

GENERAL CATALOGUE
OF THE
HEMIPTERA

W. E. CHINA, *General Editor*
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FASCICLE IV
FULGOROIDEA

PART 10
ACHILIDAE

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FULGOROIDEA

PART 10

ACHILIDAE

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Z. P. METCALF

INTRODUCTION

The present catalogue of the Family Achilidae forms Part 10 of Fascicle IV of the General Catalogue of the Hemiptera of the World, which is devoted to the Superfamily Fulgoroidea.

CHARACTERS OF THE FAMILY ACHILIDAE

The Family Achilidae is one of the medium sized families of the Fulgoroidea. The present catalogue contains 77 genera and 224 species. Most of the species are fulgoroids of moderate size, with strongly depressed bodies and the tegmina usually overlapping beyond the apex of the clavus.

The head is usually small, narrow and short, frequently not over half as wide as the thorax, and very seldom produced into a distinct cephalic process. The vertex is sometimes broader than long, sometimes distinctly longer than broad, usually flat and separated from the frons by a distinct carina. The median carina may be present, indistinct or absent. The lateral margins may be strongly elevated or indistinct. The frons and clypeus are typically large, with a distinct median carina and lateral margins distinctly marginate. The compound eyes are usually large, with a distinct ventral sinus. The antennae are small, with the first segment usually short; the second globose or obovate; the flagellum moderately elongate. The paired lateral ocelli are situated on the lateral area of the head in front of the compound eyes.

The thorax is conspicuous, with the pronotum usually short and collar-like, sometimes more elongate and tricarinate. The mesonotum is large or very large, rhomboidal, tricarinate; with the anterior margin strongly projecting cephalad. The tegulae are usually large. The legs are usually slender and short. The hind tibiae somewhat elongate, with one or more short spines or without spines. Second segment of hind tarsi large, with a row of small, stout spines at the apex.

Tegmina always macropterous; the basal two thirds usually distinctly thickened, with the apical third usually distinctly separated from the basal area and overlapping, somewhat as in the Heteroptera. The venation is of a fairly constant pattern and may be described briefly as follows: Subcosta and radius united for a considerable distance from the base, the subcosta with two or more short branches to the costal margin frequently forming a more or less conspicuous stigma-like area. Radius unbranched until immediately before the apical margin, where it forms two short branches which resemble the branches of the subcosta and continue the series of short cross veins from the apex of the costa around the apical angle. The

radius is connected to media by two or more crossveins. These crossveins are frequently much shortened so that terminal branches of media may appear to be branches of radius. Media usually with three or more branches without constant arrangement. Cubitus 1 with two long branches usually connected by a distinct crossvein near the apical margin and cubitus 1a with a distinct crossvein to the sutural margin beyond the apex of the clavus. The clavus is short, with the claval veins united into a claval stem which unites with the apex of the clavus.

The hind wings are moderately large with relatively simple venation.

The male genitalia are somewhat reduced. The genital plates are small. The aedeagus is complex with an outer periandrium and a small inner penis.

CLASSIFICATION ADOPTED

The classification adopted in the present catalogue is the one proposed by Metcalf 1938.

Family **ACHILIDAE**

Subfamily **APATESONINAE**

Subfamily **ACHILINAE**

HISTORICAL RÉSUMÉ

The first species recognized in this family was *Flata collaris*, now *Plectoderes collaris* described and illustrated by Coquebert in 1801. In 1818 Kirby described the new genus *Achilus* for a species *flammeus* from Australia. Zetterstedt added a new species *Cicada confinis* now *Cixidia confinis* in 1828, and another *Cixius lapponicus* now *Epiptera lapponica* in 1840. Say in 1830 described three new species of *Flata* from the United States, which are now assigned to the genera *Epiptera* and *Catonia*. In 1839 Spinola reviewed the known fulgoroids of the world and included the new genera, *Plectoderes* and *Elidiptera*, with four new species. Amyot and Serville in 1843 proposed a new name *Helicoptera* for the latter. Unfortunately subsequent writers failed to realize that Duponchel in 1840 had selected *callosa* as the type of *Elidiptera* and that *callosa* was not congeneric with the Palearctic species which are now assigned to the genus *Epiptera*.

Stål in 1866 was the first to propose that the genera related to *Achilus* be grouped in a family and in his Hemiptera Africana he gave a key to the then known genera. He also added many new genera and species between the years 1855 and 1870. Walker also described several new genera between the years 1851 and 1858. He also added many new species to this family, but many of the new species which he assigned to the genus *Elidiptera* do not belong to this family. Subsequently Uhler, Van Duzee, Kirkaldy, Distant, Muir, Haupt, Fennah and others have amended the definition of the family.

Many authors have added new genera and species from various regions

of the world: Notably, Fitch, Uhler, and Van Duzee in the United States; Distant and Melichar for the Oriental Region; Fowler, Fennah and Uhler for Central America and the West Indies; Kirkaldy and Jacobi for Australia; and Uhler and Matsumura for the fauna of Japan and Formosa.

GEOGRAPHICAL DISTRIBUTION

The species of this family are widely distributed in all parts of the world save the extreme Arctic and Antarctic regions. This family reaches its greatest development, however, in the tropical regions and the warm temperate regions. Most of the species seem to be very highly localized in their distribution and are often overlooked in general collecting. Some of the North American species occur beneath the bark of decaying logs where they seem to feed on the fungi growing there. Other species, though they feed on trees and shrubs, seem to spend much time in the litter on the ground and can be overlooked easily in the usual methods of collecting. The faunas of North America, Central America, 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 superscript figures at the end of the lines, which correspond to geographic regions designated by the same superscript figures. 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, in view of the importance of island endemism.

FORM OF THE PRESENT CATALOGUE

This catalogue follows the general form of the present series. The family is divided into subfamilies, 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 sequence. Titles of books are not abbreviated but are condensed if they are unduly long. 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, Catalogue of Hemiptera of America North of Mexico, *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 parentheses 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. Typographical errors are indicated by placing "[sic]" after the misspelled name. All typographical errors, save those which refer to endings only, are appropriately cross-referred. 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. In the meantime persons interested in full bibliography may consult the author's Bibliography of the Homoptera (1945).

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.

An attempt has been made throughout this catalogue to interpret all references in the light of the period in which they were published. This is not always easy and leads perhaps to erroneous conclusions at times, but it is certainly much sounder from the standpoint of nomenclature than the tendency to evaluate references from previous decades in the light of present day practices and procedures.

Under the family and subfamily 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 subfamily ACHILINAE may be included in the family ACHILIDAE or in the sub-

family ACHILINAE, 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.

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Raleigh, North Carolina
December, 1946

LIST OF FAMILIES

- 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 **ACANOLONIIDAE** Amyot and Serville
Family **ISSIDAE** Spinola
Family **RICANIIDAE** Stål
Family **LOPHOPIDAE** Stål
Family **EURYBRACHIDAE** Stål

Family ACHILIDAE Stål

- Achilida* 1866 Stål, Hemiptera Africana 4: 130. *Family*. [Key.] :181. *Subfamily*. [Key to genera.]
- 1867 Dallas, Zool. Rec. 3: 558. [Key.]
- 1869 Stål, Handl. Svenska Vet. Akad. 8 (1): 95. *Family*. [Revision of the species described by Fabricius.]
- Achilina* 1870 Stål, Öfv. Svenska Vet. Akad. Förh. 27: 748. *Subfamily*. [Listed.]
- Achilides* 1871 Sahlberg, Not. Fennica (n.s.) 9 (12): 73. *Tribe*. [Key.] :386. [Described.]
- Achilidae* 1879 White, Ent. Monthly Mag. 15: 217. *Subfamily*. [A new genus from New Zealand.]
- Achilida* 1884 Uhler, Standard Natural History 2: 239. *Subfamily*. [Described.] :229. [Listed.]
- Achilina* 1886 Atkinson, Jour. Asiatic Soc. Bengal 55: 36. *Subfamily*. [Described.] Equals *Achilida*. :37, 41, 43. [Comparative notes.]
- Achilida* 1888 Uhler, Riverside Natural History 2: 239. *Subfamily*. [Described.] :229. [Listed.]
- Achilini* 1889 Ashmead, Ent. Americana 5: 23. *Tribe*. [Key, key to genera.]
- Achelidae* [sic] 1889 Van Duzee, Canadian Ent. 21: 7. *Subfamily*. [Listed.]
- Achilida* 1890 Hansen, Ent. Tidskr. 11: 42. [Morphology.]
- 1890 Scudder, Rept. United States Geol. Surv. Terr. 13: 297. *Subfamily*. [Listed.]
- Achilinae* 1891 Oshanian, Mém. Sect. Caucasienne Soc. Russe Geogr. 23 (1): 48. *Subfamily*. [Listed.]
- Achilida* 1892 Van Duzee, Trans. American Ent. Soc. 19: 296. *Subfamily*. [Listed.]
- 1894 Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 192. *Subfamily*. [Listed.]
- 1896 Uhler, Proc. United States Nat. Mus. 19: 281. *Subfamily*. [A new genus and a new species from Japan.]
- Achilidae* 1899 Haglund, Öfv. Svenska Vet. Akad. Förh. 56: 62. *Subfamily*. [New genera and species from Africa.]
- Achilida* 1900 Hansen, Entomologist 33: 171. [Morphology.]
- 1900 Matsumura, Ent. Nachr. 26: 209 (5). *Subfamily*. [Listed.]
- Achilidae* 1903 Melichar, Homopteren-Fauna von Ceylon 1903: 11. *Subfamily*. [Key.] :40, 223. [Listed.]
- 1904 Fowler, Biologia Centrali-Americana 1: 103. *Family*. [Notes, key to genera.] :80. [Listed.]
- Achilina* 1904 Fowler, Biologia Centrali-Americana 1: 103. [Key.]
- Achilinae* 1904 Hutton, Index Faunae Novae Zealandiae 1904: 225. *Subfamily*. [A list of genera and species from New Zealand.]
- Achilini* 1904 Swezey, Preliminary Catalogue of Fulgoridae of North America 1904: 20. *Tribe*. [Catalogue of North American genera and species.]
- Achilidae* 1905 Melichar, Wien. Ent. Zeit. 24: 285. *Subfamily*. [A new species from Africa.]
- Achilinae* 1906 Distant, Fauna of British India 3: 176. *Subfamily*. [Key.] :272. [Comparative note.] :286. [Described, key to genera.] Equals *Achilida*. Equals *Achilina*. Equals *Achilidae*.
- Achilida* 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 1 (9): 289. *Subfamily*. [Key.]
- Achilidae* 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 1 (9) :296, 314. *Family*. [Listed.] :417. [Key to Australian genera.]
- Achilinae* 1907 Bierman, Ent. Berichten 2: 162. [Listed.]
- 1907 Distant, Ann. Mag. Nat. Hist. (7) 19: 289. *Subfamily*. [New genera and species.] :416. [Listed.]
- 1907 Distant, Insecta Transvaaliensia 8: 194. *Subfamily*. [Listed.] :195. [Comparative note.]

- Achilini* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **3**: 10. *Tribe*. [Listed.] 95. [Notes.] :115. [Key to Australo-Fijian genera.]
- Achilina* 1907 Oshanin, Ann. Mus. Zool. St. Petersburg **12**: 250. *Subfamily*. [Catalogue of Palearctic genera and species.] Equals *Achilinae*. Equals *Achilidae*. Equals *Achilides*. Equals *Achilida*.
- Achilinae* 1907 Van Duzee, Bull. Buffalo Soc. Nat. Sci. **8** (5): 35. *Subfamily*. [Listed.]
- Achilida* 1908 Bierman, Notes Leyden Mus. **29**: 154. [Listed.]
- Achilinae* 1908 Van Duzee, Proc. Acad. Nat. Sci. Philadelphia **1907**: 468. *Subfamily*. [Key.] :475. [Listed.]
- Achilinae* 1909 Distant, Ann. Mag. Nat. Hist. (8) **4**: 338. *Subfamily*. [Listed.]
- Achilinae* 1909 Lefroy and Howlett, Indian Insect Life **1909**: 726. [Notes.]
- Achilinae* [sic] 1909 Van Duzee, Bull. Buffalo Soc. Nat. Sci. **9**: 187. [Listed.]
- Achilinae* 1910 Banks, Philippine Jour. Sci. **5**: 39. *Subfamily*. [Listed.]
- Achilidae* 1910 Bierman, Notes Leyden Mus. **33**: 18. *Family*. [Listed.]
- Achilinae* 1910 Jacobi, Schwedischen Zoologischen Expedition Kilimandjaro **1910**: 105. *Subfamily*. [New genera and species from Africa.]
- Achilina* 1910 Oshanin, Ann. Mus. Zool. St. Petersburg **15**: 182. *Subfamily*. [Taxonomy.] Equals *Achilini*.
- Achilidae* 1911 Horváth, Ann. Mus. Nat. Hungarici **9**: 31. [Taxonomy.] Equals *Fulgorida* Subfamily *Achilida*. Equals *Fulgorina* Subfamily *Achilina*. Equals *Fulgorina* Tribe *Achilides*. Equals *Fulgoridae* Subfamily *Achilidae*.
- Achilinae* 1912 Distant, Ann. Mag. Nat. Hist. (8) **9**: 186. *Subfamily*. [New genera and species.]
- Achilidae* 1912 Oshanin, Katalog paläarktischen Hemipteren **1912**: 120. *Family*. [List of Palearctic genera and species.]
- Achilida* 1913 Metcalf, Ann. Ent. Soc. America **6**: 348. *Subfamily*. [Wing venation.]
- Achilidae* 1913 Oshanin, Rev. Russe d'Ent. **13**: 136 (2). *Family*. [Note.]
- Achilini* 1913 Oshanin, Rev. Russe d'Ent. **13**: 136 (2). *Tribe*. [Note.]
- Achilidae* 1913 Oshanin, Faune Russie **3** (1): 6. [Notes.]
- Achilini* 1913 Oshanin, Faune Russie **3** (1): 6. [Notes.]
- Achilinae* 1914 Distant, Trans. Zool. Soc. London **20**: 349. *Subfamily*. [New species from New Guinea.]
- Achilinae* 1914 Matsumura, Ann. Mus. Nat. Hungarici **12**: 270. [New genera and species from Japan.]
- Achilinae* 1914 Melichar, Notes Leyden Mus. **36**: 97. *Subfamily*. [Listed.]
- Achilinae* 1914 Melichar, Philippine Jour. Sci. **9**: 176. *Subfamily*. [New species from Philippine Islands.]
- Achilidae* 1915 Brues and Melander, Key to Families of North American Insects. **1915**: 75. [Key.] :4. [Listed.]
- Achirinae* [sic] 1915 Matsumura, Trans. Sapporo Nat. Hist. Soc. **5**: 158. [Listed.]
- Achilinae* 1915 Matsumura, Trans. Sapporo Nat. Hist. Soc. **5**: 184. [Listed.]
- Achilinae* [sic] 1915 Metcalf, Jour. Elisha Mitchell Soc. **31**: 45 (13). [List of species from North Carolina.]
- Achilinae* 1915 Muir, Proc. Hawaiian Ent. Soc. **3**: 117. [Notes.]
- Achilinae* 1915 Schumacher, Mitt. Zool. Mus. Berlin **8**: 118. *Subfamily*. [List of genera and species from Formosa.]
- Achilinae* 1916 Distant, Fauna of British India **6**: 55. *Subfamily*. [New genera and species from India.]
- Achilidae* 1916 Oshanin, Horae Soc. Ent. Rossicae **42**: 89. *Family*. [Bibliography.]
- Achilinae* 1916 Van Duzee, Check List of Hemiptera of America North of Mexico **1916**: 79. *Subfamily*. [List of genera and species from North America.]
- Achilinae* 1917 Distant, Trans. Linn. Soc. London Zool. **17**: 286. *Subfamily*. [Listed.]
- Achilinae* 1917 Van Duzee, Catalogue of Hemiptera of North America North of Mexico. **1917**: 726. *Subfamily*. [Catalogue of North American genera and species.] Equals *Achilida*. Equals *Achilina*. Equals *Achilini*. Equals *Achilidae*.
- Achilidae* 1918 de Bergevin, Bull. Soc. Hist. Nat. Afrique du Nord **9**: 185. [Listed.]

Achilidae

- 1920 Tullgren and Wahlgren, Svenska Insekter **1920**: 153. *Family*. [Notes.] :140. [Key.]
- 1921 Muir, Proc. Hawaiian Ent. Soc. **4**: 565, 571. [Listed.]
- 1922 Kershaw and Muir, Ann. Ent. Soc. America **15**: 209. *Family*. [Morphology of genitalia.]
- 1922 Muir, Rec. Indian Mus. **24**: 352. *Family*. [New genera and species from India.]
- Achilinae* 1923 Delétang, An. Mus. Buenos Aires **31**: 582. [Key.]
- 1923 Metcalf, Jour. Elisha Mitchell Soc. **38**: 144, 145. *Subfamily*. [Morphology.] :158. [Key, key to North American genera and species.]
- Achilidae* 1923 Muir, Philippine Jour. Sci. **22**: 171. [A new species from Sumatra.] :483. [Note.]
- 1923 Muir, Proc. Hawaiian Ent. Soc. **5**: 220. *Family*. [Key.] :232. [Described.] Equals *Achilida*. :246; Pl. VIII. [Phylogeny, illustrated.]
- Achilinae* 1923 Van Duzee, Bull. Connecticut Geol. Nat. Hist. Surv. **34**: 29. *Subfamily*. [Described, key to genera.] :26. [Key.]
- Achilidae* 1924 Lindberg, Acta Soc. Fauna Flora Fennica **56**: 40. *Family*. [Listed.]
- 1924 Muir, Mem. Queensland Mus. **8**: 32. *Family*. [Listed.]
- Achilinae* 1925 Handlirsch, Schröder's Handbuch der Entomologie **3** (17-18): 1107. *Subfamily*. [Key.] :1108. [Described.]
- Achilini* 1925 Handlirsch, Schröder's Handbuch der Entomologie **3** (17-18): 1108. *Tribe*. [Described.] Equals *Achilinae*. Equals *Achilidae*. Equals *Achilides*. Equals *Achilina*. Equals *Achilida*.
- Achilidae* 1925 Muir, Pan-Pacific Ent. **1**: 98. [Listed.]
- 1925 Singh-Pruthi, Trans. Ent. Soc. London **1925**: 227. *Family*. [Listed.] :232; Text fig. 2. [Phylogeny, illustrated.]
- Achilinae* 1926 Haupt, Philippine Jour. Sci. **29**: 440. *Subfamily*. [Described.]
- 1926 Schmidt, Treubia **7**: 234. *Subfamily*. [Listed.]
- Achilidae* 1926 Tillyard, Insects of Australia and New Zealand **1926**: 165. *Family*. [Key.] :169. [Described.]
- Achilinae* 1927 Downes, Proc. Ent. Soc. British Columbia **1927**: 21. *Subfamily*. [A list of species from British Columbia.]
- Achilidae* 1927 Muir, Insects of Samoa and other Samoan Terrestrial Arthropoda **1** (2): 3. [List of species from Samoa.] :18. [Notes.]
- Achilinae* 1928 Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 21. *Subfamily*. [Key.] :42. [Described.] Equals *Achilida*. :9. [Listed.]
- 1928 Jacobi, Arkiv Zool. **19** (28): 25. *Subfamily*. [New genera and species from Australia.]
- 1928 Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. **101**: 176. *Subfamily*. [List of species from New York.]
- Achilidae* 1928 Myers, Studies on Cuban Insects **1928**: 24. [Listed.]
- Achilinae* 1929 Haupt, Proc. Int. Zool. Congr. **10**: 1073. [Taxonomy.]
- 1929 Haupt, Zool. Jahrb. Syst. Ökol. **58**: 194. *Subfamily*. [Key.] :196. [Key to European genera.]
- Achilidae* 1929 Lindberg, Comm. Biol. **3** (6): 14. [Listed.]
- 1929 Luigioni, Atti Pontificia Accad. Sci. Nuovi Lincei **82**: 220 (22). [Listed.]
- 1930 Muir, Ann. Mag. Nat. Hist. (10) **6**: 465. [Key.] :474. [Described.]
- 1932 Brues and Melander, Bull. Mus. Comp. Zool. Harvard Coll. **73**: 119. [Key.] :19. [Listed.]
- 1932 Esaki, Lecture on Leafhoppers **1932**: 2. [Listed.]
- 1932 Kato, Monograph of Cicadidae **1932**: 139. *Family*. [Listed.]
- 1933 Kato, Ent. World **1**: 468. *Family*. [A new species from Formosa.]
- 1934 de Bergevin, Mem. Soc. Hist. Nat. Afrique du Nord **4**: 131. *Family*. [List of species from Sahara Desert.]
- Achilinae* 1934 Chatterjee and Bose, Indian For. Rec. **19** (8): 4. *Subfamily*. [Listed.]
- 1934 Heaton, Bull. Brooklyn Ent. Soc. **29**: 109. *Subfamily*. [List of species from Indiana.]

- Achilidae* 1934 Muir, Ann. Mag. Nat. Hist. (10) **14**: 581. [Listed.]
 1934 Okamoto, Ent. World **2**: 404. [Listed.]
 1934 Ossiannilsson, Ent. Tidskr. **55**: 139. *Family*. [Listed.]
- Achilinae* 1935 Haupt, Die Tierwelt Mitteleuropas **4** (3): 121. *Subfamily*. [Key.] :124. [Listed.]
 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands **14**: 193. *Subfamily*. [Key.] :194. [Listed.]
- Achilidae* 1935 Wu, Catalogus Insectorum Sinensium **2**: 105. *Family*. [Catalogued.]
 Equals *Achilinae*. Equals *Achilina*. Equals *Achilides*. Equals *Achilida*.
- 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 281. *Family*. [Key.] :367. [Described, key to genera.]
- Achilinae* 1938 Osborn, Bull. Ohio Biol. Surv. **6**: 285. *Subfamily*. [Key.] :292. [Described, key to genera.]
- Achilidae* 1939 Metcalf, Jour. Soc. Bibl. Nat. Hist. **1**: 247. *Family*. [Listed.]
- Achilinae* 1940 Matsumura, Ins. Matsumurana **15**: 36. *Subfamily*. [List of species from Japan and Formosa.]
 1940 Müller, Zoologica, Stuttgart **36** (1-2): 20. *Subfamily*. [Symbionts.]
- Achilidae* 1941 Jacobi, Zool. Jahrb. Syst. Ökol. **74**: 294. *Family*. [New genera and species from the East Indies.]
 1941 Williams, Bull. Chicago Acad. Sci. **6**: 76. *Family*. [Listed.]
 1942 da Costa Lima, Insectos do Brasil **3**: 39. [Key.]
 1942 de Seabra, Mem. Est. Mus. Zool. Univ. Coimbra **121**: 11. [Listed.]
 1944 Fennah, Proc. Ent. Soc. Washington **46**: 189, 190. [Venation.]
 1945 Fennah, Proc. United States Nat. Mus. **96**: 102. [Listed.]

Subfamily **APATESONINAE** Metcalf

- Apatesoninae* 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 369. *Subfamily*. [Described.]
 1939 Metcalf, Jour. Soc. Bibl. Nat. Hist. **1**: 247. [Listed.]
- Apatesonine* [sic] 1944 Fennah, Proc. Ent. Soc. Washington **46**: 190. [Venation.]
- Apatesoninae* 1945 Fennah, Proc. United States Nat. Mus. **96**: 102. [Listed.]

Genus **ATESON** Metcalf

- Orthotype *Ateson marmoratum* [n. sp.] 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Zool. **82**: 369.
- Type *A[teson] marmoratum* 1945 Fennah, Proc. United States Nat. Mus. **96**: 120.
- Ateson* 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 369. [gen. n., comparative note.] :367. [Key.]
 1945 Fennah, Proc. United States Nat. Mus. **96**: 102. [Catalogued.]

fuscum Metcalf

- 1938 *Ateson fuscum* Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: Panama⁴
 370; Pls. 2, 8, 9, 16, 22. [n. sp., illustrated.]¹

luteospersum Fennah

- 1945 *Ateson luteospersum* Fennah, Proc. United States Nat. Mus. **96**: Panama⁴
 103; Pl. 3, Figs. 48, 49. [n. sp., illustrated.]¹

marmoratum Metcalf

- 1938 *Ateson marmoratum* Metcalf, Bull. Mus. Comp. Zool. Harvard Panama⁴
 Coll. **82**: 370; Pls. 2, 15, 22. [n. sp., illustrated.]¹ :370, 371. [Comparative note.]

Ateson—*Apateson*—*Achilinae*—*Agandecca*

- 1945 *Ateson marmoratum* Fennah, Proc. United States Nat. Mus. **96**: 103; Pl. 3, Figs. 50–54. [Catalogued, note, illustrated.]

semiluteum Fennah

- 1945 *Ateson semiluteum* Fennah, Proc. United States Nat. Mus. **96**: Para¹
102; Pl. 3, Figs. 42–47. [n. sp., illustrated.]^{1,2} Brazil²

Genus **APATESON** Fowler

Haplotype *Apateson albomaculatum* [n. sp.] 1900 Fowler, Biologia Centrali-Americana **1**: 70.

Haplotype *Apateson albomaculatum* 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 369.

- Apateson* 1900 Fowler, Biologia Centrali-Americana **1**: 70. [gen. n.] :65. [Key.]
1902 Waterhouse, Index Zoologicus **1902**: 26. [Listed.]
1926 Schulze, Kükenthal and Heider, Nomenclator Animalium. **1** (2): 222. [Listed.]
1930 Muir, Ann. Mag. Nat. Hist. (10) **6**: 474. [Listed.]
1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 367. [Key.] :369. [Note.]
1939 Neave, Nomenclator Zoologicus **1**: 240. [Listed.]

albomaculatum Fowler

- 1900 *Apateson albomaculatum* Fowler, Biologia Centrali-Americana **1**: Tabasco¹
70; Pl. 8, Figs. 15, 15a. [n. sp., illustrated.]^{1,2,3,4} Yucatan²
1909 *Apateson albomaculatum* Distant, Ann. Mag. Nat. Hist. (8) **4**: Nicaragua³
338. [Notes.] Panama⁴
1938 *Apateson albomaculatum* Metcalf, Bull. Mus. Comp. Zool. Har- Mexico⁵
vard Coll. **82**: 369; Pls. 9, 15. [Described, illustrated.]^{3,4,5,6} British
Honduras⁶

Subfamily **ACHILINAE** Metcalf

- Achilinae* 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 371. *Subfamily*. [De-
scribed.]
1939 Metcalf, Jour. Soc. Bibl. Nat. Hist. **1**: 247. [Listed.]

Genus **AGANDECCA** White

Haplotype *Agandecca annectens* [n. sp.] White, Ent. Monthly Mag. **15**:
217

- Agandecca* 1879 White, Ent. Monthly Mag. **15**: 217. [gen. n.]
1882 Scudder, Bull. United States Nat. Mus. **19**: 8, 10. [Listed.]
1898 Hutton, Trans. New Zealand Inst. **30**: 185. [Key.]
1904 Hutton, Index Faunae Novae Zealandiae **1904**: 225. [Listed.]
1909 Kirkaldy, Trans. New Zealand Inst. **41**: 29. [Listed.]
1926 Schulze, Kükenthal and Heider, Nomenclator Animalium **1** (1): 77. [Listed.]
1932 Brues and Melander, Bull. Mus. Comp. Zool. Harvard Coll. **73**: 119. [Listed.]
1939 Neave, Nomenclator Zoologicus **1**: 83. [Listed.]

annectens White

- 1879 *Agandecca annectens* White, Ent. Monthly Mag. **15**: 218. [n. sp.]¹ New Zealand¹
1898 *Agandecca annectens* Hutton, Trans. New Zealand Inst. **30**: 187.
[Described.]¹
1904 *Agandecca annectens* Hutton, Index Faunae Novae Zealandiae **1904**: 225. [Listed.]¹

- 1909 [*Agandecca*] *annectens* Kirkaldy, Trans. New Zealand Inst. **41**: 29. [Listed.]¹
 1926 *Agandecca annectens* Tillyard, Insects of Australia and New Zealand **1926**: 169.
 [Listed.]¹

Genus **AKOTROPIS** Matsumura

Logotype *Akotropis fumata* Matsumura.

- Akotropis* 1914 Matsumura, Ann. Mus. Nat. Hungarici **12**: 270. [gen. n.]
 1915 Schumacher, Mitt. Zool. Mus. Berlin **8**: 118. [List of species from Formosa
 1925 Muir, Pan-Pacific Ent. **1**: 159. [Notes.]
 1926 Schulze, Kükenthal and Heider, Nomenclator Animalium **1** (1): 94. [Listed.]
 1939 Neave, Nomenclator Zoologicus **1**: 100. [Listed.]

flaveola Matsumura

- 1914 *Akotropis flaveola* Matsumura, Ann. Mus. Nat. Hungarici **12**: Cochin China¹
 271. [n. sp.]¹

fumata Matsumura

- 1914 *Akotropis fumata* Matsumura, Ann. Mus. Nat. Hungarici **12**: Kyushu¹
 270; Figs. 4a-e. [n. sp., illustrated.]^{1,2,3} :271, 272. [Comparative Formosa²
 note.] Hong Kong³
 1915 *Akotropis fumatus* [sic] Matsumura, Trans. Sapporo Nat. Hist. Korea⁴
 Soc. **5**: 158, 184. [Listed.]⁴
 1915 *Akotropis fumata* Schumacher, Mitt. Zool. Mus. Berlin **8**: 118. [Listed.]^{1,2,3}
 1925 *Akotropis fumata* Muir, Pan-Pacific Ent. **1**: 159. [Note.]

malayana Matsumura

- 1914 *Akotropis malayana* Matsumura, Ann. Mus. Nat. Hungarici **12**: Singapore¹
 271. [n. sp.]^{1,2} Ceylon²

nitobei Matsumura

- 1914 *Akotropis nitobei* Matsumura, Ann. Mus. Nat. Hungarici **12**: 272. Formosa¹
 [n. sp.]¹
 1915 *Akotropis nitobei* Schumacher, Mitt. Zool. Mus. Berlin **8**: 118. [Listed.]¹

striatella Matsumura

- 1914 *Akotropis striatella* Matsumura, Ann. Mus. Nat. Hungarici **12**: Formosa¹
 272. [n. sp.]¹
 1915 *Akotropis striatella* Schumacher, Mitt. Zool. Mus. Berlin **8**: 118. [Listed.]¹

Genus **AMBLYCRATUS** Uhler

Haplotype *Amblycratus pallidus* [n. sp.] 1895 Uhler, Proc. Zool. Soc.
 London **1895**: 64.

Haplotype *Amblycratus pallidus* 1938 Metcalf, Bull. Mus. Comp. Zool.
 Harvard Coll. **82**: 378.

- Amblycratus* 1895 Uhler, Proc. Zool. Soc. London **1895**: 64. [gen. n.]
 1902 Waterhouse, Index Zoologicus **1902**: 15. [Listed.]
 1903 Henshaw, Psyche **10**: 227. [Listed.]
 1925 Muir, Pan-Pacific Ent. **1**: 161. [Listed.]
 1926 Schulze, Kükenthal and Heider, Nomenclator Animalium **1** (1): 127.
 [Listed.]

Amblycratus—*Aneipo*

- 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 358. [Key.] :377.
[Comparative note.] :378. [Described.]
1939 Neave, Nomenclator Zoologicus **1**: 137. [Listed.]

fuscolineatus Fowler

- 1904 *Plectoderes fuscolineatus* Fowler, Biologia Centrali-Americana **1**: Tabasco¹
111; Pl. 11, Figs. 27, 27a. [n. sp., illustrated.]¹ Canal Zone²
1910 [*Catonia fuscolineata*] Van Duzee, Canadian Ent. **42**: 264. Equals
[*Plectoderes*] *fuscolineatus*.
1938 *Amblycratus fuscolineatus* Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 379;
Pls. 10, 15, 22. [Note, illustrated, comparative note.]² Equals *Plectoderes fuscolinea-*
tus Fowl.

fuscus Metcalf

- 1938 *Amblycratus fuscus* Metcalf, Bull. Mus. Comp. Zool. Harvard Canal Zone¹
Coll. **82**: 379; Pl. 22. [n. sp., illustrated.]¹

pallidus Uhler

- 1895 *Amblycratus pallidus* Uhler, Proc. Zool. Soc. London **1895**: 64. [n. St. Vincent
sp.]¹ Island¹
1903 *Amblycratus pallidus* Henshaw, Psyche **10**: 227. [Listed.]¹

Genus **ANEIPO** Kirkaldy

- Haplotype *Aneipo diva* [n. sp.] 1906 Kirkaldy, Bull. Hawaiian Sugar
Pl. Assoc. Div. Ent. **1** (9): 425.

[*Tudea* Distant]

- [Orthotype *Tudea picturata* [n. sp.] 1907 Distant, Ann. Mag. Nat.
Hist. (7) **19**: 290.]

- Aneipo* 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **1** (9): 425. [gen. n.] :314,
418. [Listed.]
Tudea 1907 Distant, Ann. Mag. Nat. Hist. (7) **19**: 290. [gen. n.]
Aneipo 1907 Distant, Ann. Mag. Nat. Hist. (7) **19**: 416. [Listed.] Equals *Tudea* Dist.
1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **3**: 115. [Ley.] :121. [Listed.]
Equals *Tudea* Dist.
1912 Waterhouse, Index Zoologicus No. II **1912**: 16. [Listed.]
Tudea 1912 Waterhouse, Index Zoologicus No. II **1912**: 311. [Listed.]
Aneipo 1926 Schulze, Kükenthal and Heider, Nomenclator Animalium. **1** (2): 179. [Listed.]
1928 Jacobi, Arkiv Zool. **19** (28): 26. [Comparative note.] Equals *Tudea* Dist.
1939 Neave, Nomenclator Zoologicus **1**: 193. [Listed.]
Tudea 1940 Neave, Nomenclator Zoologicus **4**: 589. [Listed.]

diva Kirkaldy

- 1906 *Aneipo diva* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. Queensland¹
1 (9): 425. [n. sp.]¹
1907 *Tudea picturata* Distant, Ann. Mag. Nat. Hist. (7) **19**: 290. [n. sp.]¹
1907 *Aneipo diva* Distant, Ann. Mag. Nat. Hist. (7) **19**: 416. [Listed.]¹ Equals *Tudea*
picturata Dist.
1907 *Aneipo diva* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **3**: 121. [Listed.]
Equals *Tudea picturata* Dist.

Genus OKATROPIS Matsumura

Orthotype *Okatropis rubrostigma* [n. sp.] 1914 Matsumura, Ann. Mus. Nat. Hungarici 12: 272.

- Okatropis 1914 Matsumura, Ann. Mus. Nat. Hungarici 12: 272. [gen. n.]
 1915 Schumacher, Mitt. Zool. Mus. Berlin 8: 118. [Listed.]
 1933 Schulze, Kükenthal and Heider, Nomenclator Animalium 4 (17): 2324. [Listed.]
 1940 Neave, Nomenclator Zoologicus 3: 400. [Listed.]

lineola Matsumura

1914 *Okatropis lineola* Matsumura, Ann. Mus. Nat. Hungarici 12: 274. Caucasus¹ [n. sp.]¹

rubrostigma Matsumura

- 1914 *Okatropis rubrostigma* Matsumura, Ann. Mus. Nat. Hungarici 12: 273; Figs. 5a–e. [n. sp., illustrated.]^{1,2} :274. [Comparative note.] Honshu¹ Formosa²
 1915 *Okatropis rubrostigma* Schumacher, Mitt. Zool. Mus. Berlin 8: 118. [Listed.]^{2,3} Japan³
 1932 *Okatropis rubrostigma* Esaki, Iconographia Insectorum Japonicorum 1932: [1786]; 1 fig. [Described, illustrated.]³

Genus APHYPIA Melichar

Haplotype *Aphygia longipennis* [n. sp.] 1908 Melichar, Čas. České Spol. Ent. 5: 6.

- Aphygia 1908 Melichar, Čas. České Spol. Ent. 5: 6. [gen. n.]
 1912 Waterhouse, Index Zoologicus No. II 1912: 21. [Listed.]
 1926 Schulze, Kükenthal and Heider, Nomenclator Animalium 1 (2): 232. [Listed.]
 1939 Neave, Nomenclator Zoologicus 1: 251. [Listed.]

longipennis Melichar

1908 *Aphygia longipennis* Melichar, Čas. České Spol. Ent. 5: 7; Figs. 3a–b. Kenya¹ [n. sp., illustrated.]¹

Genus ARGELEUSA Kirkaldy

Haplotype *Argeleusa kurandae* [n. sp.] 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent 1 (9): 423.

- Argeleusa 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 1 (9): 423. [gen. n.] :418. [Key.] :314. [Listed.]
 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 3: 116. [Key.]
 1912 Waterhouse, Index Zoologicus No. II 1912: 25. [Listed.]
 1922 Metcalf, Canadian Ent. 54: 263. [Notes.]
Angelusa [sic] 1922 Muir, Canadian Ent. 54: 61. [Comparative note.]
 Argeleusa 1926 Schulze, Kükenthal and Heider, Nomenclator Animalium 1 (2): 268. [Listed.]
 1939 Neave, Nomenclator Zoologicus 1: 289. [Listed.]

kurandae Kirkaldy

1906 *Argeleusa kurandae* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 1 (9): 423. [n. sp.] :314. [Listed.] Queensland¹

Aristyllis—*Gordiacea*Genus **ARISTYLLIS** Kirkaldy

Orthotype *Aristyllis aristyllis* [n. sp.] 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 1 (9): 418.

- Aristyllis* 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 1 (9): 418. [gen. n., key to species.] :417. [Key.] :420. [Comparative note.] :314. [Listed.]
 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 3: 115. [Key.] :121. [Listed.]
 1912 Waterhouse, Index Zoologicus No. II 1912: 25. [Listed.]
 1916 Oshanin, Horae Soc. Ent. Rossicae 42: 89. [Bibliography.]
 1926 Schulze, Kükenthal and Heider, Nomenclator Animalium 1 (2): 277. [Listed.]
 1939 Neave, Nomenclator Zoologicus 1: 299. [Listed.]

adippe Kirkaldy

- 1906 *Aristyllis adippe* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Queensland¹ Ent. 1 (9): 420. [n. sp.]¹ :419. [Key.] :314. [Listed.]
 1907 *Aristyllis adippe* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 3: 121; Pl. IX, Figs. 5, 6. [Notes, illustrated.]

aristyllis Kirkaldy

- 1906 *Aristyllis aristyllis* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Queensland¹ Div. Ent. 1 (9): 419. [n. sp., key.]¹ :314. [Listed.]
 1907 *Aristyllis aristyllis* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 3: 121; Pl. IX, Figs. 3, 4. [Illustrated.]
 1928 *Aristyllis aristyllis* Jacobi, Arkiv Zool. 19 (28): 25. [Notes.]¹

omphale Kirkaldy

- 1906 *Aristyllis omphale* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Queensland¹ Ent. 1 (9): 419. [n. sp., key.]¹ :314. [Listed.]
 1907 *Aristyllis omphale* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 3: 121; Pl. IX, Figs. 1, 2. [Illustrated.]

Genus **GORDIACEA** Metcalf

Gordiacea nom. nov. for *Gordia* Melichar 1903 [nec *Gordia* Emmons 1844]

Orthotype *Gordia oculata* Melichar.

[*Gordia* Melichar]

[Haplotype *Gordia oculata* [n. sp.] 1903 Melichar, Homopteren-Fauna von Ceylon 1903: 43.]

[Type *Gordia oculata* 1916 Distant, Fauna of British India 6: 55.]

- Gordia* 1903 Melichar, Homopteren-Fauna von Ceylon 1903: 43. [gen. n.] :223. [Listed.]
 1912 Waterhouse, Index Zoologicus No. II. 1912: 118. [Listed.]
 1916 Distant, Fauna of British India 6: 55. [Described.]
 1922 Muir, Rec. Indian Mus. 24: 353. [Comparative note.]
 1929 Schulze, Kükenthal and Heider, Nomenclator Animalium 3 (11): 1405. [Listed.]
 1939 Neave, Nomenclator Zoologicus 2: 506. [Listed.]

oculata Melichar

- 1903 *Gordia oculata* Melichar, Homopteren-Fauna von Ceylon 1903: Ceylon¹ 43. [n. sp.]¹ :223. [Listed.]¹ India²

- 1906 *Gordia oculata* Distant, Fauna of British India **3**: 294. [Listed.]¹
 1916 *Gordia oculata* Distant, Fauna of British India **6**: 55; Fig. 39. [Described, illustrated.]¹
 1934 *Gordia oculata* Chatterjee and Bose, Indian For. Rec. **19** (8): 4. [Listed.]^{1,2}

Genus **HAMBA** Distant

Orthotype *H[amba] perplexa* 1907 Distant, Ann. Mag. Nat. Hist. (7) **19**: 279.

- Hamba 1907 Distant, Ann. Mag. Nat. Hist. (7) **19**: 279. [gen. n.]
 1912 Waterhouse, Index Zoologicus No. II **1912**: 122. [Listed.]
 1925 Muir, Pan-Pacific Ent. **1**: 161. [Listed.]
 1930 Schulze, Kükenthal and Heider, Nomenclator Animalium **3** (12): 1460. [Listed.]
 1939 Neave, Nomenclator Zoologicus **2**: 560. [Listed.]

inclinata Walker

- 1857 *Cixius inclinatus* Walker, Jour. Proc. Linn. Soc. **1**: 147. [n. sp.]¹ Borneo¹
 1859 *Cixius inclinatus* Dohrn, Catalogus Hemipterorum **1859**: 61. [Listed.]¹
 1859 *Cixius inclinatus* Walker, Natuurk. Tijdschr. Nederlandsch Indië **19**: 368. [n. sp.]¹
 1907 *Hamba inclinata* Distant, Ann. Mag. Nat. Hist. (7) **19**: 280. [Listed.]¹ Equals *Cixius inclinatus* Walk.

perplexa Walker

- 1857 *Cixius perplexus* Walker, Jour. Proc. Linn. Soc. **1**: 147. [n. sp.]¹ Borneo¹
 1858 *Cixius perplexus* Walker, List of Homopterous Insects. Supplement **1858**: 80. [Listed.]¹
 1859 *Cixius perplexus* Dohrn, Catalogus Hemipterorum **1859**: 61. [Listed.]¹
 1907 *Hamba perplexa* Distant, Ann. Mag. Nat. Hist. (7) **19**: 280. [Listed.]¹ Equals *Cixius perplexus* Walk.

Genus **BENELLA** Kirkaldy

Haplotype *Benella aliena* [n. sp.] 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **1** (9): 420.

- Benella 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **1** (9): 420. [gen. n.] :418. [Key.] :314. [Listed.]
 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **3**: 116. [Key.]
 1912 Waterhouse, Index Zoologicus No. II **1912**: 35. [Listed.]
 1926 Schulze, Kükenthal and Heider, Nomenclator Animalium **1** (3): 393. [Listed.]
 1939 Neave, Nomenclator Zoologicus **1**: 418. [Listed.]

aliena Kirkaldy

- 1906 *Benella aliena* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. New South Wales¹
 Ent. **1** (9): 420. [n. sp.]¹ :314. [Listed.]

Genus **BETATROPIS** Matsumura

Orthotype *Betatropis formosana* [n. sp.] 1914 Matsumura, Ann. Mus. Nat. Hungarici **12**: 274.

- Betatropis 1914 Matsumura, Ann. Mus. Nat. Hungarici **12**: 274. [gen. n.]
 1915 Schumacher, Mitt. Zool. Mus. Berlin **8**: 118. [List of species from Formosa.]

Betatropis—*Booneta*—*Achilia*—*Achilus*

- 1926 Schulze, Kükenthal and Heider, Nomenclator Animalium **1** (3): 398.
[Listed.]
1939 Neave, Nomenclator Zoologicus **1**: 424. [Listed.]

formosana Matsumura

- 1914 *Betatropis formosana* Matsumura, Ann. Mus. Nat. Hungarici **12**: Formosa¹
275; Figs. 6a–e. [n. sp., illustrated.]¹:276. [Comparative note.]
1915 *Betatropis formosana* Schumacher, Mitt. Zool. Mus. Berlin **8**: 118. [Listed.]¹

horishana Matsumura

- 1914 *Betatropis horishana* Matsumura, Ann. Mus. Nat. Hungarici **12**: Formosa¹
276. [n. sp.]¹
1915 *Betatropis horishana* Schumacher, Mitt. Zool. Mus. Berlin **8**: 118. [Listed.]¹

Genus **BOONETA** Distant

Orthotype *Booneta ferruginea* 1907 Distant, Ann. Mag. Nat. Hist. (7)
19: 291.

- Booneta* 1907 Distant, Ann. Mag. Nat. Hist. (7) **19**: 291. [gen. n.]
1912 Waterhouse, Index Zoologicus No. II. **1912**: 37. [Listed.]
1926 Schulze, Kükenthal and Heider, Nomenclator Animalium **1** (3): 423. [Listed.]
1939 Neave, Nomenclator Zoologicus **1**: 451. [Listed.]

ferruginea Walker

- 1870 *Cixius ferrugineus* Walker, Jour. Linnean Soc. Zool. **10**: 104. [n. New Guinea¹
sp.]¹ Mysol²
1870 *Cixius caliginosus* Walker, Jour. Linnean Soc. Zool. **10**: 105. [n.
sp.]²
1907 *Booneta ferruginea* Distant, Ann. Mag. Nat. Hist. (7) **19**: 291. [Listed.]^{1,2} Equals
Cixius ferrugineus Walk. Equals *Cixius caliginosus* Walk.

lurida Walker

- 1870 *Cixius luridus* Walker, Jour. Linnean Soc. Zool. **10**: 104. [n. sp.]¹ Mysol¹
1907 *Booneta lurida* Distant, Ann. Mag. Nat. Hist. (7) **19**: 291.
[Listed.]¹ Equals *Cixius luridus* Walk.

Genus **ACHILIA** Haglund

Haplotype *Achilla marginatifrons* [n. sp.] 1899 Haglund, Öfv. Svenska
Vet. Akad. Förh. **56**: 62.

- Achilla* 1899 Haglund, Öfv. Svenska Vet. Akad. Förh. **56**: 62. [gen. n.]
1902 Waterhouse, Index Zoologicus **1902**: 4. [Listed.]
1926 Schulze, Kükenthal and Heider, Nomenclator Animalium **1** (1): 26. [Listed.]
1939 Neave, Nomenclator Zoologicus **1**: 29. [Listed.]

marginatifrons Haglund

- 1899 *Achilla marginatifrons* Haglund, Öfv. Svenska Vet. Akad. Förh. Cameroons¹
56: 63. [n. sp.]¹

Genus **ACHILUS** Kirby

Haplotype *Achilus flammeus* [n. sp.] 1818 Kirby, Trans. Linn. Soc.
London Zool. **12**: 474.

Type *Achilius* [sic] *flammeus* 1840 Duponchel, Rev. Zool. **2**: 203.

Type *Achilus flammeus* 1900 Kirkaldy, Entomologist **33**: 264.

- Achilus* 1818 Kirby, Trans. Linn. Soc. London Zool. **12**: 474. [gen. n.]
 1825 Latreille, Familles Naturelles du Règne Animal **1825**: 427. [Listed.]
 1827 Berthold, Natürliche Familien des Thierreiches **1827**: 425. [Listed.]
 1828 Latreille, Thon's Entomologisches Archiv **1** (3): 76. [Listed.]
 1834 Guérin-Méneville, Voyage aux Indes-Orientales **1834**: 464. To *Cixius* Latr. [error.]
- Achili* [sic] 1834 Latreille, The Animal Kingdom. (Henderson Ed.). **4**: 175. [Comparative note.]
- Achilus* 1835 Burmeister, Handbuch der Entomologie **2** (1): 156. [Listed.]
 1837 Latreille, The Animal Kingdom. (Henderson Ed.) **4**: 175. [Comparative note.]
- Achilius* [sic] 1839 Spinola, Ann. Soc. Ent. France **8**: 204. [Key.] :319. [Described.]
- Achilus* 1840 Blanchard, Histoire Naturelle des Insectes **3**: 173. To *Cixia* Latr. [error.]
- Achilius* [sic] 1840 Duponchel, Rev. Zool. **2**: 203. [Described.]
- Achilus* 1840 Westwood, Cuvier's Animal Kingdom **1840**: 568. [Comparative note.]
 1842 Agassiz, Erichson and Germar, Nomenclator Zoologicus **1852**: 1. [Listed.]
 1842 Westwood, Cuvier's Animal Kingdom **1842**: 568. [Comparative note.]
- Achillus* [sic] 1843 Amyot and Serville, Histoire Naturelle des Insectes. Hémiptères. **1843**: 524. Nom. nov. for *Achilus* Kirby. [Described.] Equals *Achilius* [sic] Spin.
 1846 Agassiz, Erichson and Germar, Nomenclator Zoologicus. Addenda. **1846**: 1. Equals *Achilus*.
- Achilius* [sic] 1846 Agassiz, Erichson and Germar, Nomenclator Zoologicus. Addenda. **1846**: 1. Equals *Achilus*.
- Achilus* 1847 Blanchard, Dictionnaire Universel d'Histoire Naturelle **1**: 71. [Notes.]
- Achilius* [sic] 1848 Agassiz, Nomenclatoris Zoologici Index Universalis **1848**: 10. [Listed.]
- Achillus* [sic] 1848 Agassiz, Nomenclatoris Zoologici Index Universalis **1848**: 10. [Listed.] Equals *Achilus*.
- Achilus* 1848 Agassiz, Nomenclatoris Zoologici Index Universalis **1848**: 10. [Listed.] Equals *Achillus*. Equals *Achilius* [sic]
 1849 Blanchard, Le Règne Animal **6**: 60. [Listed.]
 1849 Westwood, Cuvier's Animal Kingdom. New Ed. **1849**: 568. [Comparative note.]
 1850 Blanchard, Histoire Naturelle des Animaux Articulés **3**: 173. To *Cixia* Latr. [error.]
 1850 Schaum, Allgemeine Encyclopädie Ersch und Gruber **51**: 68. [Described.] Equals *Achilius* Spin.
 1850 Spinola, Mem. Soc. Italiana Modena **25** (1): 52. [Key.]
 1851 Walker, List of Homopterous Insects **2**: 338. [Listed.]
 1852 Spinola, Gay's Historia Fisica y Política de Chile **7**: 245. [Described.]
 1859 Dorn, Catalogus Hemipterorum **1859**: 60. [Listed.]
 1862 Stål, Handl. Svenska Vet. Akad. **3** (6): 3. [A new species from Brazil.]
- Achilo* [sic] 1862 Stål, Handl. Svenska Vet. Akad. **3** (6): 65. [Comparative note.]
- Achilus* 1863 Gerstaecker, Peters, Carus and Gerstaecker Handbuch der Zoologie **2**: 300. [Listed.]
 1863 Westwood, Cuvier's Animal Kingdom. New Ed. **1863**: 568. [Comparative note.]
 1866 Stål, Hemiptera Africana **4**: 182. [Key.]
 1884 Uhler, Standard Natural History **2**: 240. [Note.]
 1886 Westwood, Cuvier's Animal Kingdom. New Ed. **1886**: 568. [Comparative note.]
 1888 Uhler, Riverside Natural History **2**: 240. [Note.]
 1889 Ashmead, Ent. Americana **5**: 23. [Key.]
 1896 Uhler, Proc. United States Nat. Mus. **19**: 281. [Comparative note.]

Achilus

- 1900 Kirkaldy, *Entomologist* **33**: 264. [Listed.]
- Achilius* [sic] 1903 Kirkaldy, *Entomologist* **36**: 215. [Listed.]
- Achilus* 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **1** (9): 417. [Key.]
:418. [Listed.] Equals *Achillus* Amy. and Serv. Equals *Achilius* [sic] Spin.
- 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **3**: 116. [Key.]
- 1911 Horváth, Ann. Mus. Nat. Hungarici **9**: 31. [Listed.]
- 1922 Muir, Canadian Ent. **54**: 61. [Comparative note.]
- Achilius* [sic] 1922 Sherborn, Index Animalium **1**: 34. [Listed.] To *Achilus* Kirby
- Achillus* [sic] 1922 Sherborn, Index Animalium **1**: 35. [Listed.] Equals *Achilus* Kirby
- Achilus* 1922 Sherborn, Index Animalium **1**: 35. [Listed.]
- 1923 Muir, Proc. Hawaiian Ent. Soc. **5**: 232. [Listed.]
- Achilius* [sic] 1926 Schulze, Kükenthal and Heider, Nomenclator Animalium **1** (1): 26. [Listed.]
- Achillus* [sic] 1926 Schulze, Kükenthal and Heider, Nomenclator Animalium **1** (1): 27. [Listed.]
- Achilus* 1926 Schulze, Kükenthal and Heider, Nomenclator Animalium **1** (1): 27. [Listed.]
- 1925 Handlirsch, Schröder's Handbuch der Entomologie **3** (17-18): 1108. [Listed.]
- 1932 Brues and Melander, Bull. Mus. Comp. Zool. Harvard Coll. **73**: 119. [Listed.]
- 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 369. [Key.]
- Achilius* [sic] 1939 Neave, Nomenclator Zoologicus **1**: 29. [Listed.]
- Achillus* [sic] 1939 Neave, Nomenclator Zoologicus **1**: 29. [Listed.]
- Achilus* 1939 Neave, Nomenclator Zoologicus **1**: 29. [Listed.]

bicinctus Spinola. See *Archilorma bicincta* Spinola. Family TROPIDUCHIDAE.

cixioides Spinola

- 1852 *Achilus cixioides* Spinola, Gay's Historia Fisicia y Politica de Chile¹
Chile **7**: 246; Pl. 3, Fig. 2, 2a-d. [n. sp., illustrated.]¹

collaris Haglund

- 1899 *Achilus* (?) *collaris* Haglund, Öfv. Svenska Vet. Akad. Förh. **56**: Cameroons¹
63. [n. sp.]¹

conspersinervis Stål. See *Myconus conspersinervis* Stål.

costalis Haglund

- 1899 *Achilus costalis* Haglund, Öfv. Svenska Vet. Akad. Förh. **56**: 63. Cameroons¹
[n. sp.]¹

dilutus Stål. See *Colgorma diluta* Stål. Family TROPIDUCHIDAE.

dulcis Gerstaecker. See *Myconus dulcis* Gerstaecker.

flammeus Kirby

- 1818 *Achilus flammeus* Kirby, Trans. Linn. Soc. London Zool. **12**: 475; Australia¹
Pl. XXIII, Figs. 13a-b. [n. sp., illustrated.]¹
- 1830 *F[tata] flammea* Germar, Thon's Entomologisches Archiv **2** (2): 50. [Described.]¹
- 1834 *Cixius flammeus* Guérin-Ménéville, Voyage aux Indes-Orientales **1834**: 465. [Listed.]¹
Equals *Achilus flammeus* Kirby.
- 1835 *A[chilus] flammeus* Burmeister, Handbuch der Entomologie **2** (1): 157. [Listed.]¹
- 1839 *Achilius* [sic] *flammeus* Spinola, Ann. Soc. Ent. France **8**: 320. [Listed.]¹
- 1840 *Achilius* [sic] *flammeus* Duponchel, Rev. Zool. **2**: 203. [Listed.]¹

- 1840 *A[chilus] flammeus* Westwood, Cuvier's Animal Kingdom **1840**: 568. [Listed.]¹
 1842 *A[chilus] flammeus* Westwood, Cuvier's Animal Kingdom **1842**: 568. [Listed.]¹
 1843 *Achillus flammeus* Amyot and Serville, Histoire Naturelle des Insectes. Hémiptères. **1843**: 525. [Described.]¹ Equals *Achilus flammeus* Kirby. Equals *Achilius* [sic] *flammeus* Spin.
 1849 *A[chilus] flammeus* Westwood, Cuvier's Animal Kingdom. New Ed. **1849**: 568. [Listed.]¹
 1850 *A[chilus] flammeus* Schaum, Allgemeine Encyclopädie Ersch und Gruber **51**: 68. [Listed.]¹
 1851 *Achilus flammeus* Walker, List of Homopterous Insects **2**: 338. [Listed.]¹
 1859 *Achilus flammea* [sic] Dohrn, Catalogus Hemipterorum **1859**: 60. [Listed.]¹
 1862 *A[chilus] flammei* [sic] Stål, Handl. Svenska Vet. Akad. **3** (6): 3. [Comparative note.]
 1863 *A[chilus] flammeus* Westwood, Cuvier's Animal Kingdom. New Ed. **1863**: 568. [Listed.]¹
 1886 *A[chilus] flammeus* Westwood, Cuvier's Animal Kingdom. New Ed. **1886**: 568. [Listed.]¹
 1906 *Achilus flammeus* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **1** (9): 418. [Listed.]¹
 1907 *Achilus flammeus* Froggatt, Australian Insects **1907**: 359. [Notes.]¹
 1926 *Achilus flammeus* Tillyard, Insects of Australia and New Zealand **1926**: 169; Pl. 11, Fig. 17. [Notes, illustrated.]¹
 1926 *Achilus flammeus* Sherborn, Index Animalium **10**: 2408. [Listed.]
 1938 *Achilus flammeus* Evans, Pap. Proc. R. Soc. Tasmania **1937**: 4; Fig. 4. [Morphology of head, illustrated.]

Genus **CALLICHLAMYS** KirkaldyLogotype *Callichlamys muiri* Kirkaldy.

- Callichlamys* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **3**: 120. [gen. n., key to species.] :116. [Key.]
 1912 Waterhouse, Index Zoologicus No. II **1912**: 44. [Listed.]
 1927 Schulze, Kükenthal and Heider, Nomenclator Animalium **2** (6): 497. [Listed.]
 1939 Neave, Nomenclator Zoologicus **1**: 530. [Listed.]

muiri Kirkaldy

- 1907 [*Callichlamys*] *muiri* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Viti Levu¹ Div. Ent. **3**: 120; Pl. IX, Figs. 20, 21. [n. sp., illustrated.]¹

undulata Kirkaldy

- 1907 [*Callichlamys*] *undulata* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Viti Levu¹ Div. Ent. **3**: 120. [n. sp.]¹

Genus **BUNDUICA** JacobiHaplotype *Bunduica rubrovenosa* [n. sp.] 1909 Jacobi, Fauna Südwest-Australiens **2**: 345.

- Bunduica* 1909 Jacobi, Fauna Südwest-Australiens **2**: 345. [gen. n.]
 1912 Waterhouse, Index Zoologicus No. II. **1912**: 42. [Listed.]
 1926 Schulze, Kükenthal and Heider, Nomenclator Animalium **1** (3): 469. [Listed.]
 1939 Neave, Nomenclator Zoologicus **1**: 501. [Listed.]

Bunduica—*Caristianus*—*Callinesia***rubrovenosa** Jacobi

- 1909 *Bunduica rubrovenosa* Jacobi, Fauna Südwest-Australiens 2: 345; Western
Figs. 12, 13. [n. sp., illustrated.]¹ Australia¹

Genus **CARISTIANUS** Distant

Orthotype *C[aristianus] indicus* [n. sp.] 1916 Distant, Fauna of British
India 6: 63.

- Caristianus* 1916 Distant, Fauna of British India 6: 63. [gen. n.]
1927 Schulze, Kükenthal and Heider, Nomenclator Animalium 2 (6): 662.
[Listed.]
1939 Neave, Nomenclator Zoologicus 1: 588. [Listed.]

indicus Distant

- 1916 *Caristianus indicus* Distant, Fauna of British India 6: 63; Fig. 48. Ceylon¹
[n. sp., illustrated.]¹

Genus **CALLINESIA** Kirkaldy

Orthotype [*Callinesia*] *pulchra* [n. sp.] 1907 Kirkaldy, Bull. Hawaiian
Sugar Pl. Assoc. Div. Ent. 3: 118.

- Callinesia* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 3: 118. [gen. n.] :116.
[Key.]
1912 Waterhouse, Index Zoologicus No. II 1912: 44. [Listed.]
1916 Oshanin, Horae Soc. Ent. Rossicae 42: 89. [Bibliography.]
1926 Haupt, Philippine Jour. Sci. 29: 443. [Note.]
1927 Schulze, Kükenthal and Heider, Nomenclator Animalium 2 (6): 500. [Listed.]
1928 Jacobi, Arkiv Zool. 19 (28): 28. [Comparative note.]
1939 Neave, Nomenclator Zoologicus 1: 533. [Listed.]

fimbriolata Melichar

- 1903 *Paratangia fimbriolata* Melichar, Homopteren-Fauna von Cey- Ceylon¹
lon 1903: 47. [n. sp.]¹ :223. [Listed.]¹
1906 [*Paratangia*] *fimbriolata* Distant, Fauna of British India 3: 294. [Listed.]¹
1914 *Callinesia fimbriolata* Melichar, Philippine Jour. Sci. 9: 178. Equals *Paratangia*
{*fimbriolata* Mel.}
1916 *Paratangia fimbriolata* Distant, Fauna of British India 6: 59; Fig. 43. [Notes, illus-
trated.]

maculinervis Haupt

- 1926 *Callinesia maculinervis* Haupt, Philippine Jour. Sci. 29: 441; Pl. 1, Mindanao¹
Fig. 6. [n. sp., illustrated.]¹

ornata Kirkaldy

- 1907 [*Callinesia*] *ornata* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Viti Levu¹
Ent. 3: 118. [n. sp., key.]¹

philippina Melichar

- 1914 *Callinesia philippina* Melichar, Philippine Jour. Sci. 9: 178. [n. Luzon¹
sp.]¹

pulchra Kirkaldy

- 1907 [*Callinesia pulchra* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Viti Levu¹
Div. Ent. **3**: 118; Pl. IX, Fig. 17. [n. sp., illustrated, key.]¹ :118,
119. [Comparative notes.]

pusilla Kirkaldy

- 1907 [*Callinesia pusilla* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Viti Levu¹
Div. Ent. **3**: 119. [n. sp.]¹ :118. [Key.]

venusta Kirkaldy

- 1907 [*Callinesia venusta* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Viti Levu¹
Div. Ent. **3**: 119. [n. sp.]¹ :118. [Key.]

Genus **KARDOPOCEPHALUS** Metcalf

Orthotype *Kardopocephalus lineatus* [n. sp.] 1938 Metcalf, Bull. Mus.
Comp. Zool. Harvard Coll. **82**: 379.

Kardopocephalus 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 379. [gen. n.]
:367. [Key.]

lineatus Metcalf

- 1938 *Kardopocephalus lineatus* Metcalf, Bull. Mus. Comp. Zool. Har- British
vard Coll. **82**: 380; Pls. 11, 16, 22. [n. sp., illustrated.]¹ Honduras¹

Genus **BREDDINIOLA** Muir

Orthotype *Breddiniola tangensis* [n. sp.] 1934 Muir, Ann. Mag. Nat.
Hist. (10) **14**: 581.

Breddiniola 1934 Muir, Ann. Mag. Nat. Hist. (10) **14**: 581. [gen. n.]

tangensis Muir

- 1934 *Breddiniola tangensis* Muir, Ann. Mag. Nat. Hist. (10) **14**: 583; Tanganyika¹
Figs. 20, 21. [n. sp., illustrated.]¹

Genus **CATONIA** Uhler

Logotype [*Catonia nava* 1916 Van Duzee, Check List of Hemiptera of
America North of Mexico **1916**: 79.

Logotype [*Catonia nava* 1917 Van Duzee, Catalogue of Hemiptera of
America North of Mexico **1917**: 728.

Type *Flata nava* 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands
14: 194.

Logotype *Catonia nava* 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard
Coll. **82**: 374.

- Catonia** 1895 Uhler, Proc. Zool. Soc. London **1895**: 61. [gen. n.] :66. [Comparative note.]
1900 Smith, Ann. Rept. New Jersey State Bd. Agr. Suppl. **27**: 87. [Listed.]
1902 Waterhouse, Index Zoologicus **1902**: 64. [Listed.]
1904 Swezey, Preliminary Catalogue of Fulgoridae of North America **1904**: 23.
[Catalogued.]
1908 Van Duzee, Proc. Acad. Nat. Sci. Philadelphia **1907**: 480. [Note, key to
North American species.]

Catonia

- 1910 Smith, Ann. Rept. New Jersey State Mus. **1909**: 95. [Listed.]
- 1910 Van Duzee, Canadian Ent. **42**: 261. [Key to North American species.] :263. [Catalogue of North American species.]
- 1913 Metcalf, Ann. Ent. Soc. America **6**: 351; Pl. XXXIII, Figs. 20, 21. [Wing venation, illustrated.]
- Catonia* [sic] 1914 Valdés Ragués, Zoología Museo Cubano "Gundlach" Catalogo General **1914**: 104. [Listed.]
- Catonia* 1915 Van Duzee, Jour. Ent. Zool. **7**: 121. [Note.]
- 1916 Oshanin, Horae Soc. Ent. Rossicae **42**: 89. [Bibliography.]
- 1916 Van Duzee, Check List of Hemiptera of America North of Mexico **1916**: 79. [List of species from North America.]
- 1917 Van Duzee, Catalogue of Hemiptera of America North of Mexico **1917**: 728. [Catalogue of species from North America.]
- 1920 Britton, Bull. Connecticut Geol. Nat. Hist. Surv. **31**: 46. [Listed.]
- 1923 Metcalf, Jour. Elisha Mitchell Soc. **38**: 158. [Key.] :159. [Key to North American species.]
- 1923 Van Duzee, Bull. Connecticut Geol. Nat. Hist. Surv. **34**: 29. [Key.] :30. [Notes, key to species.]
- 1927 Schulze, Kükenthal and Heider, Nomenclator Animalium **2** (6): 571. [Listed.]
- 1928 Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 42. [Comparative note.] :46. [Notes, key to North American species.]
- 1928 Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. **101**: 177. [List of species from New York.]
- 1932 Brues and Melander, Bull. Mus. Comp. Zool. Harvard Coll. **73**: 119. [Listed.]
- 1933 Ball, Pan-Pacific Ent. **9**: 133. [Comparative notes.]
- 1934 Heaton, Bull. Brooklyn Ent. Soc. **29**: 109. [List of species from Indiana.]
- 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands **14**: 194. [Listed.]
- 1938 Brimley, Insects of North Carolina **1938**: 99. [A list of North Carolina species.]
- 1938 Britton, Bull. Connecticut Geol. Nat. Hist. Surv. **60**: 21. [Listed.]
- 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 367. [Key.] :372, 376, 377. [Comparative note.] :374. [Described.]
- 1938 Osborn, Bull. Ohio Biol. Surv. **6**: 292. [Key.] :294. [Described, key to species.]
- 1939 Neave, Nomenclator Zoologicus **1**: 607. [Listed.]
- 1941 Adams, Ecol. Mon. **11**: 214. [Ecology.]
- 1944 Fennah, Proc. Ent. Soc. Washington **46**: 187. [Wing venation.]
- 1946 Proctor, Biological Survey of the Mount Desert Region **7**: 94. [Listed.]

a Fitch (var.) [*impunctata*]. See *Catonia dimidiata* Van Duzee.

a Fitch (var.) [*nava*]. See *Catonia nava* var. *bifasciata* Metcalf.

albicosta Van Duzee

- 1917 *Catonia albicosta* Van Duzee, Proc. California Acad. Sci. (4) **7**: California¹ 306. [n. sp.]¹
- 1918 [*Catonia*] *albicostata* [sic] Van Duzee, Proc. California Acad. Sci. (4) **8**: 307. [Comparative note.]

albidovariiegata Fowler (var.). See *Catonia sobrina* var. *albidovariiegata* Fowler.

albicostata. Typographical error for *Catonia albicosta* Van Duzee.

antillicola Wolcott

- 1936 *Catonia antillicola* Wolcott, Jour. Agr. Univ. Puerto Rico **20**: 92. Puerto Rico¹ [n. sp.]¹

arbutina Ball

1933 *Catonia arbutina* Ball, Pan-Pacific Ent. **9**: 135. [n. sp.]¹ Arizona¹

aspera Fowler. See *Messeis asper* Fowler.

basalis Fowler

1904 *Plectoderes basalis* Fowler, Biologia Centrali-Americana **1**: 109; Guerrero¹
Pl. 11, Figs. 20, 20a. [n. sp., illustrated.]¹

1910 [*Catonia basalis*] Van Duzee, Canadian Ent. **42**: 264. Equals *Plectoderes basalis*

1910 *Plectoderes basalis* Van Duzee, Trans. American Ent. Soc. **36**: 86. [Comparative note.]

bicinctura Van Duzee

1915 *Catonia bicinctura* Van Duzee, Jour. Ent. Zool. **7**: 119. [n. sp.]¹ Florida¹

1916 *Catonia bicinctura* Van Duzee, Check List of Hemiptera of America North of Mexico **1916**: 79. [Listed.]² Southern States²

1917 *Catonia bicinctura* Van Duzee, Catalogue of Hemiptera of America North of Mexico **1917**: 728. [Catalogued.]¹ Maine³

1921 *Catonia bicinctura* Osborn, Florida Ent. **5**: 15. [Listed.]¹ Mississippi⁴

1923 *Catonia bicinctura* Metcalf, Jour. Elisha Mitchell Soc. **38**: 159; Pl. 43, Fig. 70. [Key, illustrated.] Tennessee⁶ North Carolina⁶ Ohio⁷

1928 *Catonia bicinctura* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 47. [Key.] :48. [Described.]^{1,2,3,4,5} Louisiana⁸

1933 [*Catonia*] *bicinctura* Ball, Pan-Pacific Ent. **9**: 135. [Comparative notes.]

1938 [*Catonia*] *bicinctura* Brimley, Insects of North Carolina **1938**: 99. [Listed.]⁶

1938 *Catonia bicinctura* Osborn, Bull. Ohio Biol. Surv. **6**: 295. [Key.] :298; Fig. 12E. [Described, illustrated.]^{1,3,4,5,7}

1939 *Catonia bicinctura* Glick, Tech. Bull. United States Dept. Agr. **673**: 27. [Listed.]⁸

bifasciata Metcalf (var.). See *Catonia nava* var. *bifasciata* Metcalf.

brunnella Ball

1933 *Catonia brunnella* Ball, Pan-Pacific Ent. **9**: 137. [n. sp.]¹ Arizona¹

cara Van Duzee

1910 *Catonia cara* Van Duzee, Trans. American Ent. Soc. **36**: 86. California¹
[n. sp.]¹ Pacific States²

1910 *Catonia cara* Van Duzee, Canadian Ent. **42**: 262. [Key.] :264. [Catalogued.]¹

1912 [*Catonia*] *cara* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **10**: 492. [Comparative note.]

1916 *Catonia cara* Van Duzee, Check List of Hemiptera of America North of Mexico **1916**: 79. [Listed.]²

1917 *Catonia cara* Van Duzee, Catalogue of Hemiptera of America North of Mexico **1917**: 730. [Catalogued.]¹

1925 *Catonia cara* Van Duzee, Bull. Brooklyn Ent. Soc. **20**: 90. [Food plants.]¹

carolina Metcalf

1923 *Catonia carolina* Metcalf, Jour. Elisha Mitchell Soc. **38**: 176. North Carolina¹
[n. sp.]^{1,2,3} :150. [Listed.] :159. [Key.] Virginia²

1928 *Catonia carolina* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 52. [Described.]^{1,2,3} Maryland³

1938 [*Catonia*] *carolina* Brimley, Insects of North Carolina **1938**: 99. [Listed.]¹

*Catonia**chiriquensis* Fowler

- 1904 *Helicoptera chiriquensis* Fowler, *Biologia Centrali-Americana* **1**: Panama¹
107; Pl. 11, Figs. 16, 16a. [n. sp., illustrated.]¹
- 1910 [*Catonia chiriquensis*] Van Duzee, *Canadian Ent.* **42**: 264. Equals [*Helicoptera*] *chiriquensis*.
- 1938 *Catonia* [*chiriquensis*] Metcalf, *Bull. Mus. Comp. Zool. Harvard Coll.* **82**: 374. Equals *H[elicoptera] chiriquensis* Fowl.

cinctifrons Fitch

- 1856 *Cixius cinctifrons* Fitch, *Trans. New York State Agr. Soc.* **16**: New York¹
451. [n. sp.]¹ Pennsylvania²
- 1869 [*Cixius*] *cinctifrons* Rathvon, *Mombert's History Lancaster* Eastern United
County, Pennsylvania **1869**: 550. [Listed.]² States³
- 1881 *Cixius cinctifrons* Packard, *Bull. United States Ent. Comm.* **7**: Maryland⁴
81. [Notes.] North Carolina⁵
- 1890 *Cixius cinctifrons* Packard, *Rept. United States Ent. Comm.* **5**: New Jersey⁶
325. [Notes.] Connecticut⁷
- 1890 [*Cixius*] *cinctifrons* Smith, *Geological Survey of New Jersey* **2** (2): Tennessee⁸
439. [Listed.]⁶ Long Island⁹
- 1890 *Cixius cinctifrons* Van Duzee, *Psyche* **5**: 388. [Listed.]¹¹ Ohio¹⁰
- 1895 *Catonia cinctifrons* Uhler, *Proc. Zool. Soc. London* **1895**: 62. North America¹¹
Equals *Cixius cinctifrons* Fitch.
- 1900 *C[atonia] cinctifrons* Smith, *Ann. Rept. New Jersey State Bd. Agr. Suppl.* **27**: 87.
[Listed.]³
- 1904 *Catonia cinctifrons* Swezey, *Preliminary Catalogue of Fulgoridae of North America*
1904: 23. [Catalogued, food plants.]^{1,4} Equals *Cixius cinctifrons* Fitch.
- 1906 *Cixius cinctifrons* Felt, *Mem. New York State Mus.* **8** (2): 717. [Notes.]¹
- 1908 *Catonia cinctifrons* Van Duzee, *Proc. Acad. Nat. Sci. Philadelphia* **1907**: 480.
[Listed.] :481. [Notes.] Equals *Catonia nava* var. *a* Say (?) [error.] :481, 482. [Com-
parative notes.]
- 1910 *C[atonia] cinctifrons* Smith, *Ann. Rept. New Jersey State Mus.* **1909**: 95. [Listed.]¹
- 1910 *Catonia cinctifrons* Van Duzee, *Canadian Ent.* **42**: 261. [Key.] :263. [Catalogued.]^{1,2}
- 1915 *Catonia cinctifrons* Metcalf, *Jour. Elisha Mitchell Soc.* **31**: 45 (13). [Listed.]⁶
- 1916 *Catonia cinctifrons* Van Duzee, *Check List of Hemiptera of America North of Mexico*
1916: 79. [Listed.]³
- 1917 *Catonia cinctifrons* Van Duzee, *Catalogue of Hemiptera of America North of Mexico*
1917: 728. [Catalogued.]^{1,2,4,5,6} Equals *Cixius* [*cinctifrons* Fitch]
- 1918 *Catonia cinctifrons* Weiss, *Ent. News* **29**: 309. [Listed.]⁶
- 1923 *Catonia cinctifrons* Metcalf, *Jour. Elisha Mitchell Soc.* **38**: 160; Pl. 43, Fig. 71. [Key,
illustrated.]
- 1923 *Catonia cinctifrons* Van Duzee, *Bull. Connecticut Geol. Nat. Hist. Surv.* **34**: 30.
[Key.] :31. [Notes, comparative note.]^{1,4,7}
- 1928 *Catonia cinctifrons* Dozier, *Tech. Bull. Mississippi Agr. Exp. Sta.* **14**: 47. [Key.] :51.
[Described.]^{1,2,4,5,6,8} Equals *Cixius* [*cinctifrons* Fitch].
- 1928 *Catonia cinctifrons* Metcalf, *Mem. Cornell Univ. Agr. Exp. Sta.* **101**: 177. [Listed.]⁹
- 1938 *C[atonia] cinctifrons* Brimley, *Insects of North Carolina* **1938**: 99. [Listed.]⁶
- 1938 [*Catonia*] *cinctifrons* Britton, *Bull. Connecticut Geol. Nat. Hist. Surv.* **60**: 21.
[Listed.]⁷
- 1938 *Catonia cinctifrons* Osborn, *Bull. Ohio Biol. Surv.* **6**: 295. [Key.] :296; Fig. 12D.
[Described, illustrated, comparative note.]^{3,10}

cinerea Osborn

- 1935 *Catonia cinerea* Osborn, *Sci. Surv. Porto Rico and Virgin Islands.* Puerto Rico¹
14: 195. [n. sp.]¹
- 1936 *Catonia cinerea* Wolcott, *Jour. Agr. Univ. Puerto Rico* **20**: 93. [Listed.]¹
- 1941 *Catonia cinerea* Wolcott, *Jour. Agr. Univ. Puerto Rico* **25**: 53. [Listed.]¹

clara Van Duzee

- 1917 *Catonia clara* Van Duzee, Proc. California Acad. Sci. (4) 7: 306. California¹
[n. sp.]¹

constellata Ball

- 1933 *Catonia constellata* Ball, Pan-Pacific Ent. 9: 137. [n. sp.]¹ California¹

costata Van Duzee

- 1910 *Catonia costata* Van Duzee, Trans. American Ent. Soc. 36: 86. California¹
[n. sp., comparative note.]¹ Pacific States²
- 1910 *Catonia costata* Van Duzee, Canadian Ent. 42: 263. [Catalogued.]¹
:262. [Key.]
- 1914 *Catonia costata* Van Duzee, Trans. San Diego Soc. Nat. Hist. 2: 36. [Listed.]¹
- 1916 *Catonia costata* Van Duzee, Check List of Hemiptera of America North of Mexico
1916: 79. [Listed.]²
- 1917 *Catonia costata* Van Duzee, Proc. California Acad. Sci. (4) 7: 306, 307. [Comparative
notes.]
- 1917 *Catonia costata* Van Duzee, Catalogue of Hemiptera of America North of Mexico
1917: 729. [Catalogued.]¹
- 1933 [*Catonia*] *costata* Ball, Pan-Pacific Ent. 9: 137. [Comparative notes.]

dimidata. Typographical error for *Catonia dimidiata* Van Duzee.

dimidiata Van Duzee

- 1851 [*Cixius impunctatus*] var. *a* Fitch, Ann. Rept. State Cab. Nat. New York¹
Hist. 4: 46. [n. var.]¹ Rhode Island²
- 1893 [*Cixius impunctatus*] var. *a* Fitch, Rept. New York State Mus. Eastern States³
Nat. Hist. 46: 386. [n. var., reprinted.]¹ Connecticut⁴
- 1910 *Catonia dimidiata* Van Duzee, Trans. American Ent. Soc. 36: 85. Pennsylvania⁵
[n. sp.]^{1,2} North Carolina⁶
- 1910 *Catonia dimidiata* Van Duzee, Canadian Ent. 42: 261. [Key.] :263. Ohio⁷
[Catalogued.]³ :265. [Comparative note.] Maine⁸
- 1916 *Catonia dimidiata* Van Duzee, Check List of Hemiptera of Amer- Mount Desert
ica North of Mexico 1916: 79. [Listed.]³ Equals [*Catonia*] *impunc-* Island⁹
tata Van D. [nec Fitch]. Equals [*Catonia*] *impunctata* var. *a* Fitch.
- 1917 *Catonia dimidata* [sic] Van Duzee, Catalogue of Hemiptera of America North of
Mexico 1917: 729. [Catalogued.]^{1,2} Equals *Cixius impunctata* [sic] var. *a* Fitch.
Equals [*Catonia*] *impunctata* Van. D.
- 1923 *Catonia dimidata* [sic] Metcalf, Jour. Elisha Mitchell Soc. 38: 159; Pl. 43, Fig. 68.
[Key, illustrated.]
- 1923 *Catonia dimidiata* Van Duzee, Bull. Connecticut Geol. Nat. Hist. Surv. 34: 30.
[Key, notes.]^{1,2,4}
- 1928 *Catonia dimidiata* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 47. [Key.] :49.
[Described.]^{1,2,5}
- 1928 *Catonia dimidiata* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 177. [Listed.]¹
- 1938 [*atonia*] *dimidiata* Brimley, Insects of North Carolina. 1938: 99. [Listed.]⁶
- 1938 [*Catonia*] *dimidiata* Britton, Bull. Connecticut Geol. Nat. Hist. Surv. 60: 21.
[Listed.]⁴
- 1938 *Catonia dimidiata* Osborn, Bull. Ohio Biol. Surv. 6: 295; Fig. 11C. [Notes, illus-
trated, comparative note.]⁷ :294. [Key.]
- 1946 [*atonia*] *dimidiata* Proctor, Biological Survey of the Mount Desert Region 7: 94.
[Listed.]^{8,9}

excelsa Fowler

- 1904 *Plectoderes excelsus* Fowler, Biologia Centrali-Americana 1: 109; Guerrero¹
Pl. 11, Figs. 21, 21a. [n. sp., illustrated.]^{1,2} Guatemala²

Catonia

- 1910 [*Catonia excelsa*] Van Duzee, Canadian Ent. **42**: 264. Equals
[*Plectoderes*] *excelsus*.

fumida Ball

- 1933 *Catonia fumida* Ball, Pan-Pacific Ent. **9**: 135. [n. sp.]¹ Arizona¹

fusca Van Duzee

- 1908 *Catonia fusca* Van Duzee, Proc. Acad. Sci. Philadelphia **1907**: 481. California¹
[n. sp.]¹:480. [Key.] Pacific States²
1910 *Catonia fusca* Van Duzee, Canadian Ent. **42**: 261. [Key.]:263.
[Catalogued.]¹:264. [Comparative note.]
1914 *Catonia fusca* Van Duzee, Trans. San Diego Soc. Nat. Hist. **2**: 36. [Food plants.]¹
:35. [Comparative note.]
1916 *Catonia fusca* Van Duzee, Check List of Hemiptera of America North of Mexico
1916: 79. [Listed.]²
1917 *Catonia fusca* Van Duzee, Proc. California Acad. Sci. (4) **7**: 306. [Comparative note.]
1917 *Catonia fusca* Van Duzee, Catalogue of Hemiptera of America North of Mexico
1917: 729. [Catalogued.]¹

fuscolineata Fowler. See *Amblycratus fuscolineatus* Fowler.

grisea Van Duzee

- 1908 *Catonia grisea* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia New York¹
1907: 482. [n. sp.]^{1,2}:480. [Key.]:481, 483. [Comparative note.] Ontario²
1910 *Catonia grisea* Van Duzee, Canadian Ent. **42**: 261. [Key.]:263. Canada³
[Catalogued.]^{1,3} Eastern States⁴
1910 *Catonia grisea* Van Duzee, Trans. American Ent. Soc. **36**: 83. Connecticut⁵
[Comparative note.] Mississippi⁶
1916 *Catonia grisea* Van Duzee, Check List of Hemiptera of America Ohio⁷
North of Mexico **1916**: 79. [Listed.]^{3,4} Quebec⁸
1916 [*Catonia*] *grisea* Van Duzee, Techn. Bull. California Agr. Exp. Maryland⁹
Sta. Ent. **1**: 246. [Comparative note.]
1917 *Catonia grisea* Van Duzee, Catalogue of Hemiptera of America North of Mexico
1917: 728. [Catalogued.]^{1,2}
1920 [*Catonia*] *grisea* Britton, Bull. Connecticut Geol. Nat. Hist. Surv. **31**: 46. [Listed.]⁵
1923 *Catonia grisea* Metcalf, Jour. Elisha Mitchell Soc. **38**: 159; Pl. 53, Fig. 266. [Key, il-
lustrated.]
1923 *Catonia grisea* Van Duzee, Bull. Connecticut Geol. Nat. Hist. Surv. **34**: 30. [Key.]
:31. [Notes.]⁵
1928 *Catonia grisea* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 47. [Key.]:50.
[Described.]^{1,2,6,7}:52. [Comparative note.]:46. [Ecology.]^{2,6,9}
1928 *Catonia grisea* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. **101**: 177. [Listed.]¹
1938 *Catonia grisea* Osborn, Bull. Ohio Biol. Surv. **6**: 295. [Key.]:296; Figs. 11B, 12F.
[Described, illustrated, comparative note.]⁷
1944 *Catonia grisea* Moore, Canadian Ent. **76**: 44. [Listed.]⁸

haitiensis Dozier

- 1931 *Catonia haitiensis* Dozier, American Mus. Nov. **510**: 15; Fig. 10. Haiti¹
[n. sp., illustrated.]¹

helenae Van Duzee

- 1918 *Catonia helenae* Van Duzee, Proc. California Acad. Sci. (4) **8**: 306. California¹
[n. sp.]¹

impunctata Fitch

- 1830 [*Flata nava*] var. *b* Say, Jour. Acad. Nat. Sci. Philadelphia **6**: 239. New York¹
[n. var.] United States²
- 1851 *Cixius impunctatus* Fitch, Ann. Rept. State Cab. Nat. Hist. **4**: New Jersey³
46. [n. sp.]¹ Pennsylvania⁴
- 1852 *Cixius impunctatus* Walker, List of Homopterous Insects **4**: 1135. Eastern States⁵
[Listed.]² North Carolina⁶
- 1859 [*Flata nava*] var. *b* Say, Entomology of North America **2**: 374. Rhode Island⁷
[n. var., reprinted.] Iowa⁸
- 1890 *Cixius impunctatus* Smith, Geological Survey of New Jersey Connecticut⁹
2 (2): 439. [Listed.]³ Illinois¹⁰
- 1890 *Myndus impunctatus* Van Duzee, Psyche **5**: 390. Equals *Cixius* West Virginia¹¹
impunctatus Fitch. Long Island¹²
- 1893 *Cixius impunctatus* Fitch, Rept. New York State Mus. Nat. Ohio¹³
Hist. **46**: 386. [n. sp., reprinted.]¹ Quebec¹⁴
- 1893 *Myndus impunctatus* Van Duzee, Rept. New York State Mus.
Nat. Hist. **46**: 410. [Listed.]
- 1908 *Catonia impunctata* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia **1907**: 480. [Key.]
:482. [Notes.]^{1,4} :481. [Comparative note.]
- 1910 *Myndus impunctatus* Felt, Bull. New York State Mus. **141**: 121. [Listed.] Equals
Cixius impunctatus Fitch].
- 1910 *Catonia impunctata* Smith, Ann. Rept. New Jersey State Mus. **1909**: 95. [Listed.]⁵
- 1910 *Catonia impunctata* Van Duzee, Canadian Ent. **42**: 261. [Key.] :263. [Catalogued.]⁶
- 1910 [*Catonia impunctata*] Van Duzee, Trans. American Ent. Soc. **36**: 85, 86. [Comparative notes.]
- 1912 [*Catonia impunctata*] Van Duzee, Bull. Buffalo Soc. Nat. Sci. **10**: 492. [Comparative note.]
- 1914 [*Catonia impunctata*] Van Duzee, Trans. San Diego Soc. Nat. Hist. **2**: 35. [Comparative note.]
- 1915 *Catonia impunctata* Metcalf, Jour. Elisha Mitchell Soc. **31**: 45 (13). [Listed.]⁶
- 1916 *Catonia impunctata* Van Duzee, Check List of Hemiptera of America North of Mexico **1916**: 79. [Listed.]⁵
- 1917 *Catonia impunctata* Van Duzee, Catalogue of Hemiptera of America North of Mexico **1917**: 729. [Catalogued.]^{1,3,4,6,7,8} Equals *Cixius impunctatus* Fitch]. Equals *Myndus impunctatus* Van D.]
- 1920 [*Catonia impunctata*] Britton, Bull. Connecticut Geol. Nat. Hist. Surv. **31**: 46. [Listed.]⁹ Equals *Myndus impunctatus* Fitch.]
- 1923 *Catonia impunctata* Metcalf, Jour. Elisha Mitchell Soc. **38**: 159; Pl. 43, Figs. 69, 73. [Key, illustrated.]
- 1923 *Catonia impunctata* Van Duzee, Bull. Connecticut Geol. Nat. Hist. Surv. **34**: 30. [Key.] :31. [Notes.]^{7,8,9}
- 1928 *Catonia impunctata* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 47. [Key.] :49. [Described.]^{1,3,4,6,7,8,10,11} Equals *Cixius impunctatus* Fitch]. :50. [Comparative note.]
- 1928 *Catonia impunctata* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. **101**: 177. [Listed.]^{1,12}
- 1938 [*Catonia impunctata*] Brimley, Insects of North Carolina **1938**: 99. [Listed.]⁶
- 1938 *Catonia impunctata* Osborn, Bull. Ohio Biol. Surv. **6**: 294. [Key.] :295; Figs. 11D, 11Ea-d, 12C. [Described, illustrated, comparative note.]¹³
- 1938 *Catonia impunctata* Spooner, Univ. Illinois Bull. **35** (70): 9. [Listed.] :15, 17; Pl. VI, Fig. 94. [Morphology of head, illustrated.]
- 1944 *Catonia impunctata* Moore, Canadian Ent. **76**: 44. [Listed.]¹⁴

impunctata Van Duzee [nec Fitch]. See *Catonia dimidiata* Van Duzee.

impunctata var. *a* Fitch. See *Catonia dimidiata* Van Duzee.

*Catonia***indella** Ball

- 1933 *Catonia indella* Ball, Pan-Pacific Ent. **9**: 136. [n. sp.]¹ :137. [Com- California¹
parative notes.]

intricata Uhler

- 1895 *Catonia intricata* Uhler, Proc. Zool. Soc. London **1895**: 61. [n. sp.]¹ St. Vincent
1903 *Catonia intricata* Henshaw, Psyche **10**: 227. [Listed.]¹ Island¹
1907 *Catonia intricata* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **8** (5): 35. Jamaica²
[Notes.]² West Indies³
1908 *Catonia intricata* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia Dominican
1907: 481. [Key.]³ :484. [Notes.]^{1,2,7} :482. [Comparative note.] Republic⁴
1910 [*Catonia*] *intricata* Van Duzee, Canadian Ent. **42**: 262. [Listed.]³ Cuba⁵
1922 *Catonia intricata* Wolcott, Jour. Dept. Agr. Porto Rico **6**: 33. Puerto Rico⁶
[Notes.]⁴ Haiti⁷
1926 [*Catonia*] *intricata* Osborn, Sci. Contr. Trop. Pl. Res. Found. **2**:
355. [Comparative note.]
1926 [*Catonia*] *intricata* Osborn, Ann. Ent. Soc. America **19**: 355. [Comparative note.]
1928 *Catonia intricata* Myers, Studies on Cuban Insects **1928**: 24. [Note.]⁵
1929 *Catonia intricata* Osborn, Jour. Dept. Agr. Porto Rico **13**: 107. [Notes.]^{1,6}
1935 *Catonia intricata* Osborn, Sci. Surv. Porto Rico and Virgin Islands **14**: 195. [De-
scribed, comparative note.]^{1,6}
1936 *Catonia intricata* Wolcott, Jour. Dept. Agr. Puerto Rico **20**: 93. [Listed.]⁶
1945 *Catonia intricata* Fennah, Proc. Ent. Soc. Washington **47**: 128; Pl. 15, Fig. 27.
[Morphology of pretarsus, illustrated.]

irrorata Van Duzee

- 1914 *Catonia irrorata* Van Duzee, Trans. San Diego Soc. Nat. Hist. **2**: California¹
35. [n. sp.]¹ Pacific States²
1916 *Catonia irrorata* Van Duzee, Check List of Hemiptera of America
North of Mexico **1916**: 79. [Listed.]³
1917 *Catonia irrorata* Van Duzee, Proc. California Acad. Sci. (4) **7**: 306. [Comparative
note.]
1917 *Catonia irrorata* Van Duzee, Catalogue of Hemiptera of American North of Mexico
1917: 729. [Catalogued.]¹

lineatocollis Fowler

- 1904 *Plectoderes lineatocollis* Fowler, Biologia Centrali-Americana **1**: Guerrero¹
111; Pl. 11, Figs. 26, 26a-b. [n. sp., illustrated.]^{1,2} Panama²
1910 [*Catonia lineatocollis*] Van Duzee, Canadian Ent. **42**: 264. Equals
[*Plectoderes*] *laticollis* [sic].
1910 *Plectoderes lineaticollis* [sic] Van Duzee, Canadian Ent. **42**: 265. [Comparative note.]
1912 *Plectoderes lineaticollis* [sic] Van Duzee, Bull. Buffalo Soc. Nat. Sci. **10**: 492. [Com-
parative note.] Equals [*Plectoderes*] *laticollis* [sic].
1933 [*Catonia lineatocollis*] Ball, Pan-Pacific Ent. **9**: 135. [Comparative notes.]

luella Metcalf

- 1923 *Catonia luella* Metcalf, Jour. Elisha Mitchell Soc. **38**: 177. [n. sp.]¹ Florida¹
:150. [Listed.] :159. [Key.]
1928 *Catonia luella* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 53. [Described.]¹

lunata Metcalf

- 1923 *Catonia lunata* Metcalf, Jour. Elisha Mitchell Soc. **38**: 178. North Carolina¹
[n. sp.]^{1,2,3,4} :150. [Listed.] :159. [Key.] Florida²

- 1928 *Catonia lunata* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 54. [Described.]^{1,2,3,4} Massachusetts⁵
Long Island⁴
- 1938 *C[atonia] lunata* Brimley, Insects of North Carolina **1938**: 99. Ohio⁵
[Listed.]¹
- 1938 *Catonia lunata* Osborn, Bull. Ohio Biol. Surv. **6**: 295. [Key.] :298; Figs. 11A, 11a-d, 12G. [Described, illustrated.]⁵

maculifrons Van Duzee

- 1912 *Catonia maculifrons* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **10**: 491. [n. sp.]¹ Arizona¹
South Western States⁵
- 1916 *Catonia maculifrons* Van Duzee, Check List of Hemiptera of America North of Mexico **1916**: 79. [Listed.]²
- 1917 *Catonia maculifrons* Van Duzee, Catalogue of Hemiptera of America North of Mexico **1917**: 729. [Catalogued.]¹
- 1933 [*Catonia*] *maculifrons* Ball, Pan-Pacific Ent. **9**: 135. [Comparative notes.]

majuscula Van Duzee

- 1912 *Catonia majusculus* [sic] Van Duzee, Bull. Buffalo Soc. Nat. Sci. **10**: 492. [n. sp.]¹ Arizona¹
South Western States⁵
- 1915 [*Catonia*] *majusculus* [sic] Van Duzee, Jour. Ent. Zool. **7**: 120, 121. [Comparative notes.]
- 1916 *Catonia majuscula* Van Duzee, Check List of Hemiptera of America North of Mexico **1916**: 79. [Listed.]²
- 1916 [*Catonia*] *majusculus* [sic] Van Duzee, Techn. Bull. California Agr. Exp. Sta. Ent. **1**: 247. [Comparative note.]
- 1917 *Catonia majuscula* Van Duzee, Catalogue of Hemiptera of America North of Mexico **1917**: 730. [Catalogued.]¹
- 1918 [*Catonia*] *majusculus* [sic] Van Duzee, Proc. California Acad. Sci. (4) **8**: 306. [Comparative note.]

memoralis. Typographical error for *Catonia nemoralis* Van Duzee.

montana Fowler. See *Plectoderes montanus* Fowler.

nava Say

- 1830 *F[lata] nava* Say, Jour. Acad. Nat. Sci. Philadelphia **6**: 238. [n. sp.]¹ :239. [Comparative note.] Indiana¹
United States²
- 1850 *Poeciloptera* [sic] *naeva* [sic] Schaum, Allgemeine Encyclopädie Ersch und Gruber **51**: 72. [Listed.] Equals *Flata n[ava]* Say. North America¹
Iowa⁴
- 1851 *Poeciloptera* [sic] (?) *noeva* [sic] Walker, List of Homopterous Insects **2**: 469. [Listed.]² Equals *Flata noeva* [sic] Say. Ohio⁵
Eastern United States⁵
- 1852 *Poeciloptera* [sic] (?) *nava* Walker, List of Homopterous Insects **4**: 1139. [Listed.]¹ Equals *Flata nava* Say. Maryland⁷
- 1859 *Poeciloptera* [sic] (?) *noeva* [sic] Dohrn, Catalogus Hemipterorum **1859**: 66. [Listed.]³ New York⁸
Canada⁹
- 1859 *F[lata] nava* Say, Entomology of North America **2**: 373. [n. sp., reprinted.] :374. [Comparative note.] Ontario¹⁰
- 1890 *P[oe]ciloptera* [sic] *nova* [sic] Smith, Geological Survey of New Jersey **2** (2): 438. [Listed.]
- 1890 *Phypia* (?) *nava* Van Duzee, Psyche **5**: 389. Equals *Flata nava* Say.
- 1892 *Helicoptera nava* Osborn, Proc. Iowa Acad. Sci. **1** (2): 127 (13). [Listed.]⁴
- 1895 *Catonia nava* Uhler, Proc. Zool. Soc. London **1895**: 62. Equals *Flata nava* Say.
- 1900 *Helicoptera nova* (?) [sic] Osborn, Ann. Rept. Ohio State Acad. Sci. **8**: 64. [Listed.]⁵
- 1900 *C[atonia] nava* Smith, Ann. Rept. New Jersey State Bd. Agr. Suppl. **27**: 87. [Listed.]⁵
- 1902 *Flata noeva* [sic] Melichar, Ann. Nat. Hofmus. Wien. **17**: 230. [Listed.]³
- 1904 *Catonia nava* Swezey, Preliminary Catalogue of Fulgoridae of North America **1904**:

Catonia

23. [Catalogued.]^{1,4,5,7} Equals *Flata nava* Say. Equals *Phypia* (?) *nava* Van Duz. Equals *Helicoptera nava* Osb.
- 1908 *Catonia nava* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia 1907: 480. [Key.] :481. [Notes, comparative note.]^{6,8}
- 1910 *Catonia nava* Smith, Ann. Rept. New Jersey State Mus. 1909: 95. [Listed.]⁶
- 1910 *Catonia nava* Van Duzee, Canadian Ent. 42: 261. [Key.] :263. [Catalogued.]⁶
- 1916 *Catonia nava* Van Duzee, Check List of Hemiptera of America North of Mexico 1916: 79. [Listed.]^{6,9}
- 1917 *Catonia nava* Van Duzee, Catalogue of Hemiptera of America North of Mexico 1917: 728. [Catalogued.]^{1,4,5,7,8,10} Equals *Flata* [*nava* Say.] Equals *Poeciloptera* [*sic*] *noeva* [*sic*] Walk. Equals *Phypia* [*nava* Van D.]
- 1923 *Catonia nava* Metcalf, Jour. Elisha Mitchell Soc. 38: 159; Pl. 39, Fig. 14. [Key, illustrated.]
- 1923 *Catonia nava* Van Duzee, Bull. Connecticut Geol. Nat. Hist. Surv. 34: 30. [Key.] :31. [Notes, comparative note.]^{4,7,10}
- 1928 *Catonia nava* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 47. [Key.] :51. [Comparative note.] :52. [Described.]^{1,4,5,7,8,10} Equals *Flata* [*nava* Say].
- 1928 *Catonia nava* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 177. [Listed.]⁸
- 1928 *Flata nava* Sherborn, Index Animalium 17: 4267. [Listed.]
- 1933 [*Catonia*] *nava* Ball, Pan-Pacific Ent. 9: 135, 136. [Comparative notes.]
- 1934 *Catonia nava* Heaton, Bull. Brooklyn Ent. Soc. 29: 109. [Listed.]¹
- 1938 *Catonia nava* Osborn, Bull. Ohio Biol. Surv. 6: 294. [Key.] :296; Fig. 12B. [Described, illustrated.]^{5,6}

nava var. *a* Fitch. See *Catonia nava* var. *bifasciata* Metcalf.

nava var. *bifasciata* nom. nov. for *Flata nava* var. *a* Say.

- 1830 [*Flata nava*] var. *a* Say, Jour. Acad. Nat. Sci. Philadelphia 6: 239. [n. var.]
- 1859 [*Flata nava*] var. *a* Say, Entomology of North America 2: 374. [n. var., reprinted.]
- 1908 *Catonia nava* var. *a* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia 1907: 481. To *Catonia cinclifrons* Fitch [error.]

necopina Van Duzee

- 1918 *Catonia necopina* Van Duzee, Proc. California Acad. Sci. (4) 8: California¹
307. [n. sp.]¹
- 1933 [*Catonia*] *necopina* Ball, Pan-Pacific Ent. 9: 137. [Comparative notes.]

nemoralis Van Duzee

- 1916 *Catonia nemoralis* Van Duzee, Techn. Bull. California Agr. Exp. Sta. Ent. 1: 246. [n. sp.]¹ California¹
British
- 1917 *Catonia nemoralis* [*sic*] Van Duzee, Proc. California Acad. Sci. Columbia²
(4) 7: 306. [Listed.]¹
- 1917 *Catonia nemoralis* Van Duzee, Catalogue of Hemiptera of America North of Mexico 1917: 729. [Catalogued.]¹
- 1927 *Catonia nemoralis* Downes, Proc. Ent. Soc. British Columbia 1927: 21. [Food plants.]²

nervata Van Duzee

- 1910 *Catonia nervata* Van Duzee, Canadian Ent. 42: 265. [n. sp.]¹ :262. California¹
[Key.] :263. [Listed.]¹ Pacific States²
- 1916 *Catonia nervata* Van Duzee, Check List of Hemiptera of America North of Mexico 1916: 79. [Listed.]²
- 1917 *Catonia nervata* Van Duzee, Catalogue of Hemiptera of America North of Mexico 1917: 729. [Catalogued.]¹
- 1918 [*Catonia*] *nervata* Van Duzee, Proc. California Acad. Sci. (4) 8: 307. [Comparative note.]

notata Fowler

- 1904 *Plectoderes notatus* Fowler, *Biologia Centrali-Americana* 1: 110; Panama¹
Pl. 11, Figs. 23, 23a. [n. sp., illustrated.]¹
1910 [*Catonia notata*] Van Duzee, *Canadian Ent.* 42: 264. Equals [*Plectoderes*] *notatus*.

picta Van Duzee

- 1908 *Catonia picta* Van Duzee, *Proc. Acad. Nat. Sci. Philadelphia* New Jersey¹
1907: 481. [n. sp.]¹ :480. [Key.] Florida²
1909 *Catonia picta* Van Duzee, *Bull. Buffalo Soc. Nat. Sci.* 9: 187. North Carolina³
[Notes.]^{1,2} South Eastern
1910 [*Catonia*] *picta* Smith, *Ann. Rept. New Jersey State Mus.* 1909: States⁴
95. [Listed.]¹ Georgia⁵
1910 *Catonia picta* Van Duzee, *Canadian Ent.* 42: 261. [Key.] :263. Connecticut⁶
[Catalogued.]^{1,2} Mississippi⁷
1914 *Catonia picta* Barber, *Bull. American Mus. Nat. Hist.* 33: 527. Long Island⁸
[Listed.]²
1915 *Catonia picta* Metcalf, *Jour. Elisha Mitchell Soc.* 31: 45 (13). [Listed.]³
1915 [*Catonia*] *picta* Van Duzee, *Jour. Ent. Zool.* 7: 119, 120. [Comparative notes.]
1916 *Catonia picta* Van Duzee, *Check List of Hemiptera of America North of Mexico*
1916: 79. [Listed.]⁴
1917 *Catonia picta* Van Duzee, *Catalogue of Hemiptera of America North of Mexico*
1917: 728. [Catalogued.]^{1,2,3,5}
1921 *Catonia picta* Osborn, *Florida Ent.* 5: 15. [Listed.]²
1923 *Catonia picta* Metcalf, *Jour. Elisha Mitchell Soc.* 38: 160. [Key.]
1923 *Catonia picta* Van Duzee, *Bull. Connecticut Geol. Nat. Hist. Surv.* 34: 30. [Key.]
:31. [Notes.]^{1,2,6}
1928 *Catonia picta* Dozier, *Tech. Bull. Mississippi Agr. Exp. Sta.* 14: 47. [Key, de-
scribed.]^{1,2,3,5,7} :48, 51. [Comparative notes.]
1928 *Catonia picta* Metcalf, *Mem. Cornell Univ. Agr. Exp. Sta.* 101: 177. [Listed.]⁸
1938 [*Catonia*] *picta* Brimley, *Insects of North Carolina* 1938: 99. [Listed.]³
1938 [*Catonia*] *picta* Britton, *Bull. Connecticut Geol. Nat. Hist. Surv.* 60: 21. [Listed.]⁸
1938 *Catonia picta* Osborn, *Bull. Ohio Biol. Surv.* 6: 295. [Key.] :296. [Described.]^{1,2}

pini Metcalf

- 1923 *Catonia pini* Metcalf, *Jour. Elisha Mitchell Soc.* 38: 177. [n. sp.]¹ North Carolina¹
:150. [Listed.] :159. [Key.]
1928 *Catonia pini* Dozier, *Tech. Bull. Mississippi Agr. Exp. Sta.* 14: 53. [Described.]¹
1938 [*Catonia*] *pini* Brimley, *Insects of North Carolina*. 1938: 99. [Listed.]¹

producta Van Duzee

- 1915 *Catonia producta* Van Duzee, *Jour. Ent. Zool.* 7: 120. [n. sp.]¹ California¹
1916 *Catonia producta* Van Duzee, *Check List of Hemiptera of America* Pacific States²
North of Mexico 1916: 79. [Listed.]²
1917 *Catonia producta* Van Duzee, *Catalogue of Hemiptera of America North of Mexico*
1917: 730. [Catalogued.]¹
1933 [*Catonia*] *producta* Ball, *Pan-Pacific Ent.* 9: 136. [Comparative notes.]

pumila Van Duzee

- 1908 *Catonia pumila* Van Duzee, *Proc. Acad. Nat. Sci. Philadelphia* Ohio¹
1907: 483. [n. sp.]^{1,2} :480. [Key.] :484. [Comparative note.] Long Island²
1910 *Catonia pumila* Van Duzee, *Canadian Ent.* 42: 261. [Key.] :263. New York³
[Catalogued.]^{1,3} Eastern States⁴
1910 [*Catonia*] *pumila* Van Duzee, *Trans. American Ent. Soc.* 36: 86. Indiana⁵
[Comparative note.] Oklahoma⁶

Catonia

- 1916 *Catonia pumila* Van Duzee, Check List of Hemiptera of America North of Mexico **1916**: 79. [Listed.]⁴ Nebraska⁷
- 1917 *Catonia pumila* Van Duzee, Catalogue of Hemiptera of America North of Mexico **1917**: 729. [Catalogued.]^{1,3}
- 1923 *Catonia pumila* Metcalf, Jour. Elisha Mitchell Soc. **38**: 159. [Key.]
- 1923 *Catonia pumila* Van Duzee, Bull. Connecticut Geol. Nat. Hist. Surv. **34**: 30. [Key.] :31. [Notes.]^{1,2}
- 1928 *Catonia pumila* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. **101**: 177. [Listed.]²
- 1934 *Catonia pumila* Heaton, Bull. Brooklyn Ent. Soc. **29**: 109. [Listed.]⁵
- 1937 *Catonia pumila* Carpenter, Ecology **18**: 88. [Ecology.]⁶
- 1938 *Catonia pumila* Osborn, Bull. Ohio Biol. Surv. **6**: 295. [Key.] :296; Fig. 12A. [Described, illustrated.]^{1,4,7}
- 1939 *Catonia pumila* Carpenter, American Mid. Nat. **22**: 429, 428, 435. [Ecology.]⁶

rubella Van Duzee

- 1910 *Catonia rubella* Van Duzee, Canadian Ent. **42**: 264. [n. sp.]¹ :262. California¹
[Key.] :263. [Listed.]¹ :265. [Comparative note.] Pacific States²
- 1914 *Catonia rubella* Van Duzee, Trans. San Diego Soc. Nat. Hist. **2**:
36. [Food plants.]¹
- 1916 *Catonia rubella* Van Duzee, Check List of Hemiptera of America North of Mexico
1916: 79. [Listed.]²
- 1917 *Catonia rubella* Van Duzee, Proc. California Acad. Sci. (4) **7**: 306. [Listed.]¹
- 1917 *Catonia rubella* Van Duzee, Catalogue of Hemiptera of America North of Mexico
1917: 729. [Catalogued.]¹
- 1933 [*Catonia*] *rubella* Ball, Pan-Pacific Ent. **9**: 137. [Comparative notes.]

rufula Osborn

- 1926 *Catonia rufula* Osborn, Ann. Ent. Soc. America **19**: 355. [n. sp.]¹ Cuba¹
- 1926 *Catonia rufula* Osborn, Sci. Contr. Trop. Pl. Res. Found. **2**: 355.
[n. sp., reprinted.]¹

sobrina Fowler

- 1904 *Helicoptera sobrina* Fowler, Biologia Centrali-Americana **1**: 106; Vera Cruz¹
Pl. 11, Figs. 14, 14a. [n. sp., illustrated.]^{1,2,3,4} :111. [Comparative Tabasco²
note.] Guatemala³
- 1910 [*Catonia sobrina*] Van Duzee, Canadian Ent. **42**: 264. Equals *Heli-* Panama⁴
coptera sobrina.
- 1938 *Catonia sobrina* Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 374; Pl. 2.
[Described, illustrated.]⁴ Equals *Helicoptera sobrina* Fowl.

sobrina var. *albidovariegata* Fowler

- 1904 [*Helicoptera sobrina*] *albidovariegata* Fowler, Biologia Centrali- Tabasco¹
Americana **1**: 107; Pl. 11, Fig. 15. [n. var., illustrated.]^{1,2,3} Guatemala²
- 1938 *Catonia* [*sobrina albidovariegata*] Metcalf, Bull. Mus. Comp. Zool. Panama³
Harvard Coll. **82**: 374. Equals *H[elicoptera] sobrina albidovariegata*
Fowl.

succinea Van Duzee

- 1916 *Catonia succinea* Van Duzee, Techn. Bull. California Agr. Exp. California¹
Sta. Ent. **1**: 247. [n. sp.]¹
- 1917 *Catonia succinea* Van Duzee, Proc. California Acad. Sci. (4) **7**: 307. [Listed.]¹
:306, 307. [Comparative notes.]
- 1917 *Catonia succinea* Van Duzee, Catalogue of Hemiptera of America North of Mexico
1917: 730. [Catalogued.]¹
- 1933 [*Catonia*] *succinea* Ball, Pan-Pacific Ent. **9**: 136. [Comparative notes.]

Genus **CHRONEBA** Stål

Haplotype *Chronoba pallifrons* [n. sp.] 1859 Stål, Berliner Ent. Zeit. **3**: 320.

Type *Chronoba pallifrons* 1906 Distant, Fauna of British India **3**: 267.

- Chronoba 1859 Stål, Berliner Ent. Zeit. **3**: 320. [gen. n.]
 1873 Marschall, Nomenclator Zoologicus **1873**: 358. [Listed.]
 1882 Scudder, Bull. United States Nat. Mus. **19**: 67. [Listed.]
 1903 Melichar, Homopteren-Fauna von Ceylon **1903**: 39. [Described.] :223. [Listed.]
 1906 Distant, Fauna of British India **3**: 256. [Key.] :267. [Described.]
 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **3**: 69. [Listed.]
Chrobena [sic] 1910 Matsumura, Die Schädlichen Insekten von Zuckerrohr Formosas **1910**: 14. [Comparative note.]
 1911 Matsumura, Mem. Soc. Ent. Belgique **18**: 134 (6). [Comparative note.]
 Chronoba 1925 Muir, Pan-Pacific Ent. **1**: 161. [Listed.]
 1927 Schulze, Kükenthal and Heider, Nomenclator Animalium **2** (7): 685. [Listed.]
 1939 Neave, Nomenclator Zoologicus **1**: 723. [Listed.]

pallifrons Stål

- 1859 *Chronoba pallifrons* Stål, Berliner Ent. Zeit. **3**: 320. [n. sp.]¹ Ceylon¹
 1891 *Chronoba pallifrons* Kirby, Jour. Linnean Soc. Zool. **24**: 151. [Listed.]¹
 1903 *Chronoba pallifrons* Melichar, Homopteren-Fauna von Ceylon **1903**: 40; Pl. III, Figs. 1, 1a–b. [Described, illustrated.]¹ :223. [Listed.]¹
 1906 *Chronoba pallifrons* Distant, Fauna of British India **3**: 267; Fig. 122. [Described, illustrated.]¹

Genus **CIONODERUS** Uhler

Haplotype *Cionoderus lineatus* [n. sp.] 1895 Uhler, Proc. Zool. Soc. London **1895**: 66.

- Cionoderus 1895 Uhler, Proc. Zool. Soc. London **1895**: 66. [gen. n.]
 1902 Waterhouse, Index Zoologicus **1902**: 77. [Listed.]
 1903 Henshaw, Psyche **10**: 227. [Listed.]
 1925 Muir, Pan-Pacific Ent. **1**: 161. [Listed.]
 1927 Schulze, Kükenthal and Heider, Nomenclator Animalium **2** (7): 702. [Listed.]
 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 368. [Key.]
 1939 Neave, Nomenclator Zoologicus **1**: 470. [Listed.]

lineatus Uhler

- 1895 *Cionoderus lineatus* Uhler, Proc. Zool. Soc. London **1895**: 66. [n. sp.]¹ St. Vincent Island¹
 1903 *Cionoderus lineatus* Henshaw, Psyche **10**: 227. [Listed.]¹

Genus **CIXIDIA** Fieber

Haplotype *Cixius confinis* 1866 Fieber, Verh. Zool. Bot. Ges. Wien **16**: 499.

Type *Cixidia* *confinis* 1912 Oshanin, Katalog paläarktischen Hemipteren **1912**: 120.

Cixidia

Type *Cixidia confinis* 1927 Lindberg, Not. Ent. 7: 88.

Type *C[ixidia] confinis* 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 196.

- Cixidia* 1866 Fieber, Verh. Zool. Bot. Ges. Wien 16: 499. [gen. n.] :514. [Listed.]
 1867 Dallas, Zool. Rec. 3: 561. [Key.]
 1872 Fieber, Katalog Europäischen Cicadinen 1872: 3. [List of European species.]
 Equals *Helicoptera* Sahlb. (in part.) Equals *Cixius* Zett. (in part.)
 1873 Marschall, Nomenclator Zoologicus 1873: 358. [Listed.]
 1873 Fieber, Rev. Mag. Zool. (3) 3: 351 (64). [Key.]
 1875 Puton, Catalogue Hémiptères d'Europe. Second Ed. 1875: 112. [List of European species.]
 1876 Fieber, Rev. Mag. Zool. (3) 4: 173 (163). [Listed.] Equals *Cixius* Zett. (in part.)
 1882 Scudder, Bull. United States Nat. Mus. 19: 70. [Listed.]
 1884 Mayr, Tabellen der Cicadinen von Centraleuropa 1884: 16. [Listed.]
 1886 Puton, Catalogue Hémiptères Faune Paléarctique. Third Ed. 1886: 69. [List of Palearctic species.]
 1889 Ashmead, Ent. Americana 5: 25. [Key.]
 1899 Puton, Catalogue Hémiptères Faune Paléarctique. Fourth Ed. 1899: 102. [List of Palearctic species.]
 1907 Oshanin, Ann. Mus. Zool. St. Petersburg 12: 251. [Catalogue of Palearctic species.] Equals *Helicoptera* Sahlb. (in part.)
 1912 Oshanin, Katalog paläarktischen Hemipteren 1912: 120. [List of Palearctic species.]
 1920 Tullgren and Wahlgren, Svenska Insekter. 1920: 153. [Notes.]
 1927 Lindberg, Not. Ent. 7: 88. [Described.] Equals *Helicoptera* Sahlb. (in part.)
 1927 Schulze, Kükenthal and Heider, Nomenclator Animalium 2 (7): 710. [Listed.]
 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 196. [Listed.]
 1939 Neave, Nomenclator Zoologicus 1: 748. [Listed.]

confinis Zetterstedt

- 1828 *C[icada] confinis* Zetterstedt, Fauna Insectorum Lapponica 1: Lapland¹
 527. [n. sp.]¹ Sweden²
 1840 *C[ixius] confinis* Zetterstedt, Insecta Lapponica 1: 304. [De- Scandinavia³
 scribed.]¹ Russia⁴
 1850 *C[ixius] confinis* Schaum, Allgemeine Encyklopädie Ersch und Northern
 Gruber 51: 68. [Listed.]¹ Europe⁵
 1866 *C[ixidia] confinis* Fieber, Verh. Zool. Bot. Ges. Wien 16: 499. Southern
 Equals *Cixius [confinis]* Zett.] Finland⁶
 1871 *H[elicoptera] confinis* Sahlberg, Not. Fennica (n.s.) 9 (12): 31. Southern
 [Listed.] :54, 55. [Listed.]² :390. [Described.]² Equals *Cixidia [con-* Sweden⁷
finis Fieb.] Equals *Cixius [confinis]* Zett.]
 1872 *[Cixidia] confinis* Fieber, Katalog Europäischen Cicadinen 1872: 3. [Listed.]¹
 1875 *[Cixidia] confinis* Puton, Catalogue Hémiptères d'Europe. Second Ed. 1875: 112.
 [Listed.]³
 1876 *C[ixidia] confinis* Fieber, Rev. Mag. Zool. (3) 3: 174 (164). [Described.]¹ Equals
Cixius confinis Zett.
 1886 *[Cixidia] confinis* Puton, Catalogue Hémiptères Faune Paléarctique. Third Ed.
 1886: 69. [Listed.]^{3,4}
 1899 *[Cixidia] confinis* Puton, Catalogue Hémiptères Faune Paléarctique. Fourth Ed.
 1899: 102. [Listed.]^{3,4}
 1907 *Cixidia confinis* Oshanin, Ann. Mus. Zool. St. Petersburg 12: 251. [Catalogued.]²
 Equals *Cixius confinis* Zett. Equals *Helicoptera confinis* Sahlb.
 1912 *Cixidia confinis* Oshanin, Katalog paläarktischen Hemipteren 1912: 120. [Listed.]³
 1920 *C[ixidia] confinis* Tullgren and Wahlgren, Svenska Insekter 1920: 153. [Listed.]
 1924 *Cixidia confinis* Lindberg, Acta Soc. Fauna Flora Fennica 56: 40. [Notes.]¹

- 1925 *Cicada confinis* Sherborn, Index Animalium 7: 1457. [Listed.]
 1925 *Cixius confinis* Sherborn, Index Animalium 7: 1457. [Listed.]
 1927 *C[ixidia] confinis* Lindberg, Not. Ent. 7: 89. [Described.]^{6,7} Equals *Cixius confinis* Zett. Equals *Helicoptera confinis* Sahlb.

Genus **CATONIDIA** Uhler

Haplotype *Catonidia sobrina* [n. sp.] 1896 Uhler, Proc. United States Nat. Mus. 19: 281.

Type *C[atonidia] sobrina* 1912 Oshanin, Katalog paläarktischen Hemipteren 1912: 121.

- Catonidia* 1896 Uhler, Proc. United States Nat. Mus. 19: 281. [gen. n.]
Catonida [sic] 1900 Matsumura, Ent. Nachr. 26: 209 (5). [Listed.]
Catonidia 1902 Waterhouse, Index Zoologicus 1902: 64. [Listed.]
 1903 Henshaw, Psyche 10: 227. [Listed.]
 1907 Oshanin, Ann. Mus. Zool. St. Petersburg 12: 251. [Catalogue of Palearctic species.]
 1912 Oshanin, Katalog paläarktischen Hemipteren 1912: 121. [List of Palearctic species.]
 1914 Matsumura, Ann. Mus. Nat. Hungarici 12: 278. [Listed.]
 1927 Schulze, Kükenthal and Heider, Nomenclator Animalium 2 (6): 571. [Listed.]
 1939 Neave, Nomenclator Zoologicus 1: 607. [Listed.]

intricata Uhler. See *Catonia intricata* Uhler.

sobrina Uhler

- 1896 *Catonidia sobrina* Uhler, Proc. United States Nat. Mus. 19: 282. Japan¹
 [n. sp.]¹ Honshu²
 1900 *C[atonidia] sobrina* Matsumura, Ent. Nachr. 26: 209 (5). [Listed.]²
 1900 *Catonidia sobrina* Nawa, Insect World 4: 85. [Notes.]¹
 1903 *Catonidia sobrina* Henshaw, Psyche 10: 227. [Listed.]¹
 1907 *Catonidia sobrina* Matsumura, Annot. Zool Japonenses 6: 86. [Listed.]
 1907 *Catonidia sobrina* Oshanin, Ann. Mus. Zool. St. Petersburg 12: 252. [Catalogued.]¹
 1912 *Catonidia sobrina* Oshanin, Katalog paläarktischen Hemipteren 1912: 121. [Listed.]²
 1914 *Catonidia sobrina* Matsumura, Ann. Mus. Nat. Hungarici 12: 268. [Listed.]²
 1932 *Catonidia sobrina* Esaki, Iconographie Insectorum Japonicorum 1932: [1787]; 1 Fig. [Described, illustrated.]²
 1933 *Catonidia sobrina* Kato, Three Colour Illustrated Insects of Japan 4: Pl. 10, Fig. 7. [Illustrated.]¹

Genus **ISSIDIUS** Puton

Orthotype *Issus rotundiceps* 1898 Puton, Rev. Ent. 17: 170.

Type *I[ssidius] rotundiceps* 1912 Oshanin, Katalog paläarktischen Hemipteren 1912: 120.

- Issidius* 1898 Puton, Rev. Ent. 17: 170. [gen. n.]
 1899 Puton, Catalogue Hémiptères Faune Paléarctique. Fourth Ed. 1899: 102. [List of Palearctic species.]
 1902 Waterhouse, Index Zoologicus 1902: 185. [Listed.]
 1907 Oshanin, Ann. Mus. Zool. St. Petersburg 12: 152. [Catalogue of Palearctic species.]

Issidius—*Clusivius*—*Cnidus*

- 1912 Oshanin, Katalog paläarktischen Hemipteren **1912**: 120. [List of Palearctic species.]
 1930 Schulze, Kükenthal and Heider, Nomenclator Animalium **3** (13): 1701. [Listed.]
 1939 Neave, Nomenclator Zoologicus **2**: 798. [Listed.]

rotundiceps Puton and Lethierry

- 1887 *Issus rotundiceps* Puton and Lethierry, Rev. Ent. **6**: 309. [n. sp.]¹ Algeria⁴
 1890 *Issus rotundiceps* Puton, Rev. Ent. **9**: 234. [Comparative note.] French West
 1898 *Issidius rotundiceps* Puton, Rev. Ent. **17**: 171. [Described.]¹ Africa²
 1899 *Issidius rotundiceps* Puton, Catalogue Hémiptères Faune Palé-
 arctique. Fourth Ed. **1899**: 102. [Listed.]¹
 1907 *Issidius rotundiceps* Oshanin, Ann. Mus. Zool. St. Petersburg **12**: 251 [Listed.]¹
 Equals *Issus rotundiceps* Leth.
 1912 *Issidius rotundiceps* Oshanin, Katalog palaarktischen Hemipteren **1912**: 120.
 [Listed.]¹
 1934 *Issidius rotundiceps* de Bergevin, Mem. Soc. Hist. Nat. Afrique du Nord **4**: 131.
 [Listed, food plants.]^{1,2}

Genus **CLUSIVIUS** Distant

Haplotype *Clusivius spectabilis* [n. sp.] 1917 Distant, Trans. Linn. Soc.
 London Zool. **17**: 277.

- Clusivus 1917 Distant, Trans. Linn. Soc. London Zool. **17**: 277. [gen. n.]
 1925 Muir, Pan-Pacific Ent. **1**: 161. [Listed.]
 1927 Schulze, Kükenthal and Heider, Nomenclator Animalium **2** (7): 730. [Listed.]
 1939 Neave, Nomenclator Zoologicus **1**: 770. [Listed.]

spectabilis Distant

- 1917 *Clusivius spectabilis* Distant, Trans. Linn. Soc. London Zool. **17**: 277; Pl. 49, Figs. 15, 15a. [n. sp., illustrated.]^{1,2,3} Seychelles¹
 Silhouette²
 Mahe³

Genus **CNIDUS** Stål

Haplotype *Cixius variegatus* 1866 Stål, Hemiptera Africana **4**: 185.

- Cnidus 1866 Stål, Hemiptera Africana **4**: 185. [gen. n.] :182. [Key.]
 1873 Marschall, Nomenclator Zoologicus **1873**: 359. [Listed.]
 1882 Scudder, Bull. United States Nat. Mus. **19**: 72. [Listed.]
 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **3**: 120. [Comparative
 note.]
 1927 Schulze, Kükenthal and Heider, Nomenclator Animalium **2** (7): 736. [Listed.]
 1939 Neave, Nomenclator Zoologicus **1**: 776. [Listed.]
 1941 Jacobi, Zool. Jahrb. Syst. Ökol. **74**: 295. [Comparative note.]

variegatus Stål

- 1855 *C[ixius]* (?) *variegatus* Stål, Öfv. Svenska Vet. Akad. Förh. **12**: 92. Natal¹
 [n. sp.]¹ Cape of
 1858 *Cixius* (?) *variegatus* Walker, List of Homopterous Insects. Ad- Good Hope²
 denda **1858**: 321. [Listed.]¹
 1859 *Cixius variegatus* Dohrn, Catalogus Hemipterorum **1859**: 61. [Listed.]²
 1866 *C[nidus]* *variegatus* Stål, Hemiptera Africana **4**: 185. [Described.]² Equals *Cixius* (?)
variegatus Stål.

Genus **ELIDIPTERA** Spinola

- Logotype *Elidiptera callosa* 1840 Duponchel, Rev. Zool. **2**: 202.
 Type *Elidiptera callosa* 1903 Kirkaldy, Entomologist **36**: 214.
 Logotype [*Elidiptera*] *collaris* [sic] 1916 Van Duzee, Check List of Hemiptera of America North of Mexico **1916**: 79.
 Logotype [*Elidiptera*] *callosa* 1917 Van Duzee, Catalogue of Hemiptera of America North of Mexico **1917**: 726.
 Logotype *Elidiptera callosa* 1922 Metcalf, Canadian Ent. **54**: 263.
 Logotype [*Elidiptera*] *callosa* 1922 Muir, Canadian Ent. **54**: 61.
 Logotype *Elidiptera callosa* 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 376.
 Type [*Elidiptera*] *callosa* 1939 Usinger, Psyche **46**: 67.

[*Helicoptera* Amyot and Serville]

- [Orthotype *Elidiptera callosa* 1843 Amyot and Serville, Histoire Naturelle des Insectes. Hémiptères. **1843**: 526].
 [Pseudotype *H[elicoptera] cincticeps* 1912 Oshanin, Katalog paläarktischen Hemipteren **1912**: 120.]
 [Pseudotype [*Helicoptera*] *cincticeps* 1917 Van Duzee, Catalogue of Hemiptera of America North of Mexico **1917**: 826.]
 [Pseudotype *H[elicoptera] cincticeps* 1929 Haupt, Zool. Jahrb. Syst. Ökol. **58**: 196.]

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|-------------------------|---|
| Elidiptera | 1839 Spinola, Ann. Soc. Ent. France 8 : 304. [gen. n.] |
| <i>Elydiptera</i> [sic] | 1839 Spinola, Ann. Soc. Ent. France 8 : 203. [Key.] |
| Elidiptera | 1840 Duponchel, Rev. Zool. 1 : 202. [Described.] |
| | 1842 Agassiz, Erichson and Germar, Nomenclator Zoologicus 1842 : 8. [Listed.] |
| <i>Helicoptera</i> | 1843 Amyot and Serville, Histoire Naturelle des Insectes. Hémiptères 1843 : 526. Nom. nov. for <i>Elidiptera</i> Spinola. [Described.] |
| <i>Elydiptera</i> [sic] | 1846 Agassiz, Erichson and Germar, Nomenclator Zoologicus. Addenda. 1846 : 5. [Listed.] Equals <i>Elidiptera</i> Spin. |
| <i>Helicoptera</i> | 1846 Agassiz, Erichson and Germar, Nomenclator Zoologicus. Addenda. 1846 : 6. [Listed.] |
| Elidiptera | 1848 Agassiz, Nomenclatoris Zoologici Index Universalis 1848 : 392. [Listed.] |
| <i>Helicoptera</i> | 1848 Agassiz, Nomenclatoris Zoologici Index Universalis 1848 : 503. [Listed.] |
| Elidiptera | 1849 Blanchard, Dictionnaire Universel d'Histoire Naturelle 6 : 516. Equals <i>Helicoptera</i> Amy. and Serv. |
| | 1849 Desmarest, Dictionnaire Universel d'Histoire Naturelle 5 : 276. [Described.] Equals <i>Helicoptera</i> Amy. and Serv. |
| <i>Helicoptera</i> | 1850 Schaum, Allgemeine Encyklopädie Ersch und Gruber 61 : 68. [Described.] Equals <i>Elidiptera</i> Spin. |
| Elidiptera | 1850 Spinola, Mem. Soc. Italiana Modena 25 (1): 52. [Key.] |
| | 1851 Walker, List of Homopterous Insects 2 : 328. [New species from various regions.] Equals <i>Helicoptera</i> Amy. and Serv. |
| | 1857 Walker, Jour. Proc. Linn. Soc. 1 : 86. [Listed.] |
| | 1858 Walker, Insecta Saundersiana 1858 : 39. [New species.] |
| | 1858 Walker, List of Homopterous Insects. Supplement 1858 : 68. [Listed.] |
| | 1858 Walker, List of Homopterous Insects. Addenda 1858 : 319. [Listed.] |
| | 1859 Dohrn, Catalogus Hemipterorum 1859 : 65. [List of species.] |
| | 1859 Stål, Berliner Ent. Zeit. 3 : 320. Equals <i>Helicoptera</i> Amy. and Serv. |

Elidiptera

1860 Signoret, Ann. Soc. Ent. France (3) **8**: 199. [Listed.] Equals *Helicoptera* Amy. and Serv.

1862 Costa, Ann. Mus. Zool. Napoli **1**: 78. [Described.] Equals *Helicoptera*

1862 Signoret, Ann. Soc. Ent. France (4) **2**: 591, 592. [Listed.]

1862 Stål, Jour. Ent. **1**: 479, 480. [Listed.]

1862 Stål, Ann. Soc. Ent. France (4) **2**: 591, 592. [Listed.]

1862 Walker, Jour. Ent. **1**: 307. [Listed.]

1863 Stål, Stett. Ent. Zeit. **24**: 99, 100. [Listed.]

Helicoptera 1866 Stål, Hemiptera Africana **4**: 182. [Key.] :184. [Described.] Equals *Elidiptera* Spin.

Helicopteræ [sic] 1866 Stål, Hemiptera Africana **4**: 185. [Comparative note.]

Helicoptera 1871 Sahlberg, Not. Fennica (n.s.) **9** (12): 54. [Listed.] :73. [Key.] :387. [Described.]

1872 Fieber, Katalog Europäischen Cicadinen **1872**: 3. [List of European species.] Equals *Elidiptera* Spin. Equals *Cixius* Zett. (in part.)

1875 Fieber, Rev. Mag. Zool. (3) **3**: 351 (64). [Key.]

1875 Puton, Catalogue Hémiptères d'Europe. Second Ed. **1875**: 112. Equals *Elidiptera* Spin.

1876 Fieber, Rev. Mag. Zool. (3) **4**: 169 (159). [Key to European species.] Equals *Elidiptera* Spin.

Elidiptera 1878 Glover, Manuscript Notes **1878**: Pl. 1. [Listed.]

1882 Scudder, Bull. United States Nat. Mus. **19**: 109. [Listed.]

Elydiptera [sic] 1882 Scudder, Bull. United States Nat. Mus. **19**: 110. [Listed.]

Helicoptera 1882 Scudder, Bull. United States Nat. Mus. **19**: 143. [Listed.]

1884 Mayr, Tabellen der Cicadinen von Centraleuropa **1884**: 16. [Listed.]

1884 Uhler, Standard Natural History **2**: 239, Fig. 308. [Notes, illustrated.]

1886 Atkinson, Jour. Asiatic Soc. Bengal **55**: 36. [Described.] Equals *Elidiptera* Spin.

1886 Puton, Catalogue Hémiptère Faune Paléarctique. Third Ed. **1886**: 69. Equals *Elidiptera* Spin.

1887 Ragusa, Nat. Siciliano **6**: 185. [Listed.]

1888 Uhler, Riverside Natural History **2**: 239, Fig. 308. [Notes, illustrated.]

1889 Ashmead, Ent. Americana **5**: 23. [Key.]

Elidiptera 1890 Scudder, Rept. United States Geol. Surv. Terr. **13**: 297. [Listed.]

Helicoptera 1894 Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 192. [Listed.]

1897 Horváth, Fauna Regni Hungariae **1897**: 54. [List of species from Hungary.]

1898 Puton, Rev. Ent. **17**: 170. [Comparative note.]

1899 Melichar, Ent. Jahrb. **1889**: 189 (12). [Listed.]

1899 Puton, Catalogue Hémiptères Faune Paléarctique. Fourth Ed. **1899**: 102. Equals *Elidiptera* Spin.

1900 Luger, Bull. Minnesota Agr. Exp. Sta. **69**: 116; Fig. 109. [Notes, illustrated.]

1900 Smith, Ann. Rept. New Jersey State Bd. Agr. Suppl. **27**: 87. [Listed.]

1901 Howard, The Insect Book **1901**: 235; Fig. 127. [Illustrated.]

1901 Lambertia, Act. Soc. Linn. Bordeaux **56**: 213 (85). [Listed.] Equals *Elidiptera* Spin.

1901 Melichar, Ent. Jahrb. **1901**: 43 (10). [Listed.]

Elidiptera 1903 Kirkaldy, Entomologist **36**: 79. [Listed.] Equals *Flatoïdes* Amy. and Serv. [error.] Equals *Helicoptera* Amy. and Serv. :214. [Listed.]

Helicoptera 1903 Kirkaldy, Entomologist **36**: 233. Equals *Elidiptera*.

1904 Fowler, Biologia Centrali-Americana **1**: 103. [Key.] :106. [Notes.] Equals *Elidiptera* Spin. :107, 108. [Comparative notes.]

1904 Swezey, Preliminary Catalogue of Fulgoridae of North America **1904**: 20. Equals *Elidiptera* Spin.

- 1904 Wirtner, Ann. Carnegie Mus. **3**: 213. [Listed.]
- 1905 Fowler, Biologia Centrali-Americana **1**: 137.
- Elidiptera 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **1** (9): 421. [Comparative note.]
- Helicoptera* 1907 Distant, Ann. Mag. Nat. Hist. (7) **19**: 293. [Comparative note.]
- 1907 Oshanin, Ann. Mus. Zool. St. Petersburg **12**: 250. Equals *Elidiptera* Spin.
- 1908 Horváth, Ann. Mus. Nat. Hungarici **6**: 10. [Listed.]
- 1908 Melichar, Čas. České Spol. Ent. **5**: 7. [Comparative note.]
- 1908 Van Duzee, Proc. Acad. Nat. Sci. Philadelphia **1907**: 475. Equals *Elidiptera* Spin.
- 1910 Lambertie, Misc. Ent. **18**: 88. [Listed.] Equals *Elidiptera* Spin.
- Elidiptera 1910 Smith, Ann. Rept. New Jersey State Mus. **1909**: 95. [Listed.] Equals *Helicoptera*
- 1910 Van Duzee, Canadian Ent. **42**: 262. Equals *Helicoptera* Amy. and Serv.
- 1910 Van Duzee, Trans. American Ent. Soc. **36**: 84. Equals *Helicoptera* Amy. and Serv.
- Helicoptera* 1912 Horváth, Proc. Int. Zool. Congr. **7**: 568. [Listed.]
- 1912 Oshanin, Katalog paläarktischen Hemipteren **1912**: 120. Equals *Elidiptera* Spin.
- 1914 Matsumura, Ann. Mus. Nat. Hungarici **12**: 281. [Listed.] Equals *Elidiptera* Spin.
- 1915 Brues and Melander, Key to Families of North American Insects **1915**: 75. [Listed.]
- Elidiptera 1916 Van Duzee, Check List of Hemiptera of America North of Mexico **1916**: 79. Equals *Helicoptera* Amy. and Serv.
- 1917 Van Duzee, Catalogue of Hemiptera of American North of Mexico **1917**: 726. Equals *Helicoptera* Amy. and Serv.
- Helicoptera* 1918 de Bergevin, Bull. Soc. Hist. Nat. Afrique du Nord **9**: 186. [List of Palearctic species.]
- Elidiptera 1920 Britton, Bull. Connecticut Geol. Nat. Hist. Surv. **31**: 45. [Listed.] Equals *Helicoptera* Amy. and Serv.
- Helicoptera* 1920 Tullgren and Wahlgren, Svenska Insekter **1920**: 153. [Notes.]
- Elidiptera 1922 Metcalf, Canadian Ent. **54**: 263. [Taxonomy.] :264. Equals *Helicoptera* Amy. and Serv.
- 1922 Muir, Canadian Ent. **54**: 61. [Notes.]
- 1926 Sherborn, Index Animalium **9**: 2116. [Listed.]
- Elydiptera* [sic] 1926 Sherborn, Index Animalium **9**: 2141. [Listed.] Equals *Elidiptera* Spin.
- Helicoptera* 1927 Sherborn, Index Animalium **12**: 2938. [Listed.]
- 1929 Haupt, Zool. Jahrb. Syst. Ökol. **58**: 96. [Key.]
- 1929 Luigioni, Atti Pontificia Accad. Sci. Nuovi Lincei **82**: 220 (22). [Listed.]
- Elidiptera 1929 Schulze, Kükenthal and Heider, Nomenclator Animalium **2** (10): 1120. [Listed.] Equals *Elydiptera* [sic] Spin.
- Elydiptera* [sic] 1929 Schulze, Kükenthal and Heider, Nomenclator Animalium **2** (10): 1126. [Listed.]
- Helicoptera* 1930 Schulze, Kükenthal and Heider, Nomenclator Animalium **3** (12): 1490. [Listed.]
- Elidiptera* [sic] 1932 Brues and Melander, Bull. Mus. Comp. Zool. Harvard Coll. **73**: 119. [Listed.]
- Elidiptera 1934 Heaton, Bull. Brooklyn Ent. Soc. **29**: 109. [List of species from Indiana.]
- Helicoptera* 1935 Haupt, Die Tierwelt Mitteleuropas. **4** (3): 124. [Key to Central European species.]
- Elidiptera 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 368. [Key.] :376. [Note.]
- 1939 Neave, Nomenclator Zoologicus **2**: 111. [Listed.]

Elidiptera

- Elydiptera* [sic] 1939 Neave, Nomenclator Zoologicus 2: 217. [Listed.]
Helicoptera 1939 Neave, Nomenclator Zoologicus 2: 590. [Listed.]
Elidiptera 1939 Usinger, Psyche 46: 67. [Comparative note.]
Helicoptera 1942 Essig, College Entomology 1942: 312. [Listed.]
 1942 de Seabra, Mem. Est. Mus. Zool. Univ. Coimbra 121: 11. [Listed.]

—— Walker (var.) [*inaequalis*]. See *Atracis inaequalis* var. *walkeri* Metcalf. Family FLATIDAE.

advena Spinola. See *Epiptera advena* Spinola.

alba Walker. See *Flatoides albus* Walker. Family FLATIDAE.

atrilinea Walker. See *Flatoides atrilinea* Walker. Family FLATIDAE.

basisigma Walker. See *Atracis basisigma* Walker. Family FLATIDAE.

callosa Spinola

- 1839 *Elidiptera callosa* Spinola, Ann. Soc. Ent. France 8: 305; Pl. 15, Brazil¹
 Fig. 2. [n. sp., illustrated.]¹ Trinidad²
 1840 *Elidiptera callosa* Duponchel, Rev. Zool. 2: 202. [Listed.]¹ Canal Zone³
 1843 [*Helicoptera callosa*] Amyot and Serville, Histoire Naturelle des
 Insectes. Hémiptères 1843: 526. Equals *Elidiptera callosa* Spin.
 1850 *H[elicoptera] callosa* Schaum, Allgemeine Encyklopädie Ersch und Gruber 51: 68.
 [Listed.]¹ Equals *Elidiptera callosa* Spin.
 1851 *Elidiptera callosa* Walker, List of Homopterous Insects 2: 328. [Listed.]¹
 1859 *Elidiptera callosa* Dohrn, Catalogus Hemipterorum 1859: 65. [Listed.]¹
 1922 *E[li]diptera callosa* Metcalf, Canadian Ent. 45: 264. [Taxonomy.]
 1922 *Elidiptera callosa* Muir, Canadian Ent. 54: 61; Fig. 1. [Described, illustrated.]²
 1924 *Elidiptera callosa* Sherborn, Index Animalium 5: 1002. [Listed.]
 1938 *Elidiptera callosa* Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. 82: 376; Pls. 2,
 10, 16. [Described, illustrated.]^{1,2,3}

cincticeps Spinola. See *Epiptera cincticeps* Spinola.

collaris. Typographical error for *Elidiptera callosa* Spinola.

colorata Van Duzee. See *Epiptera colorata* Van Duzee.

corticina Burmeister. See *Phalœnormorpha corticina* Burmeister. Family FLATIDAE.

debilis Walker. See *Flatoides debilis* Walker. Family FLATIDAE.

docilis Walker

- 1858 *Elidiptera docilis* Walker, List of Homopterous Insects. Supple- Rio de Janeiro¹
 ment 1858: 71. [n. sp.]¹
 1910 *Elidiptera* (?) *docilis* Distant, Ann. Mag. Nat. Hist. (8) 5: 321. [Listed.]¹

dorsisigna Walker. See *Flatoides dorsisigna* Walker. Family FLATIDAE.

emersoniadia. Typographical error for *Elidiptera emersoniana* Walker. See *Atracis emersoniana* Walker. Family FLATIDAE.

emersoniana Walker. See *Atracis emersoniana* Walker. Family FLATIDAE.

emersoniona. Typographical error for *Elidiptera emersoniana* Walker. See *Atracis emersoniana* Walker. Family FLATIDAE.

ferruginea Walker. See *Seliza ferruginea* Walker. Family FLATIDAE.

fimbria Walker. See *Atracis fimbria* Walker. Family FLATIDAE.

fimbriata. Typographical error for *Elidiptera fimbria* Walker. See *Atracis fimbria* Walker. Family FLATIDAE.

fimlivata Walker. See *Pterilia fimlivata* Walker. Family ISSIDAE.

floridae Walker. See *Epiptera floridae* Walker.

fusca Walker

- 1851 *Monopsis fusca* Walker, List of Homopterous Insects 2: 236. [n. Locality sp.]¹ unknown¹
 1859 *Monopsis fusca* Dohrn, Catalogus Hemipterorum 1859: 60. [Listed.]
 1908 *Helicoptera [fusca]* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia 1907: 476. Equals [*Monopsis*] *fusca* Walk.

fusiformis Van Duzee. See *Epiptera fusiformis* Van Duzee.

genei Spinola. See *Epiptera genei* Spinola.

guianae Walker. See *Flatoides guianae* Walker. Family FLATIDAE.

guyanae. Typographical error for *Elidiptera guianae* Walker. See *Flatoides guianae* Walker. Family FLATIDAE.

henshawi Van Duzee. See *Epiptera henshawi* Van Duzee.

humeralis Walker. See *Atracis humeralis* Walker. Family FLATIDAE.

hyaesthes Amyot. See *Hyaesthes obsoletus* Signoret. Family CIXIIDAE, Fascicle IV, Part 2.

inaequalis Walker. See *Atracis inaequalis* Walker. Family FLATIDAE.

inaequalis var.——Walker. See *Atracis inaequalis* var. *walkeri* Metcalf. Family FLATIDAE.

indica Walker. See *Atracis indica* Walker. Family FLATIDAE.

leptarcya Amyot. See *Epiptera leptarcya* Amyot.

limitata Walker. See *Pterilia fimbriata* Walker. Family ISSIDAE.

longiceps Fowler

- 1904 *Helicoptera longiceps* Fowler, Biologia Centrali-Americana 1: 107; Panama¹ Pl. 11, Figs. 17, 17a, b. [n. sp., illustrated.]¹
 1910 [*Elidiptera* (?) *longiceps*] Van Duzee, Canadian Ent. 42: 263. Equals *Helicoptera longiceps* Fowl.
 1938 *Epiptera longiceps* Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. 82: 372. [Comparative note.] Equals *Helicoptera [longiceps]* Fowl.]

madagascariensis Signoret. See *Chaetormenis madagascariensis* Signoret. Family FLATIDAE.

marginicollis Spinola. See *Epiptera marginicollis* Spinola.

misbeca Amyot. See *Epiptera misbeca* Amyot.

obliqua Walker. See *Flatoloides obliquus* Walker. Family FLATIDAE.

occidentalis. Typographical error for *Elidiptera occidentis* Walker. See *Flatoidinus occidentis* Walker. Family FLATIDAE.

occidentis Walker. See *Flatoidinus occidentis* Walker. Family FLATIDAE.

ochrophara Amyot. See *Epiptera ochrophara* Amyot.

opaca Say. See *Epiptera opaca* Say.

pallida Say. See *Epiptera pallida* Say.

parnassia Stål. See *Epiptera parnassia* Stål.

perplexa Walker. See *Atracis perplexa* Walker. Family FLATIDAE.

pinorum Manee. See *Epiptera opaca* Say.

pruinosa Walker. See *Atracis pruinosa* Walker. Family FLATIDAE.

punctata Walker. See *Flatoides punctata* Walker. Family FLATIDAE.

puncticeps Walker. See *Atracis puncticeps* Walker. Family FLATIDAE.

punctifera Walker. See *Eurocalia punctifera* Walker. Family FLATIDAE.

punctigera Walker. See *Paradascalia punctigera* Walker. Family FLATIDAE.

rufescens Walker. See *Trienopa (Eriphyle) rufescens* Walker. Family ISSIDAE.

sabecus Amyot. See *Epiptera sabecus* Amyot.

septentrionalis Provancher. See *Epiptera septentrionalis* Provancher.

Elidiptera—*Deferunda*—*Ballonymus*—*Uniptera*

slossoni Van Duzee. See *Epiptera slossoni* Van Duzee.

smaragdilinea Walker. See *Miasa smaragdilinea* Walker. Family DICTYOPHARIDAE, Fascicle IV, Part 8.

stabilis Walker

1858 *Elidiptera stabilis* Walker, *Insecta Saundersiana* 1858: 40. [n. sp.]¹ Brazil¹

tristirops Amyot. See *Epiptera tristirops* Amyot.

tuberculosa Walker. See *Atracis tuberculosa* Walker. Family FLATIDAE.

variegata Van Duzee. See *Epiptera variegata* Van Duzee.

vestita Provancher. See *Epiptera opaca* Say.

woodworthi Van Duzee. See *Epiptera woodworthi* Van Duzee.

Genus **DEFERUNDA** Distant

Haplotype *Deferunda stigmatica* [n. sp.] 1912 Distant, *Ann. Mag. Nat. Hist.* (8) 9: 186.

Type *D[eferunda] stigmatica* 1916 Distant, *Fauna of British India* 6: 57.

Deferunda 1912 Distant, *Ann. Mag. Nat. Hist.* (8) 9: 186. [gen. n.]

1916 Distant, *Fauna of British India* 6: 57. [Described.]

1928 Schulze, Kükenthal and Heider, *Nomenclator Animalium* 2 (8): 936. [Listed.]

1939 Neave, *Nomenclator Zoologicus* 2: 26. [Listed.]

stigmatica Distant

1912 *Deferunda stigmatica* Distant, *Ann. Mag. Nat. Hist.* (8) 9: 186. Bengal¹
[n. sp.]¹

1916 *Deferunda stigmatica* Distant, *Fauna of British India* 6: 67; Fig. 41. [Described, illustrated.]¹

1934 *Deferunda stigmatica* Chatterjee and Bose, *Indian For. Rec.* 19 (8): 4. [Listed.]¹

Genus **BALLONYMUS** Jacobi

Orthotype *Ballonymus anticus* [n. sp.] 1941 Jacobi, *Zool. Jahrb. Syst. Ökol.* 74: 295.

Ballonymus 1941 Jacobi, *Zool. Jahrb. Syst. Ökol.* 74: 295. [gen. n.]

anticus Jacobi

1941 *Ballonymus anticus* Jacobi, *Zool. Jahrb. Syst. Ökol.* 74: 296. [n. sp.]^{1,2} Sumbawa¹
Flores²

Genus **UNIPTERA** Ball

Orthotype *Uniptera ampliata* [n. sp.] 1933 Ball, *Pan-Pacific Ent.* 9: 133.

Uniptera 1933 Ball, *Pan-Pacific Ent.* 9: 133. [gen. n.]

1940 Neave, *Nomenclator Zoologicus* 4: 613. [Listed.]

ampliata Ball

1933 *Uniptera ampliata* Ball, *Pan-Pacific Ent.* 9: 134. [n. sp., food California¹
plants.]¹

Genus **KOLOPTERA** Metcalf

Orthotype *Koloptera callosa* [n. sp.] 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 371.

Koloptera 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 371. [gen. n.] :368. [Key.]

callosa Metcalf

1938 *Koloptera callosa* Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. Panama¹
82: 372; Pls. 2, 9, 16. [n. sp., illustrated.]¹

Genus **EPIPTERA** Metcalf

Orthotype *Falta* [sic] *opaca* 1922 Metcalf, Canadian Ent. **54**: 264.

- Elidiptera* [nec Spinola] 1859 Stål, Berliner Ent. Zeit. **3**: 320. [A new species from Europe, comparative note.]
- Helicoptera* [nec Amyot and Serville] 1875 Puton, Catalogue Hémiptères d'Europe. Second Ed. **1875**: 112. [List of European species.]
- 1884 Uhler, Standard Natural History **2**: 239; Fig. 308. [Notes, illustrated.]
- 1886 Puton, Catalogue Hémiptères Faune Paléarctique. Third Ed. **1886**: 69. [List of Palearctic species.]
- 1888 Uhler, Riverside Natural History **2**: 239; Fig. 308. [Notes, illustrated.]
- 1889 Provancher, Petite Faune Entomologique du Canada **3**: 216. [Key.] :219. [Described, key to Canadian species.]
- 1899 Puton, Catalogue Hémiptères Faune Paléarctique. Fourth Ed. **1899**: 102. [List of Palearctic species.]
- 1904 Swezey, Preliminary Catalogue of Fulgoridae of North America **1904**: 20. [Catalogue of North American species.]
- 1907 Oshanin, Ann. Mus. Zool. St. Petersburg **12**: 250. [Catalogue of Palearctic species.]
- 1908 Van Duzee, Proc. Acad. Nat. Sci. Philadelphia **1907**: 475. [Key to North American species.] :480. [Comparative note.]
- Elidiptera* [nec Spinola] 1910 Van Duzee, Canadian Ent. **42**: 262. [Catalogue of North American species.]
- Helicoptera* [nec Amyot and Serville] 1912 Oshanin, Katalog Paläarktischen Hemipteren **1912**: 120. [List of Palearctic species.]
- Elidiptera* [nec Spinola] 1915 Van Duzee, Jour. Ent. Zool. **7**: 120, 121. [Comparative notes.]
- Helicoptera* [nec Amyot and Serville] 1916 Oshanin, Horae Soc. Ent. Rossicae **42**: 89. [Bibliography.]
- Elidiptera* [nec Spinola] 1916 Van Duzee, Check List of Hemiptera of America North of Mexico **1916**: 79. [List of species from North America.]
- 1917 Van Duzee, Catalogue of Hemiptera of America North of Mexico **1917**: 726. [Catalogue of North American species.]
- Epiptera 1922 Metcalf, Canadian Ent. **54**: 264. [gen. n.]
- 1923 Metcalf, Jour. Elisha Mitchell Soc. **38**: 158. [Key, key to American species.] :148. Equals *Elidiptera* [nec] Spin.
- 1923 Van Duzee, Bull. Connecticut Geol. Nat. Hist. Surv. **34**: 29. [Key, key to species.] Equals *Elidip.*

Epiptera

- ter* [nec Spin.] Equals *Helicoptera* [nec Amy. and Serv.]
- Elidiptera* [nec Spinola] 1923 Van Duzee, Bull. Connecticut Geol. Nat. Hist. Surv. **34**: 30. [Comparative note.]
- Epiptera 1928 Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 42. [Notes, key to North American species.] Equals *Elidiptera* [nec Spin.] Equals *Helicoptera* [nec Amy. and Serv.]
- 1928 Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. **101**: 176. [List of species from New York.]
- 1929 Schulze, Kükenthal and Heider, Nomenclator Animalium **2** (10): 1174. [Listed.]
- 1933 Ball, Pan-Pacific Ent. **9**: 133, 134, 137. [Comparative notes.]
- 1938 Brimley, Insects of North Carolina **1938**: 99. [A list of North Carolina species.]
- 1938 Britton, Bull. Connecticut Geol. Nat. Hist. Surv. **60**: 21. [Listed.]
- 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 368. [Key.] :371, 373. [Comparative note.] :376. [Note.]
- 1938 Osborn, Bull. Ohio Biol. Surv. **6**: 292. [Key, described, key to species.]
- 1938 Spooner, Univ. Illinois Bull. **35** (70): 14, 17; Pl. I, Fig. 11; Pl. IV, Fig. 63; Pl. VI, Fig. 95. [Morphology of head, illustrated.]
- 1939 Neave, Nomenclator Zoologicus **2**: 269. [Listed.]
- 1939 Savely, Ecol. Mon. **9**: 377, 382. [Ecology.]
- 1939 Usinger, Psyche **46**: 65, 66, 67. [Comparative note.] :65. Equals *Helicoptera* Amy. and Serv. Equals *Elidiptera* nec Spin.
- 1946 Proctor, Biological Survey of the Mount Desert Region **7**: 94. [Listed.]

advena Spinola

- 1839 *Elidiptera advena* Spinola, Ann. Soc. Ent. France **8**: 307; Pl. 15, Figs. 3A–C. [n. sp., illustrated.]¹ Sardinia¹
France²
- 1843 [*Helicoptera advena*] Amyot and Serville, Histoire Naturelle des Insectes. Hémiptères **1843**: 526. Equals *Elidiptera advena* Spin. Italy³
- 1847 [*Elidiptera advena*] Amyot, Ann. Soc. Ent. France (2) **5**: 160. Spain⁴
To *Menocria* [non binom.] [error.]
- 1847 *Menocria advena* [nom binom.] Amyot, Ann. Soc. Ent. France (2) **5**: 161. [Described.]^{1,2,3} Equals [*Elidiptera advena* Spin. Equals [*Elidiptera genei* Spin. [error.]
- 1848 [*Elidiptera advena*] Amyot, Entomologie Française. Rhynchotes **1848**: 356. To *Menocria* [nom binom.] [error.]
- 1848 *Menocria advena* [nom binom.] Amyot, Entomologie Française. Rhynchotes **1848**: 357. [Described.]^{1,2,3} Equals [*Elidiptera advena* Spin. Equals [*Elidiptera genei* Spin. [error.]
- 1849 *Elidiptera advena* Desmarest, Dictionnaire Universel d'Histoire Naturelle **5**: 276. [Listed.]¹
- 1850 [*Helicoptera advena*] Schaum, Allgemeine Encyclopädie Ersch und Gruber **51**: 68. [Listed.]¹ Equals *Elidiptera advena* Spin.
- 1851 *Elidiptera advena* Walker, List of Homopterous Insects **2**: 328. [Listed.]¹
- 1859 *Elidiptera advena* Dohrn, Catalogus Hemipterorum **1859**: 65. [Listed.]¹
- 1862 *Elidiptera advena* Costa, Ann. Mus. Zool. Napoli **1**: 79. [Described.]³
- 1864 *Elidiptera advena* Costa, Ann. Mus. Zool. Napoli **2**: 105. [Listed.]
- 1872 [*Helicoptera advena*] Fieber, Katalog Europäischen Cicadinen **1872**: 3. [Listed.]¹

- 1875 [*Helicoptera*] *advena* Puton, Catalogue Hémiptères d'Europe. Second Ed. 1875: 112. [Listed.]¹
- 1876 *H[elicoptera] advena* Fieber, Rev. Mag. Zool. (3) 4: 172 (162). [Key.]¹ Equals *Elidiptera advena* Spin. :173 (163). [Comparative note.]
- 1886 [*Helicoptera advena*] Puton, Catalogue Hémiptères Faune Paléarctique. Third Ed. 1886: 69. [Listed.]¹
- 1899 [*Helicoptera*] *advena* Puton, Catalogue Hémiptères Faune Paléarctique. Fourth Ed. 1899: 102. [Listed.]¹
- 1906 *E[lidiptera] advena* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 1 (9): 422. [Comparative note.]
- 1907 *Helicoptera advena* Oshanin, Ann. Mus. Zool. St. Petersburg 12: 150. [Listed.]¹ Equals *Elidiptera advena* Spin.
- 1912 *Helicoptera advena* Oshanin, Katalog paläarktischen Hemipteren 1912: 120. [Listed.]¹
- 1918 *Helicoptera advena* de Bergevin, Bull. Soc. Hist. Nat. Afrique du Nord 9: 186. [Listed.]¹
- 1920 *Helicoptera advena* Codina, Bol. Soc. Ent. España 1: 104 (5). [Listed.]⁴
- 1922 *E[lidiptera] advena* Metcalf, Canadian Ent. 54: 264. [Taxonomy.]
- 1922 [*Elidiptera*] *advena* Muir, Canadian Ent. 54: 61. [Comparative note.]
- 1922 *Elidiptera advena* Sherborn, Index Animalium 1: 81. [Listed.]

brittoni Metcalf

- 1923 *Epiptera brittoni* Metcalf, Jour. Elisha Mitchell Soc. 38: 175; Pl. North Carolina¹
53, Fig. 263. [n. sp., illustrated.]^{1,2,3} :150. [Listed.] :159. [Key.] Connecticut²
- 1923 *Epiptera brittoni* Van Duzee, Bull. Connecticut Geol. Nat. Hist. New York³
Surv. 34: 29. [Listed.]² New
- 1928 *Epiptera brittoni* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. Brunswick⁴
13: 43. [Key.] :46. [Described.]^{1,2,3} British
- 1928 *Epiptera brittoni* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: Columbia⁵
726. [Listed.]³ Quebec⁶
- 1938 *E[piptera] brittoni* Brimley, Insects of North Carolina 1938: 99. Ontario⁷
[Listed.]¹ Saskatchewan⁸
- 1938 [*Epiptera*] *brittoni* Britton, Bull. Connecticut Geol. Nat. Hist. Manitoba⁹
Surv. 60: 21. [Listed.]²
- 1938 *Epiptera brittoni* Osborn, Bull. Ohio Biol. Surv. 6: 292. [Key.]
- 1941 *Epiptera brittoni* Brown, Tech. Bull. Canada Dept. Agr. 31: 16. [Food plants.]^{4,5,6,7,8,9}
:24. [Key.]

cincticeps Spinola

- 1839 *Elidiptera cincticeps* Spinola, Ann. Soc. Ent. France 8: 310. [n. Senegal¹
sp.]¹
- 1843 *Helicoptera cincticeps* Amyot and Serville, Histoire Naturelle des Insectes. Hémiptères 1843: 526. [Described.]¹ Equals *Elidiptera cincticeps* Spin.
- 1850 *H[elicoptera] cincticeps* Schaum, Allgemeine Encyclopädie Ersch und Gruber 51: 68. [Listed.]¹ Equals *Elidiptera c[incticeps]* Amy. and Serv.
- 1851 *Elidiptera cincticeps* Walker, List of Homopterous Insects 2: 328. [Listed.]¹ Equals *Helicoptera cincticeps* Amy. and Serv.
- 1859 *Elidiptera cincticeps* Dohrn, Catalogus Hemipterorum 1859: 65. [Listed.]¹
- 1866 *Helicoptera cincticeps* Stål, Hemiptera Africana 4: 185. [Described.]¹ Equals *Elidiptera cincticeps* Spin.
- 1905 *H[elicoptera] cincticeps* Melichar, Wien. Ent. Zeit. 24: 285. [Comparative note.]
- 1922 *Elidiptera cincticeps* Metcalf, Canadian Ent. 54: 264. [Taxonomy, notes.]
- 1925 *Elidiptera cincticeps* Sherborn, Index Animalium. 6: 1283. [Listed.]
- 1925 *Helicoptera cincticeps* Sherborn, Index Animalium 6: 1283. [Listed.] Equals *Elidiptera cincticeps* Spin.]

colorata Van Duzee

- 1908 *Helicoptera colorata* Van Duzee, Proc. Acad. Nat. Sci. Philadel- New York¹
phia 1907: 476. [n. sp., key.]¹ Eastern States²

Epiptera

- 1910 *Elidiptera colorata* Van Duzee, Canadian Ent. **42**: 262. [Catalogued.]¹
- 1910 [*Elidiptera*] *colorata* Van Duzee, Trans. American Ent. Soc. **36**: 73. [Comparative note.]
- 1916 *Elidiptera colorata* Van Duzee, Check List of Hemiptera of America North of Mexico **1916**: 69. [Listed.]²
- 1917 *Elidiptera colorata* Van Duzee, Catalogue of Hemiptera of America North of Mexico **1917**: 727. [Catalogued.]¹
- 1923 *Epiptera colorata* Metcalf, Jour. Elisha Mitchell Soc. **38**: 159; Pl. 53, Figs. 264. [Key, illustrated.]
- 1923 *Epiptera colorata* Van Duzee, Bull. Connecticut Geol. Nat. Hist. Surv. **34**: 29. [Key.] :30. [Notes.]¹
- 1928 *Epiptera colorata* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. **101**: 176. [Listed.]¹
- 1938 *Epiptera colorata* Osborn, Bull. Ohio Biol. Surv. **6**: 292. [Key.]

floridae Walker

- 1851 *Monopsis floridae* Walker, List of Homopterous Insects **2**: 326. Florida¹
[n. sp.]¹ Colorado²
- 1859 *Monopsis floridae* Dohrn, Catalogus Hemipterorum **1859**: 60. New Jersey³
[Listed.]¹ Rhode Island⁴
- 1895 *Helicoptera floridae* Gillette and Baker, Bull. Colorado Agr. Exp. Southern
Sta. **31**: 69. [Listed.]² States⁵
- 1897 *Helicoptera floridae* Baker, Ent. News **8**: 53. [Notes.]² Colorado (?)⁶
- 1904 *Helicoptera floridae* Swezey, Preliminary Catalogue of Fulgoridae of North America. **1904**: 20. [Catalogued.]² Texas⁷
- 1908 *Helicoptera* [*floridae*] Van Duzee, Proc. Acad. Nat. Sci. Philadelphia **1907**: 476. Equals *Monopsis floridae* Walk. Long Island⁸
- 1910 *E[lidiptera] floridae* Smith, Ann. Rept. New Jersey State Mus. Puerto Rico⁹
1909: 95. [Listed.]³ New York¹⁰
- 1910 *Elidiptera floridae* Van Duzee, Canadian Ent. **42**: 262. [Catalogued.]^{1,4}
- 1910 *Elidiptera floridae* Van Duzee, Trans. American Ent. Soc. **36**: 83. [Described.]³
- 1914 *Ellidiptera* [sic] *floridae* Barber, Bull. American Mus. Nat. Hist. **33**: 527. [Listed.]¹
- 1916 *Elidiptera floridae* Van Duzee, Check List of Hemiptera of America North of Mexico **1916**: 79. [Listed.]⁶
- 1917 *Elidiptera floridae* Van Duzee, Catalogue of Hemiptera of America North of Mexico **1917**: 727. [Catalogued.]^{1,3,4,6} Equals *Monopsis* [*floridae* Walk.] Equals *Helicoptera* [*floridae* Walk.]
- 1921 *Ellidiptera* [sic] *floridae* Osborn, Florida Ent. **5**: 15. [Listed.]¹
- 1923 *Epiptera floridae* Metcalf, Jour. Elisha Mitchell Soc. **38**: 159; Pl. 53, Fig. 258. [Key, illustrated.]
- 1928 *Epiptera floridae* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 43. [Key, comparative note.] :45. [Described.]^{1,3,4,6,7} Equals *Monopsis* [*floridae* Walk.]
- 1928 *Epiptera floridae* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. **101**: 176. [Listed.]^{8,10}
- 1938 *Epiptera floridae* Osborn, Bull. Ohio Biol. Surv. **6**: 293. [Key.]
- 1941 *Epiptera floridae* Wolcott, Jour. Agr. Univ. Puerto Rico **25**: 53. [Listed.]⁹

fusiformis Van Duzee

- 1910 *Elidiptera fusiformis* Van Duzee, Trans. American Ent. Soc. **36**: California¹
82. [n. sp.]¹ Pacific States²
- 1910 *Elidiptera fusiformis* Van Duzee, Canadian Ent. **42**: 263. [Catalogued.]¹
- 1916 *Elidiptera fusiformis* Van Duzee, Check List of Hemiptera of America North of Mexico **1916**: 79. [Listed.]²
- 1917 *Elidiptera fusiformis* Van Duzee, Catalogue of Hemiptera of America North of Mexico **1917**: 728. [Catalogued.]¹

genei Spinola

- 1839 *Elidiptera genei* Spinola, Ann. Soc. Ent. France **8**: 308. [n. sp.]¹ Italy¹
- 1847 [*Elidiptera*] *genei* Amyot, Ann. Soc. Ent. France (2) **5**: 160. To Northern Italy²
Menocria [non binom.] [error.] To *Menocria advena* Spin. [non Spain³
 binom.] [error.] Algeria⁴
- 1848 [*Elidiptera*] *genei* Amyot, Entomologie Française. Rhynchotes. Lusitania⁵
1848: 356. To *Menocria* [non binom.] [error.] To *Menocria advena*
 Spin. [non binom.] [error.]
- 1850 *H[elicoptera] genei* Schaum, Allgemeine Encyclopädie Ersch und Gruber **51**: 68.
 [Listed.]² Equals *Elidiptera g[enei]* Spin.
- 1851 *Elidiptera genei* Walker, List of Homopterous Insects **2**: 328. [Listed.]¹
- 1859 *Elidiptera genei* Dohrn, Catalogue Hemipterorum **1859**: 65. [Listed.]¹
- 1872 [*Helicoptera*] *genei* Fieber, Katalog Europäischen Cicadinen **1872**: 3. [Listed.]¹
- 1875 [*Helicoptera*] *genei* Puton, Catalogue Hémiptères d'Europe. Second Ed. **1875**: 112.
 [Listed.]¹
- 1876 *H[elicoptera] genei* Fieber, Rev. Mag. Zool. (3) **4**: 173 (163). [Described.]¹ Equals
Elidiptera [*genei* Spin.]
- 1877 *Helicoptera genei* Lethierry, Ann. Soc. Ent. Belgique **20**: 42. [Listed.]³
- 1880 *Helicoptera genei* Chicote, An. Soc. Española Hist. Nat. **9**: 199 (15). [Listed.]³
- 1886 [*Helicoptera*] *genei* Puton, Catalogue Hémiptères Faune Paléarctique. Third Ed.
1886: 69. [Listed.]¹
- 1899 [*Helicoptera*] *genei* Puton, Catalogue Hémiptères Faune Paléarctique. Fourth Ed.
1899: 102. [Listed.]¹
- 1907 *Helicoptera genei* Oshanin, Ann. Mus. Zool. St. Petersburg **12**: 251. [Listed.]^{1,3}
 Equals *Elidiptera genei* Spin.
- 1912 *Helicoptera genei* Oshanin, Katalog paläarktischen Hemipteren **1912**: 120. [Listed.]^{1,3}
- 1918 *Helicoptera genei* de Bergevin, Bull. Soc. Hist. Nat. Afrique du Nord **9**: 185, 186.
 [Listed.]^{1,3,4}
- 1926 *Elidiptera genei* Sherborn, Index Animalium **11**: 2655. [Listed.]
- 1942 [*Helicoptera*] *genei* de Seabra, Mem. Est. Mus. Zool. Univ. Coimbra **121**: 11. [Listed.]⁵

henshawi Van Duzee

- 1910 *Elidiptera henshawi* Van Duzee, Trans. American Ent. Soc. **36**: Washington¹
 83. [n. sp.]¹ Pacific States²
- 1910 *Elidiptera henshawi* Van Duzee, Canadian Ent. **42**: 262. [Cata- California³
 logued.]¹ British
- 1916 *Elidiptera henshawi* Van Duzee, Check List of Hemiptera of Columbia⁴
 America North of Mexico **1916**: 79. [Listed.]²
- 1917 *Elidiptera henshawi* Van Duzee, Catalogue of Hemiptera of America North of
 Mexico **1917**: 727. [Catalogued.]^{1,3}
- 1927 *Eiptera henshawi* Downes, Proc. Ent. Soc. British Columbia **1927**: 21. [Listed.]⁴
- 1933 [*Eiptera*] *henshawi* Ball, Pan-Pacific Ent. **9**: 133. [Comparative notes.]

hyalina Metcalf (var.). See *Eiptera lapponica* var. *hyalina* Metcalf.

karaseki Melichar

- 1905 *Helicoptera karaseki* Melichar, Wien. Ent. Zeit. **24**: 284. [n. sp.]¹ Kenya¹

lapponica Zetterstedt

- 1837 [*Flata*] *lapponica* Gistel, Faunus (2) **1**: 107 (12). [Listed.]¹ [nom. Bavaria¹
 nud.] Lapland²
- 1840 *C[ixius] lapponicus* Zetterstedt, Insecta Lapponica **1**: 304. [n. sp.]² Finland³
- 1850 *C[ixius] lapponicus* Schaum, Allgemeine Encyclopädie Ersch und Sweden⁴
 Gruber **51**: 68. [Listed.]² Hungary⁵
- 1867 *C[ixius] lapponicus* Sahlberg, Not. Fennica (n. s.) **8**: 231. [Listed.]² Romania⁶

Eiptera

- 1871 *[Helicoptera] lapponica* Sahlberg, Not. Fennica (n. s.) 9 (12): 54, Siberia⁷
55. [Listed.]^{3,4} :389. [Described.]^{3,4} Equals *Cixius lapponicus* Russia⁸
Zett. Scandinavia⁹
- 1872 *[Helicoptera] lapponica* Fieber, Katalog Europäischen Cicadinen Northern
1872: 3. [Listed.]² Russia¹⁰
- 1875 *[Helicoptera] lapponica* Puton, Catalogue Hémiptères d'Europe. Northern
Second Ed. 1875: 112. [Listed.]² Sweden¹¹
- 1876 *[Helicoptera] lapponica* Fieber, Rev. Mag. Zool. (3) 4: 173 (163).
[Key.]^{2,4} Equals *Cixius lapponicus* Zett.
- 1881 *Helicoptera lapponica* Puton, Bull. Soc. Ent. France (6) 1: cxlvii. [Listed.]⁵
- 1885 *Helicoptera lapponica* Reuter, Öfv. Finska Vet. Soc. Förh. 26: 28. [Listed.]⁷
- 1886 *[Helicoptera] lapponica* Puton, Catalogue Hémiptères Faune Paléarctique. Third Ed.
1886: 69. [Listed.]⁵
- 1899 *[Helicoptera] lapponica* Puton, Catalogue Hémiptères Faune Paléarctique. Fourth
Ed. 1899: 102. [Listed.]^{5,9}
- 1900 *Helicoptera lapponica* Montandon, Bull. Soc. Sci. Bucarest 9: 752. [Listed.]⁶
- 1907 *Helicoptera lapponica* Oshanin, Ann. Mus. Zool. St. Petersburg 12: 250. [Listed.]^{2,3,4,6,7}
Equals *Cixius lapponicus* Zett.
- 1907 *Helicoptera lapponica* Oshanin, Ann. Mus. Zool. St. Petersburg 12: 243 (31).
[Listed.]⁸
- 1908 *Helicoptera lapponica* Oshanin, Ann. Mus. Zool. St. Petersburg 13: 447. [Listed.]⁸
- 1912 *Helicoptera lapponica* Oshanin, Katalog paläarktischen Hemipteren 1912: 120
[Listed.]^{6,7,8,9}
- 1918 *Helicoptera lapponica* de Bergevin, Bull. Soc. Hist. Nat. Afrique du Nord 9: 186.
[Listed.]^{6,7,10}
- 1920 *[Helicoptera] lapponica* Tullgren and Wahlgren, Svenska Insekter 1920: 153.
[Notes.]⁴
- 1924 *Helicoptera lapponica* Lindberg, Acta Soc. Fauna Flora Fennica 56: 40. [Notes.]²
- 1927 *Helicoptera lapponica* Lindberg, Not. Ent. 7: 89. [Notes.]^{2,3,6,7,8,11}
- 1927 *Cixius lapponicus* Sherborn, Index Animalium 14: 3411. [Listed.]
- 1929 *Helicoptera lapponica* Lindberg, Comm. Biol. 3 (6): 14. [Listed.]

lapponica var. **hyalina** nom. nov. for *Helicoptera lapponica* var. *b* Sahlberg

- 1871 *[Helicoptera lapponica]* var. *b* Sahlberg, Not. Fennica (n. s.) 9 Sweden¹
(12): 390. [n. var.]^{1,2} Finland²
- 1885 *(Helicoptera lapponica)* var. *b* Reuter, Öfv. Finska Vet. Soc. Förh. Siberia³
26: 28. [Listed.]³

leptarcya Amyot

- 1847 *Leptarcya* [non binom.] Amyot, Ann. Soc. Ent. France (2) 5: 163. France¹
[Described.]¹
- 1848 *Leptarcya* [non binom.] Amyot, Entomologie Française. Rhynchotes. 1848: 359.
[Described.]¹
- 1851 *Elidiptera* (?) *leptarcya* Walker, List of Homopterous Insects 3: 335. [Listed.]¹
Equals *Leptarcya* Amy. [non binom.]
- 1927 *Leptarcya* (non binom.) Sherborn, Index Animalium 14: 3497. [Listed.]
- 1931 *Leptarcya* (non binom.) Schulze, Kükenthal and Heider, Nomenclator Animalium
3 (14): 1804. [Listed.]
- 1939 *Leptarcya* [non binom.] Neave, Nomenclator Zoologicus 2: 905. [Listed.]

longiceps Fowler. See *Elidiptera longiceps* Fowler.

marginicollis Spinola

- 1839 *Elidiptera marginicollis* Spinola, Ann. Soc. Ent. France 8: 309; Pl. Sicily¹
15, Figs. 4A–C. [n. sp., illustrated.]¹ France²

- 1843 [*Helicoptera marginicollis*] Amyot and Serville, Histoire Naturelle des Insectes. Hémiptères. **1843**: 526. Equals *Elidiptera marginicollis* Spin. Spain³
Sardinia⁴
Southern France⁵
- 1847 *Menocria* [non binom.] Amyot, Ann. Soc. Ent. France (2) **5**: 160. [Described.]^{2,3} Equals [*Elidiptera advena* Spin. [error.] Equals [*Elidiptera genei* Spin. [error.] Equals [*Elidiptera marginicollis* Spin. Italy⁶
Portugal⁷
Hungary⁸
- 1847 *Menocria marginicollis* [nom binom.] Amyot, Ann. Soc. Ent. France (2) **5**: 161. [Described.]^{1,3} Equals [*Elidiptera marginicollis* Spin. Yugoslavia⁹
Austria¹⁰
Syria¹¹
- 1848 *Menocria* [non binom.] Amyot, Entomologie Française. Rhynchotes. **1848**: 356. [Described.]^{2,3} Equals [*Elidiptera advena* Spin. [error.] Equals [*Elidiptera genei* Spin. [error.] Equals [*Elidiptera marginicollis* Spin. Southern Europe¹²
Asia Minor¹³
Switzerland¹⁴
- 1848 *Menocria marginicollis* [non binom.] Amyot, Entomologie Française. Rhynchotes. **1848**: 357. [Described.]^{1,3} Equals [*Elidiptera marginicollis* Spin. Lusitania¹⁵
- 1850 [*Helicoptera marginicollis* Schaum, Allgemeine Encyklopädie Ersch und Gruber **51**: 68. [Listed.]¹ Equals *Elidiptera m[arginicollis]* Spin.
- 1851 *Elidiptera marginicollis* Walker, List of Homopterous Insects **2**: 328. [Listed.]¹ Equals *Menocria* Amy. [non binom.]
- 1857 *Cixius marginicollis* Perris, Ann. Soc. Linn. Lyon **4**: 169 (89). [Listed.]²
- 1859 *Elidiptera marginicollis* Dohrn, Catalogus Hemipterorum **1859**: 65. [Listed.]¹
- 1872 [*Helicoptera marginicollis* Fieber, Katalog Europäischen Cicadinen **1872**: 3. [Listed.]⁴
- 1873 *Helicoptera marginicollis* Puton, Ann. Soc. Ent. France (5) **3**: 26. [Listed.]²
- 1875 [*Helicoptera marginicollis* Puton, Catalogue Hémiptères d'Europe. Second Ed. **1875**: 112. [Listed.]^{5,6}
- 1876 [*Helicoptera marginicollis* Fieber, Rev. Mag. Zool. (3) **4**: 171 (161). [Key.]^{1,5} Equals *Elidiptera marginicollis* Spin.
- 1879 *Helicoptera marginicollis* Bolívar and Chicote, An. Soc. Española Hist. Nat. **8**: 175. (29). [Listed.]³
- 1886 [*Helicoptera marginicollis* Puton, Catalogue Hémiptères Faune Paléarctique. Third Ed. **1886**: 69. [Listed.]^{3,5,6,7}
- 1887 [*Helicoptera marginicollis* Ragusa, Nat. Siciliano **6**: 185. [Listed.]¹
- 1895 *Helicoptera marginicollis* Puton and Noualhier, Rev. Ent. **14**: 172. [Listed.]¹¹
- 1897 [*Helicoptera marginicollis* Horváth, Fauna Regni Hungariae **1897**: 54. [Listed.]⁸
- 1897 *Helicoptera marginicollis* Melichar, Wien. Ent. Zeit. **16**: 147. [Listed.]^{3,5,6,8,9}
- 1899 [*Helicoptera marginicollis* Puton, Catalogue Hémiptères Faune Paléarctique. Fourth Ed. **1899**: 102. [Listed.]^{2,3,6,8}
- 1900 *Haplacha marginicollis* Fokker, Tijdschr. Ent. **42**: 7. [Listed.]³
- 1901 [*Helicoptera marginicollis* Lambertie, Act. Soc. Linn. Bordeaux **56**: 213 (85). [Listed.]²
- 1906 *Helicoptera marginicollis* Lambertie, Proc. Verb. Soc. Linn. Bordeaux **61**: xx (4). [Food plants.]²
- 1906 *Helicoptera marginicollis* Lambertie, Act. Soc. Linn. Bordeaux **61**: 28. [Described.]²
- 1907 *Helicoptera marginicollis* Lambertie, Proc. Verb. Soc. Linn. Bordeaux **62**: lxxviii (4). [Listed.]²
- 1907 *Helicoptera marginicollis* Oshanin, Ann. Mus. Zool. St. Petersburg **12**: 250. [Listed.]^{1,2,3,8,10,11} Equals *Elidiptera marginicollis* Spin.
- 1909 *Helicoptera marginicollis* Lambertie, Proc. Verb. Soc. Linn. Bordeaux **63**: cxvi, cxlvii. [Listed.]²
- 1910 [*Helicoptera marginicollis* Lambertie, Misc. Ent. **18**: 88. [Listed.]²
- 1912 *Helicoptera marginicollis* Oshanin, Katalog paläarktischen Hemipteren **1912**: 120. [Listed.]^{11,12}
- 1918 *Helicoptera marginicollis* de Bergevin, Bull. Soc. Hist. Nat. Afrique du Nord **9**: 186. [Listed.]^{11,12}

Epiptera

- 1922 *E[elidiptera] marginicollis* Metcalf, Canadian Ent. **54**: 264. [Taxonomy.]
 1922 *[Elidiptera] marginicollis* Muir, Canadian Ent. **54**: 61. [Comparative note.]
 1927 *Helicoptera marginicollis* Lindberg, Not. Ent. **7**: 90. [Listed.]¹³
 1928 *Helicoptera marginicollis* Kusnezov, Konowia **7**: 233. [Comparative note.]
 1928 *Menocria* (non binom.) Sherborn, Index Animalium **16**: 4004. [Listed.]
 1928 *Elidiptera marginicollis* Sherborn, Index Animalium **15**: 3884. [Listed.]
 1929 *[Helicoptera] marginicollis* Luigioni, Atti Pontificia Accad. Sci. Nuovi Lincei **82**: 220 (22). [Listed.]
 1931 *Menocria* (non binom.) Schulze, Kükenthal and Heider, Nomenclator Animalium **3** (15): 2031. [Listed.]
 1935 *Helicoptera marginicollis* Haupt, Die Tierwelt Mitteleuropas **4** (3): 124. [Key.]^{8,10}
 1939 *Helicoptera marginicollis* Cerutti, Mitth. Schweizerischen Ent. Ges. **17**: 444. [Listed.]¹⁴
 1940 *Menocria* [nom binom.] Neave, Nomenclator Zoologicus **3**: 103. [Listed.]
 1942 *[Helicoptera] marginicollis* de Seabra, Mem. Est. Mus. Zool. Univ. Coimbra **121**: 11. [Listed.]¹⁵

misbeca Amyot

- 1847 *Misbeca* [non binom.] Amyot, Ann. Soc. Ent. France (2) **5**: 163. Italy¹
 [Described.]¹
 1848 *Misbeca* [non binom.] Amyot, Entomologie Française. Rhynchotes. **1848**: 359.
 [Described.]¹
 1851 *Elidiptera* (?) *misbeca* Walker, List of Homopterous Insects **2**: 335. [Listed.]¹ Equals
Misbeca Amy. [non binom.]
 1928 *Misbeca* (nom binom.) Sherborn, Index Animalium **16**: 4105 [Listed.]
 1932 *Misbeca* (non binom.) Schulze, Kükenthal and Heider, Nomenclator Animalium **3**
 (16): 2114. [Listed.]
 1940 *Misbeca* [non binom.] Neave, Nomenclator Zoologicus **3**: 188. [Listed.]

obtusa Osborn [nom. nud.]

- 1938 *Epiptera obtusa* Osborn, Bull. Ohio Biol. Surv. **6**: 293. [Key.] [nom. nud.]

ochrophara Amyot

- 1847 *Ochrophara* [non binom.] Amyot, Ann. Soc. Ent. France (2) **5**: Sicily¹
 162. [Described.]¹
 1848 *Ochrophara* [non binom.] Amyot, Entomologie Française. Rhynchotes. **1848**: 358.
 [Described.]¹
 1851 *Elidiptera* (?) *ochrophara* Walker, List of Homopterous Insects **2**: 335. [Listed.]¹
 Equals *Ochrophara* Amy. [non binom.]
 1929 *Ochrophara* (non binom.) Sherborn, Index Animalium **18**: 4528. [Listed.]
 1933 *Ochrophara* (non binom.) Schulze, Kükenthal and Heider, Nomenclator Animalium
4 (17): 2297. [Listed.]
 1940 *Ochrophara* [non binom.] Neave, Nomenclator Zoologicus **3**: 374. [Listed.]

okunii Matsumura

- 1914 *Helicoptera okunii* Matsumura, Ann. Mus. Nat. Hungarici **12**: Hokkaido¹
 281. [n. sp.]¹

opaca Say

- 1830 *F[lata] opaca* Say, Jour. Acad. Nat. Sci. Philadelphia **6**: 239. [n. Ohio¹
 sp.]^{1,2} :240. [Comparative note.] Indiana²
 1835 *[Flata] opaca* Harris, Animals in Massachusetts **1835**: 579. Massachusetts³
 [Listed.]³ United States⁴
 1835 *[Flata] opaca* Harris, Catalogues of Animals and Plants of Massa- North
 chusetts **1835**: 59. [Listed.]³ America⁶

- 1850 *Poeciloptera* [sic] *opaca* Schaum, Allgemeine Encyklopädie Ersch und Gruber 51: 72. [Listed.] Equals *Flata opaca* Say. Pennsylvania⁶
New York⁷
- 1851 *Poeciloptera* [sic] (?) *opaca* Walker, List of Homopterous Insects 2: 469. [Listed.]⁴ Equals *Flata opaca* Say. Maryland⁸
New Jersey⁹
- 1852 *Poeciloptera* [sic] (?) *opaca* Walker, List of Homopterous Insects 4: 1139. [Listed.]² Equals *Flata opaca* Say. Georgia¹⁰
Tennessee¹¹
- 1859 *Poeciloptera* [sic] (?) *opaca* Dohrn, Catalogus Hemipterorum 1859: 66. [Listed.]⁵ New
Hampshire¹²
- 1859 [*Flata*] *opaca* Say, Entomology of North America 2: 374. [n. sp., reprinted.]^{1,2} :375. [Comparative note.] Ontario¹³
North
- 1869 [*Flata*] *opaca* Rathvon, Mombert's History Lancaster County, Pennsylvania 1869: 550. [Listed.]⁶ Carolina¹⁴
Canada¹⁵
- 1878 *Elidiptera opaca* Glover, Manuscript Notes 1878: Pl. 1, Fig. 49. [Listed, illustrated.] Equals *Flata opaca*. Eastern
States¹⁶
- 1884 *Helicoptera opaca* Uhler, Standard Natural History 2: 239. [Described.]^{2,6,7,8,9,10} South
Carolina¹⁷
- 1888 *Helicoptera opaca* Uhler, Riverside Natural History 2: 239. [Described.]^{2,6,7,8,9,10} British
Columbia¹⁸
- 1889 *Helicoptera vestita* Provancher, Petite Faune Entomologique du Canada 3: 221. [n. sp.]¹³ :220. [Key.] Mississippi¹⁹
- 1890 *Helicoptera opaca* Van Duzee, Psyche 5: 389. Equals *Flata opaca* Say.
- 1892 *Helicoptera vestita* Harrington, Ottawa Nat. 6: 31. [Listed.]¹
- 1894 *H[elicoptera] opaca* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: 192. [Listed.]⁷
- 1900 *H[elicoptera] opaca* Smith, Ann. Rept. New Jersey State Bd. Agr. Suppl. 27: 87. [Listed.]⁹
- 1902 *Flata opaca* Melichar, Ann. Nat. Hofmus. Wien. 17: 230. [Listed.]⁵
- 1904 *Helicoptera opaca* Swezey, Preliminary Catalogue of Fulgoridae of North America 1904: 20. [Catalogued.]^{1,2,6,7,8,9,10,12} Equals *Flata opaca* Say.
- 1904 *Helicoptera vestita* Swezey, Preliminary Catalogue of Fulgoridae of North America 1904: 20. [Catalogued.]¹³
- 1904 *H[elicoptera] opaca* Wirtner, Ann. Carnegie Mus. 3: 213. [Listed.]⁶
- 1908 *Helicoptera opaca* Fletcher and Gibson, Ann. Rept. Ent. Soc. Ontario 38: 129. [Listed.]¹³
- 1908 *Helicoptera opaca* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia 1907: 475. [Key.] :476. [Described.]^{7,13} Equals *Helicoptera vestita* Prov. (?) :476, 477, 479. [Comparative notes.]
- 1910 *Helicoptera pinorum* Manee, Ent. News 21: 117. [n. sp.]¹⁴
- 1910 *E[lidiptera] opaca* Smith, Ann. Rept. New Jersey State Mus. 1909: 95. [Listed.]⁹
- 1910 *Elidiptera opaca* Van Duzee, Canadian Ent. 42: 262. [Catalogued.]^{14,16} Equals [*Elidiptera*] *pinorum* Man. Equals [*Elidiptera*] *vestita* Prov.
- 1910 *Elidiptera opaca* Van Duzee, Trans. American Ent. Soc. 36: 83. Equals *Helicoptera pinorum* Man.
- 1912 *Elidiptera opaca* Van Duzee, Canadian Ent. 44: 325. Equals *Helicoptera vestita* Prov.
- 1913 *Elidiptera opaca* Metcalf, Ann. Ent. Soc. America 6: 351; Pl. XXXIII, Figs. 18, 19. [Wing venation, illustrated.]
- 1915 *Elediptera* [sic] *opaca* Metcalf, Jour. Elisha Mitchell Soc. 31: 45 (13). [Listed.]¹⁴
- 1916 *Elidiptera opaca* Van Duzee, Check List of Hemiptera of America North of Mexico 1916: 79. [Listed.]^{16,16} Equals [*Elidiptera*] *pinorum* Man. Equals [*Elidiptera*] *vestita* Prov.
- 1917 *Elidiptera opaca* Van Duzee, Catalogue of Hemiptera of America North of Mexico 1917: 727. [Catalogued.]^{2,6,7,8,9,10,12,13,14} Equals *Flata opaca* Say]. Equals *Helicoptera opaca* Say]. Equals *Helicoptera pinorum* Man. Equals *Helicoptera vestita* Prov.
- 1922 [*Eiptera*] *opaca* Metcalf, Canadian Ent. 54: 263. [Notes.]
- 1923 *Eiptera opaca* Metcalf, Jour. Elisha Mitchell Soc. 38: 159; Pl. 41, Fig. 49; Pl. 43, Fig. 72; Pl. 53, Fig. 265; Pl. 64, Fig. 516. [Key, illustrated.]
- 1923 *Eiptera opaca* Van Duzee, Bull. Connecticut Geol. Nat. Hist. Surv. 34: 29. [Key.] :30. [Notes.]^{12,17}
- 1927 *Eiptera opaca* Downes, Proc. Ent. Soc. British Columbia 1927: 21. [Listed.]¹⁸

Epiptera

- 1927 *Epiptera opaca* Weiss, Circ. New Jersey Dept. Agr. **106**: 19. [Listed.]⁹
 1928 *Epiptera opaca* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 43; Fig. 14. [Key, described, illustrated.]^{1,2,6,7,8,10,11,12,13,14,19} Equals *Flata opaca* Say]. :45, 46. [Comparative notes.]
 1928 *Epiptera opaca* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. **101**: 176. [Listed.]⁷
 1929 *Flata opaca* Sherborn, Index Animalium **18**: 4580. [Listed.]
 1934 *Elidiptera opaca* Heaton, Bull. Brooklyn Ent. Soc. **29**: 109. [Listed.]²
 1938 *E[piptera] opaca* Brimley, Insects of North Carolina **1928**: 99. [Listed.]¹⁴
 1938 *Epiptera opaca* Osborn, Bull. Ohio Biol. Surv. **6**: 293. [Described.]¹ :292. [Key.]

pallida Say

- 1830 *F[ata] pallida* Say, Jour. Acad. Nat. Sci. Philadelphia **6**: 240. [n. sp.]^{1,2} Pennsylvania¹
 Florida²
 1850 *Poeciloptera* [sic] *pallida* Schaum, Allgemeine Encyclopädie Ersch und Gruber **51**: 72. [Listed.] Equals *Flata p[allida]* Say. United States³
 North America⁴
 1851 *Poeciloptera* [sic] (?) *pallida* Walker, List of Homopterous Insects **2**: 469. [Listed.]³ Equals *Flata pallida* Say. America⁵
 District of
 Columbia⁶
 1852 *Poeciloptera* [sic] (?) *pallida* Walker, List of Homopterous Insects **4**: 1139. [Listed.]^{1,2} Equals *Flata pallida* Say. California⁷
 1859 *Poeciloptera* [sic] (?) *pallida* Dohrn, Catalogus Hemipterorum **1859**: 66. [Listed.]⁴ New
 Hampshire⁸
 1859 *F[ata] pallida* Say, Entomology of North America **2**: 374. [n. sp., reprinted.]^{1,2} New Jersey (?)⁹
 Eastern States¹⁰
 1890 *Helicoptera pallida* Van Duzee, Psyche **5**: 389. Equals *Flata pallida* Say. Canada¹¹
 New York¹²
 1900 *H[elicoptera] pallida* Smith, Ann. Rept. New Jersey State Bd. Agr. Suppl. **27**: 87. [Listed.]^{1,2} New Jersey¹³
 Mississippi¹⁴
 1902 *Flata pallida* Melichar, Ann. Nat. Hofmus. Wien. **17**: 230. Alberta¹⁵
 [Listed.]⁵
 1904 *Helicoptera pallida* Swezey, Preliminary Catalogue of Fulgoridae of North America **1904**: 20. [Catalogued.]^{1,2,6,7} Equals *Flata pallida* Say.
 1904 *H[elicoptera] pallida* Wirtner, Ann. Carnegie Mus. **3**: 213. [Listed.]¹
 1998 *Helicoptera pallida* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia **1907**: 476. [Key.] :477. [Described.]⁸ :478, 479. [Comparative notes.]
 1910 *E[lidiptera] pallida* Smith, Ann. Rept. New Jersey State Mus. **1909**: 95. [Listed.]⁹
 1910 *Elidiptera pallida* Van Duzee, Canadian Ent. **42**: 262. [Catalogued.]^{10,11}
 1910 *[Elidiptera] pallida* Van Duzee, Trans. American Ent. Soc. **36**: 83. [Comparative note.]
 1914 *Ellidiptera* [sic] *pallida* Barber, Bull. American Mus. Nat. Hist. **33**: 527. [Listed.]²
 1916 *Elidiptera pallida* Van Duzee, Check List of Hemiptera of America North of Mexico **1916**: 79. [Listed.]¹⁰
 1916 *[Elidiptera] pallida* Van Duzee, Techn. Bull. California Agr. Exp. Sta. Ent. **1**: 246. [Comparative note.]
 1917 *Elidiptera pallida* Van Duzee, Catalogue of Hemiptera of America North of Mexico **1917**: 727. [Catalogued.]^{1,2,6,8,12,13} Equals *Flata [pallida]* Say]. Equals *Helicoptera [pallida]* Say].
 1921 *Ellidiptera* [sic] *pallida* Osborn, Florida Ent. **5**: 15. [Listed.]²
 1922 *[Epiptera] pallida* Metcalf, Canadian Ent. **54**: 263. [Notes.]
 1923 *Epiptera pallida* Metcalf, Jour. Elisha Mitchell Soc. **38**: 159; Pl. 53, Fig. 262. [Key, illustrated.]
 1923 *Epiptera pallida* Van Duzee, Bull. Connecticut Geol. Nat. Hist. Surv. **34**: 29. [Key.] :30. [Listed.]
 1928 *Epiptera pallida* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 43. [Key, comparative note.] :45. [Described, comparative note.]^{1,2,6,8,12,13,14} Equals *Flata [pallida]* Say]. Equals *[Epiptera] septentrionalis* Van Duz. [nec Prov.]
 1929 *Flata pallida* Sherborn, Index Animalium **19**: 4702. [Listed.]
 1933 *Epiptera pallida* Ball, Pan-Pacific Ent. **9**: 134. [Comparative notes.]

- 1937 *Elidiptera pallida* Strickland, Canadian Ent. **69**: 95. [Listed.]¹⁶
 1938 *Eiptera pallida* Osborn, Bull. Ohio Biol. Surv. **6**: 293. [Key.]

parnassia Stål

- 1859 *E[li]diptera parnassia* Stål, Berliner Ent. Zeit. **3**: 320. [n. sp.]¹ Greece¹
 1872 [*Helicopter*] *parnassia* Fieber, Katalog Europäischen Cicadinen **1872**: 3. [Listed.]¹ Hungary²
 1875 [*Helicopter*] *parnassia* Puton, Catalogue Hémiptères d'Europe. Second Ed. **1875**: 112. [Listed.]¹ Serbia³
 1876 [*Helicopter*] *parnassia* Fieber, Rev. Mag. Zool. (3) **4**: 170 (160). [Key.]¹ Equals *Elidiptera parnassia* Stål.
 1882 *Helicopter parnassia* Chicote, Ann. Soc. Ent. Belgique **26**: 90. [Listed.]¹
 1886 [*Helicopter*] *parnassia* Puton, Catalogue Hémiptères Faune Paléarctique. Third Ed. **1886**: 69. [Listed.]¹
 1897 [*Helicopter*] *parnassia* Horváth, Fauna Regni Hungariae **1897**: 54. [Listed.]²
 1899 [*Helicopter*] *parnassia* Puton, Catalogue Hémiptères Faune Paléarctique. Fourth Ed. **1899**: 102. [Listed.]^{1,2}
 1903 *Helicopter parnassia* Horváth, Ann. Mus. Nat. Hungarici **1**: 27. [Listed.]³
 1907 *Helicopter parnassia* Oshanin, Ann. Mus. Zool. St. Petersburg **12**: 250. [Catalogued.]^{1,2,3}
 1912 *Helicopter parnassia* Oshanin, Katalog paläarktischen Hemipteren **1912**: 120. [Listed.]^{1,2,3}
 1918 *Helicopter parnassia* de Bergevin, Bull. Soc. Hist. Nat. Afrique du Nord **9**: 186. [Listed.]^{1,2,3}
 1928 *Helicopter parnassia* Kusnezov, Konowia **7**: 233. [Comparative note.]
 1935 *Helicopter parnassia* Haupt, Die Tierwelt Mitteleuropas **4** (3): 124. [Key.]²

sabecus Amyot

- 1847 *Sabecus* [non binom.] Amyot, Ann. Soc. Ent. France (2) **5**: 164. France¹
 [Described.]¹
 1848 *Sabecus* [non binom.] Amyot, Entomologie Française. Rhynchotes. **1848**: 360. [Described.]¹
 1851 *Elidiptera* (?) *sabecus* Walker, List of Homopterous Insects. **2**: 335. [Listed.]¹ Equals *Sabecus* Amy. [non binom.]
 1930 *Sabecus* (non binom.) Sherborn, Index Animalium **23**: 5707. [Listed.]
 1940 *Sabecus* [non binom.] Neave, Nomenclator Zoologicus **4**: 94. [Listed.]

septentrionalis Provancher

- 1889 *Helicopter septentrionalis* Provancher, Petite Faune Entomologique du Canada **3**: 220. [n. sp., key.]¹ Quebec¹
 New Hampshire²
 1895 *Helicopter septentrionalis* Slosson, Ent. News **6**: 5. [Listed.]² Ontario³
 1904 *Helicopter septentrionalis* Swezey, Preliminary Catalogue of Fulgoridae of North America **1904**: 20. [Catalogued.]¹ New Jersey⁴
 1908 *Helicopter septentrionalis* Fletcher and Gibson, Ann. Rept. Ent. Soc. Ontario **38**: 129. [Listed.]³ Canada⁵
 New England⁶
 1908 *Helicopter septentrionalis* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia **1907**: 476. [Key.] :478. [Described.] :477, 480. [Comparative notes.] Manitoba⁷
 Eastern States⁸
 Long Island⁹
 1910 [*Elidiptera*] *septentrionalis* Smith, Ann. Rept. New Jersey State Mus. **1909**: 95. [Listed.]⁴ Alberta¹⁰
 New York¹¹
 1910 *Elidiptera septentrionalis* Van Duzee, Canadian Ent. **42**: 262. [Catalogued.]^{5,6}
 1910 [*Elidiptera*] *septentrionalis* Van Duzee, Trans. American Ent. Soc. **36**: 83, 84. [Comparative note.]

Epiptera

- 1912 *Elidiptera septentrionalis* Van Duzee, Canadian Ent. **44**: 325. Equals *Helicoptera septentrionalis* Prov.
 1913 *Elidiptera septentrionalis* Gibson, Ann. Rept. Ent. Soc. Ontario **43**: 135. [Listed.]⁷
 1916 *Elidiptera septentrionalis* Van Duzee, Check List of Hemiptera of America North of Mexico **1916**: 79. [Listed.]^{7,8}
 1916 [*Elidiptera*] *septentrionalis* Van Duzee, Techn. Bull. California Agr. Exp. Sta. Ent. **1**: 245, 246. [Comparative note.]
 1917 *Elidiptera septentrionalis* Van Duzee, Catalogue of Hemiptera of America North of Mexico **1917**: 727. [Catalogued.]^{1,2,4} Equals *Helicoptera* [*septentrionalis* Prov.]
 1922 [*Epiptera*] *septentrionalis* Metcalf, Canadian Ent. **54**: 263. [Notes.]
 1923 *Epiptera septentrionalis* Metcalf, Jour. Elisha Mitchell Soc. **38**: 159; Pl. 41, Fig. 47; Pl. 53, Fig. 259. [Key, illustrated.]
 1928 [*Epiptera*] *septentrionalis* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 43, 45. [Comparative notes.]
 1928 *Epiptera septentrionalis* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. **101**: 176. [Listed.]^{9,11}
 1937 *Elidiptera septentrionalis* Strickland, Canadian Ent. **69**: 95. [Listed.]¹⁰

septentrionalis Van Duzee [nec Provancher]. See *Epiptera pallida* Say.

shoshone Ball

- 1933 *Epiptera shoshone* Ball, Pan-Pacific Ent. **9**: 133. [n. sp.]¹ Wyoming¹

slossoni Van Duzee

- 1908 *Helicoptera slossoni* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia **1907**: 478. [n. sp.]¹ :476. [Key.] New Hampshire¹
 1910 *Elidiptera slossoni* Van Duzee, Canadian Ent. **42**: 262. [Catalogued.]¹ Eastern States²
 1916 *Elidiptera slossoni* Van Duzee, Check List of Hemiptera of America North of Mexico **1916**: 79. [Listed.]² New York³
 1917 *Elidiptera slossoni* Van Duzee, Catalogue of Hemiptera of America North of Mexico **1917**: 727. [Catalogued.]¹ Equals *Helicoptera* [*slossoni* Van Duz.] British Columbia⁴
 1917 *Elidiptera slossoni* Van Duzee, Catalogue of Hemiptera of America North of Mexico **1917**: 727. [Catalogued.]¹ Equals *Helicoptera* [*slossoni* Van Duz.] Canada⁵
 1922 [*Epiptera*] *slossoni* Metcalf, Canadian Ent. **54**: 263. [Notes.] Mackenzie⁶
 1922 *Elidiptera slossoni* Osborn, Tech. Publ. New York State Coll. For. **16**: 49. [Ecology.]³ Ontario⁷
 1922 *Elidiptera slossoni* Osborn, Tech. Publ. New York State Coll. For. **16**: 2. [Food plants.]³
 1923 *Epiptera slossoni* Metcalf, Jour. Elisha Mitchell Soc. **38**: 158; Pl. 53, Fig. 261. [Key, illustrated.]
 1928 *Epiptera slossoni* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 42. [Ecology.]³
 1928 *Epiptera slossoni* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. **101**: 176. [Listed.]³
 1938 *Epiptera slossoni* Osborn, Bull. Ohio Biol. Surv. **6**: 293. [Key.] :294; Figs. 10a-d. [Notes, illustrated.]³
 1941 *Epiptera slossoni* Brown, Tech. Bull. Canada Dept. Agr. **31**: 16. [Food plants.]^{4,5,6,7}
 :24. [Key.]

tristirops Amyot

- 1847 *Tristirops* [non binom.] Amyot, Ann. Soc. Ent. France (2) **5**: 161. France¹
 [Described.]¹ Southern
 1848 *Tristirops* [non binom.] Amyot, Entomologie Française. Rhynchotes **1848**: 357. [Described.]¹ France (?)²
 1851 *Elidiptera* (?) *tristirops* Walker, List of Homopterous Insects **2**: 335. [Listed.]²
 Equals *Tristirops* Amy. [non binom.]
 1931 *Tristirops* (non binom.) Sherborn, Index Animalium **27**: 6629. [Listed.]
 1940 *Tristirops* [non binom.] Neave, Nomenclator Zoologicus **4**: 569. [Listed.]

ussuriensis Kusnezov

- 1928 *Helicoptera ussuriensis* Kusnezov, *Konowia* 7: 232. [n. sp.]¹ Siberia¹

variegata Van Duzee

- 1908 *Helicoptera variegata* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia 1907: 479. [n. sp.]^{1,2,3} :476. [Key.] :477, 478. [Comparative notes.] Ontario¹
New Jersey²
Hampshire³
- 1910 *E[li]diptera* *variegata* Smith, Ann. Rept. New Jersey State Mus. 1909: 95. [Listed.]⁴ Virginia³
New Jersey⁴
- 1910 *Elidiptera variegata* Van Duzee, Canadian Ent. 42: 263. [Catalogued.]^{5,6} Canada⁵
North Carolina⁶
- 1910 [*Elidiptera*] *variegata* Van Duzee, Trans. American Ent. Soc. 36: 83. [Comparative note.] Eastern States⁷
Connecticut⁸
- 1914 *Elidiptera variegata* Gibson, Ann. Rept. Ent. Soc. Ontario 44: 126 (21). [Listed.]¹ Long Island⁹
Ohio¹⁰
- 1916 *Elidiptera variegata* Van Duzee, Check List of Hemiptera of America North of Mexico 1916: 79. [Listed.]^{5,7} Maine¹¹
Mount Desert
- 1916 [*Elidiptera*] *variegata* Van Duzee, Techn. Bull. California Agr. Exp. Sta. Ent. 1: 246. [Comparative note.] Island¹²
- 1917 *Elidiptera variegata* Van Duzee, Catalogue of Hemiptera of America North of Mexico 1917: 728. [Catalogued.]^{1,2,4,5} Equals *Helicoptera* [*variegata* Van D.]
- 1920 [*Elidiptera*] *variegata* Britton, Bull. Connecticut Geol. Nat. Hist. Surv. 31: 45. [Listed.]⁸
- 1922 [*Epiptera*] *variegata* Metcalf, Canadian Ent. 54: 263. [Notes.]
- 1923 *Epiptera variegata* Metcalf, Jour. Elisha Mitchell Soc. 38: 159; Pl. 41, Fig. 48; Pl. 53, Fig. 260; Pl. 62, Fig. 475. [Key, illustrated.]
- 1923 *Epiptera variegata* Van Duzee, Bull. Connecticut Geol. Nat. Hist. Surv. 34: 29. [Key.] :30. [Listed.]^{5,7,8}
- 1928 *Epiptera variegata* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 43. [Key.] :44. [Described.]^{1,2,4,5} Equals *Helicoptera* [*variegata* Van Duz.] :45. [Comparative note.]
- 1928 *Epiptera variegata* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 176. [Listed.]⁹
- 1938 *E[pi]ptera* *variegata* Brimley, Insects of North Carolina 1938: 99. [Listed.]⁶
- 1938 *Epiptera variegata* Osborn, Bull. Ohio Biol. Surv. 6: 293; Figs. 9a-d. [Key, described, illustrated.]¹⁰
- 1941 *Epiptera variegata* Brown, Techn. Bull. Canada Dept. Agr. 41: 16. [Food plants.] :24. [Key.]
- 1946 *E[pi]ptera* *variegata* Procter, Biological Survey of the Mount Desert Region 7: 94. [Listed.]^{11,12}

woodworthi Van Duzee

- 1916 *Elidiptera woodworthi* Van Duzee, Techn. Bull. California Agr. Exp. Sta. Ent. 1: 245. [n. sp.]¹ California¹
- 1917 *Elidiptera woodworthi* Van Duzee, Catalogue of Hemiptera of America North of Mexico 1917: 727. [Catalogued.]¹
- 1922 *Elidiptera* (?) *woodworthi* Muir, Canadian Ent. 54: 61; Fig. 2. [Notes, illustrated.]
- 1933 [*Epiptera*] *woodworthi* Ball, Pan-Pacific Ent. 9: 133. [Comparative notes.]

Genus **KEMPIANA** Muir

Orthotype *Kempiana maculata* [n. sp.] 1922 Muir, Rec. Indian Mus. 24: 354.

- Kempiana 1922 Muir, Rec. Indian Mus. 24: 354. [gen. n.]
1930 Schulze, Kükenthal and Heider, Nomenclator Animalium 3 (13): 1724. [Listed.]
1939 Neave, Nomenclator Zoologicus 2: 823. [Listed.]

*Kempiana—Epirama—Eurynomeus***maculata** Muir

- 1922 *Kempiana maculata* Muir, Rec. Indian Mus. **24**: 354; Fig. 4. [n. Assam¹ sp., illustrated.]¹

Genus **EPIRAMA** Melichar

Haplotype *Epirama conspergata* [n. sp.] 1903 Melichar, Homopteren-Fauna von Ceylon **1903**: 45.

Type *E[pirama] conspergata* 1916 Distant, Fauna of British India **6**: 58.

- Epirama* 1903 Melichar, Homopteren-Fauna von Ceylon **1903**: 45. [gen. n.] :223. [Listed.]
 1912 Waterhouse, Index Zoologicus No. II **1912**: 97. [Listed.]
 1916 Distant, Fauna of British India **6**: 58. [Listed.]
 1929 Schulze, Kükenthal and Heider, Nomenclator Animalium **2** (10): 1174. [Listed.]
 1939 Neave, Nomenclator Zoologicus **2**: 269. [Listed.]

conspergata Melichar

- 1903 *Epirama conspergata* Melichar, Homopteren-Fauna von Ceylon Ceylon¹ **1903**: 45. [n. sp.] :223. [Listed.]¹
 1906 *Epirama conspergata* Distant, Fauna of British India **3**: 294. [Listed.]¹
 1916 *Epirama conspergata* Distant, Fauna of British India **6**: 58; Fig. 42. [Notes, illustrated.]

Genus **EURYNOMEUS** Kirkaldy

Haplotype *Eurynomeus australiae* [n. sp.] 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **1** (9): 422.

Type *Eurynomeus australiae* 1926 Schmidt, Treubia **7**: 234.

- Eurynomeus* 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **1** (9): 422. [gen. n.] :314. [Listed.] :417. [Key.]
 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **3**: 116. [Key.] :117. [Notes.] :118. [Comparative note.]
 1912 Waterhouse, Index Zoologicus No. II **1912**: 106. [Listed.]
 1914 Melichar, Philippine Jour. Sci. **9**: 176. To *Tangina* Mel. [error.]
 1926 Haupt, Philippine Jour. Sci. **29**: 441. To *Tangina* Mel. [error.]
 1926 Schmidt, Treubia **7**: 234. [New species from Buru.]
 1927 Muir, Insects of Samoa and other Samoan Terrestrial Arthropoda **1** (2): 18. [Listed.]
 1929 Schulze, Kükenthal and Heider, Nomenclator Animalium **2** (10): 1267. [Listed.]
 1939 Neave, Nomenclator Zoologicus **2**: 363. [Listed.]

australiae Kirkaldy

- 1906 *Eurynomeus australiae* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Queensland¹ Div. Ent. **1** (9): 422. [n. sp.] :314. [Listed.]
 1907 [*Eurynomeus*] *australiae* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **3**: 117; Pl. IX, Figs. 7, 8. [Illustrated.]
 1926 [*Eurynomeus*] *australiae* Schmidt, Treubia **7**: 235. [Comparative note.]¹

granulatus Muir

- 1921 *Eurynomeus granulatus* Muir, Proc. Hawaiian Ent. Soc. **4**: 571; Samoa¹ Pl. X, Figs. 1, 1a-d. [n. sp., illustrated.]¹ Savaii Island²

- 1922 *Eurynomeus granulatis* [sic] Kershaw and Muir, Ann. Ent. Soc. Tutuila Island³
America 15: 208. [Morphology of male genitalia.] Manua Island⁴
- 1923 *Eurynomeus granulatus* Muir, Proc. Hawaiian Ent. Soc. 5: 232;
Pl. V, Figs. 23, 23a. [Genitalia described, illustrated.]
- 1927 *Eurynomeus granulatus* Muir, Insects of Samoa and other Samoan Terrestrial
Arthropoda 1 (2): 3, 18. [Listed.]^{2,3,4}:18. [Note.]

niger Muir

- 1921 *Eurynomeus niger* Muir, Proc. Hawaiian Ent. Soc. 4: 572. [n. sp.]¹ Samoa¹
- 1927 *Eurynomeus niger* Muir, Insects of Samoa and other Samoan Ter-
restrial Arthropoda 1 (2): 3, 18. [Listed.]² Tutuila Island²

siebereri Schmidt

- 1926 *Eurynomeus siebereri* Schmidt, Treubia 7: 235. [n. sp.]¹ Buru¹

similis Schmidt

- 1926 *Eurynomeus similis* Schmidt, Treubia 7: 234. [n. sp.]¹ Buru¹

Genus **FAVENTILLA** Metcalf

Faventilla nom. nov. for *Faventia* Stål 1866 [nec *Faventia* Cristofori
and Jan 1837].

Orthotype *Cixius pustulatus* Walker.

[*Faventia* Stål]

[Logotype *Cixius pustulatus* 1866 Stål, Berliner Ent. Zeit. 10: 392.]

[Type *Cixius pustulatus* 1886 Atkinson, Jour. Asiatic Soc. Bengal 44:
36.]

[Type *Faventia pustulata* 1906 Distant, Fauna of British India 3: 286.

[Type *Faventia pustulata* 1907 Distant, Ann. Mag. Nat. Hist. (7) 19:
289.]

[Type *Faventia pustulata* 1910 Banks, Philippine Jour. Sci. 5: 39.]

- Faventia* 1866 Stål, Hemiptera Africana 4: 181. [gen. n., key.]
- 1866 Stål, Berliner Ent. Zeit. 10: 392. [Listed.]
- 1870 Stål, Öfv. Svenska Vet. Akad. Förh. 27: 748. [Listed.]
- 1873 Marshall, Nomenclator Zoologicus 1873: 364. [Listed.]
- 1881 Berg, An. Soc. Cient. Argentina 12: 265. [Comparative note.]
- 1882 Reuter, Zool. Jahresb. 1881: 283. [Comparative note.]
- 1882 Scudder, Bull. United States Nat. Mus. 19: 125. [Listed.]
- 1886 Atkinson, Jour. Asiatic Soc. Bengal 55: 36. [Described.]
- 1906 Distant, Fauna of British India 3: 286. [Described, key.]
- 1907 Distant, Ann. Mag. Nat. Hist. (7) 19: 289 [Listed.]
- 1909 Jacobi, Fauna Südwest-Australiens 2: 345. [Comparative note.]
- 1910 Banks, Philippine Jour. Sci. 5: 39. [Listed.]
- 1912 Distant, Ann. Mag. Nat. Hist. (8) 9: 186. [Comparative note.]
- 1916 Distant, Fauna of British India 6: 56. [Listed.] :57. [Comparative note.]
- 1925 Handlirsch, Schröder's Handbuch der Entomologie 3 (17-18): 1108. [Listed.]
- 1929 Schulze, Kükenthal and Heider, Nomenclator Animalium 3 (11): 1304. [Listed.]
- 1932 Brues and Melander, Bull. Mus. Comp. Zool. Harvard Coll. 73: 119. [Listed.]
- 1939 Neave, Nomenclator Zoologicus 2: 401. [Listed.]

Faventilla—*Cythna***flava** Muir

- 1922 *Faventia flava* Muir, Rec. Indian Mus. **24**: 352. [n. sp.]¹ Assam¹

guttifera Walker

- 1857 *Cixius guttifer* Walker, Jour. Proc. Linn. Soc. **1**: 146. [n. sp.]¹ Borneo¹
 1859 *Cixius guttifer* Dohrn, Catalogus Hemipterorum **1859**: 61.
 [Listed.]¹
 1859 *Cixius guttifer* Walker, Natuurk. Tijdschr. Nederlandsch Indië **19**: 367. [n. sp.]¹
 1907 *Faventia guttifer* [sic] Distant, Ann. Mag. Nat. Hist. (7) **19**: 289. [Listed.]¹ Equals
Cixius guttifer Walk.

guttulata Stål

- 1870 *F[aventia] guttulata* Stål, Öfv. Svenska Vet. Akad. Förh. **27**: 748. Philippine
 [n. sp.]¹ Islands¹

pustulata Walker

- 1857 *Cixius pustulatus* Walker, Jour. Proc. Linn. Soc. **1**: 87. [n. sp.]¹ Singapore¹
 :146. [Listed.]² Borneo²
 1858 *Cixius pustulatus* Walker, List of Homopterous Insects. Supple-
 ment **1858**: 80. [Listed.]² India³
 Tenasserim⁴
 1859 *Cixius pustulatus* Dohrn, Catalogus Hemipterorum **1859**: 60. Palawan Island⁵
 [Listed.]¹ :61. [Listed.]³ Sikkim⁶
 1859 *Cixius pustulatus* Walker, Natuurk. Tijdschr. Nederlandsch Indië Assam⁷
19: 367. [Listed.]²
 1866 [*Faventia pustulata*] Stål, Berliner Ent. Zeit. **10**: 392. Equals *Cixius pustulatus* Walk.
 1870 *F[aventia] pustulatae* [sic] Stål, Öfv. Svenska Vet. Akad. Förh. **27**: 748. [Compara-
 tive note.]
 1886 *Faventia pustulata* Atkinson, Jour. Asiatic Soc. Bengal **55**: 36. [Described.]¹ Equals
Cixius pustulatus Walk.
 1906 *Faventia pustulata* Distant, Fauna of British India **3**: 287; Fig. 135. [Described,
 illustrated.]^{1,4} Equals *Cixius [pustulatus]* Walk.]
 1910 *Faventia pustulata* Banks, Philippine Jour. Sci. **5**: 39. [Listed.]^{1,4,5} Equals *Cixius*
pustulatus Walk.
 1916 *Faventia pustulata* Distant, Fauna of British India **6**: 56. [Listed.]⁶
 1922 *Faventia pustulata* Muir, Rec. Indian Mus. **24**: 352. [Notes.]⁷

Genus **CYTHNA** Kirkaldy

Haplotype *Cythna laon* [n. sp.] 1906 Kirkaldy, Bull. Hawaiian Sugar
 Pl. Assoc. Div. Ent. **1** (9): 423.

- Cythna 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **1** (9): 423. [gen. n.] :418.
 [Key.] :314. [Listed.]
 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **3**: 116. [Key.]
 1912 Waterhouse, Index Zoologicus No. II **1912**: 74. [Listed.]
 1926 Haupt, Philippine Jour. Sci. **29**: 443. [Note.]
 1927 Muir, Insects of Samoa and other Samoan Terrestrial Arthropoda **1** (2): 18.
 [Listed.]
 1928 Schulze, Kükenthal and Heider, Nomenclator Animalium **2** (8): 910. [Listed.]
 1939 Neave, Nomenclator Zoologicus **1**: 956. [Listed.]

fusca Muir

- 1927 *Cythna fusca* Muir, Insects of Samoa and other Samoan Terres- Upolu Island¹
 trial Arthropoda **1** (2): 18. [n. sp.]¹ :3. [Listed.]¹

glabra Haupt

- 1926 *Cythna glabra* Haupt, Philippine Jour. Sci. **29**: 440; Pl. 1, Fig. 5. Mindanao¹
[n. sp., illustrated.]¹

laon Kirkaldy

- 1906 *Cythna laon* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. Queensland¹
1 (9): 423. [n. sp.]¹:314. [Listed.]

Genus **MAGADHA** Distant

Orthotype *Magadha flavisigna* 1906 Distant, Fauna of British India
3: 290.

- Magadha 1906 Distant, Fauna of British India **3**: 290. [gen. n.] :286. [Key.]
1912 Waterhouse, Index Zoologicus No. II **1912**: 164. [Listed.]
1914 Matsumura, Ann. Mus. Nat. Hungarici **12**: 270. [Comparative note.] :277.
[A new species from Formosa.]
1915 Schumacher, Mitt. Zool. Mus. Berlin **8**: 118. [List of species from Formosa.]
1916 Distant, Fauna of British India **6**: 61. [Listed.]
1922 Muir, Rec. Indian Mus. **24**: 354. [Comparative note.]
1931 Schulze, Kükenthal and Heider, Nomenclator Animalium **3** (15): 1953.
[Listed.]
1940 Neave, Nomenclator Zoologicus **3**: 27. [Listed.]

flavisigna Walker

- 1851 *Cixius flavisigna* Walker, List of Homopterous Insects **2**: 348. [n. Northern India¹
sp.]¹ India²
1859 *Cixius flavisigna* Dohrn, Catalogus Hemipterorum **1859**: 60. Bengal³
[Listed.]² Assam⁴
1906 *Magadha flavisigna* Distant, Fauna of British India **3**: 291; Fig.
138. [Described, illustrated.]¹ Equals *Cixius [flavisignus* Walk.]
1916 *Magadha flavisigna* Distant, Fauna of British India **6**: 61. [Listed.]³
1922 *Magadha flavisigna* Muir, Rec. Indian Mus. **24**: 354. [Listed.]⁴

formosana Matsumura

- 1914 *Magadha formosana* Matsumura, Ann. Mus. Nat. Hungarici **12**: Formosa¹
277. [n. sp.]¹
1915 *Magadha formosana* Schumacher, Mitt. Zool. Mus. Berlin **8**: 118. [Listed.]¹

nebulosa Distant

- 1906 *Magadha nebulosa* Distant, Fauna of British India **3**: 291. [n. sp.]¹ Ceylon¹

Genus **ILVA** Stål

Haplotype *Ilva nigrosignata* [n. sp.] 1866 Stål, Hemiptera Africana **4**:
183.

- Ilva 1866 Stål, Hemiptera Africana **4**: 183. [gen. n.] :181. [Key.]
1873 Marschall, Nomenclator Zoologicus **1873**: 368. [Listed.]
1882 Scudder, Bull. United States Nat. Mus. **91**: 160. [Listed.]
1930 Schulze, Kükenthal and Heider, Nomenclator Animalium **3** (13): 1671. [Listed.]
1939 Neave, Nomenclator Zoologicus **2**: 769. [Listed.]

*Iva—Francesca—Majellana***nigrosignata** Stål1866 *Iva nigrosignata* Stål, Hemiptera Africana 4: 183. [n. sp.][†]Cape of
Good Hope¹Genus **FRANCESCA** KirkaldyHaplotype *Francesca salemiphila* [n. sp.] 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 1 (9): 424.

Francesca 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 1 (9): 442. [gen. n.] :423. [Comparative note.] :417. [Key.] :314. [Listed.]

1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 3: 116. [Key.] :119. [Listed.]

1912 Waterhouse, Index Zoologicus No. II 1912: 111. [Listed.]

1929 Schulze, Kükenthal and Heider, Nomenclator Animalium 3 (11): 1322. [Listed.]

1939 Neave, Nomenclator Zoologicus 2: 420. [Listed.]

salemiphila Kirkaldy1906 *Francesca salemiphila* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 1 (9): 424. [n. sp.][†] :314. [Listed.]1907 *Francesca salemiphila* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 3: 119; Pl. IX, Figs. 18, 19. [Illustrated.]**sparsa** Jacobi1928 *Francesca sparsa* Jacobi, Arkiv Zool. 19 (28): 25; Fig. 14. [n. sp., illustrated.][†] Queensland¹Genus **MAJELLANA** Metcalf*Majellana* nom. nov. for *Majella* Kirkaldy 1906 [nec *Majella* Ortman 1893].Orthotype *Majella majella* Kirkaldy.[*Majella* Kirkaldy][Haplotype *Majella majella* [n. sp.] 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 1 (9): 421.]*Majella* 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 1 (9): 421. [gen. n.] :417. [Key.] :314. [Listed.]

1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 3: 116. [Key.]

1912 Waterhouse, Index Zoologicus No. II 1912: 164. [Listed.]

1922 Muir, Rec. Indian Mus. 24: 353. [Comparative note.]

1931 Schulze, Kükenthal and Heider, Nomenclator Animalium 3 (15): 1956. [Listed.]

1940 Neave, Nomenclator Zoologicus 3: 29. [Listed.]

albomaculata Muir1922 *Majella albomaculata* Muir, Rec. Indian Mus. 24: 353. [n. sp.][†] Assam¹**majella** Kirkaldy1906 *Majella majella* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 1 (9): 421. [n. sp.][†] :314. [Listed.] Queensland¹

- 1914 *M[ajella] majella* Melichar, Notes Leyden Mus. **36**: 178. [Comparative note.]² Australia²

philippina Melichar

- 1914 *Majella philippina* Melichar, Philippine Jour. Sci. **9**: 177. [n. sp.]¹ Luzon¹

Genus **MESSEIS** Stål

Haplotype *Messeis fuscovaria* [n. sp.] 1862 Stål, Handl. Svenska Vet. Akad. **3** (6): 66.

Haplotype *Messeis fuscovaria* 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 372.

- Messeis 1862 Stål, Handl. Svenska Vet. Akad. **3** (6): 66. [gen. n.]
 1866 Stål, Hemiptera Africana **4**: 182. [Key.]
 1873 Marschall, Nomenclator Zoologicus **1873**: 372. [Listed.]
 1879 White, Ent. Monthly Mag. **15**: 217. [Comparative note.]
 1882 Scudder, Bull. United States Nat. Mus. **19**: 194. [Listed.]
 1931 Schulze, Kükenthal and Heider, Nomenclator Animalium **3** (15): 2052. [Listed.]
 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 368. [Key.] :372. [Described.]
 1940 Neave, Nomenclator Zoologicus **3**: 123. [Listed.]

asper Fowler

- 1904 *Plectoderes asper* Fowler, Biologia Centrali-Americana **1**: 110; Pl. Panama¹
 11, Figs. 25, 25a. [n. sp., illustrated.]¹
 1910 [*Catonia aspera*] Van Duzee, Canadian Ent. **42**: 264. Equals [*Plectoderes*] *asper*.
 1938 *Messeis asper* Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 373; Pls. 7, 16, 22.
 [Notes, illustrated.]¹ Equals *Plectoderes asper* Fowl.

fuscovaria Stål

- 1862 *Messeis fuscovaria* Stål, Handl. Svenska Vet. Akad. **3** (6): 66. [n. sp.]¹ Rio de Janeiro¹

Genus **MAHUNA** Distant

Orthotype *Mahuna conspersa* [n. sp.] 1907 Distant, Ann. Mag. Nat. Hist. (7) **19**: 289.

- Mahuna 1907 Distant, Ann. Mag. Nat. Hist. (7) **19**: 289. [gen. n.]
 1912 Waterhouse, Index Zoologicus No. II **1912**: 164. [Listed.]
 1931 Schulze, Kükenthal and Heider, Nomenclator Animalium **3** (15): 1955.
 [Listed.]
 1940 Neave, Nomenclator Zoologicus **3**: 28. [Listed.]

conspersa Distant

- 1907 *Mahuna conspersa* Distant, Ann. Mag. Nat. Hist. (7) **19**: 290. Queensland¹
 [n. sp.]¹
 1907 *Mahuna conspersa* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **3**: 121.
 [Listed.]¹

Genus **MESSOIDES** Metcalf

Orthotype *Messoides uniformis* [n. sp.] 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 373.

Messoides—*Nelidia*—*Myconus*

Messoides 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 373. [gen. n.] :368 [Key.]

uniformis Metcalf

1938 *Messoides uniformis* Metcalf, Bull. Mus. Comp. Zool. Harvard Panama¹
Coll. **82**: 373; Pl. 10. [n. sp., illustrated.]¹

Genus **NELIDIA** Stål

Haplotype *Phrygia ancora* 1862 Stål, Handl. Svenska Vet. Akad. **3** (6):
66.

Nelidia 1862 Stål, Handl. Svenska Vet. Akad. **3** (6): 66. [gen. n.]
1866 Stål, Hemiptera Africana **4**: 182. [Key.]
1873 Marschall, Nomenclator Zoologicus **1873**: 373. [Listed.]
1882 Scudder, Bull. United States Nat. Mus. **19**: 208. [Listed.]
1932 Schulze, Kükenthal and Heider, Nomenclator Animalium **4** (16): 2027. [Listed.]
1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 368. [Key.]
1940 Neave, Nomenclator Zoologicus **3**: 280. [Listed.]

ancora Stål

1862 *P[hrygia] (?) ancora* Stål, Handl. Svenska Vet. Akad. **3** (6): 6. Rio de Janeiro¹
[n. sp.]¹
1862 [*Nelidia ancora*] Stål, Handl. Svenska Vet. Akad. **3** (6): 66. Equals *Phrygia ancora*.

Genus **MYCONUS** Stål

Haplotype *Achilus conspersinervis* 1862 Stål, Handl. Svenska Vet.
Akad. **3** (6): 65.

Haplotype *Achilus conspersinervis* 1938 Metcalf, Bull. Mus. Comp.
Zool. Harvard Coll. **82**: 380.

Myconus 1862 Stål, Handl. Svenska Vet. Akad. **3** (6): 65. [gen. n.]
1866 Stål, Hemiptera Africana **4**: 182. [Key.]
1873 Marschall, Nomenclator Zoologicus **1873**: 372. [Listed.]
1882 Scudder, Bull. United States Nat. Mus. **19**: 203. [Listed.]
1932 Schulze, Kükenthal and Heider, Nomenclator Animalium **3** (16): 2160.
[Listed.]
1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 368. [Key.] :380. [De-
scribed.]
1940 Neave, Nomenclator Zoologicus **3**: 234. [Listed.]

collaris Melichar

1904 *Myconus collaris* Melichar, Verh. Zool. Bot. Ges. Wien. **54**: 34. Somaliland¹
[n. sp.]¹

conspersinervis Stål

1862 *A[chilus] conspersinervis* Stål, Handl. Svenska Vet. Akad. **3** (6): 3. Rio de Janeiro¹
[n. sp.]¹ British
1862 [*Myconus conspersinervis*] Stål, Handl. Svenska Vet. Akad. **3** (6): Honduras²
65. Equals *Achilus conspersinervis* Stål.
1938 *Myconus conspersinervis* Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 381;
Pls. 11, 16. [Described, illustrated.]² Equals *Achilus conspersinervis* Stål.

dulcis Gerstaecker

1895 *Achilus (Myconus (?)) dulcis* Gerstaecker, Mitth. Naturw. Ver. Peru¹
Greifswald **27**: 47. [n. sp.]¹

Genus **NECHO** Jacobi

Orthotype *Necho naevius* [n. sp.] 1910 Jacobi, Schwedischen Zoologischen Expedition Kilimandjaro 1910: 105.

- Necho* 1910 Jacobi, Schwedischen Zoologischen Expedition Kilimandjaro 1910: 105. [gen. n.]
 1912 Waterhouse, Index Zoologicus No. II 1912: 187. [Listed.]
 1932 Schulze, Kükenthal and Heider, Nomenclator Animalium 4 (16): 2202. [Listed.]
 1940 Neave, Nomenclator Zoologicus 3: 275. [Listed.]

marmoratus Jacobi

- 1910 *Necho marmoratus* Jacobi, Schwedischen Zoologischen Expedition Tanganyika¹
 Kilimandjaro 1910: 106. [n. sp.]¹

naevius Jacobi

- 1910 *Necho naevius* Jacobi, Schwedischen Zoologischen Expedition Tanganyika¹
 Kilimandjaro 1910: 105; Pl. 1, Figs. 14, 14a-b. [n. sp., illustrated.]¹ :106. [Comparative note.]

Genus **PARAKOSALYA** Distant

Haplotype *Parakosalya insularis* [n. sp.] 1917 Distant, Trans. Linn. Soc. London Zool. 17: 286.

- Parakosalya* 1917 Distant, Trans. Linn. Soc. London Zool. 17: 286. [gen. n.]
 1933 Schulze, Kükenthal and Heider, Nomenclator Animalium 4 (18): 2498. [Listed.]
 1940 Neave, Nomenclator Zoologicus 3: 573. [Listed.]

insularis Distant

- 1917 *Parakosalya insularis* Distant, Trans. Linn. Soc. London Zool. Seychelles Islands¹
 17: 287; Text fig. 2. [n. sp., illustrated.]¹

Genus **NEPHELIA** Kirkaldy

Orthotype *Phenelia* (*Nephelia*) *bicuneata* [n. sp.] 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 3: 117.

- Phenelia* (*Nephelia*) 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 3: 117. [subgen. n., key, key to species.]
Nephelia 1912 Waterhouse, Index Zoologicus No. II 1912: 191. [Listed.]
 1932 Schulze, Kükenthal and Heider, Nomenclator Animalium 4 (16): 2238. [Listed.]
 1940 Neave, Nomenclator Zoologicus 3: 314. [Listed.]

bicuneata Kirkaldy

- 1907 *Phenelia* (*Nephelia*) *bicuneata* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 3: 117. [n. sp., key.]¹

tristis Kirkaldy

- 1907 *Phenelia* (*Nephelia*) *tristis* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 3: 117. [n. sp., key.]¹

*Ouwea—Phypia*Genus **OUEWA** Distant

Orthotype *Ouwea doddi* [n. sp.] 1907 Distant, Ann. Mag. Nat. Hist. (7) **19**: 291.

- Ouwea 1907 Distant, Ann. Mag. Nat. Hist. (7) **19**: 291. [gen. n.]
 1912 Waterhouse, Index Zoologicus No. II **1912**: 205. [Listed.]
 1933 Schulze, Kükenthal and Heider, Nomenclator Animalium **4** (18): 2416. [Listed.]
 1940 Neave, Nomenclator Zoologicus **3**: 490. [Listed.]

doddi Distant

- 1907 *Ouwea doddi* Distant, Ann. Mag. Nat. Hist. (7) **19**: 92. [n. sp.]¹ Queensland¹
 1907 *Ouwea doddi* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **3**: 121. [Listed.]¹

Genus **PHYPIA** Stål

Logotype *Phypia fuscoguttata* Stål.

- Phypia 1862 Stål, Handl. Svenska Vet. Akad. **3** (6): 65. [gen. n.]
 1866 Stål, Hemiptera Africana **4**: 182. [Key.] :183. [Described.]
 1873 Marschall, Nomenclator Zoologicus **1873**: 377. [Listed.]
 1882 Scudder, Bull. United States Nat. Mus. **19**: 247. [Listed.]
 1908 Melichar, Čas. České Spol. Ent. **5**: 7. [Comparative note.]
 1910 Jacobi, Schwedischen Zoologischen Expedition Kilimandjaro **1910**: 105. [Comparative note.]
 1934 Schulze, Kükenthal and Heider, Nomenclator Animalium **4** (19): 2674. [Listed.]
 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 369. [Key.]
 1940 Neave, Nomenclator Zoologicus **4**: 748. [Listed.]
 1941 Jacobi, Zool. Jahrb. Syst. Ökol. **74**: 295. [Comparative note.]

albipennis Stål

- 1855 *Cixius* (?) *albipennis* Stål, Öfv. Svenska Vet. Akad. Förh. **12**: 92. Natal¹
 [n. sp.]¹ Cape of
 1858 *Cixius* (?) *albipennis* Walker, List of Homopterous Insects. Ad- Good Hope²
 denda **1858**: 321. [Listed.]¹
 1859 *Cixius albipennis* Dohrn, Catalogus Hemipterorum **1859**: 61. [Listed.]
 1866 *Phypia albipennis* Stål, Hemiptera Africana **4**: 184. [Described.]² Equals *Cixius* (?)
albipennis Stål.
 1910 *Phypia* [*albi*] *albipennis* Jacobi, Schwedischen Zoologischen Expedition Kilimandjaro
1910: 105. [Comparative note.]

bipunctula Stål

- 1862 *P[hrygia]* *bipunctula* Stål, Handl. Svenska Vet. Akad. **3** (6): 6. Rio de Janeiro¹
 [n. sp.]¹
 1862 [*Phypia bipunctula*] Stål, Handl. Svenska Vet. Akad. **3** (6): 65. Equals *P[hrygia]*
bipunctula.

fuscoguttata Stål

- 1862 *Phypia fuscoguttata* Stål, Handl. Svenska Vet. Akad. **3** (6): 65. Rio de Janeiro¹
 [n. sp.]¹

fuscomaculata Stål

- 1862 *P[hrygia]* *fuscomaculata* Stål, Handl. Svenska Vet. Akad. **3** (6): 6. Rio de Janeiro¹
 [n. sp.]¹

1862 [*Phypia fuscumaculata*] Stål, Handl. Svenska Vet. Akad. 3 (6): 65. Equals *P[hrygia fuscumaculata*.

nava Say. See *Catonia nava* Say.

ornatifrons Jacobi

1910 *Phypia ornatifrons* Jacobi, Schwedischen Zoologischen Expedition Kilimandjaro 1910: 105; Pl. 1, Figs. 6, 6a-b. [n. sp., illustrated.]¹ Tanganyika¹

varinervis Stål

1862 *P[hrygia] varinervis* Stål, Handl. Svenska Vet. Akad. 3 (6): 5. Rio de Janeiro¹ [n. sp.]¹

1862 [*Phypia varinervis*] Stål, Handl. Svenska Vet. Akad. 3 (6): 65. Equals *Phrygia varinervis*.

Genus **PARATANGIA** Melichar

Logotype *P[aratangia] notata* 1916 Distant, Fauna of British India 6: 58.

Paratangia 1903 Melichar, Homopteren-Fauna von Ceylon 1903: 46. [gen. n.] :44. [Comparative note.] :223. [Listed.]

1912 Waterhouse, Index Zoologicus No. II 1912: 218. [Listed.]

1916 Distant, Fauna of British India 6: 58. [Listed.]

1933 Schulze, Kükenthal and Heider, Nomenclator Animalium 4 (18): 2522. [Listed.]

1940 Neave, Nomenclator Zoologicus 3: 600. [Listed.]

fimbriolata Melichar. See *Callinesia fimbriolata* Melichar.

marginata Melichar

1903 *Paratangia marginata* Melichar, Homopteren-Fauna von Ceylon Ceylon¹ 1903: 47. [n. sp.]¹ :223. [Listed.]¹

1906 [*Paratangia marginata*] Distant, Fauna of British India 3: 294. [Listed.]¹

1916 *P[aratangia] marginata* Distant, Fauna of British India 6: 69. [Listed.]

notata Melichar

1903 *Paratangia notata* Melichar, Homopteren-Fauna von Ceylon Ceylon¹ 1903: 46. [n. sp.]¹ :223. [Listed.]¹

1906 *Paratangia notata* Distant, Fauna of British India 3: 294. [Listed.]¹

1916 *P[aratangia] notata* Distant, Fauna of British India 6: 59. [Listed.]

Genus **PHENELIA** Kirkaldy

Haplotype *Phenelia elidipteroides* [n. sp.] 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 1 (9): 421.

Type *Phenelia (Phenelia) elidipteroides* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 3: 117.

Phenelia 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 1 (9): 421. [gen. n., comparative note.] :417. [Key.] :314. [Listed.]

1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 3: 117. [Key, key to subgenera.] :118. [Comparative note.]

Phenelia—*Catonoides*—*Plectoderes*

- Phenelia* (*Phenelia*) 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **3**: 117. [Key.]
Phenelia 1912 Waterhouse, Index Zoologicus No. II **1912**: 227. [Listed.]
 1916 Oshanin, Horae Soc. Ent. Rossicae **42**: 89. [Bibliography.]
 1922 Muir, Rec. Indian Mus. **24**: 353. [Comparative note.]
 1934 Schulze, Kükenthal and Heider, Nomenclator Animalium **4** (19):
 2626. [Listed.]
 1940 Neave, Nomenclator Zoologicus **3**: 704. [Listed.]

bicuneata Kirkaldy. See *Nephelia bicuneata* Kirkaldy.

elidipteroides Kirkaldy

- 1906 *Phenelia elidipteroides* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Queensland¹
 Div. Ent. **1** (9): 422. [n. sp.][†] :314. [Listed.]

tristis Kirkaldy. See *Nephelia tristis* Kirkaldy.

Genus **CATONOIDES** Metcalf

Orthotype *Catonoides fusca* [n. sp.] 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 376.

Catonoides 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 376. [gen. n.] :377.
 [Comparative note.] :368. [Key.]

fusca Metcalf

- 1938 *Catonoides fusca* Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. Canal Zone¹
82: 377. [n. sp.][†]

Genus **PLECTODERES** Spinola

Haplotype *Flata collaris* 1839 Spinola, Ann. Soc. Ent. France **8**: 328.

Type *Plectoderes collaris* 1840 Duponchel, Rev. Zool. **2**: 203.

Type [*Plectoderes*] *collaris* 1903 Kirkaldy, Entomologist **36**: 215

Haplotype *Flata collaris* 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 377.

- Plectoderes* 1839 Spinola, Ann. Soc. Ent. France **8**: 328. [gen. n.] :204. [Key.]
 1840 Duponchel, Rev. Zool. **3**: 203. [Described.]
 1842 Agassiz, Erichson and Germar, Nomenclator Zoologicus **1842**: 16.
 [Listed.]
 1848 Agassiz, Nomenclatoris Zoologici Index Universalis **1848**: 858. [Listed.]
Plectroderes [sic] 1850 Schaum, Allgemeine Encyclopädie Ersch und Gruber **51**: 68. [De-
 scribed.]
Plectoderes 1850 Spinola, Mem. Soc. Italiana Modena **25** (1): 52. [Key.]
 1852 Walker, List of Homopterous Insects **4**: 1136. [Listed.]
 1866 Stål, Hemiptera Africana **4**: 181. [Key.]
 1869 Stål, Handl. Svenska Vet. Akad. **8** (1): 96. [Listed.]
 1882 Scudder, Bull. United States Nat. Mus. **19**: 253. [Listed.]
 1889 Ashmead, Ent. Americana **5**: 23. [Key.]
 1895 Uhler, Proc. Zool. Soc. London **1895**: 61, 66. [Comparative notes.]
 1903 Kirkaldy, Entomologist **36**: 215. [Listed.]
 1904 Fowler, Biologia Centrali-Americana **1**: 84. [Comparative note.] :103.
 [Key.] :108. [Notes.]
 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **1** (9): 418. [Com-
 parative note.]

- 1908 Van Duzee, Proc. Acad. Nat. Sci. Philadelphia **1907**: 480. [Comparative note.]
 1910 Van Duzee, Canadian Ent. **42**: 264. [Note.]
 1914 Matsumura, Ann. Mus. Nat. Hungarici **12**: 281, 282. [Comparative notes.]
 1929 Sherborn, Index Animalium **20**: 5035. [Listed.]
 1935 Schulze, Kükenthal and Heider, Nomenclator Animalium **4** (20): 2732. [Listed.]
 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 368. [Key.] :377. [Described.] :378. [Comparative note.]
 1940 Neave, Nomenclator Zoologicus **3**: 806. [Listed.]

asper Fowler. See *Messeis asper* Fowler.

basalis Fowler. See *Catonia basalis* Fowler.

championi Fowler

- 1904 *Plectoderes championi* Fowler, Biologia Centrali-Americana **1**: Guatemala¹ 108; Pl. 11, Figs. 19, 19a. [n. sp., illustrated.]¹

collaris Coquebert

- 1801 *Flata collaris* Coquebert, Illustratio Iconographica Insectorum **2**: South America¹ 79; Pl. XVIII, Figs. 11A–D. [n. sp., illustrated.]¹ Para²
 1803 [*Flata*] *collaris* Fabricius, Systema Rhyngotorum **1803**: 53. [De- Cayenne³
 scribed.]¹ Brazil⁴
 1814 *Flata collaris* Fallén, Specimen Novam Hemiptera **1814**: 21. French Guiana⁵
 [Notes.] Canal Zone⁶
 1830 [*Flata*] *collaris* Germar, Thon's Entomologisches Archiv **2** (2): 50. [Described.]¹
 1835 *Cixius collaris* Burmeister, Handbuch der Entomologie **2** (1): 157. [Described.]¹ Equals *Flata collaris* Fabr.
 1839 *Plectoderes collaris* Spinola, Ann. Soc. Ent. France **8**: 329; Pl. 15, Fig. 5. [Listed, illustrated.]³ Equals *Flata collaris* Fabr.
 1840 *Plectoderes collaris* Duponchel, Rev. Zool. **2**: 203. [Listed.]⁸
 1850 [*Plectoderes*] [sic] *collaris* Schaum, Allgemeine Encyclopädie Ersch und Gruber **51**: 68. [Listed.]^{3,4} Equals *Cixia collaris* Burm. Equals *Flata collaris* Fabr.
 1852 *Plectoderes collaris* Walker, List of Homopterous Insects **4**: 1136. [Catalogued.] Equals *Cixia collaris* Burm. Equals *Flata collaris* Fabr.
 1858 *Tettigometra* (?) *bicolor* Walker, List of Homopterous Insects. Addenda **1858**: 337. [n. sp.]²
 1869 [*Plectoderes*] *collaris* Stål, Handl. Svenska Vet. Akad. **8** (1): 96. [Listed.]¹ Equals *Flata collaris* Fabr. Equals *Tettigometra* (?) *bicolor* Walk.
 1884 *Plectoderes collaris* Uhler, Standard Natural History **2**: 239. [Described.]²
 1888 *Plectoderes collaris* Uhler, Riverside Natural History **2**: 239. [Described.]²
 1902 *Plectoderus* [sic] [*collaris*] Melichar, Ann. Nat. Hofmus. Wien. **17**: 231. Equals *Flata collaris* Fabr.
 1925 *Flata collaris* Sherborn, Index Animalium **6**: 1396. [Listed.]
 1938 *Plectoderes collaris* Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 377; Pls. 10, 16. [Described, illustrated.]^{5,6}

excelsus Fowler. See *Catonia excelsa* Fowler.

flavovittatus Fowler

- 1904 *Plectoderes flavovittatus* Fowler, Biologia Centrali-Americana **1**: Panama¹ 109; Pl. 11, Figs. 22, 22a. [n. sp., illustrated.]¹

fuscolineatus Fowler. See *Amblycratus fuscolineatus* Fowler.

laticollis. Typographical error for *Plectoderes lineatocollis* Fowler. See *Catonia lineatocollis* Fowler.

Plectoderes—*Plectoderoides*—*Pseudhelicoptera*

lineaticollis. Typographical error for *Plectoderes lineaticollis* Fowler. See *Catonia lineaticollis* Fowler.

lineaticollis Fowler. See *Catonia lineaticollis* Fowler.

montanus Fowler

1904 *Plectoderes montanus* Fowler, Biologia Centrali-Americana 1: 110; Guerrero¹
Pl. 11, Figs. 24, 24a. [n. sp., illustrated.]¹

1910 [*Catonia* (?) *montana*] Van Duzee, Canadian Ent. 42: 264. Equals [*Plectoderes*] *montanus*.

notatus Fowler. See *Catonia notata* Fowler.

scapularis Metcalf

1938 *Plectoderes scapularis* Metcalf, Bull. Mus. Comp. Zool. Harvard British
Coll. 82: 378; Pls. 10, 16, 22. [n. sp., illustrated.]¹ Honduras¹

Genus **PLECTODEROIDES** Matsumura

Orthotype *Plectoderoides maculatus* [n. sp.] Matsumura, Ann. Mus.
Nat. Hungarici 12: 281.

- Plectoderoides* 1914 Matsumura, Ann. Mus. Nat. Hungarici 12: 281. [gen. n.]
1915 Schumacher, Mitt. Zool. Mus. Berlin 8: 119. [List of species from
Formosa.]
1935 Schulze, Kükenthal and Heider, Nomenclator Animalium 4 (20): 2732.
[Listed.]
1940 Neave, Nomenclator Zoologicus 3: 806. [Listed.]

formosanus Matsumura

1914 *Plectoderoides formosanus* Matsumura, Ann. Mus. Nat. Hungarici Formosa¹
12: 283. [n. sp.]¹

1915 *Plectoderoides formosanus* Schumacher, Mitt. Zool. Mus. Berlin 8: 119. [Listed.]¹

maculatus Matsumura

1914 *Plectoderoides maculatus* Matsumura, Ann. Mus. Nat. Hungarici Formosa¹
12: 282; Figs. 8a–d. [n. sp., illustrated.]¹ Tonkin²

1915 *Plectoderoides maculatus* Schumacher, Mitt. Zool. Mus. Berlin 8:
119. [Listed.]^{1,2}

Genus **PSEUDHELICOPTERA** Fowler

Haplotype *Pseudhelicoptera nasuta* [n. sp.] 1904 Fowler, Biologia
Centrali-Americana 1: 107.

- Pseudhelicoptera* 1904 Fowler, Biologia Centrali-Americana. 1: 107. [gen. n.] :103. [Key.]
Pseudhelicoptera [sic] 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 3: 120.
[Comparative note.]
1908 Van Duzee, Proc. Acad. Nat. Sci. Philadelphia 1907: 477. [Com-
parative note.]
1910 Van Duzee, Canadian Ent. 42: 262. [Comparative note.]
1912 Waterhouse, Index Zoologicus No. II 1912:262. [Listed.]
Pseudhelicoptera 1935 Schulze, Kükenthal and Heider, Nomenclator Animalium 4 (21):
2894. [Listed.]
Pseudhelicoptera [sic] 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. 82: 368. [Key.]
Pseudhelicoptera 1940 Neave, Nomenclator Zoologicus 3: 968. [Listed.]

nasuta Fowler

- 1904 *Pseudhelicoptera nasuta* Fowler, *Biologia Centrali-Americana* 1: Panama¹ 108; Pl. 11, Figs. 18, 18a-b. [n. sp., illustrated.]¹
 1931 *P[sseudhelicoptera] nasuta* Dozier, *American Mus. Nov.* 510: 14. [Comparative note.]

Genus **PYRRHYLLIS** Kirkaldy

- Haplotype *Pyrrhyllis pyrrhyllis* [n. sp.] 1906 Kirkaldy, *Bull. Hawaiian Sugar Pl. Assoc. Div. Ent.* 1 (9): 420.
 Pyrrhyllis 1906 Kirkaldy, *Bull. Hawaiian Sugar Pl. Assoc. Div. Ent.* 1 (9): 420. [gen. n.] :417. [Key] :314 [Listed.]
 1907 Kirkaldy, *Bull. Hawaiian Sugar Pl. Assoc. Div. Ent.* 3: 116. [Key.]
 1912 Waterhouse, *Index Zoologicus No. II* 1912: 259. [Listed.]
 1935 Schulze, Kükenthal and Heider, *Nomenclator Animalium* 4 (21): 2985. [Listed.]
 1940 Neave, *Nomenclator Zoologicus* 3: 1063. [Listed.]

pyrrhyllis Kirkaldy

- 1906 *Pyrrhyllis pyrrhyllis* Kirkaldy, *Bull. Hawaiian Sugar Pl. Assoc. Queensland¹ Div. Ent.* 1 (9): 421. [n. sp.]¹ :314. [Listed.]

Genus **RHOTALA** Walker

- Haplotype *Rhotala delineata* [n. sp.] 1857 Walker, *Jour. Proc. Linn. Soc.* 1: 152.
 Haplotype *Rhotala delineata* [n. sp.] 1859 Walker, *Natuurk. Tijdschr. Nederlandsch Indië* 19: 373.
 Type *R[hotala] delineata* 1905 Fowler, *Biologia Centrali-Americana* 1: 138.
 Type *R[hotala] delineata* 1907 Distant, *Ann. Mag. Nat. Hist.* (7) 19: 292.
 Type *R[hotala] delineata* 1914 Melichar, *Monographie der Tropicuchinen* 1914: 134.
 Type *R[hotala] delineata* 1915 Melichar, *Verh. Naturf. Ver. Brünn* 43: 215.

[*Errada* Walker]

- Haplotype *Errada funesta* [n. sp.] 1870 Walker, *Jour. Linnean Soc. Zool.* 10: 116.
 Rhotala 1857 Walker, *Jour. Proc. Linn. Soc.* 1: 152. [gen. n.]
 1858 Walker, *List of Homopterous Insects. Supplement.* 1858: 86. [Listed.]
 1859 Dohrn, *Catalogus Hemipterorum* 1859: 59. [Listed.]
 1859 Walker, *Natuurk. Tijdschr. Nederlandsch Indië* 19: 373. [gen. n.]
Errada 1870 Walker, *Jour. Linnean Soc. Zool.* 10: 116. [gen. n.]
 Rhotala 1873 Marschall, *Nomenclator Zoologicus* 1873: 379. [Listed.]
Errada 1873 Marschall, *Nomenclator Zoologicus* 1873: 363. [Listed.]
 Rhotala 1882 Scudder, *Bull. United States Nat. Mus.* 19: 279. [Listed.]
 1905 Fowler, *Biologia Centrali-Americana* 1: 137. [Described.]
 1907 Distant, *Ann. Mag. Nat. Hist.* (7) 19: 292. [Described.] Equals *Errada* Walk. :295. [Comparative note.]
 1907 Kirkaldy, *Canadian Ent.* 39: 248. [Taxonomy.]

Rhotala

- 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **3**: 93. [Listed.]
 1914 Distant, Trans. Zool. Soc. London **20**: 349. [New species from New Guinea.]
 1914 Matsumura, Ann. Mus. Nat. Hungarici **12**: 278. [New species from Japan.]
 1914 Melichar, Monographie der Tropicuchinen **1914**: 124. [Key.] :134. [Described.] :143. [Listed.]
 1915 Melichar, Verh. Naturf. Ver. Brünn **53**: 205. [Key.] :215. [Described.] :224. [Listed.]
 1915 Schumacher, Mitt. Zool. Mus. Berlin **8**: 119. [List of species from Formosa.]
 1926 Schmidt, Treubia **7**: 233, 2. [Comparative notes.]
 1928 Jacobi, Arkiv Zool. **19** (28): 27. [Taxonomy.]
Errada 1929 Schulze, Kükenthal and Heider, Nomenclator Animalium **2** (1): 1195. [Listed.]
Rhotala 1933 Kato, Three Colour Illustrated Insects of Japan **4**: Pl. 10, Fig. 5. [Illustrated.]
 1935 Schulze, Kükenthal and Heider, Nomenclator Animalium **4** (21): 3050. [Listed.]
 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 368. [Key.] :375. [Comparative note.]
Errada 1939 Neave, Nomenclator Zoologicus **2**: 290. [Listed.]
Rhotala 1940 Neave, Nomenclator Zoologicus **4**: 61. [Listed.]

albopunctata Distant

- 1914 *Rhotala albopunctata* Distant, Trans. Zool. Soc. London **20**: 349; New Guinea¹ Pl. XXXIV, Figs. 1, 1a. [n. sp., illustrated.]¹

ambigua Fowler

- 1905 *Rhotala ambigua* Fowler, Biologia Centrali-Americana **1**: 138; Pl. Panama¹ 13, Figs. 19, 19a-b, 20, 20a. [n. sp., illustrated.]¹

delineata Walker

- 1857 *Rhotala delineata* Walker, Jour. Proc. Linn. Soc. **1**: 152; Pl. VII, Borneo¹ Figs. 6, 6a. [n. sp., illustrated.]¹
 1858 *Rhotala delineata* Walker, List of Homopterous Insects. Supplement. **1858**: 86. [Listed.]¹
 1859 *Rhotala delineata* Dohrn, Catalogus Hemipterorum **1859**: 59. [Listed.]¹
 1859 *Rhotala delineata* Walker, Natuurk. Tijdschr. Nederlandsch Indië **19**: 373. [n. sp.]¹
 1905 *Rhotala delineata* Fowler, Biologia Centrali-Americana **1**: 137. [Comparative note.]¹
 1907 *Rhotala delineata* Distant, Ann. Mag. Nat. Hist. (7) **19**: 293. [Described.]¹
 1914 *Rhotala delineata* Distant, Trans. Zool. Soc. London **20**: 349. [Comparative note.]¹
 1914 *Rhotala delineata* Melichar, Monographie der Tropicuchinen **1914**: 135. [Described.]¹ :143. [Listed.]¹
 1915 *Rhotala delineata* Melichar, Verh. Naturf. Ver. Brünn **53**: 216. [Described.]¹ :224. [Listed.]¹

depressifrons Muir

- 1923 *Rhotala depressifrons* Muir, Philippine Jour. Sci. **22**: 171. [n. sp.]¹ Sumatra¹

formosana Matsumura

- 1914 *Rhotala formosana* Matsumura, Ann. Mus. Nat. Hungarici **12**: Formosa¹ 279. [n. sp.]¹
 1915 *Rhotala formosana* Schumacher, Mitt. Zool. Mus. Berlin **8**: 119. [Listed.]¹

funesta Walker

- 1870 *Enada* [sic] *funesta* Walker, Jour. Linnean Soc. Zool. **10**: 117. [n. Mysol¹ sp.]¹

gravelyi Muir

- 1922 *Rhotala gravelyi* Muir, Rec. Indian Mus. **24**: 353; Fig. 3. [n. sp., Bengal¹ illustrated.]¹
 1923 *R[hotala] gravelyi* Muir, Philippine Jour. Sci. **22**: 171. [Comparative note.]

ibukisana Matsumura

- 1914 *Rhotala ibukisana* Matsumura, Ann. Mus. Nat. Hungarici **12**: Honshu¹ 280. [n. sp.]¹

jozankeana Matsumura

- 1914 *Rhotala jozankeana* Matsumura, Ann. Mus. Nat. Hungarici **12**: Hokkaido¹ 278. [n. sp.]¹:279. [Comparative note.]

nawae Matsumura

- 1907 *Rhotala nawae* Matsumura, Annot. Zool. Japonenses **6**: 86. Honshu¹
 [Listed.] [nom. nud.] Japan²
 1914 *Rhotala nawae* Matsumura, Ann. Mus. Nat. Hungarici **12**: 279.
 [n. sp.]¹:280. [Comparative note.]
 1932 *Rhotala nawae* Esaki, Iconographia Insectorum Japonicorum **1932**: [1788]; 1 fig.
 [Described, illustrated.]²
 1933 *Rhotala nawae* Kato, Three Colour Illustrated Insects of Japan **4**: Pl. 10, Fig. 8.
 [Illustrated.]²

nebulosa Distant

- 1914 *Rhotala nebulosa* Distant, Trans. Zool. Soc. London **20**: 349; Pl. Dutch
 XXXIV, Figs. 2, 2a. [n. sp., illustrated.]¹ New Guinea¹

niijimae. Typographical error for *Rhotala niisimae* Matsumura.

niisimae Matsumura

- 1905 *Rhotala niisimae* Matsumura, [1000 Insects of Japan.] **2**: [62]; Pl. Japan¹
 XXI, Fig. 15. [n. sp., illustrated.]¹ Honshu²
 1907 *Rhotala niijimae* [sic] Matsumura, Annot. Zool. Japonenses **6**: 86.
 [Listed.]
 1914 *Rhotala niisimae* Matsumura, Ann. Mus. Nat. Hungarici **12**: 278. [n. sp.]²
 1930 *Rhotala niisimae* Matsumura, The Illustrated Thousand Insects of Japan **1**: [43];
 Pl. V, Fig. 15. [Described, illustrated.]¹
 1931 *Rhotala niisimae* Matsumura, 6000 Illustrated Insects of Japan Empire **1931**:
 [1272]; 1 fig. [Described, illustrated.]¹
 1932 *Rhotala niisimae* Matsumura, Illustrated Common Insects of Japan **4**: 72; Pl.
 XVIII, Fig. 8. [Described, illustrated.]¹

philippinensis Distant

- 1907 *Rhotala philippinensis* Distant, Ann. Mag. Nat. Hist. (7) **19**: 294. Philippine
 [n. sp.]¹ Islands¹

vittata Matsumura

- 1907 *Rhotala vittata* Matsumura, Annot. Zool. Japonenses **6**: 86. Honshu¹
 [Listed.] [nom. nud.] Japan²
 1914 *Rhotala vittata* Matsumura, Ann. Mus. Nat. Hungarici **12**: 280.
 [n. sp.]¹

Rhotala—*Salemina*—*Rhotella*—*Spendon*—*Tangina*1932 *Rhotala vittata* Esaki, *Iconographia Insectorum Japonicorum* 1932: [1788]; 1 fig. [Described, illustrated.]²1933 *Rhotala vittata* Kato, *Three Colour Illustrated Insects of Japan* 4: Pl. 10, Fig. 10. [Illustrated.]²Genus **SALEMINA** KirkaldyHaplotype *Salemina francescophila* [n. sp.] 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 1 (9): 424.

Salemina 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 1 (9): 424. [gen. n.] :417 [Key.] :314. [Listed.]

1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 3: 116. [Key.]

1912 Waterhouse, *Index Zoologicus* No. II. 1912: 268. [Listed.]1936 Schulze, Kükenthal and Heider, *Nomenclator Animalium* 5 (22): 3091. [Listed.]1940 Neave, *Nomenclator Zoologicus* 4: 101. [Listed.]**francescophila** Kirkaldy1906 *Salemina francescophila* Kirkaldy, Bull. Hawaiian Sugar Pl. Queensland¹ Assoc. Div. Ent. 1 (9): 424. [n. sp.]¹ :314. [Listed.]Genus **RHOTELLA** MetcalfOrthotype *Rhotella punctata* [n. sp.] 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. 82: 375.

Rhotella 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. 82: 375. [gen. n.] :368. [Key.]

punctata Metcalf1938 *Rhotella punctata* Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. British Honduras¹ 82: 375; Pls. 9, 15. [n. sp., illustrated.]¹Genus **SPENDON** JacobiOrthotype *Spendon flavonotatus* [n. sp.] 1928 Jacobi, *Arkiv Zool.* 19 (28): 26.Spendon 1928 Jacobi, *Arkiv Zool.* 19 (28): 26. [gen. n.]1940 Neave, *Nomenclator Zoologicus* 4: 235. [Listed.]**flavonotatus** Jacobi1928 *Spendon flavonotatus* Jacobi, *Arkiv Zool.* 19 (28): 26; Figs. 15a-b. Queensland¹ [n. sp., illustrated.]¹Genus **TANGINA** MelicharHaplotype *Tangina bipunctata* [n. sp.] 1903 Melichar, *Homopteren-Fauna von Ceylon* 1903: 44.Type *Tangina bipunctata* 1906 Distant, *Fauna of British India* 3: 491.Tangina 1903 Melichar, *Homopteren-Fauna von Ceylon* 1903: 44. [gen. n.] :223. [Listed.]1906 Distant, *Fauna of British India* 3: 291. [Described.] :286. [Key.]

1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 3: 117. [Comparative note.]

1912 Waterhouse, *Index Zoologicus* No. II 1912: 293. [Listed.]

- 1914 Melichar, Philippine Jour. Sci. 9: 176. [New species from Philippine Islands.¹
Equals *Eurynomeus* Kirk. [error.]
1926 Haupt, Philippine Jour. Sci. 29: 441. Equals *Eurynomeus* Kirk. [error.]
1926 Schmidt, Treubia 7: 235. [Comparative note.]
1938 Schulze, Kükenthal and Heider, Nomenclator Animalium 5 (24): 3384.
[Listed.]
1940 Neave, Nomenclator Zoologicus 4: 395. [Listed.]

bipunctata Melichar

- 1903 *Tangina bipunctata* Melichar, Homopteren-Fauna von Ceylon Ceylon¹
1903: 44; Pl. II, Figs. 19, 19a-c. [n. sp., illustrated.]¹: 223. [Listed.]¹
1906 *Tangina bipunctata* Distant, Fauna of British India 3: 292; Fig. 139. [Described, il-
lustrated.]¹
1914 *Tangina bipunctata* Melichar, Philippine Jour. Sci. 9: 176, 177. [Comparative notes.]

modesta Haupt

- 1926 *Tangina modesta* Haupt, Philippine Jour. Sci. 29: 441. [n. sp.]¹ Mindanao¹

quadrilineata Melichar

- 1914 *Tangina quadrilineata* Melichar, Philippine Jour. Sci. 9: 177. [n. sp.]¹ Luzon¹
sp.]¹ Mindanao²
1926 *Tangina quadrilineata* Haupt, Philippine Jour. Sci. 29: 441.
[Listed.]²

quadripunctulata Melichar

- 1914 *Tangina quadripunctulata* Melichar, Philippine Jour. Sci. 9: 176. Luzon¹
[n. sp.]¹

Genus **TABIANA** Jacobi

Orthotype *Tabiana viridicans* [n. sp.] 1928 Jacobi, Arkiv Zool. 19 (28):
28.

- Tabiana* 1928 Jacobi, Arkiv Zool. 19 (28): 28. [gen. n.]
1940 Neave, Nomenclator Zoologicus 4: 382. [Listed.]

nebulosa Jacobi

- 1928 *Tabiana nebulosa* Jacobi, Arkiv Zool. 19 (28): 29; Fig. 17. [n. sp., Queensland¹
illustrated.]¹

obscura Jacobi

- 1928 *Tabiana obscura* Jacobi, Arkiv Zool. 19 (28): 30. [n. sp.]¹ Queensland¹

viridicans Jacobi

- 1928 *Tabiana viridicans* Jacobi, Arkiv Zool. 19 (28): 28; Figs. 16a-c. Queensland¹
[n. sp., illustrated.]¹: 29. [Comparative note.]

Genus **TALOKA** Distant

Orthotype *T[aloka] opaca* 1907 Distant, Ann. Mag. Nat. Hist. (7) 19:
280.

Taloka—*Tropiphlepsia*—*Taractellus*—*Kosalya*

- Taloka* 1907 Distant, Ann. Mag. Nat. Hist. (7) 19: 280. [gen. n.]
 1912 Waterhouse, Index Zoologicus No. II. 1912: 293. [Listed.]
 1925 Muir, Pan-Pacific Ent. 1: 161. [Listed.]
 1938 Schulze, Kükenthal and Heider, Nomenclator Animalium 5 (24): 3380. [Listed.]
 1940 Neave, Nomenclator Zoologicus 4: 392. [Listed.]

opaca Walker

- 1870 *Brixia opaca* Walker, Jour. Linnean Soc. Zool. 10: 111. [n. sp.]¹ New Guinea¹
 1907 *Taloka opaca* Distant, Ann. Mag. Nat. Hist. (7) 19: 280. [Listed.]¹
 Equals *Brixia opaca* Walk.

Genus **TROPIPHLEPSIA** Muir

Haplotype *Tropiphlepsia badia* [n. sp.] 1924 Muir, Mem. Queensland Mus. 8: 32.

- Tropiphlepsia* 1924 Muir, Mem. Queensland Mus. 8: 32. [gen. n.]
 1940 Neave, Nomenclator Zoologicus 4: 581. [Listed.]

badia Muir

- 1924 *Tropiphlepsia badia* Muir, Mem. Queensland Mus. 8: 32; Fig. 3. Queensland¹
 [n. sp., illustrated.]¹

Genus **TARACTELLUS** Metcalf

Taractellus nom. nov. for *Taracticus* Berg 1881 [nec *Taracticus* Loew 1872.]
 Orthotype *Cixius chilensis* Spinola.

[*Taracticus* Berg]

[Haplotype *Cixius chilensis* 1881 Berg, An. Soc. Cient. Argentina 12: 265.]

[Type *Cixius chilensis* 1882 Reuter, Zool. Jahresb. 1881: 283.]

- Taracticus* 1881 Berg, An. Soc. Cient. Argentina 12: 265. [gen. n.]
 1882 Reuter, Zool. Jahresb. 1881: 283. [Described.]
 1902 Waterhouse, Index Zoologicus 1902: 366. [Listed.]
 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. 82: 368. [Key.]
 1938 Schulze, Kükenthal and Heider, Nomenclator Animalium 5 (24): 3390. [Listed.]
 1940 Neave, Nomenclator Zoologicus 4: 402. [Listed.]

chilensis Spinola

- 1852 *Cixius chilensis* Spinola, Gay's Historia Fisica y Politica de Chile Chile¹
 7: 249. [n. sp.]¹
 1881 *Taracticus chilensis* Berg, An. Soc. Cient. Argentina 12: 265. [Described.]¹ Equals *Cixius chilensis* Spin.

Genus **KOSALYA** Distant

Orthotype *Kosalya flavostrigata* [n. sp.] 1906 Distant, Fauna of British India 3: 292.

- Kosalya* 1906 Distant, Fauna of British India 3: 292. [gen. n.] :286. [Key.]

- 1912 Waterhouse, Index Zoologicus No. II 1912: 146. [Listed.]
 1917 Distant, Trans. Linn. Soc. London Zool. 17: 286. [Comparative note.]
 1930 Schulze, Kükenthal and Heider, Nomenclator Animalium 3 (13): 1634. [Listed.]
 1939 Neave, Nomenclator Zoologicus 2: 834. [Listed.]

flavostrigata Distant

- 1906 *Kosalya flavostrigata* Distant, Fauna of British India 3: 293; Fig. Burma¹
 140. [n. sp., illustrated.]¹ Japan²
 1933 *Kosalya flavostrigata* Kato, Three Colour Illustrated Insects of
 Japan 4: Pl. 10, Fig. 9. [Illustrated.]²

Genus **WINAWA** Haupt

Haplotype *Winawa bicolor* [n. sp.] 1926 Haupt, Philippine Jour. Sci.
 29: 442.

- Winawa 1926 Haupt, Philippine Jour. Sci. 29: 442. [gen. n.]
 1940 Neave, Nomenclator Zoologicus 4: 657. [Listed.]

bicolor Haupt

- 1926 *Winawa bicolor* Haupt, Philippine Jour. Sci. 29: 443; Pl. 1, Figs. Mindanao¹
 7, 8. [n. sp., illustrated.]¹

Genus **PHRYGIA** Stål

Haplotype *Phrygia fuscata* [n. sp.] 1856 Stål, Öfv. Svenska Vet. Akad.
 Förh. 13: 163.

- Phrygia 1856 Stål, Öfv. Svenska Vet. Akad. Förh. 13: 163. [gen. n.]
 1858 Signoret, Bull. Soc. Ent. France (3) 6: xxxviii. [Listed.]
 1859 Dohrn, Catalogus Hemipterorum 1859: 63. [Listed.]
 1862 Stål, Handl. Svenska Vet. Akad. 3 (6): 5. [New species from South America.]
 :65, 66. [Comparative note.]
 1866 Stål, Hemiptera Africana 4: 182. [Key.]
 1870 Stål, Öfv. Svenska Vet. Akad. Förh. 27: 748. [Comparative note.]
 1873 Marschall, Nomenclator Zoologicus 1873: 377. [Listed.]
 1882 Scudder, Bull. United States Nat. Mus. 19: 245. [Listed.]
 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 1 (9): 422. [Comparative
 note.]
 1934 Schulze, Kükenthal and Heider, Nomenclator Animalium 4 (19): 2658.
 [Listed.]
 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. 82: 368. [Key.]
 1940 Neave, Nomenclator Zoologicus 3: 733. [Listed.]

ancora Stål. See *Neliidia ancora* Stål.

bipunctula Stål. See *Phypia bipunctula* Stål.

fuscata Stål

- 1856 *[Phrygia] fuscata* Stål, Öfv. Svenska Vet. Akad. Förh. 13: 164. [n. Brazil¹
 sp.]¹
 1859 *[Phrygia] fuscata* Dohrn, Catalogus Hemipterorum 1859: 63. [Listed.]¹

fuscomaculata Stål. See *Phypia fuscomaculata* Stål.

varinervis Stål. See *Phypia varinervis* Stål.

Usana—*Ballomarius*—*Lanuvia*Genus **USANA** Distant

Orthotype *Usana lineolalis* [n. sp.] 1906 Distant, Fauna of British India **3**: 293.

- Usana* 1906 Distant, Fauna of British India **3**: 392. [gen. n.] :286 [Key.]
 1912 Waterhouse, Index Zoologicus No. II **1912**: 314. [Listed.]
 1914 Matsumura, Ann. Mus. Nat. Hungarici **12**: 276. [A new species from Japan and Formosa.]
 1915 Schumacher, Mitt. Zool. Mus. Berlin **8**: 118. [List of species from Formosa.]
 1916 Distant, Fauna of British India **6**: 61. [Listed.]
 1940 Neave, Nomenclator Zoologicus **4**: 622. [Listed.]
 1941 Jacobi, Zool. Jahrb. Syst. Ökol. **74**: 295. [Comparative note.]

abdominalis Distant

- 1916 *Usana abdominalis* Distant, Fauna of British India **6**: 61; Fig. 46. Sikkim¹
 [n. sp., illustrated.]¹

lineolalis Distant

- 1906 *Usana lineolalis* Distant, Fauna of British India **3**: 294; Fig. 141. Tenasserim¹
 [n. sp., illustrated.]¹

yanonis Matsumura

- 1914 *Usana yanonis* Matsumura, Ann. Mus. Nat. Hungarici **12**: 276; Honshu¹
 Figs. 7a-d. [n. sp., illustrated.]^{1,2,3} Kyushu²
 1915 *Usana yanonis* Schumacher, Mitt. Zool. Mus. Berlin **8**: 118. Formosa³
 [Listed.]^{3,4} Japan⁴
 1932 *Usana yanonis* Esaki, Iconographia Insectorum Japonicorum
1932: [1787]; 1 Fig. [Described, illustrated.]⁴
 1940 *Ussana* [sic] *yanonis* Matsumura, Ins. Matsumurana **15**: 36. [Listed.]^{3,4}

Genus **BALLOMARIUS** Jacobi

Orthotype *Ballomarius terrenus* [n. sp.] 1941 Jacobi, Zool. Jahrb. Syst. Ökol. **74**: 294.

Ballomarius 1941 Jacobi, Zool. Jahrb. Syst. Ökol. **74**: 294. [gen. n.] :295. [Comparative note.]

terrenus Jacobi

- 1941 *Ballomarius terrenus* Jacobi, Zool. Jahrb. Syst. Ökol. **74**: 295; Pl. Flores¹
 5, Fig. 8. [n. sp., illustrated.]¹

Genus **LANUVIA** Stål

Lanuvia 1866 Stål, Hemiptera Africana **4**: 182. [gen. n., key.]

GENERIC AND SPECIFIC SYNONYMY

Genus **ACHILIUS**

Achilius. Typographical error for *Achilus* Kirby.

Genus **ACHILLUS** Amyot and Serville

Achillus Amyot and Serville. See *Achilus* Kirby.

flammeus Kirby. See *Achilus flammeus* Kirby.

Genus **ALCESTIS** Stål

Alcestis Stål. See *Alcestis* Stål. Family TROPIDUCHIDAE.

Genus **AMBALANGODA** Distant

Ambalangoda Distant. See *Ptoleria* Stål. Family CIXIDAE, Fascicle IV, Part 2.

Genus **ANGELEUSA**

Angeleusa. Typographical error for *Argeleusa* Kirkaldy.

Genus **BOLYSTHENES**

Bolysthenes. Typographical error for *Borysthenes* Stål. Family CIXIDAE, Fascicle IV, Part 2.

Genus **CATONIDA**

Catonida. Typographical error for *Catonidia* Uhler.

Genus **CEDUSA** Fowler

Cedusa Fowler. See *Cedusa* Fowler, Family DERBIDAE, Fascicle IV, Part 4.

Genus **CHROBENA**

Chrobena. Typographical error for *Chroneba* Stål.

Genus **COTONIA**

Cotonia. Typographical error for *Catonia* Uhler.

Genus **DECORA** Dammerman

Decora Dammerman. See *Decora* Dammerman. Family DERBIDAE, Fascicle IV, Part 4.

Genus **ELEDIPTERA**

Elediaptera. Typographical error for *Elidiptera* Spinola.

Genus **ELIDIPTERA** [nec Spinola]

Elidiptera [nec Spinola]. See *Epiptera* Metcalf.

Genus **ELIDOPTERA**

Elidoptera. Typographical error for *Elidiptera* Spinola.

Genus **ELLIDIPTERA**

Ellidiptera. Typographical error for *Elidiptera* Spinola.

Genus **ELYDIPTERA**

Elydiptera. Typographical error for *Elidiptera* Spinola.

Genus **ENADA**

Enada. Typographical error for *Errada* Walker. See *Rhotala* Walker.

Genus **EPONISIA** Matsumura

Eponisia Matsumura. See *Eponisia* Matsumura. Family MEENOPLIDAE, Fascicle IV, Part 6.

Genus **ERRADA** Walker

Errada Walker. See *Rhotala* Walker.

funesta Walker. See *Rhotala funesta* Walker.

Genus **FAVENTIA** Stål

Faventia Stål. See *Faventilla* Metcalf.

flava Muir. See *Faventilla flava* Muir.

guttifera Walker. See *Faventilla guttifera* Walker.

guttulata Stål. See *Faventilla guttulata* Stål.

pustulata Walker. See *Faventilla pustulata* Walker.

Genus **GORDIA** Melichar

Gordia Melichar. See *Gordiacea* Metcalf.

oculata Melichar. See *Gordiacea oculata* Melichar.

Genus **GRYNIA** Stål

Grynica Stål. See *Grynica* Stål. Family TROPIDUCHIDAE.

Genus **HELICOPTERA** Amyot and Serville

Helicoptera Amyot and Serville. See *Elidiptera* Spinola.

advena Spinola. See *Epiptera advena* Spinola.

albidovariegata Fowler (var.). See *Catonia sobrina* var. *albidovariegata* Fowler.

b Sahlberg (var.) See *Epiptera lapponica* var. *hyalina* Metcalf.

callosa Spinola. See *Elidiptera callosa* Spinola.

chiriquensis Fowler. See *Catonia chiriquensis* Fowler.

cincliceps Spinola. See *Epiptera cincliceps* Spinola.

colorata Van Duzee. See *Epiptera colorata* Van Duzee.

confinis Zetterstedt. See *Cixidia confinis* Zetterstedt.

floridae Walker. See *Epiptera floridae* Walker.

- fusca* Walker. See *Elidiptera fusca* Walker.
genei Spinola. See *Epiptera genei* Spinola.
karaseki Melichar. See *Epiptera karaseki* Melichar.
lapponica Zetterstedt. See *Epiptera lapponica* Zetterstedt.
lapponica var. *b* Sahlberg. See *Epiptera lapponica* var. *hyalina* Metcalf.
longiceps Fowler. See *Elidiptera longiceps* Fowler.
marginicollis Spinola. See *Epiptera marginicollis* Spinola.
nava Say. See *Catonia nava* Say.
nova. Typographical error for *Helicoptera nava* Say. See *Catonia nava* Say.
okunii Matsumura. See *Epiptera okunii* Matsumura.
opaca Say. See *Epiptera opaca* Say.
pallida Say. See *Epiptera pallida* Say.
parnassia Stål. See *Epiptera parnassia* Stål.
pinorum Manee. See *Epiptera opaca* Say.
septentrionalis Provancher. See *Epiptera septentrionalis* Provancher.
slossoni Van Duzee. See *Epiptera slossoni* Van Duzee.
smaragdilinea Walker. See *Miasa smaragdilinea* Walker. Family DICTYOPHARIDAE, Fascicle IV, Part 8.
sobrina Fowler. See *Catonia sobrina* Fowler.
sobrina var. *albidovariegata* Fowler. See *Catonia sobrina* var. *albidovariegata* Fowler.
ussuriensis Kusnezov. See *Epiptera ussuriensis* Kusnezov.
variegata Van Duzee. See *Epiptera variegata* Van Duzee.
vestita Provancher. See *Epiptera opaca* Say.

Genus **HELIPTERA** [nec Amyot and Serville]

Helicoptera [nec Amyot and Serville]. See *Epiptera* Metcalf.

Genus **KINNARA** Distant

Kinnara Distant. See *Kinnara* Distant. Family KINNARIDAE, Fascicle IV, Part 7.

Genus **KIRBYANA** Distant

Kirbyana Distant. See *Kirbyana* Distant. Family CIXIIDAE, Fascicle IV, Part 2.

Genus **LEPTARCYA** Amyot [non binom.]

Leptarcya Amyot [non binom.]. See *Epiptera leptarcya* Amyot.

Genus **MAJELLA** Kirkaldy

Majella Kirkaldy. See *Majellana* Metcalf.

albomaculata Muir. See *Majellana albomaculata* Muir.

majella Kirkaldy. See *Majellana majella* Kirkaldy.

philippina Melichar. See *Majellana philippina* Melichar.

Genus **MEENOPLUS** Fieber

Meenoplus Fieber. See *Meenoplus* Fieber. Family MEENOPLIDAE, Fascicle IV, Part 6.

Genus **MELANDEVA** Distant

Melancdevs Distant. See *Melandeva* Distant. Family CIXIIDAE, Fascicle IV, Part 2.

Genus **MENOCRIA** Amyot [non binom.]

Menocria Amyot [non binom.]. See *Epiptera marginicollis* Spinola.

advena Spinola. See *Epiptera advena* Spinola.

marginicollis Spinola. See *Epiptera marginicollis* Spinola.

Genus **MISBECA** Amyot [non binom.]

Misbeca Amyot [non binom.]. See *Epiptera misbeca* Amyot.

Genus **MONORACHIS** Uhler

Monorachis Uhler. See *Monorachis* Uhler. Family CIXIIDAE, Fascicle IV, Part 2.

Genus **NISIA** Melichar

Nisia Melichar. See *Nisia* Melichar. Family MEENOPLIDAE, Fascicle IV, Part 6.

Genus **OCHROPHARA** Amyot [non binom.]

Ochrophara Amyot [non binom.]. See *Epiptera ochrophara* Amyot.

Genus **OMMATIDIOTUS** Spinola

Ommatidiotus Spinola. See *Ommatidiotus* Spinola. Family ISSIDAE.

Genus **PARANISIA** Matsumura

Paranisia Matsumura. See *Anigrus* Stål. Family MEENOPLIDAE, Fascicle IV, Part 6.

Genus **PARUZELIA** Melichar

Paruzelia Melichar. See *Paruzelia* Melichar. Family TROPIDUCHIDAE.

Genus **PLECTRODERES**

Plectroderes. Typographical error for *Plectoderes* Spinola.

Genus **PLEROMA** Melichar

Pleroma Melichar. See *Kinnara* Distant. Family KINNARIDAE, Fascicle IV, Part 7

Genus **PSEUDOHELICOPTERA**

Pseudohelicoptera. Typographical error for *Pseudhelicoptera* Fowler.

Genus **ROBIGALIA** Distant

Robigalia Distant. See *Robigalia* Distant. Family MEENOPLIDAE, Fascicle IV, Part 6.

Genus **RUDIA** Stål

Rudia Stål. See *Colgorma* Kirkaldy. Family TROPIDUCHIDAE.

Genus **SABECUS** Amyot [non binom.]

Sabecus Amyot [non binom.]. See *Epiptera sabecus* Amyot.

Genus **SEVIA** Stål

Sevia Stål. See *Sevia* Stål. Family CIXIIDAE, Fascicle IV, Part 2.

Genus **TALALOA** Distant

Talaloea Distant. See *Solonaima* Kirkaldy. Family CIXIDAE, Fascicle IV, Part 2.

Genus **TARACTICUS** Berg

Taracticus Berg. See *Taractellus* Metcalf.

chilensis Spinola. See *Taractellus chilensis* Spinola.

Genus **TEMESA** Melichar

Temesa Melichar. See *Vekunta* Distant. Family DERBIDAE, Fascicle IV, Part 4.

Genus **TRISTIROPS** Amyot [non binom.]

Tristirops Amyot [non binom.]. See *Epiptera tristirops* Amyot.

Genus **TUDEA** Distant

Tudea Distant. See *Aneiopo* Kirkaldy.

picturata Distant. See *Aneiopo diva* Kirkaldy.

Genus **USSANA**

Ussana. Typographical error for *Usana* Distant.

Genus **VEKUNTA** Distant

Vekunta Distant. See *Vekunta* Distant. Family DERBIDAE, Fascicle IV, Part 4.

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