sup>

**fallax** Muir

- 1926 *Delphacodes fallax* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 33; Brazil<sup>1</sup>  
Pl. 4, Figs. 95-98. [n. sp., illustrated.]

**fieberi** Scott

- 1870 *Liburnia fieberi* Scott, Ent. Monthly Mag. **7**: 70. [n. sp.]<sup>1</sup> :75. England<sup>1</sup>  
[Listed.]<sup>3</sup> :27. [Key.] Ireland<sup>2</sup>
- 1872 *Liburnia fieberi* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>1</sup> British Isles<sup>3</sup>
- 1875 *Delphax fieberi* Puton, Cat. Hémipt. d'Europe 2 Ed. :120. [Listed.]<sup>3</sup> Hungary<sup>4</sup>
- 1876 *Liburnia fieberi* Douglas and Scott, Cat. British Hemip. :68. Germany<sup>5</sup>  
[Listed.]<sup>3</sup> Austria<sup>6</sup>
- 1879 *Liburnia fieberi* Fieber, Cicad. d'Europe Pt. **4**: 97 (33). [Key.]<sup>1</sup> Wales<sup>7</sup>
- 1884 *Liburnia fieberi* Edwards, Trans. Nat. Soc. Norwich **3**: 713.  
[Listed.]<sup>1</sup>
- 1886 *Liburnia fieberi* Capron, Ent. Monthly Mag. **22**: 264. [Listed.]<sup>1</sup>
- 1886 *Delphax fieberi* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>3</sup>
- 1886 *Liburnia fieberi* Edwards, Syn. British Homop.-Cicadina Pt. **1**: 75; Pl. II, Fig. 16.  
[Described, illustrated.]<sup>3</sup> :59. [Key.]
- 1890 *Liburnia fieberi* Saunders and Edwards, Cat. British Hemiptera **1890**: 12. [Listed.]<sup>3</sup>
- 1890 *Liburnia fieberi* Buckton, Mon. British Cicadae **2**: 39; Pl. xii, Fig. 12. [Described,  
illustrated.]<sup>3</sup>
- 1890 *Liburnia fieberi* Buckton, Mon. British Cicadae **3**: 65, 66. [Synopsis.]
- 1894 *Liburnia fieberi* Edwards, Hemip.-Homop. British Islands Pt. **2**: 53. [Described.]<sup>3</sup>  
:35. [Key.]
- 1897 *Delphax fieberi* Horváth, Fauna Regni Hungariae :57. [Listed.]<sup>4</sup>
- 1899 *Delphax fieberi* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>2,5,6</sup>
- 1904 *Delphax fieberi* Hübner, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>5</sup>
- 1907 *Delphax fieberi* Oshanin, Verz. Palaeark. Hemip. **2** (2): 321. [Listed.]<sup>3,4</sup> Equals  
*Liburnia fieberi* Scott.
- 1908 *Megamelus fieberi* Saunders and Edwards, Cat. British Hemiptera **1908**: 14. [Listed.]<sup>3</sup>
- 1912 *Delphax fieberi* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>1,4</sup>
- 1912 *Megamelus fieberi* Butler, Ent. Monthly Mag. **48**: 189. [Listed.]<sup>7</sup>
- 1934 *Megamelus fieberi* Thornely, Trans. Soc. British Ent. **1**: 82. [Listed.]<sup>1</sup>
- 1935 *Megamelus fieberi* Halbert, Proc. R. Irish Acad. **42** (Sect. B): 310. [Listed.]<sup>2</sup>
- 1935 *Liburnia fieberi* Wagner, Verh. Ver. Naturw. Heimatforschung. **24**: 8. [Listed.]<sup>5</sup>
- 1937 *M[e]gamelus fieberi* Kuntze, Arch. Nat. [n. f.] **6**: 326, 330, 333, 354. [Ecology.]<sup>5</sup>
- 1938 *Megamelus fieberi* China, Ent. Monthly Mag. **74**: 243; fig. 5d. [Key, illustrated.]
- 1939 *Megamelus fieberi* Hassan, Trans. Ent. Soc. London **89**: 354. [Key.] :347, 358, 350,  
353, 357, 359; figs. 11A-B. [Life history, illustrated.]<sup>1</sup> :346, 382. [Listed.]<sup>1</sup>
- 1939 *M[e]gamelus fieberi* Hassan, Trans. Ent. Soc. London **89**: 377. [Parasites.]

*fimbriata* Rey (var.). See *Delphacodes striatella* var. *fimbriata* Rey.

**flava** nom. nov. for *Delphax flavescens* Ivanoff 1885 [nec *Delphax flavescens* Fabricius 1794.]

- 1885 *Delphax flavescens* Ivanoff, Liste des Cigales :114. (32) [n. Russian<sup>1</sup>  
sp., key.]<sup>1</sup> :89 (7). [Listed.]
- 1907 *Delphax flavescens* Oshanin, Verz. Palaeark. Hemip. **2** (2): 331. [Listed.]<sup>1</sup>
- 1912 *Delphax flavescens* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>1</sup>

*flavalis* Metcalf (var.). See *Delphacodes stali* var. *flavalis* Metcalf.

**flaveola** Flor

- 1861 *Delphax flaveola* Flor, Rhynch. Livlands **2**: 72. [n. sp.]<sup>1,2,3</sup> :36, 39. Estonia<sup>1</sup>  
[Key.] Austria<sup>2</sup>



*Delphacodes*

- 1866 *Delphax flaveola* Fieber, Verh. Zool. Bot. Ges. Wien 16: Pl. viii, Fig. 55. [Illustrated.] :529. [Comparative notes.] Italy<sup>3</sup>  
Finland<sup>4</sup>
- 1868 *Delphax flaveola* Sahlberg, Not. Fennica (n. s.) 9 (9): 217. Germany<sup>5</sup>  
[Notes.]<sup>1,4</sup> Sweden<sup>6</sup>
- 1868 *Delphax flaveola* Kirschbaum, Cicad. Wiesbaden :34. [Key.]<sup>5</sup> Scandinavia<sup>7</sup>
- 1868 *Delphax fulveola* Kirschbaum, Cicad. Wiesbaden :39. [n. sp.]<sup>5</sup> Russia<sup>8</sup>
- 1870 *Liburnia flaveola* Scott, Ent. Monthly Mag. 7: 75. [Listed.] England<sup>9</sup>
- 1871 *Liburnia flaveola* Sahlberg, Not. Fennica (n. s.) 9 (12): 459. [Described.]<sup>4</sup> France<sup>10</sup>  
Equals *Delphax flaveola* Flor. :58. [Listed.]<sup>4</sup> :489. Denmark<sup>11</sup>  
[Listed.]<sup>4</sup> :30, 37, 38. [Ecology.] Europe<sup>12</sup>
- 1871 *Liburnia flaveola* [sic] Sahlberg, Not. Fennica (n. s.) 9 (12): 424. Belgium<sup>13</sup>  
[Key.] Czechoslovakia<sup>14</sup>
- 1872 *Liburnia flaveola* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>1</sup> British Isles<sup>15</sup>
- 1872 *Liburnia fulveola* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>5</sup> Hungary<sup>16</sup>
- 1872 *Liburnia flaveola* Fieber, Verh. Zool. Bot. Ges. Wien 22: 29. Equals *Delphax flaveola* Flor.
- 1874 *Delphax flaveola* Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 83. [Listed.]<sup>5</sup>
- 1875 *Delphax flaveola* Puton, Cat. Hémip. d'Europe 2 Ed. :121. [Listed.]<sup>7,8</sup>
- 1875 *Delphax fulveola* Puton, Cat. Hémip. d'Europe 2 Ed. :121. [Listed.]<sup>2,5</sup>
- 1876 *Liburnia flaveola* Scott, Ent. Monthly Mag. 13: 130. [Described.]<sup>9</sup> Equals *Delphax flaveola* Flor.
- 1878 *Delphax flaveola* Lethierry, Compt. Rend. Soc. Ent. Belgique 21: lxxvii. [Listed.]<sup>13</sup>
- 1879 *Liburnia flaveola* Fieber, Cicad. d'Europe Pt. 4: 125 (61). [Key.]<sup>1,2,10</sup> Equals *Delphax flaveola* Flor. :139 (75). [Key.]
- 1881 *Liburnia flaveola* Scott, Ent. Monthly Mag. 18: 104. [Comparative note.]
- 1882 *Delphax flaveola* Ferrari, Cicad. Agri. Ligustici :93 (21). [Listed.]<sup>3</sup> Equals *Liburnia flaveola* Flor.
- 1884 *Delphax flaveola* Mayr, Tabellen :21. [Listed.]<sup>2,5</sup>
- 1884 *Delphax fulveola* Mayr, Tabellen :21. [Listed.]
- 1885 *Delphax flaveola* Puton, Rev. Ent. 4: 138. Equals *Delphax fulveola* Kirschb.
- 1886 *Delphax flaveola* Then, Kat. Österreichischen Cicad. 1886: 16. [Listed.]<sup>2</sup>
- 1886 *Liburnia flaveola* Edwards, Syn. British Homop.-Cicadina Pt. 1: 87. [Described.]<sup>15</sup>  
Equals *Delphax flaveola* Flor. :61. [Key.]
- 1886 *Delphax flaveola* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>12</sup> Equals *Delphax fulveola* Kirschbaum.
- 1890 *Liburnia flaveola* Saunders and Edwards, Cat. British Hemiptera 1890: 12. [Listed.]<sup>15</sup>
- 1890 *Liburnia flaviola* [sic] Buckton, Mon. British Cicadae 2: 62; Pl. xviii, Figs. 1, 1a, 1b. [Described, illustrated.]<sup>15</sup> Equals *Delphax flaveola* Flor.
- 1890 *Liburnia flavida* [sic] Buckton, Mon. British Cicadae 3: 65. [Synopsis.]
- 1890 *Liburnia flaveola* Buckton, Mon. British Cicadae 3: 65. [Synopsis.]
- 1890 *Liburnia flaviola* [sic] Buckton, Mon. British Cicadae 3: 66. [Synopsis.]
- 1892 *Delphax flaveola* Lethierry, Rev. Hémip. Belgique :22. [Listed.]<sup>13</sup>
- 1892 *Delphax flaveola* Ferrari, Ann. Mus. Genova (2) 12: 570 (22). [Listed.]<sup>3</sup>
- 1892 *Delphax flaveola* Duda, Cat. Ins. Faunae Bohemicae :29. [Listed.]<sup>14</sup> Equals *Delphax fulveola* Kirschb.
- 1894 *Liburnia flaveola* Edwards, Hemip.-Homop. British Islands Pt. 2: Pl. 8 Fig. 2a. [Illustrated.] :37. [Key.]
- 1894 *Liburnia flaveola* Edwards, Hemip.-Homop. British Islands Pt. 3: 67. [Described.]<sup>15</sup>
- 1896 *Liburnia flaveola* Melichar, Cicad. Mittel-Europa :93; Pl. v, Fig. 58. [Described, illustrated.]<sup>2,5</sup> Equals *Delphax fulveola* Kirschb. :74. [Key.]
- 1897 *Delphax flaveola* Horváth, Fauna Regni Hungariae: 57. [Listed.]<sup>16</sup>
- 1899 *Delphax flaveola* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>12</sup>  
Equals *Delphax fulveola* Kirschb.
- 1900 *Liburnia flaveola* Strobl, Mitt. Natur. Ver. Steiermark 36: 206. [Listed.]<sup>2</sup>
- 1901 *Delphax flaveola* Horváth, Zool. Erg. Zichy :256. [Listed.]<sup>8</sup>
- 1903 *Delphax flaveola* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 63 (23). [Listed.]<sup>3</sup>

- 1904 *Delphax flaveola* Hüeber, Syst. Verz. deutschen Zikadinen :270. [Listed.]<sup>5</sup> Equals *Delphax fulveola* Kirschb.
- 1906 *Delphax flaveola* Matsumura, Schr. Nat. Ges. Danzig 11: 76. [Listed.]<sup>6</sup> Equals *Delphax fulveola* Kirschb.
- 1907 *Delphax flaveola* Oshanin, Verz. Palaeark. Hemip. 2 (2): 328. [Listed.]<sup>1,2,3,4,5,6,8,10,15,16</sup> Equals *Delphax fulveola* Kirschb. Equals *Liburnia flaveola* Sahlb.
- 1908 *Delphax flaveola* Saunders and Edwards, Cat. British Hemiptera 1908: 15. [Listed.]<sup>15</sup>
- 1912 *Liburnia flaveola* Dahl, Beitr. Nat. 3: 354. 372. [Ecology.] :437. [Key.]
- 1912 *Delphax flaveola* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>12</sup> Equals *Delphax fulveola* Kirschb.
- 1915 *Liburnia flaveola* Jensen-Haarup, Flora och Fauna 1915: 139. [Key.]
- 1915 *Liburnia flaveola* Jacobsen, Ent. Medd. 10: 320 [Listed.]<sup>11</sup>
- 1916 *Liburnia flaveola* Jensen-Haarup, Flora och Fauna 1916: 34. [Described.]<sup>11</sup>
- 1920 *Liburnia flaveola* Jensen-Haarup, Danmarks Fauna :59. [Described.]<sup>11,12</sup> :49. [Key.]
- 1924 *Liburnia flaveola* Lindberg, Acta Soc. Fauna Flora Fennica 56: 46. [Listed.]<sup>4</sup>
- 1929 *Liburnia flaveola* China, Ent. Monthly Mag. 65: 251. [Listed.]<sup>15</sup>
- 1935 *Liburnia flaveola* Haupt, Tierwelt Mitteleuropas 4 (3): 146; Fig. 272. [Key, illustrated.]
- 1937 *Liburnia flaveola* Kuntze, Arch. Nat. (n. f.) 6: 349, 350, 356. [Ecology.]<sup>5</sup>
- 1937 *Delphax flaveola* Lindberg, Not. Ent. 17: 28. [Notes.]
- 1939 *Liburnia flaveola* Lindberg, Acta. Zool. Fennica 22: 84. [Parasites.]
- 1939 [*Liburnia*] *flaveola* Lindberg, Acta Zool. Fennica 22: 156, 158, 161. [Effects of parasitism.]

**flaveola** var. **dorsoinfuscata** nom. nov. for *Liburnia flaveola* var. *b* Sahlberg

- 1871 *Liburnia flaveola* var. *b* Sahlberg, Not. Fennica (n. s.) 9 (12): 460. Finland<sup>1</sup>  
[n. var.]<sup>1</sup>

**flaviceps** Fieber

- 1866 *Delphax flaviceps* Fieber, Verh. Zool. Bot. Ges. Wien 16: 527; Pl. Switzerland<sup>1</sup>  
viii, Fig. 44. [n. sp., illustrated.]<sup>1</sup> :532. [Listed.] Germany<sup>2</sup>
- 1870 *Liburnia flaviceps* Scott, Ent. Monthly Mag. 7: 75. Yugoslavia<sup>3</sup>
- 1872 *Liburnia flaviceps* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>1</sup> Italy<sup>4</sup>
- 1875 *Delphax flaviceps* Puton, Cat. Hémip. d'Europe 2 Ed. :120. [Listed.]<sup>1</sup>
- 1879 *Liburnia flaviceps* Fieber, Cicad. d'Europe Pt. 4: 110 (46). [Described.]<sup>1</sup> Equals *Delphax flaviceps* Fieb.
- 1884 *Delphax flaviceps* Mayr, Tabellen :21. [Listed.]<sup>1</sup>
- 1886 *Delphax flaviceps* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>1</sup>
- 1899 *Liburnia flaviceps* Melichar, Ent. Jahrb. 1899: 139 (2). [Listed.]<sup>3</sup>
- 1899 *Delphax flaviceps* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>1</sup>
- 1904 *Delphax flaviceps* Hüeber, Syst. Verz. deutschen Zikadinen :270. [Listed.]<sup>2</sup>
- 1907 *Delphax flaviceps* Oshanin, Verz. Palaeark. Hemip. 2 (2): 324. [Listed.]<sup>1</sup> Equals *Liburnia flaviceps* Fieb.
- 1912 *Delphax flaviceps* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>1</sup>
- 1935 *Liburnia flaviceps* Haupt, Tierwelt Mitteleuropas 4 (3): 145; Fig. 265. [Key, illustrated.]

**flavida** Melichar

- 1903 *Liburnia flavida* Melichar, Homop.-Fauna Ceylon :103. [n. sp., comparative note.]<sup>1</sup> Ceylon<sup>1</sup>  
:225. [Listed.]<sup>1</sup>
- 1903 [*Liburnia*] *flavida* Melichar, Homop.-Fauna Ceylon. 1903: 103. [Comparative note.]
- 1906 *Liburnia flavida* Distant, Fauna British India 3: 487. [Described.]<sup>1</sup>

**flavipennis** Sahlberg

- 1871 *Liburnia flavipennis* Sahlberg, Not. Fennica (n. s.) 9 (12): 438. Finland<sup>1</sup>  
[n. sp.]<sup>1</sup> :424. [Key.] :56. [Listed.]<sup>1</sup> :30. [Ecology.] Scandinavia<sup>2</sup>

*Delphacodes*

- 1875 *Delphax flavipennis* Puton, Cat. Hémipt. d'Europe 2 Ed. :119. Russia<sup>3</sup>  
[Listed.]<sup>2</sup>
- 1886 *Delphax flavipennis* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>2</sup>
- 1899 *Delphax flavipennis* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :107. [Listed.]<sup>1,2</sup>
- 1907 *Delphax flavipennis* Oshanin, Verz. Palaeark. Hemip. 2 (2): 314. [Listed.]<sup>3</sup> Equals  
*Liburnia flavipennis* Sahlb.
- 1912 *Delphax flavipennis* Oshanin, Kat. Paläarkt. Hemip. :119. [Listed.]<sup>3</sup>
- 1924 *Liburnia flavipennis* Lindberg, Acta Soc. Fauna Flora Fennica 56: 46. [Listed.]<sup>1</sup>
- 1937 *Liburnia flavipennis* Lindberg, Not. Ent. 17: 61. To *Liburnia pellucida* Fabr.  
[error.]

*flavotestacea* Metcalf (var.). See *Delphacodes pellucida* var. *flavotestacea* Metcalf.

**floridae** Muir and Giffard

- 1924 *Delphacodes floridae* Muir and Giffard, Bull. Hawaiian Sugar Pl. Florida<sup>1</sup>  
Assoc. 15: 33; Pl. 6, Fig. 120. [n. sp., illustrated.]<sup>1,2</sup> Equals Jamaica<sup>2</sup>  
*Liburnia seminigra* Van Duz. (nec Stål).

**forcipata** Boheman

- 1847 *Delphax forcipata* Boheman, Handl. Svenska Vet. Akad. 1847: 57. Sweden<sup>1</sup>  
[n. sp.]<sup>1</sup> Estonia<sup>2</sup>
- 1850 *Delphax forcipata* Schaum, Allg. Encykl. Ersch und Gruber 51: Germany<sup>3</sup>  
69. [Listed.]<sup>1</sup> Finland<sup>4</sup>
- 1851 *Delphax forcipata* Walker, List Homop. British Mus. 2: 358. Russia<sup>5</sup>  
[Listed.]<sup>1</sup> Europe<sup>6</sup>
- 1852 *Delphax forcipata* Boheman, Handl. Svenska Vet. Akad. 1851: France<sup>7</sup>  
118. [Listed.]<sup>1</sup> Ireland<sup>8</sup>
- 1854 *Delphax forcipata* Stål, Öfv. Svenska Vet. Akad. Förh. 11: 195. England<sup>9</sup>  
[Described.]<sup>1</sup> Austria<sup>10</sup>
- 1859 *Delphax forcipata* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup> Czechoslovakia<sup>11</sup>
- 1861 *Delphax forcipata* Flor, Rhynch. Livlands 2: 60. [Described.]<sup>1,2</sup> Belgium<sup>12</sup>  
:35, 40. [Key.] British Isles<sup>13</sup>
- 1866 *Delphax forcipata* Fieber, Verh. Zool. Bot. Ges. Wien 16: Pl. viii, Hungary<sup>14</sup>  
Fig. 33. [Illustrated.] Romania<sup>15</sup>
- 1867 *Delphax forcipata* Boheman, Öfv. Svenska Vet. Akad. Förh. 24: Central  
624. [Listed.]<sup>1</sup> Europe<sup>16</sup>
- 1868 *Delphax forcipata* Kirschbaum, Cicad. Wiesbaden :37. [Key.]<sup>3</sup> Denmark<sup>17</sup>
- 1868 *Delphax forcipata* Sahlberg, Not. Fennica (n. s.) 9 (9): 217. Netherlands<sup>18</sup>  
[Notes.]<sup>2,4</sup> :188. [Listed.]<sup>4</sup> Scandinavia<sup>19</sup>
- 1870 *Liburnia forcipata* Scott, Ent. Monthly Mag. 7: 27; Fig. 1. [Illus- Poland<sup>20</sup>  
trated, key.] :28. [Comparative note.] Scotland<sup>21</sup>
- 1870 *Achorotile forcipata* Oshanin, Mém. Soc. Amis Sci. Nat. Moscou 6: Wales<sup>22</sup>  
48. [Listed.]<sup>5</sup>
- 1871 *Achorotile forcipata* Oshanin, Bull. Imp. Soc. Nat. Hist. Imp. Univ. Moscou 6 (3):  
31. [Listed.]<sup>5</sup>
- 1871 *Liburnia forcipata* Sahlberg, Not. Fennica (n. s.) 9 (12): 461. [Described.]<sup>1,4</sup> Equals  
*Delphax forcipata* Boh. :424. [Key.] :58. [Listed.]<sup>1,4</sup> :489. [Listed.]<sup>4</sup> :34. [Ecology.]
- 1872 *Liburnia forcipata* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>6</sup>
- 1872 *Liburnia forcipata* Fieber, Verh. Zool. Bot. Ges. Wien 22: 33. Equals *Delphax hemip-  
tera* Germar [in part.]
- 1874 *Delphax forcipata* Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 84.  
[Listed.]<sup>5</sup>
- 1874 *Liburnia forcipata* Lethierry, Cat. Hémipt. Dept. du Nord Second Ed. :258 (54).  
[Listed.]<sup>7</sup>
- 1875 *Delphax forcipata* Puton, Cat. Hémipt. d'Europe 2 Ed. :120. [Listed.]<sup>6</sup>
- 1876 *Liburnia forcipata* Douglas and Scott, Cat. British Hemip. :68. [Listed.]<sup>13</sup> Equals  
*Delphax forcipata* Boh.
- 1878 *Delphax forcipata* Reiber, Bull. Soc. Hist. Nat. Colmar 18: 70, 75. [Listed.]<sup>7</sup>

- 1879 *Liburnia forcipata* Fieber, Cicad. d'Europe Pt. 4: 90 (26). [Key.]<sup>1,6</sup> Equals *Delphax forcipata* Boh. :136. (72). [Key.]
- 1879 *Liburnia forcipata* Norman, Ent. Monthly Mag. 15: 255. [Listed.]<sup>21</sup>
- 1880 *Delphax forcipata* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 55. [Listed.]<sup>7</sup>
- 1882 *Liburnia forcipata* Norman, Ent. Monthly Mag. 18: 276. [Listed.]<sup>9</sup>
- 1884 *Liburnia forcipata* Edwards, Trans. Nat. Soc. Norwich 3: 713. [Listed.]<sup>9</sup>
- 1884 *Delphax forcipata* Mayr, Tabellen :21. [Listed.]<sup>3,6,7</sup>
- 1885 *Liburnia forcipata* Edwards, Ent. Monthly Mag. 22: 67. [Note on nymph.]
- 1886 *Delphax forcipata* Then, Kat. Österreichischen Cicad. 1886: 15. [Listed.]<sup>6,10</sup>
- 1886 *Delphax forcipata* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>6</sup>
- 1886 *Liburnia forcipata* Edwards, Syn. British Homop.-Cicadina Pt. 1: 81. [Described.]<sup>13</sup> Equals *Delphax forcipata* Boh. :60. [Key.]
- 1889 *Liburnia forcipata* Edwards, Trans. Nat. Soc. Norwich 4: 710. [Listed.]<sup>9</sup>
- 1890 *Delphax forcipata* Dominique, Ann. Soc. Acad. Loire-Inférieure 1890: 110 (26). [Listed.]<sup>7</sup>
- 1890 *Liburnia forcipata* Buckton, Mon. British Cicadae 2: 54; Pl. xv, Figs. 13, 14 [Described, illustrated.]<sup>6,13</sup> Equals *Delphax forcipata* Boh. :47. 57. [Comparative note.]
- 1890 *Liburnia forcipata* Buckton, Mon. British Cicadae 3: 65, 66. [Synopsis.] :75. [Comparative note.]
- 1890 *Liburnia forcipata* Saunders and Edwards, Cat. British Hemiptera 1890: 12. [Listed.]<sup>13</sup>
- 1892 *Delphax forcipata* Carpentier and Dubois, Mém. Soc. Linn. Nord France 8: 433. [Listed.]<sup>7</sup>
- 1892 *Delphax forcipata* Duda, Cat. Ins. Faunae Bohemicae :29. [Listed.]<sup>11</sup>
- 1892 *Delphax forcipata* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>12</sup>
- 1892 *Delphax forcipata* Dominique, Bull. Soc. Sci. Nat. Ouest France 2: 116. [Listed.]<sup>7</sup>
- 1894 *Liburnia forcipata* Edwards, Hemip.-Homop. British Islands Pt. 2: 61; Pl. 7, Fig. 2. [Described, illustrated.]<sup>13</sup> :36. [Key.]
- 1895 *Delphax forcipata* Wüstnei, Schr. Nat. Ver. Schleswig-Holsteins. 10: 269. [Listed.]<sup>3</sup>
- 1896 *Liburnia forcipata* Melichar, Cicad. Mittel-Europa :83; Pl. v, Figs. 12, 13, 18. [Described, illustrated.]<sup>3,6,10</sup> :72. [Key.]
- 1897 *Delphax forcipata* Horváth, Fauna Regni Hungariae :56. [Listed.]<sup>14</sup>
- 1898 *Delphax forcipata* Dubois, Mém. Soc. Linn. Nord France 9: 235. [Listed.]<sup>7</sup>
- 1899 *Delphax forcipata* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>9</sup>
- 1901 *Delphax forcipata* Lambertie, Act. Soc. Linn. Bordeaux 56: 217 (89). [Listed.]<sup>7</sup>
- 1901 *Liburnia forcipata* Schouteden, Ann. Soc. Ent. Belgique 45: 269. [Listed.]<sup>12</sup>
- 1902 *Delphax forcipata* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) 2: 223. [Listed.]<sup>7</sup>
- 1904 *Delphax forcipata* Hüeber, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>3</sup>
- 1906 *Delphax forcipata* Matsumura, Schr. Nat. Ges. Danzig 11: 76. [Listed.]<sup>3</sup>
- 1907 *Delphax forcipata* Oshanin, Verz. Palaeark. Hemip. 2 (2): 320. [Listed.]<sup>1,3,4,5,7,10,13,14,15</sup> Equals *Liburnia forcipata* Sahlb.
- 1907 *Delphax forcipata* Oshanin, Cat. Homop. St. Pétersbourg 1907: 246 (34). [Listed.]<sup>5</sup>
- 1908 *Delphax forcipata* Saunders and Edwards, Cat. British Hemiptera 1908: 15. [Listed.]<sup>13</sup>
- 1910 *Delphax forcipata* Lambertie, Misc. Ent. 18: 93. [Listed.]<sup>7</sup>
- 1912 *Liburnia forcipata* Dahl, Beitr. Nat. 3: 354, 363, 372, 384, 393. [Ecology.] :436. [Key.]
- 1912 *Delphax forcipata* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>16</sup>
- 1912 *Delphax forcipata* Butler, Ent. Monthly Mag. 48: 189. [Listed.]<sup>22</sup>
- 1915 *Liburnia forcipata* Jensen-Haarup, Flora och Fauna 1915: 138. [Key.]
- 1915 *Liburnia forcipata* Jacobsen, Ent. Medd. 10: 319. [Listed.]<sup>17</sup>
- 1916 *Liburnia forcipata* Jensen-Haarup, Flora och Fauna 1916: 33. [Described.]<sup>17</sup>
- 1917 *Delphax forcipata* Haupt, Wien. Ent. Zeit. 36: 254. [Listed.]<sup>1</sup>
- 1920 *Delphax forcipata* Tullgren and Wahlgren, Svenska Insekter 1920: 152. [Notes.]<sup>1</sup>
- 1920 *Liburnia forcipata* Jensen-Haarup, Danmarks Fauna :55; Fig. 24. [Described, illustrated.]<sup>6,17,19</sup> :47. [Key.]
- 1922 *Liburnia forcipata* MacGillivray, Ent. Berichten 6: 68. [Listed.]<sup>18</sup>
- 1924 *Delphax forcipata* Haupt, Konowia 3: 299. [Comparative note.]



*Delphacodes*

- 1924 *Liburnia forcipata* Lindberg, Acta. Soc. Fauna Flora Fennica 56: 46. [Listed.]<sup>4</sup>  
 1926 *Delphax forcipata* Sherborn, Index Animalium 10: 2480. [Listed.]  
 1926 *Delphax forcipatus* Blöte, De Levende Natuur. 4: 113. [Listed.]<sup>18</sup>  
 1927 *Liburnia forcipata* Ogloblin, Acta Ent. Mus. Prague 4: 140. [Parasites.]<sup>11</sup> Equals *Delphax forcipata* Boh.  
 1927 *Delphax forcipata* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 144. [Listed.]<sup>7</sup>  
 1928 *Delphax forcipata* Ivanov, Mém. Acad. Sci. Ukraine 6: 198. [Listed.]<sup>8</sup>  
 1928 *Delphax forcipata* Ivanov, Trav. Mus. Zool. 1928: 502. [Listed.]<sup>6</sup>  
 1928 *Delphax forcipata* Ivanov, Rev. Russe d'Ent. 22: 57; Fig. 6. [Morphology of reproductive system, illustrated.]  
 1934 *Delphax forcipata* Ossiannilsson, Ent. Tidskr. 55: 139. [Listed.]<sup>1</sup>  
 1935 *Delphax forcipata* Halbert, Proc. R. Irish Acad. 42 (Sect. B): 310. [Listed.]<sup>8</sup>  
 1935 *Liburnia forcipata* Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 8. [Listed.]<sup>3</sup>  
 1935 *Liburnia forcipata* Karl, Dohrniana. 14: 140. [Listed.]<sup>3</sup>  
 1935 *Liburnia forcipata* Haupt, Tierwelt Mitteleuropas 4 (3): 142; Fig. 247. [Key, illustrated.]  
 1937 *Liburnia forcipata* Kuntze, Arch. Nat. (n. f.) 6: 341, 350, 355. [Ecology.]<sup>3</sup>  
 1938 *Liburnia forcipata* Nast, Fragm. Faun. Mus. Zool. Polonici 3: 233 (9). [Listed.]<sup>20</sup>  
 1939 *Liburnia forcipata* Hassan, Trans. Ent. Soc. London 89: 363. [Parasites.]<sup>20</sup>  
 1939 *Liburnia forcipata* Lindberg, Acta Zool. Fennica 22: 156, 158-159, 161; Figs. 57a-e. [Effects of parasitism, illustrated.] :84. [Parasites.]

**forcipata** var. **angustata** nom. nov. for *Liburnia forcipata* var. *c* Sahlberg

- 1871 *Liburnia forcipata* var. *c* Sahlberg, Not. Fennica (n. s.) 9 (12): 462. Finland<sup>1</sup>  
 [n. var.]<sup>1</sup>

**forcipata** var. **dorsigera** nom. nov. for *Liburnia forcipata* var. *b* Sahlberg

- 1871 *Liburnia forcipata* var. *b* Sahlberg, Not. Fennica (n. s.) 9 (12): Finland<sup>1</sup>  
 462. [n. var.]<sup>1</sup>

**forcipata** var. **rufescens** nom. nov. for *Liburnia forcipata* var. *d* Sahlberg

- 1871 *Liburnia forcipata* var. *d* Sahlberg, Not. Fennica (n. s.) 9 (12): 462. Finland<sup>1</sup>  
 [n. var.]<sup>1</sup>

**foveata** Van Duzee

- 1894 *Liburnia foveata* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 192. New York<sup>1</sup>  
 [Listed.]<sup>1</sup> [nom. nud.] Ontario<sup>2</sup>  
 1897 *Liburnia foveata* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 257. New Jersey<sup>3</sup>  
 [n. sp.]<sup>1,2</sup> Florida<sup>4</sup>  
 1904 *Liburnia foveata* Swezey, Prelim. Cat. Fulgoridae North America Eastern States<sup>6</sup>  
 1904: 41. [Listed.]<sup>1,2</sup> Ohio<sup>6</sup>  
 1909 *Liburnia foveata* Fletcher and Gibson, Ann. Rept. Ent. Soc. Ontario 39: 112. [Listed.]<sup>2</sup>  
 1910 *Liburnia foveata* Smith, Rept. Ins. New Jersey 1910: 98. [Listed.]<sup>3</sup>  
 1914 *Megamelus foveatus* Crawford, Mon. Delphacidae :629. [Listed.]<sup>1,2</sup> Equals *Liburnia foveata* Van Duz. :607. [Key.]  
 1914 *Liburnia foveata* Barber, Bull. American Mus. Nat. Hist. 33: 529. [Listed.]<sup>4</sup>  
 1916 *Liburnia foveata* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>6</sup>  
 1917 *Liburnia foveata* Van Duzee, Cat. Hemip. America :777. [Listed.]<sup>1,3</sup>  
 1921 *Liburnia foveata* Osborn, Florida Ent. 5: 19. [Listed.]<sup>4</sup>  
 1923 *Liburnia foveata* Metcalf, Jour. Elisha Mitchell Soc. 38: 172; Pl. 70, Fig. 690. [Key, illustrated.]  
 1923 *Liburnia foveata* Van Duzee, Fulgoridae Hemip. Connecticut :54. [Notes.]<sup>1</sup> :53. [Key.]

- 1924 *Delphacodes foveata* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 22; Pl. 5, Figs. 83, 84. [Described, illustrated.]<sup>1,2</sup> Equals *Liburnia foveata* Van Duz. :19. [Comparative note.]  
 1928 *Delphacodes foveata* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. **101**: 182. [Listed.]<sup>1</sup>  
 1938 *Delphacodes foveata* Osborn, Bull. Ohio Biol. Surv. **6**: 338. [Key.] :339; Figs. 35c, 39. [Described, illustrated.]<sup>6</sup>

**foveata** var. **subfoveata** Muir and Giffard

- 1924 *Delphacodes foveata subfoveata* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 22; Pl. 5, Figs. 88, 89, 92. [n. subsp., illustrated.]<sup>1</sup> Mexico<sup>1</sup>

**frontalis** Kirschbaum

- 1868 *Delphax frontalis* Kirschbaum, Cicad. Wiesbaden :38. [n. sp.]<sup>1</sup> Germany<sup>1</sup>  
 1872 *Liburnia frontalis* Fieber, Kat. Europäischen Cicad. :5. [Listed.]<sup>1</sup> Austria<sup>2</sup>  
 1875 *Delphax frontalis* Puton, Cat. Hémip. d'Europe 2 Ed. :119. [Listed.]<sup>1,2</sup> Poland<sup>3</sup>  
 1879 *Liburnia frontalis* Fieber, Cicad. d'Europe Pt. **4**: 76 (12). [Key.]<sup>1</sup> Equals *Delphax frontalis* Kirschb. :136 (72). [Key.] Ceylon<sup>4</sup>  
 1884 *Delphax frontalis* Mayr, Tabellen :21. [Listed.]<sup>1</sup>  
 1886 *Delphax frontalis* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>1,2</sup>  
 1896 *Liburnia frontalis* Melichar, Cicad. Mittel-Europa :78. [Described.]<sup>1</sup> :71. [Key.]  
 1899 *Delphax frontalis* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>1,2</sup>  
 1903 *Liburnia frontalis* Melichar, Homop.-Fauna Ceylon. **1903**: 225. [Listed.]<sup>4</sup>  
 1904 *Delphax frontalis* Hübner, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>1</sup>  
 1907 *Delphax frontalis* Oshanin, Verz. Palaeark. Hemip. **2** (2): 317. [Listed.]<sup>1</sup> Equals *Liburnia frontalis* Fieb.  
 1912 *Delphax frontalis* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>1</sup>  
 1912 *Delphax frontalis* Haupt, Berliner Ent. Zeit. **56**: 193. To *Delphax albocarinata* Stål [error.]  
 1915 *Liburnia frontalis* Jensen-Haarup, Flora och Fauna **1915**: 142. [Key.]  
 1933 *Liburnia frontalis* Kéler, Prace Wyzd. Chorób Róslin Państw. Inst. Nauk. Gosp. Wiejsk. Bydgoszczy **13**: 139. [Listed.]<sup>3</sup>  
 1935 *Liburnia frontalis* Haupt, Tierwelt Mitteleuropas **4** (3): 143; Fig. 255. [Key, illustrated.] Equals [*Liburnia*] *albocarinata* var. *intermedia* Sahlb. [error.]  
 1937 *Liburnia frontalis* Lindberg, Not. Ent. **17**: 61. [Notes.]<sup>1</sup>  
 1938 *Liburnia frontalis* Nast, Fragm. Faun. Mus. Zool. Polonici **3**: 233 (9). [Listed.]<sup>3</sup>

**fulvidorsum** Metcalf

- 1923 *Liburnia fulvidorsum* Metcalf, Jour. Elisha Mitchell Soc. **38**: 210; Pl. 40, Fig. 31; Pl. 70, Fig. 705. [n. sp., illustrated.]<sup>1</sup> :172. [Key.] :150. [Listed.]<sup>1</sup> Texas<sup>1</sup>  
 1927 *Delphacodes fulvidorsum* Frison, Bull. Illinois Nat. Hist. Surv. **16**: 153. [Listed.]<sup>1</sup> Equals *Liburnia fulvidorsum* Metc.

**fumipennis** Fieber

- 1866 *Delphax fumipennis* Fieber, Verh. Zool. Bot. Ges. Wien **16**: 527; Pl. viii, Fig. 37. [n. sp., illustrated.]<sup>1</sup> :532. [Listed.]<sup>1</sup> France<sup>1</sup>  
 1872 *Liburnia fumipennis* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>1</sup> Germany<sup>2</sup>  
 1875 *Delphax fumipennis* Puton, Cat. Hémip. d'Europe 2 Ed. :120. [Listed.]<sup>1</sup> Greece<sup>3</sup>  
 1879 *Liburnia fumipennis* Fieber, Cicad. d'Europe Pt. **4**: 102 (38). [Key.]<sup>1,3</sup> Equals *Delphax fumipennis* Fieb. Ceylon<sup>4</sup>  
 1884 *Delphax fumipennis* Mayr, Tabellen :21. [Listed.]<sup>2</sup>

*Delphacodes*

- 1886 *Delphax fumipennis* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>1,2</sup>  
 1899 *Delphax fumipennis* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>1,3</sup>  
 1903 *Liburnia fumipennis* Melichar, Homop.-Fauna Ceylon. 1903: 225. [Listed.]<sup>4</sup>  
 1907 *Delphax fumipennis* Oshanin, Verz. Palaeark. Hemipt. 2 (2): 322. [Listed.]<sup>1,3</sup> Equals  
*Liburnia fumipennis* Fieb.  
 1908 *Delphax fumipennis* Lambertie, Bull. Soc. Ent. France 1908: 90. [Listed.]<sup>1</sup>  
 1908 *Delphax fumipennis* Lambertie, Act. Soc. Linn. Bordeaux 62: xcvi (3). [Described.]<sup>1,3</sup>  
 1909 *Delphax fumipennis* Lambertie, Proc. Verb. Soc. Linn. Bordeaux 63: cxvi. [Listed.]<sup>1</sup>  
 1910 *Delphax fumipennis* Matsumura, Jour. Coll. Sci. Tokyo 27: 33. [Comparative note.]  
 1910 *Delphax fumipennis* Lambertie, Misc. Ent. 18: 93. [Listed.]<sup>1</sup>  
 1912 *Delphax fumipennis* Oshanin, Kat. Paläark. Hemipt. :119. [Listed.]<sup>1,3</sup>

*furcata* Provancher

- 1872 *Delphax furcata* Provancher, Nat. Canadien 4: 320. [n. sp.]<sup>1</sup> Canada<sup>1</sup>  
 1883 *Delphax furcata* Brodie and White, Check List Ins. Canada: 59. Northern States<sup>2</sup>  
 [Listed.]<sup>1</sup> New York<sup>3</sup>  
 1889 *Delphax furcata* Provancher, Petite Faune Ent. Canada 3: 225. New Hampshire<sup>4</sup>  
 [Described.]<sup>6</sup> :224. [Key.] Ontario<sup>5</sup>  
 1894 *Liburnia furcata* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 191. Quebec<sup>6</sup>  
 [Listed.]<sup>3</sup>  
 1897 *Liburnia furcata* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 248. [Notes.]<sup>3</sup> Equals  
*Delphax furcata* Prov.  
 1904 *Liburnia furcata* Sweeney, Prelim. Cat. Fulgoridae North America 1904: 39.  
 [Listed.]<sup>1,3,4</sup> Equals *Delphax furcata* Prov.  
 1906 *Delphax furcata* Van Duzee, Canadian Ent. 38: 408. [Notes.]<sup>5</sup>  
 1907 *Liburnia furcata* Moore, Canadian Ent. 39: 189. [Listed.]<sup>6</sup>  
 1912 *Liburnia furcata* Van Duzee, Canadian Ent. 44: 325. Equals *Delphax furcata* Prov.  
 1914 *Liburnia furcata* Crawford, Mon. Delphacidae :615. To *Megamelus pellucidus* Fabr.  
 [error.]  
 1916 *Liburnia furcata* Van Duzee, Check List Hemipt. America :84. [Listed.]<sup>1,2</sup>  
 1917 *Liburnia furcata* Van Duzee, Cat. Hemipt. America :777. [Listed.]<sup>3,4,6,3</sup> Equals  
*Delphax furcata* Prov.  
 1923 *Liburnia furcata* Metcalf, Jour. Elisha Mitchell Soc. 38: 148. [Listed.]  
 1924 *Delphacodes furcata* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 38.  
 [Notes.] Equals *Delphax furcata* Prov.  
 1928 *Delphacodes furcata* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 182. [Listed.]<sup>3</sup>

*furcifera* Horváth. See *Liburnia furcifera* Horváth.

*fuscicollis* Rey (var.). See *Delphacodes pellucida* var. *fuscicollis* Rey.

*fuscifrons* Fieber

- 1872 *Liburnia fuscifrons* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>1</sup> France<sup>1</sup>  
 [nom. nud.] Belgium<sup>2</sup>  
 1874 *Liburnia fuscifrons* Lethierry, Cat. Hémipt. Dept. du Nord 2 Ed.  
 :258 (54). [Listed.]<sup>1</sup> [nom. nud.]  
 1875 *Delphax fuscifrons* Puton, Cat. Hémipt. d'Europe 2 Ed. :120. [Listed.]<sup>1</sup> [nom. nud.]  
 1879 *Liburnia fuscifrons* Fieber, Cicad. d'Europe Pt. 4: 92 (28). [n. sp.]<sup>1</sup>  
 1880 [*Delphax*] *fuscifrons* Hervé, Bull. Soc. Étude Sci. Finistère 10: 36. [Listed.]<sup>1</sup>  
 1886 *Delphax fuscifrons* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>1</sup>  
 1890 *Delphax fuscifrons* Dominique, Ann. Soc. Acad. Loire-Inférieure 1890: 110 (26).  
 [Listed.]<sup>1</sup>  
 1892 *Delphax fuscifrons* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>2</sup>  
 1892 *Delphax fuscifrons* Dominique, Bull. Soc. Sci. Nat. Ouest France 2: 116. [Listed.]<sup>1</sup>  
 1892 *Delphax fuscifrons* Carpentier and Dubois, Mém. Soc. Linn. Nord France 8: 433.  
 [Listed.]<sup>1</sup>  
 1898 *Delphax fuscifrons* Dubois, Mém. Soc. Linn. Nord France 9: 235. [Listed.]<sup>1</sup>

- 1899 *Delphax fuscifrons* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>1</sup>  
 1902 *Delphax fuscifrons* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) 2: 223. [Listed.]<sup>1</sup>  
 1907 *Delphax fuscifrons* Oshanin, Verz. Palaeark. Hemip. 2 (2): 320. [Listed.]<sup>1</sup> Equals *Liburnia fuscifrons* Fieb.  
 1912 *Delphax fuscifrons* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>1</sup>

**fuscoirrorata** Spinola

- 1852 *Delphax fuscoirrorata* Spinola, Gay's Historia de Chile 7: 260. Chile<sup>1</sup>  
 [n. sp.]<sup>1</sup>  
 1881 *Liburnia fuscoirrorata* Berg, An. Soc. Cient. Argentina 12: 266 (10). [Described.]<sup>1</sup>  
 Equals *Delphax fuscoirrorata* Blanch.  
 1914 *Megamelus fuscoirroratus* Crawford, Mon. Delphacidae :632. [Listed.] Equals *Liburnia fuscoirrorata* Blanch.  
 1926 *Delphacodes fuscoirrorata* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 38. [Listed.]  
 Equals *Delphax fuscoirrorata* Blanch.

**fuscoterminata** Berg

- 1879 *Liburnia fuscoterminata* Berg, Hemip. Argentina :296. [n. sp.]<sup>1</sup> Argentina<sup>1</sup>  
 1880 *Liburnia fuscoterminata* Berg, An. Soc. Cient. Argentina 9: 24. [n. sp.]<sup>1</sup>  
 1883 *Liburnia fuscoterminata* Berg, An. Soc. Cient. Argentina 16: 237. [Listed.]  
 1884 *Liburnia fuscoterminata* Berg, Add. Hemip. Argentina :143. [Listed.]  
 1914 *Megamelus fuscoterminata* Crawford, Mon. Delphacidae :632. [Listed.]  
 1926 *Delphacodes fuscoterminata* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 38. [Listed.]  
 Equals *Liburnia fuscoterminata* Berg.

*fuscotestacea* Metcalf (var.). See *Delphacodes obscurella* var. *fuscotestacea* Metcalf.

**fuscovaria** Distant

- 1917 *Opiconsiva fuscovaria* Distant, Trans. Linn. Soc. London Zool. 17: 301; Pl. 50, Figs. 10, 10a. [n. sp., illustrated.]<sup>1</sup> Seychelles<sup>1</sup>  
 (Indian Ocean)  
 1919 *Delphacodes fuscovaria* [sic] Muir, Canadian Ent. 51: 7. Equals *Opiconsiva fuscovaria* Dist.

**giffuensis** Matsumura

- 1900 *Liburnia giffuensis* Matsumura, Ent. Nachr. 26: 264. [n. sp.]<sup>1</sup> Japan<sup>1</sup>  
 1907 *Delphax giffuensis* Oshanin, Verz. Palaeark. Hemip. 2 (2): 330. [Listed.]<sup>1</sup> Equals *Liburnia giffuensis* Mats.  
 1912 *Delphax giffuensis* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>1</sup>

**gillettei** Van Duzee

- 1895 *Liburnia gillettei* Gillette and Baker, Hemip. Colorado: 69. Colorado<sup>1</sup>  
 [Listed.]<sup>1</sup> [nom. nud.] Ohio<sup>2</sup>  
 1897 *Liburnia gillettei* [sic] Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 258. [n. sp.]<sup>1</sup> :227. [Listed.] Nevada<sup>3</sup>  
 Wyoming<sup>4</sup>  
 1904 *Liburnia gillettei* [sic] Swezey, Prelim. Cat. Fulgoridae North United States<sup>5</sup>  
 America 1904: 41. [Listed.]<sup>1,2</sup> Utah<sup>6</sup>  
 1904 *Liburnia gillettei* Osborn, Ohio Nat. 4: 100. [Listed.]<sup>2</sup>  
 1914 *Megamelus gillettei* Crawford, Mon. Delphacidae :616; Pl. 47, Fig. L. [Described, illustrated.]<sup>1,3,4</sup> Equals *Liburnia gillettei* Van Duz. :607. [Key.]  
 1916 *Liburnia gillettei* [sic] Van Duzee, Check List Hemip. America :84. [Listed.]<sup>5</sup>  
 1917 *Liburnia gillettei* Van Duzee, Cat. Hemip. America :779. [Listed.]<sup>1,2,3,4</sup> Equals *Megamelus gillettei* Van Duz.  
 1923 *Liburnia gillettei* Metcalf, Jour. Elisha Mitchell Soc. 38: 172; Pl. 70, Fig. 693. [Key, illustrated.]



*Delphacodes*

- 1924 *Delphacodes gillettei* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 22; Pl. 1, Fig. 4; Pl. 5, Fig. 85. [Described, illustrated.]<sup>1</sup> Equals *Liburnia gillettei* Van Duz. :19. [Comparative note.]  
 1931 *Liburnia gillettei* Knowlton, Ent. News 42: 72. [Listed.]<sup>6</sup>

**gilveola** Kirschbaum

- 1868 *Delphax gilveola* Kirschbaum, Cicad. Wiesbaden :37. [n. sp.]<sup>1</sup> :38. Germany<sup>1</sup>  
 [Comparative note.] Austria<sup>2</sup>  
 1872 *Liburnia gilveola* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>1</sup> Turkestan<sup>3</sup>  
 1875 *Delphax gilveola* Puton, Cat. Hémip. d'Europe 2 Ed. :121.  
 [Listed.]<sup>1,2</sup>  
 1876 *Liburnia gilveola* Fieber, Cicad. d'Europe Pt. 2: 58. Equals *Delphas gilveola* Kirschbaum. [Key.] :68. [Key, female.]  
 1884 *Delphax gilveola* Mayr, Tabellen :21. [Listed.]<sup>1</sup>  
 1886 *Delphax gilveola* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>1</sup>  
 1896 *Liburnia gilveola* Melichar, Cicad. Mittel-Europa :92. [Described.]<sup>1</sup> :74. [Key.]  
 1899 *Delphax gilveola* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>1,2</sup>  
 1904 *Delphax gilveola* Hüeber, Syst. Verz. deutschen Zikadinen :270. [Listed.]<sup>1</sup>  
 1907 *Delphax gilveola* Oshanin, Verz. Palaeark. Hemip. 2 (2): 327. [Listed.]<sup>1</sup> Equals *Liburnia gilveola* Fieb.  
 1912 *Delphax gilveola* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>1</sup>  
 1915 *Liburnia gilveola* Jensen-Haarup, Flora och Fauna 1915: 142. [Key.]  
 1929 *Liburnia gilveola* Kusnezov, Wien. Ent. Zeit. 46: 166. [Listed.]<sup>3</sup>

**gluciophila** Muir

- 1926 *Delphacodes gluciophila* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: Ecuador<sup>1</sup>  
 35; Pl. 5, Figs. 106–108. [n. sp., illustrated.]<sup>1</sup>

**gracilis** Matsumura

- 1915 *Liburnia (Delphax) gracilis* Matsumura, Trans. Sapporo Nat. Korea<sup>1</sup>  
 Hist. Soc. 5: 179. [n. sp.]<sup>1</sup> :158. 184. [Listed.]<sup>1</sup>

*griseoflava* Metcalf (var.). See *Delphacodes pellucida* var. *griseoflava* Metcalf.

*griseoflavescens* Metcalf (var.). See *Delphacodes alpina* var. *griseoflavescens* Metcalf.

*griseescens* Metcalf (var.). See *Delphacodes alpina* var. *griseescens* Metcalf.

**guaramanensis** Scott

- 1873 *Liburnia guaramanensis* Scott, Ent. Monthly Mag. 10: 106. Spain<sup>1</sup>  
 [n. sp.]<sup>1</sup> Portugal<sup>2</sup>  
 1875 *Delphax guadarramensis* [sic] Puton, Cat. Hémip. d'Europe 2 Ed. :121. [Listed.]<sup>1</sup>  
 1880 *Delphax guadarramensis* [sic] Chicote, An. Soc. Española Hist. Nat. 9: 200 (16). [Listed.]<sup>1</sup>  
 1886 *Delphax guadarramensis* [sic] Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>1,2</sup>  
 1899 *Delphax guadarramensis* [sic] Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>1,2</sup>  
 1907 *Delphax guadarramensis* [sic] Oshanin, Verz. Paleark. Hemip. 2 (2): 325. [Listed.]<sup>1</sup> Equals *Liburnia guadarramensis* [sic] Scott.  
 1912 *Delphax guadarramensis* [sic] Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>1,2</sup>  
 1929 *Liburnia guadarramensis* [sic] Lallemand, Mem. Est. Mus. Zool. Univ. Coimbra 39: 7. [Listed.]<sup>2</sup>  
 1930 *Liburnia guadarramensis* [sic] de Seabra, Arq. Secc. Biol. e Par. 1 (3): 256. [Notes.]<sup>2</sup> Equals *Delphax guadarramensis* [sic] Scott. 1(4): 353. [Notes.]<sup>2</sup>

**guianensis** Muir

- 1919 *Delphacodes guianensis* Muir, Canadian Ent. 51: 38; Fig. 11. British Guiana<sup>1</sup>  
[n. sp., illustrated.]<sup>1</sup>  
1926 *Delphacodes guianensis* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 38. [Listed.]

**haglundi** Sahlberg

- 1871 *Liburnia haglundi* Sahlberg, Not. Fennica (n. s.) 9 (12): 427. Sweden<sup>1</sup>  
[n. sp.]<sup>1</sup> :423. [Key.] :489. [Listed.]<sup>1</sup> Scandinavia<sup>2</sup>  
1875 *Delphax haglundi* Puton, Cat. Hémip. d'Europe 2 Ed. :121. Finland<sup>3</sup>  
[Listed.]<sup>3</sup>  
1886 *Delphax haglundi* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>2</sup>  
1899 *Delphax haglundi* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :109. [Listed.]<sup>2,3</sup>  
1907 *Delphax haglundi* Oshanin, Verz. Palaeark. Hemip. 2 (2): 329. [Listed.]<sup>1</sup> Equals  
*Liburnia haglundi* Sahlb.  
1912 *Delphax haglundi* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>2</sup>  
1935 *Liburnia haglundi* Ossiannilsson, Ent. Tidskr. 56: 130. [Notes.] :135. [Described.]<sup>1</sup>

**hargreavesi** Muir

- 1929 *Delphacodes hargreavesi* Muir, Ann. Mag. Nat. Hist. (10) 4: 214; Sierra Leone<sup>1</sup>  
Figs. 43, 44. [n. sp., illustrated.]<sup>1</sup>

**havanae** Muir and Giffard

- 1924 *Delphacodes havanae* Muir and Giffard, Bull. Hawaiian Sugar Pl. Guatemala<sup>1</sup>  
Assoc. 15: 37; Pl. 4, Fig. 62; Pl. 6, Fig. 118. [n. sp., illustrated.]<sup>1,2,3</sup> British Guiana<sup>2</sup>  
1926 *Delphacodes havanae* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: Cuba<sup>3</sup>  
36. [Listed.]<sup>1,2,3</sup>  
1926 *Delphacodes havanae* Osborn, Ann. Ent. Soc. America 19: 359. [Listed.]<sup>3</sup>  
1926 *Delphacodes havanae* Osborn, Sci. Contr. Trop. Pl. Res. Found. 2: 359. [Listed.]<sup>3</sup>  
1928 *Delphacodes havanae* Myers, Studies on Cuban Insects 1: 22. [Described.]<sup>3</sup>

**havanensis** Crawford

- 1914 *Megamelus albidens havanensis* Crawford, Mon. Delphacidae :622. Cuba<sup>1</sup>  
[n. var.]<sup>1</sup> Martinique<sup>2</sup>  
1918 *Delphacodes mardininae* Muir, Proc. Hawaiian Ent. Soc. 3: 427; (West Indies)  
Figs. 4, 4a. [n. sp., illustrated.]<sup>2</sup> Puerto Rico<sup>3</sup>  
1923 *Delphacodes havanensis* Wolcott, Jour. Dept. Agr. Porto Rico 7: Jamaica<sup>4</sup>  
273. [Listed.]<sup>3</sup>  
1924 *Delphacodes havanensis* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 28;  
Pl. 3, Figs. 31, 32; Pl. 5, Fig. 78. [Described, illustrated.]<sup>1,2,4</sup> Equals *Megamelus*  
*albidens havanensis* Crawf. Equals *Delphacodes mardininae* Muir.  
1926 *Delphacodes havanensis* Osborn, Sci. Contr. Trop. Pl. Res. Found. 2: 359. [Listed.]<sup>1</sup>  
1926 *Delphacodes havanensis* Osborn, Ann. Ent. Soc. America 19: 359. [Listed.]<sup>1</sup>  
1928 *Delphacodes havanensis* Myers, Studies on Cuban Insects 1: 22. [Listed.]<sup>1</sup>  
1929 *Delphacodes havanensis* Osborn, Jour. Dept. Agr. Porto Rico 13: 111. [Listed.]<sup>3</sup>  
1935 *Delphacodes havanensis* Osborn, Sci. Surv. Porto Rico and Virginis Islands 14: 252.  
[Described.]<sup>3</sup> Equals *Megamelus albidens havanensis* Crawford.  
1936 *Delphacodes havanensis* Wolcott, Jour. Agr. Univ. Puerto Rico 20: 109. [Listed.]<sup>3</sup>

**haywardi** Muir

- 1929 *Delphacodes haywardi* Muir, Ann. Mag. Nat. Hist. (10) 3: 83; Argentina<sup>1</sup>  
Figs. 17, 18, 19 [n. sp., illustrated.]<sup>1</sup>

**hemiptera** Germar

- 1818 *Delphax hemiptera* Germar, Mag. Ent. 3: 217. [n. sp.] Sweden<sup>1</sup>

*Delphacodes*

- 1826 *Delphax hemiptera* Fallén, Hemip. Sueciae :76. To *Delphax pellucida* Fabricius (?). [error.] British Isles<sup>2</sup>  
Ireland<sup>3</sup>
- 1828 *Delphax hemiptera* Zetterstedt, Fauna Ins. Lapponica :549. [Described.]<sup>1</sup> Germany<sup>4</sup>  
Latvia<sup>5</sup>
- 1829 *Criomorphus hemiptera* Curtis, Guide Arrang. British Ins. :194. [Listed.]<sup>2,3</sup> Alaska<sup>6</sup>  
England<sup>7</sup>
- 1829 *Delphax* (?) *hemiptera* Stephens, Nomenclature of British Insects 1829: 66. [Listed.]<sup>2</sup> Europe<sup>8</sup>  
Netherlands<sup>9</sup>
- 1829 *Delphax hemiptera* Stephens, Catalogue of British Insects 2: 356. [Listed.]<sup>2</sup>
- 1830 *Delphax hemiptera* Germar, Thon Ent. Archiv 2: 57. [Listed.]<sup>4</sup>
- 1835 *Delphax hemiptera* Herrich-Schäffer, Nom. Ent. 1: 106. To *Delphax pellucida* Fabr. [error.]
- 1835 *Delphax hemiptera* Burmeister, Handb. Ent. 2 (1): 151. [Described.]<sup>4</sup>
- 1836 *Delphax hemiptera* Herrich-Schäffer, Deutschlands Ins. 143: 18. To *Delphax pellucida* Fabr. [error.]
- 1837 *Criomorphus hemipterus* Curtis, Guide Arrang. British Ins. Ed. 2: 223. [Listed.]<sup>2</sup>
- 1839 *Delphax hemiptera* Spinola, Ann. Soc. Ent. France 8: 334. To *Delphax pellucida* Fabr. [error.]
- 1839 *Delphax hemiptera* von Siebold, Presussische Prov.-Blatt. 21: 444. [Listed.]<sup>4</sup>
- 1840 *Delphax hemiptera* Zetterstedt, Ins. Lapponica desc. :306. [Described.]<sup>1</sup>
- 1846 *Delphax hemiptera* Gimmerthal, Corr. Nat. Riga 1: 27. [Listed.]<sup>9</sup>
- 1850 *Delphax hemiptera* Schaum, Allg. Encykl. Ersch und Gruber 51: 69. [Listed.]<sup>4</sup>
- 1851 *Delphax hemiptera* Walker, List Homop. British Mus. 2: 351. To *Delphax pellucida* Fabricius [error.]
- 1854 *Delphax hemiptera* de Graaf and Snellen van Vollenhoven, Hérklots' Bouwstoffen fauna van Nederland 1 (3): 182. [Listed.]<sup>9</sup>
- 1854 *Delphax hemiptera* Stål, Öfv. Svenska Vet. Akad. Förh. 11: 193. [Described.]<sup>1</sup>
- 1858 *Delphax hemiptera* Stål, Stett. Ent. Zeit. 19: 192. [Listed.]<sup>6</sup>
- 1859 *Delphax hemiptera* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup>
- 1860 *Delphax hemiptera* Walker, List British Hemip. :17. [Listed.]<sup>7</sup>
- 1861 *Delphax hemiptera* Flor, Rhynch. Livlands 2: 65. To *Delphax pellucida* Fabr. [error.]
- 1862 *Delphax hemiptera* Graaf, Six and Snellen van Vollenhoven, Tijdschr. Ent. 5: 78. [Listed.]<sup>9</sup>
- 1863 *Delphax hemiptera* Snellen van Vollenhoven, Tijdschr. Ent. 6: 11. [Notes.]<sup>9</sup>
- 1865 *Delphax hemiptera* Marshall, Ent. Monthly Mag. 1: 273. To *Delphax pellucidus* Fabr. [error.]
- 1868 *Delphax hemiptera* Sahlberg, Not. Fennica [n. s.] 9 (9): 188. To *Delphax pellucida* Fabr. [error.]
- 1871 *Delphax hemiptera* Brischke, Verz. Wanzen und Zirpen Prov. Presussen :13. To *Delphax pellucida* Fabr. [error.]
- 1871 *Delphax hemiptera* Sahlberg, Not. Fennica [n. s.] 9 (12): 436. To *Liburnia pellucida* Fabr. [error.] :443. To *Liburnia obscurella* Boh. [error.]
- 1872 *Delphax hemiptera* Fieber, Verh. Zool. Bot. Ges. Wien 22: 33. [in part.] To *Liburnia forcipata* Boh. [error.]
- 1872 *Liburnia hemiptera* Fieber, Kat. Europäischen Cicad. :5. To *Liburnia pellucida* Fall. [error.] :6. To *Liburnia paludosa* Flor. [error.] To *Liburnia hyalinipennis* Stål. [error.]
- 1875 *Delphax hemiptera* Puton, Cat. Hémipt. d'Europe 2 Ed. :121. To *Delphax paludosa* Flor. [error.] To *Delphax brevipennis* Boh. [error.]
- 1876 *Delphax hemiptera* Douglas and Scott, Cat. British Hemip. :68. To *Liburnia pellucida* Fabr. [error.]
- 1879 *Delphax hemiptera* Fieber, Cicad. d'Europe Pt. 4: 68 (4). To *Liburnia pellucida* Fabr. [error.]
- 1879 *Liburnia pellucida hemiptera* Fieber, Cicad. d'Europe Pt. 4: 83 (19). [Key.]
- 1886 *Delphax hemiptera* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :74. To *Delphax paludosa* Flor. [error.] To *Delphax brevipennis* Boh. [error.]
- 1886 *Delphax hemiptera* Edwards, Syn. British Homop.-Cicadina Pt. 1: 78. To *Liburnia pellucida* Fabricius. [error.]

- 1890 *Delphax hemiptera* Buckton, Mon. British Cicadae 2: 48. To *Liburnia pellucida* Fabricius. [error.]
- 1892 *Delphax hemiptera* Duda, Cat. Ins. Fauna Bohemicae :29. To *Delphax* ? *brevipennis* Boheman. [error.]
- 1896 *D[elphax] hemiptera* Melichar, Cicad. Mittel-Europa. 1896: 75. To *Liburnia pellucida* Fabr. [error.]
- 1899 *Delphax hemiptera* Puton, Cat. Hémp. Faune Paléarctique 4 Ed. :108. To *Delphax paludosa* Flor. [error.] To *Delphax brevipennis* Boh. [error.]
- 1904 *Delphax hemipterus* Ashmead, Homop. Alaska :131. [Listed.]<sup>6</sup>
- 1904 *Delphax hemiptera* Hüeber, Syst. Verz. deutschen Zikadinen :270. To *Delphax paludosa* Flor. [error.] To *Delphax brevipennis* Boh. [error.]
- 1907 *Delphax hemiptera* Oshanin, Verz. Palaeark. Hemip. 2 (2): 325. To *Delphax paludosa* Flor. [error.]
- 1910 *Delphax hemiptera* Lambertie, Misc. Ent. 18: 93. To *Delphax paludosa* Flor. [error.]
- 1912 *Delphax hemiptera* Oshanin, Kat. Paläark. Hemip. :119. To *Delphax paludosa* Flor. [error.] To *Delphax brevipennis* Boh. [error.]
- 1914 *Delphax hemiptera* Crawford, Mon. Delphacidae :633. [Listed.]<sup>6</sup>
- 1916 *Liburnia hemiptera* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>6</sup>
- 1917 *Liburnia hemiptera* Van Duzee, Cat. Hemip. America :778. [Listed.]<sup>6,8</sup> Equals *Delphax hemiptera* Germ.
- 1922 *Delphax hemiptera* MacGillavry, Ent. Berichten 6: 69. [Listed.]
- 1927 *Criomorphus hemiptera* Sherborn, Index Animalium 12: 2950. [Listed.]
- 1938 *Delphax hemiptera* Ossiannilsson, Opuscula Entomologica. Lund 3: 78. [Synonymy.]

**herrichii** Kirschbaum

- 1868 *Delphax herrichii* Kirschbaum, Cicad. Wiesbaden :26. [n. sp.]<sup>1</sup> :26. Germany<sup>1</sup>  
[Comparative note.] Finland<sup>2</sup>
- 1871 *Liburnia herrichii* Sahlberg, Not. Fennica [n. s.] 9 (12): 440. [Described.]<sup>2</sup> Equals *Delphax herrichii* Kirschb. Equals *Delphax pellucida* H.-S. [nec Fabr.] :424. [Key.] :56. [Listed.]<sup>2</sup> :489. [Listed.]<sup>5</sup> :28, 30, 37. [Ecology.] Austria<sup>4</sup>  
Sweden<sup>6</sup>  
Russia<sup>6</sup>
- 1872 *Liburnia herrichii* Fieber, Kat. Europäischen Cicad. :5. To *Liburnia pellucida* Fall. [error.]
- 1872 *Delphax herrichii* Fieber, Verh. Zool. Bot. Ges. Wien 22: 28. To *Liburnia pellucida* [error.]
- 1874 *Delphax herrichii* Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 83. [Listed.]<sup>1</sup> Equals *Delphax pellucida* H.-S. [nec Fabr.]
- 1875 *Delphax herrichii* Puton, Cat. Hémp. d'Europe 2 Ed. : 119. [Listed.]<sup>1,3</sup>
- 1876 *Delphax herrichii* Douglas and Scott, Cat. British Hemip. :68. To *Liburnia pellucida* Fabr. [error.]
- 1879 *Delphax herrichii* Fieber, Cicad. d'Europe Pt. 4: 68 (4). To *Liburnia pellucida* Fabr. [error.]
- 1880 *Liburnia herrichii* Reuter, Medd. Soc. Fauna Fl. Fennica 5: 197. [Listed.]<sup>2</sup>
- 1886 *Delphax herrichii* Puton, Cat. Hémp. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>1,3</sup>
- 1890 *Delphax herrichii* Funk, Ber. Nat. Ges. Bamberg 15: 140. [Listed.]<sup>1</sup>
- 1896 *Delphax herrichii* Melichar, Cicad. Mittel-Europa :75. To *Liburnia pellucida* Fabr. error.]
- 1899 *Delphax herrichii* Puton, Cat. Hémp. Faune Paléarctique 4 Ed. :107. [Listed.]<sup>1,2,3,4</sup>
- 1904 *Delphax herrichii* Hüeber, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>1</sup>
- 1907 *Delphax herrichii* Oshanin, Verz. Palaeark. Hemip. 2 (2): 314. [Listed.]<sup>1,2,5,6</sup> Equals *Liburnia herrichii* Sahlb.
- 1912 *Delphax herrichii* [sic] Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>1,3,6</sup>
- 1924 *Liburnia herrichii* [sic] Lindberg, Acta Soc. Fauna Flora Fennica 56: 46. [Listed.]<sup>2</sup>
- 1935 *Liburnia herrichii* [sic] Haupt, Tierwelt Mitteleuropas 4 (3): 142. To *Liburnia pellucida* Fabr. [error.]



*Delphacodes***hessei** Muir

- 1929 *Delphacodes hessei* Muir, Ann. Mag. Nat. Hist. (10) 4: 214; Figs. 45, 46. [n. sp., illustrated.]<sup>1</sup> Cape Province<sup>1</sup>

**humilis** Van Duzee

- 1907 *Liburnia humilis* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 8: 48. Jamaica<sup>1</sup>  
[n. sp.]<sup>1</sup> Florida<sup>2</sup>
- 1909 *Liburnia humilis* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 9: 202. Mexico<sup>3</sup>  
[Notes.]<sup>2</sup> Cuba<sup>4</sup>
- 1914 *Liburnia humilis* Barber, Bull. American Mus. Nat. Hist. 33: Nicaragua<sup>5</sup>  
529. [Listed.]<sup>2</sup> Southern States<sup>6</sup>
- 1914 *Megamelus humilis* [sic] Crawford, Mon. Delphacidae :629. Guadalupe<sup>7</sup>  
[Listed.]<sup>2</sup> Equals *Liburnia humilis* [sic] Van Duz. :608. [Key.] (West Indies)
- 1914 *Megamelus erectus* Crawford, Mon. Delphacidae :624; Pl. 48. Puerto Rico<sup>8</sup>  
Figs. D, E. [n. sp., illustrated.]<sup>3,4,5</sup> :608. [Key.]
- 1914 *M[egamelus] erecta* [sic] Crawford, Mon. Delphacidae :623. [Com- British Guiana<sup>9</sup>  
parative note.] Brazil<sup>10</sup>
- 1916 *Liburnia humilis* Van Duzee, Check List Hemip. America :84. Argentina<sup>11</sup>  
[Listed.]<sup>6</sup> Ecuador<sup>12</sup>
- 1917 *Liburnia humilis* Van Duzee, Cat. Hemip. America :774. [Listed.]<sup>1,2</sup>
- 1918 *Delphacodes erectus nigripennis* Muir, Proc. Hawaiian Ent. Soc. 3: 427. [Notes.]<sup>7</sup>
- 1918 *Delphacodes erectus* Muir, Proc. Hawaiian Ent. Soc. 3: 427. [Comparative note.]
- 1920 *Delphacodes erectus* Muir, Bull. Ent. Res. 10: 139. [Note.]
- 1921 *Liburnia humilis* Osborn, Florida Ent. 5: 19. [Listed.]<sup>2</sup>
- 1923 *Liburnia humilis* Metcalf, Jour. Elisha Mitchell Soc. 38: 173; Pl. 70, Fig. 707. [Key, illustrated.]
- 1923 *Delphacodes humilis* Wolcott, Jour. Dept. Agr. Porto Rico 7: 274. [Listed.]<sup>8</sup>
- 1924 *Delphacodes humilis* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 32; Pl. 4, Figs. 43, 44, 45; Pl. 6, Fig. 111. [Described, illustrated.]<sup>1,3</sup> Equals *Liburnia humilis* Van Duz. Equals *Liburnia seminigra* Van Duz. [nec Stål]. Equals *Megamelus erectus* Crawf. Equals *Delphacodes erectus nigripennis* Muir [nec Crawf.] :31. Equals [*Delphacodes*] *erectus* Crawf.
- 1926 *Liburnia humilis* Gowdey, Bull. Dept. Agr. Jamaica Ent. 4: 41. [Listed.]<sup>1</sup>
- 1926 *Delphacodes humilis* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 31. [Listed.]<sup>1,2,3,9,10</sup>  
:33. [Comparative note.] :29. [Distribution.]
- 1929 *Delphacodes humilis* Muir, Ann. Mag. Nat. Hist. (10) 3: 83. [Listed.]<sup>1,2,3,9,11,12</sup>
- 1929 *Delphacodes humilis* Osborn, Jour. Dept. Agr. Porto Rico 13: 111. [Listed.]<sup>8</sup>
- 1935 *Delphacodes humilis* Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 251; Fig. 69. [Described, illustrated.]<sup>1,8</sup>
- 1936 *Delphacodes humilis* Wolcott, Jour. Agr. Univ. Puerto Rico 20: 109. [Listed.]<sup>8</sup>

**hyas** Kirkaldy

- 1907 *Delphax hyas* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 156. Queensland<sup>1</sup>  
[n. sp.]<sup>1</sup> :151. [Key.] :13. [Listed.]
- 1917 *Delphacodes hyas* Muir, Proc. Hawaiian Ent. Soc. 3: 333. [Listed.] Equals *Delphax hyas* Kirk.

*incerta* Van Duzee. See *Dicranotropis incerta* Van Duzee.

**indentistyla** Dozier

- 1926 *Delphacodes indentistyla* Dozier, Jour. New York Ent. Soc. 34: Mississippi<sup>1</sup>  
261; Fig. 2. [n. sp., illustrated.]<sup>1</sup>

**indistincta** Crawford

- 1914 *Megamelus indistinctus* Crawford, Mon. Delphacidae :619; Pl. 49, Colorado<sup>1</sup>  
Fig. B. [n. sp., illustrated.]<sup>1</sup> :606. [Key.] Rocky

- 1916 *Liburnia indistincta* Van Duzee, Check List Hemip. America :84. Mountains<sup>2</sup>  
[Listed.]<sup>2</sup>
- 1917 *Liburnia indistincta* Van Duzee, Cat. Hemip. America :778. [Listed.]<sup>1</sup> Equals  
*Megamelus indistinctus* Crawf.
- 1924 *Delphacodes indistincta* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 26;  
Pl. 2, Fig. 12; Pl. 5, Fig. 96. [Described, illustrated.]<sup>1</sup> Equals *Megamelus indistinctus*  
Crawf.

*infuscata* Metcalf (var.). See *Delphacodes pullula* var. *infuscata* Metcalf.

### insignis Scott

- 1882 *Liburnia insignis* Scott, Ent. Monthly Mag. **18**: 270. [n. sp.]<sup>1</sup> England<sup>1</sup>
- 1882 *Liburnia insignis* Norman, Ent. Monthly Mag. **18**: 276. [Listed.]<sup>2</sup> Scotland<sup>2</sup>
- 1886 *Liburnia insignis* Edwards, Syn. British Homop.-Cicadina Pt. **1**: Sweden<sup>3</sup>  
83. [Described.]<sup>4</sup> :60. [Key.] British Isles<sup>4</sup>
- 1886 *Delphax insignis* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. England<sup>1</sup>  
:74. [Listed.]<sup>4</sup>
- 1890 *Liburnia insignis* Buckton, Mon. British Cicadae **2**: 64. [Listed.]
- 1890 *Liburnia insignis* Buckton, Mon. British Cicadae **2**: 65. [Notes.]<sup>3</sup>
- 1890 *Liburnia insignis* Saunders and Edwards, Cat. British Hemiptera **1890**: 12. [Listed.]<sup>4</sup>
- 1894 *Liburnia insignis* Edwards, Hemip.-Homop. British Islands Pt. **2**: 64. [Described.]<sup>4</sup>  
:36. [Key.]
- 1899 *Delphax insignis* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :109. [Listed.]<sup>4</sup>
- 1907 *Delphax insignis* Oshanin, Verz. Palaeark. Hemip. **2** (2): 329. [Listed.]<sup>4</sup> Equals  
*Liburnia insignis* Scott.
- 1908 *Delphax insignis* Saunders and Edwards, Cat. British Hemiptera **1908**: 15. [Listed.]<sup>4</sup>
- 1912 *Delphax insignis* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>1</sup>
- 1929 *Liburnia insignis* China, Ent. Monthly Mag. **65**: 250. [Listed.]<sup>4</sup>

*intermedia* Sahlberg (var.). See *Delphacodes albocarinata* var. *intermedia* Sahlberg.

### juncea Haupt

- 1866 *Delphax discolor* [nec Boheman] Fieber, Verh. Zool. Bot. Ges. Central Europe<sup>1</sup>  
Wien **16**: 533; Pl. viii, Fig. 19. [Illustrated.] Germany<sup>2</sup>
- 1935 *Liburnia juncea* Haupt, Tierwelt Mitteleuropas **4** (3): 141; Fig. 240. nom. nov. for [*Liburnia*] *discolor* Fieb. [nec Boh.]. [Illustrated, key.]
- 1937 *Liburnia juncea* Kuntze, Arch. Nat. [n. f.] **6**: 330, 333, 355. [Ecology.]<sup>2</sup>

### kahavalu Kirkaldy

- 1863 *Delphax venosus* Motschulsky, Bull. Soc. Nat. Moscou **36**: 109. Ceylon<sup>1</sup>  
[n. sp.]<sup>1</sup>
- 1891 *Delphax venosus* Kirby, Jour. Linn. Soc. Zool. **24**: 141. [Listed.]<sup>1</sup>
- 1903 *Liburnia venosa* Melichar, Homop.-Fauna Ceylon :98. [Described.]<sup>1</sup> Equals *Delphax*  
*venosus* Motsch.
- 1903 *Liburnia venosa* Melichar, Homop.-Fauna Ceylon. **1903**: 225. [Listed.]<sup>1</sup>
- 1906 *Liburnia venosa* Distant, Fauna British India **3**: 481. [Described.]<sup>1</sup> Equals *Delphax*  
*venosa* Motsch.
- 1906 *Delphacodes kahavalu* Kirkaldy, Canadian Ent. **38**: 156. nom. nov. for *Delphax*  
*venosus* Motsch.
- 1920 *Liburnia ceylanica* Jensen-Haarup, Ent. Medd. **13**: 209. nom. nov. for *Liburnia*  
*venosa* Motsch.

### kilmani Van Duzee

- 1894 *Liburnia kilmani* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 191. New York<sup>1</sup>  
[Listed.]<sup>1</sup> [nom. nud.] Ohio<sup>2</sup>
- 1897 *Liburnia kilmani* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 253. North Carolina<sup>3</sup>  
[n. sp.]<sup>1</sup> :227. [Listed.] Eastern States<sup>4</sup>

*Delphacodes*

- 1904 *Liburnia kilmani* Swezey, Prelim. Cat. Fulgoridae North America Northern States<sup>5</sup>  
1904: 40. [Listed.]<sup>1,2</sup> Alberta<sup>6</sup>
- 1904 *Liburnia kilmani* Osborn, Ohio Nat. 4: 100. [Listed.]<sup>2</sup>
- 1914 *Megamelus kilmani* Crawford, Mon. Delphacidae :629. [Listed.]<sup>1,2</sup>  
Equals *Liburnia kilmani* Van Duz. :608. [Key.]
- 1915 *Liburnia kilmani* Metcalf, Jour. Elisha Mitchell Soc. 31: 45 (13). [Listed.]<sup>3</sup>
- 1916 *Liburnia kilmani* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>4</sup>
- 1917 *Liburnia kilmani* Van Duzee, Cat. Hemip. America :774. [Listed.]<sup>1,2,3</sup>
- 1917 [*Liburnia*] *kilmani* Van Duzee, Proc. California Acad. Sci. 7: 314, 315, 316. [Comparative note.]
- 1923 *Liburnia kilmani* Metcalf, Jour. Elisha Mitchell Soc. 38: 172; Pl. 70, Fig. 697. [Key, illustrated.]
- 1923 *Liburnia kilmani* Van Duzee, Fulgoridae Hemip. Connecticut :54. [Notes.]<sup>5</sup> :53. [Key.]
- 1924 *Delphacodes kilmani* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 20; Pl. 3, Fig. 19; Pl. 5, Fig. 67. [Described, illustrated.]<sup>1</sup> Equals *Liburnia kilmani* Van Duz. :15, 19. [Comparative note.]
- 1928 *Delphacodes kilmani* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 181. [Listed.]<sup>1</sup>
- 1938 *Delphacodes kilmani* Brimley, Insects of North Carolina 1938: 103. [Listed.]<sup>3</sup>
- 1938 *Delphacodes kilmani* Osborn, Bull. Ohio Biol. Surv. 6: 338. [Key.] :343; Figs. 39, 41. [Described, illustrated.]<sup>2</sup>
- 1940 *Delphacodes kilmani* Strickland, Canadian Ent. 72: 88. [Listed.]<sup>6</sup>

*koebeleri* Muir and Giffard

- 1924 *Delphacodes koebeleri* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 23; Pl. 1, Fig. 8; Pl. 5, Fig. 87. [n. sp., illustrated.]<sup>1</sup> Mexico<sup>1</sup>  
Ecuador<sup>2</sup>
- 1926 *Delphacodes koebeleri* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 31. [Notes.]<sup>1,2</sup>

*lacteipennis* Muir

- 1917 *Delphacodes lacteipennis* Muir, Proc. Hawaiian Ent. Soc. 3: 337; Fiji<sup>1</sup>  
Pl. 6, Figs. 53, 53a. [n. sp., illustrated.]<sup>1,2,3</sup> Java<sup>2</sup>  
Formosa<sup>3</sup>

*laminalis* Van Duzee

- 1897 *Liburnia laminalis* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: Mississippi<sup>1</sup>  
251. [n. sp.]<sup>1</sup> New York<sup>2</sup>
- 1904 *Liburnia laminalis* Swezey, Prelim. Cat. Fulgoridae North Florida<sup>3</sup>  
America 1904: 40. [Listed.]<sup>1</sup> Pennsylvania<sup>4</sup>
- 1905 *Liburnia laminalis* Van Duzee, Bull. New York State Mus. 97: Illinois<sup>5</sup>  
553. [Listed.]<sup>2</sup> North Carolina<sup>6</sup>
- 1909 *Liburnia laminalis* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 9: 201. Eastern States<sup>7</sup>  
[Notes.]<sup>1,2,3,8</sup> Ohio<sup>8</sup>
- 1914 *Liburnia laminalis* Barber, Bull. American Mus. Nat. Hist. 33: Connecticut<sup>9</sup>  
529. [Listed.]<sup>3</sup>
- 1914 *Megamelus laminalis* Crawford, Mon. Delphacidae :624; Pl. 47, Figs. R, T. [De-  
scribed, illustrated.]<sup>4,6</sup> Equals *Liburnia laminalis* Van Duz. :607. [Key.]
- 1914 *M[egamelus] laminalis* Crawford, Mon. Delphacidae :617. [Comparative note.]
- 1915 *Liburnia laminalis* Metcalf, Jour. Elisha Mitchell Soc. 31: 45 (13). [Listed.]<sup>6</sup>
- 1916 *Liburnia laminalis* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>7</sup>
- 1917 *Liburnia laminalis* Van Duzee, Cat. Hemip. America :774. [Listed.]<sup>2,3,6,8</sup> Equals  
*Megamelus laminalis* Van Duz.
- 1920 *Liburnia laminalis* Britton, Check-List Ins. Connecticut :47. [Listed.]<sup>9</sup>
- 1921 *Liburnia laminalis* Osborn, Florida Ent. 5: 19. [Listed.]<sup>3</sup>
- 1923 *Liburnia laminalis* Metcalf, Jour. Elisha Mitchell Soc. 38: 173; Pl. 70, Fig. 714.  
[Key, illustrated.]

- 1924 *Delphacodes laminalis* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 38. [Notes.] Equals *Liburnia laminalis* Van Duz.  
 1928 *Delphacodes laminalis* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 181. [Listed.]<sup>2</sup>  
 1938 *Delphacodes laminalis* Brimley, Insects of North Carolina 1938: 103. [Listed.]<sup>6</sup>  
 1938 *Delphacodes laminalis* Osborn, Bull. Ohio Biol. Surv. 6: 345. [Notes.]<sup>3</sup> Equals *Liburnia laminalis* Metc.

*lateralis* Fieber. (var.). See *Delphacodes striatella* var. *lateralis* Fieber.

*lateralis* Van Duzee. See *Delphacodes laterana* Metcalf.

**laterana** nom. nov. for *Liburnia lateralis* Van Duzee 1897 [nec *Liburnia striatella* var. *lateralis* Fieber 1879.]

- 1894 *Liburnia lateralis* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 191. New York<sup>1</sup>  
 [Listed.]<sup>1</sup> [nom. nud.] Eastern States<sup>2</sup>  
 1897 *Liburnia lateralis* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 253. Canada<sup>3</sup>  
 [n. sp.]<sup>1</sup> :227. [Listed.] California<sup>4</sup>  
 1904 *Liburnia lateralis* Swezey, Prelim. Cat. Fulgoridae North America 1904: 40. [Listed.]<sup>1</sup> Ontario<sup>6</sup>  
 New  
 1914 *Megamelus lateralis* Crawford, Mon. Delphacidae :629. [Listed.]<sup>1</sup> Hampshire<sup>6</sup>  
 Equals *Liburnia lateralis* Van Duz. :608. [Key.] Connecticut<sup>7</sup>  
 1916 *Liburnia lateralis* Van Duzee, Check List Hemip. America :84. Northern  
 [Listed.]<sup>2,3</sup> States<sup>8</sup>  
 1917 *Liburnia lateralis* Van Duzee, Proc. California Acad. Sci. 7: 314. Ohio<sup>9</sup>  
 [Listed.]<sup>4</sup> Louisiana<sup>10</sup>  
 1917 *Liburnia lateralis* Van Duzee, Cat. Hemip. America :774. Massachusetts<sup>11</sup>  
 [Listed.]<sup>1,5,6</sup>  
 1917 [*Liburnia*] *lateralis* Van Duzee, Proc. California Acad. Sci. 7: 314. [Comparative  
 note.]  
 1920 *Liburnia lateralis* Britton, Check-List Ins. Connecticut :47. [Listed.]<sup>7</sup>  
 1923 *Liburnia lateralis* Metcalf, Jour. Elisha Mitchell Soc. 38: 173; Pl. 20, Fig. 711.  
 [Key, illustrated.]  
 1923 *Liburnia lateralis* Van Duzee, Fulgoridae Hemip. Connecticut :54. [Notes.]<sup>3,7,8</sup> :53.  
 [Key.]  
 1924 *Delphacodes lateralis* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 25; Pl.  
 1, Fig. 3; Pl. 5, Fig. 99. [Described, illustrated.]<sup>1</sup> Equals *Liburnia lateralis* Van Duz.  
 1928 *Delphacodes lateralis* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 181. [Listed.]<sup>1</sup>  
 1930 *Delphacodes lateralis* Johnson, Publ. Nantucket Maria Mitchell Assoc. 3 (2): 36.  
 [Listed.]<sup>11</sup>  
 1938 *Delphacodes lateralis* Osborn, Bull. Ohio Biol. Surv. 6: 338. [Key.] :342; Figs. 39, 41.  
 [Described, illustrated.]<sup>9</sup>  
 1938 [*Delphacodes*] *lateralis* Osborn, Bull. Ohio Biol. Surv. 6: 346. [Comparative note.]  
 1939 *Delphacodes lateralis* Glick, Tech. Bull. United States Dept. Agr. 673: 27. [Listed.]<sup>10</sup>  
 1940 *Delphacodes lateralis* (?) Everly, Ohio Jour. Sci. 40: 143. [Listed.]<sup>9</sup>

### **latifrons** Fieber

- 1872 *Liburnia latifrons* Fieber, Kat. Europäischen Cicad. :5. [Listed.]<sup>1</sup> Germany<sup>1</sup>  
 [nom. nud.] Southern  
 1875 *Delphax latifrons* Puton, Cat. Hémipt. d'Europe 2 Ed. :119. France<sup>2</sup>  
 [Listed.]<sup>1,2</sup> [nom. nud.] Spain<sup>3</sup>  
 1879 *Liburnia latifrons* Fieber, Cicad. d'Europe Pt. 4: 73 (9). [n. sp.]<sup>1</sup> Portugal<sup>4</sup>  
 :135 (71). [Key.] Austria<sup>5</sup>  
 1886 *Delphax latifrons* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed.  
 :73. [Listed.]<sup>1,2,3,4</sup>  
 1884 *Delphax latifrons* Mayr, Tabellen :21. [Listed.]<sup>1</sup>  
 1896 *Liburnia latifrons* Melichar, Cicad. Mittel-Europa :77. [Described.]<sup>1</sup> :71 [Key.]



*Delphacodes*

- 1899 *Delphax latifrons* Puton, Cat. Hémp. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>1,2,3,4,5</sup>  
 1904 *Delphax latifrons* Hübner, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>1</sup>  
 1907 *Delphax latifrons* Oshanin, Verz. Palaeark. Hemip. 2 (2) : 316. [Listed.]<sup>1,2,3</sup> Equals *Liburnia latifrons* Fieb.  
 1912 *Delphax latifrons* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>1,2,3,4</sup>

*lazulis* Kirkaldy

- 1907 *Delphax lazulis* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 155; Queensland<sup>1</sup> Pl. 68, Figs. 1-3. [n. sp., illustrated.]<sup>1</sup> :151. [Key.] :13. [Listed.]  
 1917 *Delphacodes lazulis* Muir, Proc. Hawaiian Ent. Soc. 3: 333. [Listed.] Equals *Delphax lazulis* Kirk.

*leptosoma* Flor

- 1829 *Criomorphus apicalis* Curtis, Guide Arrange. British Ins. :194. Estonia<sup>1</sup>  
 [Listed.]<sup>2,12</sup> [nom. nud.] Ireland<sup>2</sup>  
 1829 *Asiraca apicalis* Stephens, Nomenclature of British Insects 1829: Finland<sup>3</sup>  
 66. [Listed.]<sup>12</sup> [nom. nud.] Germany<sup>4</sup>  
 1829 *Asiraca apicalis* Stephens, Catalogue of British Insects 2: 356. England<sup>5</sup>  
 [Listed.]<sup>12</sup> [nom. nud.] France<sup>6</sup>  
 1837 *Criomorphus apicalis* Curtis, Guide Arrange. British Ins. Ed. 2: Switzerland<sup>7</sup>  
 223. [Listed.]<sup>12</sup> [nom. nud.] Europe<sup>8</sup>  
 1861 *Delphax leptosoma* Flor, Rhynch. Livlands 2: 76. [n. sp.]<sup>1</sup> :37, 38. Italy<sup>9</sup>  
 [Key.] Austria<sup>10</sup>  
 1865 *Delphax leptosoma* Marshall, Ent. Monthly Mag. 1: 252. [De- Belgium<sup>11</sup>  
 scribed.]<sup>12</sup> :199. [Key.] British Isles<sup>12</sup>  
 1866 *Delphax leptosoma* Fieber, Verh. Zool. Bot. Ges. Wien 16: Pl. viii, Hungary<sup>13</sup>  
 Fig. 34. [Illustrated.] Yugoslavia<sup>14</sup>  
 1866 *Delphax albofimbriata* Fieber, Verh. Zool. Bot. Ges. Wien 16: Pl. Romania<sup>15</sup>  
 viii, Fig. 35. [Illustrated.] :534. Equals *Delphax apicalis* Curtis. Russia<sup>16</sup>  
 1868 *Delphax leptosoma* Sahlberg, Not. Fennica [n. s.] 9 (9): 218. Central  
 [Notes.]<sup>3</sup> Europe<sup>17</sup>  
 1868 *Delphax fuscipennis* Kirschbaum, Cicad. Wiesbaden :29. [n. sp.]<sup>4</sup> Denmark<sup>18</sup>  
 :30. [Comparative note.] Sweden<sup>19</sup>  
 1868 *Delphax albolimbata* Kirschbaum, Cicad. Wiesbaden :32. [n. sp.]<sup>4</sup> Livland<sup>20</sup>  
 1868 *Delphax heydenii* Kirschbaum, Cicad. Wiesbaden :37. [n. sp.]<sup>4</sup>  
 1868 *Delphax leptosoma* Sahlberg, Not. Fennica [n. s.] 9 (9): 189. [Listed.]<sup>3</sup>  
 1870 *Liburnia leptosoma* Scott, Ent. Monthly Mag. 7: 75. [Listed.]<sup>12</sup> :27. [Key.] :71.  
 [Comparative note.]  
 1870 *Liburnia albofimbriata* Scott, Ent. Monthly Mag. 7: 27. [Key.] Equals [*Liburnia*]  
*apicalis* Curt. [nom. nud.]  
 1871 *Delphax leptosoma* Sahlberg, Not. Fennica [n. s.] 9 (12): 450. [Listed.] :465. [Note.]  
 1872 *Liburnia leptosoma* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>1,4,5,6,7</sup> Equals  
*Liburnia heydenii* Kirschb. Equals *Liburnia albolimbata* Kirschb. Equals *Liburnia*  
*albofimbriata* Sign. Equals *Liburnia apicalis* Curt.  
 1872 *Liburnia fuscipennis* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>4</sup>  
 1872 *Liburnia leptosoma* Fieber, Verh. Zool. Bot. Ges. Wien 22: 29. Equals *Delphax*  
*albolimbata* Kirschb. Equals *Liburnia albofimbriata* Sign. Equals *Liburnia apicalis*  
 Curt. [nom. nud.] Equals *Delphax heydenii* Kirschb.  
 1872 *Liburnia fuscipennis* Fieber, Verh. Zool. Bot. Ges. Wien 22: 28. [Note.] Equals  
*Delphax fuscipennis* Kirschb.  
 1873 *Liburnia leptosoma* Scott, Ent. Monthly Mag. 10: 107. [Comparative note.]  
 1875 *Delphax fuscipennis* Puton, Cat. Hémp. d'Europe 2 Ed. :121. [Listed.]<sup>4,10</sup>  
 1875 *Delphax leptosoma* Puton, Cat. Hémp. d'Europe 2 Ed. :120. [Listed.]<sup>8</sup> Equals *Del-*  
*phax heydenii* Kirschb. Equals *Delphax albolimbata* Kirschb. Equals *Delphax albo-*  
*fimbriata* Curt. Equals *Delphax apicalis* Curt.  
 1876 *Liburnia leptosoma* Douglas and Scott, Cat. British Hemip. :68. [Listed.]<sup>12</sup> Equals

- Delphax leptosoma* Fabr. Equals *Delphax albolimbata* Kirschb. Equals *Delphax heydenii* Kirschb. Equals *Liburnia albofimbriata* Scott.
- 1878 *Delphax leptosoma* Reiber, Bull. Soc. Hist. Nat. Colmar 18: 70, 75. [Listed.]<sup>6</sup>
- 1878 *Delphax leptosoma* Lethierry, Compt. Rend. Soc. Ent. Belgique 21: lxxvii. [Listed.]<sup>11</sup>
- 1878 *Delphax leptosoma* Dale, History of Glanville's Wootton :305. [Listed.]<sup>5</sup>
- 1879 *Liburnia leptosoma* Fieber, Cicad. d'Europe Pt. 4: 93 (29). [Key.]<sup>1,4,5,6,7</sup> Equals *Delphax leptosoma* Flor. Equals *Delphax heydeni* Kirschb. Equals *Delphax albolimbata* Kirschb. Equals *Delphax albofimbriata* Fieb. Equals *Delphax apicalis* Curt. [nom. nud.] :128. (64). [Key.]
- 1880 *Delphax leptosoma* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 55. [Listed.]<sup>6</sup>
- 1881 *Liburnia leptosoma* Mayr, Ber. Natur.-Med. Ver. Innsbruck 10: 86 (10). [Listed.]<sup>10</sup>
- 1882 *Delphax leptosoma* Ferrari, Cicad. Agri Ligustici :92 (20). [Listed.]<sup>9</sup> Equals *Delphax albolimbata* Kirschb. Equals *Liburnia leptosoma* Flor. Equals *Delphax heydeni* Kirschb.
- 1884 *Delphax leptosoma* Mayr, Tabellen :21. [Listed.]<sup>4,6,7,10</sup>
- 1884 *Delphax fuscipennis* Mayr, Tabellen :21. [Listed.]
- 1884 *Liburnia leptosoma* Edwards, Trans. Nat. Soc. Norwich 3: 713. [Listed.]<sup>5</sup>
- 1885 *Delphax leptosoma* Ivanoff, Liste des Cigales :89 (7). [Listed.] :115. (33) [Key.]
- 1885 *Delphax leptosoma* Puton, Rev. Ent. 4: 138. Equals *Delphax fuscipennis* Kirschb.
- 1885 *Delphax leptosoma* Then, Kat. Österreichischen Cicad. 1886: 15. [Listed.]<sup>10</sup>
- 1886 *Delphax leptosoma* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>8</sup> Equals *Delphax heydeni* Kirschb. Equals *Delphax albolimbata* Kirschb. Equals *Delphax albofimbriata* Curt. Equals *Delphax fuscipennis* Kirschb. Equals *Delphax apicalis* Curt.
- 1886 *Liburnia leptosoma* Edwards, Syn. British Homop.-Cicadina Pt. 1: 77. [Described.]<sup>12</sup> Equals *Delphax leptosoma* Flor. Equals *Delphax heydenii* Kirschb. Equals *Delphax albolimbata* Kirschb. Equals *Delphax albofimbriata* Fieb. Equals *Liburnia albofimbriata* Scott. :60. [Key.]
- 1888 *Delphax leptosoma* Dubois, Mém. Soc. Linn. Nord France 7: 156 (60). [Listed.]<sup>6</sup>
- 1890 *Delphax leptosoma* Dominique, Ann. Soc. Acad. Loire-Inférieure 1890: 110 (26). [Listed.]<sup>6</sup>
- 1890 *Liburnia leptosoma* Saunders and Edwards, Cat. British Hemiptera 1890: 12. [Listed.]<sup>12</sup>
- 1890 *Liburnia leptosoma* Buckton, Mon. British Cicadae 2: 44; Pl. xiii, Fig. 13. [Described, illustrated.]<sup>4,6,7,12</sup> Equals *Delphax leptosoma* Flor. Equals *Delphax heydenii* Kirschb. Equals *Delphax albolimbata* Kirschb. Equals *Delphax albofimbriata* Fieb. Equals *Liburnia albofimbriata* Scott.
- 1890 *Liburnia leptisoma* [sic] Buckton, Mon. British Cicadae 3: 65. [Synopsis.]
- 1890 *Liburnia leptisoma* [sic] *alboarginata* Buckton, Mon. British Cicadae 3: 65. [Synopsis.]
- 1891 *Delphax leptosoma* Fokker, Compte Rendu Soc. Ent. Belgique 35: cccxli. [Listed.]<sup>11</sup>
- 1892 *Liburnia leptosoma* Saunders, Ent. Monthly Mag. 28: 218. [Listed.]<sup>5</sup>
- 1892 *Delphax leptosoma* Carpentier and Dubois, Mém. Soc. Linn. Nord France 8: 433. [Listed.]<sup>6</sup>
- 1892 *Delphax leptosoma* Ferrari, Ann. Mus. Genova (2) 12: 569 (21). [Listed.]<sup>9</sup>
- 1892 *Delphax leptosoma* Dominique, Bull. Soc. Sci. Nat. Quest France 2: 116. [Listed.]<sup>6</sup>
- 1892 *Delphax leptosoma* Lethierry, Rev. Hémip. Belgique :22. [Listed.]<sup>11</sup>
- 1892 *Delphax leptosoma* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1) [Listed.]<sup>11</sup>
- 1893 *Delphax leptosoma* Bezzi, Bull. Soc. Ent. Italiana 25: 108 (28). [Listed.]<sup>9</sup>
- 1894 *Liburnia leptosoma* Edwards, Hemip.-Homop. British Islands Pt. 2: 56; Pl. 6, Fig. 7. [Described, illustrated.]<sup>12</sup> :35. [Key.]
- 1896 *Liburnia leptosoma* Melichar, Cicad. Mittel-Europa :84; Pl. v, Figs. 30, 31. [Described, illustrated.]<sup>4,10</sup> Equals *Liburnia heydeni* Kirschb. Equals *Liburnia albolimbata* Kirschb. Equals *Liburnia albofimbriata* Scott. :73. [Key.]
- 1897 *Delphax leptosoma* Horváth, Fauna Regni Hungariae :57. [Listed.]<sup>13</sup>
- 1899 *Delphax leptosoma* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>8</sup> Equals *Delphax heydeni* Kirschb. Equals *Delphax albolimbata* Kirschb. Equals

*Delphacodes*

- Delphax albofimbriata* Curt. Equals *Delphax apicalis* Curt. Equals *Delphax fuscipennis* Kirschb.
- 1901 *Delphax leptosoma* Lambertie, Act. Soc. Linn. Bordeaux 56: 217 (89). [Listed.]<sup>6</sup>
- 1902 *Liburnia leptosoma* Cobelli, Cicadine Trentino :10. [Listed.]<sup>9</sup>
- 1902 *Delphax leptosoma* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) 2: 223. [Listed.]<sup>6</sup>
- 1903 *Delphax leptosoma* Horváth, Ann. Mus. Nat. Hungarici 1: 28. [Listed.]<sup>4</sup>
- 1904 *Delphax leptosoma* Hüeber, Syst. Verz. deutschen Zikaden :269. [Listed.]<sup>4</sup> Equals *Delphax heydeni* Kirschb. Equals *Delphax albolimbata* Kirschb. Equals *Delphax albofimbriata* Curt. Equals *Delphax fuscipennis* Kirschb. Equals *Delphax apicalis* Curt.
- 1906 *Delphax leptosoma* Matsumura, Schr. Nat. Ges. Danzig 11: 76. [Listed.]<sup>4</sup>
- 1907 *Delphax leptosoma* Oshanin, Verz. Palaeark. Hemip. 2 (2): 320. [Listed.]<sup>1,4,6,7,9,10,12,13,15,16</sup> Equals *Delphax heydeni* Kirschb. Equals *Delphax albolimbata* Kirschb. Equals *Delphax fuscipennis* Kirschb. Equals *Delphax albofimbriata* (Curtis) Fieb. Equals *Liburnia albofimbriata* Scott. Equals *Liburnia leptosoma* Scott.
- 1908 *Delphax leptosoma* Saunders and Edwards, Cat. British Hemiptera 1908: 15. [Listed.]<sup>12</sup>
- 1909 *Delphax leptosoma* Lambertie, Proc. Verb. Soc. Linn. Bordeaux 63: cxlvii. [Listed.]<sup>6</sup>
- 1909 *Delphax leptosoma* Lambertie, Act. Soc. Linn. Bordeaux 63: xlvi. [Listed.]<sup>6</sup>
- 1909 *Delphax leptosoma* Lambertie, Bull. Soc. Ent. France 1909: 48. [Listed.]<sup>6</sup>
- 1910 *Delphax leptosoma* Lambertie, Misc. Ent. 18: 93. [Listed.]<sup>6</sup> Equals *Delphax heydeni* Kirschb. Equals *Delphax albolimbata* Kirschb. Equals *Delphax albofimbriata* Curt. Equals *Delphax fuscipennis* Kirschb. Equals *Delphax apicalis* Curt.
- 1912 *Delphax leptosoma* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>17</sup> Equals *Delphax heydeni* Kirschb. Equals *Delphax fuscipennis* Kirschb. Equals *Delphax albolimbata* Kirschb. Equals *Delphax albofimbriata* Fieb.
- 1913 *Liburnia leptosoma* Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]
- 1915 *Liburnia leptosoma* Jensen-Haarup, Flora och Fauna 1915: 139. [Key.]
- 1915 *L[iburnia] leptosoma* Matsumura, Trans. Sapporo Nat. Hist. Soc. 5: 179. [Comparative note.]
- 1915 *Liburnia leptosoma* Jacobsen, Ent. Medd. 10: 320. [Listed.]<sup>18</sup>
- 1916 *Liburnia leptosoma* Jensen-Haarup, Flora och Fauna 1916: 35. [Described.]<sup>18</sup>
- 1920 *Liburnia leptosoma* Jensen-Haarup, Danmarks Fauna :56; Figs. 29a, b. [Described, illustrated.]<sup>18</sup> :48. [Key.]
- 1923 *Criomorphus apicalis* Sherborn, Index Animalium 3: 394. [Listed.] [nom. nud.]
- 1923 *Asiraca apicalis* Sherborn, Index Animalium 3: 393. [Listed.] [nom. nud.]
- 1925 *Delphax leptosoma* Haupt, Mitt. Münchner Ent. Ges. 15: 18. [Listed.]<sup>4</sup>
- 1927 *Delphax leptosoma* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 144. [Listed.]<sup>6</sup>
- 1928 *Delphax leptosoma* Ivanov, Mém. Acad. Sci. Ukraine 6: 198. [Listed.]<sup>16</sup>
- 1928 *Delphax leptosoma* Ivanov, Trav. Mus. Zool. 1928: 502. [Listed.]<sup>16</sup>
- 1934 *Delphax leptosoma* Ossiannilsson, Ent. Tidskr. 55: 139. [Listed.]<sup>9</sup>
- 1935 *Delphax leptosoma* Halbert, Proc. R. Irish Acad. 42 (Sect. B): 310. [Listed.]<sup>2</sup>
- 1935 *Liburnia leptosoma* Haupt, Tierwelt Mitteleuropas 4 (3): 145; Fig. 266. [Key, illustrated.]
- 1935 *Liburnia leptosoma* Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 8. [Listed.]<sup>4</sup>
- 1937 *Liburnia leptosoma* Kuntze, Arch. Nat. [n. f.] 6: 307, 330, 333, 356. [Ecology.]<sup>4</sup>
- 1937 *Liburnia leptosoma* Lindberg, Not. Ent. 17: 61. [Notes.]<sup>3,17,19,20</sup> Equals *Liburnia lucticolor* Sahlb. [error.]

*leptypha* Amyot

- 1847 *Leptyphus* Amyot, Ann. Soc. Ent. France (2) 5: 170. [Described.]<sup>1</sup> France<sup>1</sup>  
[nom. binom.] Europe<sup>2</sup>
- 1848 *Leptyphus* Amyot, Méth. Mon. :366. [Described.]<sup>1</sup> [nom. binom.]
- 1851 *Delphax leptychus* [sic] Walker, List Homop. British Mus. 2: 353. [Listed.]<sup>2</sup> Equals *Leptyphus* Amyot [non. binom.]

- 1869 *Delphax leptyphus* Lethierry, Cat. Hémp. du Nord :353. [Listed.]<sup>1</sup>  
 1927 *Leptyphus* Sherborn, Index Animalium 14: 3505. [Listed.] [non. binom.]

### lethierryi Scott

- 1873 *Liburnia lethierryi* Scott, Ent. Monthly Mag. 10: 105. [n. sp.]<sup>1</sup> Italy<sup>1</sup>  
 1875 *Delphax lethierryi* Puton, Cat. Hémp. d'Europe 2 Ed. :119. Sardinia<sup>2</sup>  
 [Listed.]<sup>1</sup>  
 1882 *Delphax lethierryi* Ferrari, Cicad. Agr. Ligustici :91 (19). [Listed.]<sup>1</sup> Equals *Liburnia lethierryi* Scott.  
 1886 *Delphax lethierryi* Puton, Cat. Hémp. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>1</sup>  
 1888 *Delphax lethierryi* Costa, Atti. Acc. Sci. Napoli (2) 1 (9): 39. [Listed.]<sup>2</sup>  
 1892 *Delphax lethierryi* Ferrari, Ann. Mus. Genova (2) 12: 569 (21). [Listed.]<sup>1</sup>  
 1899 *Delphax lethierryi* Puton, Cat. Hémp. Faune Paléarctique 4 Ed. :107. [Listed.]<sup>1</sup>  
 1907 *Delphax lethierryi* Oshanin, Verz. Palaeark. Hemip. 2 (2) :314. [Listed.]<sup>1</sup> Equals *Liburnia lethierryi* Scott.  
 1912 *Delphax lethierryi* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>1</sup>

*limbata* Fabricius. See *Conomelus anceps* Germar.

### limitata Fieber

- 1866 *Delphax limitata* Fieber, Verh. Zool. Bot. Ges. Wien 16: 528; Pl. Austria<sup>1</sup>  
 viii, Fig. 48. [n. sp., illustrated.]<sup>1</sup> :532. [Listed.] France<sup>2</sup>  
 1870 *Liburnia limitata* Scott, Ent. Monthly Mag. 7: 75. [Listed.] Germany<sup>3</sup>  
 1866 *Delphax limitata* Fieber, Verh. Zool. Bot. Ges. Wien 16: 532. Belgium<sup>4</sup>  
 [Listed.] Central Europe<sup>5</sup>  
 1875 *Delphax limitata* Puton, Cat. Hémp. d'Europe 2 Ed. :121. Czechoslovakia<sup>6</sup>  
 [Listed.]<sup>2,3</sup> Poland<sup>7</sup>  
 1872 *Liburnia limitata* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>1</sup>  
 1878 *Delphax limitata* Reiber, Bull. Soc. Hist. Nat. Colmar 18: 75. [Listed.]<sup>2</sup>  
 1879 *Liburnia limitata* Fieber, Cicad. d'Europe Pt. 4: 115 (51). [Key.]<sup>1</sup> Equals *Delphax limitata* Fieb. :132 (68). [Key.]  
 1880 *Delphax limitata* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 56. [Listed.]<sup>2</sup>  
 1884 *Delphax limitata* Mayr, Tabellen :21. [Listed.]<sup>1</sup>  
 1886 *Delphax limitata* Puton, Cat. Hémp. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>2,3</sup>  
 1886 *Delphax limitata* Then, Kat. Österreichischen Cicad. 1886: 16. [Listed.]<sup>1,7</sup>  
 1892 *Delphax limitata* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>4</sup>  
 1896 *Liburnia limitata* Melichar, Cicad. Mittel-Europa :90. [Described.]<sup>1,6</sup> :73. [Key.]  
 1899 *Delphax limitata* Puton, Cat. Hémp. Faune Paléarctique 4 Ed. 108. [Listed.]<sup>1,2,3</sup>  
 1904 *Delphax limitata* Hüeber, Syst. Verz. deutschen Zikadinen :270. [Listed.]<sup>3</sup>  
 1907 *Delphax limitata* Oshanin, Verz. Palaeark. Hemip. 2 (2) :325. [Listed.]<sup>1,2,3</sup> Equals *Liburnia limitata* Fieb.  
 1912 *Delphax limitata* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>5</sup>

### lineatipes Van Duzee

- 1894 *Liburnia lineatipes* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: New York<sup>1</sup>  
 191. [Listed.]<sup>1</sup> [nom. nud.] Ontario<sup>2</sup>  
 1897 *Liburnia lineatipes* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 255. Ohio<sup>3</sup>  
 [n. sp.]<sup>1,2</sup> :227. [Listed.] :252, 256, 259. [Comparative note.] California<sup>4</sup>  
 1904 *Liburnia lineatipes* Osborn, Ohio Nat. 4: 100. [Listed.]<sup>3</sup> Eastern States<sup>5</sup>  
 1904 *Liburnia lineatipes* Swezey, Prelim. Cat. Fulgoridae North United States<sup>6</sup>  
 America 1904: 41. [Listed.]<sup>1,2,3</sup> Massachusetts<sup>7</sup>  
 1912 *Liburnia lineatipes* Spooner, Canadian Ent. 44: 241. [Comparative note.]  
 1914 *M[egamelus] lineatipes* Crawford, Mon. Delphacidae :630. [Comparative note.]  
 1914 *Liburnia lineatipes* Van Duzee, Trans. San Diego Soc. Nat. Hist. 2: 45. [Listed.]<sup>4</sup>



*Delphacodes*

- 1914 *Megamelus lineatipes* Crawford, Mon. Delphacidae :629. [Listed.]<sup>1,2,3</sup> Equals *Liburnia lineatipes* Van Duz. :607. [Key.]
- 1916 *Liburnia lineatipes* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>5</sup>
- 1917 *Liburnia lineatipes* Van Duzee, Cat. Hemip. America :778. [Listed.]<sup>1,2,3,4</sup>
- 1917 [*Liburnia*] *lineatipes* Van Duzee, Proc. California Acad. Sci. 7: 318. [Note.]
- 1923 *Liburnia lineatipes* Metcalf, Jour. Elisha Mitchell Soc. 38: 172; Pl. 70, Fig. 694. [Key, illustrated.]
- 1923 *Liburnia lineatipes* Van Duzee, Fulgoridae Hemip. Connecticut :55. [Notes.]<sup>1,4</sup> :53. [Key.]
- 1924 *Delphacodes lineatipes* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 21; Pl. 1, Fig. 2; Pl. 5, Figs. 79, 80. [Described, illustrated.]<sup>1,2,3</sup> Equals *Liburnia lineatipes* Van Duz. :19. [Comparative note.]
- 1928 *Delphacodes lineatipes* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 182. [Listed.]<sup>1</sup>
- 1930 *Delphacodes lineatipes* Johnson, Publ. Nantucket Maria Mitchell Assoc. 3 (2): 36. [Listed.]<sup>7</sup>
- 1935 [*Delphacodes*] *lineatipes* Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 254. [Comparative note.]
- 1938 *Delphacodes lineatipes* Osborn, Bull. Ohio Biol. Surv. 6: 338. [Key.] :342; Fig. 41. [Described, illustrated.]<sup>3,6</sup>

*litoralis* Reuter

- 1880 *Liburnia litoralis* Reuter, Medd. Soc. Fauna Fl. Fennica 5: 198. Finland<sup>1</sup>  
[n. sp.]<sup>1</sup> Scandinavia<sup>2</sup>
- 1886 *Delphax littoralis* [sic] Puton, Cat. Hémip. Faune Paléarctique 3 Germany<sup>3</sup>  
Ed. :74. [Listed.]<sup>2</sup>
- 1899 *Delphax littoralis* [sic] Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>1,2</sup>
- 1907 *Delphax littoralis* [sic] Oshanin, Verz. Palaeark. Hemip. 2 (2): 326. [Listed.]<sup>1,3</sup> Equals *Liburnia littoralis* [sic] Reut.
- 1912 *Delphax littoralis* [sic] Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>1,3</sup>
- 1924 *Liburnia littoralis* [sic] Lindberg, Acta Soc. Fauna Flora Fennica 56: 39, 46. [Listed.]<sup>1</sup>

*longispina* Muir

- 1929 *Delphacodes longispinus* Muir, Ann. Mag. Nat. Hist. (10) 4: 219; Orange Free  
Figs. 53, 54. [n. sp., illustrated.]<sup>1</sup> State<sup>1</sup>

*lucticolor* Sahlberg

- 1868 *Delphax lucticolor* Sahlberg, Not. Fennica [n. s.] 9 (9) :189. [n. sp.]<sup>1</sup> Finland<sup>1</sup>  
:218. [Notes.]<sup>1</sup> Scandinavia<sup>2</sup>
- 1871 *Liburnia lucticolor* Sahlberg, Not. Fennica [n. s.] 9 (12): 465. [De- Russia<sup>3</sup>  
scribed.]<sup>1</sup> Equals *Delphax lucticolor* Sahlb. :424. [Key.] :58.  
[Listed.]<sup>1</sup> :30. [Ecology.]
- 1875 *Delphax lucticolor* Puton, Cat. Hémip. d'Europe 2 Ed. :121. [Listed.]<sup>2</sup>
- 1886 *Delphax lucticolor* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>2</sup>
- 1899 *Delphax lucticolor* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :109. [Listed.]<sup>1,2</sup>
- 1907 *Delphax lucticolor* Oshanin, Verz. Palaeark. Hemip. 2 (2): 329. [Listed.]<sup>3</sup> Equals *Liburnia lucticolor* Sahlb.
- 1912 *Delphax lucticolor* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>3</sup>
- 1924 *Liburnia lucticolor* Lindberg, Acta Soc. Fauna Flora Fennica 56: 46. [Listed.]<sup>1</sup>
- 1937 *Liburnia lucticolor* Lindberg, Not. Ent. 17: 61. To *Liburnia leptosoma* Flor. [error.]

*lugubrina* Boheman

- 1847 *Delphax lugubrina* Boheman, Öfv. Svenska Vet. Akad. Förh. Sweden<sup>1</sup>  
1847: 266. [n. sp.]<sup>1</sup> England<sup>2</sup>
- 1847 *Delphax lugubrina* Boheman, Handl. Svenska Vet. Akad. 1847: Estonia<sup>3</sup>  
55. [Described.]<sup>1</sup> Poland<sup>4</sup>

- 1850 *Delphax lugubrina* Schaum, Allg. Encykl. Ersch und Gruber 51: 69. [Listed.]<sup>1</sup> Germany<sup>5</sup>  
Finland<sup>6</sup>
- 1851 *Delphax lugubrina* Walker, List Homop. British Mus. 2: 358. Western Europe<sup>7</sup>  
[Listed.]<sup>1</sup>
- 1852 *Delphax lugubrina* Boheman, Handl. Svenska Vet. Akad. 1851: 116. [Notes.]<sup>1</sup> France<sup>8</sup>  
Scandinavia<sup>9</sup>
- 1852 *Delphax lugubrina* Boheman, Handl. Svenska Vet. Akad. 1851: 115, 116, 117. [Comparative note.] Belgium<sup>10</sup>  
Switzerland<sup>11</sup>
- 1852 *Delphax lugubrinae* [sic] Boheman, Handl. Svenska Vet. Akad. 1851: 115, 116, 117. [Comparative note.] Russia<sup>12</sup>  
Europe<sup>13</sup>
- 1854 *Delphax luburina* Stål, Öfv. Svenska Vet. Akad. Förh. 11: 196. Czechoslovakia<sup>14</sup>  
[Described.]<sup>1</sup> British Isles<sup>15</sup>
- 1858 *Delphax lugubrina* Stål, Öfv. Svenska Vet. Akad. Förh. 15: 357. Hungary<sup>16</sup>  
[Comparative note.] Austria<sup>17</sup>
- 1859 *Delphax lugubrinae* [sic] Stål, Freg. Eugénies Resa 4: 275. [Comparative note.] Italy<sup>18</sup>  
Central Europe<sup>19</sup>
- 1859 *Delphax lugubrina* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup> Denmark<sup>20</sup>
- 1860 *Delphax lugubrina* Walker, List British Hemip. :17. [Listed.]<sup>2</sup>
- 1861 *Delphax lugubrina* Flor, Rhynch. Livlands 2: 73. [Described.]<sup>1,3</sup> Northern Europe<sup>21</sup>  
:37, 39. [Key.]
- 1865 *Delphax lugubrinus* Marshall, Ent. Monthly Mag. 1: 272. [Described.]<sup>15</sup> :199. [Key.] Lapland<sup>22</sup>  
Ireland<sup>23</sup>
- 1866 *Delphax lugubrina* Fieber, Verh. Zool. Bot. Ges. Wien 16: Pl. viii, Fig. 39. [Illustrated.]
- 1867 *Delphax lugubrina* Sahlberg, Not. Fennica [n. s.] 8: 231. [Listed.]<sup>22</sup>
- 1868 *Delphax lugubrina* Kirschbaum, Cicad. Wiesbaden :33. [Key.]<sup>5</sup>
- 1868 *Delphax lugubrina* Sahlberg, Not. Fennica [n. s.] 9 (9): 218. [Notes.]<sup>6</sup> :188. [Listed.]<sup>5</sup>
- 1870 *Liburnia lugubrina* Scott, Ent. Monthly Mag. 7: 28. [Key.]
- 1871 *Liburnia lugubrina* Sahlberg, Not. Fennica [n. s.] 9 (12): 446. [Described.]<sup>1,6</sup> Equals  
*Delphax lugubrina* Boh. :424. [Key.] :56. [Listed.]<sup>1,6</sup> :39. [Ecology.]
- 1872 *Liburnia lugubrina* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>7</sup>
- 1874 *Delphax lugubrina* Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 83. [Listed.]<sup>5</sup>
- 1874 *Liburnia lugubrina* Lethierry, Cat. Hémipt. Dept. du Nord Second Ed. :258 (54). [Listed.]<sup>8</sup>
- 1875 *Delphax lugubrina* Puton, Cat. Hémipt. d'Europe 2 Ed. :120. [Listed.]<sup>8,9,15</sup>
- 1875 *Liburnia lugubrina* Reuter, Öfv. Svenska Vet. Akad. Förh. 32: 57. [Described.]
- 1876 *Liburnia lugubrina* Douglas and Scott, Cat. British Hemip. :69. [Listed.]<sup>15</sup> Equals  
*Delphax lugubrina* Boh.
- 1878 *Delphax lugubrina* Lethierry, Ann. Soc. Ent. Belgique 21: xxxvii. [Listed.]<sup>10</sup>
- 1879 *Liburnia lugubrina* Fieber, Cicad. d'Europe Pt. 4: 107 (43). [Key.]<sup>1,2,3,5,8,11</sup> Equals  
*Delphax lugubrina* Boh. :130 (66). [Key.]
- 1880 *Liburnia lugubrina* Reuter, Medd. Soc. Fauna Fl. Fennica 5: 201. [Described.]<sup>5</sup>
- 1880 *Delphax lugubrina* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 56. [Listed.]<sup>8</sup>
- 1884 *Delphax lugubrina* Mayr, Tabellen :21. [Listed.]<sup>5,11</sup>
- 1895 *Delphax lugubrina* Wüstnei, Schr. Nat. Ver. Schleswig-Holsteins. 10: 269. [Listed.]<sup>5</sup>
- 1886 *Delphax lugubrina* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>5,8,9,12,15,17</sup>
- 1886 *Liburnia lugubrina* Edwards, Syn. British Homop.-Cicadina Pt. 1: 76. [Described.]<sup>15</sup>  
Equals *Delphax lugubrina* Boh. :59. [Key.]
- 1890 *Liburnia lugubrina* Saunders and Edwards, Cat. British Hemiptera 1890: 12. [Listed.]<sup>15</sup>
- 1890 *Liburnia lugubrina* Buckton, Mon. British Cicadae 2: 45; Pl. xiv, Figs. 1, 2. [Described, illustrated.]<sup>4,13</sup> Equals *Delphax lugubrina* Boh.
- 1890 *Liburnia lugubrina* Buckton, Mon. British Cicadae 3: 66. [Synopsis.]
- 1892 *Delphax lugubrina* Duda, Cat. Ins. Faunae Bohemicae :29. [Listed.]<sup>14</sup>
- 1892 *Delphax lugubrina* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>10</sup>

*Delphacodes*

- 1892 *Delphax lugubrina* Lethierry, Rev. Hémip. Belgique :22. [Listed.]<sup>10</sup>  
 1894 *Liburnia lugubrina* Edwards, Hemip.-Homop. British Islands Pt. 2: 55. [Described.]<sup>15</sup> :35. [Key.]  
 1896 *Liburnia lugubrina* Melichar, Cicad. Mittel-Europa :87; Pl. v, Figs. 41, 42. [Described, illustrated.]<sup>6,14</sup> :73. [Key.]  
 1897 *Delphax lugubrina* Horváth, Fauna Regni Hungariae :57. [Listed.]<sup>16</sup>  
 1898 *Delphax lugubrina* Dubois, Mém. Soc. Linn. Nord France 9: 235. [Listed.]<sup>8</sup>  
 1899 *Delphax lugubrina* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>5,6,8,9,12,15,17</sup>  
 1903 *Delphax lugubrina* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 63 (23). [Listed.]<sup>18</sup>  
 1904 *Delphax lugubrinae* [sic] Horváth, Ann. Mus. Nat. Hungarici 2: 590. [Comparative note.]  
 1904 *Liburnia lugubrina* Melichar, Ent. Jahrb. 13: 216. [Mimicry.]  
 1904 *Delphax lugubrina* Hübner, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>6</sup>  
 1906 *Delphax lugubrina* Matsumura, Schr. Nat. Ges. Danzig 11: 76. [Listed.]<sup>5</sup>  
 1907 *Delphax lugubrina* Oshanin, Verz. Palaeark. Hemip. 2 (2): 323. [Listed.]<sup>1,3,4,6,8,11,15,16,17</sup>  
 Equals *Liburnia lugubrina* Sahlb.  
 1908 *Delphax lugubrina* Saunders and Edwards, Cat. British Hemiptera :15. [Listed.]<sup>15</sup>  
 1908 *Delphax lugubrina* Oshanin, Verz. Palaeark. Hemip. 2 (3): 453. [Listed.]<sup>10</sup>  
 1912 *Delphax lugubrina* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>19</sup>  
 1912 *Liburnia lugubrina* Schmidt, Stett. Ent. Zeit. 73: 150. [Notes.]<sup>5</sup>  
 1915 *Liburnia lugubrina* Jacobsen, Ent. Medd. 10: 320. [Listed.]<sup>20</sup>  
 1915 *Liburnia lugubrina* Jensen-Haarup, Flora och Fauna 1915: 139. [Key.]  
 1916 *Liburnia lugubrina* Jensen-Haarup, Flora och Fauna 1916: 34. [Described.]<sup>20</sup>  
 1920 *Delphax lugubrina* Tullgren and Wahlgren, Svenska Insekter 1920: 152. [Notes.]<sup>1</sup>  
 1920 *Liburnia lugubrina* Jensen-Haarup, Danmarks Fauna :56; Figs. 29c, d. [Described, illustrated.]<sup>19,20,21</sup> :48. [Key.]  
 1924 *Liburnia lugubrina* Lindberg, Acta Soc. Fauna Flora Fennica 56: 46. [Listed.]<sup>6</sup>  
 1927 *Delphax lugubrina* Sherborn, Index Animalium 14: 3697. [Listed.]  
 1927 *Delphax lugubrina* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 143. [Listed.]<sup>8</sup>  
 1928 *Delphax lugubrina* Ivanov, Mém. Acad. Sci. Ukraine 6: 198. [Listed.]<sup>12</sup>  
 1928 *Delphax lugubrina* Ivanov, Trav. Mus. Zool. 1928: 502. [Listed.]<sup>12</sup>  
 1935 *Liburnia lugubrina* Haupt, Tierwelt Mitteleuropas 4 (3): 141; Fig. 244. [Key, illustrated.]  
 1935 *Delphax lugubrina* Halbert, Proc. R. Irish Acad. 42 (Sect. B): 310. [Listed.]<sup>23</sup>  
 1935 *Liburnia lugubrina* Wagner, Verh. Ver. Naturw. Heimatforschung, 24: 8. [Listed.]<sup>6</sup>  
 1935 *Liburnia lugubrina* Karl, Dohrniana. 14: 140. [Listed.]<sup>5</sup>  
 1937 *Liburnia lugubrina* Kuntze, Arch. Nat. [n. f.] 6: 333, 356. [Ecology.]<sup>5</sup>  
 1939 *Liburnia lugubrina* Hassan, Trans. Ent. Soc. London 89: 363. [Parasites.]<sup>4</sup>

**lugubrina** var. **albidoflavus** nom. nov. for *Liburnia lugubrina* var. *a* Reuter.

- 1880 *Liburnia lugubrina* var. *a* Reuter, Medd. Soc. Fauna Fl. Fennica Finland<sup>1</sup>  
 5: 201. [n. var.]<sup>1</sup>

**lugubrina** var. **bimacula** nom. nov. for *Liburnia lugubrina* var. *c* Reuter.

- 1880 *Liburnia lugubrina* var. *c* Reuter, Medd. Soc. Fauna Fl. Fennica Finland<sup>1</sup>  
 5: 201. [n. var.]<sup>1</sup>

**lugubrina** var. **piceonigra** nom. nov. for *Liburnia lugubrina* var. *b* Reuter.

- 1880 *Liburnia lugubrina* var. *b* Reuter, Medd. Soc. Fauna Fl. Fennica Finland<sup>1</sup>  
 5: 201. [n. var.]<sup>1</sup>

*lugubrinae* Fieber (var.). See *Delphacodes exigua* var. *arida* Metcalf.

*lutulenta* Van Duzee

- 1894 *Liburnia lutulenta* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 191. New York<sup>1</sup>  
[Listed.]<sup>1</sup> [nom. nud.] Ohio<sup>2</sup>
- 1897 *Liburnia lutulenta* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 252. United States<sup>3</sup>  
[n. sp.]<sup>1</sup> :227. [Listed.] :252, 253. [Comparative note.] Kansas<sup>4</sup>
- 1903 *Liburnia lutulenta* MacGillivray and Houghton, Ent. News 14: Quebec<sup>5</sup>  
264. [Listed.]<sup>1</sup> California<sup>6</sup>
- 1903 *Liburnia lutulenta* Swezey, Ohio Nat. 3: 444, 447; Pl. 21, Fig. 13. Massachusetts<sup>7</sup>  
[Parasites, illustrates.]<sup>2</sup> Minnesota<sup>8</sup>
- 1904 *Liburnia lutulenta* Osborn, Ohio Nat. 4: 100. [Listed.]<sup>2</sup> Canada<sup>9</sup>
- 1904 *Liburnia lutulenta* Osborn, Proc. Soc. Prom. Agr. Sci. 25: 33. Colorado<sup>10</sup>  
[Economics.]<sup>2,3</sup> Eastern States<sup>11</sup>
- 1904 *Liburnia lutulenta* Swezey, Bull. United States Dept. Agr. Div. Ontario<sup>12</sup>  
Ent. [n. s.] 46: 45. [Life history, notes.]<sup>2</sup> New
- 1904 *Liburnia lutulenta* Young, Prelim. Cat. Fulgoridae North Hampshire<sup>13</sup>  
America 1904: 40. [Listed.]<sup>1,2</sup> Connecticut<sup>14</sup>
- 1905 *Liburnia lutulenta* Van Duzee, Bull. New York State Mus. 97: Porto Rico<sup>15</sup>  
553. [Listed.]<sup>1</sup>
- 1906 *Liburnia lutulenta* Slosson, Ent. News 17: 326. [Listed.]<sup>13</sup>
- 1907 *Liburnia lutulenta* Tucker, Bull. Kansas Univ. Sci. 4: 65. [Listed.]<sup>4</sup>
- 1907 *Liburnia lutulenta* Moore, Canadian Ent. 39: 189. [Listed.]<sup>5</sup>
- 1909 *Liburnia lutulenta* Pierce, Bull. United States Nat. Mus. 66: 178. [Parasitism]<sup>2,5</sup>
- 1910 *Liburnia lutulenta* Young, Bull. New York State Mus. 141: 124. [Listed.]<sup>1</sup>
- 1914 *Megamelus lutulentus* Crawford, Mon. Delphacidae :617; Pl. 49, Fig. D. [Described,  
illustrated]<sup>7,8,9,10</sup> Equals *Liburnia lutulenta* Van Duz. :606. [Key.]
- 1916 *Liburnia lutulenta* [sic] Van Duzee, Check List Hemip. America :84. [Listed.]<sup>9,11</sup>
- 1917 *Liburnia lutulenta* Van Duzee, Cat. Hemip. America :777. [Listed.]<sup>1,2,4,5,7,8,10,12,13</sup>  
Equals *Megamelus lutulenta* Van Duz.
- 1918 *Liburnia lutulenta* Fenton, Ohio Jour. Sci. 18: 190, 254, 255. [Parasite.]<sup>2</sup>
- 1918 *Liburnia lutulenta* Pierce, Proc. United States Nat. Mus. 54: 487. [Parasitized.]<sup>2</sup>
- 1920 *Liburnia lutulenta* Britton, Check-List Ins. Connecticut :47. [Listed.]<sup>14</sup>
- 1920 *Liburnia lutulenta* Spooner, Ent. News 31: 44. [Ecology.]<sup>1</sup>
- 1922 *Liburnia lutulenta* Osborn, Tech. Publ. New York St. Coll. For. 16: 51. [Ecology.]<sup>1</sup>
- 1923 *Liburnia lutulenta* Balduf, Bull. Ohio Agr. Exp. Sta. 366: 165. [Listed.]<sup>2</sup>
- 1923 *Liburnia lutulenta* Metcalf, Jour. Elisha Mitchell Soc. 38: 171; Pl. 61, Figs. 451,  
452; Pl. 69, Fig. 681. [Key, illustrated.]<sup>2</sup>
- 1923 *Liburnia lutulenta* Van Duzee, Fulgoridae Hemip. Connecticut [Notes.]<sup>7,10,14</sup> :53.  
[Key.]
- 1924 *Delphacodes lutulenta* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 23;  
Pl. 3, Fig. 23; Pl. 5, Figs. 69, 71. [Described, illustrated.]<sup>1</sup> Equals *Liburnia lutulenta*  
Van Duz. :24. [Comparative note.]
- 1928 *Delphacodes lutulenta* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 182. [Listed.]<sup>1</sup>
- 1929 *Delphacodes lutulenta* Osborn, Jour. Dept. Agr. Porto Rico 13: 112. [Listed.]<sup>15</sup>
- 1935 *Delphacodes lutulenta* Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 253.  
[Described.]<sup>15</sup> Equals *Liburnia lutulenta* Van Duz.
- 1936 *Delphacodes lutulenta* Wolcott, Jour. Agr. Univ. Puerto Rico 20: 109. [Listed.]<sup>15</sup>
- 1938 *Delphacodes lutulenta* Osborn, Bull. Ohio Biol. Surv. 6: 338. [Key.] :342; Figs. 39,  
41. [Described, illustrated.]<sup>2</sup>
- 1938 [*Liburnia*] *lutulenta* Osborn, Bull. Ohio Biol. Surv. 6: 347. [Comparative note.]
- 1939 *Delphacodes lutulenta* Hassan, Trans. Ent. Soc. London 89: 364. [Parasites.]<sup>2</sup> Equals  
*Liburnia lutulenta* Van Duz.

*lutulentella* Muir and Giffard

- 1924 *Delphacodes lutulentella* Muir and Giffard, Bull. Hawaiian Sugar California<sup>1</sup>  
Pl. Assoc. 15: 24; Pl. 3, Figs. 22, 26. [n. sp., illustrated.]<sup>1</sup> :23. [Com-  
parative note.]



*Delphacodes***lyraeformis** Matsumura

- 1900 *Liburnia lyraeformis* Matsumura, Ent. Nachr. 26: 267. [n. sp.]<sup>1</sup> Japan<sup>1</sup>  
 1900 *Liburnia* [*lyraeformis*] Matsumura, Ent. Nachr. 26: 268, 269.  
 [Comparative note.]  
 1907 *Delphax lyraeformis* Oshanin, Verz. Palaeark. Hemip. 2 (2): 330.  
 [Listed.]<sup>1</sup> Equals *Liburnia lyraeformis* Mats.  
 1912 *Delphax lyraeformis* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>1</sup>

**macroptera** Costa

- 1834 *Delphax macroptera* Costa, Cenni Zool. :85. [n. sp.]<sup>1</sup> Italy<sup>1</sup>  
 1872 *Liburnia macroptera* Fieber, Kat. Europäischen Cicad. :6.  
 [Listed.]<sup>1</sup>  
 1875 *Delphax* (?) *macroptera* Puton, Cat. Hémipt. d'Europe 2 Ed. :121. [Listed.]<sup>1</sup>  
 1886 *Delphax* (?) *macroptera* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>1</sup>  
 1899 *Delphax* (?) *macroptera* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :109. [Listed.]<sup>1</sup>  
 1907 *Delphax* (?) *macroptera* Oshanin, Verz. Palaeark. Hemip. 2 (2): 331. [Listed.]<sup>1</sup>  
 1912 *Delphax* (?) *macroptera* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>1</sup>  
 1928 *Delphax macroptera* Sherborn, Index Animalium 15: 3771. [Listed.]

**magna** Crawford

- 1914 *Megamelus magnus* Crawford, Mon. Delphacidae :627; Pl. 48, Fig. Colorado<sup>1</sup>  
 P. [n. sp., illustrated.]<sup>1</sup> :608. [Key.] Rocky  
 1914 *Megamelus* [*magna*] Crawford, Mon. Delphacidae :614. [Comparative Mountains<sup>2</sup>  
 tive note.] Oregon<sup>3</sup>  
 1916 *Liburnia magnus* Van Duzee, Check List Hemip. America :84.  
 [Listed.]<sup>2</sup>  
 1917 *Liburnia muiri* Van Duzee, Proc. California Acad. Sci. 7: 314. [n. sp.]<sup>3</sup>  
 1917 *Liburnia magna* Van Duzee, Cat. Hemip. America :777. [Listed.]<sup>1</sup> Equals *Megamelus*  
*magna* Crawl.  
 1917 [*Liburnia*] *muiri* Van Duzee, Proc. California Acad. Sci. 7: 315, 316. [Comparative  
 note.]  
 1924 *Delphacodes magna* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 29; Pl. 3,  
 Fig. 35; Pl. 5, Fig. 95. [Described, illustrated.]<sup>1-3</sup> Equals *Megamelus magnus* Crawl.  
 Equals *Liburnia muiri* Van Duz. [nom. nud.]

*mahensis* Distant. See *Nilaparvata mahensis* Distant.

**maikoensis** Matsumura

- 1900 *Liburnia maikoensis* Matsumura, Ent. Nachr. 26: 266. [n. sp.]<sup>1</sup> Japan<sup>1</sup>  
 1907 *Delphax maikoensis* Oshanin, Verz. Palaeark. Hemip. 2 (2): 330.  
 [Listed.]<sup>1</sup> Equals *Liburnia maikoensis* Mats.  
 1912 *Delphax maikoensis* Oshanin Kat. Paläark. Hemip. :120 [Listed.]<sup>1</sup>

*ardinnae* Muir. See *Delphacodes havanensis* Crawford.

**marginalis** Motschulsky

- 1863 *Delphax marginalis* Motschulsky, Bull. Soc. Nat. Moscou 36: 108. Ceylon<sup>1</sup>  
 [n. sp.]  
 1891 *Delphax marginalis* Kirby, Jour. Linn. Soc. Zool. 24: 141. [Listed.]<sup>1</sup>  
 1903 *Delphax marginalis* Melichar, Homop.-Fauna Ceylon :104. [Described.]<sup>1</sup>  
 1903 *Liburnia marginalis* Melichar, Homop.-Fauna Ceylon :225. [Listed.]<sup>1</sup>  
 1906 *Liburnia* (?) *marginalis* Distant, Fauna British India 3: 488. [Described.]<sup>1</sup> Equals  
*Delphax marginalis* Motsch.

*marginata* Fabricius. See *Delphacodes pellucida* Fabricius.

*marginata* Haupt. [nec Fabricius]. See *Delphacodes striatella* Fallén.

**marginicornis** Fowler

- 1905 *Liburnia marginicornis* Fowler, *Biologia Centrali-Americana* 1: Mexico<sup>1</sup>  
135; Pl. 13, Figs. 15, 15a. [n. sp., illustrated.]<sup>1</sup>
- 1914 *Megamelus marginicornis* Crawford, *Mon. Delphacidae* :630. [Notes.]<sup>1</sup> Equals  
*Liburnia marginicornis* Fowl.

**marshalli** Scott

- 1873 *Liburnia marshalli* Scott, *Ent. Monthly Mag.* 10: 104. [n. sp.]<sup>1</sup> Corsica<sup>1</sup>
- 1875 *Delphax marshalli* Puton, *Cat. Hémipt. d'Europe* 2 Ed. :119.  
[Listed.]<sup>1</sup>
- 1886 *Delphax marshalli* Puton, *Cat. Hémipt. Faune Paléarctique* 3 Ed. :73. [Listed.]<sup>1</sup>
- 1899 *Delphax marshalli* Puton, *Cat. Hémipt. Faune Paléarctique* 4 Ed. :107. [Listed.]<sup>1</sup>
- 1907 *Delphax marshalli* Oshanin, *Verz. Palaeark. Hemip.* 2 (2): 314. [Listed.]<sup>1</sup> Equals  
*Liburnia marshalli* Scott.
- 1912 *Delphax marshalli* Oshanin, *Kat. Paläark. Hemip.* :119. [Listed.]<sup>1</sup>

**matanitu** Kirkaldy

- 1907 *Delphax matanitu* Kirkaldy, *Bull. Hawaiian Sugar Pl. Assoc.* 3: Fiji<sup>1</sup>  
155; Pl. 16, Figs. 4, 5; Pl. 18, Fig. 15. [n. sp., illustrated.]<sup>1</sup> :151. Papua<sup>2</sup>  
[Key.] :13. [Listed.] (New Guinea)
- 1917 *Delphacodes matanitu* Muir, *Proc. Hawaiian Ent. Soc.* 3: 333. Samoa<sup>3</sup>  
[Listed.]<sup>2</sup> Equals *Delphax matanitu* Kirk. Queensland<sup>4</sup>
- 1918 *Delphacodes matanitu* Muir, *Proc. Hawaiian Ent. Soc.* 3: 427; New Guinea<sup>5</sup>  
Figs. 2, 3. [Listed, illustrated.]<sup>1,2</sup> Natal<sup>6</sup>
- 1920 *Delphax matanitu* Muir, *Bull. Ent. Res.* 10: 139. To *Delphacodes* Cape Province<sup>7</sup>  
*disonymos* Kirk. [error.]
- 1920 *Delphacodes matanitu* Muir, *Bull. Ent. Res.* 10: 139. To *Delphacodes disonymos* Kirk.  
[error.]
- 1924 *Delphacodes matanitu* Muir and Giffard, *Bull. Hawaiian Sugar Pl. Assoc.* 15: 31.  
[Comparative note.]<sup>1,2</sup>
- 1927 *Delphacodes matanitu* Muir, *Fulgoroidea of Samoa* :13. [Notes.]<sup>1,3,4,5</sup> Equals *Delphax*  
*matanitu* Kirk.
- 1929 *Delphacodes matanitu* Muir, *Ann. Mag. Nat. Hist.* (10) 4: 220. [Notes.]<sup>1,2,6,7</sup> Equals  
*Delphax matanitu* Kirk.

**mcateei** Muir and Giffard

- 1924 *Delphacodes mcateei* Muir and Giffard, *Bull. Hawaiian Sugar Pl. Maryland<sup>1</sup>*  
*Assoc.* 15: 25; Pl. 3, Fig. 38; Pl. 5, Fig. 94. [n. sp., illustrated.]<sup>1</sup>

**melanocephala** Fieber

- 1872 *Liburnia melanocephala* Fieber, *Kat. Europäischen Cicad.* :6. Germany<sup>1</sup>  
[Listed.]<sup>1</sup> [nom. nud.] Austria<sup>2</sup>
- 1875 *Delphax melanocephala* Puton, *Cat. Hémipt. d'Europe* 2 Ed. :120. Russia<sup>3</sup>  
[Listed.]<sup>1</sup> [nom. nud.]
- 1879 *Liburnia melanocephala* Fieber, *Cicad. d'Europe Pt.* 4: 101 (37). [n. sp.]<sup>1</sup>
- 1884 *Delphax melanocephala* Mayr, *Tabellen* :21. [Listed.]<sup>1</sup>
- 1885 *Delphax melanocephala* Ivanoff, *Liste des Cigales* :89. (7). [Listed.] :113. (31). [Key.]
- 1886 *Delphax melanocephala* Puton, *Cat. Hémipt. Faune Paléarctique* 3 Ed. :73. [Listed.]<sup>1,2</sup>
- 1896 *Liburnia melanocephala* Melichar, *Cicad. Mittel-Europa* :86. [Described.]<sup>1</sup> :72.  
[Key.]
- 1899 *Delphax melanocephala* Puton, *Cat. Hémipt. Faune Paléarctique* 4 Ed. :108. [Listed.]<sup>1,2</sup>
- 1904 *Delphax melanocephala* Hüeber, *Syst. Verz. deutschen Zikaden* :269. [Listed.]<sup>1</sup>
- 1907 *Delphax melanocephala* Oshanin, *Verz. Palaeark. Hemip.* 2 (2): 322. [Listed.]<sup>1,3</sup>  
Equals *Liburnia melanocephala* Fieb.

*Delphacodes*

- 1912 *Delphax melanocephala* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>1,3</sup>  
 1935 *Liburnia melanocephala* Haupt, Tierwelt Mitteleuropas 4 (3): 141. [Key.]

**melichari** Kirkaldy

- 1903 *Liburnia fumipennis* Melichar, Homop.-Fauna Ceylon :97. Ceylon<sup>1</sup>  
 [n. sp.]<sup>1</sup>  
 1906 *Liburnia fumipennis* Distant, Fauna British India 3: 481. [Described.]<sup>1</sup>  
 1906 *Delphacodes melichari* Kirkaldy, Canadian Ent. 38: 156. nom. nov. for *Liburnia fumipennis* Mel.

**meridionalis** Muir

- 1917 *Delphacodes meridionalis* [sic] Muir, Proc. Hawaiian Ent. Soc. 3: New Zealand<sup>1</sup>  
 334; Pl. 5, Figs. 24, 24a. [n. sp., illustrated.]<sup>1</sup>  
 1923 *Delphacodes meridionalis* Muir, Trans. New Zealand Inst. 54: 259. [Note.]<sup>1</sup>

**metcalfi** Kusnezov

- 1929 *Liburnia metcalfi* Kusnezov, Wien. Ent. Zeit. 46: 163; Fig. 11. [n. sp., illustrated.]<sup>1</sup> Turkestan<sup>1</sup>

**minoensis** Matsumura

- 1900 *Liburnia minoensis* Matsumura, Ent. Nachr. 26: 263. [n. sp.]<sup>1</sup> Japan<sup>1</sup>  
 1907 *Delphax minoensis* Oshanin, Verz. Palaeark. Hemip. 2 (2): 330.  
 [Listed.]<sup>1</sup> Equals *Liburnia minoensis* Mats.  
 1912 *Delphax minoensis* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>1</sup>

**minuscula** Horváth

- 1897 *Delphax minuscula* Horváth, Term. Füzetek 20: 622. [n. sp.]<sup>1,2,3</sup> Hungary<sup>1</sup>  
 1897 *Delphax minuscula* Horváth, Fauna Regni Hungariae :56. France<sup>2</sup>  
 [Listed.]<sup>1</sup> Armenia<sup>3</sup>  
 1899 *Delphax minuscula* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. Caucasia<sup>4</sup>  
 :108. [Listed.]<sup>1,2,4</sup> Yugoslavia<sup>5</sup>  
 1903 *Delphax minuscula* Horváth, Ann. Mus. Nat. Hungarici 1: 28. Romania<sup>6</sup>  
 [Listed.]<sup>5</sup> Transcaucasia<sup>7</sup>  
 1907 *Delphax minuscula* Oshanin, Verz. Palaeark. Hemip. 2 (2): 317. Romania<sup>6</sup>  
 [Listed.]<sup>1,2,6,7</sup> Transcaucasia<sup>7</sup>  
 1912 *Delphax minuscula* Oshanin, Kat. Paläark. Hemip. :119. South Europe<sup>8</sup>  
 [Listed.]<sup>4,8</sup>

**minutula** Melichar

- 1903 *Liburnia minutula* Melichar, Homop.-Fauna Ceylon :98. [n. sp.]<sup>1</sup> Ceylon<sup>1</sup>  
 :225. [Listed.]  
 1906 *Liburnia minutula* Distant, Fauna British India 3: 482. [Described.]<sup>1</sup>

*miridiana* Typographical error for *Delphacodes meridionalis* Muir.

**mocsáryi** Horváth

- 1897 *Delphax mocsáryi* Horváth, Term. Füzetek 20: 624. [n. sp.]<sup>1</sup> Hungary<sup>1</sup>  
 1897 *Delphax mocsáryi* Horváth, Fauna Regni Hungariae :57. [Listed.]<sup>1</sup>  
 1899 *Delphax mocsáryi* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>1</sup>  
 1907 *Delphax mocsáryi* Oshanin, Verz. Palaeark. Hemip. 2 (2): 328. [Listed.]<sup>1</sup>  
 1912 *Delphax mocsáryi* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>1</sup>

**modesta** Fieber

- 1866 *Delphax modesta* Fieber, Verh. Zool. Bot. Ges. Wien 16: 526; Pl. France<sup>1</sup>  
 viii, Fig. 30. [n. sp., illustrated.]<sup>1</sup> :532. [Listed.] Southern

- 1870 *Liburnia modesta* Scott, Ent. Monthly Mag. 7: 75. [Listed.] France<sup>2</sup>  
 1872 *Liburnia modesta* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>2</sup>  
 1875 *Delphax modesta* Puton, Cat. Hémipt. d'Europe 2 Ed. :120. [Listed.]<sup>2</sup>  
 1879 *Liburnia modesta* Fieber, Cicad. d'Europe Pt. 4: 89 (25). [Key.]<sup>1</sup> Equals *Delphax modesta* Fieber.  
 1886 *Delphax modesta* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>2</sup>  
 1899 *Delphax modesta* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>2</sup>  
 1907 *Delphax modesta* Oshanin, Verz. Paläarkt. Hemipt. 2 (2): 320. [Listed.]<sup>2</sup> Equals *Liburnia modesta* Fieb.  
 1912 *Delphax modesta* Oshanin, Kat. Paläarkt. Hemipt. :119. [Listed.]<sup>2</sup>

*modesta* Distant. See *Delphacodes distanti* Metcalf.

### **mongolica** Kusnezov

- 1929 *Liburnia mongolica* Kusnezov, Wien. Ent. Zeit. 46: 166; Figs. 14-15. [n. sp., illustrated.]<sup>1</sup> Turkestan<sup>1</sup>

### **montezumae** Muir and Giffard

- 1924 *Delphacodes montezumae* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 27; Pl. 3, Fig. 30; Pl. 5, Fig. 86. [n. sp., illustrated.]<sup>1</sup> Mexico<sup>1</sup>

### **muirella** nom. nov. for *Delphacodes pacifica* Muir 1927 [nec *Megamelus pacificus* Crawford 1914.]

- 1927 *Delphacodes pacifica* Muir, Ann. Mag. Nat. Hist. (9) 20: 87; Figs. 1, 2 [n. sp., illustrated.]<sup>1</sup> Tahiti<sup>1</sup>  
 (Low Archipelago)

### **muirianus** Izzard

- 1936 *Delphacodes muirianus* Izzard, Ann. Mag. Nat. Hist. (10) 17: 595; Fig. 2. [n. sp., illustrated.]<sup>1</sup> Christmas Island<sup>1</sup>  
 (Indian Ocean)

### **mulsanti** Fieber

- 1866 *Delphax mulsanti* Fieber, Verh. Zool. Bot. Ges. Wien 16: 526; Pl. viii, Fig. 32. [n. sp., illustrated.]<sup>1</sup> :532. [Listed.] France<sup>1</sup>  
 Southern  
 1872 *Liburnia mulsanti* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>2</sup> France<sup>2</sup>  
 1875 *Delphax mulsanti* Puton, Cat. Hémipt. d'Europe 2 Ed. :120. [Listed.]<sup>2</sup> Sardinia<sup>3</sup>  
 Romania<sup>4</sup>  
 1879 *Liburnia mulsanti* Fieber, Cicad. d'Europe Pt. 4: 88 (24). [Key.]<sup>1</sup> Equals *Delphax mulsanti* Fieb. :138. (74). [Key.] :85 (21). [Notes.]  
 1886 *Delphax mulsanti* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>2</sup>  
 1888 *Delphax mulsanti* Costa, Atti. Acc. Sci. Napoli (2) 2 (8): 23. [Listed.]<sup>3</sup>  
 1890 *Delphax mulsanti* Dominique, Ann. Soc. Acad. Loire-Inférieure 1890: 110 (26). [Listed.]  
 1892 *Delphax mulsanti* Dominique, Bull. Soc. Sci. Nat. Ouest France 2: 116. [Listed.]<sup>1</sup>  
 1899 *Delphax mulsanti* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>2</sup>  
 1901 *Delphax mulsanti* Lambertie, Act. Soc. Linn. Bordeaux 56: 217 (89). [Listed.]<sup>1</sup>  
 1902 *Delphax mulsanti* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) 2: 223. [Listed.]<sup>1</sup>  
 1907 *Delphax mulsanti* Oshanin, Verz. Paläarkt. Hemipt. 2 (2): 319. [Listed.]<sup>2,4</sup> Equals *Liburnia mulsanti* Fieb.  
 1910 *Delphax mulsanti* Matsumura, Jour. Coll. Sci. Tokyo 27: 32. [Comparative note.]  
 1910 *Delphax mulsanti* Lambertie, Misc. Ent. 18: 93. [Listed.]<sup>1</sup>  
 1912 *Delphax mulsanti* Oshanin, Kat. Paläarkt. Hemipt. :119. [Listed.]<sup>2,4</sup>



*Delphacodes*

- 1935 *Megamelus mulsanti* Haupt, Tierwelt Mitteleuropas 4 (3): 134. [Key.] Equals *Liburnia [mulsanti]* Fieb.  
 1939 *Delphacodes mulsanti* China, Ann. Mag. Nat. Hist. (11) 4: 584. [Listed.]<sup>2</sup> Equals *Delphax mulsanti* Fieb.

**nagaragawana** Matsumura

- 1900 *Liburnia nagaragawana* Matsumura, Ent. Nachr. 26: 265. [n. sp.]<sup>1</sup> Japan<sup>1</sup>  
 1907 *Delphax nagaragawana* Oshanin, Verz. Palaeark. Hemip. 2 (2): 330. [Listed.]<sup>1</sup> Equals *Liburnia nagaragawana* Mats.  
 1912 *Delphax nagaragawana* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>1</sup>

**neocclusa** Muir and Giffard

- 1924 *Delphacodes neocclusa* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 22; Pl. 5, Figs. 81, 82. [n. sp., illustrated.]<sup>1</sup> :19. [Comparative note.] Colorado<sup>1</sup>

*neopropinqua* Muir. See *Delphacodes propinqua* Fieber.

**nigeriensis** Muir

- 1920 *Delphacodes nigeriensis* Muir, Bull. Ent. Res. 10: 140; Figs. 1a, b. Nigeria<sup>1</sup>  
 [n. sp., illustrated.]<sup>1</sup>

**nigra** Crawford

- 1914 *Megamelus erectus niger* Crawford, Mon. Delphacidae :624 [n. var.]<sup>1,2</sup> :608. [Key.] Mexico<sup>1</sup>  
 Cuba<sup>2</sup>  
 1924 *Delphacodes nigra* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 32; Pl. 4, Figs. 47, 48; Pl. 5, Fig. 101. [Described, illustrated.]<sup>1,2</sup> Equals *Megamelus erectus niger* Crawford. Brazil<sup>3</sup>  
 British Guiana<sup>4</sup>  
 Costa Rica<sup>5</sup>  
 1926 *Delphacodes nigra* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 31. [Notes.]<sup>1,2,3,4</sup> :32, 33. [Comparative note.]  
 1936 *Delphacodes nigra* Ballou, Bull. Ins. Pest Surv. 16: 473. [Food plants.]<sup>6</sup>

**nigricans** Matsumura

- 1910 *Delphax nigricans* Matsumura, Jour. Coll. Sci. Tokyo 27: 32; Fig. 9. [n. sp., illustrated.]<sup>1</sup> Italy<sup>1</sup>  
 Morocco<sup>2</sup>  
 1912 *Delphax nigricans* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>2,3</sup> Sicily<sup>3</sup>  
 1924 *Delphax nigricans* Haupt, Mem. Soc. Ent. Italiana 3: 229. [Listed.]<sup>3</sup>

**nigricula** Berg

- 1879 *Liburnia nigricula* Berg, An. Soc. Cient. Argentina 8: 190. [n. sp.]<sup>1</sup> Argentina<sup>1</sup>  
 1879 *Liburnia nigricula* Berg, Hemip. Argentina :226. [n. sp.]<sup>1</sup>  
 1883 *Liburnia nigricula* Berg, An. Soc. Cient. Argentina 16: 237. [Listed.]  
 1884 *Liburnia nigricula* Berg, Add. Hemip. Argentina :143. [Listed.]  
 1914 *Megamelus nigricula* Crawford, Mon. Delphacidae :632. [Listed.]  
 1926 *Delphacodes nigricula* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 37. [Listed.] Equals *Liburnia nigricula* Berg.

**nigradorsum** Crawford

- 1914 *Megamelus nigradorsum* Crawford, Mon. Delphacidae :620; Pl. 48, Figs. A, I. [n. sp., illustrated.]<sup>1</sup> :606. [Key.] Colorado<sup>1</sup>  
 Rocky  
 1916 *Liburnia nigradorsum* Van Duzee, Check List Hemip. America Mountains<sup>2</sup>  
 :84. [Listed.]<sup>2</sup> New Jersey<sup>3</sup>  
 1917 *Megamelus nigrodorsum* [sic] Weiss, Ent. News 28: 215. [Listed.]<sup>3</sup> New York<sup>4</sup>

- 1917 *Liburnia nigradorsum* Van Duzee, Cat. Hemip. America :779. Ohio<sup>5</sup>  
[Listed.]<sup>1,3</sup> Equals *Megamelus nigradorsum* Crawf.
- 1923 *Liburnia nigradorsum* Metcalf, Jour. Elisha Mitchell Soc. **38**: 171; Pl. 70, Fig. 688.  
[Key, illustrated.]
- 1928 *Delphacodes nigradorsum* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. **101**: 182.  
[Listed.]<sup>4</sup>
- 1938 *Delphacodes nigradorsum* Osborn, Bull. Ohio Biol. Surv. **6**: 345; Fig. 39. [Described,  
illustrated.]<sup>5</sup> Equals *Megamelus nigradorsum* Crawf. Equals *Liburnia nigradorsum*  
Metc.

**nigrifacies Muir**

- 1918 *Delphacodes nigrifacies* Muir, Proc. Hawaiian Ent. Soc. **3**: 428; Martinique<sup>1</sup>  
Figs. 5, 5a. [n. sp., illustrated.]<sup>1</sup> (West Indies)
- 1924 *Delphacodes nigrifacies* Muir and Giffard, Bull. Hawaiian Sugar British Guiana<sup>2</sup>  
Pl. Assoc. **15**: 34; Pl. 4, Fig. 60; Pl. 6, Fig. 131. [Described, illus- Costa Rica<sup>3</sup>  
trated.]<sup>1,2</sup> Equals *Liburnia andromeda* Van Duz. [in part.]
- 1926 *Delphacodes nigrifacies* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 34. [Listed.]<sup>2</sup>
- 1936 *Delphacodes nigrifacies* Ballou, Bull. Ins. Pest Surv. **16**: 473. [Food plants.]<sup>3</sup>

**nigrifrons Matsumura**

- 1910 *Delphax nigrifrons* Matsumura, Jour. Coll. Sci. Tokyo **27**: 31; Sicily<sup>1</sup>  
Fig. 8. [n. sp., illustrated.]<sup>1</sup>
- 1912 *Delphax nigrifrons* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>1</sup>
- 1924 *Delphax nigrifrons* Haupt, Mem. Soc. Ent. Italiana **3**: 229. [Listed.]<sup>1</sup>

**nigrigaster Crawford**

- 1914 *Megamelus nigrigaster* Crawford, Mon. Delphacidae :621; Pl. 47, Colorado<sup>1</sup>  
Fig. U. [n. sp., illustrated.]<sup>1</sup> :607. [Key.] Rocky
- 1916 *Liburnia nigrigaster* Van Duzee, Check List Hemip. America :84. Mountains<sup>2</sup>  
[Listed.]<sup>2</sup>
- 1917 *Liburnia nigrigaster* Van Duzee, Cat. Hemip. America : 779. [Listed.]<sup>1</sup> Equals  
*Megamelus nigrigaster* Crawf.
- 1924 *Delphacodes nigrigaster* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 24;  
Pl. 3, Fig. 27; Pl. 5, Fig. 90. [Described, illustrated.]<sup>1</sup> Equals *Megamelus nigrigaster*  
Crawf.

**nigripennis Crawford**

- 1914 *Megamelus erectus nigripennis* Crawford, Mon. Delphacidae :625. Nicaragua<sup>1</sup>  
[n. var.] :608. [Key.] Jamaica<sup>2</sup>
- 1918 *Delphacodes erectus nigripennis* Muir, Proc. Hawaiian Ent. Soc. **3**: Cuba<sup>3</sup>  
427. Equals *Megamelus erectus nigripennis* Crawf. Puerto Rico<sup>4</sup>
- 1920 *Delphacodes erectus nigripennis* Muir, Bull. Ent. Res. **10**: 139.  
[Note.]
- 1924 *Delphacodes nigripennis* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**:  
31; Pl. 4, Figs. 41, 42; Pl. 6, Fig. 126. [Described, illustrated.]<sup>1,2</sup> Equals *Megamelus*  
*erectus nigripennis* Crawf.
- 1926 *Delphacodes nigripennis* Muir, Ann. Mag. Nat. Hist. (9) **17**: 34. [Comparative note.]
- 1926 [*Delphacodes*] *nigripennis* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: 33, 34. [Com-  
parative note.]
- 1926 *Delphacodes erectus nigripennis* Osborn, Ann. Ent. Soc. America **19**: 359. [Notes.]<sup>3</sup>
- 1926 *Delphacodes erectus nigripennis* Osborn, Sci. Contr. Trop. Pl. Res. Found. **2**: 359.  
[Note.]<sup>3</sup>
- 1927 *Delphacodes nigripennis* Muir, Fulgoroidea of Samoa :13. [Comparative note.]<sup>1,2</sup>
- 1928 *Delphacodes nigripennis* Myers, Studies on Cuban Insects **1**: 22. [Listed.]<sup>3</sup>

*Delphacodes*

- 1929 *Delphacodes erectus nigripennis* Osborn, Jour. Dept. Agr. Porto Rico 13: 111. [Listed.]<sup>4</sup>
- 1929 *Delphacodes nigripennis* Muir, Ann. Mag. Nat. Hist. (10) 4: 220. [Comparative note.]<sup>1,2</sup>
- 1935 *Delphacodes nigripennis* Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 253; Fig. 70. [Described, illustrated.]<sup>4</sup> Equals *Megamelus erectus nigripennis* Crawford. Equals *Delphacodes erectus nigripennis* Osb.
- 1936 *Delphacodes nigripennis* Wolcott, Jour. Agr. Univ. Puerto Rico 20: 110; 1 Fig. [Listed, illustrated.]<sup>4</sup>

*nigripennis* Crawford (var.). See *Delphacodes nigripennis* Crawford.

*nigripennis* Muir (var.). [nec Crawford]. See *Delphacodes humilis* Van Duzee.

*nigripennis* Muir. See *Delphacodes pseudonigripennis* Muir.

**nigrostriata** Kusnezov

- 1929 *Liburnia nigrostriata* Kusnezov, Wien. Ent. Zeit. 46: 163. [n. sp.]<sup>1</sup> Turkestan<sup>1</sup>
- nigrovariegata* Metcalf (var.). See *Delphacodes alpina* var. *nigrovariegata* Metcalf.

**nipponica** Matsumura

- 1900 *Liburnia nipponica* Matsumura, Ent. Nachr. 26: 262. [n. sp., Japan<sup>1</sup> comparative note.]<sup>1</sup>
- 1907 *Delphax nipponica* Oshanin, Verz. Palaeark. Hemip. 2 (2): 314. [Listed.] Equals *Liburnia nipponica* Mats.
- 1912 *Delphax nipponica* Oshanin, Kat. Paläark. Hemip. :119, [Listed.]

**nitens** Muir and Giffard

- 1924 *Delphacodes nitens* Muir and Giffard, Bull. Hawaiian Sugar Pl. Ohio<sup>1</sup>  
Assoc. 15: 27; Pl. 3, Figs. 20, 21, Pl. 5, Fig. 76. [n. sp., illus- Maryland<sup>2</sup>  
trated.]<sup>1,2</sup> Equals *Liburnia nitens* Van Duzee [nom. nud.]
- 1938 *Delphacodes nitens* Osborn, Bull. Ohio Biol. Surv. 6: 345. [Described.]<sup>1</sup>

**nitidipennis** Kirschbaum

- 1868 *Delphax nitidipennis* Kirschbaum, Cicad. Wiesbaden :31. [n. sp.]<sup>1</sup> Germany<sup>1</sup>
- 1871 *Liburnia nitidipennis* Sahlberg, Not. Fennica (n. s.) 9 (12): 452. Finland<sup>2</sup>  
[Described.]<sup>2</sup> Equals *Delphax nitidipennis* Kirschb. :424. [Key.] Scandinavia<sup>3</sup>  
:489. [Listed.]<sup>2</sup> Austria<sup>4</sup>
- 1872 *Liburnia nitidipennis* Fieber, Kat. Europäischen Cicad. :6.  
[Listed.]<sup>1</sup>
- 1875 *Delphax nitidipennis* Puton, Cat. Hémipt. d'Europe 2 Ed. :121. [Listed.]<sup>1,3</sup>
- 1884 *Delphax nitidipennis* Mayr, Tabellen :21. [Listed.]
- 1886 *Delphax nitidipennis* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>1,3,4</sup>
- 1899 *Delphax nitidipennis* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :109. [Listed.]<sup>1,2,3,4</sup>
- 1904 *Delphax nitidipennis* Hüeber, Syst. Verz. deutschen Zikadinen :270. [Listed.]<sup>1</sup>
- 1907 *Delphax nitidipennis* Oshanin, Verz. Palaeark. Hemip. 2 (2): 329. [Listed.]<sup>1,2</sup> Equals  
*Liburnia nitidipennis* Kirschb.
- 1912 *Delphax nitidipennis* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>1,2</sup>
- 1915 *Liburnia nitidipennis* Jensen-Haarup, Flora och Fauna 1915: 142. [Key.]
- 1924 *Liburnia nitidipennis* Lindberg, Acta Soc. Fauna Flora Fennica 56: 46. [Listed.]<sup>2</sup>

**niveimarginata** Scott

- 1867 *Delphax thoracicus* [nec Stål] Marshall, Ent. Monthly Mag. 3: British Isles<sup>1</sup>  
269. [Described.] England<sup>2</sup>
- 1870 *Liburnia niveimarginata* Scott, Ent. Monthly Mag. 7: 71. [n. sp.]<sup>2</sup> Italy<sup>3</sup>  
nom. nov. for *Delphax thoracicus* Marsh. [nec Stål]. :75. [Listed.]<sup>1</sup>  
:27. [Key.]

- 1872 *Liburnia niveimarginata* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>2</sup> Equals *Liburnia thoracica* Marsh. [nec Stål].
- 1875 *Delphax niveimarginata* Puton, Cat. Hémipt. d'Europe 2 Ed. :120. [Listed.] Equals *Delphax thoracica* Marsh. [nec Stål].
- 1876 *Liburnia niveimarginata* Douglas and Scott, Cat. British Hemip. :69. [Listed.]<sup>1</sup> Equals *Delphax thoracicus* Marsh. [nec Stål].
- 1879 *Liburnia niveimarginata* Fieber, Cicad. d'Europe Pt. 4: 91 (27). [Key.]<sup>2</sup> Equals *Delphax thoracicus* Marsh. [nec Stål].
- 1884 *Liburnia niveimarginata* Edwards, Trans. Nat. Soc. Norwich 3: 713. [Listed.]<sup>2</sup>
- 1886 *Delphax niveimarginata* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>1</sup> Equals *Delphax thoracica* Marsh.
- 1886 *Liburnia niveimarginata* Edwards, Syn. British Homop.-Cicadina Pt. 1: 77. [Described.]<sup>1</sup> Equals *Delphax thoracicus* Marsh. [nec Stål]. :60. [Key.]
- 1886 *Liburnia niveimarginata* Capron, Ent. Monthly Mag. 22: 264. [Listed.]<sup>2</sup>
- 1890 *Liburnia niveimarginata* Saunders and Edwards, Cat. British Hemiptera 1890: 12. [Listed.]<sup>1</sup>
- 1894 *Liburnia niveimarginata* Edwards, Hemip.-Homop. British Islands Pt. 2: 56. [Described.]<sup>1</sup> :35. [Key.]
- 1899 *Delphax niveimarginata* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>1</sup> Equals *Delphax thoracica* Marsh. [nec Stål].
- 1903 *Delphax niveomarginata* [sic] Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 63 (23). [Listed.]<sup>3</sup>
- 1907 *Delphax niveimarginata* Oshanin, Verz. Palaeark. Hemip. 2 (2): 320. [Listed.] Equals *Delphax thoracicus* Marsh. [nec Stål]. Equals *Liburnia niveimarginata* Scott.
- 1908 *Delphax niveimarginata* Saunders and Edwards, Cat. British Hemiptera 1908: 15. [Listed.]<sup>1</sup>
- 1912 *Delphax niveimarginata* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>2</sup> Equals *Delphax thoracica* Marsh. [nec Stål].

*obscura* Fieber. (var.). See *Delphacodes pellucida* var. *obscura* Fieber.

### obscurella Boheman

- 1847 *Delphax obscurella* Boheman, Handl. Svenska Vet. Akad. 1847: 53. [n. sp.]<sup>1</sup> Sweden<sup>1</sup>  
England<sup>2</sup>
- 1847 *Delphax obscurellae* [sic] Boheman, Handl. Svenska Vet. Akad. 1847: 58, 62. [Comparative note.] Netherlands<sup>3</sup>  
Finland<sup>4</sup>
- 1850 *Delphax obscurella* Schaum, Allg. Encykl. Ersch und Gruber 51: 69. [Listed.]<sup>1</sup> Norway<sup>5</sup>  
France<sup>6</sup>
- 1851 *Delphax obscurella* Walker, List Homop. British Mus. 2: 358. [Listed.]<sup>1</sup> Scandinavia<sup>7</sup>  
Ireland<sup>8</sup>
- 1854 *Delphax obscurella* Stål, Öfv. Svenska Vet. Akad. Förh. 11: 195. [Described.]<sup>1</sup> Italy<sup>9</sup>  
Germany<sup>10</sup>
- 1859 *Delphax obscurella* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup> Austria<sup>11</sup>
- 1860 *Delphax obscurella* Walker, List British Hemip :17. [Listed.]<sup>2</sup> Sardinia<sup>12</sup>
- 1861 *Delphax obscurella* Flor, Rhynch. Livlands 2: 67. To *Delphax pellucida* Fabr. [error.] Belgium<sup>13</sup>  
Czechoslovakia<sup>14</sup>
- 1863 *Delphax obscurella* Snellen van Vollenhoven, Tijdschr. Ent. 6: 12. [Notes.]<sup>3</sup> British Isles<sup>15</sup>  
New York<sup>16</sup>
- 1865 *Delphax obscurella* Marshall, Ent. Monthly Mag. 1: 273. To *Delphax pellucidus* Fabr. [error.] Hungary<sup>17</sup>  
Russia<sup>18</sup>
- 1865 *Delphax obscurella* Frey-Gessner, Mitt. Schweizerischen Ent. Ges. 1: 31. [Listed.]<sup>27</sup> Siberia<sup>19</sup>  
North America<sup>20</sup>
- 1866 *Delphax obscurella* Fieber, Verh. Zool. Bot. Ges. Wien 16: Pl. viii, Fig. 29. [Illustrated.] Europe<sup>21</sup>  
Central Europe<sup>22</sup>
- 1868 *Delphax obscurella* Sahlberg, Not. Fennica (n. s.) 9 (9): 188. To *Delphax pellucida* Fabr. [error.] Nearctic  
Region<sup>23</sup>
- 1870 *Liburnia obscurella* Scott, Ent. Monthly Mag. 7: 28. [Key.] Denmark<sup>24</sup>



*Delphacodes*

- 1871 *Liburnia obscurella* Sahlberg, Not. Fennica (n. s.) 9 (12): 443. [Described.]<sup>1,4</sup> Equals *Delphax obscurella* Boh. Equals *Delphax hemiptera* Germ. [error.] :424. [Key.] :56. [Listed.]<sup>1,4</sup> :489. [Listed.]<sup>1,4</sup> :34. [Ecology.] :451. [Comparative note.] Eastern States<sup>25</sup>  
Portugal<sup>26</sup>  
Switzerland<sup>27</sup>  
Poland<sup>28</sup>  
Scotland<sup>29</sup>  
Wales<sup>30</sup>
- 1872 *Liburnia obscurella* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>1</sup>
- 1874 *Liburnia obscurella* Siebke, Enumeratio Insectorum Norvegi-  
corum 1: 40. [Listed.]<sup>5</sup>
- 1874 *Liburnia obscurella* Lethierry, Cat. Hémp. Dept. du Nord Second Ed. :258 (54).  
[Listed.]<sup>6</sup>
- 1875 *Delphax obscurella* Puton, Cat. Hémp. d'Europe 2 Ed. :119. [Listed.]<sup>6,7</sup>
- 1876 *Liburnia obscurella* Douglas and Scott, Cat. British Hemip. :69. [Listed.]<sup>15</sup> Equals  
*Delphax obscurella* Boh.
- 1879 *Liburnia obscurella* Fieber, Cicad. d'Europe Pt. 4: 84 (20). [Key.]<sup>1</sup> Equals *Delphax*  
*obscurella* Boh. :129. (65). [Key.]
- 1880 *Delphax obscurella* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 55. [Listed.]<sup>6</sup>
- 1881 *Liburnia obscurella* Mayr, Ber. Natur.-Med. Ver. Innesbruck 10: 86 (10). [Listed.]<sup>11</sup>
- 1882 *Delphax obscurella* Ferrari, Cicad. Agri. Ligustici :92 (20). [Listed.]<sup>9</sup> Equals *Liburnia*  
*obscurella* Boh.
- 1884 *Delphax obscurella* Mayr, Tabellen :21. [Listed.]<sup>9,11</sup>
- 1885 *Liburnia obscurella* Sahlberg, Vega-expeditionens af Nordenskiöld 4: 41, 70.  
[Listed.]<sup>21</sup> Equals *Delphax obscurella* Boh.
- 1886 *Delphax obscurella* Then, Kat. Österreichischen Cicad. 1886: 15. [Listed.]<sup>11</sup>
- 1886 *Delphax obscurella* Puton, Cat. Hémp. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>6,7,9,10,11</sup>
- 1886 *Liburnia obscurella* Edwards, Syn. British Homop.-Cicadina Pt. 1: 80. [Described.]<sup>15</sup>  
Equals *Delphax obscurella* Boh. :60. [Key.]
- 1888 *Delphax obscurella* Dubois, Mém. Soc. Linn. Nord France 7: 155 (59). [Listed.]<sup>6</sup>
- 1888 *Delphax obscurella* Costa, Atti. Acc. Sci. Napoli (2) 1 (9): 39. [Listed.]<sup>12</sup>
- 1890 *Delphax obscurella* Funk, Ber. Nat. Ges. Bamberg 15: 140. [Listed.]<sup>10</sup>
- 1890 *Liburnia obscurella* Buckton, Mon. British Cicadae 3: 65, 66. [Synopsis.]
- 1890 *Liburnia obscurella* Saunders and Edwards, Cat. British Hemiptera 1890: 12.  
[Listed.]<sup>15</sup>
- 1890 *Liburnia obscurella* Buckton, Mon. British Cicadae 2: 55; Pl. xvi, Figs. 2, 2a, 2b.  
[Described, illustrated.]<sup>15</sup> Equals *Delphax obscurella* Boh.
- 1890 *Delphax obscurella* Dominique, Ann. Soc. Acad. Loire-Inférieure 1890: 110 (26).  
[Listed.]<sup>6</sup>
- 1891 *Delphax obscurella* Fokker, Compte Rendu Soc. Ent. Belgique 35: cccxli [Listed.]<sup>13</sup>
- 1892 *Delphax obscurella* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>13</sup>
- 1892 *Delphax obscurella* Lethierry, Rev. Hémp. Belgique :22. [Listed.]<sup>13</sup>
- 1892 *Delphax obscurella* Ferrari, Ann. Mus. Genova (2) 12: 569. (21). [Listed.]<sup>9</sup>
- 1892 *Delphax obscurella* Carpentier and Dubois, Mém. Soc. Linn. Nord France 8: 433.  
[Listed.]<sup>6</sup>
- 1892 *Delphax obscurella* Duda, Cat. Ins. Faunae Bohemicae :28. [Listed.]<sup>14</sup>
- 1892 *Delphax obscurella* Spitzner, Verh. Naturf. Ver. Brünn 30: 27. [Listed.]<sup>14</sup>
- 1892 *Delphax obscurella* Dominique, Bull. Soc. Sci. Nat. Ouest France 2: 116. [Listed.]<sup>6</sup>
- 1894 *Liburnia obscurella* Edwards, Hemip.-Homop. British Ialands Pt. 2: 60. [Described.]<sup>15</sup>  
:36. [Key.]
- 1894 *Liburnia obscurella* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 191. [Listed.]<sup>16</sup>
- 1895 *Delphax obscurella* Wüstnei, Schr. Nat. Ver. Schleswig-Holsteins, 10: 269. [Listed.]<sup>10</sup>
- 1896 *Liburnia obscurella* Melichar, Cicad. Mittel-Europa :82; Pl. v, Figs. 22, 23. [De-  
scribed, illustrated.]<sup>1,14</sup> :71. [Key.]
- 1897 *Delphax obscurella* Horváth, Fauna Regni Hungariae :56. [Listed.]<sup>17</sup>
- 1897 *Liburnia obscurella* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 252. [Notes.]<sup>16</sup> Equals  
*Delphax obscurella* Boh. :227. [Listed.] :252. [Comparative note.]
- 1899 *Delphax obscurella* Puton, Cat. Hémp. Faune Paléarctique 4 Ed. :108.  
[Listed.]<sup>4,6,7,9,10,11</sup>
- 1901 *Embolophora* [sic] *obscurella* Kirkaldy, Entomologist 34: 338. [Listed.]<sup>16</sup>
- 1901 *Delphax obscurella* Lambertie, Act. Soc. Linn. Bordeaux 56: 217 (89). [Listed.]<sup>6</sup>

- 1904 *Delphax obscurella* Hüber, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>10</sup>
- 1904 *Liburnia obscurella* Swezey, Prelim. Cat. Fulgoridae North America 1904: 40. [Listed.]<sup>16</sup> Equals *Delphax obscurella* Boh.
- 1907 *Delphax obscurella* Oshanin, Verz. Palaeark. Hemip. 2 (2) :319. [Listed.]<sup>1,4,6,9,10,11,15,16,17,18,19</sup> Equals *Liburnia obscurella* Sahlb.
- 1907 *Delphax obscurella* Oshanin, Cat. Homop. St. Pétersbourg 1907: 246 (34). [Listed.]<sup>18</sup>
- 1908 *Delphax obscurella* Saunders and Edwards, Cat. British Hemiptera 1908: 15. [Listed.]<sup>15</sup>
- 1908 *Liburnia obscurella* Horváth, Ann. Mus. Nat. Hungarici 6: 6. [Listed.]<sup>20,21</sup>
- 1910 *Delphax obscurella* Lambertie, Misc. Ent. 18: 92. [Listed.]<sup>6</sup>
- 1912 *Delphax obscurella* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>19,22,23</sup>
- 1913 *Liburnia obscurella* Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]<sup>11</sup>
- 1914 *Megamelus obscurellus* Crawford, Mon. Delphacidae :629. [Listed.]<sup>16</sup> Equals *Delphax obscurella* Boh. Equals *Liburnia obscurella* Scott. :606. [Key.]
- 1915 *Liburnia obscurella* Jensen-Haarup, Flora och Fauna 1915: 144. [Described.]<sup>24</sup> :141. [Key.]
- 1916 *Liburnia obscurella* Jensen-Haarup, Flora och Fauna 1916: 33. [Comparative note.]
- 1916 *Liburnia obscurella* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>25</sup>
- 1917 *Liburnia obscurella* Van Duzee, Cat. Hemip. America :777. [Listed.]<sup>16,21</sup> Equals *Delphax obscurella* Boh.
- 1920 *Liburnia obscurella* Jensen-Haarup, Danmarks Fauna :52. [Described.]<sup>19,20,21,24</sup> :47. [Key.]
- 1920 *Delphax obscurella* Tullgren and Wahlgren, Svenska Insekter 1920: 152. [Notes.]<sup>1</sup>
- 1922 *Liburnia obscurella* MacGillivray, Ent. Berichten 6: 68. [Listed.]<sup>3</sup>
- 1923 *Liburnia obscurella* Metcalf, Jour. Elisha Mitchell Soc. 38: 171; Pl. 69, Fig. 682. [Key, illustrated.]
- 1924 *Liburnia obscurella* Lindberg, Acta Soc. Fauna Flora Fennica 56: 46. [Listed.]<sup>4</sup>
- 1926 *Delphax obscurellus* Blöte, De Levende Natuur. 4: 113. [Listed.]<sup>3</sup>
- 1926 *Delphax obscurellus* Rémy-Perrier, Homop. Faune France 4: 94. [Key.]<sup>6</sup>
- 1928 *Delphax obscurella* Lallemant, Mem. Est. Mus. Zool. Univ. Coimbra 1928: 8. [Listed.]<sup>26</sup>
- 1928 *Delphacodes obscurella* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 182. [Listed.]<sup>16</sup>
- 1929 *Delphax obscurella* Sherborn, Index Animalium 18: 4481. [Listed.]
- 1929 *Liburnia obscurella* China, Ent. Monthly Mag. 65: 250. [Listed.]<sup>15</sup>
- 1930 *Liburnia obscurella* de Seabra, Arq. Secc. Biol. e Par. 1 (4): 353. [Notes.]<sup>26</sup> Equals *Delphax obscurella*
- 1935 *Liburnia obscurella* Haupt, Tierwelt Mitteleuropas 4 (3): 143; Fig. 253. [Key, illustrated.] Equals [*Liburnia*] *difficilis* Edw. [error.]
- 1935 *Liburnia obscurella* Karl, Dohrniana. 14: 140. [Listed.]<sup>10</sup>
- 1935 *Liburnia* (*Delphax*) *obscurella* Wagner, Ent. Medd. 19: 163. [Notes.]
- 1935 *Liburnia obscurella* Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 7. [Notes.]<sup>10</sup>
- 1936 *Liburnia obscurella* Ossiannilsson, Opuscula Entomologica. Lund 1: 50. Equals *Liburnia discreta* Edw. [error.]
- 1937 *Liburnia obscurella* Kontkanen, Ann. Ent. Fennici 3: 149. [Listed.]
- 1937 *Liburnia obscurella* Kuntze, Arch. Nat. (n. f.) 6: 307, 333, 341, 350, 356. [Ecology.]<sup>10</sup> :356. Equals *Liburnia discreta* Edw. (nec Haupt) [error.]
- 1938 *Liburnia obscurella* Nast, Fragm. Faun. Mus. Zool. Polonici 3: 233 (9) Listed.<sup>27</sup> Equals *Liburnia discreta* Edw. [error.]
- 1938 *Delphacodes obscurella* China, Ent. Monthly Mag. 74: 197. [Listed.]<sup>15</sup> Equals *Delphacodes difficilis* Edw. [error.]

**obscurella** var. **fuscotestacea** nom. nov. for *Liburnia obscurella* var. *b* Sahlberg

- 1871 *Liburnia obscurella* var. *b* Sahlberg, Not. Fennica (n. s.) 9 (12): Finland<sup>1</sup> 444. [n. var.]<sup>1</sup>

*Delphacodes***obscurinervis** Kirschbaum

- 1868 *Delphax obscurinervis* Kirschbaum, Cicad. Wiesbaden :32. [n. sp.]<sup>1</sup> Germany<sup>1</sup>  
:19, 25. [Comparative note.] Austria<sup>2</sup>
- 1872 *Liburnia obscurinervis* Fieber, Kat. Europäischen Cicad. :6.  
[Listed.]<sup>1</sup>
- 1875 *Delphax obscurinervis* Puton, Cat. Hémipt. d'Europe 2 Ed. :121. [Listed.]<sup>1</sup>
- 1879 *Liburnia obscurinervis* Fieber, Cicad. d'Europe Pt. 4: 117 (53). [Key.]<sup>1</sup> Equals  
*Delphax obscurinervis* Kirschb.
- 1884 *Delphax obscurinervis* Mayr, Tabellen :21. [Listed.]<sup>1</sup>
- 1886 *Delphax obscurinervis* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>1</sup>
- 1896 *Liburnia obscurinervis* Melichar, Cicad. Mittel-Europa :91. [Described.]<sup>1</sup> :73. [Key.]
- 1899 *Delphax obscurinervis* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>1,2</sup>
- 1904 *Delphax obscurinervis* Hüeber, Syst. Verz. deutschen Zikadinen :270. [Listed.]<sup>1</sup>
- 1907 *Delphax obscurinervis* Oshanin, Verz. Paläarkt. Hemipt. 2 (2): 326. [Listed.]<sup>1</sup> Equals  
*Liburnia obscurinervis* Fieb.
- 1912 *Delphax obscurinervis* Oshanin, Kat. Paläarkt. Hemipt. :119. [Listed.]<sup>1</sup>
- 1912 *Delphax obscurinervis* Haupt, Berliner Ent. Zeit. 56: 194. [Notes.]<sup>1</sup> Equals *Delphax*  
*aubei* Perr. [error.]
- 1915 *Liburnia obscurinervis* Jensen-Haarup, Flora och Fauna 1915: 142. [Key.]

**occlusa** Van Duzee

- 1897 *Liburnia occlusa* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 256. California<sup>1</sup>  
[n. sp.]<sup>1</sup> :227. [Listed.] Ohio<sup>2</sup>
- 1904 *Liburnia occlusa* Osborn, Ohio Nat. 4: 100. [Listed.]<sup>2</sup> Nevada<sup>3</sup>
- 1904 *Liburnia occlusa* Swezey, Prelim. Cat. Fulgoridae North America Colorado<sup>4</sup>  
1904: 41. [Listed.]<sup>1,2</sup> Mexico<sup>5</sup>
- 1914 *Liburnia occlusa* Van Duzee, Trans. San Diego Soc. Nat. Hist. 2: United States<sup>6</sup>  
45. [Listed.]<sup>1</sup>
- 1914 *Megamelus oclusus* Crawford, Mon. Delphacidae :619; Pl. 48, Fig. Q. [Described,  
illustrated.]<sup>1,3,4,5</sup> Equals *Liburnia occlusa* Van Duz. :606. [Key.]
- 1916 *Liburnia occlusa* Van Duzee, Check List Hemipt. America :84. [Listed.]<sup>6</sup>
- 1917 *Liburnia occlusa* Van Duzee, Proc. California Acad. Sci. 7: 318. [Notes.]<sup>1</sup>
- 1917 *Liburnia occlusa* Van Duzee, Cat. Hemipt. America :778. [Listed.]<sup>1,2</sup> Equals *Mega-*  
*melus occlusa* Van Duz.
- 1923 *Liburnia occlusa* Metcalf, Jour. Elisha Mitchell Soc. 38: 171; Pl. 70, Fig. 687. [Key,  
illustrated.]
- 1924 *Delphacodes occlusa* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 21; Pl. 2,  
Fig. 10; Pl. 5, Figs. 74, 75. [Described, illustrated.]<sup>1</sup> Equals *Liburnia occlusa* Van  
Duz. :19, 22. [Comparative note.]
- 1938 *Delphacodes occlusa* Osborn, Bull. Ohio Biol. Surv. 6: 345; Figs. 39, 41. [Described,  
illustrated.]<sup>2</sup> Equals *Liburnia occlusa* Metc.

*ordovis*. Typographical error for *Delphax ordovix* Kirkaldy. See *Nilaparvata lugens* Stål.

*oryzae* Matsumura. See *Nilaparvata oryzae* Matsumura.

**osborni** Van Duzee

- 1894 *Liburnia osborni* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 191. New York<sup>1</sup>  
[Listed.]<sup>1</sup> [nom. nud.] Michigan<sup>2</sup>
- 1897 *Liburnia osborni* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 250. Iowa<sup>3</sup>  
[n. sp.]<sup>1,2,3,4</sup> :251. [Comparative note.] New Jersey<sup>4</sup>
- 1898 *Liburnia osborni* Osborn, Proc. Iowa Acad. Sci. 5: 235. [Listed.]<sup>3</sup> Illinois<sup>5</sup>
- 1898 *Liburnia osborni* Osborn, Contr. Iowa State Coll. Agr. Dept. Zool. Ohio<sup>6</sup>  
Ent. 3: 12. [Listed.]<sup>3</sup> Colorado<sup>7</sup>
- 1900 *Liburnia osborni* Smith, Ins. New Jersey 1900: 89. [Listed.]<sup>4</sup> Indiana<sup>8</sup>
- 1904 *Liburnia osborni* Swezey, Prelim. Cat. Fulgoridae North America Florida<sup>9</sup>  
1904: 39. [Listed.]<sup>1,2,3,4,5,6</sup> Eastern States<sup>10</sup>

- 1904 *Liburnia osborni* Osborn, Ohio Nat. 4: 100. [Listed.]<sup>6</sup> British  
 1905 *Liburnia osborni* Crevecoeur, Trans. Kansas Acad. Sci. 19: 235. Columbia<sup>11</sup>  
 [Listed.]<sup>12</sup> Kansas<sup>12</sup>  
 1907 *Delphax osborni* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div.  
 Ent. 3: 154. [Comparative note.]  
 1907 *Liburnia osborni* (?) Tucker, Bull. Kansas Univ. Sci. 4: 65. [Listed.]<sup>7</sup>  
 1910 *Liburnia osborni* Smith, Rept. Ins. New Jersey 1910: 98. [Listed.]<sup>4</sup>  
 1914 *Megamelus osborni* Crawford, Mon. Delphacidae :629. [Listed.]<sup>1,2,4,5,6,8</sup> Equals  
*Liburnia osborni* Van Duz. :607. [Key.]  
 1914 *Liburnia osborni* Barber, Bull. American Mus. Nat. Hist. 33: 529. [Listed.]<sup>9</sup>  
 1916 *Liburnia osborni* Van Duzee, Check List. Hemip. America :84. [Listed.]<sup>10</sup>  
 1917 *Liburnia osborni* Van Duzee, Cat. Hemip. America :776. [Listed.]<sup>1,2,3,4,5,6,7,9</sup>  
 1919 *Liburnia osborni* (?) Downes, Proc. Ent. Soc. British Columbia 1918: 16. [Listed.]<sup>11</sup>  
 1920 *Liburnia osborni* Spooner, Ent. News 31: 44. [Ecology.]<sup>1</sup>  
 1921 *Liburnia osborni* Osborn, Florida Ent. 5: 19. [Listed.]<sup>9</sup>  
 1923 *Liburnia osborni* Metcalf, Jour. Elisha Mitchell Soc. 38: 172; Pl. 70, Fig. 692. [Key,  
 illustrated.]  
 1923 *Liburnia osborni* Van Duzee, Fulgoridae Hemip. Connecticut :54. [Notes.]<sup>10</sup> :53.  
 [Key.]  
 1924 *Liburnia osborni* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 39. [Listed.]  
 1927 *Liburnia osborni* Downes, Proc. Ent. Soc. British Columbia 23: 21. [Listed.]<sup>11</sup>  
 1928 *Delphacodes osborni* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 181. [Listed.]<sup>1</sup>  
 1930 *Liburnia osborni* (?) Hendrickson, Iowa State Jour. Sci. 4: 90. [Ecology.]<sup>3</sup>  
 1934 *Delphacodes osborni* Heaton, Bull. Brooklyn Ent. Soc. 29: 114. [Listed.]<sup>8</sup>  
 1938 *Delphacodes osborni* Osborn, Bull. Ohio Biol. Surv. 6: 338. [Key.] :340; Fig. 39.  
 [Described, illustrated.]<sup>6</sup>

**oxyura** Haupt

- 1896 *Liburnia denticauda* [nec Boheman] Melichar, Cicad. Mittel- Germany<sup>1</sup>  
 Europa :89; Pl. v, Figs. 59-61. [Described, illustrated.]<sup>1,2</sup> :73. Austria<sup>2</sup>  
 [Key.]  
 1924 *Delphacodes denticauda* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 24.  
 [Melichar's species distinct.]  
 1935 *Liburnia oxyura* Haupt, Tierwelt Mitteleuropas 4 (3): 145; Fig. 269. [Illustrated.]  
 nom. nov. for [*Liburnia*] *denticauda* Mel. (nec Boh.)  
 1936 *Liburnia oxyura* Ossiannilsson, Opuscula Entomologica. Lund 1: 50. To *Liburnia*  
*denticauda* Boh. [error.]  
 1937 [*Liburnia*] *oxyura* Kuntze, Arch. Nat. (n. f.) 6: 330, 333, 341, 356. [Ecology.]<sup>1</sup>

**pacifica** Crawford

- 1914 *Megamelus pacificus* Crawford, Mon. Delphacidae :626; Pl. 48, California<sup>1</sup>  
 Fig. L. [n. sp., illustrated.]<sup>1,2,3</sup> :608. [Key.] Arizona<sup>2</sup>  
 1916 *Liburnia pacifica* Van Duzee, Check List Hemip. America: 84. Mexico<sup>3</sup>  
 [Listed.]<sup>4</sup> Southwestern  
 1917 *Liburnia pacifica* Van Duzee, Cat. Hemip. America :776, States<sup>4</sup>  
 [Listed.]<sup>1,2</sup> Equals *Megamelus pacificus* Crawf.  
 1924 *Delphacodes pacifica* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 34; Pl.  
 2, Fig. 13; Pl. 4, Fig. 63; Pl. 6, Fig. 106. [Described, illustrated.] Equals *Mega-*  
*melus pacificus* Crawf.

*pacifica* Muir [nec *Megamelus pacificus* Crawford.]. See *Delphacodes muiriella* Metcalf.

**pallens** Stål

- 1854 *Delphax pallens* Stål, Öfv. Svenska Vet. Akad. Förh. 11: 192. Sweden<sup>1</sup>  
 [n. sp.]<sup>1</sup> Estonia<sup>2</sup>  
 1858 *Delphax pallens* Walker, List Homop. British Mus. Add. :323. Germany<sup>3</sup>  
 [Listed.]<sup>1</sup> Austria<sup>4</sup>



*Delphacodes*

- 1859 *Delphax pallens* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup> Italy<sup>6</sup>
- 1859 *Delphax pallenti* [sic] Stål, Freg. Eugenics Resa 4: 276. [Comparative note.] France<sup>6</sup>
- 1861 *Delphax collina* [nec Boheman] Flor, Rhynch Livlands 2: 70. [Described.]<sup>1,2,3,4,5,6</sup> :36, 40. [Key.] :69, 70. [Comparative note.] Netherland<sup>7</sup>
- 1863 *Delphax pallens* Snellen van Vollenhoven, Tijdschr. Ent. 6: 11. [Notes.]<sup>7</sup> Great Britain<sup>8</sup>
- 1865 *Delphax collinus* [nec Boheman] Marshall, Ent. Monthly Mag. 1: 199. [Key.] :274. [Described.]<sup>8</sup> Finland<sup>9</sup>
- 1866 *Delphax pallens* Fieber, Verh. Zool. Bot. Ges. Wien 16: Pl. VIII, Fig. 27. [Illustrated.] :533. Equals *Delphax collina* Boh. [error.] England<sup>10</sup>
- 1866 *Liburnia pallentis* [sic] Stål, Hemip, Africana 4: 180. [Comparative note.] Switzerland<sup>11</sup>
- 1868 *Delphax collina* [nec Boheman] Sahlberg, Not. Fennica (n. s.) 9 (9): 217. [Notes.]<sup>9</sup> Europe<sup>12</sup>
- 1868 *Delphax collina* [nec Boheman] Kirschbaum, Cicad. Wiesbaden :24. [Key.]<sup>8</sup> Siberia<sup>13</sup>
- 1868 *Delphax pallens* Sahlberg, Not. Fennica (n. s.) 9 (9): 188. [Listed.]<sup>9</sup> Denmark<sup>14</sup>
- 1870 *Liburnia collina* [nec Boheman] Scott, Ent. Monthly Mag. 7: 26. [Key.] North Africa<sup>15</sup>
- 1871 *Liburnia collina* [nec Boheman] Sahlberg, Not. Fennica (n. s.) 9 (12): 429. [Described.]<sup>1</sup> <sup>9</sup> Equals *Delphax pallens* Stål. :423. [Key.] :56, 489. [Listed.]<sup>1,9</sup> :36. [Ecology.] :428. [Comparative note.] Scandinavia<sup>16</sup>
- 1872 *Liburnia pallens* Fieber, Kat. Europäischen Cicad. :5. To *Liburnia collina* Boh. [error.] Poland<sup>17</sup>
- 1872 *Liburnia pallens* Fieber, Verh. Zool. Bot. Ges. Wien 22: 28. To *Liburnia collina* Boh. [error.]
- 1875 *Delphax pallens* Puton, Cat. Hémip. d'Europe 2 Ed. :119. To *Delphax collina* Boh. [error.]
- 1876 *Delphax pallens* Douglas and Scott, Cat. British Hemip. :67. To *Liburnia collina* Boh. [error.]
- 1879 *Liburnia collina* [nec Boheman] Fieber, Cicad. d'Europe Pt. 4: 83 (19). [Key.]<sup>2,4,6,10,11</sup> Equals *Delphax pallens* Stål. :137. (73). [Key.]
- 1885 *Delphax collina* [nec Boheman] Ivanoff, Liste des Cigales :89 (7) [Listed.] :114. (32) [Key.]
- 1886 *Delphax pallens* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :73. To *Delphax collina* Boh. [error.]
- 1886 *Liburnia collina* [nec Boheman] Edwards, Syn. British Homop.-Cicadina Pt. 1: 67. [Described.]<sup>8</sup> Equals *Delphax pallens* Stål. :58. [Key.]
- 1890 *Liburnia collina* [nec Boheman] Buckton, Mon. British Cicadae 2: 35; Pl. XI, Fig. 6. [Described, illustrated.]<sup>3,4,6,8,11</sup> Equals *Delphax pallens* Fieb.
- 1890 *Liburnia collina* [nec Boheman] Buckton, Mon. British Cicadae 3: 65, 66. [Synopsis.]
- 1892 *Delphax pallens* Duda, Cat. Ins. Faunae Bohemicae :28. To *Delphax collina* Boh. [error.]
- 1894 *Liburnia collina* [nec Boheman] Edwards, Hemip.-Homop. British Islands Pt. 2: 45; Pl. 5, Fig. 9. [Described, illustrated.]<sup>8</sup> :34. [Key.]
- 1896 *Liburnia collina* [nec Boheman] Melichar, Cicad. Mittel-Europa :81; Pl. V, Figs. 19, 20. [Described, illustrated.]<sup>3,4</sup> :72. [Key.]
- 1899 *Delphax pallens* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :108. To *Delphax collina* Boh. [error.]
- 1904 *Delphax pallens* Hüeber, Syst. Verz. deutschen Zikadinen :269. To *Delphax collina* Boh. [error.]
- 1906 *Delphax pallens* Matsumura, Schr. Nat. Ges. Danzig 11: 76. To *Delphax collina* Boh. [error.]
- 1907 *Delphax pallens* Oshanin, Verz. Palaeark. Hemip. 2 (2): 318. To *Delphax collina* Boh. [error.]
- 1910 *Delphax pallens* Lambertie, Misc. Ent. 18: 92. To *Delphax collina* Boh. [error.]
- 1912 *Delphax pallens* Oshanin, Kat. Paläark. Hemip. :119. To *Delphax collina* Boh. [error.]
- 1915 *Liburnia collina* [nec Boheman] Jensen-Haarup, Kobenhavn Flora og Fauna 1915: 143. [Key.]

- 1917 *Embolophora pallens* Muir, Proc. Hawaiian Ent. Soc. 3: 333. [Listed.]  
 1920 *Liburnia collina* [nec Boheman] Jensen-Haarup, Danmarks Fauna :52. [Described.]<sup>2,13,14,15,16</sup> :47. [Key.]  
 1936 *Liburnia pallens* Ossannilsson, Opuscula Entomologica. Lund 1: 50. Equals *Liburnia collina* (nec Boh.)  
 1938 *Liburnia pallens* Nast, Fragm. Faun. Mus. Zool. Polonici 3: 233 (9). [Listed.]<sup>17</sup> Equals *Liburnia collina* (nec Boh.)  
 1938 *Delphacodes pallens* China, Ent. Monthly Mag. 74: 197. [Listed.]<sup>8</sup> Equals *Delphacodes collina* Edw. [nec Boh.]

*palliat*a Metcalf (var.). See *Delphacodes albocarinata* var. *palliat*a Metcalf.

### **pallice**ps Horváth

- 1897 *Delphax pallice*ps Horváth, Term. Füzetek 20: 623. [n. sp.]<sup>1,2,3</sup> Hungary<sup>1</sup>  
 1897 *Delphax pallice*ps Horváth, Fauna Regni Hungariae :56. [Listed.]<sup>1</sup> Yugoslavia<sup>2</sup>  
 1899 *Delphax pallice*ps Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. Austria<sup>3</sup>  
 :107. [Listed.]<sup>1,3,4</sup> Germany<sup>4</sup>  
 1903 *Delphax pallice*ps Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste Italy<sup>5</sup>  
 21: 62 (22). [Listed.]<sup>6</sup> Bulgaria<sup>6</sup>  
 1903 *Delphax pallice*ps Horváth, Ann. Mus. Nat. Hungarici 1: 28. [Listed.]<sup>2</sup>  
 1904 *Delphax pallice*ps Hübner, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>4</sup>  
 1907 *Delphax pallice*ps Oshanin, Verz. Paläarkt. Hemip. 2 (2): 314. [Listed.]<sup>1,2,3</sup>  
 1912 *Delphax pallice*ps Oshanin, Kat. Paläarkt. Hemip. :119. [Listed.]<sup>1,2,3,6</sup>

*palliditestacea* Metcalf (var.) See *Delphacodes denticauda* var. *palliditestacea* Metcalf.

### **pallidula** Melichar

- 1903 *Liburnia pallidula* Melichar, Homop.-Fauna Ceylon :103. [n. sp.] Ceylon<sup>1</sup>  
 :225. [Listed.]<sup>1</sup>  
 1906 *Liburnia pallidula* Distant, Fauna British India 3: 486. [Described.]<sup>1</sup>  
 1906 *Delphacodes taprobanensis* Kirkaldy, Canadian Ent. 38: 156. nom. nov. for *Liburnia pallidula* Mel.

*pallidula* Marshall [nec Boheman]. See *Kelisia scotti* Fieber.

### **paludicola** Muir

- 1926 *Delphacodes paludicola* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: Ecuador<sup>1</sup>  
 29; Pl. 4, Figs. 88, 89. [n. sp., illustrated.]<sup>1</sup>

### **paludosa** Flor

- 1861 *Delphax paludosa* Flor, Rhynch, Livlands 2: 82. [n. sp.]<sup>1</sup> :34. Estonia<sup>1</sup>  
 [Key.] Germany<sup>2</sup>  
 1866 *Delphax paludosa* Fieber, Verh. Zool. Bot. Ges. Wien 16: Pl. viii, Russia<sup>3</sup>  
 Fig. 49. [Illustrated.] Sweden<sup>4</sup>  
 1870 *Liburnia paludosa* Scott, Ent. Monthly Mag. 7: 75. [Listed.] England<sup>5</sup>  
 1872 *Liburnia paludosa* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>1,2</sup> Italy<sup>6</sup>  
 Equals *Liburnia hemiptera* Germ. (female). France<sup>7</sup>  
 1875 *Delphax paludosa* Puton, Cat. Hémipt. d'Europe 2 Ed. :121. Austria<sup>8</sup>  
 [Listed.]<sup>2,3</sup> Equals *Delphax hemiptera* Germ. [error.] Belgium<sup>9</sup>  
 1876 *Liburnia paludosa* Douglas and Scott, Cat. British Hemip. :68. British Isles<sup>10</sup>  
 [Listed.]<sup>10</sup> Equals *Delphax paludosa* Flor. Finland<sup>11</sup>  
 1876 *Liburnia paludosa* Scott, Ent. Monthly Mag. 12: 205. [Described.]<sup>6</sup> Equals *Delphax paludosa* Flor. Europe<sup>12</sup>  
 Netherlands<sup>13</sup>  
 1879 *Liburnia paludosa* Fieber, Cicad. d'Europe Pt. 4: 116 (52). [Key.]<sup>1</sup> Equals *Delphax paludosa* Flor. :138. (74). [Key.]

*Delphacodes*

- 1880 *Liburnia paludosae* [sic] Reuter, Medd. Soc. Fauna Fl. Fennica 5: 199. [Comparative note.]
- 1882 *Delphax paludosa* Ferrari, Cicad. Agri. Ligustici :93 (21). [Listed.]<sup>6</sup> Equals *Liburnia paludosa* Flor.
- 1886 *Delphax paludosa* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>2,3,6,7,10</sup> Equals *Delphax hemiptera* Germ. [error.]
- 1886 *Delphax paludosa* Then, Kat. Österreichischen Cicad. 1886: 15. [Listed.]<sup>8</sup>
- 1886 *Liburnia paludosa* Edwards, Syn. British Homop.-Cicadina Pt. 1: 88. [Described.]<sup>9</sup> Equals *Delphax paludosa* Flor. :61. [Key.]
- 1890 *Delphax paludosa* Dominique, Ann. Soc. Acad. Loire-Inférieure 1890: 110 (26). [Listed.]<sup>7</sup>
- 1890 *Liburnia paludosa* Saunders and Edwards, Cat. British Hemiptera 1890: 12. [Listed.]<sup>10</sup>
- 1910 *Delphax paludosa* Lambertie, Misc. Ent. 18: 93. [Listed.]<sup>7</sup> Equals *Delphax hemiptera* Germ. [error.]
- 1910 *Delphax paludosa* Oshanin, Ann. Mus. Zool. St. Petersburg 15: 186. [Listed.]<sup>11</sup>
- 1912 *Delphax paludosa* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>12</sup> Equals *Delphax* (?) *hemiptera* Germ. [error.]
- 1913 *Liburnia paludosa* Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]<sup>8</sup>
- 1922 *Liburnia paludosa* MacGillavry, Ent. Berichten 6: 69. [Listed.]<sup>13</sup>
- 1924 *Liburnia paludosa* Lindberg, Acta Soc. Fauna Flora Fennica 56: 39, 46. [Listed.]<sup>11</sup>
- 1935 *Liburnia paludosa* Haupt, Tierwelt Mitteleuropas 4 (3): 141; Fig. 245. [Key, illustrated.]
- 1937 *Liburnia paludosa* Kuntze, Arch. Nat. (n. f.) 6: 330, 331, 333, 355. [Ecology.]<sup>2</sup>
- 1937 *Liburnia paludosa* Ossiannilsson, Opuscula Entomologica. Lund 2: 26. [Notes.]<sup>4</sup>

*pargasensis* Reuter

- 1880 *Liburnia pargasensis* Reuter, Medd. Soc. Fauna Fl. Fennica 5: 197. [n. sp.]<sup>1</sup> Finland<sup>1</sup>  
Scandinavia<sup>2</sup>
- 1886 *Delphax pargasensis* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>2</sup>
- 1899 *Delphax pargasensis* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :107. [Listed.]<sup>1,2</sup>
- 1907 *Delphax pargasensis* Oshanin, Verz. Palaeark. Hemip. 2 (2): 314. [Listed.]<sup>1</sup> Equals *Liburnia pargasensis* Reut. -
- 1912 *Delphax pargasensis* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]
- 1924 *Liburnia pargasensis* Lindberg, Acta Soc. Fauna Flora Fennica 56: 39, 46. [Notes.]<sup>1</sup>

*parvistylus* Muir

- 1929 *Delphacodes parvistylus* Muir, Ann. Mag. Nat. Hist. (10) 4: 217; Cape Province<sup>1</sup>  
Figs. 51, 52. [n. sp., illustrated.]<sup>1</sup>

*paryphasma* Flor

- 1861 *Delphax paryphasma* Flor, Rhynch. Livlands 2: 75. [n. sp.]<sup>1</sup> :37, Estonia<sup>1</sup>  
39. [Key.] France<sup>2</sup>
- 1866 *Delphax paryphasma* Fieber, Verh. Zool. Bot. Ges. Wien 16: Pl. viii, Fig. 40. [Illustrated.] Russia<sup>3</sup>  
Germany<sup>4</sup>
- 1870 *Liburnia paryphasma* Scott, Ent. Monthly Mag. 7: 75. [Notes.] Spain<sup>5</sup>
- 1872 *Liburnia paryphasma* Fieber, Kat. Europäischen Cicad. :6. Portugal<sup>6</sup>  
[Listed.]<sup>1,2</sup> Scandinavia<sup>7</sup>
- 1875 *Delphax paryphasma* Puton, Cat. Hémip. d'Europe 2 Ed. :120. Finland<sup>8</sup>  
[Listed.]<sup>2,3</sup> Siberia<sup>9</sup>
- 1879 *Liburnia paryphasma* Fieber, Cicad. d'Europe Pt. 4: 103 (39). Central Europe<sup>10</sup>  
[Key.]<sup>1,4</sup> Equals *Delphax paryphasma* Flor. :134 (70). [Key.]
- 1879 *Liburnia paryphasma* Reuter, Bull. Soc. Ent. France (5) 9 xliiii. [Listed.]<sup>8</sup>

- 1880 *Liburnia paryphasma* Reuter, Medd. Soc. Fauna Fl. Fennica 5: 200. [Comparative note.]
- 1884 *Delphax paryphasma* Mayr, Tabellen :21. [Listed.]<sup>4</sup>
- 1886 *Delphax paryphasma* Puton, Cat. Hémp. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>2,3,5,6,7</sup>
- 1896 *Liburnia paryphasma* Melichar, Cicad. Mittel-Europa :86. [Described.]<sup>4</sup> :72. [Key.]
- 1899 *Delphax paryphasma* Puton, Cat. Hémp. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>2,3,5,6,7,8</sup>
- 1904 *Delphax paryphasma* Hübner, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>4</sup>
- 1907 *Delphax paryphasma* Oshanin, Verz. Palaeark. Hemip. 2 (2): 322. [Listed.]<sup>1,2,4,5,8,9</sup> Equals *Liburnia paryphasma* Flor.
- 1910 *Delphax paryphasma* Oshanin, Ann. Mus. Zool. St. Petersburg 15: 186. [Listed.]
- 1892 *Delphax paludosa* Ferrari, Ann. Mus. Genova (2) 12: 570 (22). [Listed.]<sup>6</sup>
- 1892 *Delphax paludosa* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>9</sup>
- 1892 *Delphax paludosa* Dominique, Bull. Soc. Sci. Nat. Ouest France 2: 116. [Listed.]<sup>7</sup>
- 1893 *Delphax paludosa* Bezzi, Bull. Soc. Ent. Italiana 25: 108 (28). [Listed.]<sup>6</sup>
- 1894 *Liburnia paludosa* Edwards, Hemip.-Homop. British Islands Pt. 2: Pl. VIII, Fig. 2b. [Illustrated]. :37. [Key.]
- 1894 *Liburnia paludosa* Edwards, Hemip.-Homop. British Islands Pt. 3: 67. [Described.]<sup>10</sup>
- 1896 *Liburnia paludosa* Melichar, Cicad. Mittel-Europa :90; Pl. v, Fig. 63. [Described, illustrated.]<sup>8</sup> :73. [Key.]
- 1899 *Delphax paludosa* Puton, Cat. Hémp. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>2,3,6,7,8,10</sup> Equals *Delphax hemiptera* Germ. [error.]
- 1901 *Delphax paludosa* Lambertie, Act. Soc. Linn. Bordeaux 56: 218 (90). [Listed.]<sup>7</sup>
- 1902 *Liburnia paludosa* Cobelli, Cicadine Trentino :10. [Listed.]<sup>6</sup>
- 1902 *Delphax paludosa* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) 2: 223. [Listed.]<sup>7</sup>
- 1904 *Delphax paludosa* Hübner, Syst. Verz. deutschen Zikadinen :270. [Listed.]<sup>2</sup> Equals *Delphax hemiptera* Germ. [error.]
- 1907 *Delphax paludosa* Oshanin, Verz. Palaeark. Hemip. 2 (2): 325. [Listed.]<sup>1,2,5,6,7,8,10</sup> Equals *Delphax hemiptera* Germ. [error.] Equals *Liburnia paludosa* Scott.
- 1908 *Delphax paludosa* Saunders and Edwards, Cat. British Hemiptera 1908:15. [Listed.]<sup>10</sup>
- 1912 *Delphax paryphasma* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>9,10</sup>
- 1915 *Liburnia paryphasma* Jensen-Haarup, Flora och Fauna 1915: 141. [Key.]
- 1920 *Liburnia paryphasma* Jensen-Haarup, Danmarks Fauna :61. [Key.]
- 1935 *Liburnia paryphasma* Haupt, Tierwelt Mitteleuropas 4 (3): 141. To *Liburnia bohemani* Stål. [error.]
- parysatis* Kirkaldy. See *Nilaparvata lugens* Stål.

### patruelis Stål

- 1859 *Delphax patruelis* Stål, Freg. Eugenes Resa 4: 276. [n. sp.]<sup>1</sup> Argentina<sup>1</sup>
- 1879 *Liburnia patruelis* Berg, An. Soc. Cient. Argentina 8: 188. [Listed.]<sup>1</sup> Equals *Delphax patruelis* Stål.
- 1879 *Liburnia patruelis* Berg, Hemip. Argentina :223. [Notes.]<sup>1</sup> Equals *Delphax patruelis* Stål.
- 1883 *Liburnia patruelis* Berg, An. Soc. Cient. Argentina 16: 237. [Listed.]
- 1884 *Liburnia patruelis* Berg, Add. Hemip. Argentina :143. [Listed.]
- 1914 *Megamelus patruelis* Crawford, Mon. Delphacidae :632. [Listed.]
- 1926 *Delphacodes patruelis* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 37. [Listed.] Equals *Delphax patruelis* Stål. Equals *Liburnia patruelis* Stål.

### pellucida Fabricius

- 1794 *Fulgora pellucida* Fabricius, Entomologia Syst. 4: 7. [n. sp.]<sup>1</sup> Germany<sup>1</sup>
- 1794 *Fulgora striata* Fabricius, Entomologia Syst. 4: 7 [n. sp.]<sup>1</sup> Estonia<sup>2</sup>
- 1794 *Fulgora marginata* Fabricius, Entomologia Syst. 4: 7. [n. sp.]<sup>1</sup> Sweden<sup>3</sup>
- 1794 *Fulgora flavescens* Fabricius, Entomologia Syst. 4: 7. [n. sp.]<sup>1</sup> Europe<sup>4</sup>
- 1795 *Cicada pellucida* Weber, Nom. Ent. :146. [Listed.] France<sup>5</sup>



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- 1795 *Fulgora pellucida* Weber, Nom. Ent. :144. [Listed.]  
 1795 *Fulgora striata* Weber, Nom. Ent. :144. [Listed.]  
 1795 *Fulgora marginata* Weber, Nom. Ent. :144. [Listed.]  
 1795 *Fulgora flavescens* Weber, Nom. Ent. :144. [Listed.]  
 1802 *Fulgora pellucida* Turton, A general system of nature 2: 573. [Described.]<sup>1</sup>  
 1802 *Fulgora striata* Turton, A general system of nature 2: 573. [Described.]<sup>1</sup>  
 1802 *Fulgora flavescens* Turton, A general system of nature 2: 573. [Described.]<sup>1</sup>  
 1802 *Fulgora marginata* Turton, A general system of nature 2: 573. [Described.]<sup>1</sup>  
 1803 *Delphax pellucida* Fabricius, Systema Rhyng. :84. [Described.]<sup>1</sup> Equals *Fulgora pellucida* Fabr.  
 1803 *Delphax striata* Fabricius, Systema Rhyng. :84. [Described.]<sup>1</sup> Equals *Fulgora striata* Fabr.  
 1803 *Delphax marginata* Fabricius, Systema Rhyng. :84. [Described.]<sup>1</sup> Equals *Fulgora marginata* Fabr.  
 1803 *Delphax flavescens* [sic] Fabricius, Systema Rhyng. :84. [Described.]<sup>1</sup> Equals *Fulgora flavescens* [sic] Fabr.  
 1804 *Asiraca pellucida* Latreille, Hist. Nat. Ins. 12: 318. [Described.]<sup>1</sup> Equals *Delphax lucida* [sic] Fabr.  
 1804 *Asiraca striata* Latreille, Hist. Nat. Ins. 12: 318. [Described.]<sup>1,5</sup> Equals *Delphax striata* Fabr.  
 1804 *Asiraca marginata* Latreille, Hist. Nat. Ins. 12: 318. [Described.]<sup>1,5</sup> Equals *Delphax marginata* Fabr.  
 1804 *Asiraca flavescens* Latreille, Hist. Nat. Ins. 12: 318. [Described.]<sup>1</sup> Equals *Delphax flavescens* Fabr.  
 1804 *Delphax marginata* Coquebert, Ill. Icon. Ins. 3: 92; Pl. xxi, Figs. 4a-c. [Described, illustrated.]<sup>6</sup> Labeled *Delphax minuta* [on plate.] Equals *Fulgora marginata* Fabr.  
 1806 *Delphax pellucida* Fallén, Vet. Akad. Handl. 27: 129. [Described.]<sup>3</sup> Equals *Fulgora pellucida* Fabr.  
 1806 *Delphax dispar* Fallén, Vet. Akad. Handl. 27: 126. [n. sp.]<sup>3</sup> Equals *Delphax flavescens* Fabr. Equals *Fulgora marginata* Fabr. Equals *Delphax marginata* Fabr.  
 1806 *Delphax striata* Fallén, Vet. Akad. Handl. 27: 129. Equals *Fulgora striata* Fabr.  
 1807 *Delphax pellucida* Latreille, Genera Crust. et Ins. 3: 168. [Listed.]  
 1807 *Delphax striata* Latreille, Genera Crust. et Ins. 3: 168. [Listed.]  
 1807 *Delphax marginata* Latreille, Genera Crust. et Ins. 3: 168. [Listed.]  
 1807 *Delphax flavescens* Latreille, Genera Crust. et Ins. 3: 168. [Listed.]  
 1810 *Delphax striata* Latreille, Consid. Gen. :434. [Listed.]  
 1814 *Delphax dispar* Fallén, Hemip. Dispon. Meth. :21. [Listed.]  
 1815 *Delphax pellucida* Leach, Edinburgh Encyclopedia 9: 125. [Described.]<sup>4</sup>  
 1816 *Asiraca pellucida* Lamarck, Hist. Nat. Animaux sans Vertèbres 3: 481. [Described.]<sup>4</sup> Equals *Delphax pellucida* Fabr.  
 1816 *Delphax pellucida* Leach, Brewster's New Edinburgh Encycl. American Ed. 8: 714. [Described.]<sup>4</sup>  
 1818 *Delphax marginata* Latreille, Tabl. Enc. Méth. :38; Pl. 397; Figs. 4-6. [Illustrated.]  
 1818 *Delphax pellucida* Germar, Mag. Ent. 3: 212. [Described.] :215. [Comparative note.]  
 1818 *Delphax striata* Germar, Mag. Ent. 3: 214. [Described.]  
 1818 *Delphax marginata* Germar, Mag. Ent. 3: 215. [Described.]  
 1818 *Delphax flavescens* Germar, Mag. Ent. 3: 213. [Described.]
- British Isles<sup>5</sup>  
 Ireland<sup>7</sup>  
 England<sup>8</sup>  
 Sardinia<sup>9</sup>  
 Scotland<sup>10</sup>  
 Kamchatka<sup>11</sup>  
 Switzerland<sup>12</sup>  
 Austria<sup>13</sup>  
 Italy<sup>14</sup>  
 Alaska<sup>15</sup>  
 Netherlands<sup>16</sup>  
 Finland<sup>17</sup>  
 Russia<sup>18</sup>  
 Norway<sup>19</sup>  
 Belgium<sup>20</sup>  
 New Jersey<sup>21</sup>  
 Czechoslovakia<sup>22</sup>  
 Ottawa<sup>23</sup>  
 New York<sup>24</sup>  
 Spain<sup>25</sup>  
 Hungary<sup>26</sup>  
 Scandinavia<sup>27</sup>  
 Siberia<sup>28</sup>  
 British  
 America<sup>29</sup>  
 Canada<sup>30</sup>  
 Eastern United States<sup>31</sup>  
 Algeria<sup>32</sup>  
 Japan<sup>33</sup>  
 North America<sup>34</sup>  
 Asia<sup>35</sup>  
 Yugoslavia<sup>36</sup>  
 Ohio<sup>37</sup>  
 Rumania<sup>38</sup>  
 Caucasus<sup>39</sup>  
 Turkestan<sup>40</sup>  
 Quebec<sup>41</sup>  
 Palaearctic region<sup>42</sup>  
 Batavia<sup>43</sup>  
 Nearctic region<sup>44</sup>  
 Pennsylvania<sup>45</sup>  
 Massachusetts<sup>46</sup>  
 New Hampshire<sup>47</sup>  
 Wisconsin<sup>49</sup>  
 Michigan<sup>49</sup>  
 Illinois<sup>50</sup>  
 Wyoming<sup>51</sup>  
 Nevada<sup>52</sup>  
 Colorado<sup>53</sup>  
 North Carolina<sup>54</sup>  
 Denmark<sup>55</sup>  
 Morocco<sup>56</sup>

- 1820 *Fulgora flavescens* Donovan, Rees' cyclopaedia 8: [3]. [Described.]<sup>1</sup> Northern States<sup>57</sup>
- 1820 *Fulgora marginata* Donovan, Rees' cyclopaedia 8: [3]. [Described.]<sup>1</sup> Oregon<sup>68</sup>
- 1820 *Fulgora pellucida* Donovan, Rees' cyclopaedia 8: [3]. [Described.]<sup>1</sup> Ontario<sup>59</sup>
- 1820 *Fulgora striata* Donovan, Rees' cyclopaedia 8: [3]. [Described.]<sup>1</sup> British Columbia<sup>60</sup>
- 1823 *Delphax pellucida* [sic] Duméril, Con. Gen. Ins. :220; Pl. 38, Fig. 7. [Illustrated.] Washington<sup>61</sup>
- 1823 *Delphax pellucida* Schinz, Das Thierreich 3: 594. [Listed.] North Africa<sup>62</sup>
- 1823 *Delphax striata* Schinz, Das Thierreich 3: 594. [Listed.] Connecticut<sup>63</sup>
- 1823 *Delphax flavescens* Schinz, Das Thierreich 3: 594. [Listed.] Cuba<sup>64</sup>
- 1824 *Delphax flavescens* Audouin, Dictionnaire classique d'histoire naturelle 5: 390. [Listed.]<sup>5</sup> Maine<sup>65</sup>
- 1824 *Delphax marginata* Audouin, Dictionnaire classique d'histoire naturelle 5: 390. [Listed.]<sup>5</sup> Libya<sup>66</sup>
- 1826 *Delphax dispar* Fallén, Hemip. Sueciae :74. [Described.]<sup>3</sup> Equals Wales<sup>67</sup>
- Fulgora marginata* Fabr. Equals *Fulgora flavescens* Fabr. Equals Poland<sup>68</sup>
- Delphax flavescens* Fabr. Equals *Delphax marginata* Fabr. Porto Rico<sup>69</sup>
- 1826 *Delphax pellucida* Fallén, Hemip. Sueciae: 76. [Described.]<sup>3</sup> Equals Transcaucasia<sup>70</sup>
- Delphax hemiptera* Germ. [error.] Sakhalin Island<sup>71</sup>
- 1828 *Delphax pellucida* Zetterstedt, Fauna Ins. Lapponica :548. [Described.]<sup>3</sup> Lapland<sup>72</sup>
- Asiraca marginata* Boitard, Man. Ent. Hist. Nat. Ins. 2: 157. [Described.]<sup>6</sup> Equals Baltrum Islands<sup>73</sup>
- Asiraca striata* Boitard, Man. Ent. Hist. Nat. Ins. 2: 157. [Described.]<sup>5</sup> Equals Alberta<sup>74</sup>
- 1828 *Delphax dispar* Zetterstedt, Fauna Ins. Lapponica :548. [Described.]<sup>3</sup> Equals *Delphax marginata* Fabr. Equals *Delphax flavescens* Fabr. Equals *Delphax striata* Fabr.
- 1829 *Delphax pellucida* Stephens, Catalogue of British Insects 2: 356. [Listed.]<sup>6</sup>
- 1829 *Delphax striata* Stephens, Catalogue of British Insects 2: 356. [Listed.]<sup>6</sup>
- 1829 *Delphax marginata* Stephens, Catalogue of British Insects 2: 356. [Listed.]<sup>6</sup>
- 1829 *Delphax flavescens* Stephens, Catalogue of British Insects [Listed.]<sup>6</sup>
- 1829 *Delphax striata* Stephens, Nomenclature of British Insects 1829: 66. [Listed.]<sup>6</sup>
- 1829 *Delphax marginata* Stephens, Nomenclature of British Insects 1829: 66. [Listed.]<sup>6</sup>
- 1829 *Delphax flavescens* Stephens, Nomenclature of British Insects 1829: 66. [Listed.]<sup>6</sup>
- 1829 *Delphax pellucida* Stephens, Nomenclature of British Insects 1829: 66. [Listed.]<sup>6</sup>
- 1829 *Delphax pellucida* Curtis, Guide Arrang. British Ins. :194. [Listed.]<sup>6,7</sup>
- 1829 *Delphax striata* Curtis, Guide Arrang. British Ins. :193. [Listed.]<sup>6,7</sup>
- 1829 *Delphax marginata* Curtis, Guide Arrang. British Ins. :193. [Listed.]<sup>6,7</sup>
- 1829 *Delphax flavescens* Curtis, Guide Arrang. British Ins. :194. [Listed.]<sup>6,7</sup>
- 1830 *Delphax marginata* var. *a* Germar, Thon Ent. Archiv. 2 (2): 57. [n. var.] Equals *Delphax flavescens* Fabr.
- 1830 *Delphax marginata* var. *b* Germar, Thon Ent. Archiv. 2 (2): 57. [n. var.] Equals *Delphax striata* Fabr.
- 1830 *Delphax pellucida* Germar, Thon Ent. Archiv. 2: 57. [Described.]<sup>1</sup> Equals *Fulgora pellucida* Fabr. To *Delphax notula* Germ. [error.] To *Delphax venosa* Germ. [error.]
- 1830 *Delphax marginata* Germar, Thon Ent. Archiv. 2: 57. [Described.]<sup>1,3</sup> Equals *Delphax flavescens* Germ. Equals *Delphax striata* Germ. Equals *Fulgora marginata* Fabr. Equals *Delphax dispar* Fall.
- 1833 *Delphax marginata* Germar, Rev. Ent. Silbermann 1: 176. [Listed.]
- 1834 *Delphax pellucida* Guérin-Méneville, Voyage aux Indes Belanger 1: 479. [Listed.]
- 1834 *Delphax striata* Guérin-Méneville, Voyage aux Indes Belanger 1: 479. [Listed.]
- 1834 *Delphax marginata* Guérin-Méneville, Voyage aux Indes Belanger 1: 479. [Listed.]
- 1834 *Delphax flavescens* Guérin-Méneville, Voyage aux Indes Belanger 1: 479. [Listed.]
- 1834 *Delphax dispar* Herrich-Schäffer, Deutschlands Ins. 126: 3. Equals *Delphax marginata* Fabr. Equals *Delphax flavescens* Fabr. Equals *Delphax striata* Fabr.
- 1835 *Delphax pellucida* Herrich-Schäffer, Nom. Ent. 1: 107. [Listed.] Equals *Fulgora*

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- pellucida* Fabr. Equals *Delphax venosa* Germ. [error.] :66. [Key.] :106. Equals  
*Delphax hemiptera* Germ. [error.] To [*Delphax*] *dispar* Germ.  
1835 *Delphax marginata* Burmeister, Handb. Ent. 2 (1): 150. [Described.] :151. Equals  
*Delphax flavescens* Germ. Equals *Delphax striata* Germ.  
1835 *Asiraca pellucida* Lamark, Hist. Nat. Animaux sans Vertèbres Second Ed. 4: 132.  
[Described.]<sup>4</sup> Equals *Delphax pellucida* Fabr.  
1835 *Delphax flavescens* Herrich-Schäffer, Nom. Ent. 1: 106. To [*Delphax*] *dispar* Germ.  
1835 *Delphax marginata* Herrich-Schäffer, Nom. Ent. 1: 106. To *Delphax dispar* [error.]  
1835 *Delphax dispar* Herrich-Schäffer, Nom. Ent. 1: 106. [Listed.] Equals *Delphax marginata*  
Fabr. Equals *Delphax striata* Fabr. Equals *Delphax flavescens* Fabr.  
1836 *Delphax pellucida* Herrich-Schäffer, Deutschlands Ins. 143: 18. [Described, illus-  
trated.] Equals *Delphax hemiptera* Germ. [error.] Equals *Delphax marginata* Fabr.  
Equals *Delphax venosa* Germ. [error.] Equals *Fulgora [pellucida]* Fabr. Equals  
*Fulgora marginata*. :19. To *Delphax notula* Germ. [error.]  
1837 *Delphax pellucida* Curtis, Guide Arrang. British Ins. Ed 2: 223. [Listed.]<sup>6</sup> Equals  
[*Delphax*] *guttula* Germ. [error.]  
1837 *Delphax striata* Curtis, Guide Arrang. British Ins. Ed. 2: 223. [Listed.]<sup>6</sup>  
1837 *Delphax marginata* Curtis, Guide Arrang. British Ins. Ed. 2: 223. [Listed.]<sup>6</sup>  
1837 *Delphax flavescens* Curtis, Guide Arrang. British Ins. Ed. 2: 223. [Listed.]<sup>6</sup>  
1837 *Delphax melanops* Gistel, Cicaden München :107 (12). [Listed.]<sup>1</sup> [nom. nud.] Equals  
*Delphax pellucida* Fabr.  
1837 *Delphax dispar* Gistel, Cicaden München :107 (12). [Listed.]<sup>1</sup>  
1837 *Delphax pellucida* Curtis, British Ent. 14: Pl. 657. [Listed.]<sup>8</sup>  
1837 *Delphax striata* Curtis, British Ent. 14: Pl. 657. [Listed.]<sup>8</sup>  
1837 *Delphax marginata* Curtis, British Ent. 14: Pl. 657. [Listed.]<sup>8</sup> Equals *Delphax*  
*minuta* Coq. [nec Fabr.]  
1837 *Delphax flavescens* Curtis, British Ent. 14: Pl. 657. ]Listed.]  
1837 *Delphax suturalis* Curtis, British Ent. 14: Pl. 657. [n. sp.]<sup>8</sup>  
1838 *Delphax marginata* Drapiez, Dictionnaire classique des sciences naturelles. 3: 422.  
[Listed.]<sup>5</sup>  
1838 *Delphax flavescens* [sic] Drapiez, Dictionnaire classique des sciences naturelles 3:  
422. [Listed.]<sup>5</sup>  
1839 *Delphax marginata* Spinola, Ann. Soc. Ent. France 8: 140. [Listed.]  
1839 *Delphax striata* Spinola, Ann. Soc. Ent. France 8: 333. [Listed.]  
1839 *Delphax dispar* Spinola, Ann. Soc. Ent. France 8: 333. [Notes.]  
1839 *Delphax pellucida* Spinola, Ann. Soc. Ent. France 8: 334. [Described.]<sup>9</sup> Equals  
*Delphax hemiptera* Zett. [error.]  
1839 *Delphax dispar* von Siebold, Preussische Prov.-Blatt. 21: 444. [Listed.]<sup>1</sup>  
1839 *Delphax pellucida* von Siebold, Preussische Prov.-Blatt. 21: 444. [Listed.]<sup>1</sup>  
1840 *Delphax marginata* Blanchard, Hist. Nat. Ins. Hemip. 3: 177. [Described.]<sup>1,5</sup>  
1840 *Delphax pellucide* [sic] Comte, Règne Animal :Pl. 68. [Listed, illustrated.]  
1840 *Asiraque* [sic] *strisee* [sic] Comte, Règne Animal :Pl. 68. [Listed.]  
1840 *Delphax dispar* Zetterstedt, Ins. Lapponica desc :305. [Described.]<sup>3</sup> Equals *Cicada*  
*dispar* Panz. Equals *Cicada dubia* Panz. [error.] Equals *Delphax marginata* Fabr.  
Equals *Delphax flavescens* Fabr. Equals *Delphax striata* Fabr.  
1840 *Delphax dispar* Herrich-Schäffer, Fauna Ratisbonensis 3 (2): 384. [Listed.]<sup>1</sup>  
1840 *Delphax pellucida* Herrich-Schäffer, Fauna Ratisbonensis 3 (2): 384. [Listed.]<sup>1</sup>  
1840 *Delphax pellucida* Zetterstedt, Ins. Lapponica desc. :305. [Described.]<sup>3</sup>  
1843 *Asiraca marginata* Boitard, Nouveau Man. Ent. 3: 85. [Described.]<sup>5</sup> Equals *Delphax*  
*marginata* Fabr.  
1843 *Asiraca striata* Boitard, Nouveau Man. Ent. 3: 85. [Described.]<sup>5</sup> Equals *Delphax*  
*striata* Fabr.  
1843 *Delphax flavescens* Amyot and Serville, Hist. Nat. Ins. Hemip. :512. [Described.]<sup>5</sup>  
1846 *Delphax marginata* Blanchard, d'Orbigny Dict. Univ. Hist. Nat. 4: 662. [Listed.]<sup>6</sup>  
1846 *Delphax flavescens* Blanchard, d'Orbigny Dict. Univ. Hist. Nat. 4: 662. [Listed.]<sup>6</sup>  
1847 *Javesa* Amyot, Ann. Soc. Ent. France (2) 5: 172. [Described.]<sup>6</sup> [non binom.] Equals  
*Delphax dubia* Panz. [error.]



- 1847 *Javesa nigra* Amyot, Ann. Soc. Ent. France (2) 5: 172. [Described.]<sup>5</sup> [non binom.]
- 1847 *Delphax* Amyot, Ann. Soc. Ent. France (2) 5: 170. [non binom.] Equals *Delphax flavescens* Am. and Serv.
- 1847 *Carphograpthus* Amyot, Ann. Soc. Ent. France (2) 5: 170. [Described.]<sup>5</sup> [non binom.] Equals *Delphax marginatus* Fabr.
- 1847 *Javesa dubia* Amyot, Ann. Soc. Ent. France (2) 5: 172. [Described.]<sup>5</sup> [non binom.]
- 1848 *Delphax* Amyot, Méth. Mon. :366. [non binom.] Equals *Delphax flavescens* Am. and Serv.
- 1848 *Carphograpthus* Amyot, Méth. Mon. :366. [Described.]<sup>5</sup> [non binom.] Equals *Delphax marginatus* Fabr.
- 1848 *Javesa* Amyot, Méth. Mon. :368. [Described.]<sup>5</sup> [non binom.] Equals *Delphax dubia* Panz. [error.]
- 1848 *Javesa dubia* Amyot, Méth. Mon. :368. [Described.]<sup>5</sup> [non binom.]
- 1848 *Javesa nigra* Amyot, Méth. Mon. :368. [Described.]<sup>5</sup> [non binom.]
- 1849 *Delphax flavescens* Blanchard, Cuvier's Le Règne Animal 6: Pl. 97, Fig. 9. [Illustrated.]
- 1850 *Delphax marginata* Blanchard, Hist. Nat. Ins. 3 (1): 177. [Described.]<sup>1,5</sup>
- 1850 *Delphax pellucida* Schaum, Allg. Encykl. Ersch und Gruber 51: 69. [Listed.]<sup>1</sup> Equals *Delphax venosa* Germ. [error.]
- 1850 *Delphax marginata* Schaum, Allg. Encykl. Ersch und Gruber 51: 69. [Listed.]<sup>1</sup> Equals *Delphax dispar* Fall. Equals *Delphax flavescens* Fabr. Equals *Delphax striata* Fabr.
- 1850 *Delphax pellucida* Boheman, Handl. Svenska Vet. Akad. 1849: 257. [Listed.]<sup>3</sup>
- 1850 *Delphax dispar* Dahlbom, Handl. Svenska Vet. Akad. 1850: 203. [Listed.]<sup>3</sup>
- 1851 *Javesa* Walker, List Homop. British Mus. 2: 351. To *Delphax dispar* Fall. [error.]
- 1851 *Delphax pellucida* Walker, List Homop. British Mus. 2: 351. [Listed.]<sup>1,8</sup> Equals *Fulgora pellucida* Fabr. Equals *Delphax hemiptera* Germ. [error.] Equals *Delphax venosa* Germ. [error.]
- 1851 *Delphax dispar* Wallengren, Öfv. Svenska Vet. Akad. Förh. 1850: 254. [Listed.]
- 1851 *Delphax dispar* Walker, List Homop. British Mus. 2: 351. [Listed.]<sup>1,5,10</sup> Equals *Javesa* Amyot [non binom.] Equals *Carphograpthus* Amyot [non binom.] Equals *Delphax striata* Fabr. Equals *Fulgora flavescens* Fabr. Equals *Delphax flavescens* Fabr. Equals *Fulgora marginata* Fabr. Equals *Delphax marginata* Fabr. Equals *Fulgora striata* Fabr. Equals *Cicada dispar* Panz.
- 1851 *Delphax suturalis* Walker, List Homop. British Mus. 2: 352. [Listed.]<sup>8</sup>
- 1854 *Delphax pellucida* Stål, Öfv. Svenska Vet. Akad. Förh. 11: 193. [Described.]<sup>3</sup>
- 1854 *Delphax marginata* de Graaf and Snellen van Vollenhoven, Herkots' Bouwstoffen fauna van Nederland 1 (3): 182. [Listed.]<sup>16</sup>
- 1854 *Delphax dispar* Stål, Öfv. Svenska Vet. Akad. Förh. 15: 194. [Described.]<sup>3</sup>
- 1854 *Delphax dispar* var. *a* Stål, Öfv. Svenska Vet. Akad. Förh. 11: 194. [n. var.] Equals *Delphax marginata* Fabr.
- 1854 *Delphax dispar* var. *b* Stål, Öfv. Svenska Vet. Akad. Förh. 11: 194. [n. var.] Equals *Delphax flavescens* Fabr.
- 1858 *Delphax dispar* Stål, Öfv. Svenska Vet. Akad. Förh. 15: 357. [Comparative note.]
- 1858 *Delphax pellucida* Stål, Öfv. Svenska Vet. Akad. Förh. 15: 357. [Comparative note.]
- 1858 *Delphax flavescens* Walker, List Homop. British Mus. Suppl. :83. [Listed.]<sup>9</sup>
- 1858 *Delphax dispar* Stål, Stett. Ent. Zeit. 19: 192. [Listed.]<sup>11</sup>
- 1859 *Delphax pellucida* Dohrn, Cat. Hemip. :61. [Listed.]<sup>3</sup>
- 1859 *Delphax dispar* Dohrn, Cat. Hemip. :61. [Listed.]<sup>3</sup> Equals *Delphax* ? *marginata* Fabr. Equals *Delphax* ? *flavescens* Fabr.
- 1859 *Delphax suturalis* Dohrn, Cat. Hemip. :61. [Listed.]<sup>8</sup>
- 1860 *Delphax pellucida* Walker, List British Hemip. :17. [Listed.]<sup>3</sup>
- 1860 *Delphax dispar* Walker, List British Hemip. :17. [Listed.]<sup>8</sup>
- 1860 *Delphax suturalis* Walker, List British Hemip. :17. [Listed.]<sup>8</sup>
- 1860 *Delphax flavescens* Duméril, Mém. Acad. Sci. Inst. Imp. 31: 1061. [Described.]
- 1860 *Delphax flavescens* Duméril, Entomologie Analytique 2: 1061. [Described.]
- 1861 *Delphax pellucida* Flor, Rhynch. Livlands 2: 65. [Described.]<sup>1,3,5,8,12,13,14</sup> Equals



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- Delphax obscurella* Boh. [error.] Equals *Delphax marginata* Fabr. Equals *Delphax hemiptera* Burm. [error.] Equals *Delphax suturalis* Curt. Equals *Delphax flavescens* Fabr. Equals *Delphax striata* Fabr. Equals *Delphax dispar* Fall. :38, 40. [Key.] :37. [Notes.] :64. [Comparative note.]
- 1861 *Delphax pellucida* Flor, Livlandischen Rhyn. :631. [Listed.]<sup>11,15</sup>
- 1862 *Delphax pellucida* Curtis, Homop. British Ent. :Pl. 657. [Listed.]<sup>8</sup>
- 1862 *Delphax striata* Curtis, Homop. British Ent. :Pl. 657. [Listed.]
- 1862 *Delphax marginata* Curtis, Homop. British Ent. :Pl. 657. [Listed.]<sup>8</sup> Equals *Delphax minuta* Coq. [nec. Fabr.]
- 1862 *Delphax flavescens* Curtis, Homop. British Ent. :Pl. 657. [Listed.]
- 1862 *Delphax suturalis* Curtis, Homop. British Ent. :Pl. 657. [Described.]<sup>8</sup>
- 1862 *Delphax dispar* Graaf, Six and Snellen van Vollenhoven, Tijdschr. Ent. 5: 77. [Listed.]<sup>16</sup> Equals *Delphax flavescens* Germ. Equals *Delphax marginata* Panz.
- 1862 *Delphax pellucida* Graaf, Six and Snellen van Vollenhoven, Tijdschr. Ent. 5: 77. [Listed.]<sup>16</sup>
- 1863 *Delphax pellucida* Snellen van Vollenhoven, Tijdschr. Ent. 6: 11. [Notes.]<sup>16</sup>
- 1863 *Delphax dispar* Snellen van Vollenoven, Tijdschr. Ent. 6: 11. [Notes.]<sup>16</sup>
- 1863 *Delphax marginata* Gestaecker, Peters, Carus, and Gerstaecker Handb. der Zoologie 2: 301. [Described.]
- 1865 *Delphax pellucidus* Marshall, Ent. Monthly Mag. 1: 273. [Described.]<sup>6</sup> Equals *Delphax suturalis* Curt. Equals *Delphax flavescens* Fabr. Equals *Delphax striata* Fabr. Equals *Delphax marginata* Fabr. Equals *Delphax dispar* Fall. Equals *Delphax obscurella* Stål [error.] Equals *Delphax hemiptera* Germ. [error.] :199. [Key.]
- 1865 [*Delphax*] *pellucidus* Marshall, Ent. Monthly Mag. 1: 252, 274. [Comparative note.]
- 1866 *Delphax marginata* Bellevoye, Cat. Hémip. Moselle :142 (30). [Listed.]<sup>6</sup>
- 1866 *Delphax flavescens* Bellevoye, Cat. Hémip. Moselle :142 (30). [Listed.]<sup>6</sup>
- 1866 *Delphax pellucida* Fieber, Verh. Zool. Bot. Ges. Wien 16: Pl. viii, Fig. 20. [Illustrated.]
- 1867 *Delphax pellucidus* Bold, Trans. Nat. Hist. Northumberland 1: 128. [Listed.]<sup>8</sup>
- 1867 *Delphax pellucida* Sahlberg, Not. Fennica [n. s.] 8: 231. [Listed.]<sup>72</sup>
- 1868 *Delphax pellucida* Sahlberg, Not. Fennica [n. s.] 9 (9): 188. [Listed.]<sup>17</sup> Equals *Delphax dispar* Stål. Equals *Delphax hemiptera* Stål. [error.] Equals *Delphax obscurella* Stål. [error.] :216. [Notes.]<sup>17</sup>
- 1868 *Deophax pellucida* Kirschbaum, Cicad. Wiesbaden :20, 26, 27. [Comparative note.]
- 1868 *Delphax dispar* Kirschbaum, Cicad. Wiesbaden :27, 28. [Key.]<sup>1</sup>
- 1868 *Delphax dubia* Kirschbaum, Cicad. Wiesbaden :26. [n. sp.]<sup>1</sup>
- 1868 *Delphax piceola* Kirschbaum, Cicad. Wiesbaden :30. [n. sp.]<sup>1</sup>
- 1869 *Liburnia pellucida* Stål, Berliner Ent. Zeit. 3: 117. [Listed.] Equals *Delphax pellucida* Fabr.
- 1869 *Liburnia striata* Stål, Berliner Ent. Zeit. 3: 117. [Listed.] Equals *Delphax striata* Fabr.
- 1869 *Liburnia marginata* Stål, Berliner Ent. Zeit. 3: 117. [Listed.] Equals *Delphax marginata* Fabr.
- 1869 *Liburnia flavescens* Stål, Berliner Ent. Zeit. 3: 117. [Listed.] Equals *Delphax flavescens* Fabr.
- 1870 *Liburnia pellucida* Scott, Ent. Monthly Mag. 7: 75. [Listed.]<sup>6</sup> :27; Fig. 2. [Key, illustrated.] :26. [Comparative note.]
- 1870 *Achorotile pellucida* Oshanin, Mém. Soc. Amis Sci. Nat. Moscou 6: 48. [Listed.]<sup>18</sup>
- 1871 *Liburnia pellucida* Sahlberg, Not. Fennica [n. s.] 9 (12): 436. [Described.]<sup>3,17,19</sup> Equals *Fulgora pellucida* Fabr. Equals *Delphax pellucida* Fabr. Equals *Fulgora flavescens* Fabr. Equals *Delphax flavescens* Fabr. Equals *Fulgora marginata* Fabr. Equals *Delphax dispar* Fall. Equals *Delphax hemiptera* Stål. [error.] :424. [Key.] :56. [Listed.]<sup>3,17,19</sup> :37. [Ecology.]
- 1871 *Delphax pellucida dispar* Brischke, Verz. Wanzen und Zirpen Prov. Preussen :13. [Listed.]<sup>1</sup> Equals *Delphax hemiptera* Germ. [error.]
- 1871 *Delphax dispar* Sahlberg, Not. Fennica [n. s.] 9 (12): 20. [Dimorphism.]

- 1871 *Achortile pellucida* Oshanin, Bull. Imp. Soc. Nat. Hist. Imp. Univ. Moscou 6 (3): 31. [Listed.]<sup>18</sup>
- 1871 *Delphax dispar* Oshanin, Mém. Soc. Amis Sci. Nat. Moscou 8: 108. [Listed.]
- 1871 *Delphax pellucida* Sahlberg, Not. Fennica [n. s.] 9 (12): 44. To *Liburnia discolor* Boh. [error.]
- 1872 *Liburnia pellucida* Fieber, Kat. Europäischen Cicad. :5. [Listed.]<sup>14,15</sup> Equals *Liburnia flavescens* Fabr. Equals *Liburnia marginata* Fabr. Equals *Liburnia dispar* Fall. Equals *Liburnia suturalis* Curt. Equals *Liburnia dubia* Kirschb. [nec Panzer]. Equals *Liburnia herrichi* Kirschb. [error.] Equals *Liburnia hemiptera* Germ. [error.]
- 1872 *Liburnia piccola* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>1</sup>
- 1872 *Liburnia pellucida* Fieber, Verh. Zool. Bot. Ges. Wien 22: 28. Equals *Delphax dubia* Kirschb. [nec Panz.] Equals *Delphax herrichi* Kirschb. [error.] Equals *Delphax dispar* Fall.
- 1873 *Liburnia pellucida* Scott, Ent. Monthly Mag. 10: 105, 106. [Comparative note.]
- 1874 *Liburnia pellucida* Lethierry, Cat. Hémipt. Dept. du Nord Second Ed. :258 (54). [Listed.]<sup>5</sup>
- 1874 *Liburnia pellucida* Siebke, Enumeratio Insectorum Norvegicorum 1: 40. [Listed.]<sup>19</sup>
- 1874 *Delphax dispar* Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 83. [Listed.]<sup>1</sup> Equals *Delphax pellucida* Flor.
- 1874 *Delphax dubia* Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 83. [Listed.]<sup>1</sup>
- 1875 *Delphax pellucida* Puton, Cat. Hémipt. d'Europe 2 Ed. :119. [Listed.]<sup>4</sup> Equals *Delphax flavescens* Fabr. Equals *Delphax marginata* Fabr. Equals *Delphax dispar* Fall. Equals *Delphax suturalis* Curt. Equals *Delphax dubia* Kirschb. [nec Panz.]
- 1875 *Delphax piccola* Puton, Cat. Hémipt. d'Europe 2 Ed. :121. [Listed.]<sup>1</sup>
- 1875 *Delphax dispar* Reuter, Ann. Soc. Ent. France (5) 5: 226. [Polymorphism.]
- 1876 *Liburnia pellucida* Douglas and Scott, Cat. British Hemip. :68. [Listed.]<sup>5</sup> Equals *Delphax pellucida* Fabr. Equals *Delphax flavescens* Fabr. Equals *Delphax marginata* Fabr. Equals *Delphax dispar* Fall. Equals *Delphax hemiptera* Germ. [error.] Equals *Delphax dubia* Kirschb. [nec Panz.] Equals *Delphax herrichi* Kirschb. [error.] Equals *Delphax flavescens* Fabr. :129 (65). [Key.]
- 1876 *Delphax marginata* Claus, Grundzüge der Zoologie :665. [Listed.]
- 1878 *Javesa* Fieber, Cicad. d'Europe Pt. 3: 273 (4). [non binom.] To *Aræopus crassicornis* Panz. [error.]
- 1878 *Delphax pellucida* Dale, History of Glanville's Wootton :305. [Listed.]<sup>8</sup>
- 1878 *Delphax pellucida* Lethierry, Ann. Soc. Ent. Belgique 21: xxxvii. [Listed.]<sup>20</sup>
- 1879 *Liburnia pellucida* Norman, Ent. Monthly Mag. 15: 255. [Listed.]<sup>10</sup>
- 1879 *Liburnia pellucida* Fieber, Cicad. d'Europe Pt. 4: 68 (4). [Key.]<sup>4</sup> Equals *Delphax pellucida* Fabr. Equals *Delphax marginata* Fabr. Equals *Delphax dispar* Fall. Equals *Delphax hemiptera* Germ. [error.] Equals *Delphax suturalis* Curt. Equals *Delphax dubia* Kirschb. [nec Panz.]. Equals *Delphax herrichi* Kirschb. [error.] Equals *Delphax flavescens* Fabr. :129 (65). [Key.]
- 1879 *Liburnia pellucida dispar* Fieber, Cicad. d'Europe Pt. 4: 72 (8). [Key.] Equals *Delphax dispar* Fall. Equals *Delphax pellucida* Kirschb.
- 1880 *Liburnia pellucida* Reuter, Medd. Soc. Fauna Fl. Fennica 5: 197. [Notes.]<sup>17</sup>
- 1880 *Delphax pellucida* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 55. [Listed.]<sup>5</sup>
- 1880 *Liburnia pellucida* Norman, Ent. Monthly Mag. 16: 213. [Listed.]<sup>10</sup>
- 1881 *Delphax pellucida* Lethierry, Ann. Soc. Ent. Belgique 25: viii. [Listed.]<sup>1</sup>
- 1881 *Delphax pellucida* Cuni y Martorell, An. Soc. Española Hist. Nat. 10: 377 (11). [Listed.]<sup>25</sup>
- 1881 *Liburnia pellucida* Mayr, Ber. Natur.-Med. Ver. Innsbruck 10: 86 (10). [Listed.]<sup>13</sup>
- 1882 *Liburnia pellucida* Cooke, Yorkshire Nat. [n. s.] 8: 71. [Listed.]<sup>8</sup>
- 1882 *Delphax pellucida* Ferrari, Cicad. Agri Ligustici :91 (19). [Listed.]<sup>14</sup> Equals *Liburnia pellucida* Fabr.
- 1883 *Liburnia pellucida* Bloomfield, Natural History of Hastings. First Suppl. 1883: 33. [Listed.]<sup>8</sup>
- 1883 *Delphax marginata* Karsch, Insektenwelt :649. [Described.]<sup>1</sup>
- 1884 *Delphax pellucida* Lomnicki, Spraw. Kom. Fizyj. 18: 232. [Listed.]<sup>68</sup>

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- 1884 *Delphax piceola* Mayr, Tabellen :21. [Listed.]  
 1884 *Liburnia pellucida* Edwards, Trans. Nat. Soc. Norwich 3: 713. [Listed.]<sup>8</sup>  
 1884 *Delphax pellucida* Mayr, Tabellen :20. [Listed.]<sup>4</sup>  
 1884 *Delphax piceola* Mayr, Tabellen :21. [Listed.]  
 1884 *Delphax pellucida dispar* Mayr, Tabellen :20. [Listed.]<sup>1</sup>  
 1885 *Delphax pellucida* Puton, Rev. Ent. 4: 138. Equals *Delphax piceola* Kirschb.  
 1885 *Delphax pellucida* Ivanoff, Liste des Cigales :89 (7). [Listed.] :116 (32). [Key.]  
 1885 *Delphax flavescens* Kirby, Elem. Text-book Ent. First Ed. :212. [Notes.]<sup>4</sup>  
 1885 *Liburnia pellucida* Reuter, Öfv. Finska Vet. Soc. Förh. 26: 28. [Listed.]<sup>28</sup>  
 1886 *Liburnia striatella* [nec Fall.] Edwards, Syn. British Homop.-Cicadina Pt. 1: 84. [Described.]<sup>6</sup> :60. [Key.]  
 1886 *Liburnia pellucida* Löw, Becker's Hernstein in Niederösterreich 3: 497. [Listed.]<sup>13</sup>  
 1886 *Delphax pellucida* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>4</sup>  
 Equals *Delphax flavescens* Fabr. Equals *Delphax marginata* Fabr. Equals *Delphax dispar* Fall. Equals *Delphax suturalis* Curt. Equals *Delphax dubia* Kirschb. Equals *Delphax piceola* Kirschb.  
 1886 *Delphax pellucida* Then, Kat. Österreichischen Cicad. 1886: 14. [Listed.]<sup>4,13,68</sup>  
 1886 *Liburnia pellucida* Edwards, Syn. British Homop.-Cicadina Pt. 1: 78. [Described.]<sup>6</sup>  
 Equals *Delphax pellucida* Fabr. Equals *Delphax flavescens* Fabr. Equals *Delphax marginata* Fabr. Equals *Delphax dispar* Fall. Equals *Delphax hemiptera* Stål. [error.] Equals *Delphax suturalis* Curt. Equals *Delphax dubia* Kirschb. [nec Panz.] :60. [Key.]  
 1886 *Delphax marginata* Leunis, Synop. Thierkunde 2: 464. [Described.]<sup>1</sup>  
 1887 *Delphax pellucida* Fauvel, Rev. Ent. 6: 16. [Listed.]<sup>5</sup>  
 1888 *Delphax pellucida* Dubois, Mém. Soc. Linn. Nord France 7: 155 (59). [Listed.]<sup>5</sup>  
 1888 *Liburnia pellucida* Edwards, Ent. Monthly Mag. 24: 196; Fig. C. [Described, illustrated.]<sup>6</sup>  
 1890 *Liburnia pellucida* Saunders and Edwards, Cat. British Hemiptera 1890: 12. [Listed.]  
 1890 *Liburnia pellucida* Buckton, Mon. British Cicadae 2: 48; Pl. xiv, Figs. 6, 7. [Described, illustrated.]<sup>6</sup> Equals *Delphax pellucida* Fabr. Equals *Delphax marginatus* Fabr. Equals *Delphax flavescens* Fabr. Equals *Delphax dispar* Fall. Equals *Delphax hemiptera* Stål [error.] Equals *Delphax suturalis* [sic] Curt. Equals *Delphax dubia* Kirschb. [nec Panz.] :51, 63. [Comparative note.]  
 1890 *Liburnia pellucida* Buckton, Mon. British Cicadae 1: Pl. A, Fig. 8. [Illustrated.]  
 1890 *Liburnia pellucida* Buckton, Mon. British Cicadae 3: 66. [Synopsis.]  
 1890 *Delphax pellucida* Funk, Ber. Nat. Ges. Bamberg 15: 140. [Listed.]<sup>1</sup>  
 1890 *Delphax pellucida* Dominique, Ann. Soc. Acad. Loire-Inférieure 1890: 110 (26). [Listed.]<sup>5</sup>  
 1890 *Delphax bicolor* Smith, Cat. Ins. New Jersey 1890: 440. [Listed.]<sup>21</sup> [nom. nud.]  
 1891 *Delphax pellucida* Fokker, Cat. Nederland Hemip. :366. [Listed.]<sup>6</sup>  
 1891 *Delphax pellucida* Fokker, Compte Rendu Soc. Ent. Belgique 35: cccxli. [Listed.]<sup>20</sup>  
 1891 *Liburnia pellucida* Horváth, Glasnik, Hrv. Nar. Družtva 6: 48. [Listed.]<sup>36</sup>  
 1891 *Liburnia pellucida* Oshanin, Mém. Sect. caucasienne Soc. russe Geogr. 23 (1): 48. [Listed.]<sup>13</sup>  
 1892 *Delphax pellucida* Carpentier and Dubois, Mém. Soc. Linn. Nord France 8: 432. [Listed.]<sup>5</sup>  
 1892 *Delphax pellucida* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>20</sup>  
 1892 *Liburnia pellucida* Harrington, Ottawa Nat. 6: 31. [Listed.]<sup>23</sup>  
 1892 *Delphax pellucida* Duda, Cat. Ins. Faunae Bohemicae :28. [Listed.]<sup>22</sup> Equals *Delphax flavescens* Fabr. Equals *Delphax marginata* Fabr. Equals *Delphax dispar* Fall. Equals *Delphax suturalis* Curt. Equals *Delphax dubia* Kirschb. [nec Panz.] Equals *Delphax piceola* Kirschb.  
 1892 *Delphax pellucida* Dominique, Bull. Soc. Sci. Nat. Ouest France 2: 116. [Listed.]<sup>5</sup>  
 1892 *Delphax pellucida* Ferrari, Ann. Mus. Genova (2) 12: 569 (21). [Listed.]<sup>14</sup>  
 1892 *Delphax flavescens* Kirby, Elem. Text-book Ent. Second Ed. :212. [Notes.]<sup>4</sup>  
 1892 *Delphax pellucida* Lethierry, Rev. Hémipt. Belgique :22. [Listed.]<sup>20</sup>  
 1892 *Delphax pellucida* Spitzner, Verh. Naturf. Verh. Brünn 30: 26. [Listed.]<sup>22</sup>



- 1893 *Delphax pellucida* Bezzi, Bull. Soc. Ent. Italiana 25: 108 (28). [Listed.]<sup>14</sup>
- 1894 *Liburnia pellucida* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 191. [Listed.]<sup>24</sup>
- 1894 *Liburnia striatella* [nec Fall.] Edwards, Hemip.-Homop. British Islands Pt. 2: 37; Pl. 7, Figs. 7, 8. [Key, illustrated.]
- 1894 *Liburnia striatella* [nec Fall.] Edwards, Hemip.-Homop. British Islands Pt. 3: 65. [Described.]<sup>6</sup>
- 1894 *Liburnia pellucida* Edwards, Hemip.-Homop. British Islands Pt. 2: 58; Pl. 6, Figs. 8, 8a. [Described, illustrated.]<sup>6</sup> :36. [Key.] :51, 62, 59. [Comparative note.]
- 1894 *Delphax pellucida* Moraguez y de Manzanos, An. Soc. Española Hist. Nat. 23: 84 (12). [Listed.]<sup>25</sup>
- 1894 *Delphax pellucida* Rey, Échange 10: 14. [Notes.]
- 1894 *Liburnia pellucida* Van Duzee, Bull. Michigan Agr. Exp. Sta. 102: 8. [Comparative note.]
- 1895 *Delphax pellucida* Wüstnei, Schr. Nat. Ver. Schleswig-Holsteins. 10: 269. [Listed.]<sup>1</sup>
- 1896 *L[iburnia] pellucida* Melichar, Cicad. Mittel-Europa. 1896: 75. [Comparative note.]
- 1896 *Liburnia pellucida* Melichar, Cicad. Mittel-Europa :75; Pl. v, Fig. 11. [Described, illustrated.]<sup>1,4,13,22</sup> Equals *Delphax pellucida* Fabr. Equals *Delphax flavescens* Fabr. Equals *Delphax marginata* Fabr. Equals *Delphax suturalis* Curt. Equals *Delphax dubia* Kirschb. [nec Panz.] Equals *Delphax herrichii* Kirschb. [error.] Equals *Delphax dispar* Kirschb. Equals *Delphax hemiptera* Stål [error.] :71. [Key.]
- 1896 *Liburnia pellucida dispar* Melichar, Cicad. Mittel-Europa :71. [Key.] :75. [Described.]
- 1897 *Liburnia pellucida* Oudemans, De Nederlandsche Insecten 6: 287. [Described.]
- 1897 *Liburnia pellucida* Melichar, Wien. Ent. Zeit. 16: 188. [Comparative note, listed.]
- 1897 *Delphax pellucida* Horváth, Fauna Regni Hungariae :56. [Listed.]<sup>25</sup>
- 1897 *Liburnia pellucida* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 247. [Described.]<sup>4,16,18,24,27,28,29,30,31</sup> Equals *Fulgora pellucida* Fabr. Equals *Delphax pellucida* Fabr. :227. [Listed.] :234, 238, 249, 250, 257, 259. [Comparative note.]
- 1899 *Delphax pellucida* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :107. [Listed.]<sup>4</sup>
- 1899 *Delphax flavescens* Fabr. Equals *Delphax marginata* Fabr. Equals *Delphax dispar* Fall. Equals *Delphax suturalis* Curt. Equals *Delphax dubia* Kirschb. [nec Panz.] Equals *Delphax piceola* Kirschb.
- 1900 *Liburnia pellucida* Smith, Ins. New Jersey 1900: 89. [Listed.]<sup>31</sup>
- 1900 *Delphax pellucida* Fokker, Tijdschr. Ent. 42: 14. [Listed.]<sup>1</sup>
- 1900 *Liburnia pellucida* Lameere, Manuel Faune Belgique 2: 142. [Key, listed.]<sup>20</sup>
- 1900 *L[iburnia] pellucida* Matsumura, Ent. Nachr. 26: 262. [Comparative note.]
- 1900 *Liburnia pellucida* Strobl, Mitt. Natur. Ver. Steiermark 36: 205. [Listed.]<sup>13</sup>
- 1900 *Liburnia pellucida dispar* Strobl, Mitt. Natur. Ver. Steiermark 36: 205. [Listed.]<sup>13</sup>
- 1900 *Liburnia pellucida* Fokker, Tijdschr. Ent. 42: 25. [Listed.]<sup>32</sup>
- 1900 *Liburnia pellucida* Melichar, Wien. Ent. Zeit. 19: 45. [Listed.]<sup>23</sup>
- 1900 *Liburnia yezoana* Matsumura, Ent. Nachr. 26: 265. [n. sp.]<sup>33</sup>
- 1901 *Delphax pellucida* Lambertie, Act. Soc. Linn. Bordeaux 56: 89. [Listed.]<sup>5</sup>
- 1901 *Embolophora pellucida* Kirkaldy, Entomologist 34: 338. [Listed.]<sup>4,11,15,24,34,35</sup>
- 1901 *Delphax pellucida* Horváth, Zool. Erg. Zichy :256. [Listed.]<sup>18</sup>
- 1901 *Liburnia pellucida* Schouteden, Ann. Soc. Ent. Belgique 45: 269. [Listed.]<sup>20</sup>
- 1901 *Delphax pellucida* Lambertie, Act. Soc. Linn. Bordeaux 56: 217 (89). [Listed.]<sup>5</sup>
- 1902 *Liburnia pellucida* Cobelli, Cicadine Trentino :9. [Listed.]<sup>14</sup>
- 1902 *Delphax pellucida* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) 2: 222. [Listed.]<sup>6</sup>
- 1902 *Fulgora pellucida* Sherborn, Index Animalium 1758-1800 1902: 728. [Listed.]
- 1902 *Fulgora striata* Sherborn, Index Animalium 1758-1800 1902: 934. [Listed.]
- 1902 *Fulgora marginata* Sherborn, Index Animalium 1758-1800 1902: 587. [Listed.]
- 1902 *Fulgora flavescens* Sherborn, Index Animalium 1758-1800 1902: 373. [Listed.]
- 1903 *Delphax pellucida* Graefe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 62 (22). [Listed.]<sup>14</sup>
- 1903 *Delphax pellucida* Horváth, Ann. Mus. Nat. Hungarici 1: 28. [Listed.]<sup>36</sup>
- 1904 *Liburnia pellucida* Swezey, Prelim. Cat. Fulgoridae North America 1904: 38. [Listed.]<sup>15,24,29,30,31,37</sup> Equals *Fulgora pellucida* Fabr. Equals *Delphax pellucida* Fabr.



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- 1904 *Delphax pellucida* Hüber, Syst. Verz. deutschen Zikadenen :269. [Listed.]<sup>1</sup> Equals *Delphax flavescens* Fabr. Equals *Delphax marginata* Fabr. Equals *Delphax dispar* Fall. Equals *Delphax suturalis* Curt. Equals *Delphax dubia* Kirschb. [nec Panz.] Equals *Delphax piceola* Kirschb.
- 1904 *Liburnia pellucida* Osborn, Ohio Nat. 4: 100. [Listed.]<sup>37</sup>
- 1905 *Liburnia pellucida* Van Duzee, Bull. New York State Mus. 97: 553. [Listed.]<sup>24</sup>
- 1906 *Delphax pellucida* Matsumura, Schr. Nat. Ges. Danzig 11: 76. [Listed.]<sup>1</sup>
- 1906 [*Delphax*] *pellucida* Van Duzee, Canadian Ent. 38: 408. [Comparative note.]
- 1906 *Liburnia pellucida* Slosson, Ent. News 17: 326. [Listed.]<sup>47</sup>
- 1907 *Liburnia pellucida* Bierman, Ent. Berichten 2: 113. [Listed.] :164. [Listed.]
- 1907 *Delphax pellucida* Matsumura, Annot. Zool. Japonenses 6: 88. [Listed.]<sup>33</sup>
- 1907 *Delphax pellucida* Oshanin, Verz. Palaeark. Hemip. 2 (2): 312. [Listed.]<sup>1,2,3,5,6,13,14,15,17,18,24,26,28,32,38,39,40,70</sup> Equals *Delphax flavescens* Fabr. Equals *Delphax marginata* Fabr. Equals *Delphax dispar* Fall. Equals *Delphax suturalis* Curt. Equals *Delphax dubia* Kirschb. [nec Panz.] Equals *Delphax piceola* Kirschb. Equals *Liburnia pellucida* Sahlb.
- 1907 *Delphax yezoana* Oshanin, Verz. Palaeark. Hemip. 2 (2): 330. [Listed.]<sup>33</sup> Equals *Liburnia yezoana* Mats.
- 1907 *Delphax pellucida* Oshanin, Cat. Homop. St. Pétersbourg 1907: 246 (34). [Listed.]<sup>18</sup>
- 1907 [*Liburnia*] *pellucida* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 8: 47, 48, 49. [Comparative note.]
- 1907 *Liburnia pellucida* Moore, Canadian Ent. 39: 189. [Listed.]<sup>41</sup>
- 1907 *Liburnia pellucida* Butler, Hemip. Hastings :56. [Listed.]<sup>8</sup>
- 1908 *Delphax pellucida* Reuter, Acta Soc. Sci. Fennicae 36 (1) :72. [Listed.]<sup>42</sup> :102, 108, 117. [Listed.]
- 1908 *Delphax pellucida* Saunders and Edwards, Cat. British Hemiptera 1908: 15. [Listed.]<sup>6</sup>
- 1908 *Liburnia pellucida* Horváth, Ann. Mus. Nat. Hungarici 6: 6. [Listed.]<sup>4,34</sup>
- 1908 *Liburnia pellucida* Van Duzee, Canadian Ent. 40: 114. [Listed.]<sup>41</sup>
- 1908 *Delphax pellucida* Oshanin, Verz. Palaeark. Hemip. 2 (3): 452. [Listed.]<sup>20,48</sup>
- 1910 *Delphax pellucida* Lambertie, Misc. Ent. 18: 92. [Listed.]<sup>9</sup> Equals *Delphax flavescens* Fabr. Equals *Delphax marginata* Fabr. Equals *Delphax dispar* Fall. Equals *Delphax suturalis* Curt. Equals *Delphax dubia* Kirschb. [nec Panz.] Equals *Delphax piceola* Kirschb.
- 1910 *Liburnia pellucida* Young, Bull. New York State Mus. 141: 124. [Listed.]<sup>24</sup>
- 1910 *Liburnia pellucida* Smith, Rept. Ins. New Jersey 1910: 98. [Listed.]
- 1912 *Delphax pellucida* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>4,28,32,39,40,44</sup> Equals *Delphax flavescens* Fabr. Equals *Delphax marginata* Fabr. Equals *Delphax dispar* Fall. Equals *Delphax suturalis* Curt. Equals *Delphax dubia* Kirschb. [nec Panz.] Equals *Delphax piceola* Kirschb.
- 1912 *Delphax yezoana* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>33,71</sup>
- 1912 *Delphax pellucida* Butler, Ent. Monthly Mag. 48: 189. [Listed.]<sup>67</sup>
- 1912 *Liburnia pellucida* Licent, Rech. d'anat. Homop. 1912: 110, 116. [Morphology of digestive tubes.]
- 1912 *Liburnia pellucida dispar* Licent, Rech. d'anat. Homop. 1912: 116. [Morphology of digestive tubes.]
- 1912 *Liburnia pellucida dispa* [sic] Licent, Rech. d'anat. Homop. 1912: 110. [Morphology of digestive tubes.]
- 1912 *Delphax pellucida* Sabrinsky, Mitt. Natur. Ver. Steiermark 48: 316. [Listed.]<sup>13</sup>
- 1912 *Delphax pellucida* Schumacher, Ent. Rundsch. 29: 95. [Listed.]<sup>73</sup> Equals *Liburnia pellucida* Fabr.
- 1913 *Liburnia pellucida* Melichar, Fauna Walouyki Russie 7: 6. [Listed.]<sup>18</sup>
- 1913 *Liburnia pellucida* Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]<sup>13</sup>
- 1914 *M[egamelus] pellucida* [sic] Crawford, Mon. Delphacidae :616, 617, 625, 628, 630. [Comparative note.]
- 1914 *Delphax pellucida* Handlirsch, Schröder's Handbuch der Entomologie 3 (5): 93. [Listed.]
- 1914 *Liburnia pellucida* MacGillavry, Tijdschr. Ent. 57: 94. [Listed.]<sup>16</sup>

- 1914 *Megamelus pellucidus* Crawford, Mon. Delphacidae :615; Pl. 47, Figs. N, O; Pl. 49, Fig. I. [Described, illustrated.]<sup>13,45,46,47,48,49,50,51,52,53</sup> Equals *Fulgora pellucida* Fabr. Equals *Delphax pellucida* Fabr. Equals *Liburnia pellucida* Fieb. Equals *Liburnia arvensis* Fitch [error.] Equals *Liburnia furcata* Prov. [error.] Equals *Liburnia detecta* Van Duz. [error.] :607. [Key.]
- 1915 *Delphax pellucida* Whittaker, Lancashire and Cheshire Nat. 1915: 159. [Listed.]<sup>8</sup>
- 1915 *Liburnia pellucida* Metcalf, Jour. Elisha Mitchell Soc. 31: 44 (12). [Listed.]<sup>64</sup>
- 1915 *Liburnia pellucida* Jensen-Haarup, Flora och Fauna 1915: 143; Figs. 16a-d. [Described, illustrated.]<sup>65</sup> :141. [Key.]
- 1915 *Liburnia pellucida* Jacobsen, Ent. Medd. 10: 319. [Listed.]<sup>66</sup>
- 1916 *Delphax pellucida* Bergevin, Bull. Soc. Hist. Nat. Afrique du Nord 7: 315. [Listed.]<sup>66</sup>
- 1916 *Liburnia pellucida* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>30,67</sup>
- 1917 *Liburnia pellucida* Van Duzee, Proc. California Acad. Sci. 7: 314. [Listed.]<sup>68</sup>
- 1917 *Delphax pellucida* Haupt, Wien. Ent. Zeit. 36: 254. [Listed.]<sup>3</sup>
- 1917 *Delphax pellucida* Muir, Proc. Hawaiian Ent. Soc. 3: 332. [Listed.]
- 1917 *Liburnia* [sic] *semicinclusus* Van Duzee, Proc. California Acad. Sci. 7: 315. [n. sp.]<sup>68,61</sup>
- 1917 *Liburnia pellucida* Van Duzee, Cat. Hemip. America :774. [Listed.]<sup>15,21,24,37,41,42,47,53,54,59,60</sup> Equals *Fulgora pellucida* Fabr. Equals *Delphax pellucida* Fabr. Equals *Embolophora pellucida* Kirk. Equals *Megamelus pellucida* Crawford. Equals *Fulgora marginata* Fabr. Equals *Delphax marginata* Fabr. Equals *Fulgora flavescens* Fabr. Equals *Delphax flavescens* Fabr. Equals *Fulgora striata* Fabr. Equals *Delphax striata* Fabr. Equals *Delphax dispar* Fall. Equals *Delphax dubia* Kirschb. [nec Panz.] Equals *Delphax piccola* Kirschb. Equals *Delphax suturalis* Curt.
- 1919 *Liburnia pellucida* [sic] Lyle, Entomologist 52: 7. [Listed.]<sup>8</sup>
- 1920 *Liburnia pellucida* Jensen-Haarup, Danmarks Fauna :50; Fig. 25. [Described, illustrated.]<sup>4,28,34,56,62</sup> :47, 48. [Key.]
- 1920 *Liburnia pellucida* Britton, Check-List Ins. Connecticut :47. [Listed.]<sup>63</sup>
- 1920 *Delphax pellucida* Tullgren and Wahlgren, Svenska Insekter 1920: 152. [Notes.]<sup>3</sup>
- 1922 *Liburnia pellucida* MacGillavry, Ent. Berichten 6: 68. [Listed.]
- 1922 *Delphax pellucida* Stichel, Int. Ent. Zeits. 16: 133. [Listed.]<sup>1</sup>
- 1922 *Liburnia pellucida* Osborn, Tech. Publ. New York St. Coll. For. 16: 51. [Ecology.]<sup>24</sup>
- 1923 *Liburnia pellucida* Balduf, Bull. Ohio Agr. Exp. Sta. 366: 165. [Listed.]<sup>67</sup>
- 1923 *Liburnia pellucida* Metcalf, Jour. Elisha Mitchell Soc. 38: 172; Pl. 61, Fig. 455; Pl. 70, Fig. 695. [Key, illustrated.] :148. Equals *Liburnia arvensis* Fitch [error.]
- 1923 *Liburnia pellucida* Van Duzee, Fulgoridae Hemip. Connecticut :53. [Notes.]<sup>30,53,57,60,63</sup> :52. [Key.]
- 1924 *Delphacodes pellucida* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 20; Pl. 1, Fig. 1; Pl. 5, Fig. 66. [Described, illustrated.]<sup>4,8,33,34,42,44,58</sup> Equals *Fulgora pellucida* Fabr. Equals *Liburnia semicinclusa* Van Duz. Equals *Liburnia yezoana* Mats. Equals *Delphax bicolor* Fitch [nom. nud.] :17, 19. [Comparative note.]
- 1924 *Liburnia pellucida* Lindberg, Acta Soc. Fauna Flora Fennica 56: 46. [Listed.]<sup>17</sup>
- 1924 *Asiraca flavescens* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 18. [Listed.]
- 1924 *Delphax striata* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 18. [Listed.]
- 1924 *Asiraca striata* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 18. [Listed.]
- 1924 *Delphax marginata* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 18. [Listed.]
- 1924 *Asiraca marginata* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 18. [Listed.]
- 1924 *Delphax pellucida* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 18. [Listed.]
- 1924 *Asiraca pellucida* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 18. [Listed.]
- 1924 *Delphax flavescens* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 18. [Listed.]
- 1924 *Carphograptus* Sherborn, Index Animalium 5: 1111. [Listed.] [non binom.]
- 1925 *Delphax pellucens* [sic] Ahlberg, Medd. Centr. Förs. Jordbr. 287: 79; Fig. 3. [Parasites, illustrated.]
- 1925 *Delphax pellucida* Della Beffa, Boll. Soc. Ent. Italiana 57: 147. [Listed.]<sup>14</sup>

*Delphacodes*

- 1925 *Liburnia pellucida* Lindberg, Arkiv. Zool. 17: 8. [Listed.]<sup>28</sup>  
 1925 *Delphax pellucida* Kupka, Mitt. Münchner. Ent. Ges. 15: 112. [Listed.]<sup>1</sup>  
 1925 *Delphax dispar* Sherborn, Index Animalium 8: 1963. [Listed.]  
 1925 *Delphax pellucida* Tullgren, Medd. Centr. Fors. Jordbr. 287: 49-60; Figs. 22-28. [Economics, illustrated.]  
 1925 *Delphax pellucida* Singh-Pruthi, Trans. Ent. Soc. London 1925: 229; Pl. XXXI, Fig. 268. [Genitalia, illustrated.]  
 1926 *Delphax pellucidus* Blöte, De Levende Natuur. 4: 113. [Listed.]<sup>16</sup>  
 1926 *Delphacodes pellucida* Dozier, Jour. New York Ent. Soc. 34: 259, 261. [Comparative note.]  
 1926 *Delphacodes pellucida* Osborn, Sci. Contr. Trop. Pl. Res. Found. 2: 359. [Listed.]<sup>64</sup>  
 1926 *Delphax flavescens* Sherborn, Index Animalium 10: 2414. [Listed.] Equals *Fulgora flavescens* Fabr.]  
 1926 *Asiraca flavescens* Sherborn, Index Animalium 10: 2413. [Listed.] Equals *Delphax flavescens* Fabr.]  
 1926 *Delphacodes pellucida* Osborn, Ann. Ent. Soc. America 19: 359. [Listed.]<sup>64</sup>  
 1926 *Liburnia pellucida* Lindberg, Not. Ent. 6: 113. [Listed.]<sup>3</sup>  
 1926 *Delphax pellucidus* Rémy-Perrier, Homop. Faune France 4: 94. [Key.]<sup>6</sup>  
 1926 *Liburnia pellucida* Coker, Biol. Bull. 50: 29. [Listed.]<sup>46</sup>  
 1927 *Liburnia pellucida* Johnson, Biol. Surv. Mount Desert Reg. 1: 33. [Listed.]<sup>66</sup>  
 1927 *Liburnia pellucida* Lindberg, Mem. Soc. Fauna Flora Fennica 1: 64, 67. [Ecology.]<sup>72</sup>:64. [Listed.]<sup>3</sup>  
 1927 *Delphax pellucida* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 143. [Listed.]<sup>5</sup>  
 1927 *Javesa* Sherborn, Index Animalium 13: 3285. [Listed.] [non binom.]  
 1927 *Carphogaptus* Schulze, Kükenthal and Heider, Nomenclator Animal. 2 (6): 554. [Listed.] [non binom.]  
 1927 *Liburnia pellucida* Downes, Proc. Ent. Soc. British Columbia 23: 21. [Listed.]<sup>60</sup>  
 1928 *Delphax marginata* Sherborn, Index Animalium 15: 3871. [Listed.] Equals *Fulgora marginata* Fabr.]  
 1928 *Asiraca marginata* Sherborn, Index Animalium 15: 3868. [Listed.] Equals *Delphax marginata* Fabr.]  
 1928 *Delphax pellucida* Brown, Ent. Monthly Mag. 64: 64. [Listed.]<sup>67</sup>  
 1928 *Delphax pellucida* Ivanov, Mém. Acad. Sci. Ukraine 6: 197. [Listed.]<sup>18</sup>  
 1928 *Delphax pellucida* Ivanov, Trav. Mus. Zool. 1928: 501. [Listed.]<sup>18</sup>  
 1928 *Delphax pellucida* Filipieff, Guide to Insects :159. [Key.]  
 1928 *Delphacodes pellucida* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 181. [Listed.]<sup>24</sup>  
 1929 *Delphax pellucida* Brown, Ent. Monthly Mag. 65: 42. [Listed.]<sup>8</sup>  
 1929 *Delphax pellucida* Lindberg, Comm. Biol. 3 (6): 2, 14. [Listed.]<sup>11, 28, 35</sup>  
 1929 *Asiraca pellucida* Sherborn, Index Animalium 19: 4823. [Listed.] Equals *Delphax pellucida* Fabr.]  
 1929 *Delphax pellucida* Sherborn, Index Animalium 19: 4824. [Listed.] Equals *Fulgora pellucida* Fabr.]  
 1929 *Delphax pellucida* Tullgren, Kulturvaxterna och Djurvarlden 1929: 213; Figs. 148, 151 [Economics, illustrated.]  
 • 1930 *Delphax pellucida* Britten, Check List Fauna Lancashire and Cheshire 1: 74. [Listed.]<sup>8</sup>  
 1930 *Javesa* Schulze, Kükenthal and Heider, Nomenclator Animal. 3 (13): 1710. [Listed.] [non binom.]  
 1931 *Delphax striata* Sherborn, Index Animalium 25: 6180. [Listed.] Equals *Fulgora striata* Fabr.]  
 1931 *Asiraca striata* Sherborn, Index Animalium 25: 6176. [Listed.] Equals *Delphax striata* Fabr.]  
 1931 *Delphax suturalis* Sherborn, Index Animalium 25: 6334. [Listed.]  
 1931 *Liburnia pellucida* Rabeler, Zeits. Morph. Ökol. Tiere 21: 228. [Listed.]<sup>1</sup>  
 1931 *Delphax pellucida* Bergevin, Ann. Mus. Genova 55: 430 (9). [Listed.]<sup>28, 39, 40, 44, 62, 66</sup>



- 1932 *Liburnia pellucida* Walley, Canadian Ent. **64**: 155. [Notes.]<sup>41</sup>
- 1932 *Liburnia pellucida* Kusnetzov, Bull. Plant Prot. I Ser. :Ent. 5: 43. [Listed.] Equals *Delphax pellucida* Fabr.
- 1933 *Liburnia pellucida* Haupt, Zool. Anz. **101**: 255; Figs. 1-4. [Intersexes described, illustrated.]
- 1933 *Delphax pellucida* Pawlik, Ent. Rundsch. **50**: 235 (2). [Listed.]
- 1934 *Delphax pellucida* Ossiannilsson, Ent. Tidskr. **55**: 138. [Listed.]<sup>3</sup>
- 1934 *Delphax pellucida* Silvestri, Compendio di entomologie applicata **1**: 363. [Listed.]
- 1934 *Liburnia pellucida* Thornley, Trans. Soc. British Ent. **1**: 83. [Listed.]<sup>8</sup>
- 1935 *Liburnia pellucida* Haupt, Tierwelt Mitteleuropas **4** (3): 140; Figs. 235, 236, 237. [Notes, illustrated.] :142; Fig. 251 [Key, illustrated.] Equals [*Liburnia*] *herrichi* Kirschb. [error.]
- 1935 *Liburnia pellucida* [sic] Karl, Dohrniana. **14**: 140. [Listed.]<sup>1</sup>
- 1935 *Delphax pellucida* Lindberg, Norsk Ent. Tids. **3**: 383. [Listed.]<sup>19</sup>
- 1935 [*Delphacodes*] *pellucida* Osborn, Sci. Surv. Porto Rico and Virgin Islands **14**: 251. [Comparative note.]
- 1935 [*Liburnia*] *pellucida* Osborn, Sci. Surv. Porto Rico and Virgin Islands **14**: 250. [Comparative note.]
- 1935 *Delphacodes pellucida* Osborn, Sci. Surv. Porto Rico and Virgin Islands **14**: 248. [Described.]<sup>4,34,69</sup> Equals *Fulgoro* [sic] *pellucida* Fabr. Equals *Delphax pellucida* Fabr. Equals *Liburnia pellucida* Fieb. Equals *Megamelus pellucida* Crawf.
- 1935 *Delphax pellucida* Halbert, Proc. R. Irish Acad. **42** (Sect. B): 310. [Listed.]<sup>7</sup>
- 1935 *Liburnia pellucida* Ossiannilsson, Ent. Tidskr. **56**: 129, 134; Fig. 17. [Notes, illustrated.]<sup>3</sup>
- 1935 *Delphax pellucida* Rapp, Beiträge zur Fauna Thüringens **1**: 50. [Listed.]<sup>1</sup>
- 1935 *Liburnia pellucida* Wagner, Verh. Ver. Naturw. Heimatforschung. **24**: 7. [Listed.]<sup>1</sup>
- 1936 *Delphacodes pellucida* Wolcott, Jour. Agr. Univ. Puerto Rico **20**: 110. [Listed.]<sup>69</sup>
- 1936 *Liburnia pellucida* Nast, Fragm. Faun. Mus. Zool. Polonici **2**: 490 (8). [Listed.]<sup>68</sup>
- 1937 *Liburnia pellucida* Lindberg, Not. Ent. **17**: 61. Equals *Liburnia flavipennis* Sahlb. [error.]
- 1937 *Liburnia pellucida* Kuntze, Arch. Nat. (n. f.) **6**: 307, 308, 312, 314, 315, 319, 324, 333, 338, 349, 350, 355, 374, 375, 380. [Ecology.]<sup>1</sup>
- 1937 *Liburnia pellucida* Strickland, Canadian Ent. **69**: 95. [Listed.]<sup>74</sup>
- 1938 *Delphacodes pellucida* Brimley, Insects of North Carolina **1938**: 103. [Listed.]<sup>64</sup>
- 1938 *Delphacodes marginata* China, Ent. Monthly Mag. **74**: 197. [Listed.]<sup>6</sup> Equals *Delphacodes striatella* Edw. [nec Fall.]
- 1938 *Liburnia pellucida* Nast, Fragm. Faun. Mus. Zool. Polonici **3**: 233 (9). [Listed.]<sup>68</sup>
- 1938 *Delphacodes pellucida* Osborn, Bull. Ohio Biol. Surv. **6**: 337. [Key.] :338; Fig. 38A. [Described, illustrated.]<sup>4,34,37</sup>
- 1938 *Delphax pellucida* Ossiannilsson, Opuscula Entomologica. Lund **3**: 78. [Synonymy.]
- 1938 *Delphax dispar* Ossiannilsson, Opuscula Entomologica. Lund **3**: 77. [Synonymy.]
- 1939 *Delphacodes pellucida* Hassan, Trans. Ent. Soc. London **89**: 354. [Key.] :347, 348, 350, 351, 352, 353, 356; Figs. 8A-B. [Life history, illustrated.]<sup>8</sup> :346. [Listed.]<sup>8</sup> :360, 363, 366, 375, 376, 378, 379, 382. [Parasites.] :363. Equals *Delphax pellucens* [sic] Fabr.
- 1939 *Liburnia pellucida* Lindberg, Acta Zool. Fennica **22**: 13, 15, 84, 155. [Parasites.]<sup>3</sup> :19, 20. [Ecology.]<sup>17</sup> :156. [Effects of parasitism.] :22. [Life history.]
- 1939 [*Delphacodes*] *pellucida* Osborn, Meadow and Pasture Insects **1939**: 161. [Note.]
- 1940 *Delphacodes pellucida* Strickland, Canadian Ent. **72**: 88. [Listed.]<sup>74</sup> Equals *Liburnia pellucida* Fabr.

**pellucida** var. **bilineata** nom. nov. for *Liburnia pellucida* var. *b* Sahlberg

- 1871 *Liburnia pellucida* var. *b* Sahlberg, Not. Fennica (n. s.) **9** (12): Finland<sup>1</sup>  
438. [n. var.]<sup>1</sup>

*pellucida* var. *difficilis* Edwards. See *Delphacodes difficilis* Edwards.

*pellucida* var. *dispar* Fallén. See *Delphacodes pellucida* Fabricius.



*Delphacodes***pellucida** var. **flavotestacea** nom. nov. for *Liburnia pellucida* var. *i* Reuter.

- 1880 *Liburnia pellucida* var. *i* Reuter, Medd. Soc. Fauna Fl. Fennica Finland<sup>1</sup>  
5: 197. [n. var.]<sup>1</sup>

**pellucida** var. **fuscicollis** Rey

- 1891 *Delphax pellucida fuscicollis* Rey, Rev. Ent. 10: 244. [n. var.]<sup>1</sup> France<sup>1</sup>  
1894 *Delphax pellucida fuscicollis* Rey, Échange 10: 14. [Described.] Germany<sup>2</sup>  
1899 *Delphax pellucida fuscicollis* Puton, Cat. Hémip. Faune Palé-  
arctique 4 Ed. :107. [Listed.]  
1904 *Delphax pellucida fuscicollis* Hüeber, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>2</sup>  
1907 *Delphax pellucida fuscicollis* Oshanin, Verz. Palaeark. Hemip. 2 (2): 313. [Listed.]<sup>1</sup>  
1912 *Delphax pellucida fuscicollis* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>1</sup>  
1917 *Liburnia pellucida fuscicollis* [sic] Van Duzee, Cat. Hemip. America :775. [Listed.]  
Equals *Delphax fuscicollis* [sic] Rey.

**pellucida** var. **griseoflava** nom. nov. for *Liburnia pellucida* var. *h* Reuter

- 1880 *Liburnia pellucida* var. *h* Reuter, Medd. Soc. Fauna Fl. Fennica Finland<sup>1</sup>  
5: 197. [n. var.]<sup>1</sup>

**pellucida** var. **obscura** Fieber

- 1871 *Liburnia pellucida* var. *g* Sahlberg, Not. Fennica (n. s.) 9 (12): Czechoslovakia<sup>1</sup>  
438. [n. var.]<sup>6</sup> Algeria<sup>2</sup>  
1872 *Liburnia pellucida obscura* Fieber, Kat. Europäischen Cicad. :5. Germany<sup>3</sup>  
[Listed.] [nom. nud.] France<sup>4</sup>  
1875 *Delphax pellucida obscura* Puton, Cat. Hémip. d'Europe 2 Ed. Austria<sup>5</sup>  
:119. [Listed.] [nom. nud.] Finland<sup>6</sup>  
1879 *Liburnia pellucida obscura* Fieber, Cicad. d'Europe Pt. 4: 67 (3).  
[n. var.]  
1886 *Delphax pellucida obscura* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :73.  
[Listed.]  
1892 *Delphax pellucida obscura* Duda, Cat. Ins. Faunae Bohemicae :28. [Listed.]<sup>1</sup>  
1892 *Delphax pellucida obscura* Spitzner, Verh. Naturf. Ver. Brünn 30: 26. [Listed.]<sup>1</sup>  
1894 *Delphax pellucida obscura* Rey, Échange 10: 14. [Described.]  
1899 *Delphax pellucida obscura* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :107.  
[Listed.]  
1900 *Liburnia pellucida obscura* Fokker, Tijdschr. Ent. 42: 25. [Listed.]<sup>2</sup>  
1900 *Liburnia pellucida obscura* Strobl, Mitt. Natur. Ver. Steiermark 36: 205. [Listed.]<sup>6</sup>  
1904 *Delphax pellucida obscura* Hüeber, Syst. Verz. Deutschen Zikadinen :269. [Listed.]<sup>3</sup>  
1907 *Delphax pellucida obscura* Oshanin, Verz. Palaeark. Hemip. 2 (2): 313. [Listed.]  
Equals *Liburnia pellucida obscura* Fieb. Equals *Liburnia pellucida* var. *g* Sahlb.  
1909 *Delphax pellucida obscura* Lambertie, Proc. Verb. Soc. Linn. Bordeaux 63: clxi.  
[Listed.]<sup>4</sup>  
1910 *Delphax pellucida obscura* Lambertie, Misc. Ent. 18: 92. [Listed.]<sup>4</sup>  
1910 *Delphax pellucida obscura* Lambertie, Rev. Sci. Bourbonnais 23: 16 [1]. [Listed.]<sup>4</sup>  
1912 *Delphax pellucida obscura* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]  
1917 *Liburnia pellucida obscura* Van Duzee, Cat. Hemip. America :775. [Listed.] Equals  
*Liburnia pellucida* var. *g* Sahlb.

**pellucida** var. **testacea** nom. nov. for *Liburnia pellucida* var. *k* Reuter

- 1880 *Liburnia pellucida* var. *k* Reuter, Medd. Soc. Fauna Fl. Fennica Finland<sup>1</sup>  
5: 197. [n. var.]<sup>1</sup>

**pellucida** var. **varicollis** Rey

- 1894 *Delphax pellucida varicollis* [sic] Rey, Échange 10: 14. [n. var.]<sup>1</sup> Algeria<sup>1</sup>

- 1910 *Delphax pellucida variicollis* [sic] Oshanin, Ann. Mus. Zool. St. France<sup>2</sup>  
Petersburg 15: 185. [Listed.]<sup>2</sup>  
1912 *Delphax pellucida varicollis* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>2</sup>  
1917 *Liburnia pellucida variicollis* [sic] Van Duzee, Cat. Hemip. America :775. [Listed.]  
Equals *Delphax variicollis* [sic] Rey.

*piceonigra* Metcalf (var.). See *Delphacodes lugubrina* var. *piceonigra* Metcalf.

### **pictifrons** Osborn

- 1938 *Delphacodes pictifrons* Osborn, Bull. Ohio Biol. Surv. 6: 344; Fig. Ohio<sup>1</sup>  
41. [n. sp., illustrated.]<sup>1</sup>

### **platystylus** Muir

- 1930 *Delphacodes platystylus* Muir, Ent. Tidskr. 51: 214; Fig. 10. [n. sp., Argentina<sup>1</sup>  
illustrated.]<sup>1</sup>

### **propinqua** Fieber

- 1866 *Delphax propinqua* Fieber, Verh. Zool. Bot. Ges. Wien 16: 525; Austria<sup>1</sup>  
Pl. viii, Fig. 24. [n. sp., illustrated.]<sup>1,2,3</sup> :532. [Listed.] Italy<sup>2</sup>  
1868 *Delphax hamulata* Kirschbaum, Cicad. Wiesbaden :38. [n. sp.]<sup>4</sup> Spain<sup>3</sup>  
1872 *Liburnia propinqua* Fieber, Kat. Europäischen Cicad. :5. Germany<sup>4</sup>  
[Listed.]<sup>1,2,3</sup> Equals *Liburnia hamulata* Kirschb. Southern  
1872 *Liburnia propinqua* Fieber, Verh. Zool. Bot. Ges. Wien 22: 29. France<sup>5</sup>  
Equals *Delphax hamulata* Kirschb. Tunisia<sup>6</sup>  
1875 *Delphax propinqua* Puton, Cat. Hémip. d'Europe 2 Ed. :119. France<sup>7</sup>  
[Listed.]<sup>2,3,4,5</sup> Equals *Delphax hamulata* Kirschb. Portugal<sup>3</sup>  
1879 *Liburnia propinqua* Fieber, Cicad. d'Europe Pt. 4: 78 (14). Hungary<sup>9</sup>  
[Key.]<sup>1,2,3</sup> Equals *Delphax propinqua* Fieb. Equals *Delphax* Algeria<sup>10</sup>  
*hamulata* Kirschb. :135 (71). [Key.] Yugoslavia<sup>11</sup>  
1880 *Delphax propinqua* Chicote, An. Soc. España 9: 200 (16). Louisiana<sup>12</sup>  
[Listed.]<sup>3</sup> Caucasus<sup>13</sup>  
1882 *Delphax propinqua* Ferrari, Cicad. Agri Ligustici :92 (20). Turkestan<sup>14</sup>  
[Listed.]<sup>2</sup> Equals *Liburnia propinqua* Fieb. Equals *Delphax hamu-* Transcaucasia<sup>15</sup>  
*lata* Kirschb. Jamaica<sup>16</sup>  
1884 *Delphax propinqua* Mayr, Tabellen :21. [Listed.]<sup>1</sup> Canary Islands<sup>17</sup>  
1884 *Delphax propinqua* Ferrari, Ann. Mus. Genova (2) 1: 444 (8). Formosa<sup>18</sup>  
[Listed.]<sup>6</sup> :510 (74). [Listed.]<sup>1,2,3,6</sup> Equals *Liburnia propinqua* Bulgaria<sup>19</sup>  
Fieb. Equals *Delphax hamulata* Kirschb. Egypt<sup>20</sup>  
1884 *Delphax propinqua* Lomnicki, Spraw. Kom. Fizyj. 18: 232 Central Europe<sup>21</sup>  
[Listed.]<sup>60</sup> North Africa<sup>22</sup>  
1885 *Delphax propinqua* Ivanoff, Liste des Cigales :116 (34) [Key.] Florida<sup>23</sup>  
1885 *Delphax propinqua* Ferrari, Bull. Soc. Ent. Italiana 17: 280. Texas<sup>24</sup>  
[Listed.]<sup>2</sup> Nicaragua<sup>25</sup>  
1886 *Delphax propinqua* Puton, Hémip. Tunisie 1886: 9. [Listed.]<sup>6</sup> Southern States<sup>26</sup>  
1886 *Delphax propinqua* Puton, Cat. Hémip. Faune Paléarctique 3 Philippines  
Ed. :73. [Listed.]<sup>1,2,3,4,7,8</sup> Equals *Delphax hamulata* Kirschb. Islands<sup>27</sup>  
1886 *Delphax propinqua* Then, Kat. Österreichischen Cicad. 1886: 15. Oriental  
[Listed.]<sup>1,2,60</sup> Regions<sup>28</sup>  
1887 *Delphax propinqua* [sic] Horváth, Glasnik Hrv. Nar. Društva 2: Washington<sup>29</sup>  
272. [Listed.] West Indies<sup>30</sup>  
1891 *Liburnia propinqua* Oshanin, Mém. Sect. caucasienne Soc. russe California<sup>31</sup>  
Geogr. 23 (1): 48. [Listed.]<sup>48</sup> Georgia<sup>32</sup>  
1892 *Delphax propinqua* Ferrari, Ann. Mus. Genova (2) 12: 569. (21). British Guiana<sup>33</sup>  
[Listed.]<sup>2</sup> Puerto Rico<sup>34</sup>  
1893 *Delphax propinqua* Bezzi, Bull. Soc. Ent. Italiana 25: 108 (28). Mexico<sup>35</sup>  
[Listed.]<sup>2</sup>

*Delphacodes*

- 1896 *Liburnia propinqua* Melichar, Cicad. Mittel-Europa :79; Pl. v, Figs. 48-50. [Described, illustrated.]<sup>1,2,45</sup> Equals *Delphax hamulata* Kirschb. :71. [Key.] Brazil<sup>36</sup>  
Cape Province<sup>37</sup>  
Cuba<sup>38</sup>
- 1897 *Delphax propinqua* Horváth, Fauna Regni Hungariae :56. Australia<sup>39</sup>  
[Listed.]<sup>9</sup> South Africa<sup>40</sup>
- 1897 *Delphax propinqua* [sic] Horváth, Term. Füzetek 20: 623. [Comparative note.] Japan<sup>41</sup>  
Malay<sup>42</sup>
- 1898 [*Liburnia*] *propinqua* Melichar, Wien. Ent. Zeit. 17: 69. [Comparative note.] Africa<sup>43</sup>  
Europe<sup>44</sup>
- 1899 *Liburnia propinqua* Melichar, Wien. Ent. Zeit. 18: 180. [Listed.]<sup>6</sup> Czechoslovakia<sup>43</sup>
- 1899 *Delphax propinqua* Puton, Cat. Hémipt. Faune Paléarctique 4 St. Helena<sup>46</sup>  
Ed. :108. [Listed.]<sup>1,2,3,4,5,8</sup> Equals *Delphax hamulata* Kirschb. (So. Atlantic  
Ocean)
- 1900 *Liburnia propinqua* Fokker, Tijdschr. Ent. 42: 25. [Listed.]<sup>10</sup> Ohio<sup>47</sup>
- 1900 *Liburnia propinqua* [sic] Strobl, Mitt. Natur. Ver. Steiermark 36: Russia<sup>48</sup>  
206. [Listed.]<sup>1</sup> Asia<sup>49</sup>
- 1902 *Liburnia propinqua* Cobelli, Cicadine Trentino :10. [Listed.]<sup>2</sup> Poland<sup>50</sup>
- 1902 *Delphax propinqua* Lambertie, Proc. Verb. Soc. Linn. Bordeaux 57: clxxiii. [Listed.]<sup>7</sup> Costa Rica<sup>51</sup>
- 1902 *Delphax propinqua* Lambertie, Bull. Soc. Ent. France 1902: 325. China<sup>52</sup>  
[Listed.]<sup>7</sup> India<sup>53</sup>
- 1903 *Delphax propinqua* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 62 (22). [Listed.]<sup>2</sup> Madeira
- 1903 *Delphax propinqua* Horváth, Ann. Mus. Nat. Hungarici 1: 28. Islands<sup>54</sup>  
[Listed.]<sup>11</sup>
- 1903 *Delphax propinqua* Lambertie, Proc. Verb. Soc. Linn. Bordeaux 58: lxxv. [Listed.]<sup>7</sup>
- 1904 *Delphax propinqua* Lambertie, Act. Soc. Linn. Bordeaux 59: 30 (14). [Listed.]<sup>7</sup>
- 1904 *Delphax propinqua* Lambertie, Proc. Verb. Soc. Linn. Bordeaux 59: xlvi. [Listed.]<sup>7</sup>
- 1904 *Delphax propinqua* Hüeber, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>4</sup> Equals *Delphax hamulata* Kirschb.
- 1907 *Delphax propinqua* Matsumura, Annot. Zool. Japonenses 6: 88. [Listed.]<sup>41</sup>
- 1907 *Delphax propinqua* Oshanin, Verz. Palaeark. Hemip. 2 (2): 317. [Listed.]<sup>1,2,3,5,8,9,10,13,14,15</sup> Equals *Delphax hamulata* Kirschb. Equals *Liburnia propinqua* Fieb.
- 1907 *Liburnia terminalis* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 8: 49. [n. sp.]<sup>16</sup>
- 1909 *Liburnia propinqua* Horváth, Ann. Mus. Nat. Hungarici 7: 301. [Listed.]<sup>17</sup>
- 1909 *Delphax propinqua* Lambertie, Proc. Verb. Soc. Linn. Bordeaux 63: cxlvii, clix. [Listed.]<sup>7</sup>
- 1910 *Delphax propinqua* Matsumura, Jour. Coll. Sci. Tokyo 27: 35. [Comparative note.]
- 1910 *Delphax propinqua* Matsumura, Schädlichen und nützlichen Ins. Formosas. 1910: 17; Pl. XVI, Fig. 4. [Listed, illustrated.]<sup>18,41,42,43,44</sup> :17. [Comparative note.]
- 1910 *Delphax propinqua* Matsumura, Zeits. Wiss. Insektenbiol. 6: 104. [Listed.]<sup>18</sup>
- 1910 *Delphax propinqua* Lambertie, Miss. Ent. 18: 92. [Listed.]<sup>7</sup> Equals *Delphax hamulata* Kirschb.
- 1910 *Delphax propinqua* Shiraki, [Injurious Insects of Formosa] 1: 63; Pl. 41, Fig. 9. [Economics, illustrated.]<sup>18</sup>
- 1910 *Delphax propinqua* Oshanin, Ann. Mus. Zool. St. Petersburg 15: 186. [Listed.]<sup>17,19</sup>
- 1911 *Delphax propinqua* Matsumura, Mém. Soc. Ent. Belgique 18: 135 (7), 136 (8). [Comparative note.]
- 1911 *Liburnia propinqua* Horváth, Bull. Soc. Ent. Egypte 3: 117. [Listed.]<sup>20</sup>
- 1912 *Delphax propinqua* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>13,14,21,22</sup> Equals *Delphax hamulata* Kirschb.
- 1912 *Liburnia tuckeri* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 10: 506. [n. sp.]<sup>23,24</sup>
- 1913 *Liburnia propinqua* Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]<sup>1</sup>
- 1914 *Liburnia tuckeri* Barber, Bull. American Mus. Nat. Hist. 33: 529. [Listed.]<sup>23</sup>
- 1914 *Megamelus terminalis* Crawford, Mon. Delphacidae :632; Pl. 48, Figs. F, K. [Described, illustrated.]<sup>25</sup> Equals *Liburnia terminalis* Van Duzee. :607. [Key.]
- 1915 *Delphax propinqua* Schumacher, Mitt. Zool. Mus. Berlin 8: 134. [Listed.]<sup>18,22,44,49</sup>
- 1916 *Liburnia tuckeri* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>26</sup>

- 1917 *Delphacodes propinqua* Muir, Proc. Hawaiian Ent. Soc. 3: 335. [Comparative note.]  
 1917 *Delphacodes neopropinqua* Muir, Proc. Hawaiian Ent. Soc. 3: 335; Pl. 6, Fig. 38. [n. sp., illustrated.]<sup>27</sup>  
 1917 *Delphax propinqua* Pierce, Man. Dangerous Ins. 1917: 206. [Listed.]<sup>18,28</sup>  
 1917 *Liburnia terminalis* Van Duzee, Proc. California Acad. Sci. 7: 314. [Listed.]<sup>16,25,29</sup>  
 1917 *Liburnia tuckeri* Van Duzee, Proc. California Acad. Sci. 7: 317. [Listed.]<sup>31</sup>  
 1917 *Liburnia tuckeri* Van Duzee, Cat. Hemip. America :777. [Listed.]<sup>23,24,31,32</sup>  
 1919 *Delphacodes subfusca* Muir, Canadian Ent. 51: 38; Fig. 12. [n. sp., illustrated.]<sup>33</sup>  
 1921 *Liburni tuckeri* Osborn, Florida Ent. 5: 19. [Listed.]<sup>23</sup>  
 1922 *Delphax propinqua* Willcocks, Bull. Sultanic Agr. Soc. Tech. Sec. 1: 466. [Economics.]  
 1923 *Liburnia tuckeri* Metcalf, Jour. Elisha Mitchell Soc. 38: 173; Pl. 70, Fig. 710. [Key, illustrated.]  
 1923 *Delphacodes propinqua* Wolcott, Jour. Dept. Agr. Porto Rico 7: 274. [Listed.]<sup>34</sup>  
 1924 *Delphacodes propinqua* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 31; Pl. 2, Fig. 11; Pl. 6, Fig. 108. [Described, illustrated.]<sup>2,16,23,27,33,34,35,44</sup> Equals *Delphax propinqua* Fieb. Equals *Liburnia terminalis* Van Duz. Equals *Liburnia tuckeri* Van Duz. Equals *Delphacodes neopropinqua* Muir. Equals *Delphacodes subfusca* Muir.  
 1926 *Delphacodes propinqua* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 31. [Listed.]<sup>36</sup> Equals *Liburnia tuckeri* Van Duz. Equals *Liburnia terminalis* Van Duz. Equals *Delphacodes neopropinqua* Muir. Equals *Delphacodes subfusca* Muir. :1, 29. [Distribution.]  
 1926 *Delphacodes propinqua* Muir, Ann. Mag. Nat. Hist. (9) 17: 34. [Notes.]<sup>37,46</sup> Equals *Toya attenuata* (?) Dist. [error.]  
 1926 *Delphacodes neopropinqua* Muir, Trans. Ent. Soc. London 1926: 378; Pl. 88, Figs. 14, 15. [Morphology of the aedeagus, illustrated.]  
 1926 *Delphacodes propinqua* Osborn, Ann. Ent. Soc. America 19: 359. [Notes.]<sup>35</sup> Equals [*Delphacodes*] *terminalis* Van Duz. Equals [*Delphacodes*] *tuckeri* Van Duz. Equals [*Delphacodes*] *erectus* [in part.]  
 1926 *Delphacodes propinqua* Osborn, Sci. Contr. Trop. Pl. Res. Found. 2: 359. [Listed.]<sup>38</sup> Equals [*Delphacodes*] *terminalis* Van Duz. Equals [*Delphacodes*] *tuckeri* Van Duz. Equals [*Delphacodes*] [in part.]  
 1928 *Delphacodes propinqua* Jacobi, Mjöberg's Exp. Australia :43. [Listed.]<sup>39</sup> Equals *Liburnia propinqua* Fieb.  
 1928 *Delphacodes propinqua* Myers, Studies on Cuban Insects 1: 22. [Listed.]<sup>38</sup>  
 1929 *Liburnia propinqua* Lallemand, Mem. Est. Mus. Zool. Univ. Coimbra 39: 7. [Listed.]<sup>8</sup>  
 1929 *Delphacodes propinqua* Muir, Ann. Mag. Nat. Hist. (10) 4: 221. [Notes.]<sup>40</sup> Equals *Delphax propinqua* Fieb.  
 1929 *Delphacodes propinqua* Osborn, Jour. Dept. Agr. Porto Rico 13: 111. [Listed.]<sup>30,34</sup>  
 1929 *Delphacodes propinqua* Muir, Ann. Mag. Nat. Hist. (10) 3: 83. [Comparative note.]  
 1930 *Liburnia propinqua* Horváth, Jugoslavenska Akad. 16: 45. [Listed.]<sup>41</sup>  
 1930 *Liburnia propinqua* de Seabra, Arq. Secc. Biol. e Par. 1 (3): 255. [Notes.]<sup>8</sup> Equals *Delphax propinqua* Fieb.  
 1930 *Liburnia propinqua* de Seabra, Arq. Secc. Biol. e Par. 1 (4): 353. [Notes.]<sup>8</sup> Equals *Delphax propinqua*.  
 1931 *Delphax propinqua* Clausen, Cir. United States. Dept. Agr. 168: 45. [Listed.]<sup>18,41</sup>  
 1932 *Liburnia (Delphax) propinqua* Matsumura, Consp. Japanese Inj. Ins. 1932: 224. [Economics.]<sup>41</sup>  
 1932 *Delphacodes propinqua* (?) Osborn, Ohio Jour. Sci. 32: 517. [Listed.]<sup>47</sup>  
 1935 *Delphacodes propinqua* Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 249. [Described.]<sup>34</sup> Equals *Delphax (Delphax) propinqua* Fieb. Equals *Liburnia terminalis* Van Duz. Equals *Liburnia tuckeri* Van Duz.  
 1935 *Liburnia albicollis* [nec de Motschulsky] Haupt, Tierwelt Mitteleuropas 4 (3): 144; Fig. 264. [Key, illustrated.] Equals [*Liburnia*] *propinqua* Fieb.  
 1935 *Liburnia propinqua* Cheo, Peking Nat. Hist. Bull. 10: 107. [Food plants.]<sup>18,41,42,43,44,52,53</sup>



*Delphacodes*

- 1936 *Delphacodes propinqua* Ballou, Bull. Ins. Pest Surv. **16**: 473. [Food plants.]<sup>51</sup>  
 1936 *Delphacodes propinqua* Wolcott, Jour. Agr. Univ. Puerto Rico **20**: 110. [Listed.]<sup>34,51</sup>  
 1938 *Delphacodes propinqua* China, Arkiv Zool. **30**: 54. [Listed.]<sup>64</sup> Equals *Delphax propinqua* Osh. Equals *Liburnia albicollis* Motsch. [error.]  
 1939 *Delphacodes propinqua* Glick, Tech. Bull. United States Dept. Agr. **673**: 27. [Listed.]

*protrusa* Fieber

- 1866 *Delphax protrusa* Fieber, Verh. Zool. Bot. Ges. Wien **16**: Pl. viii, Estonia<sup>1</sup>  
 Fig. 45. [n. sp., illustrated.]<sup>1</sup>  
 1870 *Liburnia protrusa* Scott, Ent. Monthly Mag. **7**: 75. [Listed.]  
 1872 *Liburnia protrusa* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>1</sup>  
 1875 *Delphax protrusa* Puton, Cat. Hémip. d'Europe 2 Ed. :120. [Listed.]<sup>1</sup>  
 1879 *Liburnia protrusa* Fieber, Cicad. d'Europe Pt. **4**: 112 (48). [Key.]<sup>1</sup> :139 (75). [Key.]  
 1886 *Delphax protrusa* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>1</sup>  
 1899 *Delphax protrusa* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>1</sup>  
 1907 *Delphax protrusa* Oshanin, Verz. Palaeark. Hemip. **2** (2): 324. [Listed.]<sup>1</sup> Equals  
*Liburnia protrusa* Fieb.  
 1912 *Delphax protrusa* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>1</sup>

*pseudonigripennis* Muir

- 1917 *Delphacodes nigripennis* Muir, Proc. Hawaiian Ent. Soc. **3**: 338; Formosa<sup>1</sup>  
 Pl. 6, Fig. 55. [n. sp., illustrated.]<sup>1</sup>  
 1918 *Delphacodes pseudonigripennis* Muir, Proc. Hawaiian Ent. Soc. **3**:  
 427. nom. nov. for *Delphacodes nigripennis* Muir.

*puella* Van Duzee

- 1894 *Liburnia puella* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 191. New York<sup>1</sup>  
 [Listed.]<sup>1</sup> [nom. nud.] New Jersey<sup>2</sup>  
 1897 *Liburnia puella* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 250. Mississippi<sup>3</sup>  
 [n. sp.]<sup>1,2,3,4</sup> :227. [Listed.]<sup>1</sup> Iowa<sup>4</sup>  
 1898 *Liburnia puella* Osborn, Proc. Iowa Acad. Sci. **5**: 235. [Listed.]<sup>4</sup> Illinois<sup>5</sup>  
 1898 *Liburnia puella* Osborn, Contr. Iowa State Coll. Agr. Dept. Zool. Ohio<sup>6</sup>  
 Ent. **3**: 12. [Listed.]<sup>4</sup> Pennsylvania<sup>7</sup>  
 1900 *Liburnia puella* Osborn, Ann. Rept. Ohio St. Acad. Sci. **8**: 65. Kentucky<sup>8</sup>  
 [Listed.]<sup>9</sup> Quebec<sup>9</sup>  
 1900 *Liburnia puella* Forbes, Rept. State Ent. Illinois **21**: 65; Pl. I, Florida<sup>10</sup>  
 Fig. 2. [Described, illustrated.]<sup>9</sup> :68. [Economics]<sup>1,2,3,4,5</sup> Massachusetts<sup>11</sup>  
 1900 *Liburnia puella* Forbes and Hart, Bull. Illinois Agr. Exp. Sta. **60**: Maryland<sup>12</sup>  
 413; Pl. I; Fig. 2. [Described, illustrated.] :416. [Economics]<sup>1,2,3,4,5</sup> Louisiana<sup>13</sup>  
 1900 *Liburnia puella* Smith, Ins. New Jersey **1900**: 89. [Listed.]<sup>2,7</sup> Alabama<sup>14</sup>  
 1904 *Liburnia puella* Swezey, Prelim. Cat. Fulgoridae North America Cuba<sup>15</sup>  
**1904**: 39. [Listed.]<sup>1,2,3,4,5,6,8</sup> Mexico<sup>16</sup>  
 1904 *Liburnia puella* Wirtner, Ann. Carnegie Mus. **3**: 216. [Listed.]<sup>7</sup> Brazil<sup>17</sup>  
 1905 *Liburnia puella* Van Duzee, Bull. New York State Mus. **97**: 553. North Carolina<sup>18</sup>  
 [Listed.]<sup>1</sup> North America<sup>19</sup>  
 1905 *Liburnia puella* Crevecoeur, Trans. Kansas Acad. Sci. **19**: 235. Kansas<sup>20</sup>  
 [Listed.]<sup>20</sup> Central  
 1907 *Delphax puella* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 161. America<sup>21</sup>  
 [Comparative note.] West Indies<sup>22</sup>  
 1907 *Delphax puella* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 160. United States<sup>23</sup>  
 [Food plants, listed.]<sup>1,2,3,4,5,6,8</sup> Equals *Liburnia puella* Van Duz. Canada<sup>24</sup>  
 1907 *Liburnia puella* Moore, Canadian Ent. **39**: 189. [Listed.]<sup>9</sup> California<sup>25</sup>  
 1909 *Liburnia puella* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **9**: 202. Oregon<sup>26</sup>  
 [Notes.]<sup>10,19,30</sup> :198, 203 [Comparative notes.] Washington<sup>27</sup>  
 1910 *Liburnia puella* Smith, Rept. Ins. New Jersey **1910**: 97. [Listed.]<sup>2</sup> Ontario<sup>28</sup>

- 1912 *Liburnia puella* Osborn, Bull. United States Dept. Agr. Bur. Ent. (n. s.) 108: 41. [Listed.]<sup>36</sup> Hawaiian Islands<sup>29</sup>
- 1914 *M[egamelus] puella* Crawford, Mon. Delphacidae :622. [Comparative note.] Australia<sup>30</sup>  
Georgia<sup>31</sup>
- 1914 *M[egamelus] puellis* Crawford, Mon. Delphacidae :626. [Comparative note.] Connecticut<sup>32</sup>  
Puerto Rico<sup>33</sup>
- 1914 *Liburnia puella* Barber, Bull. American Mus. Nat. Hist. 33: 529. [Listed.]<sup>10</sup> Maine<sup>34</sup>  
Indiana<sup>35</sup>
- 1914 *Megamelus puellis* Crawford, Mon. Delphacidae :625; Pl. 47, Fig. K. [Described, illustrated.]<sup>3,5,7,11,12,13,14,15,16,17</sup> Equals *Liburnia puella* Van Duz. :608. [Key.] District of Columbia<sup>36</sup>
- 1915 *Liburnia puella* Metcalf, Jour. Elisha Mitchell Soc. 31: 44 (12). [Listed.]<sup>18</sup>
- 1916 *Liburnia puella* Muir, Philippine Jour. Sci. 11: 385. [Listed.]<sup>19</sup>
- 1916 *Liburnia puella* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>23,24</sup>
- 1917 *Liburnia puella* Van Duzee, Proc. California Acad. Sci. 7: 317. [Listed.]<sup>25,26,27</sup>
- 1917 *Liburnia puella* Van Duzee, Cat. Hemip. America:776. [Listed.]<sup>1,2,3,4,6,6,7,8,9,10,18,28,29,30</sup> Equals *Megamelus puella* Van Duz.
- 1917 *Delphacodes puella* Muir. Proc. Hawaiian Ent. Soc. 3: 337. [Listed.]<sup>6</sup>
- 1920 *Liburnia puella* Spooner, Ent. News 31: 46. [Ecology.]<sup>31</sup>
- 1920 *Liburnia puella* Britton, Check-List Ins. Connecticut :47. [Listed.]<sup>32</sup>
- 1921 *Liburnia puella* Osborn, Florida Ent. 5: 19. [Listed.]<sup>10</sup>
- 1922 *Liburnia puella* Osborn, Tech. Publ. New York St. Coll. For. 16: 51. [Ecology.]<sup>1</sup>
- 1923 *Liburnia puella* Balduf, Bull. Ohio Agr. Exp. Sta. 366: 165. [Listed.]<sup>6</sup>
- 1923 *Liburnia puella* Van Duzee, Fulgoridae Hemip. Connecticut :53. [Notes, comparative note.]<sup>23,29,30,32</sup> :52. [Key.]
- 1923 *Liburnia puella* Metcalf, Jour. Elisha Mitchell Soc. 38: 173; Pl. 61, Fig. 461; Pl. 70, Fig. 715. [Key, illustrated.]
- 1924 *Delphacodes puella* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 32; Pl. 2, Fig. 16; Pl. 6, Fig. 110. [Described, illustrated.]<sup>3</sup> Equals *Liburnia puella* Van Duz.
- 1924 *Liburnia puella* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 15. [Comparative note.]
- 1926 [*Delphacodes*] *puella* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 33. [Comparative note.]
- 1926 *Delphacodes puella* Osborn, Sci. Contr. Trop. Pl. Res. Found. 2: 360 [Notes]<sup>15,21,22,23</sup>
- 1926 *Delphacodes puella* Osborn, Ann. Ent. Soc. America 19: 360. [Notes.]<sup>15</sup>
- 1927 *Liburnia puella* Johnson, Biol. Surv. Mount Desert Reg. 1: 33. [Listed.]<sup>34</sup>
- 1928 *Delphacodes puella* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 181. [Listed.]<sup>1</sup>
- 1929 *Delphacodes puella* Osborn, Jour. Dept. Agr. Porto Rico 13: 111. [Listed.]<sup>33</sup>
- 1930 *Delphacodes puella* Johnson, Publ. Nantucket Maria Mitchell Assoc. 3 (2): 36. [Listed.]<sup>11</sup>
- 1934 *Liburnia puella* Heaton, Bull. Brooklyn Ent. Soc. 29: 114. [Listed.]<sup>35</sup>
- 1935 *Delphacodes puella* Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 250. [Described.]<sup>33</sup> Equals *Liburnia puella* Van Duz.
- 1936 *Delphacodes puella* Wolcott, Jour. Agr. Univ. Puerto Rico 20: 110. [Listed.]<sup>33</sup>
- 1938 *Delphacodes puella* Brimley, Insects of North Carolina 1938: 103. [Listed.]<sup>18</sup>
- 1938 *Delphacodes puella* Osborn, Bull. Ohio Biol. Surv. 6: 338; Figs. 38C, 41. [Key, described, illustrated.]<sup>6</sup> :339. [Comparative note.]
- 1939 *Delphacodes puella* Glick, Tech. Bull. United States Dept. Agr. 673: 27. [Listed.]<sup>13</sup> :65. [Ecology.]<sup>13</sup>
- 1939 [*Delphacodes*] *puella* Osborn, Meadow and Pasture Insects 1939: 161. [Note.]
- 1940 *Delphacodes puella* Smith, Jour. Econ. Ent. 33: 659. [Listed.]

*puella* Kirkaldy [nec Van Duzee]. See *Liburnia kirkaldyi* Muir.

### *pullula* Boheman

- 1852 *Delphax pullula* Boheman, Handl. Svenska Vet. Akad. 1851: 116. Sweden<sup>1</sup>  
Estonia<sup>2</sup>  
[n. sp.]<sup>1</sup>

*Delphacodes*

- 1854 *Delphax pullula* Stål, Öfv. Svenska Vet. Akad. Förh. 11: 196. Austria<sup>3</sup>  
[Described.]<sup>1</sup> Finland<sup>4</sup>
- 1858 *Delphax pullula* Walker, List Homop. British Mus. Add :324. Norway<sup>5</sup>  
[Listed.]<sup>1</sup> Germany<sup>6</sup>
- 1859 *Delphax pullula* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup> British Isles<sup>7</sup>
- 1861 *Delphax pullula* Flor, Rhynch, Livlands 2: 77. [Described.]<sup>1,2,3</sup> Scandinavia<sup>8</sup>  
:38. [Key, listed.] Switserland<sup>9</sup>
- 1866 *Delphax pullula* Fieber, Verh. Zool. Bot. Ges. Wien 16: Pl. viii, France<sup>10</sup>  
Fig. 38. [Illustrated.] Europe<sup>11</sup>
- 1870 *Liburnia pullula* Scott, Ent. Monthly Mag. 7: 28. [Key.] :75. Hungary<sup>12</sup>  
[Listed.] Russia<sup>13</sup>
- 1871 *Liburnia pullula* Sahlberg, Not. Fennica (n. s.) 9 (12): 448. [De- CentralEurope<sup>14</sup>  
scribed.]<sup>1,4,5</sup> Equals *Delphax pullula* Boh. :424. [Key.] :56. Denmark<sup>15</sup>  
[Listed.]<sup>1,4,5</sup> :489. [Listed.]<sup>1</sup> :39. [Ecology.]
- 1872 *Liburnia pullula* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>1,5</sup>
- 1874 *Liburnia pullula* Siebke, Enumeratio Insectorum Norvegorum 1: 40. [Listed.]<sup>5</sup>
- 1875 *Delphax pullula* Puton, Cat. Hémipt. d'Europe 2 Ed. :120. [Listed.]<sup>6,7,8</sup>
- 1876 *Liburnia pullula* Douglas and Scott, Cat. British Hemip. :69. [Listed.]<sup>7</sup> Equals  
*Delphax pullula* Boh.
- 1879 *Liburnia pullula* Fieber, Cicad. d'Europe Pt. 4: 106 (42). [Key.]<sup>1,5,9</sup> Equals *Delphax*  
*pullula* Boh. :126. (62). [Key.]
- 1884 *Delphax pullula* Mayr, Tabellen :21. [Listed.]<sup>6,9</sup>
- 1886 *Delphax pullula* Then, Kat. Österreichischen Cicad. 1886: 15. To *Delphax bohe-*  
*manni* [sic] Stål [error.]
- 1886 *Liburnia pullula* Edwards, Syn. British Homop.-Cicadina Pt. 1: 75. [Described.]<sup>7</sup>  
Equals *Delphax pullula* Boh. :59. [Key.]
- 1886 *Delphax pullula* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>6,7,8,10</sup>
- 1890 *Liburnia pullula* Saunders and Edwards, Cat. British Hemiptera 1890: 12. [Listed.]<sup>7</sup>
- 1890 *Liburnia pullula* Buckton, Mon. British Cicadae 2: 47; Pl. xiv, Figs. 4, 5. [Described,  
illustrated.]<sup>1,5,7,9</sup> Equals *Delphax pullula* Boh.
- 1890 *Liburnia pullula* Buckton, Mon. British Cicadae 3: 65. [Synopsis.]
- 1894 *Liburnia pullula* Edwards, Hemip.-Homop. British Islands Pt. 2: 54; Pl. 6, Fig. 6.  
[Described, illustrated.]<sup>7</sup> :35. [Key.]
- 1896 *Liburnia pullula* Melichar, Cicad. Mittel-Europa :87; Pl. v, Figs. 36-38. [Described,  
illustrated.]<sup>6</sup> :73. [Key.]
- 1899 *Delphax pullula* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>3,4,6,7,8,10</sup>
- 1904 *Delphax pullula* Hüeber, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>6</sup>
- 1906 *Delphax pullula* Matsumura, Schr. Nat. Ges. Danzig 11: 76. [Listed.]<sup>6</sup>
- 1907 *Delphax pullula* Horváth, Ann. Mus. Nat. Hungarici 5: 504. [Listed.]<sup>12</sup>
- 1907 *Delphax pullula* Oshanin, Verz. Palaeark. Hemip. 2 (2): 323. [Listed.]<sup>1,4,6,7,10,13</sup>  
Equals *Liburnia pullula* Sahlb.
- 1907 *Delphax pullula* Oshanin, Cat. Homop. St. Pétersbourg 1907: 247. (35). [Listed.]<sup>13</sup>
- 1908 *Delphax pullula* Saunders and Edwards, Cat. British Hemiptera 1908 15. [Listed.]<sup>7</sup>
- 1908 *Delphax pullula* Oshanin, Verz. Palaeark. Hemip. 2 (3): 453. [Listed.]<sup>12</sup>
- 1912 *Delphax pullula* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>14</sup>
- 1915 *Liburnia pullula* Jensen-Haarup, Flora och Fauna 1915: 141. [Key.]
- 1920 *Liburnia pullula* Jensen-Haarup, Danmarks Fauna :55. [Described.]<sup>16</sup> :46. [Key.]
- 1920 *Delphax pullula* Tullgren and Wahlgren, Svenska Insekter 1920: 152. [Notes.]<sup>1</sup>
- 1924 *Liburnia pullula* Lindberg, Acta Soc. Fauna Flora Fennica 56: 46. [Listed.]<sup>4</sup>
- 1927 *Delphax pullula* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 144.  
[Listed.]<sup>10</sup>
- 1929 *Liburnia pullula* China, Ent. Monthly Mag. 65: 250. [Listed.]<sup>7</sup>
- 1934 *Delphax pullula* Ossiannilsson, Ent. Tidskr. 55: 139. [Listed.]<sup>1</sup>
- 1935 *Liburnia pullula* Haupt, Tierwelt Mitteleuropas 4 (3): 141; Fig. 243. [Key, illus-  
trated.]
- 1937 [*Liburnia*] *pullula* Kuntze, Arch. Nat. (n. f.) 6: 330, 333, 355. [Ecology.]<sup>6</sup>

**pullula** var. **basiflavis** nom. nov. for *Liburnia pullula* var. *b* Sahlberg

- 1871 *Liburnia pullula* var. *b* Sahlberg, Not. Fennica (n. s.) 9 (12): 450. Finland<sup>1</sup>  
[n. var.]<sup>1</sup>

**pullula** var. **infuscata** nom. nov. for *Liburnia pullula* var. *c* Sahlberg

- 1871 *Liburnia pullula* var. *c* Sahlberg, Not Fennica (n. s.) 9(12): 450. Finland<sup>1</sup>  
[n. var.]<sup>1</sup>

*puscovaria*. Typographical error for *Delphacodes fuscovaria* Distant.

**quadrispinosa** Muir and Giffard

- 1924 *Delphacodes 4-spinosa* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 37; Pl. 4, Fig. 59; Pl. 6, Fig. 103. [n. sp., illustrated.]<sup>1,2</sup> Nicaragua<sup>1</sup>  
Cuba<sup>2</sup>
- 1926 *Delphacodes 4-spinosa* Osborn, Ann. Ent. Soc. America 19: 359.  
[Listed.]<sup>2</sup>
- 1926 *Delphacodes 4-spinosa* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 35. [Comparative note.]
- 1926 *Delphacodes 4-spinosa* Osborn, Sci. Contr. Trop. Pl. Res. Found. 2: 359. [Listed.]<sup>2</sup>

**radiata** Costa

- 1834 *Delphax radiata* Costa, Cenni Zool. :84. [n. sp.]<sup>1</sup> Italy<sup>1</sup>
- 1872 *Liburnia radiata* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>1</sup>
- 1875 *Delphax* (?) *radiata* Puton, Cat. Hémip. d'Europe 2 Ed. :121. [Listed.]<sup>1</sup>
- 1886 *Delphax* (?) *radiata* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>1</sup>
- 1899 *Delphax* (?) *radiata* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :109. [Listed.]<sup>1</sup>
- 1907 *Delphax* (?) *radiata* Oshanin, Verz. Palaeark. Hemip. 2 (2): 331. [Listed.]<sup>1</sup>
- 1912 *Delphax* (?) *radiata* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>1</sup>
- 1930 *Delphax radiata* Sherborn, Index Animalium 22: 5412. [Listed.]

**rectangularis** Crawford

- 1914 *Megamelus rectangularis* Crawford, Mon. Delphacidae :612; Pl. 48, Fig. S. [n. sp., illustrated.]<sup>1</sup> :605. [Key.] Nicaragua<sup>1</sup>

**reducta** Van Duzee

- 1907 *Liburnia* (?) *reducta* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 8: 49. Jamaica<sup>1</sup>  
[n. sp.]<sup>1</sup>
- 1914 *Megamelus reductus* Crawford, Mon. Delphacidae :629. [Notes.]<sup>1</sup> Equals *Liburnia* (?) *reducta* Van Duz.

*reyana* Metcalf (var.). See *Delphacodes striatella* var. *reyana* Metcalf.

**reyi** Fieber

- 1866 *Delphax reyi* Fieber, Verh. Zool. Bot. Ges. Wien 16: 527; Pl. viii, Fig. 31. [n. sp., illustrated.]<sup>1</sup> :532. [Listed.] France<sup>1</sup>  
Germany<sup>2</sup>
- 1868 *Delphax longipes* Kirschbaum, Cicad. Wiesbaden :24. [n. sp.]<sup>2</sup> Southern
- 1872 *Liburnia reyi* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>2,3</sup> France<sup>3</sup>  
Equals *Liburnia longipes* Kirschb. Italy<sup>4</sup>
- 1872 *Liburnia reyi* Fieber, Verh. Zool. Bot. Ges. Wien 22: 28. Equals British Isles<sup>5</sup>  
*Delphax longipes* Kirschb. England<sup>6</sup>
- 1875 *Delphax reyi* Puton, Cat. Hémip. d'Europe 2 Ed. :120. [Listed.]<sup>1,2</sup> Belgium<sup>7</sup>  
Equals *Delphax longipes* Kirschb. Finland<sup>8</sup>
- 1879 *Liburnia reyi* Fieber, Cicad. d'Europe Pt. 4: 87 (23). [Key.]<sup>1,2</sup> Austria<sup>9</sup>  
Equals *Delphax reyi* Fieb. Equals *Delphax longipes* Kirschb. Hungary<sup>10</sup>
- 1880 *Delphax reyi* Reiber and Puton, Bull. Soc. Hist Nat. Colmar 21: Turkestan<sup>11</sup>  
55. [Listed.]<sup>1</sup> Central Europe<sup>12</sup>



*Delphacodes*

- 1882 *Delphax reyi* Ferrari and Cavanna, Boll. Soc. Ent. Italiana **14**: Russia<sup>13</sup>  
370. [Listed.]<sup>4</sup>
- 1882 *Delphax reyi* Ferrari, Cicad. Agri Ligustici :92 (20). [Listed.]<sup>4</sup>  
Equals *Liburnia reyi* Fieb. Equals *Delphax longipes* Kirschb.
- 1884 *Delphax reyi* Mayr, Tabellen :21. [Listed.]<sup>1,2</sup>
- 1886 *Delphax reyi* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>1,2,4,9</sup>  
Equals *Delphax longipes* Kirschb.
- 1888 *Liburnia reyi* Edwards, Ent. Monthly Mag. **24**: 198. [Described.]<sup>5</sup>
- 1889 *Liburnia reyi* Edwards, Trans. Nat. Soc. Norwich **4**: 702. [Notes.]<sup>1,2,4,6</sup> :705.  
[Listed.]<sup>6</sup>
- 1890 *Liburnia reyi* Buckton, Mon. British Cicadae **2**: 53; Pl. xv, Figs. 9–12. [Described,  
illustrated.]<sup>1,2,5</sup> :64. [Comparative note.]
- 1890 *Delphax reyi* Dominique, Ann. Soc. Acad. Loire-Inférieure **1890**: 110 (26). [Listed.]<sup>1</sup>
- 1890 *Liburnia reyi* Saunders and Edwards, Cat. British Hemiptera **1890**: 11. [Listed.]<sup>5</sup>
- 1891 *Liburnia reyi* Oshanin, Mém. Sect. caucasienne Soc. russe Geogr. **23** (1): 48.  
[Listed.]<sup>13</sup>
- 1892 *Delphax reyi* Ferrari, Ann. Mus. Genova (2) **12**: 569 (21). [Listed.]<sup>4</sup>
- 1892 *Delphax reyi* Dominique, Bull. Soc. Nat. Ouest France **2**: 116. [Listed.]<sup>1</sup>
- 1892 *Delphax reyi* Coubeaux, Ann. Soc. Ent. Belgique **36**: 34 (1). [Listed.]<sup>7</sup>
- 1894 *Liburnia reyi* Edwards, Hemip.-Homop. British Islands Pt. **2**: 49; Pl. 6, Fig. 4.  
[Described, illustrated.]<sup>5</sup> :34. [Key.]
- 1896 *Liburnia reyi* Melichar, Cicad. Mittel-Europa :83; Pl. v, Figs. 24, 25. [Described,  
illustrated.]<sup>2</sup> :72. [Key.]
- 1899 *Delphax reyi* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>1,2,4,9</sup>  
Equals *Delphax longipes* Kirschb.
- 1904 *Delphax reyi* Hüeber, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>2</sup> Equals  
*Delphax longipes* Kirschb.
- 1907 *Delphax reyi* Horváth, Ann. Mus. Nat. Hungarici **5**: 504. [Listed.]<sup>10</sup>
- 1907 *Delphax reyi* Oshanin, Verz. Palaeark. Hemip. **2** (2): 319. [Listed.]<sup>1,2,4,5,9,11,13</sup> Equals  
*Delphax longipes* Kirschb. Equals *Liburnia reyi* Fieb.
- 1908 *Delphax reyi* Saunders and Edwards, Cat. British Hemiptera **1908**: 15. [Listed.]<sup>5</sup>
- 1908 *Delphax reyi* Oshanin, Verz. Palaeark. Hemip. **2** (3): 453. [Listed.]<sup>10</sup>
- 1912 *Delphax reyi* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>11,12</sup> Equals *Delphax*  
*longipes* Kirschb.
- 1927 *Delphax reyi* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) **9**: 143. [Listed.]<sup>1</sup>
- 1929 *Liburnia reyi* Haupt, Zool. Jahrb. Syst. Ökol. **58**: 212. Equals *Calligypona albicollis*  
Sahlb. [error.]
- 1935 *Liburnia reyi* Haupt, Tierwelt Mitteleuropas **4** (3): 141; Fig. 246. [Key, illustrated.]  
Equals *Calligypona albicollis* Sahlb. [error.]
- 1935 *Liburnia reyi* Wagner, Ent. Medd. **19**: 163. [Notes.]
- 1937 *Liburnia reyi* Kuntze, Arch. Nat. (n. f.) **6**: 331, 333, 355. [Ecology.]<sup>2</sup>
- 1939 *Liburnia reyi* Lindberg, Acta Zool. Fennica **22**: 17. [Ecology.]<sup>8</sup>

*rivularis* Germar

- 1830 *Delphax rivularis* Germar, Thon Ent. Archiv. **2**: 57. [n. sp.]<sup>2</sup> North  
1850 *Delphax rivularis* Schaum, Allg. Encykl. Ersch und Gruber **51**: 69. America<sup>1</sup>  
[Listed.]<sup>1</sup> Georgia<sup>2</sup>
- 1851 *Delphax rivularis* Walker, List Homop. British Mus. **2**: 356. Locality
- 1859 *Delphax rivularis* Dohrn, Cat. Hemip. :61. [Listed.]<sup>3</sup> Unknown<sup>3</sup>
- 1930 *Delphax rivularis* Sherborn, Index Animalium **22**: 5529. [Listed.]

*rotundata* Crawford

- 1914 *Megamelus rotundatus* Crawford, Mon. Delphacidae :618; Pl. 48, Alabama<sup>1</sup>  
Figs. T, U. [n. sp., illustrated.]<sup>1</sup> :606. [Key.] Southern States<sup>3</sup>
- 1916 *Liburnia rotundata* Van Duzee, Check List Hemip. America :84. Ohio<sup>3</sup>  
[Listed.]<sup>2</sup> North Carolina<sup>4</sup>

- 1917 *Liburnia rotundata* Van Duzee, Cat. Hemip. America :779. [List-ed.]<sup>1</sup> Equals *Megamelus rotundata* Crawf.  
 1923 *Liburnia rotundata* Metcalf, Jour. Elisha Mitchell Soc. **38**: 171; Pl. 69, Fig. 685. [Key, illustrated.]  
 1938 *Delphacodes rotundata* Brimley, Insects of North Carolina **1938**: 103. [Listed.]<sup>4</sup>  
 1938 *Delphacodes rotundata* Osborn, Bull. Ohio Biol. Surv. **6**: 344. [Described.]<sup>3</sup> Equals *Megamelus rotundatus* [sic] Crawl. Equals *Liburnia rotundata* Van Duz.

*rufescens* Metcalf, (var.). See *Delphacodes forcipata* var. *rufescens* Metcalf.

### saccharicola Muir

- 1926 *Delphacodes saccharicola* Muir, Bull. Hawaiian Sugar Pl. Assoc. Ecuador<sup>1</sup>  
**18**: 30; Pl. 5, Figs. 115, 116. [n.sp., illustrated.]<sup>1</sup> :29. [Comparative note.]

### sagata Fowler

- 1905 *Liburnia sagata* Fowler, Biologia Centrali-Americana **1**: 136; Pl. Mexico<sup>1</sup>  
 13, Figs. 17, 17a, b. [n. sp., illustrated.]<sup>1</sup> Canal Zone<sup>2</sup>  
 1914 *Megamelus sagatus* Crawford, Mon. Delphacidae :630. [Listed.]<sup>1</sup>  
 Equals *Liburnia sagata* Fowl. :607. [Key.]  
 1914 *M[e]gamelus* *sagata* Crawford, Mon. Delphacidae :622. [Comparative note.]  
 1938 *Delphacodes sagata* Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 301. [De-scribed.]<sup>2</sup>

*sahlbergi* Metcalf (var.). See *Delphacodes sordidula* var. *sahlbergi* Metcalf.

### salina Haupt

- 1924 *Delphax salina* Haupt, Konowia **3**: 298. [n. sp.]<sup>1</sup> Germany<sup>1</sup>  
 1935 *Liburnia salina* Haupt, Tierwelt Mitteleuropas **4** (3): 141; Fig. 239. [Key, illustrated.]  
 1935 *Liburnia salina* Wagner, Verh. Ver. Naturw. Heimatforschung. **24**: 8. [Listed.]<sup>1</sup>  
 1937 *Liburnia salina* Kuntze, Arch. Nat. (n. f.) **6**: 306, 307, 355. [Ecology.]<sup>1</sup>

### saxicola Muir

- 1926 *Delphacodes saxicola* Muir, Bull. Hawaiian Sugar Pl. Assoc. **18**: Brazil<sup>1</sup>  
 30; Pl. 5, Figs. 113, 114. [n. sp., illustrated.]<sup>1</sup> :29, 31. [Comparative note.]

### scutellata Scott

- 1873 *Liburnia scutellata* Scott, Ent. Monthly Mag. **10**: 107. [n. sp.]<sup>1</sup> England<sup>1</sup>  
 1875 *Delphax scutellata* Puton, Cat. Hémip. d'Europe 2 Ed. :120. British Isles<sup>2</sup>  
 [Listed.]<sup>2</sup>  
 1876 *Liburnia scutellata* Douglas and Scott, Cat. British Hemip. :68. [Listed.]<sup>2</sup>  
 1886 *Delphax scutellata* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>2</sup>  
 1886 *Liburnia scutellata* Edwards, Syn. British Homop.-Cicadina Pt. **1**: 73. [Described.]<sup>2</sup>  
 :59. [Key.]  
 1890 *Liburnia scutellata* Saunders and Edwards, Cat. British Hemiptera **1890**: 12. [Listed.]<sup>2</sup>  
 1890 *Liburnia scutellata* Buckton, Mon. British Cicadae **2**: 44; Pl. xiii, Figs. 11, 12. [De-scribed.]<sup>2</sup>  
 1890 *Liburnia scutellata* Buckton, Mon. British Cicadae **3**: 65. [Synopsis.]  
 1894 *Liburnia scutellata* Edwards, Hemip.-Homop. British Islands Pt. **2**: 52. [Described.]<sup>2</sup>  
 :35. [Key.]  
 1899 *Delphax scutellata* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>2</sup>  
 1907 *Delphax scutellata* Oshanin, Verz. Palaeark. Hemip. **2** (2): 321. [Listed.]<sup>2</sup> Equals *Liburnia scutellata* Scott.

*Delphacodes*

- 1908 *Delphax scutellata* Saunders and Edwards, Cat. British Hemiptera 1908: 15.  
[Listed.]<sup>2</sup>  
1912 *Delphax scutellata* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>1</sup>

**securigera** Muir

- 1926 *Delphacodes securigera* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: Brazil<sup>1</sup>  
35; Pl. 5, Figs. 109, 110. [n. sp., illustrated.]<sup>1</sup>

**seminigra** Stål

- 1854 *Delphax seminigra* Stål, Öfv. Svenska Vet. Akad. Förh. 11: 246. Brazil<sup>1</sup>  
[n. sp.]<sup>1</sup> Jamaica<sup>2</sup>  
1858 *Delphax seminigra* Walker, List Homop. British Mus. Add. :325. Florida<sup>3</sup>  
[Listed.]<sup>1</sup> Southern States<sup>4</sup>  
1859 *Delphax seminigra* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup> Colorado<sup>5</sup>  
1859 *Delphax seminigra* Stål, Freg. Eugenies Resa 4: 275. [Described.]<sup>1</sup> South America<sup>6</sup>  
1862 *Delphax seminigra* Stål, Handl. Svenska Vet. Akad. 3 (6): 7.  
[Described.]<sup>1</sup>  
1879 *Delphax seminigra* Berg, Hemiptera Argentina 1879: 226. [Comparative note.]  
1879 *Delphax seminigra* Berg, An. Soc. Cient. Argentina 8: 191. [Comparative note.]  
1907 *Liburnia seminigra* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 8: 45. [Notes.]<sup>2,3</sup> :46.  
[Comparative note.]  
1909 *Liburnia seminigra* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 9: 203. [Notes.]<sup>1,2,3</sup>  
1914 *Liburnia seminigra* Barber, Bull. American Mus. Nat. Hist. 33: 529. [Listed.]<sup>3</sup>  
1914 *Megamelus seminigra* Barber, Bull. American Mus. Nat. Hist. 33: 528. [Listed.]<sup>3</sup>  
1914 *Megamelus seminegra* [sic] Crawford, Mon. Delphacidae :631. [Listed.]<sup>2,3</sup> Equals  
*Delphax seminegra* [sic] Stål.  
1915 *Delphax seminigra* Bergroth, Canadian Ent. 47: 216. [Listed.]  
1916 *Liburnia seminigra* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>4</sup>  
1917 *Liburnia seminigra* Van Duzee, Cat. Hemip. America :779. [Listed.]<sup>3,5,6</sup> Equals  
*Delphax seminigra* Stål.  
1921 *Megamelus seminigra* Osborn, Florida Ent. 5: 18. [Listed.]<sup>3</sup>  
1921 *Liburnia seminigra* Osborn, Florida Ent. 5: 19. [Listed.]<sup>3</sup>  
1923 *Liburnia seminigra* Metcalf, Jour. Elisha Mitchell Soc. 38: 149. [Listed.]  
1924 *Delphacodes seminigra* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 38.  
[Notes.]<sup>1</sup> Equals *Delphax seminigra* Stål.  
1926 *Delphacodes seminigra* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 38. [Listed.] Equals  
*Delphax seminigra* Stål.

*seminigra* Melichar [nec Stål]. See *Delphacodes semiobscura* Metcalf.

**semiobscura** nom. nov. for *Liburnia seminigra* Melichar 1905 [nec *Delphax seminigra* Stål 1854.]

- 1905 *Liburnia seminigra* Melichar, Wien. Ent. Zeit. 24: 286. [n. sp.]<sup>1</sup> Tanganyika  
1917 *D[elphax] seminigra* [sic] Jacobi, Reise in Ostafrika 3: 531. [Com- Territory<sup>1</sup>  
parative note.]

**shermani** Metcalf

- 1923 *Liburnia shermani* Metcalf, Jour. Elisha Mitchell Soc. 38: 207; Pl. North Carolina<sup>1</sup>  
65, Fig. 557; Pl. 70, Fig. 686. [n. sp., illustrated.]<sup>1</sup> :150. [Listed.]  
:171. [Key.]  
1938 *Delphacodes shermani* Brimley, Insects of North Carolina 1938: 103. [Listed.]<sup>1</sup>

**sibirica** Kusnezov

- 1929 *Liburnia sibirica* Kusnezov, Wien. Ent. Zeit. 46: 165; Figs. 12–13. Turkestan<sup>1</sup>  
[n. sp., illustrated.]<sup>1</sup>

*signicollis* Rey. (var.). See *Delphacodes fairmairei* var. *signicollis* Rey.

*signoreti* Edwards [nec Scott]. See *Delphacodes adela* Flor.

**signoreti** Scott

- 1870 *Liburnia signoreti* Scott, Ent. Monthly Mag. 7: 69. [n. sp.]<sup>1</sup> :26. England<sup>1</sup>  
[Key.] British Isles<sup>2</sup>
- 1872 *Liburnia signoreti* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>1</sup> Ireland<sup>3</sup>
- 1875 *Delphax signoreti* Puton, Cat. Hémip. d'Europe 2 Ed. :121.  
[Listed.]<sup>2</sup>
- 1876 *Liburnia signoreti* Douglas and Scott, Cat. British Hemip. :67. [Listed.]<sup>2</sup>
- 1879 *Liburnia signoreti* Fieber, Cicad. d'Europe Pt. 4: 119 (55). [Key.]<sup>1</sup>
- 1886 *Delphax signoreti* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>2</sup>
- 1889 *Liburnia signoreti* Edwards, Trans. Nat. Soc. Norwich 4: 750. [Listed.]<sup>1</sup>
- 1890 *Liburnia signoreti* Buckton, Mon. British Cicadae 2: 40; Pl. xii, Fig. 13. [Described,  
illustrated.]<sup>2</sup>
- 1890 *Liburnia signoreti* Buckton, Mon. British Cicadae 3: 65, 66. [Synopsis.]
- 1890 *Liburnia signoreti* Saunders and Edwards, Cat. British Hemiptera 1890: 11.  
[Listed.]<sup>2</sup>
- 1899 *Delphax signoreti* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>2</sup>
- 1907 *Delphax signoreti* Oshanin, Verz. Palaeark. Hemip. 2 (2): 326. [Listed.]<sup>2</sup> Equals  
*Liburnia signoreti* Scott.
- 1908 *Delphax signoreti* Saunders and Edwards, Cat. British Hemiptera 1908: 15. [Listed.]<sup>2</sup>
- 1909 *Delphax signoreti* Edwards, Trans. Nat. Soc. Norwich 8: 843. [Listed.]<sup>1</sup> Equals  
*Liburnia signoreti* Scott.
- 1912 *Delphax signoreti* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>1</sup>
- 1935 *Delphax signoreti* Halbert, Proc. R. Irish Acad. 42 (Sect. B) :310. [Listed.]<sup>3</sup>
- 1935 *Liburnia signoreti* Haupt, Tierwelt Mitteleuropas 4 (3): 142. To *Liburnia adela*  
Flor. [error.]

*similis* Edwards [nec Kirschbaum]. See *Delphacodes albocarinata* Stål.

**similis** Kirschbaum

- 1868 *Delphax similis* Kirschbaum, Cicad. Wiesbaden :30. [n. sp.]<sup>1</sup> Germany<sup>1</sup>
- 1872 *Liburnia similis* Fieber, Kat. Europäischen Cicad. :5. [Listed.]<sup>2</sup> Switzerland<sup>2</sup>
- 1873 *Liburnia similis* Scott, Ent. Monthly Mag. 9: 240. [Described.]<sup>6</sup> British Isles<sup>3</sup>
- 1875 *Delphax similis* Puton, Cat. Hémip. d'Europe 2 Ed. :119. England<sup>4</sup>  
[Listed.]<sup>2,3</sup> France<sup>5</sup>
- 1876 *Liburnia similis* Douglas and Scott, Cat. British Hemip.-Homop. Scotland<sup>6</sup>  
:67. [Listed.]<sup>3</sup> Equals *Delphax similis* Kirschb.
- 1879 *Liburnia similis* Fieber, Cicad. d'Europe Pt. 4: 74 (10). [Key.]<sup>2</sup> Equals *Delphax*  
*similis* Kirschb. :136 (72). [Key.]
- 1879 *Liburnia similis* Norman, Ent. Monthly Mag. 15: 255. [Listed.]<sup>6</sup>
- 1879 *Liburnia similis* Douglas, Ent. Monthly Mag. 15: 255. [Listed.]
- 1884 *Delphax similis* Mayr, Tabellen :21. [Listed.]<sup>1,2</sup>
- 1886 *Delphax similis* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>2,3</sup>
- 1886 *Liburnia similis* Edwards, Syn. British Homop.-Cicadina Pt. 1: 72. Equals *Delphax*  
*similis* Kirschb.
- 1890 *Liburnia similis* Saunders and Edwards, Cat. British Hemiptera 1890: 11. [Listed.]<sup>3</sup>
- 1896 *Liburnia similis* Melichar, Cicad. Mittel-Europa :78. [Described.]<sup>2</sup> :71. [Key.]
- 1899 *Delphax similis* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>1,2</sup>
- 1904 *Delphax similis* Hüeber, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>1</sup>
- 1907 *Delphax similis* Oshanin, Verz. Palaeark. Hemip. 2 (2): 316. [Listed.]<sup>2,3</sup> Equals  
*Liburnia similis* Scott.
- 1908 *Delphax similis* Saunders and Edwards, Cat. British Hemiptera 1908: 15. [Listed.]<sup>3</sup>
- 1912 *Delphax similis* Haupt, Berliner Ent. Zeit. 56: 193. To *Delphax albocarinata* Flor  
[error.]
- 1912 *Delphax similis* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>2,4</sup>
- 1927 *Delphax similis* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 144.  
[Listed.]<sup>6</sup>
- 1929 *Liburnia similis* China, Ent. Monthly Mag. 65: 250. [Listed.]<sup>3</sup>



*Delphacodes***simulans** Walker

- 1851 *Delphax simulans* Walker, List Homop. British Mus. 2: 355. Charles Island<sup>1</sup>  
[n. sp.]<sup>1,2</sup> (Galapagos)  
James Island<sup>2</sup>  
(Galapagos)

**sinhalana** Kirkaldy

- 1903 *Liburnia frontalis* Melichar, Homop.-Fauna Ceylon :100. [n. sp.]<sup>1</sup> Ceylon<sup>1</sup>  
1906 *Liburnia frontalis* Distant, Fauna British India 3: 484. [Described.]<sup>1</sup>  
1906 *Delphacodes sinhalanus* Kirkaldy, Canadian Ent. 38: 156. nom. nov. for *Liburnia frontalis* Mel.

*sordescens* Motschulsky. See *Nilaparavata lugens* Stål.

**sordida** Kirschbaum

- 1868 *Delphax sordida* Kirschbaum, Cicad. Wiesbaden :30. [n. sp.]<sup>1</sup> :31. Germany<sup>1</sup>  
[Comparative note.] Austria<sup>2</sup>  
1872 *Liburnia sordida* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>1</sup>  
1875 *Delphax sordida* Puton, Cat. Hémip. d'Europe 2 Ed. :121. [Listed.]<sup>1</sup>  
1884 *Delphax sordida* Mayr, Tabellen :21. [Listed.]  
1886 *Delphax sordida* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>1</sup>  
1899 *Delphax sordida* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :109. [Listed.]<sup>1,2</sup>  
1904 *Delphax sordida* Hüeber, Syst. Verz. deutschen Zikadinen :270. [Listed.]<sup>1</sup>  
1907 *Delphax sordida* Oshanin, Verz. Paläark. Hemip. 2 (2): 329. [Listed.]<sup>1</sup>  
1912 *Delphax sordida* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>1</sup>

*sordidella* Metcalf (var.). See *Delphacodes brevipennis* var. *sordidella* Metcalf.

**sordidula** Stål

- 1853 *Delphax sordidula* Stål, Öfv. Svenska Vet. Akad. Förh 10: 174. Sweden<sup>1</sup>  
[n. sp.]<sup>1</sup> Germany<sup>2</sup>  
1854 *Delphax sordidula* Stål, Öfv. Svenska Vet. Akad. Förh. 11: 194. Finland<sup>3</sup>  
[Described.]<sup>1</sup> Switzerland<sup>4</sup>  
1858 *Delphax sordidula* Walker, List Homop. British Mus. Add :324. France<sup>5</sup>  
[Listed.]<sup>1</sup> Scandinava<sup>6</sup>  
1859 *Delphax sordidula* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup> British Isles<sup>7</sup>  
1866 *Delphax sordidula* Fieber, Verh. Zool. Bot. Ges. Wien 16: Pl. viii, Austria<sup>8</sup>  
Fig. 26. [Illustrated.] Czechoslovakia<sup>9</sup>  
1868 *Delphax sordidula* Kirschbaum, Cicad. Weisbaden :29. [Key.]<sup>2</sup> Belgium<sup>10</sup>  
1868 *Delphax sordidula* Sahlberg, Not. Fennica (n. s.) 9 (9): 188. Netherlands<sup>11</sup>  
[Listed.]<sup>3</sup> :217. [Notes.]<sup>3</sup> Hungary<sup>12</sup>  
1870 *Liburnia sordidula* Scott, Ent. Monthly Mag. 7: 26. [Key.] Russia<sup>13</sup>  
1871 *Liburnia sordidula* Sahlberg, Not. Fennica (n. s.) 9 (12): 434. [De- Algeria<sup>14</sup>  
scribed.]<sup>1,3</sup> Equals *Delphax sordidula* Stål. :423. [Key.] :56. Italy<sup>15</sup>  
[Listed.]<sup>1,3</sup> :489. [Listed.]<sup>3</sup> :36. [Ecology.] Romania<sup>16</sup>  
1872 *Liburnia sordidula* Fieber, Kat. Europäischen Cicad. :5. Siberia<sup>17</sup>  
[Listed.]<sup>1,2,4</sup> Tunisia<sup>18</sup>  
1872 *Liburnia sordidula* Fieber, Verh. Zool. Bot. Ges. Wien 22: 28. Batavia<sup>19</sup>  
[Note.] Equals *Delphax sordidula* Stål. Europe<sup>20</sup>  
1874 *Liburnia sordidula* Lethierry, Cat. Hémip. Dept. du Nord 2 Ed. Africa<sup>21</sup>  
:258. (54). [Listed.]<sup>3</sup> Turkestan<sup>22</sup>  
1875 *Delphax sordidula* Puton, Cat. Hémip. d'Europe 2 Ed. :119.  
[Listed.]<sup>2,5,6,7</sup>  
1876 *Liburnia sordidula* Douglas and Scott, Cat. British Hemip. :67. [Listed.]<sup>7</sup> Equals  
*Delphax sordidula* Stål.  
1878 *Delphax sordidula* Lethierry, Compt. Rend. Soc. Ent. Belgique 21: lxvii. [Listed.]<sup>10</sup>  
1879 *Liburnia sordidula* Fieber, Cicad. d'Europe Pt. 4: 81 (71). [Key.]<sup>1,2,4,8</sup> Equals  
*Delphax sordidula* Stål. :132 (68). [Key.]

- 1879 *Delphax sordidula* Lethierry, Ann. Soc. Ent. Belgique **22**: clxxvii. [Listed.]<sup>10</sup>
- 1880 *Delphax sordidula* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar **21**: 55. [Listed.]<sup>5</sup>
- 1881 *Liburnia sordidula* Mayr, Ber. Natur.-Med. Ver. Innsbruck **10**: 86 (10). [Listed.]<sup>8</sup>
- 1884 *Delphax sordidula* Mayr, Tabellen :21. [Listed.]<sup>2,4,5,8</sup>
- 1886 *Liburnia sordidula* Edwards, Syn. British Homop.-Cicadina Pt. 1: 68. [Described.]<sup>7</sup>  
Equals *Delphax sordidula* Stål. :59. [Key.]
- 1886 *Delphax sordidula* Then, Kat. Österreichischen Cicad. **1886**: 15. [Listed.]<sup>8</sup>
- 1886 *Delphax sordidula* Puton, Cat. Hémp. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>2,5,6,7</sup>
- 1890 *Delphax sordidula* Funk, Ber. Nat. Ges. Bamberg **15**: 140. [Listed.]<sup>2</sup>
- 1890 *Liburnia sordidula* Saunders and Edwards, Cat. British Hemiptera **1890**: 11. [Listed.]<sup>7</sup>
- 1891 *Delphax sordidula* Fokker, Cat. Nederland Hemip. :366. [Listed.]<sup>11</sup>
- 1891 *Delphax sordidula* Jakovleff, Horae Soc. Ent. Rossicae **25**: 426. [Listed.]
- 1892 *Delphax sordidula* Duda, Cat. Ins. Faunae Bohemicae :28. [Listed.]<sup>9</sup>
- 1892 *Delphax sordidula* Spitzner, Verh. Naturf. Ver. Brünn **30**: 27. [Listed.]<sup>9</sup>
- 1892 *Delphax sordidula* Lethierry, Rev. Hémp. Belgique :22. [Listed.]<sup>10</sup>
- 1892 *Delphax sordidula* Coubeaux, Ann. Soc. Ent. Belgique **36**: 34 (1). [Listed.]<sup>10</sup>
- 1894 *Delphax sordidula* Rey, Échange **10**: 14. [Comparative note.]
- 1894 *Liburnia sordidula* Edwards, Hemip.-Homop. British Islands Pt. 2: 45; Pl. 5, Fig. 10. [Described, illustrated.]<sup>7</sup> :34. [Key.]
- 1896 *Liburnia sordidula* Melichar, Cicad. Mittel-Europa :80; Pl. v, Figs. 4-10. [Described, illustrated.]<sup>2,8</sup> :72. [Key.]
- 1897 *Delphax sordidula* Horváth, Fauna Regni Hungariae :56. [Listed.]<sup>12</sup>
- 1898 *Delphax sordidula* Dubois, Mém. Soc. Linn. Nord France **9**: 234. [Listed.]<sup>5</sup>
- 1898 *Delphax sordidula* Lambertie, Proc. Verb. Soc. Linn. Bordeaux **53**: xc. [Listed.]<sup>5</sup>
- 1898 [*Liburnia*] *sordidula* Melichar, Wien. Ent. Zeit. **17**: 69. [Comparative note.]
- 1899 *Liburnia sordidula* Melichar, Wien. Ent. Zeit. **18**: 180. [Listed.]<sup>18</sup> [6,7,8]
- 1899 *Delphax sordidula* Puton, Cat. Hémp. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>2,3,5</sup>
- 1900 *Liburnia sordidula* Melichar, Wien. Ent. Zeit. **19**: 45. [Listed.]<sup>17</sup>
- 1900 *Liburnia sordidula* Fokker, Tijdschr. Ent. **42**: 25. [Listed.]<sup>14</sup>
- 1900 *Delphax sordidula* Fokker, Tijdschr. Ent. **42**: 14. [Listed.]<sup>2</sup>
- 1901 *Delphax sordidula* Lambertie, Act. Soc. Linn. Bordeaux **56**: 217 (89). [Listed.]<sup>5</sup>
- 1901 *Liburnia sordidula* Schouteden, Ann. Soc. Ent. Belgique **45**: 269. [Listed.]<sup>10</sup>
- 1902 *Delphax sordidula* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) **2**: 222. [Listed.]<sup>5</sup>
- 1903 *Delphax sordidula* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste **21**: 62 (22). [Listed.]<sup>15</sup>
- 1904 *Delphax sordidula* Hüeber, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>2</sup>
- 1907 *Liburnia sordidula* Bierman, Ent. Berichten **2**: 114. [Listed.]
- 1907 *Delphax sordidula* Oshanin, Verz. Palaeark. Hemip. **2** (2): 318. [Listed.]<sup>1,2,3,4,5,7,8,10,12,14,15,17,18</sup>  
Equals *Liburnia sordidula* Stål.
- 1908 *Delphax sordidula* Saunders and Edwards, Cat. British Hemiptera **1908**: 15. [Listed.]<sup>7</sup>
- 1908 *Delphax sordidula* Oshanin, Verz. Palaeark. Hemip. **2** (3): 453. [Listed.]<sup>10,19</sup>
- 1910 *Delphax sordidula* Lambertie, Misc. Ent. **18**: 92. [Listed.]<sup>5</sup>
- 1912 *Delphax sordidula* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>17,20,21</sup>
- 1913 *Liburnia sordidula* Strand, Nyt. Mag. Naturv. **51**: 274. [Listed.]<sup>2</sup>
- 1913 *Liburnia sordidula* Melichar, Faune Walouyki Russie **7**: 6. [Listed.]<sup>13</sup>
- 1913 *Liburnia sordidula* Dalla Torre, Ent. Jahrb. **22**: 149. [Listed.]<sup>8</sup>
- 1915 *Liburnia sordidula* Jensen-Haarup, Flora och Fauna **1915**: 143. [Key.]
- 1920 *Liburnia sordidula* Jensen-Haarup, Danmarks Fauna :60. [Key.]
- 1922 *Delphax sordidula* Stichel, Int. Ent. Zeits. **16**: 133. [Listed.]<sup>2</sup>
- 1924 *Liburnia sordidula* Šulc, Biol. Spisy **3**: 71 (59). [Symbionts.] :75 (63). [Listed.] :81 (69). [Symbionts.]
- 1924 *Liburnia sordidula* Lindberg, Acta Soc. Fauna Flora Fennica **56**: 46. [Listed.]<sup>3</sup>
- 1925 *Delphax sordidula* Kupka, Mitt. Münchner Ent. Ges. **15**: 112. [Listed.]<sup>2</sup>
- 1928 *Delphax sordidula* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) **10**: 85. [Listed.]<sup>5</sup>

*Delphacodes*

- 1929 *Liburnia sordidula* Kusnezov, Wien. Ent. Zeit. **46**: 163. [Listed.]<sup>22</sup>  
 1929 *Liburnia sordidula* China, Ent. Monthly Mag. **65**: 251. [Listed.]<sup>7</sup>  
 1932 *Liburnia sordidula* Enderlein, Fauna von Deutschland 1932: 192; Fig. 463. [Illustrated.]  
 1935 *Delphax sordidula* Rapp, Beiträge zur Fauna Thüringens **1**: 50. [Listed.]<sup>2</sup>  
 1935 *Liburnia sordidula* Haupt, Tierwelt Mitteleuropas **4** (3): 143; Fig. 259. [Key, illustrated.] Equals [*Liburnia*] *distinguenda* Kbm. [error.] :129; Fig. 209. [Illustrated.]  
 1935 *Liburnia sordidula* Wagner, Verh. Ver. Naturw. Heimatforschung. **24**: 8. [Listed.]<sup>2</sup>

**sordidula** var. **sahlbergi** nom. nov. for *Liburnia sordidula* var. *b* Sahlberg

- 1871 *Liburnia sordidula* var. *b* Sahlberg, Not. Fennica [n. s.] **9** (12): Finland<sup>4</sup>  
 435. [n. var.]<sup>1</sup>

**spinosa** Fieber

- 1866 *Delphax spinosa* Fieber, Verh. Zool. Bot. Ges. Wien. **16**: 528; Pl. Germany<sup>1</sup>  
 viii, Fig. 47. [n. sp., illustrated.]<sup>1</sup> :532. [Listed.] Austria<sup>2</sup>  
 1868 *Delphax ferruginea* Kirschbaum, Cicad. Wiesbaden :39. [n. sp.]<sup>1</sup> Czechoslovakia<sup>3</sup>  
 1870 *Liburnia spinosa* Scott, Ent. Monthly Mag. **7**: 75. [Notes.] France<sup>4</sup>  
 1872 *Liburnia spinosa* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>1,2,3</sup> Belgium<sup>5</sup>  
 Equals *Liburnia ferruginea* Kirschb. Hungary<sup>6</sup>  
 1872 *Liburnia spinosa* Fieber, Verh. Zool. Bot. Ges. Wien. **22**: 29. Italy<sup>7</sup>  
 Equals *Delphax ferruginea* Kirschb. Central Europe<sup>8</sup>  
 1873 *Liburnia spinosa* Scott, Ent. Monthly Mag. **10**: 106. [Comparative note.] Denmark<sup>9</sup>  
 Europe<sup>10</sup>  
 1874 *Liburnia spinosa* Lethierry, Cat. Hémipt. Dept. du Nord Second Poland<sup>11</sup>  
 Ed. :258 (54). [Listed.]<sup>4</sup>  
 1875 *Delphax spinosa* Puton, Cat. Hémipt. d'Europe 2 Ed. :121. [Listed.]<sup>1,4</sup> Equals  
*Delphax ferruginea* Kirschb.  
 1878 *Delphax spinosa* Reiber, Bull. Soc. Hist. Nat. Colmar **18**: 75. [Listed.]<sup>4</sup>  
 1879 *Liburnia spinosa* Fieber, Cicad. d'Europe Pt. 4: 114 (50). [Key.]<sup>1,2,3</sup> Equals *Delphax spinosa* Fieb. Equals *Delphax ferruginea* Kirschb. :142 (78). [Key.]  
 1880 *Delphax spinosa* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar **21**: 56. [Listed.]<sup>4</sup>  
 1884 *Delphax spinosa* Mayr, Tabellen :21. [Listed.]<sup>1,2,3,4</sup>  
 1886 *Delphax spinosa* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>1,2,4</sup>  
 Equals *Delphax ferruginea* Kirschb.  
 1886 *Delphax spinosa* Then, Kat. Österreichischen Cicad. **1886**: 15. [Listed.]<sup>2,3</sup>  
 1890 *Delphax spinosa* Funk, Ber. Nat. Ges. Bamberg **15**: 140. [Listed.]<sup>1</sup>  
 1892 *Delphax spinosa* Coubeaux, Ann. Soc. Ent. Belgique **36**: 34 (1). [Listed.]<sup>5</sup>  
 1892 *Delphax spinosa* Spitzner, Verh. Naturf. Ver. Brünn **30**: 27. [Listed.]<sup>3</sup>  
 1892 *Delphax spinosa* Duda, Cat. Ins. Faunae Bohemicae :29. [Listed.]<sup>3</sup> Equals *Delphax ferruginea* Kirschb.  
 1896 *Liburnia spinosa* Melichar, Cicad. Mittel-Europa :89; Pl. v, Figs. 14, 15. [Described, illustrated.]<sup>1,2,3</sup> Equals *Delphax ferruginea* Kirschb. :73. [Key.]  
 1897 *Delphax spinosa* Horváth, Fauna Regni Hungariae :57. [Listed.]<sup>6</sup>  
 1899 *Delphax spinosa* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>1,2,4</sup>  
 Equals *Delphax ferruginea* Kirschb.  
 1900 *Liburnia spinosa* Strobl, Mitt. Natur. Ver. Steiermark **36**: 206. [Listed.]<sup>2</sup>  
 1903 *Delphax spinosa* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste **21**: 63 (23). [Listed.]<sup>7</sup>  
 1904 *Delphax spinosa* Hüeber, Syst. Verz. deutschen Zikadinen :270. [Listed.]<sup>1</sup> Equals  
*Delphax ferruginea* Kirschb.  
 1906 *Delphax spinosa* Matsumura, Schr. Nat. Ges. Danzig **11**: 76. [Listed.]<sup>1</sup> Equals  
*Delphax ferruginea* Kirschb.  
 1907 *Delphax spinosa* Oshanin, Verz. Palaeark. Hemip. **2** (2): 325. [Listed.]<sup>1,2,4,6</sup> Equals  
*Delphax ferruginea* Kirschb. Equals *Liburnia spinosa* Fieb.  
 1912 *Delphax spinosa* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>8</sup> Equals *Delphax ferruginea* Kirschb.  
 1912 *Liburnia spinosa* Schmidt, Stett. Ent. Zeit. **73**: 150. [Notes.]<sup>1</sup>

- 1915 *Liburnia spinosa* Jensen-Haarup, Flora och Fauna 1915: 139. [Key.]  
 1916 *Liburnia spinosa* Jensen-Haarup, Flora och Fauna 1916: 34. [Described.]<sup>9</sup>  
 1924 *Delphacodes spinosa* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 24. [Comparative note.]<sup>10</sup>  
 1929 *Liburnia spinosa* Kusnezov, Wien. Ent. Zeit. 46: 165. [Comparative note.]  
 1935 *Liburnia spinosa* Haupt, Tierwelt Mitteleuropas 4 (3): 145; Fig. 268. [Key, illustrated.]  
 1935 *Delphax spinosa* Rapp, Beiträge zur Fauna Thüringens 1: 51. [Listed.]<sup>1</sup>  
 1935 *Liburnia spinosa* Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 9. [Listed.]<sup>1</sup>  
 1937 *Liburnia spinosa* Kuntze, Arch. Nat. [n. f.] 6: 333, 350, 356. [Ecology.]<sup>1</sup>  
 1938 *Liburnia spinosa* Nast, Fragm. Faun. Mus. Zool. Polonici 3: 233 (9). [Listed.]<sup>11</sup>

ståli nom. nov. for *Delphax bohemani* Stål 1858 [nec *Delphax bohemani* Stål 1854.]

- 1857 *Delphax bohemani* [sic] Perris, Ann. Soc. Linn. Lyon 4: 170 (90). France<sup>1</sup>  
 [Listed.]<sup>1</sup> [nom. nud.] Sweden<sup>2</sup>  
 1858 *Delphax bohemani* Stål, Öfv. Svenska Vet. Akad. Förh. 15: 357. Estonia<sup>3</sup>  
 [n. sp.]<sup>2</sup> Scandinavia<sup>4</sup>  
 1866 *Delphax bohemani* [sic] Fieber, Verh. Zool. Bot. Ges. Wien. 16: Russia<sup>5</sup>  
 520; Pl. viii, Fig. 41. [Illustrated.] :532. [Listed.] Austria<sup>5</sup>  
 1867 *Delphax bohemani* [sic] Dallas, Zool. Rec. 3: 560. [Listed.] Germany<sup>7</sup>  
 1870 *Liburnia bohemani* [sic] Scott, Ent. Monthly Mag. 7: 75. [Notes.] Hungary<sup>8</sup>  
 1871 *Liburnia bohemani* [sic] Sahlberg, Not. Fennica [n. s.] 9 (12): 31. Finland<sup>9</sup>  
 [Ecology.] :56. [Listed.]<sup>2</sup> Central  
 1871 *Delphax pullula* [nec Boheman] Sahlberg, Not. Fennica [n. s.] 9 Europe<sup>10</sup>  
 (12): 450. [Listed.]  
 1871 *Liburnia bohemani* Sahlberg, Not. Fennica [n. s.] 9 (12): 447. [Described.]<sup>2</sup> Equals  
*Delphax bohemani* Stål. Equals *Delphax pullula* Flor [nec Boh.] :424. [Key.]  
 1872 *Liburnia bohemani* [sic] Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>2,3</sup> Equals  
*Liburnia pullula* Flor [nec Boh.]  
 1875 *Delphax bohemani* [sic] Puton, Cat. Hémipt. d'Europe 2 Ed. :120. [Listed.]<sup>4,5</sup> Equals  
*Delphax pullula* Flor [nec Boh.]  
 1876 *Liburnia bohemani* Sahlberg, Medd. Soc. Fauna Fl. Fennica 1: 138. [Listed.]<sup>9</sup>  
 1879 *Liburnia bohemani* [sic] Fieber, Cicad. d'Europe Pt. 4: 104 (40). [Key.]<sup>1,2,3</sup> Equals  
*Delphax bohemani* [sic] Stål. Equals *Delphax pullula* Flor [nec Boh.] :128 (64).  
 [Key.]  
 1886 *Delphax bohemani* [sic] Then, Kat. Österreichischen Cicad. 1886: 15. [Listed.]<sup>5</sup>  
 Equals *Delphax pullula* Boh. [error.]  
 1886 *Delphax bohemani* [sic] Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>1</sup>.  
<sup>4,5,7</sup> Equals *Delphax pullula* Flor [nec Boh.]  
 1896 *Liburnia bohemani* [sic] Melichar, Cicad. Mittel-Europa :86; Pl. v, Figs. 34, 35.  
 [Described, illustrated.]<sup>6,7</sup> Equals *Delphax pullula* Flor [nec Boh.] :72. [Key.]  
 1897 *Liburnia bohemani* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 258. [Comparative  
 note.]  
 1897 *Delphax bohemani* Horváth, Fauna Regni Hungariae :57. [Listed.]<sup>8</sup>  
 1899 *Delphax bohemani* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :108. [Listed.]<sup>1,4,5,6,7,9</sup>  
 Equals *Delphax pullula* Flor [nec Boh.]  
 1904 *Delphax bohemani* Hüeber, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>7</sup> Equals  
*Delphax pullula* Flor [nec Boh.]  
 1907 *Delphax bohemani* Oshanin, Verz. Palaeark. Hemip. 2 (2): 322. [Listed.]<sup>1,2,3,5,6,7,8</sup>  
 Equals *Delphax pullula* Flor [nec Boh.] Equals *Liburnia bohemani* Sahlb.  
 1907 *Delphax bohemani* Oshanin, Cat. Homop. St. Pétersbourg 1907: 247 (35). [Listed.]<sup>5</sup>  
 Equals [*Delphax*] *pullula* Flor [nec Boh.]  
 1909 *Delphax bohemani* [sic] Lambertie, Proc. Verb. Soc. Linn. Bordeaux 63: xlvii.  
 [Listed.]<sup>1</sup>  
 1909 *Delphax bohemani* Lambertie, Proc. Verb. Soc. Linn. Bordeaux 63: cxlvii. [Listed.]<sup>3</sup>



*Delphacodes*

- 1909 *Delphax bohemani* Lambertie, Bull. Soc. Ent. France 1909: 48. [Listed.]<sup>1</sup>  
 1910 *Delphax bohemani* Oshanin, Ann. Mus. Zool. St. Petersburg 15: 186. [Listed.]<sup>9</sup>  
 1910 *Delphax bohemani* [sic] Matsumura, Jour. Coll. Sci. Tokyo 27: 36. [Comparative note.]  
 1910 *Delphax bohemani* Lambertie, Misc. Ent. 18: 93. [Listed.]<sup>1</sup> Equals *Delphax pullula* Flor [nec Boh.]  
 1912 *Delphax bohemani* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>10</sup> Equals *Delphax pullula* Flor [nec Boh.]  
 1915 *Liburnia bohemani* [sic] Jensen-Haarup, Flora och Fauna 1915: 141. [Key.]  
 1920 *Liburnia bohemani* Jensen-Haarup, Danmarks Fauna :61. [Key.]  
 1923 *Delphax bohemani* Debski, Bull. Soc. Ent. Egypte 1922: 17. [Comparative note.]  
 1924 *Delphax bohemani* Haupt, Konowia 3: 298. [Comparative note.]  
 1924 *Liburnia bohemani* Lindberg, Acta Soc. Fauna Flora Fennica 56: 39, 46. [Listed.]<sup>9</sup>  
 1928 *Delphax bohemani* Ivanov, Rev. Russe d'Ent. 22: 58. [Reproductive system.]  
 1928 *Delphax bohemani* Ivanov, Trav. Mus. Zool. 1928: 502. [Listed.]<sup>5</sup>  
 1928 *Delphax bohemani* Ivanov, Mém. Acad. Sci. Ukraine 6: 198. [Listed.]<sup>5</sup>  
 1935 *Liburnia bohemani* Haupt, Tierwelt Mitteleuropas 4 (3): 141; Figs. 241, 242. [Key, illustrated.] Equals [*Liburnia*] *paryphasma* Flor. [error.]  
 1938 [*Liburnia*] *bohemani* Osborn, Bull. Ohio Biol. Surv. 6: 347. [Comparative note.]<sup>10</sup>

**ståli** var. **flavalis** nom. nov. for *Liburnia bohemani* var. *b* Sahlberg

- 1871 *Liburnia bohemani* var. *b* Sahlberg, Not. Fennica [n. s.] 9 (12); Finland<sup>1</sup> 448. [n. var.]<sup>1</sup>

**staminata** Metcalf

- 1923 *Liburnia staminata* Metcalf, Jour. Elisha Mitchell Soc. 38: 211; Illinois<sup>1</sup> Pl. 70, Fig. 706. [n. sp., illustrated.]<sup>1</sup> :173. [Key.] :150. [Listed.]

*steinegeri*. Typographical error for *Delphacodes stejnegeri* Ashmead.

**stejnegeri** Ashmead

- 1899 *Delphax stejnegeri* Ashmead, Insects Commander Isls. :340. [n. sp.]<sup>1</sup> Bering Island<sup>1</sup>  
 Pribilof Islands<sup>2</sup>  
 1904 *Delphax stejnegeri* Ashmead, Homop. Alaska :130. [Notes.]<sup>2</sup> Alaska<sup>3</sup>  
 1907 *Delphax stejnegeri* Oshanin, Verz. Palaeark. Hemip. 2 (2): 329. Siberia<sup>4</sup>  
 [Listed.]<sup>1,4</sup>  
 1912 *Delphax stejnegeri* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>4</sup>  
 1914 *Megamelus stejnegeri* Crawford, Mon. Delphacidae :630. [Listed.]<sup>1,3</sup> Equals *Delphax stejnegeri* Ashm.  
 1916 *Liburnia steinegeri* [sic] Van Duzee, Check List Hemip. America :84. [Listed.]<sup>3</sup>  
 1917 *Liburnia steinegeri* [sic] Van Duzee, Cat. Hemip. America :778. [Listed.]<sup>3</sup> Equals *Delphax steinegeri* [sic] Ashm.  
 1924 *Delphacodes steinegeri* [sic] Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 38. [Notes.]<sup>3</sup> Equals *Delphax steinegeri* [sic] Ashm.  
 1926 *Delphacodes stejnegeri* Dozier, Jour. New York Ent. Soc. 34: 261; Fig. 2 [Described, illustrated.]<sup>3</sup>

**stigmatica** Melichar

- 1897 *Liburnia stigmatica* Melichar, Wien. Ent. Zeit. 16: 69. [n. sp.]<sup>1</sup> Yugoslavia<sup>1</sup>  
 1899 *Liburnia stigmatica* Melichar, Ent. Jahrb. 1899: 142 (5). [Listed.]<sup>3</sup> Austria<sup>2</sup>  
 1899 *Delphax stigmatica* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. Italy<sup>3</sup>  
 :109. [Listed.]<sup>1</sup>  
 1907 *Delphax stigmatica* Oshanin, Verz. Palaeark. Hemip. 2 (2): 329. [Listed.]<sup>1</sup> Equals *Liburnia stigmatica* Mel.  
 1912 *Delphax stigmatica* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>2</sup>

## stigmatalis Curtis

- 1837 *Delphax stigmatalis* Curtis, Guide Arrang. British Ins. Ed. 2: 223. [Listed.]<sup>1</sup> [nom. nud.] Great Britain<sup>1</sup>  
England<sup>2</sup>
- 1837 *Delphax stigmatalis* Curtis, British Ent. 14: Pl. 657. [n. sp.]<sup>3</sup> Ireland<sup>3</sup>
- 1851 *Delphax stigmatalis* Walker, List Homop. British Mus. 2: 352.
- 1859 *Delphax stigmatalis* Dohrn, Cat. Hemip. :61. [Listed.]<sup>2</sup>
- 1860 *Delphax stigmatalis* Walker, List British Hemip. :17. [Listed.]<sup>2</sup>
- 1862 *Delphax stigmatalis* Curtis, Homop. British Ent. :Pl. 657. [Described.]
- 1872 *Liburnia stigmatalis* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>2</sup>
- 1875 *Delphax* (?) *stigmatalis* Puton, Cat. Hémp. d'Europe 2 Ed. :121. [Listed.]<sup>1</sup>
- 1886 *Delphax* (?) *stigmatalis* Puton, Cat. Hémp. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>1</sup>
- 1899 *Delphax* (?) *stigmatalis* Puton, Cat. Hémp. Faune Paléarctique 4 Ed. :109. [Listed.]<sup>1</sup>
- 1907 *Delphax* (?) *stigmatalis* Oshanin, Verz. Palaeark. Hemip. 2 (2): 330. [Listed.]<sup>1</sup>
- 1912 *Delphax* (?) *stigmatalis* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>2</sup>

## straminea Stål

- 1858 *Delphax straminea* Stål, Öfv. Svenska Vet. Akad. Förh. 15: 358. Sweden<sup>1</sup>  
[n. sp.]<sup>1</sup> Finland<sup>2</sup>
- 1866 *Delphax straminea* Fieber, Verh. Zool. Bot. Ges. Wien. 16: Pl. Scandinavia<sup>3</sup>  
viii, Fig. 54. [Illustrated.] England<sup>4</sup>
- 1870 *Liburnia straminea* Scott, Ent. Monthly Mag. 7: 75. [Listed.] Austria<sup>5</sup>
- 1871 *Liburnia straminea* Sahlberg, Not. Fennica [n. s.] 9 (12): 458. [De- British Isles<sup>6</sup>  
scribed.]<sup>1,2</sup> Equals *Delphax straminea* Stål. :424. [Key.] :58. France<sup>7</sup>  
[Listed.]<sup>1,2</sup> :489. [Listed.]<sup>2</sup> :38. [Ecology.] Germany<sup>8</sup>
- 1872 *Liburnia straminea* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>1</sup> Italy<sup>9</sup>
- 1875 *Delphax straminea* Puton, Cat. Hémp. d'Europe 2 Ed. :121. Livland<sup>10</sup>  
[Listed.]<sup>3</sup> Hungary<sup>11</sup>
- 1876 *Liburnia straminea* Scott, Ent. Monthly Mag. 13: 130. [Comparative note.] Yugoslavia<sup>12</sup>  
Romania<sup>13</sup>
- 1879 *Liburnia straminea* Fieber, Cicad. d'Europe Pt. 4: 124 (60). Russia<sup>14</sup>  
[Key.]<sup>1</sup> Equals *Delphax straminea* Stål. :140 (76). [Key.] Batavia<sup>15</sup>
- 1880 *Liburnia straminea* Reuter, Medd. Soc. Fauna Fl. Fennica 5: 202. Central  
[Listed.]<sup>2</sup> Europe<sup>16</sup>
- 1881 *Liburnia v-flava* Scott, Ent. Monthly Mag. 18: 104. [n. sp.]<sup>4</sup> Denmark<sup>17</sup>
- 1886 *Delphax straminea* Then, Kat. Österreichischen Cicad. 1886: 16. North Europe<sup>18</sup>  
[Listed.]<sup>6</sup>
- 1886 *Liburnia straminea* Edwards, Syn. British Homop.-Cicadina Pt. 1: 86; Pl. II, Figs. 7, 8. [Described, illustrated.]<sup>6</sup> Equals *Delphax straminea* Stål. Equals *Liburnia v-flava* Scott. :61. [Key.]
- 1886 *Delphax straminea* Puton, Cat. Hémp. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>3,7,8</sup>
- 1886 *Delphax v-flava* Puton, Cat. Hémp. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>6</sup>
- 1889 *Liburnia straminea* Edwards, Trans. Nat. Soc. Norwich 4: 706. [Listed.]<sup>4</sup>
- 1890 *Stiroma straminea* Buckton, Mon. British Cicadae 3: Pl. XXI, Figs. 3, 3a. [Illustrated.]
- 1890 *Liburnia straminea* Buckton, Mon. British Cicadae 2: 63; Pl. xviii, Figs. 2, 2a, 2b. [Described, illustrated.]<sup>6</sup> Equals *Delphax straminea* Stål. Equals *Liburnia v-flava* Scott. :46. [Comparative note.]
- 1890 *Liburnia straminea* Buckton, Mon. British Cicadae 3: 65, 66. [Synopsis.] :72. [Comparative note.]
- 1890 *Liburnia straminea* Saunders and Edwards, Cat. British Hemiptera 1890: 12. [Listed.]<sup>6</sup> Equals *Liburnia v-flava* Scott.
- 1891 *Liburnia straminea* Buckton, Mon. British Cicadae 8: 162, 163; Pl. E. [Genitalia, illustrated.]
- 1893 *Delphax straminea* Bezzi, Bull. Soc. Ent. Italiana 25: 108 (28). [Listed.]<sup>9</sup>
- 1894 *Liburnia straminea* Edwards, Hemip.-Homop. British Islands Pt. 2: 37. [Key.]

*Delphacodes*

- 1894 *Liburnia straminea* Edwards, Hemip.-Homop. British Islands Pt. 3: 66. [Described.]<sup>6</sup> Equals *Liburnia v-flava* Scott.
- 1896 *Liburnia straminea* Melichar, Cicad. Mittel-Europa :92; Pl. v, Fig. 62. [Described, illustrated.]<sup>6</sup> Equals *Liburnia v-flava* Scott. :74. [Key.]
- 1897 *Delphax straminea* Horváth, Fauna Regni Hungariae :57. [Listed.]<sup>11</sup>
- 1897 *Delphax straminea* Horváth, Term. Füzetek 20: 624. [Comparative note.]
- 1899 *Delphax straminea* Puton, Cat. Hémp. Faunae Paléarctique 4 Ed. :108. [Listed.]<sup>2,3,5,6,7,8</sup> Equals *Delphax v-flava* Scott.
- 1901 *Delphax straminea* Lambertie, Act. Soc. Linn. Bordeaux 56: 218 (90). [Listed.]<sup>7</sup>
- 1902 *Liburnia straminea* Cobelli, Cicadine Trentino :10. [Listed.]<sup>9</sup>
- 1903 *Delphax straminea* Horváth, Ann. Mus. Nat. Hungarici 1: 28. [Listed.]<sup>12</sup>
- 1904 *Delphax straminea* Hübner, Syst. Verz. deutschen Zikadinen :270. [Listed.]<sup>8</sup> Equals *Delphax v-flava* Scott.
- 1906 *Delphax straminea* Matsumura, Schr. Nat. Ges. Danzig 11: 76. [Listed.]<sup>8</sup>
- 1907 *Liburnia straminea* Bierman, Ent. Berichten 2: 165. [Listed.]
- 1907 *Delphax straminea* Oshanin, Verz. Palaeark. Hemip. 2 (2): 327. [Listed.]<sup>1,2,5,6,7,8,11,13,14</sup> Equals *Liburnia v-flavum* Scott. Equals *Liburnia straminea* Sahlb.
- 1908 *Delphax straminea* Saunders and Edwards, Cat. British Hemiptera 1908: 15. [Listed.]<sup>6</sup> Equals *Delphax v-flava* Scott.
- 1908 *Delphax straminea* Oshanin, Verz. Palaeark. Hemip. 2 (3): 453. [Listed.]<sup>15</sup>
- 1910 *Delphax straminea* Lambertie, Misc. Ent. 18: 93. [Listed.]<sup>7</sup> Equals *Delphax v-flava* Scott.
- 1912 *Delphax straminea* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>16</sup> Equals *Delphax v-flavum* Scott.
- 1913 *Liburnia straminea* Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]<sup>5</sup>
- 1920 *Liburnia straminea* Jensen-Haarup, Danmarks Fauna :59. [Described.]<sup>3,16,17,18</sup> :49. [Key.]
- 1924 *Liburnia straminea* Lindberg, Acta Soc. Fauna Flora Fennica 56: 46. [Listed.]<sup>2</sup>
- 1924 *Delphax straminea* Lindberg, Not. Ent. 4: 44. [Listed.]<sup>1</sup>
- 1935 *Liburnia straminea* Haupt, Tierwelt Mitteleuropas 4 (3): 146; Fig. 271. [Key, illustrated.]
- 1935 *Liburnia straminea* Wagner, Verh. Ver. Naturw. Heimatforschung. 24: 9. [Listed.]<sup>8</sup>
- 1937 *Liburnia straminea* Kuntze, Arch. Nat. [n. f.] 6: 349, 350, 356, 383. [Ecology.]<sup>8</sup>
- 1937 *Liburnia straminea* Lindberg, Not. Ent. 17: 29. [Comparative note.]<sup>10</sup>

*striatella* Edwards [nec Fallén]. See *Delphacodes pellucida* Fabricius.

*striatella* Fallén

- 1806 *Delphax stricta* [nec Fabricius] Fallén, Vet. Akad. Handl. 27: 129. Sweden<sup>1</sup>  
[Described.]<sup>1</sup> Germany<sup>2</sup>
- 1814 *Delphax striata* [nec Fabricius] Fallén, Hemip. Dispon. Meth. :21. Austria<sup>3</sup>  
[Listed.] France<sup>4</sup>
- 1826 *Delphax striatella* Fallén, Hemip. Sueciae :75. [n. sp.]<sup>1</sup> Equals Netherlands<sup>5</sup>  
*Delphax striata* Fall. [nec Fabricius.] British Isles<sup>6</sup>
- 1828 *Delphax striata* [nec Fabricius.] Zetterstedt, Fauna Ins. Lapponica England<sup>7</sup>  
:548. [Distinct.] Russia<sup>8</sup>
- 1835 *Delphax striatella* Herrich-Schäffer, Nom. Ent. 1: 106. To *Delphax notula* Germ. [error.] Finland<sup>9</sup>  
Europe<sup>10</sup>
- 1835 *Delphax striata* Herrich-Schäffer, Nom. Ent. 1: 106. To *Delphax notula* Germ. [error.] Spain<sup>11</sup>  
Estonia<sup>12</sup>
- 1836 *Delphax striata* Herrich-Schäffer, Deutschlands Ins. 143: 19. To Italy<sup>13</sup>  
*Delphax notula* Germ. [error.] Tunisia<sup>14</sup>
- 1836 *Delphax striatella* Herrich-Schäffer, Deutschlands Ins. 143: 19. To Sardina<sup>15</sup>  
*Delphax notula* Germ. [error.] Belgium<sup>16</sup>
- 1837 *Delphax striatella* Gistel, Cicaden München :107 (12). [Listed.]<sup>2</sup> Czechoslovakia<sup>7</sup>
- 1839 *Delphax striata* Spinola, Ann. Soc. Ent. France 8: 333. [Listed.] Transcaucasus<sup>18</sup>
- 1839 *Delphax striatella* Spinola, Ann. Soc. Ent. France 8: 333. [Listed.] Canary Island<sup>19</sup>

- 1847 *D[elphax] striatella* Boheman, Handl. Svenska Vet. Akad. 1847: 41. [Comparative note.] Hungary<sup>20</sup>  
Algeria<sup>21</sup>
- 1850 *Delphax striata* Dahlbom, Handl. Svenska Vet. Akad. 1850 :199. Japan<sup>22</sup>  
[Listed.]<sup>1</sup> Siberia<sup>23</sup>
- 1850 *Delphax striata* Schaum, Allg. Encykl. Ersch und Gruber 51: 69. Yugoslavia<sup>24</sup>  
To *Delphax notula* Germ. [error.] Crimea<sup>25</sup>
- 1851 *Delphax striatella* Wallengren, Öfv. Svenska Vet. Akad. Förh. 1850: 254. [Listed.] Romania<sup>26</sup>  
Turkestan<sup>27</sup>
- 1851 *Delphax striatella* Walker, List Homop. British Mus. 2: 350. To Palearctic  
*Delphax notula* Germ. [error.] Region<sup>28</sup>
- 1851 *Delphax striata* Walker, List Homop. British Mus. 2: 350. To Caucasus<sup>29</sup>  
*Delphax notula* Germ. [error.] Philippine
- 1854 *Delphax notula* [nec Germar] Stål, Öfv. Svenska Vet. Akad. Förh. 11: 192. [Described.]<sup>1</sup> Islands<sup>30</sup>  
North Russia<sup>31</sup>
- 1854 *Delphax striatella* Stål, Öfv. Svenska Vet. Akad. Förh. 11: 191. Portugal<sup>32</sup>  
[Described.]<sup>1</sup> Equals *Delphax striata* Fall. [nec Fabr.] Equals *Delphax hamata* Boh. [error.] Sumatra<sup>33</sup>  
Poland<sup>34</sup>
- 1858 *Delphax notula* Walker, List Homop. British Mus. Suppl. :323. Lapland<sup>35</sup>  
[Listed.]<sup>1</sup> China<sup>36</sup>
- 1859 *Delphax striatella* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup> Korea<sup>37</sup>
- 1859 *Delphax striata* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup> Africa<sup>38</sup>
- 1861 *Delphax striatella* Flor, Rhynch. Livlands 2: 54. [Described.] Madeira  
<sup>1,2,3,4,12</sup> Equals *Delphax notula* Stål [nec Germ.] :34. [Key.] Islands<sup>39</sup>
- 1863 *Delphax striatella* Snellen van Vollenhoven, Tijdschr. Ent. 6: 11. [Notes.]<sup>5</sup>
- 1865 *Delphax striatellus* Marshall, Ent. Monthly Mag. 1: 251. [Described.]<sup>6</sup> Equals *Delphax notula* Stål [nec Germ.] :199. [Key.] :273. [Comparative note.]
- 1865 *D[elphax] striatellus* Marshall, Ent. Monthly Mag. 1: 273, 274. [Comparative note.]
- 1866 *Delphax striatella* Fieber, Verh. Zool. Bot. Ges. Wien. 16: 520; Pl. viii, Fig. 21. [Illustrated.] :532. [Listed.]
- 1866 *Delphax striatellus* Bold, Ent. Monthly Mag. 2: 207. [Notes.]<sup>7</sup>
- 1866 *Delphax striatella* Bellevoeye, Cat. Hé mip. Moselle :142 (30). [Listed.]<sup>4</sup>
- 1867 *Delphax striatella* Dallas, Zool. Rec. 3: 560. [Listed.]
- 1867 *Delphax striatella* Sahlberg, Not. Fennica [n. s.] 8: 231. [Listed.]<sup>35</sup> *Delphax notula* Stål [nec Germ.]
- 1868 *Delphax striatella* Kirschbaum, Cicad. Wiesbaden :27, 28. [Key.]<sup>2</sup> :19, 25, 27. [Comparative note.]
- 1868 *Delphax striatella* Sahlberg, Not. Fennica [n. s.] 9 (9): 188. [Listed.]<sup>9</sup> Equals *Delphax notula* Stål [nec Germ.]
- 1870 *Liburnia striatella* Scott, Ent. Monthly Mag. 7: 27. [Key.]
- 1870 *Achorotile striatella* Oshanin, Mém. Soc. Amis Sci. Nat. Moscou 6: 48. [Listed.]<sup>8</sup>
- 1871 *Achorotile striatella* Oshanin, Bull. Imp. Soc. Nat. Hist. Imp. Univ. Moscou 6 (3): 31. [Listed.]<sup>8</sup>
- 1871 *Delphax striatella* Brischke, Verz. Wanzen und Zirpen Prov. Preussen :13. [Listed.]<sup>2</sup>
- 1871 *Liburnia striatella* Sahlberg, Not. Fennica [n. s.] 9 (12): 435. [Described.]<sup>11,9</sup> Equals *Delphax striatella* Fall. Equals *Delphax notula* Stål [nec Germ.] :424. [Key.] :56. [Listed.]<sup>1,9</sup> :37. [Ecology.]
- 1872 *Liburnia striatella* Fieber, Kat. Europäischen Cicad. :5. [Listed.]<sup>10</sup> Equals *Liburnia notula* Stål [nec Germ.]
- 1872 *Liburnia striatella* Fieber, Verh. Zool. Bot. Ges. Wien. 22: 28. [Notes.] Equals *Delphax striatella* Fall.
- 1874 *Delphax striatella* Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 83. [Listed.]<sup>2</sup>
- 1875 *Delphax striatella* Puton, Cat. Hé mip. d'Europe 2 Ed. :119. [Listed.]<sup>10</sup> Equals *Delphax notula* Stål [nec Germ.]
- 1876 *Liburnia striatella* Douglas and Scott, Cat. British Hemip. :68. [Listed.]<sup>6</sup> Equals *Delphax striatella* Fall. Equals *Delphax notula* Stål [nec Germ.]



## Delphacodes

- 1878 *Delphax striatella* Dale, History of Glanville's Wootton :305. [Listed.]<sup>7</sup>  
 1879 *Delphax striatella* Bolívar and Chicote, Ann. Soc. Esp. 8: 179 (33). [Listed.]<sup>11</sup>  
 1879 *Delphax striatella* Lethierry, Ann. Soc. Ent. Belgique 22: cii. [Listed.]<sup>16</sup>  
 1879 *Liburnia striatella* Fieber, Cicad. d'Europe Pt. 4: 69 (5). [Key.]<sup>10,12</sup> Equals *Delphax striatella* Fall. Equals *Delphax notula* Stål [nec Germ.]:128 (64). [Key.]  
 1880 *Liburnia striatella* Reuter, Med. Soc. Fauna Fl. Fennica 5: 197. [Listed.]<sup>9</sup>  
 1880 *Delphax striatella* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 55. [Listed.]<sup>4</sup>  
 1882 *Delphax striatella* Ferrari and Cavanna, Boll. Soc. Ent. Italiana 14: 370. [Listed.]<sup>13</sup>  
 1882 *Delphax striatella* Ferrari, Cicad. Agri. Ligustici :91 (19). [Listed.]<sup>13</sup>  
 1884 *Delphax striatella* Lomnicki, Spraw. Kom. Fizyj. 18: 232. [Listed.]<sup>34</sup>  
 1884 *Delphax striatella* Mayr, Tabellen :20. [Listed.]<sup>2,4,10</sup>  
 1884 *Liburnia striatella* Edwards, Trans. Nat. Soc. Norwich 3: 713. [Listed.]<sup>7</sup>  
 1884 *Delphax striatella* Ferrari, Ann. Mus. Genova (2) 1: 444 (8). [Listed.]<sup>14</sup> :510 (74). [Listed.]<sup>10,14</sup>  
 1885 *Delphax striatella* Ferrari, Bull. Soc. Ent. Italiana 17: 280. [Listed.]<sup>13</sup>  
 1885 *Delphax striatella* Ferrari, Ann. Mus. Genova (2) 2: 417. [Listed.]<sup>13</sup>  
 1885 *Delphax striatella* Ivanoff, Liste des Cigales :89 (7). [Listed.] :115 (33). [Key.]  
 1886 *Liburnia striatella* Löw, Becker's Hernstein in Neiderösterreich 3: 497. [Listed.]<sup>8</sup>  
 1886 *Delphax striatella* Puton, Hémip. Tunisie :13. [Listed.]<sup>4</sup>  
 1886 *Delphax striatella* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>10</sup> Equals *Delphax notula* Stål [nec Germ.]  
 1886 *Delphax striatella* Then, Kat. Österreichischen Cicad. 1886: 14. [Listed.]<sup>3,10,34</sup>  
 1886 *Liburnia striatella* Edwards, Syn. British Homop.-Cicadina Pt. 1: 84. Equals *Delphax striatella* Fall. Equals *Delphax notula* Stål [nec Germ.]  
 1888 *Delphax striatella* Costa, Atti. Acc. Sci. Napoli (2) 2 (7): 10. [Listed.]<sup>15</sup>  
 1890 *Delphax striatella* Dominique, Ann. Soc. Acad. Loire-Inférieure 1890: 110 (26). [Listed.]<sup>4</sup>  
 1890 *Liburnia striatella* Saunders and Edwards, Cat. British Hemiptera 1890: 12. [Listed.]<sup>6</sup>  
 1890 *Liburnia striatella* Buckton, Mon. British Cicadae 2: 55; Pl. xvi, Figs. 1, 1a-c. [Described, illustrated.]<sup>6</sup> Equals *Delphax striatella* Fall. Equals *Delphax notula* Stål [nec Germ.]  
 1890 *Liburnia striatella* Buckton, Mon. British Cicadae 3: 65, 66. [Synopsis.]  
 1891 *Delphax striatella* Fokker, Compte Rendu Soc. Ent. Belgique 35: cccxli. [Listed.]<sup>16</sup>  
 1891 *Liburnia striatella* Horváth, Glasnik Hrv. Nar. Družtva 6: 48. [Listed.]<sup>24</sup>  
 1891 *Liburnia striatella* Oshanin, Mém. Sect. caucasienne Soc. russe Geogr. 23 (1): 48. [Listed.]<sup>8</sup>  
 1892 *Delphax striatella* Lethierry, Rev. Hémip. Belgique :22. [Listed.]<sup>16</sup>  
 1892 *Delphax striatella* Dominique, Bull. Soc. Sci. Nat. Ouest France 2: 116. [Listed.]<sup>4</sup>  
 1892 *Delphax striatella* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>16</sup>  
 1892 *Delphax striatella* Ferrari, Ann. Mus. Genova (2) 12: 569 (21). [Listed.]<sup>13</sup>  
 1892 *Delphax striatella* Spitzner, Verh. Naturf. Ver. Brünn 30: 27. [Listed.]<sup>17</sup>  
 1892 *Delphax striatella* Duda, Cat. Ins. Faunae Bohemicae :28. [Listed.]<sup>17</sup> Equals *Delphax notula* Stål [nec Germ.]  
 1893 *Delphax striatella* Bezzi, Bull. Soc. Ent. Italiana 25: 108 (28). [Listed.]<sup>13</sup>  
 1894 *Delphax striatella* Horváth, Rev. Ent. 13: 177. [Listed.]<sup>8,18</sup>  
 1894 *Delphax striatella* Fokker, Tijdschr. Ent. 37: 83. [Listed.]<sup>8</sup>  
 1894 *Delphax striatella* Rey, Échange 10: 14. [Notes.]  
 1896 *Liburnia striatella* Melichar, Cicad. Mittel-Europa :76; Pl. v, Figs. 51-53. [Described, illustrated.]<sup>2,3,10,17</sup> Equals *Delphax notula* Stål [nec Germ.]:71. [Key.]  
 1897 *Delphax striatella* Horváth, Fauna Regni Hungariae :56. [Listed.]<sup>20</sup>  
 1899 *Delphax striatella* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :107. [Listed.]<sup>10</sup> Equals *Delphax notula* Stål [nec Germ.]  
 1899 *Liburnia striatella* Melichar, Wien. Ent. Zeit. 18: 180. [Listed.]<sup>14</sup>  
 1900 *Liburnia devastans* Matsumura, Ent. Nachr. 26: 263, 264. [Comparative note.]  
 1900 *Liburnia striatella* Fokker, Tijdschr. Ent. 42: 25. [Listed.]<sup>21</sup>  
 1900 *Liburnia striatella* Strobl, Mitt. Natur. Ver. Steiermark 36: 205. [Listed.]<sup>8</sup>

- 1900 *Liburnia striatella* Melichar, Wien. Ent. Zeit. **19**: 45. [Listed.]<sup>23</sup>  
 1900 *Liburnia devastans* Matsumura, Ent. Nachr. **26**: 262. [n. sp.]<sup>22</sup>  
 1901 *Delphax striatella* Horváth, Zool. Erg. Zichy :256. [Listed.]<sup>18,23</sup>  
 1901 *Delphax striatella* Lambertie, Act. Soc. Linn. Bordeaux **56**: 217 (89). [Listed.]<sup>4</sup>  
 1902 *Delphax striatella* Dominique, Bull. Soc. Sci. Nat. Ouest France (22) **2**: 222. [Listed.]<sup>4</sup>  
 1902 *Liburnia striatella* Melichar, Ann. Mus. Zool. St. Petersburg (7): 89 (14). [Notes.]<sup>23</sup>  
 1902 *Liburnia striatella* Cobelli, Cicadine Trentino :10. [Listed.]<sup>13</sup>  
 1903 *Delphax striatella* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste **21**: 62 (22). [Listed.]<sup>13</sup>  
 1903 *Delphax striatella* Horváth, Ann. Mus. Nat. Hungarici **1**: 28, 558. [Listed.]<sup>24,28</sup> :558. Equals *Liburnia devastans* Mats.  
 1903 *Delphax striatella* Lambertie, Proc. Verb. Soc. Linn. Bordeaux **58**: lxxv. [Listed.]<sup>4</sup>  
 1903 [*Liburnia*] *striatella* Melichar, Homop.-Fauna Ceylon. **1903**: 104. [Comparative note.]  
 1904 *Delphax striatella* Hüeber, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>2</sup> Equals *Delphax notula* Stål [nec Germ.]  
 1906 *Delphax striatella* Schugurov, Zool. Anz. **30**: 712. [Listed.]<sup>25</sup>  
 1906 *Delphax striatella* Matsumura, Schr. Nat. Ges. Danzig **11**: 76. [Listed.]<sup>2</sup> Equals *Delphax notula* Stål [nec Germ.]  
 1907 *Liburnia striatella* Bierman, Ent. Berichten **2**: 194. [Listed, comparative note.]<sup>5</sup>  
 1907 *Delphax striatella* Matsumura, Annot. Zool. Japanenses **6**: 84, 85, 86, 88, 89. [Listed.]<sup>22</sup>  
 1907 *Delphax striatella* Oshanin, Verz. Palaeark. Hemip. **2** (2): 315. [Listed.]<sup>1,2,3,4,6,8,9,11,12,13,14,16,18,20,21,22,23,26,27</sup> Equals *Delphax notula* Stål [nec Germ.] Equals *Liburnia striatella* Sahlb. Equals *Liburnia devastans* Mats.  
 1908 *Delphax striatella* Saunders and Edwards, Cat. British Hemiptera **1908**: 15. [Listed.]<sup>6</sup>  
 1910 *Delphax striatella* Lambertie, Misc. Ent. **18**: 92. [Listed.]<sup>4</sup> Equals *Delphax notula* Stål [nec Germ.]  
 1912 *Delphax striatella* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>28</sup> Equals *Delphax notula* Stål [nec Germ.] Equals *Delphax devastans* Mats.  
 1912 *Delphax striatella* Sabrinsky, Mitt. Natur. Ver. Steiermark **48**: 316. [Listed.]<sup>3</sup>  
 1913 *Liburnia striatella* Melichar, Faune Walouyki Russie **7**: 6. [Listed.]<sup>8</sup>  
 1913 *Liburnia striatella* Strand, Nyt. Mag. Naturv. **51**: 274. [Listed.]<sup>2</sup>  
 1913 *Liburnia striatella* Dalla Torre, Ent. Jahrb. **22**: 149. [Listed.]<sup>3</sup>  
 1914 *Liburnia striatella* Melichar, Mitt. Kaukasischen Mus. **8**: 133 (7). [Listed.]<sup>29</sup>  
 1915 *Liburnia striatella* Jensen-Haarup, Flora och Fauna **1915**: 142. [Key.]  
 1915 *Liburnia striatella* Matsumura, Trans. Sapporo Nat. Hist. Soc. **5**: 158, 184. [Listed.]<sup>37</sup>  
 1917 *Delphacodes striatella* Muir, Proc. Hawaiian Ent. Soc. **3**: 334. [Listed.]<sup>10,22,30</sup>  
 1918 *Delphax striatella* Pierce, Proc. United States Nat. Mus. **54**: 488. [Parasitized.]<sup>8</sup>  
 1920 *Liburnia striatella* Jensen-Haarup, Danmarks Fauna :60. [Key.]  
 1923 *Delphacodes striatella* Muir, Philippine Jour. Sci. **22**: 174. [Listed.]<sup>10,33</sup>  
 1924 *Liburnia striatella* Lindberg, Acta Soc. Fauna Flora Fennica **56**: 46. [Listed.]<sup>9</sup>  
 1924 *Delphacodes striatella* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. **15**: 28. [Comparative note.]  
 1925 *Delphax striatella* Della Beffa, Boll. Soc. Ent. Italiana **57**: 147. [Listed.]<sup>13</sup>  
 1926 *Delphax striatellus* Rémy-Perrier, Homop. Faune France **4**: 94. [Key.]<sup>4</sup>  
 1926 *Delphax striatella* Ogloblin, Acta Ent. Mus. Prague **3**: 172. [Ecology, parasites.]<sup>17</sup>  
 1926 *Liburnia striatella* Kato, Insect World **30**: 153. [Listed.]  
 1927 *Delphax striatella* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) **9**: 143. [Listed.]<sup>4</sup>  
 1927 *Delphax striatella* Vinokurov, Izv. Sibirsk. Kraev. Stantz. Zashch. Rast. **2**: 16. [Economics.]  
 1928 *Delphax striatella* Lallemand, Mem. Est. Mus. Zool. Univ. Coimbra **1928**: 8. [Listed.]<sup>32</sup>  
 1928 *Delphax striatella* Filipieff, Guide to Insects :159. [Key.]  
 1928 *Delphax striatella* Ivanov, Rev. Russe d'Ent. **22**: 57. [Morphology of reproductive system.]

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- 1928 *Delphax striatella* Ivanov, Mém. Acad. Sci. Ukraine **6**: 197. [Listed.]<sup>8</sup>  
 1928 *Delphax striatella* Ivanov, Trav. Mus. Zool. **1928**: 501. [Listed.]<sup>8</sup>  
 1929 *Delphax striatella* Kusnezov, Zool. Anz. **79**: 329. [Listed.]<sup>27</sup>  
 1929 *Delphax striatella* Wnukowsky, Zool. Anz. **77**: 214. [Listed.]<sup>23</sup>  
 1929 *Liburnia striatella* Lallemand, Mem. Est. Mus. Zool. Univ. Coimbra (1) **39**: 6. [Listed.]  
 1930 *Liburnia striatella* Esaki and Hashimoto, Publ. Kyushu Imp. Univ. Ent. Lab. **1**: 4, 5. [Economics.]  
 1930 *Liburnia striatella* [sic] de Seabra, Arq. Secc. Biol. e Par. **1** (4): 352. [Notes.]<sup>32</sup> Equals *Delphax striatella*.  
 1930 *Liburnia (Delphax) striatella* Kuwana, Proc. Pacific Sci. Cong. Java **4**: 214. [Economics.]<sup>22</sup>  
 1931 *Liburnia striatella* Matsumura, 6000 Ill. Ins. Japan Empire **1931**: 1269. [Described, illustrated.]<sup>22</sup>  
 1931 *Delphacodes striatella* Kuribayashi, Jour. Plant Prot. **18**: 565. [Notes.]  
 1931 *Delphax striatella* Sherborn, Index Animalium **25**: 6168. [Listed.]  
 1931 *Delphacodes striatellus* Esaki and Hashimoto, Publ. Kyushu Imp. Univ. Ent. Lab. **2**: 4, 5. [Economics.]  
 1932 *Delphacodes striatellus* Esaki, Short Course Lectures, Leaf-hoppers :7. [Listed.]<sup>22</sup> :11. [Economics.]<sup>22</sup>  
 1932 *Delphacodes striatella* Esaki, Iconographia Insectorum Japonicorum :1785. [Described, illustrated.]<sup>22</sup>  
 1932 *Delphacodes striatellus* Esaki, Oyo-Dobuts. Zasshi **4**: 1. [Listed.]<sup>22</sup>  
 1932 *Liburnia striatella* Kusnezov, Bul. Plant Prot. I Ser. :Ent. **5**: 43. [Listed.] Equals *Delphax striatella* Fall.  
 1932 *Liburnia (Delphax) striatella* Matsumura, Consp. Japanese Inj. Ins. **1932**: 223; 3 Figs. [Economics, illustrated.]<sup>22</sup>  
 1933 *Delphax striatella* Mesnil, Arq. Secc. Biol. e Par. **2**: 82. [Economics.]<sup>4</sup>  
 1933 *Delphacodes striatellus* Esaki and Hashimoto, Publ. Kyushu Imp. Univ. Ent. Lab. **4**: 13; Pls. 1-2. [Economics, illustrated.]<sup>22</sup>  
 1934 *Liburnia striatella* Thornley, Trans. Soc. British Ent. **1**: 83. [Listed.]<sup>7</sup>  
 1934 *Delphax striatellus* Silvestri, Compendio di entomologie applicata **1**: 362; Figs. 327, 328. [Described, illustrated.]  
 1935 *Liburnia striatella* Cheo, Peking Nat. Hist. Bull. **10**: 107. [Food plants.]<sup>10,22,36,37,38</sup>  
 1935 *Liburnia marginata* Haupt, Tierwelt Mitteleuropas **4** (3): 142; Fig. 252. [Key, illustrated.] Equals [*Liburnia*] *striatella* Fall.  
 1935 *Liburnia striatella* Wagner, Verh. Ver. Naturw. Heimatforschung. **24**: 8. [Listed.]<sup>2</sup>  
 1936 *Delphacodes striatellus* Esaki, Agr. Hort. **11**: 2179 (61). [Listed.] :2182 (64); Fig. 4. [Described, illustrated.]  
 1936 *Liburnia striatella* Lindberg, Comm. Biol. **4** (9): 18. [Comparative note.]  
 1936 *Liburnia haupti* Lindberg, Comm. Biol. **4** (9): 17; Figs. 5g, h. [n. sp., illustrated.]<sup>19</sup> :2. [Listed.]<sup>19</sup>  
 1937 *Delphacodes striatellus* Esaki and Hashimoto, Noj. Min. Agr. and For. **127**: 36, 132; Pl. 3. [Economics, illustrated.]<sup>22</sup> :2, 130. [Listed.]<sup>22</sup> :134. [Parasites.]  
 1937 *Liburnia striatella* Efimoff, Centr. Lab. Quar. Adm. **8**: 27, 41. [Listed.]  
 1937 *Delphacodes striatella* Smith, A textbook of plant virus diseases **1937**: 454. [Disease vector.] :492; Fig. 88 1-4. [Described, illustrated.]<sup>6,22</sup> Equals *Liburnia striatella* Fall.  
 1938 *Delphacodes striatella* China, Arkiv Zool. **30**: 54. [Listed.]<sup>1,2,3,4,6,11,13,14,16,20,21,22,23,26,27,31,39,41</sup> Equals *Delphax striatella* Osh. Equals *Liburnia* (?) *haupti* Lindb.  
 1938 *Delphacodes striatella* Cook, Jour. Agr. Univ. Puerto Rico **22**: 437. [Disease vector.]  
 1938 *Liburnia striatella* Nast, Fragm. Mus. Zool. Polonici **3**: 233 (9). [Listed.]<sup>34</sup>  
 1940 *Delphacodes striatella* Leach, Ins. Trans. Plant Dis. **1940**: 572. [Listed.] Equals *Liburnia striatella* Fall.

*striatella* var. *dorsalis* Rey. See *Delphacodes striatella* var. *reyana* Metcalf.

**striatella** var. **fimbriata** Rey

- 1894 *Delphax striatella fimbriata* Rey, Échange 10: 14. [n. var.]<sup>1</sup> Algeria<sup>1</sup>  
 1910 *Delphax striatella fimbriata* Oshanin, Ann. Mus. Zool. St. Petersburg 15: 186. [Listed.]<sup>2</sup> France<sup>2</sup>  
 1912 *Delphax striatella fimbriata* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]

**striatella** var. **lateralis** Fieber

- 1879 *Liburnia striatella lateralis* Fieber, Cicad. d'Europe Pt. 4: 72 (8). [n. var.] Algeria<sup>1</sup>  
 1894 *Delphax striatella lateralis* Rey, Échange 10: 14. [Notes.]<sup>1</sup> Germany<sup>2</sup>  
 1896 *Liburnia striatella lateralis* Melichar, Cicad. Mittel-Europa :71. [Key.] :76. [Described.] Italy<sup>3</sup>  
 1899 *Delphax striatella lateralis* Horváth, Term. Füzetek 22: 372. [Comparative note.] Russia<sup>4</sup>  
 1900 *Liburnia striatella lateralis* Strobl, Mitt. Natur. Ver. Steiermark 36: 206. [Listed.]<sup>6</sup> Portugal<sup>5</sup>  
 1902 *Liburnia striatella lateralis* Cobelli, Cicadine Trentino :10. [Listed.]<sup>3</sup> Austria<sup>6</sup>  
 1903 [*Liburnia*] *striatella lateralis* Melichar, Homop.-Fauna Ceylon. 1903: 104. [Comparative note.]  
 1904 *Delphax striatella lateralis* Hübner, Syst. Verz. deutschen Zikadinen :269. [Listed.]<sup>2</sup>  
 1910 *Delphax striatella lateralis* Oshanin, Ann. Mus. Zool. St. Petersburg 15: 186. [Listed] Equals *Liburnia striatella lateralis*. Fieb.  
 1912 *Delphax striatella lateralis* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]  
 1913 *Liburnia striatella lateralis* Melichar, Faune Walouyki Russie 7: 6. [Listed.]<sup>4</sup>  
 1913 *Liburnia striatella lateralis* Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]<sup>6</sup>  
 1925 *Delphax striatella lateralis* Della Beffa, Boll. Soc. Ent. Italiana 57: 147. [Listed.]<sup>3</sup>  
 1928 *Delphax striatella lateralis* Ivanov, Mém. Acad. Sci. Ukraine 6: 197. [Listed.]<sup>4</sup>  
 1928 *Delphax striatella lateralis* Ivanov, Trav. Mus. Zool. 1928: 501. [Listed.]<sup>4</sup>  
 1929 *Liburnia striatella lateralis* Lallemand, Mem. Est. Mus. Zool. Univ. Coimbra 39: 6. [Listed.]<sup>5</sup>  
 1930 *Liburnia striatella lateralis* de Seabra, Arq. Secc. Biol. e Par. 1 (4): 352. [Notes.]<sup>5</sup>

**striatella** var. **reyana** nom. nov. for *Delphax striatella* var. **dorsalis** Rey

- 1894 [nec *Delphax dorsalis* Fitch 1851]  
 1894 *Delphax striatella dorsalis* Rey, Échange 10: 14. [n. var.]<sup>1</sup> Algeria<sup>1</sup>  
 1910 *Delphax striatella dorsalis* Oshanin, Ann. Mus. Zool. St. Petersburg 15: 186. [Listed.]<sup>2</sup> Algeria<sup>1</sup>  
 1912 *Delphax striatella dorsalis* Oshanin, Kat. Paläark. Hemip. :119. [Listed.] France<sup>2</sup>

**strigosa** Matsumura

- 1910 *Delphax strigosa* Matsumura, Jour. Coll. Sci. Tokyo 27: 33; Fig. 10. [n. sp., illustrated.]<sup>1</sup> Sicily<sup>1</sup>  
 1912 *Delphax strigosa* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>1</sup>  
 1924 *Delphax strigosa* Haupt, Mem. Soc. Ent. Italiana 3: 229. [Listed.]<sup>1</sup>

*subfoveata* Muir and Giffard. (var.). See *Delphacodes foveata* var. *subfoveata* Muir and Giffard.  
*subfusca* Muir. See *Delphacodes propinqua* Fieber.

**substitua** Walker

- 1851 *Delphax substitua* Walker, List Homop. British Mus. 2: 354. [n. sp.]<sup>1</sup> Galapagos Islands<sup>1</sup>  
 1859 *Delphax substitua* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup> (Pacific Ocean)  
 1924 *Delphax substitua* Champion, Ent. Monthly Mag. 60: 260. [Listed.]<sup>1</sup>



*Delphacodes***tangira** Matsumura

- 1910 *Delphax tangira* Matsumura, Jour. Coll. Sci. Tokyo 27: 30; Fig. 7. [n. sp., illustrated.]<sup>1</sup> :33 [Comparative note.] Morocco<sup>1</sup>  
 1912 *Delphax tangira* Oshanin, Kat. Paläark. Hemip. :120. [Listed.]<sup>1</sup>

**tapina** Fieber

- 1866 *Delphax tapina* Fieber, Verh. Zool. Bot. Ges. Wien 16: 528; Pl. viii, Fig. 53. [n. sp., illustrated.]<sup>1</sup> :532. [Listed.] France!  
 Southern  
 1872 *Liburnia tapina* Fieber, Kat. Europäischen Cicad. :6. [Listed.]<sup>2</sup> France<sup>2</sup>  
 1875 *Delphax tapina* Puton, Cat. Hémipt. d'Europe 2 Ed. :121. [Listed.]<sup>2</sup> Sardinia<sup>3</sup>  
 1879 *Liburnia tapina* Fieber, Cicad. d'Europe Pt. 4: 123 (59). [Key.]<sup>1</sup> Denmark<sup>4</sup>  
 Equals *Delphax tapina* Fieb. :130. (66) [Key.]  
 1886 *Delphax tapina* Puton, Cat. Hémipt. Faune Paléarctique 3 Ed. :74. [Listed.]<sup>2</sup>  
 1888 *Delphax tapina* Costa, Atti Acc. Sci. Napoli (2) 1 (2): 71. [Listed.]<sup>3</sup>  
 1888 *Delphax tapina* Costa, Atti Acc. Sci. Napoli (2) 1 (9): 39. [Listed.]<sup>3</sup>  
 1899 *Delphax tapina* Puton, Cat. Hémipt. Faunae Paléarctique 4 Ed. :108. [Listed.]<sup>2</sup>  
 1907 *Delphax tapina* Oshanin, Verz. Paläarkt. Hemip. 2 (2): 327. [Listed.]<sup>2</sup> Equals *Liburnia tapina* Fieb.  
 1912 *Delphax tapina* Oshanin, Kat. Paläarkt. Hemip. :119. [Listed.]<sup>2</sup>  
 1916 *Liburnia tapina* Jensen-Haarup, Flora och Fauna 1916: 35. [Listed.]  
 1920 *Liburnia tapina* Jensen-Haarup, Danmarks Fauna :51; Fig. 26. [Described, illustrated.]<sup>4</sup> :48. [Key.]

*tapobanensis* Kirkaldy. See *Delphacodes pallidula* Melichar.

**tasmani** Muir

- 1923 *Delphacodes tasmani* Muir, Trans. New Zealand Inst. 54: 258; Figs. 2, 2a. [n. sp., illustrated.]<sup>1</sup> New Zealand<sup>1</sup>

**teapae** Fowler

- 1905 *Liburnia teapae* Fowler, Biologia Centrali-Americana 1: 135; Pl. 13, Figs. 13, 13a, b. [n. sp., illustrated.]<sup>1</sup> Mexico<sup>1</sup>  
 Jamaica<sup>2</sup>  
 1907 *Liburnia teapae* Van Duzée, Bull. Buffalo Soc. Nat. Sci. 8: 46. [Notes.]<sup>2</sup> Florida<sup>3</sup>  
 Nicaragua<sup>4</sup>  
 1914 *Liburnia teapae* Barber, Bull. American Mus. Nat. Hist. 33: 529. [Listed.]<sup>3</sup> British  
 Honduras<sup>5</sup>  
 1914 *Megamelus teapae* Crawford, Mon. Delphacidae :618; Pl. 49, Fig. E. [Described, illustrated.]<sup>1,4,5,6,7</sup> Equals *Liburnia teapae* Fowl. Brazil<sup>6</sup>  
 Cuba<sup>7</sup>  
 :606. [Key.] Southern States<sup>8</sup>  
 1914 *M[egamelus] teapae* Crawford, Mon. Delphacidae :622. [Comparative note.] West Indies<sup>9</sup>  
 Puerto Rico<sup>10</sup>  
 1916 *Liburnia teapae* Van Duzee, Check List Hemip. America :84. Central  
 [Listed.]<sup>8</sup> America<sup>11</sup>  
 1917 *Liburnia teapae* Van Duzee, Cat. Hemip. America :779. British Guiana<sup>12</sup>  
 [Listed.]<sup>1,3,9</sup> Equals *Megamelus teapae* Fowl. Ecuador<sup>13</sup>  
 1921 *Liburnia teapae* Wolcott, Jour. Dept. Agr. Porto Rico 5: 18. [Economics.]<sup>10</sup> Costa Rica<sup>14</sup>  
 1921 *Liburnia teapae* Osborn, Florida Ent. 5: 19. [Listed.]<sup>3</sup>  
 1923 *Liburnia teapae* Metcalf, Jour. Elisha Mitchell Soc. 38: 173; Pl. 46, Fig. 114; Pl. 70, Fig. 712; Pl. 61, Figs. 459, 460. [Key, illustrated.]  
 1923 *Delphacodes teapae* Wolcott, Jour. Dept. Agr. Porto Rico 7: 274. [Listed.]<sup>10</sup> Equals *Liburnia teapae* Fowl.  
 1924 *Delphacodes teapae* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 35; Pl.

- 1, Fig. 7; Pl. 6, Fig. 132. [Described, illustrated.]<sup>1,2,6,10,11</sup> Equals *Liburnia teapae* Fowl.
- 1926 *Delphacodes teapae* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 34; Pl. 5, Fig. 101. [Illustrated.]<sup>1,4,5,6,7,10,12,13</sup> :1. [Distribution.]
- 1926 *Liburnia teapae* Osborn, Jour. Econ. Ent. 19: 105. [Notes.]<sup>7</sup>
- 1926 *Liburnia teapae* Osborn, Reference Book Sugar Industry of the World 1926: 48. [Notes.]<sup>7</sup>
- 1926 *Delphacodes teapae* Osborn, Sci. Contr. Trop. Pl. Res. Found. 2: 360. [Notes.]<sup>7,8,9,11</sup>
- 1926 *Liburnia teapae* Osborn, Sci. Contr. Trop. Pl. Res. Found. 1: 105. [Notes.]<sup>7</sup>
- 1926 *Delphacodes teapae* Myers, Contr. Harvard Inst. Trop. Biol. and Med. 3: 90. [Listed.]<sup>7,10</sup>
- 1926 *Delphacodes teapae* Osborn, Ann. Ent. Soc. America 19: 360. [Notes.]<sup>7,8,9,11</sup>
- 1926 *Liburnia teapae* Gowdey, Bull. Dept. Agr. Jamaica Ent. 4: 41. [Listed.]<sup>2</sup>
- 1928 *Delphacodes teapae* Myers, Studies on Cuban Insects 1: 22. [Listed.]<sup>7</sup>
- 1929 *Delphacodes teapae* Osborn, Jour. Dept. Agr. Porto Rico 13: 111. [Listed.]<sup>10</sup>
- 1933 *Delphacodes teapae* Leonard, Jour. Dept. Agr. Puerto Rico 17: 114. [Listed.]<sup>10</sup>
- 1935 *Delphacodes teapae* Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 250. [Described.]<sup>1,10</sup> Equals *Liburnia teapae* Fowl. :245. [Comparative note.]
- 1936 *Liburnia teapae* Ballou, Bull. Ins. Pest Surv. 16: 473. [Food plants.]<sup>14</sup>
- 1936 *Delphacodes teapae* Wolcott, Jour. Agr. Univ. Puerto Rico 20: 110. [Listed.]<sup>10</sup>

**tenae** Muir

- 1926 *Delphacodes tenae* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 34; Ecuador<sup>1</sup>  
Pl. 5, Figs. 104, 105. [n. sp., illustrated.]<sup>1</sup>

*terminalis* Van Duzee. See *Delphacodes propinqua* Fieber.

**terryi** Muir

- 1917 *Delphacodes terryi* Muir, Proc. Hawaiian Ent. Soc. 3: 334; Pl. 5, Java<sup>1</sup>  
Fig. 23. [n. sp., illustrated.]<sup>1,2</sup> Formosa<sup>2</sup>
- 1929 *Delphacodes terryi* Muir, Ann. Mag. Nat. Hist. (10) 4: 220. [Comparative note.]<sup>1,2</sup>

*testacea* Metcalf (var.). See *Delphacodes pellucida* var. *testacea* Metcalf.

**thomasseti** Muir

- 1925 *Delphacodes thomasseti* Muir, Trans. Ent. Soc. London 1924: 466; Rodriguez  
Pl. 46, Figs. 3a, 3b. [n. sp., illustrated.]<sup>1</sup> Island<sup>1</sup>  
(Indian Oceans)

**thoracica** Distant

- 1916 *Sogata thoracica* Distant, Fauna British India 6: 140. [n. sp.]<sup>1</sup> Ceylon<sup>1</sup>
- 1919 *Delphacodes thoracica* Muir, Canadian Ent. 51: 8. Equals *Sogata thoracica* Dist.

*tota* Metcalf (var.). See *Delphacodes alpina* var. *tota* Metcalf.

**tschikoica** Kusnezov

- 1929 *Liburnia tschikoica* Kusnezov, Wien. Ent. Zeit. 46: 162; Figs. Turkestan<sup>1</sup>  
9-10. [n. sp., illustrated.]<sup>1</sup>

*tuckeri* Van Duzee. See *Delphacodes propinqua* Fieber.

**turneri** Muir

- 1926 *Delphacodes turneri* Muir, Ann. Mag. Nat. Hist. (9) 17: 35. [n. sp.]<sup>1</sup> Cape Province<sup>1</sup>
- 1929 *Delphacodes turneri* Muir, Ann. Mag. Nat. Hist. (10) 4: 213; Fig. Natal<sup>2</sup>  
42. [Described, illustrated.]<sup>1,2</sup>

*Delphacodes***uhleri** Muir and Giffard

- 1924 *Delphacodes uhleri* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 28; Pl. 3, Fig. 28; Pl. 5, Fig. 98. [n. sp., illustrated.]<sup>1</sup> Virginia<sup>1</sup>

**uncinata** Fieber

- 1866 *Delphax uncinata* Fieber, Verh. Zool Bot. Ges. Wien 16: 524; Pl. viii, Fig. 11. [n. sp., illustrated.]<sup>1</sup>:532. [Listed.] Spain<sup>1</sup>  
British Isles<sup>2</sup>
- 1870 *Liburnia uncinata* Scott, Ent. Monthly Mag. 7: 28. [Key.] Greece<sup>3</sup>
- 1872 *Liburnia uncinata* Fieber, Kat. Europäischen Cicad. :5. [Listed.]<sup>1</sup> England<sup>4</sup>
- 1875 *Delphax uncinata* Puton, Cat. Hémip. d'Europe 2 Ed. :119. Portugal<sup>5</sup>  
[Listed.]<sup>1,2</sup> Scotland<sup>6</sup>
- 1876 *Liburnia uncinata* Douglas and Scott, Cat. British Hemip. :69. Hungary<sup>7</sup>  
[Listed.]<sup>2</sup> Equals *Delphax uncinata* Fieb.
- 1879 *Liburnia uncinata* Fieber, Cicad. d'Europe Pt. 4: 71 (7). [Key.]<sup>1,3</sup> Equals *Delphax uncinata* Fieb.
- 1880 *Delphax uncinata* Chicote, An. Soc. Española Hist. Nat. 9: 200 (16). [Listed.]<sup>1</sup>
- 1882 *Liburnia uncinata* Norman, Ent. Monthly Mag. 18: 276. [Listed.]<sup>6</sup>
- 1886 *Liburnia uncinata* Edwards, Syn. British Homop.-Cicadina Pt. 1: 91. [Described.]<sup>2</sup>  
Equals *Delphax uncinata* Fieb. :61. [Key.]
- 1886 *Delphax uncinata* Puton, Cat. Hémip. Faune Paléarctique 3 Ed. :73. [Listed.]<sup>1,2,3,5</sup>
- 1890 *Liburnia uncinata* Saunders and Edwards, Cat. British Hemiptera 1890: 12.  
[Listed.]<sup>2</sup>
- 1894 *Liburnia uncinata* Edwards, Hemip.-Homop. British Islands Pt. 2: Pl. 8, Fig. 3a.  
[Illustrated.] :38. [Key.]
- 1894 *Liburnia uncinata* Edwards, Hemip.-Homop. British Islands Pt. 3: 71. [Described.]<sup>2</sup>
- 1899 *Delphax uncinata* Puton, Cat. Hémip. Faune Paléarctique 4 Ed. :107. [Listed.]<sup>1,2,3,5</sup>
- 1906 *Delphacodes (Delphacissa) uncinata* Kirkaldy, Canadian Ent. 38: 155. [Listed.]
- 1907 *Delphax uncinata* Oshanin, Verz. Palaeark. Hemip. 2 (2): 316. [Listed.]<sup>1,2,3</sup> Equals  
*Liburnia uncinata* Scott.
- 1908 *Delphax uncinata* Saunders and Edwards, Cat. British Hemiptera 1908: 15 [Listed.]<sup>2</sup>
- 1912 *Delphax uncinata* Oshanin, Kat. Paläark. Hemip. :119. [Listed.]<sup>1,3,4,5,7</sup>

**unda** Metcalf

- 1923 *Liburnia unda* Metcalf, Jour. Elisha Mitchell Soc. 38: 207; Pl. 70. North Carolina<sup>1</sup>  
Fig. 709. [n. sp., illustrated.]<sup>1</sup> :150. [Listed.] :173. [Key.]
- 1938 *Delphacodes unda* Brimley, Insects of North Carolina 1938: 103. [Listed.]<sup>1</sup>

**uniformis** nom. nov. for *Delphax unicolor* Walker 1850 [nec *Delphax unicolor* Herrich-Schäffer 1835.]

- 1851 *Delphax unicolor* Walker, List Homop. British Mus. 2: 354. North America<sup>1</sup>  
[n. sp.]<sup>1</sup> Canada<sup>2</sup>
- 1859 *Delphax unicolor* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup> Alaska<sup>3</sup>
- 1897 *Delphax unicolor* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 227,  
261. [Listed.]<sup>2</sup>
- 1904 *Delphax unicolor* Swezey, Prelim. Cat. Fulgoridae North America 1904: 43. [Listed.]<sup>2</sup>
- 1914 *Delphax unicolor* Crawford, Mon. Delphacidae :633. [Listed.]<sup>2</sup>
- 1916 *Liburnia (?) unicolor* Van Duzee, Check List Hemip. America :84. [Listed.]<sup>2</sup>
- 1917 *Liburnia (?) unicolor* Van Duzee, Cat. Hemip. America :780. [Listed.]<sup>2</sup> Equals  
*Delphax unicolor* Walker.
- 1919 *Delphax unicolor* Muir, Canadian Ent. 51: 8. [Notes.]
- 1923 *Liburnia unicolor* Metcalf, Jour. Elisha Mitchell Soc. 38: 149. [Notes.]

**unistrigosa** Motschulsky

- 1863 *Delphax unistrigosus* Motschulsky, Bull. Soc. Nat. Moscou 36: Ceylon  
108. [n. sp.]<sup>1</sup>

- 1891 *Delphax unistrigosus* Kirby, Jour. Linn. Soc. Zool. 24: 141. [Listed.]<sup>1</sup>  
 1903 *Liburnia unistrigosa* Melichar, Homop.-Fauna Ceylon :101; Pl. II, Figs. 17, 17a. [Described, illustrated.]<sup>1</sup> Equals *Delphax unistrigosus* Motsch. :225. [Listed.]<sup>1</sup>  
 1906 *Liburnia unistrigosa* Distant, Fauna British India 3: 485. [Described.]<sup>1</sup> Equals *Delphax unistrigosa* Motsch.

**univittata** Berg

- 1879 *Liburnia univittata* Berg, An. Soc. Cient. Argentina 8: 189. Argentina<sup>1</sup>  
 [n. sp.]<sup>1</sup>  
 1879 *Liburnia univittata* Berg, Hemip. Argentina :224. [n. sp.]<sup>1</sup>  
 1883 *Liburnia univittata* Berg, An. Soc. Cient. Argentina 16: 237. [Listed.]  
 1884 *Liburnia univittata* Berg, Add. Hemip. Argentina :143. [Listed.]  
 1914 *Megamelus univittata* Crawford, Mon. Delphacidae :632. [Listed.]  
 1926 *Delphacodes univittata* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 37. [Listed.] Equals *Liburnia univittata* Berg.

*vanduzeei* Crawford, See *Delphacodes detecta* Van Duzee.

**varia** Hesse

- 1925 *Liburnia varia* Hesse, Ann. South African Mus. 23: 171; Pl. 7, South Africa<sup>1</sup>  
 Fig. 9. [n. sp., illustrated.]<sup>1,2</sup> Natal<sup>2</sup>  
 1929 *Delphacodes varia* Muir, Ann. Mag. Nat. Hist. (10) 4: 220; Figs. Cape Province<sup>3</sup>  
 55, 56, 57. [Illustrated, notes.]<sup>3,4</sup> Equals *Liburnia varia* Hesse. Orange Free  
 State<sup>4</sup>

*varicollis* Rey. (var.). See *Delphacodes pellucida* var. *varicollis* Rey.

*vastatrix* Breddin. See *Perkinsiella vastatrix* Breddin.

**vegetata** Melichar

- 1912 *Peregrinus vegetatus* Melichar, Deutschen Zentral-Afrika-Exp. 1: Belgium Congo<sup>1</sup>  
 133; Pl. 2, Fig. 12. [n. sp., illustrated.]<sup>1</sup>  
 1912 *P[eregrinus] vegetatus* Melichar, Deutschen Zentral-Afrika-Exp. 1: 134. [Comparative  
 note.]  
 1926 *Delphacodes vegetatus* Muir, Ann. Mag. Nat. Hist. (9) 17: 28. Equals *Peregrinus*  
*vegetatus* Mel.  
 1929 *Peregrinus* (?) *vegetatus* Muir, Ann. Mag. Nat. Hist. (10) 4: 222. [Listed.]

**vicaria** Walker

- 1851 *Delphax vicaria* Walker, List Homop. British Mus. 2: 355. [n. sp.]<sup>1</sup> Galapagos  
 1859 *Delphax vicaria* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup> Islands<sup>1</sup>  
 1924 *Delphax vicaria* Champion, Ent. Monthly Mag. 60: 260. [Listed.]<sup>1</sup> (Pacific Ocean)

**vittata** Spinola

- 1852 *Delphax vittata* Spinola, Gay's Historia de Chile 7: 260. [n. sp.]<sup>1</sup> Chile<sup>1</sup>  
 1926 *Delphacodes vittata* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18:  
 38. [Listed.] Equals *Delphax vittata* Blanch.

**waldeni** Metcalf

- 1923 *Liburnia waldeni* Metcalf, Jour. Elisha Mitchell Soc. 38: 212; Pl. Connecticut<sup>1</sup>  
 70, Fig. 698. [n. sp., illustrated.]<sup>1</sup> :150. [Listed.] :172. [Key.]  
 1938 *Liburnia waldeni* Britton, Bull. Connecticut Geol. Nat. Hist. Surv. 60: 22. [Listed.]<sup>1</sup>

**walkeri** nom. nov. for *Delphax dorsalis* Walker 1870 [nec *Delphax dorsalis* Fitch 1851].

- 1870 *Delphax dorsalis* Walker, Zoologist (2) 5: 2403. [n. sp.]<sup>1</sup> Egypt<sup>1</sup>



*Delphacodes*

- 1887 *Delphax dorsalis* Bergroth, Rev. Ent. 6: 147. [Listed.]<sup>1</sup>  
 1899 *Delphax* (?) *dorsalis* Puton, Cat. Hémipt. Faune Paléarctique 4 Ed. :109. [Listed.]<sup>2</sup>  
 1907 *Delphax* (?) *dorsalis* Oshanin, Verz. Palaeark. Hemip. 2 (2): 331. [Listed.]<sup>1</sup>  
 1912 *Delphax* (?) *dorsalis* Oshanin, Kat. Paläark. Heimp. :120. [Listed.]<sup>1</sup>

**wetmorei** Muir and Giffard

- 1914 *Megamelus terminalis* [nec Van Duzee] Crawford, Mon. Delphacidae :623; Pl. 48, Figs. F, K. [Described, illustrated.]<sup>2</sup> :607. [Key.] Florida<sup>1</sup>  
 Nicaragua<sup>2</sup>  
 1924 *Delphacodes wetmorei* Muir and Giffard, Bull. Hawaiian Sugar Pl. Assoc. 15: 30; Pl. 3, Fig. 33; Pl. 6, Fig. 104. [n. sp., illustrated.]<sup>1,2,3,4</sup> Alabama<sup>3</sup>  
 Mexico<sup>4</sup>  
 Equals *Megamelus terminalis* Crawford. (nec Van Duz.)

**xerophila** Muir

- 1926 *Delphacodes xerophila* Muir, Bull. Hawaiian Sugar Pl. Assoc. 18: 29; Pl. 4, Figs. 90, 91. [n. sp., illustrated.]<sup>1</sup> Ecuador<sup>1</sup>

## GENERIC AND SPECIFIC SYNONYMY

### Genus **ACHOROTELE**

*Achorotele*. Typographical error for *Achorotile* Fieber.

### Genus **ACHORTILE**

*Achortile*. Typographical error for *Achorotile* Fieber.

### Genus **ACHROTILE**

*Achrotile*. Typographical error for *Achorotile* Fieber.

### Genus **ACHROTYLE**

*Achrotyle*. Typographical error for *Achorotile* Fieber.

### Genus **ACROEPUS**

*Acroepus*. Typographical error for *Araeopus* Spinola.

### Genus **ALLELOPLASIS** Waterhouse

*Alleloplasis* Waterhouse. See *Alleloplasis* Waterhouse. Family ISSIDAE.

### Genus **ARACOPUS**

*Aracopus*. Typographical error for *Araeopus* Spinola.

### Genus **ARAEOPHUS**

*Araeophus*. Typographical error for *Araeopus* Spinola.

### Genus **ARAEOPO**

*Araeopo*. Typographical error for *Araeopus* Spinola.

### Genus **AREOPUS**

*Areopus*. Typographical error for *Araeopus* Spinola.

### Genus **AROEOPHUS**

*Aroeophus*. Typographical error for *Araeopus* Spinola.

### Genus **AROEOPUS**

*Aroeopus*. Typographical error for *Araeopus* Spinola.

### Genus **ASIRACA** Amyot

*Asiraca* Amyot [non binom.]. See *Asiraca clavicornis* Fabricius.

### Genus **ASIRAEA**

*Asiraea*. Typographical error for *Asiraca* Latreille.

### Genus **ASIRIQUE**

*Asirique*. Typographical error for *Asiraca* Latreille.

Genus **ASIRIQUE**

*Asirique*. Typographical error for *Asiraca* Latreille.

Genus **ASIRUCA**

*Asiruca*. Typographical error for *Asiraca* Latreille.

Genus **ATROPIS** Kirschbaum

*Atropis* Kirschbaum. See *Metropis* Fieber.

*laevifrons* Sahlberg. See *Eurysa lurida* Fieber.

*latifrons* Kirschbaum. See *Metropis flavipes* Signoret.

Genus **BAMBUSARIA** Melichar

*Bambusaria* Melichar. See *Sogatopsis* Muir.

*picta* Melichar. See *Sogatopsis pratti* Muir.

*setosa* Germar. See *Araeopus setosus* Germar.

*vittata* de Geer. See *Araeopus pulchellus* Curtis.

Genus **BAMBUSIBATUS**

*Bambusibatus*. Typographical error for *Bambucibatus* Muir.

Genus **BERGIA** Scott

*Bergia* Scott. See *Bergias* Kirkaldy.

*nimbata* Berg. See *Bergias nimbata* Berg.

Genus **BIDIS** Walker

*Bidis* Walker. See *Ugyops* Guérin-Ménéville.

*aristella* Kirby. See *Ugyops aristellus* Kirby.

*contigua* Walker. See *Ugyops contiguus* Walker.

*liturifrons* Walker. See *Ugyops liturifrons* Walker.

*notivena* Walker. See *Ugyops notivenus* Walker.

*pictifrons*. Typographical error for *Bidis punctifrons* Walker. See *Ugyops pictulus* Walker.

*privata* Walker. See *Ugyops privatus* Walker.

*punctifrons* Walker. See *Ugyops pictulus* Walker.

*tripunctata* Kato. See *Ugyops tripunctatus* Kato.

*vittata* Matsumura. See *Ugyops vittatus* Matsumura.

Genus **CALBADUS**

*Calbadus*. Typographical error for *Calbodus* Spinola.

Genus **CAMYRA**

*Camyra*. Typographical error for *Canyra* Stål.

Genus **CAPICERUS**

*Capicerus*. Typographical error for *Copicerus* Swartz.

Genus **CARPHOGRAPTUS** Amyot

*Carphograptus* Amyot [non binom.]. See *Delphacodes pellucida* Fabricius.

Genus **CERCOPIS** Latreille

*Cercopis* Latreille [nec Fabricius]. See *Asiraca* Latreille.

Genus **CHLARIONA**

*Chlariona*. Typographical error for *Chloriona* Fieber.

Genus **CHLORIANA**

*Chloriana*. Typographical error for *Chloriona* Fieber.

Genus **CHLORINA**

*Chlorina*. Typographical error for *Chloriona* Fieber.

Genus **CHLORION**

*Chlorion*. Typographical error for *Chloriona* Fieber.

Genus **CHLORIONOIDEA**

*Chlorionoidea*. Typographical error for *Chlorionidea* Löw.

Genus **COCHISE** Kirkaldy

*Cochise* Kirkaldy. See *Bostaera* Ball.

*apache*. Typographical error for *Cochise apacheana* Kirkaldy. See *Bostaera nasuta* Ball.  
*apacheana* Kirkaldy. See *Bostaera nasuta* Ball.

Genus **CONA** White

*Cona* White. See *Micromasoria* Kirkaldy.

*caelata* White. See *Micromasoria caelata* White.

*celata*. Typographical error for *Cona caelata* White. See *Micromasoria caelata* White.

Genus **CONICODA** Matsumura

*Conicoda* Matsumura. See *Tropidocephala* Stål.

*graminae*. Typographical error for *Conicoda graminea* Matsumura. See *Tropidocephala brunni-*  
*pennis* Signoret.

*graminea* Matsumura. See *Tropidocephala brunni-pennis* Signoret.

*nigra* Matsumura. See *Tropidocephala nigra* Matsumura.

*prasina* Melichar. See *Tropidocephala prasina* Melichar.

Genus **COPICERNUS**

*Copicernus*. Typographical error for *Copicerus* Swartz.

Genus **COPIOCERUS**

*Copiocerus*. Typographical error for *Copicerus* Swartz.

Genus **DELFA**X

*Delfax*. Typographical error for *Delphax* Fabricius.

Genus **DELPHACE**

*Delphace*. Typographical error for *Delphax* Fabricius.



Genus **DELPHACEN**

*Delphacen*. Typographical error for *Delphax* Latreille [nec Fabricius].

Genus **DELPHACI**

*Delphaci*. Typographical error for *Delphax* Latreille [nec Fabricius].

Genus **DELPHACISSA** Kirkaldy

*Delphacissa* Kirkaldy. See *Delphacodes* Fieber.

*uncinata* Fieber. See *Delphacodes uncinata* Fieber.

Genus **DELPHACODES** Melichar [nec Fieber]

*Delphacodes* Melichar [nec Fieber]. See *Pseudaraeopus* Kirkaldy.

*bolivari* Melichar. See *Bostaera bolivari* Melichar.

*lethierryi* Mulsant and Rey. See *Pseudaraeopus lethierryi* Mulsant and Rey.

*vastatrix* Breddin. See *Perkinsiella vastatrix* Breddin.

Genus **DELPHAX** Amyot

*Delphax* Amyot [non binom.] [in part.] See *Stenocranus minutus* Fabricius.

*Delphax* Amyot [non binom.] [in part.] See *Delphacodes pellucida* Fabricius.

Genus **DELPHAX** Fabricius

*Delphax* Fabricius. See *Araeopus* Spinola.

*abdominalis* Gistel [nom. nud.]. See *Araeopus abdominalis* Gistel. [nom. nud.].

*albipes* Smith [nom. nud.]. See *Araeopus albipes* Smith [nom. nud.].

*annulata* Smith [nom. nud.]. See *Araeopus annulatus* Smith [nom. nud.].

*atra* Gistel [nom. nud.]. See *Araeopus atrus* Gistel [nom. nud.].

*atroflava* Costa [nom. nud.]. See *Araeopus atroflavus* Costa [nom. nud.].

*bisignata* Costa [nom. nud.]. See *Araeopus bisignatus* Costa [nom. nud.].

*brachyptera* Perris [nom. nud.]. See *Araeopus brachypterus* Perris [nom. nud.].

*candicans* Costa [nom. nud.]. See *Araeopus candicans* Costa [nom. nud.].

*cincta* Gistel [nom. nud.]. See *Araeopus cinctus* Gistel. [nom. nud.].

*clavicornis* Fabricius. See *Asiraca clavicornis* Fabricius.

*clavicornis*. Typographical error for *Delphax clavicornis* Fabricius. See *Asiraca clavicornis* Fabricius.

*conspersinervis* Lethierry. See *Araeopus conspersinervis* Lethierry.

*crassicornis* Fabrius. See *Araeopus crassicornis* Fabricius.

*crassicornis* Kirashbaum [nec Panzer]. See *Araeopus pulchellus* Curtis.

*crassicornis* Marshall [nec Panzer]. See *Araeopus pulchellus* Curtis.

*cylindricornis* Fabricius. See *Canyra cylindricornis* Fabricius.

*dorsata* Melichar. See *Araeopus dorsatus* Melichar.

*dubia* Panzer. See *Araeopus crassicornis* Fabricius.

*dubia* Curtis [nec Panzer]. See *Araeopus pulchellus* Curtis.

*fulva* Costa [nom. nud.]. See *Araeopus fulvus* Costa [nom. nud.].

*granulinervis* Stål. See *Araeopus* [?] *granulinervis* Stål.

*horváthi* Lallemand. See *Araeopus* [?] *horváthi* Lallemand.

*inermis* Ribaut. See *Araeopus inermis* Ribaut.

- longicornis* Latreille. See *Asiraca longicornis* Latreille.  
*longicornis* Walker [nec Latreille]. See *Ugyops walkeri* Metcalf.  
*macroptera* Costa. See *Araeopus* [?] *macroptera* Costa.  
*marginata* Gistel [nom. nud.]. See *Araeopus marginatus* Gistel. [nom. nud.].  
*media* Walker. See *Ugyops media* Walker.  
*melanops* Gistel [nom. nud.]. See *Araeopus melanops* Gistel. [nom. nud.].  
*minki* Fieber. See *Araeopus pulchellus* Curtis.  
*narbonensis* Ribaut. See *Araeopus narbonensis* Ribaut.  
*obscuripennis* Stål. See *Canyra obscuripennis* Stål.  
*opposita* Fabricius. See *Southia opposita* Fabricius. Family CIXIIDAE, Fascicle IV, Part 2.  
*producta* Walker. See *Araeopus* [?] *producta* Walker.  
*pulchella* Curtis. See *Araeopus pulchellus* Curtis.  
*quadripunctata* Gistel [nom. nud.]. See *Araeopus quadripunctatus* Gistel. [nom. nud.].  
*radiata* Costa. See *Araeopus* [?] *radiatus* Costa.  
*simulans* Walker. See *Ilburnia simulans* Walker.  
*thoracica* Gistel [nom. nud.]. See *Araeopus thoracicus* Gistel. [nom. nud.].  
*tricarinata* Gistel [nom. nud.]. See *Araeopus tricarinatus* Gistel. [nom. nud.].  
*variegata* Gistel [nom. nud.]. See *Araeopus variegatus* Gistel. nom. nud.].  
*vittata* Herklots. See *Araeopus pulchellus* Curtis.

### Genus DELPHAX Latreille [nec Fabricius]

*Delphax* Latreille [nec Fabricius]. See *Delphacodes* Fieber.

- a* Stål (var.) [*dispar*]. See *Delphacodes pellucida* Fabricius.  
*a* Germar (var.) [*marginata*]. See *Delphacodes pellucida* Fabricius.  
*a* Marshall (var.) [*nasalis*]. See *Stiroma bicarinata* var. *nigra* Metcalf.  
*acutiuscula* Spinola. See *Idiosystatus acutiusculus* Spinola.  
*adela* Flor. See *Delphacodes adela* Flor.  
*adelpa* Flor. See *Criomorphus albomarginatus* Curtis.  
*aemulator* Scott. See *Delphacodes elegantula* Boheman.  
*aemulatrix* Scott. Typographical error for *Delphax aemulator* Boheman. See *Delphacodes elegantula* Boheman.  
*akashiensis* Matsumura. See *Delphacodes akashiensis* Matsumura.  
*albicollis* Motschulsky. See *Delphacodes albicollis* Motschulsky.  
*albicollis* Sahlberg. See *Kelisia guttula* Germar.  
*albifascia* Matsumura. See *Delphacodes albifascia* Matsumura.  
*albifrons* Fieber. See *Delphacodes albifrons* Fieber.  
*albipes* Fitch [nom. nud.]. See *Delphacodes albipes* Fitch [nom. nud.].  
*alboarinata* Stål. See *Delphacodes albocarinata* Stål.  
*albosimbrata* Fieber. See *Delphacodes leptosoma* Flor.  
*albolimbata* Kirschbaum. See *Delphacodes leptosoma* Flor.  
*albomarginata* Curtis. See *Criomorphus albomarginatus* Curtis.  
*albosignata* Dahlbom. See *Achorotile albosignata* Dahlbom.  
*albostrigata* Fieber. See *Delphacodes albostrigata* Fieber.  
*albotristriata* Kirkaldy. See *Chloriona albotristriata* Kirkaldy.  
*algebra* Kirkaldy. See *Liburnia algebra* Kirkaldy.  
*alpina* Sahlberg. See *Delphacodes alpina* Sahlberg.  
*anceps* Germar. See *Conomelus anceps* Germar.

- anemonias* Kirkaldy. See *Delphacodes anemonias* Kirkaldy.  
*annulata* Fitch [nom. nud.]. See *Delphacodes annulata* Fitch [nom. nud.].  
*annulipes* Stål. See *Livatis annulipes* Stål.  
*anthracina* Horváth. See *Delphacodes anthracina* Horváth.  
*apicalis* Curtis [nom. nud.]. See *Delphacodes leptosoma* Flor.  
*artemisiae* Becker [nom. nud.]. See *Kormus artemisiae* Fieber.  
*arvensis* Fitch. See *Delphacodes arvensis* Fitch.  
*asiracoides* Forel. See *Euidella speciosa* Boheman.  
*astyanax* Kirkaldy. See *Liburnia astyanax* Kirkaldy.  
*aterrima* Stephens [nom. nud.]. See *Delphacodes aterrima* Stephens [nom. nud.].  
*aubei* Perris. See *Delphacodes aubei* Perris.  
*b* Germar (var.) [*marginata*] See *Delphacodes pellucida* Fabricius.  
*b* Stål (var.) [*dispar*] See *Delphacodes pellucida* Fabricius.  
*basalis* Matsumura. See *Delphacodes basalis* Matsumura.  
*basilinea* Germar. See *Euidella basilinea* Germar.  
*basilinea* Herrich-Schäffer [nec Germar]. See *Euidella speciosa* Boheman.  
*biarmica* Sahlberg. See *Delphacodes biarmica* Sahlberg.  
*bicarinata* Herrich-Schäffer. See *Stiroma bicarinata* Herrich-Schäffer.  
*bicolor* Fitch [nom. nud.]. See *Delphacodes pellucida* Fabricius.  
*bifasciatus* Provancher. See *Stobaera tricarinata* Say.  
*bivittata* Boheman. See *Delphacodes brevipennis* Boheman.  
*bohemani* Stål 1854. See *Brixia bohemani* Stål. Family CIXIIDAE, Fascicle IV, Part 2.  
*bohemani* Stål 1858 [nec 1854]. See *Delphacodes stáli* Metcalf.  
*bohemani*. Typographical error for *Delphax bohemani* Stål. See *Delphacodes stáli* Metcalf.  
*boldi* Scott. See *Delphacodes boldi* Scott.  
*brachyptera* Germar (var.). See *Conomelus anceps* Germar.  
*brevipennis* Boheman. See *Delphacodes brevipennis* Boheman.  
*caliginea* Stål. See *Lamenia caliginea* Stål. Family DERBIDAE.  
*capellana* Jacobi. See *Delphacodes capellana* Jacobi.  
*capnodes* Scott. See *Delphacodes capnodes* Scott.  
*carinata* Glover. See *Delphacodes carinata* Glover.  
*cataniae* Matsumura. See *Delphacodes cataniae* Matsumura.  
*clypealis* Sahlberg. See *Delphacodes clypealis* Sahlberg.  
*cognata* Fieber. See *Delphacodes aubei* Perris.  
*collaris* Stål. See *Criomorplus albomarginatus* Curtis.  
*collina* Boheman. See *Delphacodes collina* Boheman.  
*collina* Flor [nec Boheman]. See *Delphacodes pallens* Stål.  
*colocasiae* Matsumura. See *Delphacodes colocasiae* Matsumura.  
*colophon*. Typographical error for *Delphax kolophon* Kirkaldy. See *Liburnia furcifera* var. *kolophon* Kirkaldy.  
*colorata* Kirschbaum. See *Stenocranus fuscovittatus* Stål.  
*colorata* Motschulsky. See *Delphacodes* [?] *colorata* Motschulsky.  
*concinna*. Typographical error for *Delphax concinna* Fieber. See *Delphacodes collina* Boheman.  
*concinna* Fieber. See *Delphacodes collina* Boheman.  
*concinna* Stål. See *Stobaera concinna* Stål.  
*concolor* Fieber. See *Delphacodes concolor* Fieber.  
*consanguinea* Scott. See *Delphacodes distincta* Flor.

- consimilis* Van Duzee. See *Delphacodes consimilis* Van Duzee.  
*conspicua* Horváth. See *Delphacodes conspicua* Horváth.  
*contaminata* Germar. See *Cixius pilosus* Olivier. Family CIXIIDAE, Fascicle IV, Part 2.  
*conwentzi* Matsumura. See *Delphacodes conwentzi* Matsumura.  
*crassipes* Curtis [nom. nud.]. See *Criomorpha crassipes* Curtis [nom. nud.].  
*curlata* Sahlberg. See *Delphacodes venosa* Germar.  
*cynosbatis* Fallén. See *Cixius cunicularius* Linné. Family CIXIIDAE, Fascicle IV, Part 2.  
*dalei* Scott. See *Delphacodes dalei* Scott.  
*denticauda* Boheman. See *Delphacodes denticauda* Boheman.  
*devastans* Matsumura. See *Delphacodes striatella* Fallén.  
*difficilis* Edwards. See *Delphacodes difficilis* Edwards.  
*difficilis*. Typographical error for *Delphacodes difficilis* Edwards.  
*dilpa* Kirkaldy. See *Delphacodes dilpa* Kirkaldy.  
*discolor* Boheman. See *Delphacodes discolor* Boheman.  
*discolor* Fieber [nec Boheman]. See *Delphacodes juncea* Haupt.  
*discreta* Edwards. See *Delphacodes discreta* Edwards.  
*disonymos* Kirkaldy. See *Delphacodes disonymos* Kirkaldy.  
*dispar*. Fallén. See *Delphacodes pellucida* Fabricius.  
*dispar* Herrich-Schäffer [nec Fallén]. See *Delphacodes fairmairei* Perris.  
*dispar* var. *a* Stål. See *Delphacodes pellucida* Fabricius.  
*dispar* var. *b* Stål. See *Delphacodes pellucida* Fabricius.  
*distincta* Flor. See *Delphacodes distincta* Flor.  
*distinguenda* Kirschbaum. See *Delphacodes distinguenda* Kirschbaum.  
*distinguenda* Sahlberg [nec Kirschbaum]. See *Delphacodes albostrata* Fieber.  
*distinguenda*. Typographical error for *Delphax distinguenda* Kirschbaum. See *Delphacodes distinguenda* Kirschbaum.  
*dorsalis* Fitch. See *Stenocranus dorsalis* Fitch.  
*dorsalis* Rey [var.]. See *Delphacodes striatella* [var.] *reyona* Metcalf.  
*dorsalis* Walker. See *Delphacodes* [?] *walkeri* Metcalf.  
*douglasi* Scott. See *Eurysa douglasi* Scott.  
*dryope* Kirkaldy. See *Delphacodes dryope* Kirkaldy.  
*dubia* Kirschbaum [nec Panzer]. See *Delphacodes pellucida* Fabricius.  
*elegans* Costa. See *Nephropsia tuberpennis* Mulsant and Rey.  
*elegantula* Boheman. See *Delphacodes elegantula* Boheman.  
*ernesti* Kirby. See *Pundaluoja ernesti* Kirby.  
*eupompe* Kirkaldy. See *Liburnia eupompe* Kirkaldy.  
*excisa* Melichar. See *Delphacodes excisa* Melichar.  
*exigua* Boheman. See *Delphacodes exigua* Boheman.  
*extrusa* Scott. See *Delphacodes fairmairei* Perris.  
*fairmairei* Perris. See *Delphacodes fairmairei* Perris.  
*fairmairei* var. *signicollis* Rey. See *Delphacodes fairmairei* var. *signicollis* Rey.  
*fairmairii*. Typographical error for *Delphax fairmairei* Perris. See *Delphacodes fairmairei* Perris.  
*fascicollis*. Typographical error for *Delphax fuscicollis* Rey. See *Delphacodes pellucida* var. *fuscicollis* Rey.  
*ferruginea* Kirschbaum. See *Delphacodes spinosa* Fieber.  
*fieberi* Scott. See *Delphacodes fieberi* Scott.  
*fimbriata* Rey. [var.]. See *Delphacodes striatella* var. *fimbriata* Rey.



- flavescens*. Typographical error for *Delphax flavescens* Fabricius. See *Delphacodes pellucida* Fabricius.
- flaveola* Flor. See *Delphacodes flaveola* Flor.
- flavescens* Fabricius. See *Delphacodes pellucida* Fabricius.
- flavescens* Ivanoff [nec Fabricius]. See *Delphacodes flava* Metcalf.
- flaviceps* Fieber. See *Delphacodes flaviceps* Fieber.
- flavipennis* Sahlberg. See *Delphacodes flavipennis* Sahlberg.
- flavipes* Signoret. See *Metropis flavipes* Signoret.
- forcipata* Boheman. See *Delphacodes forcipata* Boheman.
- frontalis* Kirschbaum. See *Delphacodes frontalis* Kirschbaum.
- fulveola* Kirschbaum. See *Delphacodes flaveola* Flor.
- fumipennis* Fieber. See *Delphacodes fumipennis* Fieber.
- fumosa* Matsumura. See *Dicranotropis fumosa* Matsumura.
- furcata* Matsumura [nec Provancher]. See *Liburnia matsumurana* Metcalf.
- furcata* Provancher. See *Delphacodes furcata* Provancher.
- fuscifera* Horváth. See *Liburnia fuscifera* Horváth.
- fuscicollis* Rey [var.]. See *Delphacodes pellucida* [var.] *fuscicollis* Rey.
- fuscifera*. Typographical error for *Delphax fuscifera* Horváth. See *Liburnia fuscifera* Horváth.
- fuscifrons* Fieber. See *Delphacodes fuscifrons* Fieber.
- fuscinervis* Boheman. See *Achorotile albosignata* Dahlbom.
- fuscipennis* Kirschbaum. See *Delphacodes leptosoma* Flor.
- fuscoirrorata* Spinola. See *Delphacodes fuscoirrorata* Spinola.
- fuscovittata* Stål. See *Stenocranus fuscovittatus* Stål.
- geranor* Kirkaldy. See *Megamelus geranor* Kirkaldy.
- giffuensis* Matsumura. See *Delphacodes giffuensis* Matsumura.
- gilveola* Kirschbaum. See *Delphacodes gilveola* Kirschbaum.
- gracilis* Matsumura. See *Delphacodes gracilis* Matsumura.
- graminicola* Matsumura. See *Liburnia graminicola* Matsumura.
- guadarramensis*. Typographical error for *Delphax guaramanensis* Scott. See *Delphacodes guaramanensis* Scott.
- guaramanensis* Scott. See *Delphacodes guaramanensis* Scott.
- guttata*. Typographical error for *Delphax guttula* Germar. See *Kelisia guttula* Germar.
- guttifera*. Typographical error for *Delphax guttulifera* Kirschbaum. See *Kelisia vittipennis* Sahlberg.
- guttula* Germar. See *Kelisia guttula* Germar.
- guttula* Douglas [nec Germar]. See *Kelisia vittipennis* Sahlberg.
- guttulifera* Kirschbaum. See *Kelisia vittipennis* Sahlberg.
- haglundi* Sahlberg. See *Delphacodes haglundi* Sahlberg.
- hamata* Boheman. See *Dicranotropis hamata* Boheman.
- hamulata* Kirschbaum. See *Delphacodes propinqua* Fieber.
- helianthemii* Curtis [nom. nud.]. See *Stenocranus minutus* Fabricius.
- hemiptera* Germar. See *Delphacodes hemiptera* Germar.
- herrichii* Kirschbaum. See *Delphacodes herrichii* Kirschbaum.
- heydenii* Kirschbaum. See *Delphacodes leptosoma* Flor.
- hyalinipennis* Stål. See *Delphacodes brevipennis* Boheman.
- hyalipennis*. Typographical error for *Delphax hyalinipennis* Stål. See *Delphacodes brevipennis* Boheman.

- hyas* Kirkaldy. See *Delphacodes hyas* Kirkaldy.  
*insignis* Scott. See *Delphacodes insignis* Scott.  
*intermedia* Sahlberg [var.]. See *Delphacodes albocarinata* var. *intermedia* Sahlberg.  
*kaha* Kirkaldy. See *Megamelus kaha* Kirkaldy.  
*kolophon* Kirkaldy. See *Liburnia furcifera* var. *kolophon* Kirkaldy.  
*laevifrons* Sahlberg. See *Eurysa lurida* Fieber.  
*lateralis* Fieber (var.). See *Delphacodes striatella* var. *lateralis* Fieber.  
*latifrons* Fieber. See *Delphacodes latifrons* Fieber.  
*lautipes* Stål. See *Liburnia lautipes* Stål.  
*lazulis* Kirkaldy. See *Delphacodes lazulis* Kirkaldy.  
*leimonias* Kirkaldy. See *Megamelus leimonias* Kirkaldy.  
*lepida* Boheman. See *Euconomelus lepidus* Boheman.  
*leptosoma* Flor. See *Delphacodes leptosoma* Flor.  
*leptychus*. Typographical error for *Delphax leptyphus* Amyot. See *Delphacodes* [?] *leptyphus* Amyot.  
*leptyphus* Amyot. See *Delphacodes* [?] *leptyphus* Amyot.  
*lethierryi* Mulsant and Rey. See *Pseudaraeopus lethierryi* Mulsant and Rey.  
*lethierryi* Scott. See *Delphacodes lethierryi* Scott.  
*lethyerryi*. Typographical error for *Delphax lethierryi* Mulsant and Rey. See *Pseudaraeopus lethierryi* Mulsant and Rey.  
*limbata* Fabricius. See *Conomelus anceps* Germar.  
*limbata* var. *brachyptera* Germar. See *Conomelus anceps* Germar.  
*limitata* Fieber. See *Delphacodes limitata* Fieber.  
*lineata* Perris. See *Eurysa lineata* Perris.  
*lineola* Germar. See *Stenocranus minutus* Fabricius.  
*lineola* Stål [nec Germar]. See *Megamelus notulus* Germar.  
*lineola* var. *longipennis* Curtis. See *Stenocranus longipennis* Curtis.  
*litoralis* Reuter. See *Delphacodes litoralis* Reuter.  
*littoralis*. Typographical error for *Delphax litoralis* Reuter. See *Delphacodes litoralis* Reuter.  
*longifrons* Boheman. See *Stenocranus minutus* Fabricius.  
*longifronte*. Typographical error for *Delphax longifrons* Boheman. See *Stenocranus minutus* Fabricius.  
*longipennis* Curtis. See *Stenocranus longipennis* Curtis.  
*longipes* Kirschbaum. See *Delphacodes reyi* Fieber.  
*lucida*. Typographical error for *Delphax pellucida* Fabricius. See *Delphacodes pellucida* Fabricius.  
*lucticolor* Sahlberg. See *Delphacodes leptosoma* Flor.  
*lugens* Stål 1854. See *Nilaparvata lugens* Stål.  
*lugens* Stål 1855 [nec 1854] See *Anigrus stáli* Metcalf. Family MEENOPLIDAE.  
*lugubrina* Boheman. See *Delphacodes lugubrina* Boheman.  
*lugubris* Signoret. See *Jassidaeus lugubris* Signoret.  
*luteivitta* Walker. See *Stenocranus luteivitta* Walker.  
*lyraeformis* Matsumura. See *Delphacodes lyraeformis* Matsumura.  
*macroptera* Germar (var.). See *Conomelus anceps* Germar.  
*macroptera* Costa. See *Delphacodes* [?] *macroptera* Costa.  
*maculigera* Stål. See *Liburnia maculigera* Stål.  
*maculipes* Berg. See *Stenocranus maculipes* Berg.

- maidis* Ashmead. See *Peregrinus maidis* Ashmead.  
*maikoensis* Matsumura. See *Delphacodes maikoensis* Matsumura.  
*major* Kirschbaum. See *Stenocranus major* Kirschbaum.  
*marginalis* Motschulsky. See *Delphacodes* [?] *marginalis* Motschulsky.  
*marginata* Fabricius. See *Delphacodes pellucida* Fabricius.  
*marginata* var. *a* Germar. See *Delphacodes pellucida* Fabricius.  
*marginata* var. *b* Germar. See *Delphacodes pellucida* Fabricius.  
*marshalli* Scott. See *Delphacodes marshalli* Scott.  
*matabilis*. Typographical error for *Delphax mutabilis* Boheman. See *Stiroma bicarinata* Herrich-Schäffer.  
*matanitu* Kirkaldy. See *Delphacodes matanitu* Kirkaldy.  
*melanocephala* Fieber. See *Delphacodes melanocephala* Fieber.  
*melanopachys* Scott. See *Delphacodes venosa* Germar.  
*melanoops* Gistel [nom. nud.]. See *Delphacodes pellucida* Fabricius.  
*mesomela* Boheman. See *Delphacinus mesomelas* Boheman.  
*minoensis* Matsumura. See *Delphacodes minoensis* Matsumura.  
*minuscula* Horváth. See *Delphacodes minuscula* Horváth.  
*minuta* Fabricius. See *Stenocranus minutus* Fabricius.  
*minuta* Coquebert [nec Fabricius]. See *Delphacodes pellucida* Fabricius.  
*minuta* Fallén [nec Fabricius]. See *Kelisia guttula* Germar.  
*minuta* Zetterstedt. See *Kelisia guttula* Germar.  
*mocsáryi* Horváth. See *Delphacodes mocsáryi* Horváth.  
*modesta* Fieber. See *Delphacodes modesta* Fieber.  
*moesta* Boheman. See *Criomorphus moestus* Boheman.  
*moesta* Flor [nec Boheman]. See *Stiroma borealis* Sahlberg.  
*mulsanti* Fieber. See *Delphacodes mulsanti* Fieber.  
*mutabilis* Boheman. See *Stiroma bicarinata* Herrich-Schäffer.  
*nagaragawana* Matsumura. See *Delphacodes nagaragawana* Matsumura.  
*nasalis* Boheman. See *Stiroma bicarinata* Herrich-Schäffer.  
*nasalis* var. *a* Marshall. See *Stiroma bicarinata* var. *nigra* Metcalf.  
*neglecta* Flor. See *Delphacodes fairmairei* Perris.  
*nervosa* Fallén. See *Cixius cunicularius* Latreille. Family CIXIIDAE, Fascicle IV, part 2.  
*nervosa* Linné. See *Cixius nervosus* Linné. Family CIXIIDAE, Fascicle IV, part 2.  
*nigricans* Matsumura. See *Delphacodes nigricans* Matsumura.  
*nigrifrons* Matsumura. See *Delphacodes nigrifrons* Matsumura.  
*nigrigenis* Jacobi. See *Liburnia furcifera* Horváth.  
*nipponica* Matsumura. See *Delphacodes nipponica* Matsumura.  
*nitidipennis* Kirschbaum. See *Delphacodes nitidipennis* Kirschbaum.  
*nitidula* Kirschbaum. See *Delphacodes venosa* Germar.  
*niveimarginata* Scott. See *Delphacodes niveimarginata* Scott.  
*niveimarginata*. Typographical error for *Delphax niveimarginata* Scott. See *Delphacodes niveimarginata* Scott.  
*notula* Germar. See *Megamelus notula* Germar.  
*notula* Herrich-Schäffer [nec Germar]. See *Dicranotropis hamata* Boheman.  
*notula* Stål [nec Germar]. See *Delphacodes striatella* Fallén.  
*obscura* Fieber (var.). See *Delphacodes pellucida* var. *obscura* Fieber.  
*obscurella* Boheman. See *Delphacodes obscurella* Boheman.

- obscurinervis* Kirschbaum. See *Delphacodes obscurinervis* Kirschbaum.
- obscurus* Curtis [nom. nud.]. See *Criomorpha obscurus* Curtis [nom. nud.].
- obsoleta* Kirschbaum. See *Delphacodes aubei* Ferris.
- ochrius* Kirkaldy. See *Liburnia ochrius* Kirkaldy.
- ochroleuca* Kirschbaum. See *Delphacodes concolor* Fieber.
- opposita* Fabricius. See *Southia opposita* Fabricius. Family CIXIIDAE, Fascicle IV, Part 2.
- ordovis* Kirkaldy. Typographical error for *Delphax ordovix* Kirkaldy. See *Nilaparvata lugens* Stål.
- ordovix* Kirkaldy. See *Nilaparvata lugens* Stål.
- ornata* Stål. See *Liburniella ornata* Stål.
- oryzae* Matsumura. See *Nilaparvata oryzae* Matsumura.
- ostorius* Kirkaldy. See *Chloriona ostorius* Kirkaldy.
- paliata*. Typographical error for *Delphax palliata* Boheman. See *Conomelus anceps* Germar.
- pallens* Stål. See *Delphacodes pallens* Stål.
- pallenti*. Typographical error for *Delphax pallens* Stål. See *Delphacodes pallens* Stål.
- palliata* Boheman. See *Conomelus anceps* Germar.
- palliceps* Horváth. See *Delphacodes palliceps* Horváth.
- pallidula* Boheman. See *Kelisia pallidula* Boheman.
- pallidulus* Marshall [nec Boheman]. See *Kelisia fasciata* var. *scotti* Scott.
- paludosa* Flor. See *Delphacodes paludosa* Flor.
- pargasensis* Reuter. See *Delphacodes pargasensis* Reuter.
- paryphasma* Flor. See *Delphacodes paryphasma* Flor.
- parysatis* Kirkaldy. See *Nilaparvata lugens* Stål.
- patens* Kirschbaum. See *Delphacodes discolor* Boheman.
- patruelis* Stål. See *Delphacodes patruelis* Stål.
- pellucens* Typographical error for *Delphax pellucida* Fabricius. See *Delphacodes pellucida* Fabricius.
- pellucida* Fabricius. See *Delphacodes pellucida* Fabricius.
- pellucida* var. *difficilis* Edwards. See *Delphacodes difficilis* Edwards.
- pellucida* var. *discreta* Edwards. See *Delphacodes discreta* Edwards.
- pellucida* var. *dispar* Fallén. See *Delphacodes pellucida* Fabricius.
- pellucida* var. *fuscicollis* Rey. See *Delphacodes pellucida* var. *fuscicollis* Rey.
- pellucida* var. *obscura* Fieber. See *Delphacodes pellucida* var. *obscura* Fieber.
- pellucida* var. *varicollis*. Typographical error for *Delphax pellucida* var. *varicollis* Rey. See *Delphacodes pellucida* var. *varicollis* Rey.
- pellucida* var. *varicollis*. See *Delphacodes pellucida* var. *varicollis* Rey.
- pellucida* Herrich-Schäffer [nec Fabricius]. See *Delphacodes herrichii* Kirschbaum.
- pellucida* Bold [nec Fabricius]. See *Conomelus anceps* Germar.
- perspicillata* Boheman. See *Kelisia perspicillata* Boheman.
- phragmitis* Germar [nom. nud.]. See *Chloriona unicolor* Herrich-Schäffer.
- picea* Kirschbaum. See *Delphacodes pellucida* Fabricius.
- piceola* var. *difficilis* Edwards. See *Delphacodes difficilis* Edwards.
- piceola* var. *fuscicollis* Rey. See *Delphacodes pellucida* var. *fuscicollis* Rey.
- piceola* var. *obscura* Fieber. See *Delphacodes pellucida* var. *obscura* Fieber.
- pictifrons* Stål. See *Burnilia pictifrons* Stål.
- pictipennis* Curtis. See *Conomelus anceps* Germar.
- placida* Stål. See *Canyra placida* Stål.



- prasinula* Fieber. See *Chloriona prasinula* Fieber.
- propingua*. Typographical error for *Delphax propinqua* Fieber. See *Delphacodes propinqua* Fieber.
- propinqua* Fieber. See *Delphacodes propinqua* Fieber.
- protrusa* Fieber. See *Delphacodes protrusa* Fieber.
- psylloides* Lethierry. See *Peregrinus maidis* Ashmead.
- pteridis* Spinola. See *Stiroma pteridis* Spinola.
- pteritis*. Typographical error for *Delphax pteridis* Spinola. See *Stiroma pteridis* Spinola.
- puella* Van Duzee. See *Delphacodes puella* Van Duzee.
- puella* Kirkaldy [nec Van Duzee]. See *Liburnia kirkaldyi* Muir.
- pullra* Stål. See *Ilburnia ipomoeicola* Kirkaldy.
- pullula* Boheman. See *Delphacodes pullula* Boheman.
- pullula* Flor [nec Boheman]. See *Delphacodes stål* Metcalf.
- punctulum* Kirschbaum. See *Kelisia punctulum* Kirschbaum.
- pylaon* Kirkaldy. See *Pissonotus pylaon* Kirkaldy.
- pyrenea*. Typographical error for *Delphax pyrenea* Fieber. See *Eurysa pyrenea* Fieber.
- quadravittata*. Typographical error for *Delphax quadrivittata* Kirschbaum. See *Eurysa lineata* Perris.
- quadrinaculatus* Signoret. See *Megamelus quadrinaculatus* Signoret.
- quadrivittata* Kirschbaum. See *Eurysa lineata* Perris.
- querenda* Flor [nom. nud.]. See *Stiroma moesta* Boheman.
- radiata* Costa. See *Delphacodes* [?] *radiata* Costa.
- raniceps* Boheman. See *Kelisia pallidula* Boheman.
- ranicipitis*. Typographical error for *Delphax raniceps* Boheman. See *Kelisia pallidula* Boheman.
- reyi* Fieber. See *Delphacodes reyi* Fieber.
- rhypara* Flor. See *Megamelus venosus* Germar.
- rivularis* Germar. See *Delphacodes* [?] *rivularis* Germar.
- sacarinosa*. Typographical error for *Delphax saccharivora* Westwood. See *Saccharosydne saccharivora* Westwood.
- sacarioxa*. Typographical error for *Delphax saccharivora* Westwood. See *Saccharosydne saccharivora* Westwood.
- sacchapivora*. Typographical error for *Delphax saccharivora* Westwood. See *Saccharosydne saccharivora* Westwood.
- sacchari*. Typographical error for *Delphax saccharivora* Westwood. See *Saccharosydne saccharivora* Westwood.
- saccharicida*. Typographical error for *Delphax saccharivora* Westwood. See *Saccharosydne saccharivora* Westwood.
- saccharivora* Westwood. See *Saccharosydne saccharivora* Westwood.
- sacchivorus*. Typographical error for *Delphax saccharivora* Westwood. See *Saccharosydne saccharivora* Westwood.
- saccharivora*. Typographical error for *Delphax saccharivora* Westwood. See *Saccharosydne saccharivora* Westwood.
- salina* Haupt. See *Delphacodes salina* Haupt.
- saturalis*. Typographical error for *Delphax suturalis* Curtis. See *Delphacodes pellucida* Fabricius.
- scotti* Scott. See *Kelisia fasciata* var. *scotti* Scott.
- seminegra*. Typographical error for *Delphax seminigra* Stål. See *Delphacodes seminigra* Stål.
- seminigra* Stål. See *Delphacodes seminigra* Stål.

- signicollis* Rey (var.). See *Delphacodes fairmairei* var. *signicollis* Rey.  
*signifera* Boheman. See *Conomelus anceps* Germar.  
*signoreti* Scott. See *Delphacodes signoreti* Scott.  
*similis* Kirschbaum. See *Delphacodes similis* Kirschbaum.  
*simplex* Kirby. See *Pundaluoya ernesti* Kirby.  
*simulans* Walker. See *Delphacodes* [?] *simulans* Walker.  
*smaragdula* Kirschbaum [nec Stål]. See *Chloriona prasinula* Fieber.  
*smaragdula* Stål. See *Chloriona smaragdula* Stål.  
*sordescens* Motschulsky. See *Nilaparvata lugens* Stål.  
*sordida* Kirschbaum. See *Delphacodes sordida* Kirschbaum.  
*sordidula* Stål. See *Delphacodes sordidula* Stål.  
*speciosa* Boheman. See *Euidella speciosa* Boheman.  
*spinosa* Fieber. See *Delphacodes spinosa* Fieber.  
*steinegeri*. Typographical error for *Delphax stejnegeri* Ashmead. See *Delphacodes stejnegeri* Ashmead.  
*stejnegeri* Ashmead. See *Delphacodes stejnegeri* Ashmead.  
*stenoptera* Flor. See *Chloriona stenoptera* Flor.  
*stigmatica* Melichar. See *Delphacodes stigmatica* Melichar.  
*stigmatalis* Curtis. See *Delphacodes* [?] *stigmatalis* Curtis.  
*straminea* Stål. See *Delphacodes straminea* Stål.  
*striata* Fabricius. See *Delphacodes pellucida* Fabricius.  
*striata* Fallén [nec Fabricius]. See *Delphacodes striatella* Fallén.  
*striatella* Fallén. See *Delphacodes striatella* Fallén.  
*striatella* Stål [nec Fallén]. See *Dicranotropis hamata* Boheman.  
*striatella* var. *dorsalis* Rey. See *Delphacodes striatella* var. *reyana* Metcalf.  
*striatella* var. *fimbriata* Rey. See *Delphacodes striatella* var. *fimbriata* Rey.  
*striatella* var. *lateralis* Fieber. See *Delphacodes striatella* var. *lateralis* Fieber.  
*strigosa* Matsumura. See *Delphacodes strigosa* Matsumura.  
*substitua* Walker. See *Delphacodes* [?] *substitua* Walker.  
*suezensis* Matsumura. See *Liburnua suezensis* Matsumura.  
*suturalis* Curtis. See *Delphacodes pellucida* Fabricius.  
*tangira* Matsumura. See *Delphacodes tangira* Matsumura.  
*tapina* Fieber. See *Delphacodes tapina* Fieber.  
*thoracica* Stål. See *Stiroma thoracica* Stål.  
*thoracica* Marshall [nec Stål]. See *Delphacodes niveimarginata* Scott.  
*thyestes* Kirkaldy. See *Chloriona thyestes* Kirkaldy.  
*tricarinata* Say. See *Stobaera tricarinata* Say.  
*tristis* Boheman. See *Euconomelus lepidus* Boheman.  
*truncatipennis* Boheman. See *Megamelus notula* Germar.  
*tuberipennis* Mulsant and Rey. See *Nephropsia tuberipennis* Mulsant and Rey.  
*uncinata* Fieber. See *Delphacodes uncinata* Fieber.  
*unicolor* Herrich-Schäffer. See *Chloriona unicolor* Herrich-Schäffer.  
*unicolor* Walker [nec Herrich-Schäffer]. See *Delphacodes* [?] *uniformis* Metcalf.  
*unipuncta*. Typographical error for *Delphax unipunctata* Provancher. See *Stenocranus dorsalis* Fitch.  
*unipunctata* Provancher. See *Stenocranus dorsalis* Fitch.  
*unistrigosa* Motschulsky. See *Delphacodes unistrigosa* Motschulsky.

*varicollis*. Typographical error for *Delphax pellucida* var. *varicollis* Rey. See *Delphacodes pellucida* var. *varicollis*.

*varicollis* Rey (var.). See *Delphacodes pellucida* var. *varicollis* Rey.

*venosa* Germar. See *Megamelus venosus* Germar.

*venosa* Motschulsky. See *Delphacodes kahavalu* Kirkaldy.

*v-flava* Scott. See *Delphacodes straminea* Stål.

*vicaria* Walker. See *Delphacodes* [?] *vicaria* Walker.

*vittacollis*. Typographical error for *Delphax vitticollis* Stål. See *Liburnia vitticollis* Stål.

*vittata* Spinola. See *Delphacodes vittata* Spinola.

*vittata* Stål [nec Spinola]. See *Stenocranus lautus* Van Duzee.

*vitticollis* Stål. See *Liburnia vitticollis* Stål.

*vittipennis* Sahlberg. See *Kelsia vittipennis* Sahlberg.

*yezoana* Matsumura. See *Delphacodes pellucida* Fabricius.

### Genus **DEPHLAX**

*Dephlax*. Typographical error for *Delphax* Latreille. See *Delphacodes* Fieber.

### Genus **DELPLACINUS**

*Delplacinus*. Typographical error for *Delphacinus* Fieber.

### Genus **DICAANOTROPIS**

*Dicaanotropis*. Typographical error for *Dicranotropis* Fieber.

### Genus **DICANOTROPIS**

*Dicanotropis*. Typographical error for *Dicranotropis* Fieber.

### Genus **DICRANOTHROPIS**

*Dicranothropis*. Typographical error for *Dicranotropis* Fieber.

### Genus **DICRANATROPIS**

*Dicranatropis*. Typographical error for *Dicranotropis* Fieber.

### Genus **DICRANOTOPIS**

*Dicranotopis*. Typographical error for *Dicranotropis* Fieber.

### Genus **DICRONOTROPIS**

*Dicronotropis*. Typographical error for *Dicranotropis* Fieber.

### Genus **DICTROPIS**

*Dictropis*. Typographical error for *Ditropis* Kirschbaum. See *Stiroma* Fieber.

### Genus **DIEDRANOTROPIS**

*Diedranotropis*. Typographical error for *Dicranotropis* Fieber.

### Genus **DITROPIS** Kirschbaum.

*Ditropis* Kirschbaum. See *Stiroma* Fieber.

*adelpa* Flor. See *Criomorplus albomarginatus* Curtis.

*affinis* Fieber. See *Stiroma affinis* Fieber.

- albosignata* Dahlbom. See *Achorotile albosignata* Dahlbom.  
*atrotula* Kirschbaum. See *Jassidaeus lugubris* Signoret.  
*b* Sahlberg (var.) [*bicarniata*]. See *Stiroma bicarinata* var. *vittata* Metcalf.  
*b* Sahlberg (var.) [*borealis*]. See *Stiroma borealis* var. *carinata* Metcalf.  
*bicarinata* Herrich-Schäffer. See *Stiroma bicarinata* Herrich-Schäffer.  
*bicarinata* var. *b* Sahlberg. See *Stiroma bicarinata* var. *vittata* Metcalf.  
*borealis* Sahlberg. See *Stiroma borealis* Sahlberg.  
*borealis* var. *b* Sahlberg. See *Stiroma borealis* var. *carinata* Metcalf.  
*fasciata* Kirschbaum. See *Kelisia fasciata* Kirschbaum.  
*longicornis* Sahlberg. See *Achorotile longicornis* Sahlberg.  
*lugubris* Signoret. See *Jassidaeus lugubris* Signoret.  
*moesta* Boheman. See *Criomorplus moestus* Boheman.  
*moesta* Sahlberg [nec Boheman]. See *Criomorplus albomarginatus* Curtis.  
*moesta* Flor [nec Boheman]. See *Stiroma borealis* Sahlberg.  
*mutabilis* Boheman. See *Stiroma bicarinata* Herrich-Schäffer.  
*nasalis* Boheman. See *Stiroma bicarinata* Herrich-Schäffer.  
*pleridis* Boheman. See *Stiroma pleridis* Spinola.  
*thoracica* Stål. See *Stiroma thoracica* Stål.

#### Genus **ECTOPIOPTERYGODELPHAX** Kirkaldy.

- Ectopiopterygodelphax* Kirkaldy. See *Tropidocephala* Stål.  
*eximia* Kirkaldy. See *Tropidocephala brunnipectus* Signoret.

#### Genus **EIBURNIA**

- Eiburnia*. Typographical error for *Liburnia* Stål.

#### Genus **EIBURUIA**

- Eiburuiia*. Typographical error for *Liburnia* Stål.

#### Genus **EMBOLOPHORA** Kirkaldy [nec Stål]

- Embolophora* Kirkaldy [nec Stål]. See *Delphacodes* Fieber.  
*pellucida* Fabricius. See *Delphacodes pellucida* Fabricius.

#### Genus **EMBOLOPHORA**

- Embolophora*. Typographical error for *Embolophora* Stål.

#### Genus **EPIDIDIS**

- Epididis*. Typographical error for *Epibidis* Fowler.

#### Genus **EUDELPHAX** Melichar

- Eidelphax* Melichar. See *Eodelphax* Kirkaldy.  
*setulosa* Melichar. See *Eodelphax serendiba* Kirkaldy.

#### Genus **EUEIDES**

- Eucides*. Typographical error for *Euides* Fieber. See *Euidella* Puton.



Genus **EUIDES** Fieber

*Euides* Fieber. See *Euidella* Puton.

*basilinea* Kirschbaum [nec Germar]. See *Euidella speciosa* Boheman.

*basilinea* Germar. See *Euidella basilinea* Germar.

*d* Sahlberg (var.) [*speciosus*]. See *Euidella speciosa* var. *obscura* Metcalf.

*fucatus* Berg. See *Euidella fucata* Berg.

*fuscovittatus* Scott. See *Euidella fuscovittata* Scott.

*speciosus* Boheman. See *Euidella speciosa* Boheman.

*speciosus* var. *d* Sahlberg. See *Euidella speciosa* var. *obscura* Metcalf.

Genus **EURISA**

*Eurisa*. Typographical error for *Eurysa* Fieber.

Genus **EURYA**

*Eurya*. Typographical error for *Eurysa* Fieber.

Genus **EURYSIA**

*Eurysia*. Typographical error for *Eurysa* Fieber.

Genus **EURYUSA**

*Euryusa*. Typographical error for *Eurysa* Fieber.

Genus **EVIDELLA**

*Evidella*. Typographical error for *Euidella* Puton.

Genus **EVIDES**

*Evides*. Typographical error for *Euides* Fieber. See *Euidella* Puton.

Genus **GADORA** Walker

*Gadora* Walker. See *Hapalomelus* Stål.

*capensis* Walker. See *Hapalomelus flavipes* Stål.

Genus **GELASTOCEPHALUS**

*Gelastocephalus*. Typographical error for *Gelastodelphax* Kirkaldy.

Genus **GEONEOSSUS** Muir

*Geoneossus* Muir. See *Pseudaraeopus* Kirkaldy.

*sacchari* Muir. See *Pseudaraeopus sacchari* Muir.

Genus **GEONESSUS**

*Geonessus*. Typographical error for *Geoneossus* Muir. See *Pseudaraeopus* Kirkaldy.

Genus **GONIOLCIUM** Fowler

*Goniolcium* Fowler. See *Stobaera* Stål.

*granulosum* Fowler. See *Stobaera granulosa* Fowler.

*testaceum* Fowler. See *Stobaera testacea* Fowler.

Genus **HADEODELPHAX** Kirkaldy

*Hadeodelphax* Kirkaldy. See *Sardia* Melichar.

*pallidior* Kirkaldy (var.). See *Sardia pluto* var. *pallidior* Kirkaldy.

*persephone* Kirkaldy. See *Sardia persephone* Kirkaldy.

*pluto* Kirkaldy. See *Sardia pluto* Kirkaldy.

*pluto* var. *pallidior* Kirkaldy. See *Sardia pluto* var. *pallidior* Kirkaldy.

Genus **HAGAMIA** Amyot

*Hagamia* Amyot [non binom.]. See *Dicranotropis hamata* Boheman.

Genus **HAPALORNELUS**

*Hapalornelus*. Typographical error for *Hapalomelus* Stål.

Genus **HAPLOMELUS**

*Haplomelus*. Typographical error for *Hapalomelus* Stål.

Genus **HELOTUS**

*Helotus*. Typographical error for *Holotus* Guérin-Ménéville. See *Copicerus* Swartz.

Genus **HOLATUS**

*Holatus*. Typographical error for *Holotus* Guérin-Ménéville. See *Copicerus* Swartz.

Genus **HOLOTUS** Guérin-Ménéville

*Holotus* Guérin-Ménéville. See *Copicerus* Swartz.

*obscurus* Guérin-Ménéville. See *Copicerus obscurus* Guérin-Ménéville.

*thoracicus* Guérin-Ménéville. See *Copicerus irroratus* var. *thoracicus* Guérin-Ménéville.

Genus **HORMUS**

*Hormus*. Typographical error for *Kormus* Fieber.

Genus **HYGIOPS** Amyot and Serville

*Hygiops* Amyot and Serville. See *Ugyops* Guérin-Ménéville.

*impictus* Stål. See *Ugyops impictus* Stål.

*kinbergi* Stål. See *Ugyops kinbergi* Stål.

*notivena* Walker. See *Ugyops notivena* Walker.

*percheronii* Guérin-Ménéville. See *Ugyops percheronii* Guérin-Ménéville.

*pictifrons* Stål. See *Ugyops pictifrons* Stål.

*pictifronte*. Typographical error for *Hygiops pictifrons* Stål. See *Ugyops pictifrons* Stål.

Genus **HYGYOPS**

*Hygyops*. Typographical error for *Hygiops* Amyot and Serville. See *Ugyops* Guérin-Ménéville.

Genus **ILBURINA**

*Ilburina*. Typographical error for *Ilburnia* White.

Genus **JASSIDEUS**

*Jassideus*. Typographical error for *Jassideaeus* Fieber.

Genus **JASSIDOEUS**

*Jassidoeus*. Typographical error for *Jassidaeus* Fieber.

Genus **JAVESA** Amyot

*Javesa* Amyot [non. binom.]. See *Delphacodes pellucida* Fabricius.

Genus **JERALA** Walker

*Jerala* Walker. See *Copicerus* Swartz.

*singula* Walker. See *Copicerus irroratus* Swartz.

Genus **JERALIA**

*Jeralia*. Typographical error for *Jerala* Walker. See *Copicerus* Swartz.

Genus **JERULA**

*Jerula*. Typographical error for *Jerala* Walker. See *Copicerus* Swartz.

Genus **JESSIDAEUS**

*Jessidaeus*. Typographical error for *Jassidaeus* Fieber.

Genus **KALPA** Distant

*Kalpa* Distant. See *Nilaparvata* Distant.

*aculeata* Distant. See *Nilparvatal lugens* Stål.

Genus **KELESIA**

*Kelesia*. Typographical error for *Kelisia* Fieber.

Genus **KELISA**

*Kelisa*. Typographical error for *Kelisia* Fieber.

Genus **KELSIA**

*Kelsia*. Typographical error for *Kelisia* Fieber.

Genus **KELIXA**

*Kelixa*. Typographical error for *Kelisia* Fieber.

Genus **KETSEA**

*Ketsea*. Typographical error for *Kelisia* Fieber.

Genus **KILISIA**

*Kilisia*. Typographical error for *Kelisia* Fieber.

Genus **LACCOCARA**]

*Laccocara*. Typographical error for *Laccocera* Van Duzee.

Genus **LEPTICUS** Crawford

*Lepticus* Crawford. See *Pentagramma* Van Duzee

*oculatus* Crawford. See *Pentagramma bivittata* Crawford.

Genus **LEPTYPHUS** Amyot

*Leptyphus* Amyot [non binom.]. See *Delphacodes* [?] *leptyphus* Amyot.

Genus **LIBERNIELLA**

*Liberniella*. Typographical error for *Liburniella* Crawford.

Genus **LIBRUNIA**

*Librunia*. Typographical error for *Liburnia* Scott [nec Stål.]

Genus **LIBURNA**

*Liburna*. Typographical error for *Liburnia* Stål.

Genus **LIBURNIA** Scott

*Liburnia* Scott [in part] [nec Stål]. See *Chlorina* Fieber.

*Liburnia* Scott [in part] [nec Stål]. See *Eurysa* Fieber.

*Liburnia* Scott [in part] [nec Stål]. See *Euidella* Puton.

*Liburnia* Scott [in part] [nec Stål]. See *Kelisia* Fieber.

*Liburnia* Scott [in part] [nec Stål]. See *Delphacodes* Fieber.

Genus **LIBURUIA**

*Liburuiia* Typographical error for *Liburnia* Stål.

Genus **MACROTOMELLO**

*Macrotomello*. Typographical error for *Macrotomella* Van Duzee.

Genus **MAGAMELUS**

*Magamelus*. Typographical error for *Megamelus* Germar.

Genus **MATUTINUS** Distant

*Matutinus* Distant. See *Chlorionidea* Löw.

*opulentus* Distant. See *Chlorionidea opulenta* Distant.

Genus **MEGAMELLUS**

*Megamellus*. Typographical error for *Megamelus* Fieber.

Genus **MEGLAMELANUS**

*Meglamelanus*. Typographical error for *Megamelanus* Ball.

Genus **MESTUS** Melichar [nec Motschulsky]

*Mestus* Melichar [nec Motschulsky]. See *Anectopia* Kirkaldy.

*morio* Melichar [nec Motschulsky]. See *Anectopia mandane* Kirkaldy.

Genus **METROPTS**

*Metropts*. Typographical error for *Metropis* Fieber.

Genus **MICROMASORIA** Melichar [nec Kirkaldy]

*Micromasoria* Melichar [nec Kirkaldy]. See *Conna* Walker. Family



Genus **NEHIGLA** Amyot

- Nehigla* Amyot [non binom.]. See *Conomelus anceps* Germar.  
*Nehigla anceps* Amyot [non binom.]. See *Conomelus anceps* Germar.  
*Nehigla limbata* Amyot [non binom.]. See *Conomelus anceps* Germar.

Genus **NESOPHROSYNE**

- Nesophrosyne*. Typographical error for *Nesothoe* Kirkaldy.

Genus **NESOPLEIAS** Kirkaldy

- Nesopleias* Kirkaldy. See *Nesorestias* Kirkaldy.  
*artemisiae* Kirkaldy. See *Aloha artemisiae* Kirkaldy.  
*dubautiae* Kirkaldy. See *Aloha dubautiae* Kirkaldy.  
*nimbata* Kirkaldy. See *Nesorestias nimbata* Kirkaldy.

Genus **NESOPLIAS**

- Nesoplias*. Typographical error for *Nesopleias* Kirkaldy.  
 See *Nesorestias* Kirkaldy.

Genus **NESOSYDNE** Kirkaldy

- Nesosydne* Kirkaldy. See *Iburnia* White.

- anceps* Muir. See *Iburnia anceps* Muir.  
*argyroxiphii* Kirkaldy. See *Iburnia argyroxiphii* Kirkaldy.  
*asteliae* Muir. See *Iburnia asteliae* Muir.  
*blackburni*. Typographical error for *Nesosydne blackburni* Muir. See *Iburnia blackburni* Muir.  
*blackburni* Muir. See *Iburnia blackburni* Muir.  
*chambersi* Kirkaldy. See *Iburnia chambersi* Kirkaldy.  
*cyathodis* Kirkaldy. See *Iburnia cyathodis* Kirkaldy.  
*cyrtandrae* Muir. See *Iburnia cyrtandrae* Muir.  
*cyrtandricola* Muir. See *Iburnia cyrtandricola* Muir.  
*disjuncta* Muir. See *Iburnia nephelias* Kirkaldy.  
*fullawayi* Muir. See *Iburnia cyathodis* var. *fullawayi* Muir.  
*fullawayi* var. *lanaiensis* Muir. See *Iburnia cyathodis* var. *lanaiensis* Muir.  
*giffardi* Muir. See *Iburnia giffardi* Muir.  
*gouldiae* Kirkaldy. See *Iburnia gouldiae* Kirkaldy.  
*gunnerae* Muir. See *Iburnia gunnerae* Muir.  
*haleakala* Kirkaldy. See *Iburnia haleakala* Kirkaldy.  
*halia* Kirkaldy. See *Iburnia halia* Kirkaldy.  
*halia* var.—Kirkaldy. See *Iburnia halia* var. *fuscovittata* Metcalf.  
*hamadryas* Kirkaldy. See *Iburnia hamadryas* Kirkaldy.  
*hamata* Muir. See *Iburnia hamata* Muir.  
*imbricola* Kirkaldy. See *Iburnia imbricola* Kirkaldy.  
*incommoda* Muir. See *Iburnia incommoda* Muir.  
*ipomoeicola* Kirkaldy. See *Iburnia ipomoeicola* Kirkaldy.  
*koae* Kirkaldy. See *Iburnia koae* Kirkaldy.  
*koae* var. *rubescens* Kirkaldy. See *Iburnia rubescens* Kirkaldy.  
*koaphyllodii* Muir. See *Iburnia koaphyllodii* Muir.

- koebelei* Muir. See *Ilburnia koebelei* Muir.  
*lanaiensis* Muir (var.). See *Ilburnia cyathodis* var. *lanaiensis* Muir.  
*leahi* Kirkaldy. See *Ilburnia leahi* Kirkaldy.  
*lobeliae* Muir. See *Ilburnia lobeliae* Muir.  
*monticola* Kirkaldy. See *Ilburnia monticola* Kirkaldy.  
*montistantalus* Muir. See *Ilburnia montistantalus* Muir.  
*nephelias* Kirkaldy. See *Ilburnia nephelias* Kirkaldy.  
*nephrolepidis* Kirkaldy. See *Ilburnia nephrolepidis* Kirkaldy.  
*nesogunnerae* Muir. See *Ilburnia nesogunnerae* Muir.  
*nigriceps* Muir. See *Ilburnia nigriceps* Muir.  
*nubigena* Kirkaldy. See *Ilburnia nubigena* Kirkaldy.  
*oahuensis* Muir. See *Ilburnia oahuensis* Muir.  
*osborni* Muir. See *Ilburnia osborni* Muir.  
*palustris* Kirkaldy. See *Ilburnia palustris* Kirkaldy.  
*pele* Kirkaldy. See *Ilburnia pele* Kirkaldy.  
*perkinsi* Muir. See *Ilburnia perkinsi* Muir.  
*phyllostegiae* Muir. See *Ilburnia phyllostegiae* Muir.  
*pipturi* Kirkaldy. See *Ilburnia pipturi* Kirkaldy.  
*procellaris* Kirkaldy. See *Ilburnia procellaris* Kirkaldy.  
*pseudorubescens* Muir. See *Ilburnia pseudorubescens* Muir.  
*pulla* Muir (var.). See *Ilburnia rubescens* var. *pulla* Muir.  
*raillardiae* Kirkaldy. See *Ilburnia raillardiae* Kirkaldy.  
*rocki* Muir. See *Ilburnia rocki* Muir.  
*rubescens* Kirkaldy. See *Ilburnia rubescens* Kirkaldy.  
*rubescens* var. *pulla* Muir. See *Ilburnia rubescens* var. *pulla* Muir.  
*sharpi* Muir. See *Ilburnia sharpi* Muir.  
*sola* Muir. See *Ilburnia sola* Muir.  
*swezeyi* Muir. See *Ilburnia swezeyi* Muir.  
*timberlakei* Muir. See *Ilburnia timberlakei* Muir.  
*umbratica* Kirkaldy. See *Ilburnia umbratica* Kirkaldy.  
*wailupensis* Muir (*Nesosdyne*). See *Ilburnia neowailupensis* Muir.

### Genus NILAPALVATA

*Nilapalvata*. Typographical error for *Nilaparvata* Distant.

### Genus NILOPARVATA

*Niloparvata*. Typographical error for *Nilaparvata* Distant.

### Genus NODA Matsumura

*Noda* Matsumura. See *Matsumuranoda* Metcalf.

*karafutona* Matsumura. See *Matsumuranoda karafutona* Matsumura.

### Genus NUMATA Matsumura

*Numata* Matsumura. See *Unkana* Matsumura.

*sacchari* Matsumura. See *Unkana sacchari* Matsumura.

Genus **ONKELOS** Distant

*Onkelos* Distant. See *Punana* Muir.

*annulatus* Distant. See *Punana annulata* Distant.

Genus **OPICONSIVA** Distant

*Opiconsiva* Distant. See *Delphacodes* Fieber.

*balleata* Distant. See *Liburnia furcifera* Horváth.

*colorata* Distant. See *Liburnia furcifera* Horváth.

*derelecta* Distant. See *Liburnia furcifera* Horváth.

*fuscovaria* Distant. See *Delphacodes fuscovaria* Distant.

*gloriosa* Distant. See *Liburnia furcifera* Horváth.

*insularis* Distant. See *Liburnia furcifera* Horváth.

*modesta* Distant. See *Delphacodes distanti* Metcalf.

Genus **ORCHESMA** Melichar

*Orchesma* Melichar. See *Tropidocephala* Stål.

*marginepunctata* Melichar. See *Tropidocephala marginepunctata* Melichar.

*serendiba* Melichar. See *Tropidocephala serendiba* Melichar.

*speciosa* Bierman. See *Tropidocephala speciosa* Bierman.

*signata* Distant. See *Tropidocephala signata* Distant.

*viridula* Bierman. See *Tropidocephala viridula* Bierman.

Genus **PARALIBURNIA** Jensen-Haarup

*Paraliburnia* Jensen-Haarup. See *Delphacodes* Fieber.

*jacobseni* Jensen-Haarup. See *Delphacodes concolor* Fieber.

Genus **PERIDETHA** Amyot

*Peridetha* Amyot [non binom.]. See *Stiroma pteridis* Spinola.

Genus **PERIGRINUS**

*Perigrinus*. Typographical error for *Peregrinus* Kirkaldy.

Genus **PERIMECECER**

*Perimececer*. Typographical error for *Perimececera* Muir.

Genus **PERIMECER**

Genus *Perimecer*. Typographical error for *Perimececera* Muir.

Genus **PHACALASTOR** Kirkaldy

*Phacalastor* Kirkaldy. See *Dicranotropis* Fieber.

*koebeleri* Kirkaldy. See *Phyllodinus kirkaldyi* Metcalf.

*pseudomaidis* Kirkaldy. See *Dicranotropis pseudomaidis* Kirkaldy.

Genus **PHENICE** Westwood

*Phenice* Westwood. See *Phenice* Westwood. Family DERBIDAE.

Genus **PISSONATUS**

*Pissonatus*. Typographical error for *Pissonotus* Van Duzee.

Genus **PISSONOTES**

*Pissonotes*. Typographical error for *Pissonotus* Van Duzee.

Genus **PLATYBRACHUS**

*Platybrachus*. Typographical error for *Platybrachys* Bierman. See *Peliades* Jacobi.

Genus **PLATYBRACHYS** Bierman

*Platybrachys* Bierman. See *Peliades* Jacobi.

*platypoda* Bierman. See *Peliades platypodus* Bierman.

Genus **PROKELESIA**

*Prokelesia*. Typographical error for *Prokelisia* Osborn.

Genus **PROTEROSYDNE**

*Proterosydne*. Typographical error for *Proterosydne* Kirkaldy.

Genus **PSENDARAEOPUS**

*Psendaraeopus*. Typographical error for *Pseudaraeopus* Kirkaldy.

Genus **PTERIDETHA** Amyot

*Pteridetha* Amyot [non binom.]. See *Stiroma pteridis* Spinola.

*Pteridetha grisescens* Amyot [non binom.]. See *Stiroma pteridis* Spinola.

*Pteridetha nigra* Amyot [non binom.]. See *Stiroma pteridis* Spinola.

*Pteridetha pallida* Amyot [non binom.]. See *Stiroma pteridis* Spinola.

Genus **PYRILLA** Stål

*Pyrilla* Stål. See *Pyrilla* Stål. Family LOPHOPIDAE.

Genus **RHOTALA** Walker

*Rhotala* Walker. See *Rhotala* Walker. Family ACHILIDAE.

Genus **SACCHAROCYDNE**

*Saccharocydne*. Typographical error for *Saccharosydne* Kirkaldy.

Genus **SACEHALOCYDNE**

*Sacehalocydne*. Typographical error for *Saccharosydne* Kirkaldy.

Genus **SADIA**

*Sadia*. Typographical error for *Sardia* Melichar.

Genus **SAMARA**

*Samara*. Typographical error for *Smara* Distant. See *Tropidocephala* Stål.



Genus **SMARA** Distant

*Smara* Distant. See *Tropidocephala* Stål.

*atrata* Distant. See *Tropidocephala atrata* Distant.

*festiva* Distant. See *Tropidocephala festiva* Distant.

Genus **SMICROTODELPHAX**

*Smicrotodelphax*. Typographical error for *Smicrotadelphax* Kirkaldy.

Genus **SOGATA** Distant

*Sogata* Distant. See *Liburnia* Stål.

*albofimbriata* Muir. See *Liburnia albofimbriata* Muir.

*albovittata* Matsumura. See *Liburnia albovittata* Matsumura.

*anomala* Muir. See *Liburnia anomala* Muir.

*approximata* Crawford. See *Liburnia approximata* Crawford.

*aurantii* Crawford. See *Liburnia aurantii* Crawford.

*biangulata* Muir. See *Liburnia biangulata* Muir.

*braziliensis* Muir. See *Liburnia braziliensis* Muir.

*breviceps* Dozier. See *Liburnia breviceps* Dozier.

*capensis* Muir (var.). See *Liburnia furcifera* var. *capensis* Muir.

*cubana* Crawford. See *Liburnia cubana* Crawford.

*cubana* var. *pallida* Osborn. See *Liburnia cubana* var. *pallida* Osborn.

*distincta* Distant. See *Liburnia furcifera* Horváth.

*dohertyi* Distant. See *Liburnia dohertyi* Distant.

*eupompe* Kirkaldy. See *Liburnia eupompe* Kirkaldy.

*flaviceps* Muir. See *Liburnia flaviceps* Muir.

*flavina* Melichar. See *Liburnia flavina* Melichar.

*fulcifera*. Typographical error for *Sogata furcifera* Horváth. See *Liburnia furcifera* Horváth.

*furcifera* Horváth. See *Liburnia furcifera* Horváth.

*furcifera* var. *capensis* Muir. See *Liburnia furcifera* var. *capensis* Muir.

*furcifera* var. *kolophon* Kirkaldy. See *Liburnia furcifera* var. *kolophon* Kirkaldy.

*furcifera* var. *nigeriensis* Muir. See *Liburnia furcifera* var. *nigeriensis* Muir.

*hemifusca* Melichar. See *Liburnia hemifusca* Melichar.

*intrudens* Muir. See *Liburnia intrudens* Muir.

*kirkaldyi* Muir. See *Liburnia kirkaldyi* Muir.

*kolophon* Kirkaldy (var.) See *Liburnia furcifera* var. *kolophon* Kirkaldy.

*krügeri* Muir. See *Liburnia krügeri* Muir.

*maculigera* Stål. See *Liburnia maculigera* Stål.

*mexicana* Crawford. See *Liburnia mexicana* Crawford.

*nautica* Muir. See *Liburnia nautica* Muir.

*neovittacollis* Muir. See *Liburnia neovittacollis* Muir.

*nigeriensis* Muir (var.). See *Liburnia furcifera* var. *nigeriensis* Muir.

*nigricaudata* Muir. See *Liburnia nigricaudata* Muir.

*ochrias* Kirkaldy. See *Liburnia ochrias* Kirkaldy.

*orizicola* Muir. See *Liburnia orizicola* Muir.

*pallescens* Distant. See *Liburnia furcifera* Horváth.

*pallida* Osborn (var.). See *Liburnia cubana* var. *pallida* Osborn.

- paludata* Fowler. See *Liburnia paludata* Fowler.  
*paludum* Kirkaldy. See *Liburnia paludum* Kirkaldy.  
*parvula* Osborn. See *Liburnia parvula* Osborn.  
*placita* Van Duzee. See *Liburnia placita* Van Duzee.  
*pseudoseminigra* Muir and Giffard. See *Liburnia pseudoseminigra* Muir and Giffard.  
*pusana* Distant. See *Liburnia pusana* Distant.  
*quadrispinosa* Muir. See *Liburnia quadrispinosa* Muir.  
*rhodesia* Muir. See *Liburnia rhodesia* Muir.  
*sternalis* Distant. See *Liburnia sternalis* Distant.  
*thoracica* Distant. See *Delphacodes thoracica* Distant.  
*transversalis* Melichar. See *Liburnia transversalis* Melichar.  
*vanreeneni* Muir. See *Liburnia vanreeneni* Muir.  
*vittacollis*. Typographical error for *Sogata vitticollis* Stål. See *Liburnia vitticollis* Stål.  
*wallacei* Muir and Giffard. See *Liburnia wallacei* Muir and Giffard.  
*williamsi* Muir. See *Liburnia williamsi* Muir.

### Genus SOGOTA

*Sogota*. Typographical error for *Sogata* Distant. See *Liburnia* Stål.

### Genus STABAERA

*Stabaera*. Typographical error for *Stobaera* Stål.

### Genus STENOCARENUS

*Stenocarenus*. Typographical error for *Stenocranus* Fieber.

### Genus STENOCARENUS Sahlberg

*Stenocarenus* Sahlberg. See *Kelisia* Fieber.

- b* Sahlberg (var.) [*guttula*]. See *Kelisia guttula* var. *distincta* Metcalf.  
*c* Sahlberg (var.) [*guttula*]. See *Kelisia guttula* var. *fulva* Metcalf.  
*guttula* Sahlberg. See *Kelisia guttula* Germar.  
*guttula* var. *b* Sahlberg. See *Kelisia guttula* var. *distincta* Metcalf.  
*guttula* var. *c*. Sahlberg. See *Kelisia guttula* var. *fulva* Metcalf.  
*guttuliferus* Kirschbaum. See *Kelisia vittipennis* Sahlberg.  
*pallidulus* Sahlberg. See *Kelisia pallidula* Boheman.  
*perspicillatus* Boheman. See *Kelisia perspicillata* Boheman.

### Genus STENOCRANOIDES Reh

*Stenocranoides* Reh [nom. nud.] See *Saccharosydne* Kirkaldy.

*viridis* Reh [nom. nud.] See *Saccharosydne saccharivora* Westwood.

### Genus STENORAMUS

*Stenoramus*. Typographical error for *Stenocranus* Fieber.

### Genus STOBÆARA

*Stobæara*. Typographical error for *Stobaera* Stål.

### Genus STOBERA

*Stobera*. Typographical error for *Stobaera* Stål.

Genus **STONOCRANUS**

*Stonocranus*. Typographical error for *Stenocranus* Fieber.

Genus **STRIOMA**

*Strioma*. Typographical error for *Stiroma* Fieber.

Genus **SYNTAMES** Fowler

*Syntames* Fowler. See *Syntames* Fowler. Family DERBIDAE.

Genus **TRICRANONEURA** Horváth

*Tricranoneura* Horváth. See *Bostaera* Ball.

*bolivari* Melichar. See *Bostaera bolivari* Melichar.

Genus **UGIOPS**

*Ugiops*. Typographical error for *Ugyops* Guérin-Ménéville.

Genus **UGYOGS**

*Ugyogs*. Typographical error for *Ugyops* Guérin-Ménéville.





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