

GENERAL CATALOGUE
OF THE
HEMIPTERA

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

FASCICLE IV
FULGOROIDEA

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KINNARIDAE

BY

Z. P. METCALF, D.Sc.

College of Agriculture and Engineering of the University of North Carolina

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FULGOROIDEA

PART 7

KINNARIDAE

BY

Z. P. METCALF

THE UNIVERSITY OF CHICAGO

ALVIN J. COOPER

1954

INTRODUCTION

The present catalogue of the Family Kinnaridae forms Part 7 of Fascicle IV of the General Catalogue of the Hemiptera of the World, which is devoted to the Superfamily Fulgoroidea.

CHARACTERS OF THE FAMILY

The Family Kinnaridae is another small family of the Fulgoroidea. The present catalogue contains 8 genera and 42 species. It has close affinities with the Cixiidae and might be grouped as a subfamily of the family Cixiidae if it were not for the peculiar genitalia and certain other minor characters. The head is usually small, narrower than the thorax. Vertex and frons sometimes narrow and trough-like, sometimes broad. Lateral carinae usually strongly elevated. The median ocellus conspicuous, indistinct, or absent. Antennae small, simple, second segment usually globose, sometimes more elongate. Tegulae large. Pronotum broader than head, median and intermediate carinae usually distinct. Tegmina usually elongate, nearly parallel-margined. Subcosta and radius usually forming a common stem to beyond the middle of the tegmina. Media sometimes joined to the base of the subcostal-radial stem. Radius and media with two or more branches. Claval stem reaching apex of clavus. Sixth, seventh, and eighth tergites bearing wax-secreting pores. Male genitalia of the general derbid pattern, with the genital plates usually large. Female genitalia incomplete.

HISTORICAL RÉSUMÉ

This family was established by Muir in 1925 and he has contributed more to our knowledge of this family than all other students combined. The genera and species have been described chiefly by Ball, Bierman, Distant, Fowler, Melichar, Muir, Myers, Uhler, and Van Duzee. Fennah's recent contribution to the fauna of the British West Indies is a clear indication of the amount of work that needs to be done on the tropical genera and species before we have an adequate knowledge of this family.

Family KINNARIDAE Muir

- Kinnaridae 1925 Muir, Pan-Pacific Ent. 1: 97. [List of genera.] :98. [Family.] :110. [Key.] :158. [Described.]
1927 Muir, Ann. Mag. Nat. Hist. (9) 19: 197. [Note.]
1928 Myers, Studies on Cuban Insects 1928: 17. *Family*. [Notes.]
1930 Muir, Ann. Mag. Nat. Hist. (10) 6: 464. [Key.] :472. [Notes.]
1932 Brues and Melander, Bull. Mus. Comp. Zool. Harvard Coll. 73: 119. *Family*. [Key.]
1934 Muir, Ann. Mag. Nat. Hist. (10) 14: 580. [New species from the Nearctic Region.]

- 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. 82: 281. [Key.]
 1939 Metcalf, Jour. Soc. Biol. Nat. Hist. 1: 247. [Listed.]
 1942 da Costa Lima, Insetos do Brasil 3: 39. [Key.]
 1942 Fennah, Proc. Ent. Soc. Washington 44: 99. [Key to genera.]

Genus **KINNARA** Distant

Orthotype *Pleroma ceylonica* 1906 Distant, Fauna of British India 3: 289.

Type *Pleroma ceylonica* 1925 Muir, Pan-Pacific Ent. 1: 101.

[*Pleroma* Melichar]

[Logotype *Pleroma ceylonica* 1925 Muir, Pan-Pacific Ent. 1: 103.]

- Pleroma* 1903 Melichar, Homopteren-Fauna von Ceylon 1903: 41. [gen. n.] :223. [Listed.]
 Kinnara 1906 Distant, Entomologist 39: 8. Nom. nov. for *Pleroma* Mel.
 1906 Distant, Fauna of British India 3: 289. Nom. nov. for *Pleroma* Mel. [Described.] :286. [Key.]
Pleroma 1907 Bierman, Ent. Berichten 2: 162. [Listed.]
 Kinnara 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 3: 95, 106. [Listed.] :114. [Comparative note.]
Pleroma 1908 Bierman, Notes Leyden Mus. 29: 154. [Listed.]
 Kinnara 1912 Waterhouse, Index Zoologicus No. II. 1912: 145. [Listed.]
Pleroma 1912 Waterhouse, Index Zoologicus No. II. 1912: 235. [Listed.]
 Kinnara 1913 Muir, Proc. Hawaiian Ent. Soc. 2: 265. [Notes.]
 1914 Melichar, Notes Leyden Mus. 36: 97. Equals *Pleroma* Mel.
 1915 Schumacher, Mitt. Zool. Mus. Berlin 8: 119. [Listed.] Equals *Pleroma* Mel.
 1915 Schumacher, Suppl. Ent. 4: 134. [Listed.] Equals *Pleroma* Mel.
 1916 Distant, Fauna of British India 6: 59. [Listed.]
 1922 Muir, Philippine Jour. Sci. 20: 111; Pl. 1, Fig. 1. [Described, illustrated.] Equals *Pleroma* Mel.
 1923 Muir, Proc. Hawaiian Ent. Soc. 5: 223. [Notes.]
 1925 Muir, Pan-Pacific Ent. 1: 98. [Notes.] :101. [Listed.] Equals *Pleroma* Mel. :110. [Key.] :158. [Listed.]
Pleroma 1925 Muir, Pan-Pacific Ent. 1: 103. To *Kinnara* Dist.
 Kinnara 1926 Muir, Proc. Hawaiian Ent. Soc. 6: 336. [Comparative note.]
 1928 Myers, Studies on Cuban Insects 1928: 18. [Listed.]
 1930 Muir, Ann. Mag. Nat. Hist. (10) 6: 472. [Listed.]
 1930 Schulze, Kükenthal and Heider, Nomenclator Animalium 3 (13): 1728. [Listed.] Equals *Pleroma* Mel.
 1932 Brues and Melander, Bull. Mus. Comp. Zool. Harvard Coll. 73: 119. [Listed.]
Pleroma 1935 Schulze, Kükenthal and Heider, Nomenclator Animalium 4 (20): 2738. [Listed.]
 Kinnara 1939 Neave, Nomenclator Zoologicus 2: 827. [Listed.] Equals *Pleroma* Mel.
Pleroma 1940 Neave, Nomenclator Zoologicus 3: 812. [Listed.] To *Kinnara* Dist.
 Kinnara 1942 Fennah, Proc. Ent. Soc. Washington 44: 99. [Key.]

albiplaga Distant. See *Suva albiplaga* Distant. Family MEENOFLIDAE. Fascicle IV, Part 6.

bakeri Muir

- 1922 *Kinnara bakeri* Muir, Philippine Jour. Sci. 20: 113; Pl. 1, Fig. 6. Federated
 [n. sp., illustrated.]¹ :114. [Comparative note.] Malay States¹

brunnea Muir

- 1913 *Kinnara brunnea* Muir, Proc. Hawaiian Ent. Soc. 2: 265. [n. sp.]¹ Borneo¹
 1922 *Kinnara brunnea* Muir, Philippine Jour. Sci. 20: 113. [Comparative note.]

*Kinnara***ceylonica** Melichar

- 1903 *Pleroma ceylonica* Melichar, Homopteren-Fauna von Ceylon 1903: 42; Pl. I, Figs. 12, 12a-c. [n. sp., illustrated.]¹ :223. [Listed.]¹ Ceylon¹
- 1906 *Kinnara ceylonica* Distant, Fauna of British India 3: 289; Fig. 137. [Described, illustrated.]¹ Equals *Pleroma ceylonica* Mel.
- 1912 *Kinnara ceylonica* Distant, Ann. Mag. Nat. Hist. (8) 9: 187. [Comparative note.]
- 1916 *Kinnara ceylonica* Distant, Fauna of British India 6: 60. [Comparative note.]
- 1925 *Kinnara ceylonica* Muir, Pan-Pacific Ent. 1: 103. Equals *Pleroma ceylonica* Mel.

flavifrons Muir

- 1913 *Kinnara flavifrons* Muir, Proc. Hawaiian Ent. Soc. 2: 265. [n. sp.]^{1,2} Java¹
Borneo²

flavipes Bierman

- 1907 *Pleroma flavipes* Bierman, Ent. Berichten 2: 162. [n. sp.]¹ Java¹
- 1908 *Pleroma flavipes* Bierman, Notes Leyden Mus. 29: 154; Pl. III, Fig. 3. [Described, illustrated.]¹
- 1914 *Kinnara flavipes* Melichar, Notes Leyden Mus. 36: 97. [Listed.]¹ Equals *Pleroma flavipes* Bierm.

flavofasciata Distant

- 1916 *Kinnara flavofasciata* Distant, Fauna of British India 6: 59. [n. sp.]¹ India¹
Mindanao²
- 1922 *Kinnara flavofasciata* Muir, Philippine Jour. Sci. 20: 112; Pl. 1, Fig. 3. [Notes, illustrated.]^{2,5} Madras
Presidency³
- 1934 *Kinnara flavofasciata* Chatterjee and Bose, Indian For. Rec. 19 (8): 4. [Listed.]^{3,4} India⁴
Basilan⁵

fulva Muir

- 1913 *Kinnara fulva* Muir, Proc. Hawaiian Ent. Soc. 2: 266. [n. sp.]¹ Borneo¹

fumata Melichar

- 1903 *Pleroma fumata* Melichar, Homopteren-Fauna von Ceylon 1903: 42. [n. sp.]¹ :223. [Listed.] India¹
Bombay
- 1906 *Kinnara fumata* Distant, Fauna of British India 3: 289. [Described.]² Equals *Pleroma fumata* Mel. Presidency²
Formosa³
- 1915 *Kinnara fumata* Schumacher, Mitt. Zool. Mus. Berlin 8: 119. [Listed.]^{1,3} Equals *Pleroma fumata* Mel. :125. [Note.] South India⁴
- 1915 *Kinnara fumata* Schumacher, Suppl. Ent. 4: 134. [Listed.]³
- 1916 *Kinnara fumata* Distant, Fauna of British India 6: 59. [Listed.]⁴

maculata Distant

- 1912 *Kinnara maculata* Distant, Ann. Mag. Nat. Hist. (8) 9: 187. [n. sp.]¹ Travancore¹
Bombay
- 1916 *Kinnara maculata* Distant, Fauna of British India 6: 59; Fig. 44. [Described, illustrated.]¹ Presidency²
- 1922 *Kinnara maculata* Muir, Rec. Indian Mus. 24: 349. [Notes.]²
- 1923 *Kinnara maculata* Muir, Proc. Hawaiian Ent. Soc. 5: 223; Pl. IV, Fig. 4. [Illustrated.]

marginalis Muir

- 1922 *Kinnara marginalis* Muir, Philippine Jour. Sci. 20: 114; Pl. 1, Fig. 7. [n. sp., illustrated.]¹ Borneo¹

nigrocacuminis Muir

- 1923 *Kinnara nigrocacuminis* Muir, Philippine Jour. Sci. 22: 172; Sumatra¹
Pl. 1, Fig. 1. [n. sp., illustrated.]¹

nigrolineata Muir

- 1922 *Kinnara nigrolineata* Muir, Philippine Jour. Sci. 20: 113; Pl. 1, Negros Island¹
Fig. 5. [n. sp., illustrated.]¹

penangensis Muir

- 1922 *Kinnara penangensis* Muir, Philippine Jour. Sci. 20: 112; Pl. 1, Penang Island¹
Fig. 4. [n. sp., illustrated.]¹

sordida Muir

- 1913 *Kinnara sordida* Muir, Proc. Hawaiian Ent. Soc. 2: 266. [n. sp.]¹ Borneo¹

spectra Distant

- 1912 *Kinnara spectra* Distant, Ann. Mag. Nat. Hist. (8) 9: 187. [n. sp.]¹ East
1916 *Kinnara spectra* Distant, Fauna of British India 6: 60; Fig. 45. Himalayas¹
[Described, illustrated.]¹ Federated
1922 *Kinnara spectra* Muir, Philippine Jour. Sci. 20: 112; Pl. 1, Fig. 2. Malay States²
[Notes, illustrated.]² Assam³
1922 *Kinnara spectra* Muir, Rec. Indian Mus. 24: 349. [Notes.]³

Genus **EPARMENE** Fowler

Haplotype *Eparmene pulchella* [n. sp.] 1904 Fowler, Biologia Centrali-Americana 1: 101.

Type *Eparmene pulchella* 1925 Muir, Pan-Pacific Ent. 1: 101.

Type *Eparmene pulchella* 1928 Myers, Studies on Cuban Insects. 1928: 22.

- Eparmene* 1904 Fowler, Biologia Centrali-Americana 1: 101. [gen. n.] :81. [Key.]
1912 Waterhouse, Index Zoologicus No. II. 1912: 96. [Listed.]
1925 Muir, Pan-Pacific Ent. 1: 101. [Listed.] :107. [Key.]
1928 Myers, Studies on Cuban Insects 1928: 18. [Listed.] :22. [Comparative note.]
1929 Schulze, Kükenthal and Heider, Nomenclator Animalium 2 (10): 1160. [Listed.]
1930 Muir, Ann. Mag. Nat. Hist. (10) 6: 472. [Listed.]
1932 Brues and Melander, Bull. Mus. Comp. Zool. Harvard Coll. 73: 119. [Listed.]
1939 Neave, Nomenclator Zoologicus 2: 255. [Listed.]
1942 Fennah, Proc. Ent. Soc. Washington 44: 99; Pl. 8, Figs. 1, 4, 8. [Comparative note, key, note, illustrated.]

cubana Myers

- 1928 *Eparmene cubana* Myers, Studies on Cuban Insects 1928: 20; Cuba¹
Figs. 9-11. [n. sp., illustrated.]¹

pulchella Fowler

- 1904 *Eparmene pulchella* Fowler, Biologia Centrali-Americana 1: 101; Panama¹
Pl. 11, Figs. 6, 6a, b. [n. sp., illustrated.]¹
1928 *Eparmene pulchella* Myers, Studies on Cuban Insects 1928: 22. [Comparative note.]

*Paramicrixia—Quilessa*Genus **PARAMICRIXIA** Distant

Haplotype *Paramicrixia diaphana* [n. sp.] 1911 Distant, Ann. Mag. Nat. Hist. (8) 8: 742.

Type *Paramicrixia diaphana* 1916 Distant, Fauna of British India 6: 39.

Type *Paramicrixia diaphana* 1925 Muir, Pan-Pacific Ent. 1: 103.

- Paramicrixia 1911 Distant, Ann. Mag. Nat. Hist. (8) 8: 742. [gen. n.]
 1916 Distant, Fauna of British India 6: 39. [Described.]
 1925 Muir, Pan-Pacific Ent. 1: 103. [Listed.] :109. [Key.]
 1928 Myers, Studies on Cuban Insects 1928: 18. [Listed.]
 1930 Muir, Ann. Mag. Nat. Hist. (10) 6: 472. [Listed.]
 1933 Schulze, Kükenthal and Heider, Nomenclator Animalium 4 (18): 2504. [Listed.]
 1940 Neave, Nomenclator Zoologicus 3: 580. [Listed.]
 1942 Fennah, Proc. Ent. Soc. Washington 44: 99. [Key.]

diaphana Distant

- 1911 *Paramicrixia diaphana* Distant, Ann. Mag. Nat. Hist. (8) 8: 742. Bengal¹
 [n. sp.]¹
 1916 *Paramicrixia diaphana* Distant, Fauna of British India 6: 40; Fig. 25. [Described, illustrated.]¹

Genus **QUILESSA** Fennah

Orthotype *Quilessa lutea* [n. sp.] 1942 Fennah, Proc. Ent. Soc. Washington 44: 103.

Quilessa 1942 Fennah, Proc. Ent. Soc. Washington 44: 103; Pl. 8, Figs. 2, 7, 11. [gen. n., illustrated.] :99. [Listed, key, note.] :100. [Note.]

caerulea Fennah

- 1942 *Quilessa caerulea* Fennah, Proc. Ent. Soc. Washington 44: 106; Pl. 8, Fig. 9; Pl. 9, Figs. 67-74. [n. sp., illustrated.]¹ Dominica Island¹

gladiolata Fennah

- 1942 *Quilessa gladiolata* Fennah, Proc. Ent. Soc. Washington 44: 104; Pl. 9, Figs. 33-41. [n. sp., illustrated.]¹ Dominica Island¹
 1942 *Quilessa gladiolata* Fennah, Proc. Ent. Soc. Washington 44: 104. [Comparative note.]

lutea Fennah

- 1942 *Quilessa lutea* Fennah, Proc. Ent. Soc. Washington 44: 104; Pl. 9, Figs. 42-50. [n. sp., illustrated.]¹ Santa Lucia Island¹
 1942 *Quilessa lutea* Fennah, Proc. Ent. Soc. Washington 44: 105. [Comparative note.]

maculata Fennah

- 1942 *Quilessa maculata* Fennah, Proc. Ent. Soc. Washington 44: 105; Pl. 8, Fig. 10; Pl. 9, Figs. 51-57. [n. sp., illustrated.]¹ Dominica Island¹

nigrigena Fennah

- 1942 *Quilessa nigrigena* Fennah, Proc. Ent. Soc. Washington 44: 106; Dominica
Pl. 9, Figs. 58-66. [n. sp., illustrated.]¹ Island¹

Genus **PROSOTROPIS** Uhler

Haplotype *Prosotropis decorata* [n. sp.] 1895 Uhler, Proc. Zool. Soc. London 1895: 70.

Type *Prosotropis decorata* 1925 Muir, Pan-Pacific Ent. 1: 103.

Type *P[rosotropis] decorata* 1942 Fennah, Proc. Ent. Soc. Washington 44: 100.

- Prosotropis* 1895 Uhler, Proc. Zool. Soc. London 1895: 70. [gen. n.]
1902 Waterhouse, Index Zoologicus 1902: 306. [Listed.]
1903 Henshaw, Psyche 10: 228. [Listed.]
1925 Muir, Pan-Pacific Ent. 1: 103. [Listed.] :161. [Notes.]
1928 Myers, Studies on Cuban Insects 1928: 18. [Listed.] :22. [Comparative note.]
1930 Muir, Ann. Mag. Nat. Hist. (10) 6: 472. [Listed.]
1932 Brues and Melander, Bull. Mus. Comp. Zool. Harvard Coll. 73: 119. [Listed.]
1935 Schulze, Kükenthal and Heider, Nomenclator Animalium 4 (20): 2854. [Listed.]
1940 Neave, Nomenclator Zoologicus 3: 928. [Listed.]
1942 Fennah, Proc. Ent. Soc. Washington 44: 99. [Listed, key, note.] :100; Pl. 8, Figs. 3, 5, 6. [Note, described, illustrated.]

decorata Uhler

- 1895 *Prosotropis decorata* Uhler, Proc. Zool. Soc. London 1895: 70. St. Vincent
[n. sp.]¹ Island¹
1903 *Prosotropis decorata* Henshaw, Psyche 10: 228. [Listed.]¹
1925 *Prosotropis decorata* Muir, Pan-Pacific Ent. 1: 161. [Note.]
1942 *Prosotropis decorata* Fennah, Proc. Ent. Soc. Washington 44: 101; Pl. 8, Figs. 15-20, 22-25. [Described, illustrated.]¹
1942 *P[rosotropis] decorata* Fennah, Proc. Ent. Soc. Washington 44: 102, 103. [Comparative notes.]

marmorata Fennah

- 1942 *Prosotropis marmorata* Fennah, Proc. Ent. Soc. Washington 44: 103; Pl. 8, Figs. 12, 26, 30-32. [n. sp., illustrated.]¹ Montserrat
Island¹

rubiginosa Fennah

- 1942 *Prosotropis rubiginosa* Fennah, Proc. Ent. Soc. Washington 44: 102; Pl. 8, Figs. 13, 27-29. [n. sp., illustrated.]¹ Dominica
Island¹

trinervosa Fennah

- 1942 *Prosotropis trinervosa* Fennah, Proc. Ent. Soc. Washington 44: 101; Pl. 8, Figs. 14, 21. [n. sp., illustrated.]¹ Santa Lucia
Island¹
1942 *P[rosotropis] trinervosa* Fennah, Proc. Ent. Soc. Washington 44: 102, 103. [Comparative notes.]

Atopocixius—Oeclidius

Genus ATOPOCIXIUS Muir

Orthotype *Atopocixius ornatus* [n. sp.] 1926 Muir, Proc. Hawaiian Ent. Soc. 6: 335.

- Atopocixius 1926 Muir, Proc. Hawaiian Ent. Soc. 6: 335. [gen. n.]
 1928 Myers, Studies on Cuban Insects 1928: 18. [Listed.] :21. [Comparative note.]
 1930 Muir, Ann. Mag. Nat. Hist. (10) 6: 472. [Listed.]
 1932 Brues and Melander, Bull. Mus. Comp. Zool. Harvard Coll. 73: 119. [Listed.]
 1939 Neave, Nomenclator Zoologicus 1: 348. [Listed.]
 1942 Fennah, Proc. Ent. Soc. Washington 44: 99. [Listed, key, note.]

ornatus Muir

- 1926 *Atopocixius ornatus* Muir, Proc. Hawaiian Ent. Soc. 6: 336; Pl. Haiti¹ XII, Figs. 1-7. [n. sp., illustrated.]¹

Genus OECLIDIUS Van Duzee

Haplotype *Oeclidius nanus* [n. sp.] 1914 Van Duzee, Trans. San Diego Soc. Nat. Hist. 2: 40.

Haplotype *Oeclidius nanus* 1916 Van Duzee, Check List of Hemiptera of America North of Mexico 1916: 80.

Haplotype *Oeclidius nanus* 1917 Van Duzee, Catalogue of Hemiptera of American North of Mexico 1917: 736.

Type *Oeclidius nanus* 1925 Muir, Pan-Pacific Ent. 1: 103.

Type *Oeclidius nanus* 1934 Ball, Pan-Pacific Ent. 10: 77.

Type [*Oeclidius*] *nanus* 1934 Muir, Ann. Mag. Nat. Hist. (10) 14: 580.

- Oeclidius 1914 Van Duzee, Trans. San Diego Soc. Nat. Hist. 2: 40. [gen. n.]
 1916 Van Duzee, Check List of Hemiptera of America North of Mexico 1916: 80. [Listed.]
 1917 Van Duzee, Catalogue of Hemiptera of America North of Mexico 1917: 736. [Listed.]
 1925 Muir, Pan-Pacific Ent. 1: 103. [Listed.] :109. [Key.]
 1928 Myers, Studies on Cuban Insects 1928: 18. [Listed.]
 1930 Muir, Ann. Mag. Nat. Hist. (10) 6: 472. [Listed.]
 1932 Brues and Melander, Bull. Mus. Comp. Zool. Harvard Coll. 73: 119. [Listed.]
 1933 Schulze Kükenthal and Heider, Nomenclator Animalium 4 (17): 2314. [Listed.]
 1934 Ball, Pan-Pacific Ent. 10: 77. [Notes, key to species.]
 1935 Ball and Klingenberg, Ann. Ent. Soc. America 28: 193. [Key.]
 1940 Neave, Nomenclator Zoologicus 3: 390. [Listed.]
 1942 Fennah, Proc. Ent. Soc. Washington 44: 99. [Listed, key.]

brickellus Ball

- 1934 *Oeclidius brickellus* Ball, Pan-Pacific Ent. 10: 77. [n. sp., key.]^{1,2,3} Arizona¹
 Utah²
 Nevada³

carolus Ball

- 1934 *Oecliidius carolus* Ball, Pan-Pacific Ent. 10: 79. [n. sp., comparative note.]¹ :77. [Key.] Arizona¹

fraternus Van Duzee

- 1923 *Oecliidius fraternus* Van Duzee, Proc. California Acad. Sci. (4) 12: 190. [n. sp.]¹ Mexico¹
Utah²
1934 *Oecliidius fraternus* Ball, Pan-Pacific Ent. 10: 77. [Key, comparative notes.]^{1,2,3} :78. [Listed.]^{1,2,3,4} Arizona³
California⁴

fulgidus Van Duzee

- 1907 *Brixia fulgida* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 8 (5): 34. Jamaica¹
[n. sp.]¹
1923 *Oecliidius fulgida* [sic] Van Duzee, Proc. California Acad. Sci. (4) 12: 190. [Listed.]¹ Equals *Brixia fulgida* Van Duz.
1928 *Oe[clidius] fulgida* [sic] Myers, Studies on Cuban Insects 1928: 19. [Comparative note.]
1934 [*Oecliidius fulgidus*] Ball, Pan-Pacific Ent. 10: 77. [Listed.]¹ Equals *Brixia fulgida* Van Duz.

fuscus Van Duzee

- 1907 *Brixia fuscus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 8 (5): 34. Jamaica¹
Cuba²
[n. sp.]¹
1923 *Oecliidius fuscus* Van Duzee, Proc. California Acad. Sci. (4) 12: 190. [Listed, comparative note.]¹ :190. Equals *Brixia fuscus* [sic] Van Duz.
1928 *Oecliidius fuscus* Myers, Studies on Cuban Insects 1928: 18. [Notes.]^{1,2} Equals *Brixia [fuscus]* Van Duz.
1934 [*Oecliidius fuscus*] Ball, Pan-Pacific Ent. 10: 77. [Listed.]¹ Equals *Brixia fuscus* [sic] Van Duz.

hanabanillae Myers

- 1928 *Oecliidius hanabanillae* Myers, Studies on Cuban Insects 1928: 19; Cuba¹
Fig. 8. [n. sp., illustrated.]¹

koebelei Muir

- 1934 *Oeclideus* [sic] *koebelei* Muir, Ann. Mag. Nat. Hist. (10) 14: 581. Mexico¹
[n. sp.]¹

nanus Van Duzee

- 1914 *Oecliidius nanus* Van Duzee, Trans. San Diego Soc. Nat. Hist. 2: 40. [n. sp.]¹ California¹
Pacific States²
1916 *Oecliidius nanus* Van Duzee, Check List of Hemiptera of America North of Mexico 1916: 80. [Listed.]² Lower California³
1917 *Oecliidius nanus* Van Duzee, Proc. California Acad. Sci. (4) 7: 309. [Listed.]¹
1917 *Oecliidius nanus* Van Duzee, Catalogue of Hemiptera of America North of Mexico 1917: 736. [Listed.]¹
1923 *Oecliidius nanus* Metcalf, Jour. Elisha Mitchell Soc. 38: 162; Pl. 44, Fig. 85; Pl. 55, Figs. 295-296. [Key, illustrated.]
1923 *Oecliidius nanus* Van Duzee, Proc. California Acad. Sci. (4) 12: 190. [Listed.]³
1934 *Oecliidius nanus* Ball, Pan-Pacific Ent. 10: 77. [Key.]¹ :77, 78. [Listed.]¹ :77, 78, 79. [Comparative notes.]
1934 [*Oecliidius*] *nanus* Muir, Ann. Mag. Nat. Hist. (10) 14: 580. [Comparative note.]

*Oeclidius-Paroeclidius***nimbus** Ball

1934 *Oeclidius nimbus* Ball, Pan-Pacific Ent. 10: 79. [n. sp.]¹ :77. [Key.] Arizona¹

parallelus Muir

1934 *Oeclideus* [sic] *parallelus* Muir, Ann. Mag. Nat. Hist. (10) 14: 580. Bahia¹
[n. sp.]¹

1934 [*Oeclidius*] *parallelus* Muir, Ann. Mag. Nat. Hist. (10) 14: 581. [Comparative note.]

tenellus Fowler

1904 *Oecleus tenellus* Fowler, Biologia Centrali-Americana 1: 89; Pl. 10, Mexico¹
Figs. 4, 4a. [n. sp., illustrated.]¹ Guerrero²

1934 [*Oeclidius tenellus*] Ball, Pan-Pacific Ent. 10: 77. [Listed.]² Equals
Oecleus tenellus Fowl.

1934 *Oeclidius tenellus* Ball, Pan-Pacific Ent. 10: 78. [Comparative notes.]

transversus Ball

1934 *Oeclidius transversus* Ball, Pan-Pacific Ent. 10: 78. [n. sp.]¹ :77. Arizona¹
[Key.] :79. [Comparative notes.]

trinitatis Myers

1928 *Oeclidius trinitatis* Myers, Studies on Cuban Insects 1928: 18; Cuba¹
Fig. 7. [n. sp., illustrated.]¹ :19. [Comparative note.]

Genus **PAROECLIDIUS** Myers

Orthotype *Paroeclidius luizi* [n. sp.] 1928 Myers, Studies on Cuban
Insects. 1928: 19.

Paroeclidius 1928 Myers, Studies on Cuban Insects 1928: 19. [gen. n.] :18. [Listed.]

1930 Muir, Ann. Mag. Nat. Hist. (10) 6: 472. [Listed.]

1940 Neave, Nomenclator Zoologicus 3: 615. [Listed.]

1942 Fennah, Proc. Ent. Soc. Washington 44: 99. [Listed, key.]

luizi Myers

1928 *Paroeclidius luizi* Myers, Studies on Cuban Insects 1928: 20. Cuba¹
[n. sp.]¹

GENERIC AND SPECIFIC SYNONYMY

Genus **HAPLAXIUS** Fowler

Haplaxius Fowler. See *Myndus* Stål. Family CIXIIDAE, Fascicle IV, Part 2.

Genus **OECLIDEUS**

Oeclideus. Typographical error for *Oeclidius* Van Duzee.

Genus **PLEROMA** Melichar

Pleroma Melichar. See *Kinnara* Distant.

ceylonica Melichar. See *Kinnara ceylonica* Melichar.

flavipes Bierman. See *Kinnara flavipes* Bierman.

fumata Melichar. See *Kinnara fumata* Melichar.

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