

GENERAL CATALOGUE
OF THE
HEMIPTERA

G. HORVÁTH, *General Editor*
H. M. PARSHLEY, *Managing Editor*

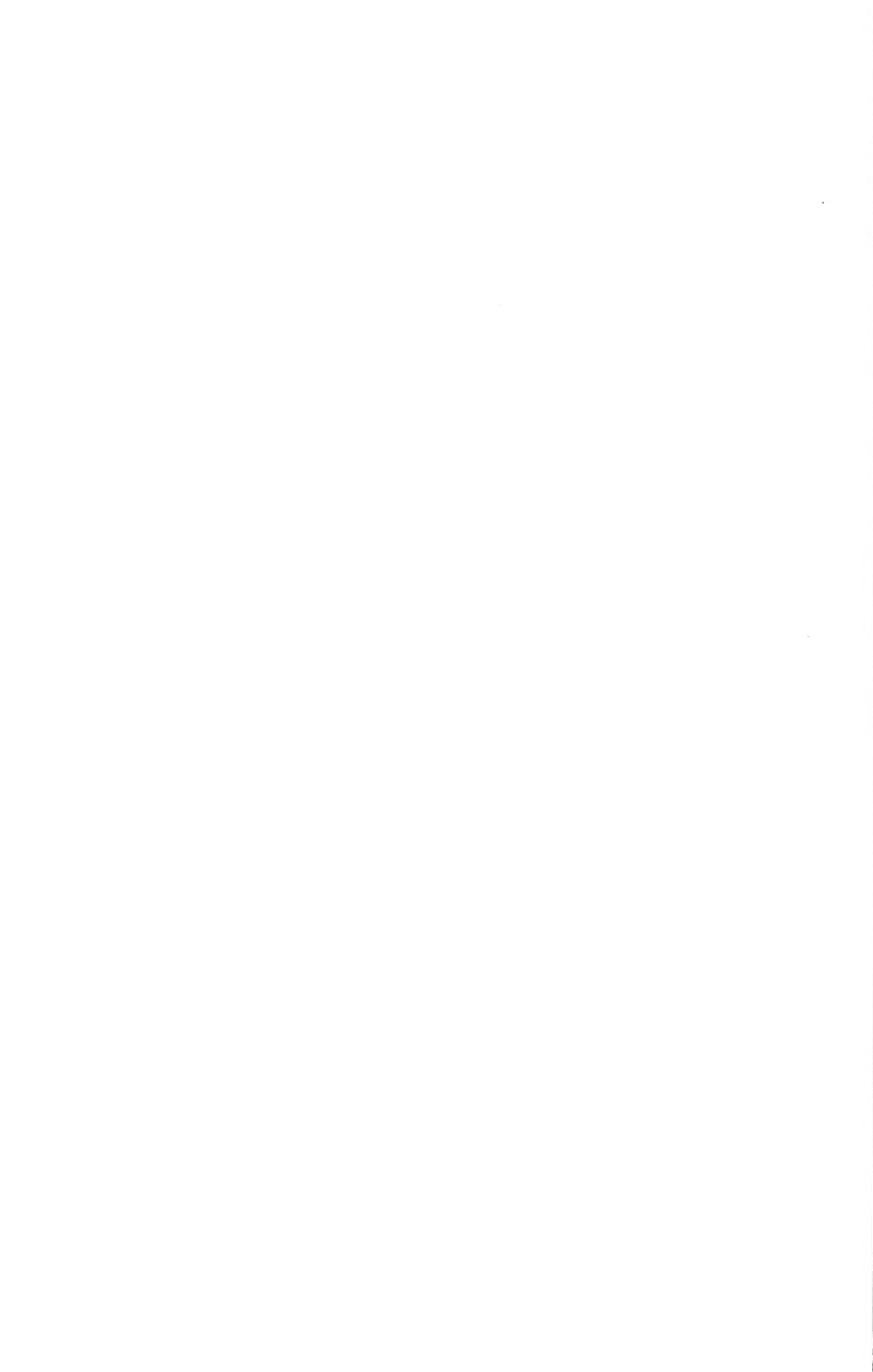
FASCICLE IV
FULGOROIDEA
PART 2
CIXIIDAE

BY

Z. P. METCALF, D.Sc.
College of Agriculture and Engineering of the University of North Carolina

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FULGOROIDEA
CIXIIDAE

BY

Z. P. METCALF



INTRODUCTION

The present catalogue of the family Cixiidae forms Part 2 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 Cixiidae is one of the larger families of the Fulgoroidea. It contains 84 genera and 786 species. They are, for the most part, medium or medium small fulgorids. The head is not elaborately developed as it is in many fulgorids but is relatively simple, with simple two-joined antennae each of which has a terminal flagellum. In the tribe Bothriocerini the antenna is sunk into a pit or the head is provided with sub-antennal processes. The third or median ocellus is often present. Tegulae are present. The wings are usually macropterous and the venation is quite characteristic; subcosta, radius, and media are generally united into a common stem from the basal cell, with the stem of subcosta and radius long or short; typically, the branches of subcosta form a nodal cell; radius and media have a few branches, therefore only a small number of antepical and apical cells are formed; the claval suture is distinct; the claval veins unite into a claval stem which ends in the commisural margin. The legs are usually simple; the hind tibiae are long, either without or with only a few lateral spines; characteristically there is a circle of apical spines at the apex of the hind tibia. In the male genitalia: the pygofer is usually bulky with the anal segment large and the anal style reduced; the genital styles are generally large, flat and thin; the aedeagus consists of a simple tube, often divided into two segments. The ovipositor is either complete or reduced.

CLASSIFICATION ADOPTED

The classification adopted in this catalogue is the one proposed by Muir in 1925. Muir recognized 90 genera distributed into two tribes as tabulated below:

Family **CIXIIDAE** Spinola
Tribe **Cixiini** Muir
Tribe **Bothriocerini** Muir

HISTORICAL RÉSUMÉ

The earliest European systematic entomologists recognized the common species in this group, and Linné, Fabricius, De Geer, Olivier and others gave names to well known European species under the genera Cicada and Fulgora. The family was not recognized as a group until it was described under the name Cixiodes by Spinola in his "Essai sur les Fulgorelles" in 1839. Walker and Stål described numerous genera and species from various parts of the world.

In Europe, Fieber, Scott, Edwards, Sahlberg, Buckton, Melichar, Oshanin and others described and catalogued various genera and species of this family. In the Americas, there have been numerous papers by Ball, Berg, Blanchard, Uhler, Van Duzee, Fowler, Metcalf, Dozier and others.

The species and genera from the other parts of the world have been studied and described by White, Atkinson, Kirby, Melichar, Matsumura, Kirkaldy, Hutton, Distant, Jacobi, E. Schmidt, Schumacher, Bergevin, Haupt, Osborn, Muir, Myers, Lallemand, Hesse, and Kusnezov.

GEOGRAPHICAL DISTRIBUTION

The 786 species of this family are widely distributed in all regions of the world save the extreme Arctic and Antarctic regions. The faunas of Europe, North America, Central America, Hawaiian Islands, Japan, India and New Zealand are fairly well known, but vast regions of the world have hardly been explored.

FORM OF THE PRESENT CATALOGUE

This catalogue follows the general form of the present series. The family is divided into tribes, and the genera are arranged under the tribes in as near a phylogenetic order as our present knowledge will permit. The species are arranged under the genera in an alphabetic sequence. 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 reprints have been published with different pages these pages are inserted in parenthesis following the pages of the original. In a few cases where the matter has been reprinted under a different title with different pages 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 from the date of the first included species. Original spellings have been retained in all cases, except obvious typographical errors; and the original termination of specific names has been retained regardless of the termination of the generic name under which the species is at present located. The species have also been listed under every known combination so that it is possible to find any species without recourse to the index which will be published at the completion of the fascicle, together with the full bibliography.

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

Z. P. METCALF

Raleigh, North Carolina

July, 1934.

Super-Family **FULGOROIDEA** LatreilleFamily **TETTIGOMETRIDAE** GermarFamily **CIXIIDAE** SpinolaFamily **ARAEOPIDAE** MetcalfFamily **DERBIDAE** SpinolaFamily **ACHILIXIIDAE** MuirFamily **MEENOPLIDAE** MuirFamily **KINNARIDAE** MuirFamily **DICTYOPHARIDAE** SpinolaFamily **FULGORIDAE** LatreilleFamily **ACHILIDAE** StålFamily **TROPIDUCHIDAE** StålFamily **NOGODINIDAE** MuirFamily **FLATIDAE** SpinolaFamily **ACANALONIIDAE** Amyot and ServilleFamily **ISSIDAE** SpinolaFamily **RICANIIDAE** StålFamily **LOPHOPIDAE** StålFamily **EURYBRACHIDAE** Stål



Family CIXIIDAE Spinola

- Cixioides* 1839 Spinola, Ann. Soc. Ent. France **8**: 204. *Subfamily*. [Key to genera.] :311. [Listed.] :202. [Key.]
- Cixioides* 1840 Duponchel, Rev. Zool. **2**: 203. *Subfamily*. [Descriptions and types of genera.]
- Cixioides* 1844 Blanchard, Dict. Univ. d'Hist. Nat. **3**: 728. *Group*. [Listed.]
- Cixiites* 1844 Blanchard, Dict. Univ. d'Hist. Nat. **3**: 728. *Group*. [Note.]
- Cixiites* 1845 Blanchard, Hist. Ins. **2**: 423. *Group*. [List of genera.]
- Cixiidae* 1850 Schaum, Allg. Ency. Ersch und Gruber **51**: 64. *Family*. [Key.] :67. [Listed.]
- Cixioides* 1851 Walker, List Homop. British Mus. **2**: 335. *Sub-tribe*. [Descriptions of new genera and species. List of known species.]
- Cixioideae* 1852 Spinola, Tavola sinottica :50. *Subfamily*. [Key to genera.]
- Cixiidae* 1853 Stål, Ofv. Svenska Vet. Akad. Forh. **10**: 264. [Listed.]
- Cixioides* 1857 Walker, Jour. Proc. Linn. Soc. **1**: 87. *Subtribe*. [Genera and species from Malay.]
- Cixioides* 1857 Walker, Jour. Linn. Soc. Zool. **1**: 146. *Subtribe*. [Descriptions of many new species from Borneo.]
- Cixioides* 1858 Walker, Insecta Saundersiana :41. *Subtribe*. [New species from various parts of the world.]
- Cixioides* 1858 Walker, List Homop. British Mus. Suppl. :75. *Subtribe*. [New species from various parts of the world.]
- Cixiides* 1863 Motschulsky, Bull. Soc. Nat. Moscou **36**: 105. [Species from Ceylon.]
- Cixiida* 1866 Stål, Hemip. Africana **4**: 164. *Subfamily*. [Key to known genera. Descriptions of African genera and species.] :129. [Key.] :263. [Listed.]
- Cixiida* 1867 Dallas, Zool. Rec. **3**: 558. *Subfamily*. [Key.]
- Cixiida* 1869 Stål, Hemip. Fabriciana **2**: 92. *Subfamily*. [Synonymy of species described by Fabricius.]
- Cixiidae* 1870 Scott, Ent. Monthly Mag. **7**: 118. *Family*. [Described.]
- Cixiina* 1870 Stål, Ofv. Svenska Vet. Akad. Forh. **27**: 746. *Subfamily*. [Philippine species.]
- Cixiidae* 1870 Scott, Ent. Monthly Mag. **7**: 146. *Family*. [Revision of British species.]
- Cixioides* 1870 Walker, Jour. Linn. Soc. Zool. **10**: 103. *Subtribe*. [Descriptions of new species from Indian Archipelago.]
- Cixiides* 1871 Sahlberg, Not. Fenn. (n.s.) **9** (12) :73. *Tribe*. [Key.] :377. [Descriptions of genera and species.]
- Cixiidae* 1872 Uhler, Prelim. Rept. United States Geol. Surv. Wyoming :472. [Listed.]
- Cixiidae* 1872 Fieber, Kat. Europäischen Cicad. :3. [List of European genera and species.]
- Cixiites* 1875 Blanchard, Hist. Nat. Ins. **2**: 423. *Group*. [Listed.]
- Cixiidae* 1876 Douglas and Scott, Cat. British Hemip. :65. [Catalogue of British genera and species.]

- Cixiina* 1879 Berg, An. Soc. Cient. Argentina **8**: 184. *Subfamily*. [Descriptions of genera and species from Argentina.]
- Cixiidae* 1879 White, Ent. Monthly Mag. **15**: 215. *Subfamily*. [New genera and species from New Zealand.]
- Cixiina* 1879 Berg, Hemip. Argentina: 219. *Subfamily*. [Descriptions of genera and species from Argentina.]
- Cixiidae* 1882 Pascoe, Ann. Mag. Nat. Hist. (5) **9**: 425. [Key.]
- Cixiina* 1883 Berg, An. Soc. Cient. Argentina **16**: 187. *Subfamily*. [Listed.]
- Cixiidae* 1884 Edwards, Trans. Nat. Soc. Norwich **3**: 713. *Family*. [List of species from Norfolk.]
- Cixiida* 1884 Uhler, Standard Nat. Hist. **2**: 229, 240. *Subfamily*. [Notes.]
- Cixiina* 1884 Berg, Add. Hemip. Argentina :132. *Subfamily*. [Listed.]
- Cixiinae* 1885 Kirby, Elem. Text-book Ent. 1st. Ed. :212. *Subfamily*. [Notes.]
- Cixiina* 1886 Atkinson, Jour. Asiatic Soc. Bengal **55**: 31. *Subfamily*. [Descriptions of Indian genera and species.]
- Cixiidae* 1886 Edwards, Syn. British Homop.-Cicadina Pt. **1**: 50. [Keys to genera and species with descriptions.] :44. [Key.]
- Cixiinae* 1889 Ashmead, Ent. Amer. **5**: 2. *Subfamily*. [Key.]
- Cixiidae* 1889 Van Duzee, Canadian Ent. **21**: 7. *Family*. [List of species from Canada.]
- Cixiini* 1889 Ashmead, Ent. Amer. **5**: 23. *Tribe*. [Key.] :25. [Key to genera.]
- Cixiidae* 1890 Saunders and Edwards, Cat. British Hemip. :11. [List of British genera and species.]
- Cixiinae* 1890 Smith, Ins. New Jersey **2**: 439. *Subfamily*. [List of species from New Jersey.]
- Cixiidae* 1890 Buckton, Mon. British Cicadae. **1**: 13. [Descriptions of British genera and species.]
- Cixiides* 1890 Buckton, Mon. British Cicadae **3**: xxxiv. [Listed.] :xl. [Described.]
- Cixiidae* 1891 Kirby, Jour. Linn. Soc. Zool. **24**: 137. *Family*. [Species from Ceylon.]
- Cixiinae* 1892 Kirby, Elem. Text-book Ent. 2nd. Ed. :212. *Family*. [Notes.]
- Cixiinae* 1892 Southwick, Science **19**: 357. *Subfamily*. [Listed.]
- Cixiida* 1894 Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 190. *Subfamily*. [Listed.]
- Cixiidae* 1894 Edwards, Hemip.-Homop. British Islands Pt. **1**: 15. *Family*. [Key.] :22. [Keys to genera and species with descriptions of species from British Islands.]
- Cixini* 1896 Melichar, Cicad. Mittel-Europa :18. *Tribe*. [Key.]
- Cixiida* 1896 Uhler, Proc. United States Nat. Mus. **19**: 279. *Subfamily*. [Japanese species described.]
- Cixiides* 1899 Sharp, Cambridge Nat. Hist. **6**: 576. *Subfamily*. [Listed.]
- Cixiidae* 1899 Haglund, Ofv. Svenska Vet. Akad. Forh. **56**: 60. *Subfamily*. [Listed.]
- Cixiinae* 1900 Smith, Ins. New Jersey **2**: 88. *Subfamily*. [List of species from New Jersey.]
- Cixiida* 1900 Matsumura, Ent. Nachr. **26**: 208 (4). *Subfamily*. [List of Japanese species.]

Cixiidae

- Cixiidae* 1901 Uhler, Proc. Ent. Soc. Washington **4**: 509. *Family*. [New genera and species.]
- Cixiaria* 1902 Kirkaldy, Fauna Hawaiiensis **3**: 117. *Tribe*. [Hawaiian species.]
- Cixiidae* 1902 Melichar, Ann. Mus. St. Petersburg **7**: 85 (10). *Subfamily*. [New species from China and Persia.]
- Cixiidae* 1903 Melichar, Homop.-Fauna Ceylon: 223. *Subfamily*. [List of Genera and species from Ceylon.] :30. [Descriptions of genera and species from Ceylon.]
- Cixiinae* 1904 Wirtner, Ann. Carnegie Mus. **3**: 214. *Subfamily*. [List of species from Pennsylvania.]
- Cixiidae* 1904 Fowler, Biologia Centrali-Americana **1**: 80. *Family*. [Key to genera with descriptions and illustrations of the species.]
- Cixiini* 1904 Swezey, Prelim. Cat. Fulgoridae North America :26. *Tribe*. [Catalog of genera and species.]
- Cixiinae* 1904 Swezey, Prelim. Cat. Fulgoridae North America :20. *Subfamily*. [Catalog of genera and species from North America North of Mexico.]
- Cixiinae* 1904 Hutton, Index Faunae Novae Zealandiae :224. *Subfamily*. [List of New Zealand species.]
- Cixiidae* 1905 Melichar, Wien. Ent. Zeit. **24**: 281. *Family*. [Species from East Africa.]
- Cixiida* 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **1** (9): 288. [Key.]
- Cixiinae* 1906 Distant, Fauna British India **3**: 255. *Subfamily*. [Keys to genera, Descriptions of genera and species.] :176. [Key.]
- Cixiinae* 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **1** (9): 396. *Subfamily*. [Key to genera and species with new genera and species from the Australian Region.] :296. [Listed.]
- Cixiinae* 1906 Matsumura, Trans. Sapporo Nat. Hist. Soc. **1**: 19. *Subfamily*. [Listed.]
- Cixiidae* 1907 Butler, Hemip. Hastings: 56. *Family*. [Listed.]
- Cixiinae* 1907 Distant, Ann. Mag. Nat. Hist. (7) **19**: 415. *Subfamily*. [Synonymical note.]
- Cixiinae* 1907 Distant, Ins. Transvaaliensia **8**: 192. *Subfamily*. [Descriptions of new species and notes and illustrations of others.]
- Cixiinae* 1907 Van Duzee, Bull. Buffalo Soc. Nat. Sci. **8**: 33. *Subfamily*. [New species from Jamaica with notes on others.]
- Cixiina* 1907 Oshanin, Verz. Palaeark. Hemip. **2**: 235. *Subfamily*. [Catalog of Palaeartic genera and species.]
- Cixiinae* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 106. *Subfamily*. [Key to genera. Descriptions of new genera and species.] :10. [Listed.]
- Cixiini* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 106. *Tribe*. [Key to genera.] :10. [Listed.]
- Cixiinae* 1907 Distant, Ann. Mag. Nat. Hist. (7) **19**: 277. *Subfamily*. [Notes on synonymy of Walker's species.]
- Cixiinae* 1908 Bierman, Notes Leyden Mus. Jentink **29**: 152. [Listed.]

- Cixiida* 1908 Van Duzee, Proc. Acad. Nat. Sci. Philadelphia **1907**: 468. *Subfamily*. [Key.] :484. [Keys to genera and species with notes on species.]
- Cixiina* 1908 Saunders and Edwards, Cat. of British Hemip. :14. [List of British genera and species.]
- Cixiinae* 1909 Lefroy, Indian Insect Life: 717. [Key.] :725. [Notes.]
- Cixiinae* 1909 Van Duzee, Bull. Buffalo Soc. Nat. Sci. **9**: 187. *Subfamily*. [New species from Florida with notes on others.]
- Cixiidae* 1910 Bierman, Notes Leyden Mus. Jentink **33**: 16. *Family*. [Listed.]
- Cixiinae* 1910 Distant, Ins. Transvaaliensia **10**: 245. *Subfamily*. [Listed.]
- Cixiinae* 1910 Distant, Ann. Mag. Nat. Hist. (8) **5**: 320. *Subfamily*. [Listed.]
- Cixiinae* 1910 Smith, Rept. Ins. New Jersey :95. *Subfamily*. [List of species from New Jersey.]
- Cixiinae* 1910 Shiraki, Inj. Ins. Formosa **1**: 62. *Subfamily*. [Listed.]
- Cixiinae* 1910 Jacobi, Zool. Exp. Kilimandjaro :106. *Subfamily*. [New Species from tropical Africa.]
- Cixiinae* 1910 Matsumura, Jour. Coll. Sci. Tokyo **27**: 1. *Subfamily*. [New genera and species.]
- Cixiinae* 1911 Distant, Ann. Mag. Nat. His. (8) **8**: 735. *Subfamily*. [Descriptions of new genera and species of Orient.]
- Cixinae* 1912 Schmidt, Stett. Ent. Zeit. **73**: 147. *Subfamily*. [List of species from Pommerns.]
- Cixiinae* 1912 Oshanin, Kat. Palaeark. Hemip. :116. *Subfamily*. [List of Palearctic genera and species.]
- Cixiida* 1913 Metcalf, Ann. Ent. Soc. America **6**: 349. *Subfamily*. [Wing venation.]
- Cixiinae* 1913 Muir, Proc. Hawaiian Ent. Soc. **2**: 256. [Key to certain genera and descriptions of new species.]
- Cixiidae* 1913 Oshanin, Faune Russie Ins. Hémip. **3**: 6. *Family*. [Key to subfamily.]
- Cixiinae* 1913 Oshanin, Faune Russie Ins. Hémip. **3**: 7. *Subfamily*. [Key.]
- Cixiinae* 1914 Melichar, Philippine Jour. Sci. **9**: 269. *Subfamily*. [A new species from the Philippines.]
- Cixiinae* 1914 Melichar Philippine Jour. Sci. **9**: 174. *Subfamily*. [A new species from the Philippines.]
- Cixiinen* 1914 Matsumura, Annot. Zool. Japonenses **8**: 393. *Subfamily*. [Species from Japan.]
- Cixiinae* 1914 Melichar, Mitt. Kaukasischen Mus. **8**: 132 (6). *Subfamily*. [Listed.]
- Cixiidae* 1914 Melichar, Mitt. Kaukasischen Mus. **8**: 132 (6). *Family*. [Listed.]
- Cixiinae* 1914 Melichar, Notes Leyden Mus. **36**: 94. *Subfamily*. [Genera and species from Java.]
- Cixiidae* 1915 Codina, Bol. Soc. Aragonesa Cienc. Nat. **14**: 216 (5). [Listed.]
- Cixiinae* 1915 Metcalf, Jour. Elisha Mitchell Soc. **31**: 43 (11). *Subfamily*. [List of species from North Carolina.]
- Cixiinae* 1915 Schumacher, Homop.-Fauna Insel Formosa :112. *Subfamily*. [Lists genera and species from Formosa.]

Cixiidae

- Cixiinae* 1915 Schumacher, Suppl. Ent. 4: 131. [Listed.]
- Cixiidae* 1915 Brues and Melander, Key Families North American Ins. :75. [Key.]
- 1916 Bergevin, Bull. Soc. Hist. Nat. Afrique du Nord 7: 314. *Family*. [List of species from Morocco.]
- Cixiinae* 1916 Distant, Fauna British India 6: 29. *Subfamily*. [New species from India.]
- Cixiidae* 1916 Oshanin, Horae Soc. Ent. Rossicae 42: 12. *Family*. [Listed.] :85 [Bibliography.]
- Cixiinae* 1916 Oshanin, Horae Soc. Ent. Rossicae 42: 12. *Subfamily*. [Listed.] :87. [Bibliography.]
- Cixiinae* 1916 Van Duzee, Check List Hemip. America: 79. *Subfamily*. [List of North American genera and species.]
- Cixiinae* 1917 Jacobi, Reise in Ostafrika 3: 527. *Subfamily*. [New species from Madagascar.]
- Cixiinae* 1917 Distant, Trans. Linn. Soc. Zool. 17: 276. *Subfamily*. [Descriptions of new genera and species from the Seychelles Islands.]
- Cixiidae* 1917 Haupt, Stett. Ent. Zeit. 78: 307. *Family*. [Listed.]
- Cixiinae* 1917 Haupt, Wien. Ent. Zeit. 36: 258. *Subfamily*. [New species from Palearctic Region.]
- Cixiinae* 1917 Van Duzee, Cat. Hemip. America :730. *Subfamily*. [Catalog of North America genera and species.]
- Cixiinae* 1917 Heidemann and Osborn, Ann. Carnegie Mus. 11: 348. *Subfamily*. [List of species from Isle of Pines.]
- Cixiidae* 1918 Johnson and Ledig, Pomona Jour. Ent. 10: 8. Listed.
- Cixiinae* 1918 Fenton, Ohio Jour. Sci. 18: 187. *Subfamily*. [Listed.]
- Cixiinae* 1920 Distant, Ann. Mag. Nat. Hist. (9) 6: 461. *Subfamily*. [New Caledonian species.]
- Cixiinae* 1920 Bergroth, Arkv. Zool. 12: 18. *Subfamily*. [Genera and new species from British East Africa.]
- Cixiidae* 1920 Tullgren and Wahlgren, Svenska Insekter :150. [Notes.]
- Cixiidae* 1921 Muir, Proc. Hawaiian Ent. Soc. 4: 566. *Family*. [New species from Samoa.]
- Cixiidae* 1922 Kershaw and Muir, Ann. Ent. Soc. America 15: 209. *Family*. [Notes on genitalia.]
- Cixiidae* 1922 Muir, Proc. Linn. Soc. New South Wales 47: 63. *Family*. [A new genus and species from Australia.]
- Cixiidae* 1922 Muir, Philippine Jour. Sci. 20: 111. [New genera and species from Malaya.]
- Cixiidae* 1922 Muir, Rec. Indian Mus. 24: 343. *Family*. [New species from India.]
- Cixiinae* 1923 Van Duzee, Fulgoridae Hemip. Connecticutt :32. *Subfamily*. [Described, Key to genera.] :26. [Key.]
- Cixiidae* 1923 Muir, Philippine Jour. Sci. 22: 172. *Family*. [Species from Sumatra.]
- Cixiidae* 1923 Muir, Ann. Mag. Nat. Hist. (9) 11: 553. *Family*. [New Species.]
- Cixiinae* 1923 Muir, Proc. Hawaiian Ent. Soc. 5: 222. *Subfamily*. [Key.]

- Cixiinae* 1923 Metcalf, Jour. Elisha Mitchell Soc. **38**: 160. *Subfamily*. [Key to genera and species from North America.]
- Cixiidae 1923 Muir, Proc. Hawaiian Ent. Soc. **5**: 222. *Family*. [Key to subfamilies and tribes. Notes on family characters.] 219. [Key.]
- Cixiidae 1924 Lindberg, Acta Soc. Fauna Flora Fenn. **56**: 45. *Family*. [Listed.] :38. [Listed.]
- Cixiidae 1924 Muir, Proc. Hawaiian Ent. Soc. **5**: 461. *Family*. [New species from Porto Rico.]
- Cixiidae 1924 Myers, Trans. New Zealand Inst. **55**: 315. *Family*. [Genera and species from New Zealand.]
- Cixiidae 1924 Hudson, Trans. New Zealand Inst. **55**: 343. *Family*. [Listed.]
- Cixiidae 1925 Della Beffa, Boll. Soc. Ent. Italiana **57**: 146. *Family*. [Listed.]
- Cixiidae 1925 Giffard, Proc. Hawaiian Ent. Soc. **6**: 51 (1). *Family*. [Review of Hawaiian genera and species.]
- Cixiinae* 1925 Handlirsch, Schroder's Handb. Ent. **3** (9): 1107. *Subfamily*. [Described.] [Key.]
- Cixiidae 1925 Muir, Trans. Ent. Soc. London **1924**: 463. *Family*. [Listed.]
- Cixiidae 1925 Lallemand, Ark. Zool. **18**: (4). *Family*. [Species from Central Africa.]
- Cixiidae 1925 Muir, Pan-Pacific Ent. **1**: 99. *Family*. [Key to genera with list of genera and synonyms. :104. [Key.]
- Cixiidae 1925 Muir, Pan-Pacific Ent. **1**: 156. *Family*. [Notes on genera.]
- Cixiinae* 1925 Muir, Trans. Ent. Soc. London **1924**: 463. *Subfamily*. [Listed.]
- Cixiidae 1925 Kupka, Mitt. Munch. Ent. Ges. **15**: 111. *Family*. [Listed.]
- Cixiinae* 1925 Kupka, Mitt. Munch. Ent. Ges. **15**: 111. *Subfamily*. [Listed.]
- Cixiidae 1925 Singh-Pruthi, Trans. Ent. Soc. London **1925**: 221. *Family*. [Morphology of male genitalia.]
- Cixiinae* 1925 Hesse, Ann. South African Mus. **23**: 150. *Subfamily*. [Descriptions of new species from Southwest Africa.]
- Cixiidae 1925 Muir, Philippine Jour. Sci. **27**: 201. *Family*. [The genus *Andes*.]
- Cixiidae 1926 Muir, Jour. Malayan Branch Roy. Asiatic Soc. **4**: 394. [New species from the Mentawi Islands.]
- Cixiinae* 1926 Gowdey, Bull. Dept. Agr. Jamaica Ent. **4**: 40. *Subfamily*. [Listed.]
- Cixiidae 1926 Muir, Proc. Hawaiian Ent. Soc. **6**: 323. *Family*. [Notes on genitalia.] :336. [Notes.]
- Cixiinae* 1926 Schmidt, Treubia **7**: 230. *Subfamily*. [Description of new species from Buru.]
- Cixiidae 1927 Tillyard, Ins. Australia and New Zealand :166. *Family*. [Notes.] :165. [Key.]
- Cixiidae 1927 China, Ent. Mitt. **16**: 189. *Family*. [Listed.]
- Cixiidae 1927 Myers, Trans. New Zealand Inst. **57**: 689. *Family*. [Synonymy of New Zealand species.]
- Cixiidae 1927 Muir, Fulgoroidea of Samoa :3. *Family*. [Species from Samoa.]
- Cixiidae 1928 Myers, Studies on Cuban Insects :14. *Family*. [Species from Cuba.]
- Cixiidae 1928 Ivanov, Rev. Russe d'Ent. **22**: 55. *Family*. [Genitalia described.]

Cixiidae

- Cixiinae* 1928 Metcalf, Mem. Cornell Uni. Agr. Exp. Sta. **101**: 177. *Subfamily*. [List of species from New York.]
- Cixiidae* 1928 Lallemand, Mem. Est. Mus. Zool. Univ. Coimbra 1928 :7. *Family*. [Listed.]
- Cixiinae* 1928 Lallemand, Ann. Mag. Nat. Hist. (10) **1**: 249. *Subfamily*. [Descriptions of new species.]
- Cixiinae* 1928 Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 54. *Subfamily*. [Keys with descriptions of genera and species.] :9. [Listed.] :20. [Key.]
- Cixiinae* 1928 Jacobi, Mjoberg's Exp. Australia :31. *Subfamily*. [Descriptions of Australian genera and species.]
- Cixiidae* 1929 Haupt, Zool. Jahrb. Syst. Okol. **58**: 190. *Family*. [Key.]
- Cixiidae* 1929 Haupt, Cong. Int. Zool. **10**: 1073. [Listed.]
- Cixiinae* 1929 Haupt, Cong. Int. Zool. **10**: 1073. [Listed.]
- Cixiinae* 1929 Haupt, Zool. Jahrb. Syst. Okol. **58**: 195. *Subfamily*. [Key to genera.] :194. [Key.]
- Cixiidae* 1929 Swezey, Jour. Econ. Ent. **22**: 856. [Listed.]
- Cixiidae* 1929 Lallemand, Mem. Est. Mus. Zool. Univ. Coimbra **1929**: 6. *Family*. [Listed.]
- Cixiidae* 1929 Kusnezov, Aufz. Kaschkarov Ges. Homop. :30. *Family*. [Listed.]
- Cixiinae* 1929 Kusnezov, Aufz. Kaschkarov Ges. Homop. :30. *Subfamily*. [Listed.]
- Cixiinae* 1929 Lallemand, Ann. Mag. Nat. Hist. (10) **3**: 185. *Family*. [Listed.]
- Cixiidae* 1929 Kusnezov, Zool. Anz. **79**: 324. *Family*. [List of species from Turkestan.]
- Cixiidae* 1930 Muir, Treubia **12**: 29. *Family*. [Listed.]
- Cixiidae* 1930 Muir, Ann. Mag. Nat. Hist. (10) **6**: 467. *Family*. [Notes.] :465. [Key.]
- Cixiidae* 1930 Horváth, Jugoslavenska Akad. **16**: 45. [Listed.]
- Cixiidae* 1930 Esaki, Bull. Biogeo. Soc. Japan **1**: 212. [Listed.]
- Cixiidae* 1930 Esaki and Hashimoto, Publ. Kyushu Imp. Univ. Ent. Lab. **1**: 3. [Listed.]
- Cixiinae* 1930 de Seabra, Arq. Secc. Biol. e Par. **1** (4): 348. *Subfamily*. [Notes.]
- Cixiidae* 1930 de Seabra, Arq. Secc. Biol. e Par. **1** (4): 346. *Family*. [Listed.]
- Cixiinae* 1930 de Seabra, Arq. Secc. Biol. e Par. **1** (3): 255. *Subfamily*. [Listed.]
- Cixiidae* 1930 de Seabra, Arq. Secc. Biol. e Par. **1** (3): 255. *Family*. [Listed.]
- Cixinae* 1930 Schmidt, Wien. Ent. Zeit. **47**: 116. [Listed.]
- Cixiidae* 1931 Esaki and Hashimoto, Publ. Kyushu Imp. Univ. Ent. Lab. **2**: 4. [Listed.]
- Cixiidae* 1931 Kato, Bull. Biogeo. Soc. Japan **2**: 8. *Family*. [Listed.]
- Cixiidae* 1931 Muir, Rec. Australian Mus. **18**: 63. *Family*. [New species from Australia and South Pacific Islands.]
- Cixiidae* 1932 Brues and Melander, Class. Ins. :120. [Key.]
- Cixiidae* 1932 Esaki, Short course Lectures, Leaf-hoppers :6. [Listed.]
- Cixiidae* 1932 Esaki, Iconographia Insectorum Japonicorum :1773. [Listed.]
- Cixiidae* 1932 Kato, Kontyu **5**: 228. *Family*. [Listed.]

- Cixiidae 1932 Swezey and Williams, Proc. Hawaiian Ent. Soc. **8**: 189. [Listed.]
 Cixiidae 1933 Kato, Ent. World **1**: 18. [Listed.]

Tribe CIXIINI Muir

- Cixiini 1923 Muir, Proc. Hawaiian Ent. Soc. **5**: 222. *Tribe*. [Key.]
 Cixiini 1925 Muir, Pan-Pacific Ent. **1**: 104. *Tribe*. [Key.]
 Cixiini 1926 Haupt, Philippine Jour. Sci. **29**: 442. *Tribe*. [Listed.]

Genus ANDES Stål

- Logotype *Andes undulata* 1925 Muir, Pan-Pacific Ent. **1**: 99.
 Type *Andes undulatus* 1925 Muir, Philippine Jour. Sci. **27**: 201.

- Andes 1866 Stål, Hemip. Africana **4**: 166. [gen. n., key.]
 1870 Stål, Ofv. Svenska Vet. Akad. Forh. **27**: 747. [Listed.]
 1882 Scudder, Nomenclator Zool. Univ. Index :18. [Listed.]
 1882 Scudder, Nomenclator Zool. Suppl. List :21. [Listed.]
 1922 Muir, Rec. Indian Mus. **24**: 348. [Note.]
 1923 Muir, Proc. Hawaiian Ent. Soc. **5**: 217. [Notes.]
 1925 Muir, Pan-Pacific Ent. **1**: 99. [Listed.] Equals *Leirioessa* Kirk.
 [error.] :104. [Key.]
 1925 Muir, Philippine Jour. Sci. **26**: 511; Fig. 1b. [Illustrated.]
 1925 Muir, Philippine Jour. Sci. **27**: 201. [Described.] Equals *Leirioessa*
 Kirk. [Error.]
 1926 Muir, Jour. Malayan Branch Roy. Asiatic Soc. **4**: 394. [Listed.]
 1926 Schulze, Kükenthal and Heider, Nomenclator Animal. **1** (2): 176.
 [Listed.]
 1927 Muir, Fulgoroidea of Samoa :3. [Listed.]

angulatus Muir

- 1925 *Andes angulatus* Muir, Philippine Jour. Sci. **27**: 216; Penang¹
 Pl. 2, Figs. 15–16. [Illustrated, n sp.]¹

bakeri Muir

- 1925 *Andes bakeri* Muir, Philippine Jour. Sci. **27**: 218; Pl. 2; Singapore¹
 Fig. 20. [Illustrated, n sp.]¹

bicolor Muir

- 1925 *Andes bicolor* Muir, Philippine Jour. Sci. **27**: 221. [n. Borneo¹
 sp.]

brunniceps Muir

- 1925 *Andes brunniceps* Muir, Philippine Jour. Sci. **27**: 213; Pl. Mindanao¹
 2, Fig. 8. [Illustrated, n sp.]¹ Philippine I.

*Andes***brunneus** Muir

- 1925 *Andes brunneus* Muir, Philippine Jour. Sci. **27**: 210; Pl. Borneo¹
1; Fig. 20. [Illustrated, n. sp.]¹

cucullatus Muir

- 1925 *Andes cucullatus* Muir, Philippine Jour. Sci. **27**: 218; Singapore¹
Pl. 2, Figs. 21–22. [Illustrated, n. sp.]¹

decoloratus Muir

- 1925 *Andes decoloratus* Muir, Philippine Jour. Sci. **27**: 203; West Borneo¹
Pl. 1, Figs. 2, 3, 4. [Illustrated, n. sp.]¹

distinctus Muir

- 1925 *Andes distinctus* Muir, Philippine Jour. Sci. **27**: 220; Borneo¹
Pl. 2, Fig. 27. [Illustrated, n. sp.]¹

dubiosus Muir

- 1925 *Andes dubiosus* Muir, Philippine Jour. Sci. **27**: 212; Pl. Mindanao¹
2, Figs. 5–6. [Illustrated, n. sp.]¹ (Philippine I.)

elongata Distant

- 1911 *Brixia elongata* Distant, Ann. Mag. Nat. Hist. (8) **8**: Ceylon¹
746. [n. sp.]¹
1916 *Brixia elongata* Distant, Fauna British India **6**: 45. [Described.]¹
1925 *Andes elongatus* Muir, Philippine Jour. Sci. **27**: 223. [Listed.] Equals
Brixia elongata Dist.

fictus Muir

- 1925 *Andes fictus* Muir, Philippine Jour. Sci. **27**: 207; Pl. 1, Mindanao¹
Fig. 13. [Illustrated, n. sp.]¹ (Philippine I.)

furcatus Muir

- 1925 *Andes furcatus* Muir, Philippines Jour. Sci. **27**: 210; Pl. Mindanao¹
2, Fig. 1. [Illustrated, n. sp.]¹ (Philippine I.)

geometrina Distant

- 1911 *Brixia geometrina* Distant, Ann. Mag. Nat. Hist. (8) **8**: Ceylon¹
746. [n. sp.]¹
1916 *Brixia geometrina* Distant, Fauna British India **6**: 46. [Described.]¹
1925 *Andes geometrinus* Muir, Philippine Jour. Sci. **27**: 223. [Listed.] Equals
Brixia geometrina Dist.

humeralis Walker

- 1870 *Brixia humeralis* Walker, Jour. Linn. Soc. Zool. **10**: 114. New Guinea¹
[n. sp.]¹

- 1925 *Andes humeralis* Muir, Philippine Jour. Sci. **27**: 222. [Listed.] Equals
Brixia humeralis Walk.

inaequalis Muir

- 1925 *Andes inaequalis* Muir, Philippine Jour. Sci. **27**: 217; Borneo¹
Pl. 2, Fig. 19. [Illustrated, n. sp.]¹

indistinctus Muir

- 1925 *Andes indistinctus* Muir, Philippine Jour. Sci. **27**: 217; Borneo¹
Pl. 2, Figs. 17-18. [Illustrated, n. sp.]¹

inornata Distant

- 1911 *Brixia inornata* Distant, Ann. Mag. Nat. Hist. (8) **8**: Himalayas¹
745. [n. sp.]¹ Sikkim²
1916 *Brixia inornata* Distant, Fauna British India **6**: 45. (India.)
[Described.]²
1925 *Andes inornatus* Muir, Philippine Jour. Sci. **27**: 223. [Notes.] Equals
Brixia inornata Dist.

insolitus Muir

- 1925 *Andes insolitus* Muir, Philippine Jour. Sci. **27**: 219; Pl. Singapore¹
2., Figs. 25, 26. [Illustrated, n. sp.]¹

lamononi Muir. See *Leirioessa lamononi* Muir.

maculifrons Muir

- 1925 *Andes maculifrons* Muir, Philippine Jour. Sci. **27**: 208; Java¹
Pl. 1, Fig. 14. [Illustrated, n. sp.]¹

marmorata Uhler

- 1896 *Cotyleceps marmorata* Uhler, Proc. United States Nat. Japan¹
Mus. **19**: 280. [n. sp.]¹
1900 *Cotyleceps marmorata* Matsumura, Ent. Nachr. **26**: 209 (5). [Listed.]¹
1903 *Cotyleceps* [sic] *marmorata* Henshaw, Psyche **10**: 227. [Listed.]¹
1907 *Cotyleceps marmorata* Oshanin, Verz. Palaeark. Hemip. **2**: 250. [Listed.]¹
1912 *Cotyleceps marmorata* Oshanin, Kat. Palaeark. Hemip. :117 [Listed.]¹
1913 *Cotyleceps marmorata* Matsumura, 1000 Ins. Japan, Add. **1**: 60; Pl. VIII,
Fig. 10. [Notes, illustrated.]¹
1914 *Brixia marmorata* Matsumura, Annot. Zool. Japonenses **8**: 431. [Listed.]¹
Equals *Cotyleceps marmorata* Uhl.
1922 *Cotyleceps marmorata* Muir, Rec. Indian Mus. **24**: 349. [Notes.]¹
1925 *Andes marmoratus* Muir, Philippine Jour. Sci. **27**: 214; Pl. 2, Figs. 10, 11
[Described, illustrated.]¹ Equals *Cotyleceps marmorata* Uhl.
1931 *Brixia marmorata* Matsumura, 6000 Ill. Ins. Japan Empire :1264. [De-
scribed, illustrated.]¹

Andes

- 1932 *Brixia marmorata* Esaki, Iconographia Insectorum Japonicorum :1778
[Described, illustrated.]¹
- 1933 *Brixia marmorata* Kato, Illustrated Insects of Japan 4: Pl. 14, Fig. 3.
[Illustrated.]¹

meander Walker. See *Leirioessa meander* Walker.

migratorius Distant. See *Leirioessa migratoria* Distant.

mindanaensis Muir

- 1925 *Andes mindanaensis* Muir, Philippine Jour. Sci. 27: 216; Mindanao¹
Pl. 2, Fig. 14. [Illustrated, n. sp.]¹ (Philippine I.)

mitellatus Muir

- 1925 *Andes mitellatus* Muir, Philippine Jour. Sci. 27: 219; Federated
Pl. 2, Figs. 23–24. [Illustrated, n. sp.]¹ Malay States¹

nexus Walker

- 1857 *Cixius nexus* Walker, Jour. Linn. Soc. Zool. 1: 148. [n. Borneo¹
sp.]¹
- 1858 *Cixius nexus* Walker, List Homop. British Mus. Suppl. :80. [Listed.]¹
- 1859 *Cixius nexus* Dohrn, Cat. Hemip. :61. [Listed.]¹
- 1862 *Brixia nexus* Stål, Ofv. Svenska Vet. Akad. Forh. 19: 487. Equals
Cixius nexus Walk.
- 1925 *Andes nexus* Muir, Philippine Jour. Sci. 27: 221. [Described.]¹ Equals
Cixius nexus Walk.

nubilus Walker. See *Leirioessa nubilus* Walker.

ocellatus Muir

- 1925 *Andes ocellatus* Muir, Philippine Jour. Sci. 27: 222. [n. Luzon¹
sp.]¹ (Philippine I.)

oldi Muir

- 1923 *Andes oldi* Muir, Ann. Mag. Nat. Hist. (9) 11: 553. [n. Nyassaland¹
sp.]¹

ornatus Muir

- 1925 *Andes ornatus* Muir, Philippine Jour. Sci. 27: 208; Pl. 1, Singapore¹
Figs. 15, 16, 17, 18. [Illustrated, n. sp.]^{1,2} Borneo²

parvus Muir

- 1925 *Andes parvus* Muir, Philippine Jour. Sci. 27: 210; Pl. 2, Borneo¹
Fig. 2. [Illustrated, n. sp.]¹

plagosa Distant

- 1911 *Brixia plagosa* Distant, Ann. Mag. Nat. Hist. (8) 8: 745. Himalayas¹
[n. sp.]¹ Sikkim²

- 1916 *Brixia plagosa* Distant, Fauna British India 6: 44. [Described.]² (India)
India³
- 1922 *Brixia plagosa* Muir, Rec. Indian Mus. 24: 347. [Notes.]³
- 1925 *Andes plagosus* Muir, Philippine Jour. Sci. 27: 223. [Listed.] Equals
Brixia plagosa Dist.

pseudobrunneus Muir

- 1925 *Andes pseudobrunneus* Muir, Philippine Jour. Sci. 27: 213; Pl. 2, Fig. 7. [n. sp., illustrated.]¹ Mindano¹
(Philippine I.)

pulchellus Muir

- 1925 *Andes pulchellus* Muir, Philippine Jour. Sci. 27: 209; Pl. 1, Fig. 19. [n. sp., illustrated.]¹ West Borneo¹

pulchra Muir. See *Leirioessa pulchra* Muir.

quadrilaminatus Muir

- 1925 *Andes quadrilaminatus* Muir, Philippine Jour. Sci. 27: 206; Pl. 1, Figs. 10-11. [Illustrated, n. sp.]¹ Borneo¹

serratus Muir

- 1925 *Andes serratus* Muir, Philippine Jour. Sci. 27: 205; Pl. 1, Figs. 7-9. [Illustrated, n. sp.]¹ Java¹

serrulatus Muir

- 1925 *Andes serrulatus* Muir, Philippine Jour. Sci. 27: 215; Pl. 2, Fig. 13. [Illustrated, n. sp.]¹ Luzon¹
(Philippine I.)

siberutensis Muir

- 1926 *Andes siberutensis* Muir, Jour. Malayan Branch Roy. Asiatic Soc. 4: 394; Fig. 1. [Illustrated, n. sp.]¹ Siberut
Island¹
(East Indies)

simplex Muir

- 1925 *Andes simplex* Muir, Philippine Jour. Sci. 27: 203; Pl. 1, Fig. 1. [Illustrated, n. sp.]¹ Borneo¹

spinosus Muir

- 1925 *Andes spinosus* Muir, Philippine Jour. Sci. 27: 207; Pl. 1, Fig. 12. [Illustrated, n. sp.]¹ Borneo¹

stramineus Muir

- 1925 *Andes stramineus* Muir, Philippine Jour. Sci. 27: 211; Pl. 2, Fig. 3. [Illustrated, n. sp.]¹ Borneo¹

tortricomorpha Kirkaldy. See *Leirioessa migratoria* Distant.

*Andes—Parandes—Benna***tridentatus** Muir

- 1925 *Andes tridentatus* Muir, Philippine Jour. Sci. 27: 206; Borneo¹
Pl. 1, Fig. 9. [Illustrated, n. sp.]¹

trispinosus Muir

- 1925 *Andes trispinosus* Muir, Philippine Jour. Sci. 27: 204; Java¹
Pl. 1, Figs. 5–6. [Illustrated, n. sp.]¹

undulatus Stål

- 1870 *Andes undulatus* Stål, Ofv. Svenska Vet. Akad. Forh. Philippines¹
27: 747. [n. sp.]¹
- 1925 *Andes undulatus* Muir, Philippine Jour. Sci. 27: 214; Pl. 2, Fig. 9. [De-
scribed, illustrated.]

unifasciatus Muir

- 1925 *Andes unifasciatus* Muir, Philippine Jour. Sci. 27: 211; Basilan¹
Pl. 2, Fig. 4. [Illustrated, n. sp.]¹ (Sulu
Islands)

usitatus Muir

- 1925 *Andes usitatus* Muir, Philippine Jour. Sci. 27: 214; Pl. 2, Mindanao¹
Fig. 12. [Illustrated, n. sp.]¹ (Philippine I.)

variolosa Distant

- 1911 *Brixia variolosa* Distant, Ann. Mag. Nat. Hist. (8) 8: Himalayas¹
746. [n. sp.]¹ Sikkim²
- 1916 *Brixia variolosa* Distant, Fauna British India 6: 46; Fig. (India)
30. [Described, illustrated.]²
- 1925 *Andes variolosus* Muir, Philippine Jour. Sci. 27: 223. [Notes.] Equals
Brixia variolosa Dist.

vitiensis Kirkaldy. See *Leirioessa vitiensis* Kirkaldy.

Genus **PARANDES** Muir

Orthotype *Parandes simplus* [n. sp.] 1925 Muir, Philippine Jour. Sci.
26: 511.

Type *Parandes simplex* [sic] 1926 Muir, Pan-Pacific Ent. 1: 103.

Parandes 1925 Muir, Philippine Jour. Sci. 26: 511. [gen. n.]

1925 Muir, Pan-Pacific Ent. 1: 103. [Listed.] :104. [Key.]

simplus Muir

- 1925 *Parandes simplus* Muir, Philippine Jour. Sci. 25: 511; West Borneo¹
Fig. 1a. [n. sp., illustrated.]¹

Genus **BENNA** Walker

Haplotype *Benna capitulata* [n. sp.] 1857 Walker, Jour. Proc. Linn.
Soc. 1: 90.

Pseudotype *Benna clarescens* 1866 Stål, Berliner Ent. Zeit. **10**: 392.

Type *Benna capitulata* 1907 Distant, Ann. Mag. Nat. Hist. (7) **19**: 285.

Type *Benna capitulata* 1925 Muir, Pan-Pacific Ent. **1**: 99.

- Benna 1857 Walker, Jour. Proc. Linn. Soc. **1**: 90. [gen. n.] :157. [Listed.]
 1858 Walker, List Homop. British Mus. Suppl. :105. [Listed.]
 1859 Dohrn, Cat. Hemip. :60. [Listed.]
 1866 Stål, Hemip. Africana **4**: 166. [Key.]
 1866 Stål, Berliner Ent. Zeit. **10**: 392. [Listed.]
 1870 Stål, Ofv. Svenska. Vet. Akad. Forh. **27**: 747. [Listed.]
 1882 Scudder, Nomenclator Zool. Univ. Index :38. [Listed.]
 1886 Atkinson, Jour. Asiatic Soc. Bengal **55**: 34. [Described.]
 1900 Matsumura, Ent. Nachr. **26**: 213 (9). [Listed.]
 1907 Distant, Ann. Mag. Nat. Hist. (7) **19**: 285. [Listed.]
 1923 Muir, Proc. Hawaiian Ent. Soc. **5**: 228. [Notes.]
 1925 Muir, Pan-Pacific Ent. **1**: 99. [Listed.] :105. [Key.]
 1926 Schulze, Kükenthal and Heider, Nomenclator Animal. **1** (3): 393.
 [Listed.]

canescens Walker

- 1857 *Benna canescens* Walker, Jour. Linn. Soc. Zool. **1**: 157. Borneo¹
 [n. sp.]¹
 1859 *Benna canescens* Dohrn, Cat. Hemip. :60. [Listed.]¹

capitulata Walker

- 1857 *Benna capitulata* Walker, Jour. Proc. Linn. Soc. **1**: 90. Singapore¹
 [n. sp.]¹ Malacca²
 1859 *Benna capitulata* Dohrn, Cat. Hemip. :60. [Listed.]² Java³
 1886 *Benna capitulata* Atkinson, Jour. Asiatic Soc. Bengal
55: 35. [Described.]¹
 1914 *Benna capitulata* Melichar, Notes Leyden Mus. **36**: 95. [Described.]³

ditiassa Walker [nom. nud.]. See *Benna guttata* Walker.

clarescens Walker. See *Bennaria clarescens* Walker.

clausans. Typographical error for *Bennaria clarescens* Walker.

guttata Walker

- 1870 *Brixia guttata* Walker, Jour. Linn. Soc. Zool. **10**: 110. New Guinea¹
 [n. sp.]^{1,2} Sula²
 1907 *Benna guttata* Distant, Ann. Mag. Nat. Hist. (7) **19**:
 285. [Listed.]^{1,2} Equals *Brixia guttata* Walk. Equals
Benna ditiassa Walk. (nom. nud.) (Molucca I.)

olivacea Matsumura. See *Carthaeomorpha olivacea* Matsumura. Family FLATIDAE.

praestans Walker

- 1857 *Benna praestans* Walker, Jour. Linn. Soc. Zool. **1**: 158. Borneo¹
 [n. sp.]¹
 1858 *Benna praestans* Walker, List Homop. British Mus. Suppl. :106. [Listed.]¹
 1859 *Benna praestans* Dohrn, Cat. Hemip. :60. [Listed.]¹

*Benna—Bennaria—Bennarella***rhyparoptera** Stål

- 1870 *Benna rhyparoptera* Stål, Ofv. Svenska Vet. Akad. Forh. Philippine I.¹
27: 747. [n. sp.]¹

sinuata Melichar

- 1914 *Benna sinuata* Melichar, Philippine Jour. Sci. 9: 269; Luzon¹
Pl. I, Fig. 1. [n. sp., illustrated.]¹ (Philippine I.)

Genus **BENNARIA** Melichar

Orthotype *Bennaria bimacula* [n. sp.] 1914 Melichar, Philippine Jour. Sci. 9: 175.

Type *Bennaria bimaculata* [sic] 1925 Muir, Pan-Pacific Ent. 1: 100.

- Bennaria* 1914 Melichar, Philippine Jour. Sci. 9: 175. [gen. n.]
1923 Muir, Proc. Hawaiian Ent. Soc. 5: 228. [Notes.]
1925 Muir, Pan-Pacific Ent. 1: 100. [Listed.] :105. [Key.]
1926 Muir, Jour. Malayan Branch Roy. Asiatic Soc. 4: 397. [Listed.]
1926 Schulze, Kükenthal and Heider, Nomenclator Animal. 1 (3):
393. [Listed.]

bimacula Melichar

- 1914 *Bennaria bimacula* Melichar, Philippine Jour. Sci. 9: Philippine I.¹
175; Pl. I, Fig. 3. [Illustrated, n. sp.]¹

clarescens Walker

- 1857 *Benna clarescens* Walker, Jour. Linn. Soc. Zool. 1: 158. Borneo¹
[n. sp.]¹ Siberut
1858 *Benna clausans* (sic) Walker, List Homop. British Mus. Island²
Suppl. :105. [Listed.]¹ Equals *Benna clarescens* Walk. (East Indies)
1859 *Benna clarescens* Dohrn, Cat. Hemip. :60. [Listed.]¹ Singapore³
1866 *Benna clarescens* Stål, Berliner Ent. Zeit. 10: 392.
[Listed.]
1926 *Bennaria clarescens* Muir, Jour. Malayan Branch Roy. Asiatic Soc. 4: 397.
[Notes.]^{1,2,3} Equals *Benna clarescens* Walk.

Genus **BENNARELLA** Muir

Orthotype *Bennarella bicoloripennis* [n. sp.] 1930 Muir, Pan-Pacific Ent. 7: 12.

Bennarella 1930 Muir, Pan-Pacific Ent. 7: 12; Figs. 1–3. [gen. n., illustrated.]

bicoloripennis Muir

- 1930 *Bennarella bicoloripennis* Muir, Pan-Pacific Ent. 7: 12; British
Fig. 4. [n. sp., illustrated.]¹ Guiana¹

fusca Muir

- 1930 *Bennarella fusca* Muir, Pan-Pacific Ent. 7: 13. [n. sp.]¹ Brazil¹

Genus **GELASTOCEPHALUS** Kirkaldy

Haplotype *Gelastocephalus ornithoides* [n. sp.] 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 1: 402.

Type *Gelastocephalus ornithoides* 1925 Muir, Pan-Pacific Ent. 1: 101.

Gelastocephalus 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 1: 402. [gen. n.] :396. [Key.]

1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 107. [Key.]

1912 Waterhouse, Index Zool. 2: 113. [Listed.]

1919 Muir, Canadian Ent. 51: 8. Equals *Akilas* Dist. [error.]

1925 Muir, Pan-Pacific Ent. 1: 101. [Listed.] :105, 109. [Key.]

1929 Schulze, Kükenthal and Heider, Nomenclator Animal. 3 (11): 1351. [Listed.]

ornithoides Kirkaldy

1906 *Gelastocephalus ornithoides* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 1: 402; Pl. XXXII, Figs. 6, 7. [n. sp., illustrated.]¹ New South Wales¹

Genus **TARBERUS** Jacobi

Orthotype *Tarberus semicarinatus* [n. sp.] 1928 Jacobi, Mjoberg's Exp. Australia :37.

Tarberus 1928 Jacobi, Mjoberg's Exp. Australia :37. [gen. n.]

jacobii Muir

1931 *Tarberus jacobii* Muir, Rec. Australian Mus. 18: 67; Figs. 6, 7. [n. sp., illustrated.]¹ New Caledonia¹

semicarinatus Jacobi

1928 *Tarberus semicarinatus* Jacobi, Mjoberg's Exp. Australia :37; Figs. 24a-b. [n. sp., illustrated.]¹ Australia¹

Genus **NESOCHLAMYS** Kirkaldy

Haplotype *Nesochlamys vitiensis* [n. sp.] 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 115.

Type *Nesochlamys vitiensis* 1925 Muir, Pan-Pacific Ent. 1: 102.

[*Nesocharis* Kirkaldy]

[Haplotype *Nesocharis kalypto* [n. sp.] 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 110.]

[Type *Nesocharis kalypto* 1925 Muir, Pan-Pacific Ent. 1: 102.]

Nesocharis 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 110. [gen. n.] :106. [Key.] :12. [Listed.] [nec *Nesocharis* Alexander 1903.]

Nesochlamys 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 115. [gen. n.] :107. [Key.]

1912 Waterhouse, Index Zool. 2: 191. [Listed.]

Nesochlamys—*Adolendana*—*Nothocharis*

- Nesocharis* 1912 Waterhouse, Index Zool. 2: 191. [Listed.]
 1925 Muir, Pan-Pacific Ent. 1: 102. [Listed.] Equals *Nesochlamys*
 Kirk. :105. [Key.]
 1932 Schulze, Kükenthal and Heider, Nomenclator Animal. 3 (16):
 2246. [Listed.]
Nesochlamys 1932 Schulze, Kükenthal and Heider, Nomenclator Animal. 3 (16):
 2246. [Listed.]

kalypso Kirkaldy

- 1907 *Nesocharis kalypso* Kirkaldy, Bull. Hawaiian Sugar Pl. Fiji¹
 Assoc. 3: 111; Fig. 1. [n. sp., illustrated.]¹ :12. [Listed.]

vitiensis Kirkaldy

- 1907 *Nesochlamys vitiensis* Kirkaldy, Bull. Hawaiian Sugar. Fiji¹
 Pl. Assoc. 3: 115. [n. sp.]¹
 1925 *Nesocharis vitiensis* Muir, Pan-Pacific Ent. 1: 102. Equals *Nesochlamys*
vitiensis Kirk.

v-nigra Muir

- 1931 *Nesocharis v-nigra* Muir, Rec. Australian Mus. 18: 68. New
 [n. sp.]^{1,2} Hebrides¹
 Santo Island²
 (Melanesia)

Genus **ADOLENDANA** Distant

Haplotype *Adolendana typica* [n. sp.] 1917 Distant, Trans. Linn. Soc.
 Zool. 17: 278.

Type *Adolendana typica* 1925 Muir, Pan-Pacific Ent. 1: 99.

- Adolendana* 1917 Distant, Trans. Linn. Soc. Zool. 17: 278. [gen. n.]
 1925 Muir, Pan-Pacific Ent. 1: 99. [Listed.] :105. [Key.]
 1926 Schulze, Kükenthal and Heider, Nomenclator Animal. 1 (1):
 58. [Listed.]

typica Distant

- 1917 *Adolendana typica* Distant, Trans. Linn. Soc. Zool. 17: Seychelles¹
 279; Pl. 49, Figs. 10, 10a. [n. sp., illustrated.]^{1,2} Silhouette²
 1925 *Adolendana typica* Singh-Pruthi, Trans. Ent. Soc. Lon- (Indian
 don 1925: 223; Pl. XXIX, Fig. 246. [Genitalia, illus- Ocean)
 trated.]

Genus **NOTHOCHARIS** Muir

Orthotype *Nothocharis bakeri* [n. sp.] 1925 Muir, Pan-Pacific Ent.
 1: 162.

- Nothocharis* 1925 Muir, Pan-Pacific Ent. 1: 162. [gen. n.]
 1925 Pan-Pacific Ent. 1: 102. [Listed.] :105. [Key.]

bakeri Muir

- 1925 *Nothocharis bakeri* Muir, Pan-Pacific Ent. 1: 163. [n. Philippine I.
sp.]¹

tayabasensis Muir

- 1925 *Nothocharis tayabasensis* Muir, Pan-Pacific Ent. 1: 163. Philippine I.
[n. sp.]¹

Genus **MELANDEVA** Distant

Orthotype *Melandeva ocellata* [n. sp.] 1906 Distant, Fauna British India
3: 268.

Type *Melandeva ocellata* 1925 Muir, Pan-Pacific Ent. 1: 102.

- Melandeva* 1906 Distant, Fauna British India 3: 268. [gen. n.]
Melandeva [sic] 1906 Distant, Fauna British India 3: 256. [Key.]
Melandeva 1912 Waterhouse, Index Zool. 2: 169. [Listed.]
1925 Muir, Pan-Pacific Ent. 1: 102. [Listed.] :105. [Key.]
1931 Schulze, Kükenthal and Heider, Nomenclator Animal. 3
(15): 2013. [Listed.]

ocellata Distant

- 1906 *Melandeva ocellata* Distant, Fauna British India 3: 268; Assam¹
Fig. 123. [Illustrated, n. sp.]¹ (India)
1919 *Melandeva ocellata* Paiva, Rec. Indian Mus. 16 (5): 374.
[Listed.]

Genus **BRIXIDIA** Haglund

Haplotype *Brixidia nebulosa* [n. sp.] 1899 Haglund, Ofv. Svenska Vet.
Akad. Forh. 56: 60.

Type *Brixidia nebulosa* 1925 Muir, Pan-Pacific Ent. 1: 100.

- Brixidia* 1899 Haglund, Ofv. Svenska Vet. Akad. Forh. 56: 60. [gen. n.]
1902 Waterhouse, Index Zool. :52. [Listed.]
1925 Muir, Pan-Pacific Ent. 1: 100. [Listed.] :105. [Key.]
1926 Schulze, Kükenthal and Heider, Nomenclator Animal. 1 (3): 457.
[Listed.]

haglundii Muir

- 1923 *Brixidia haglundii* Muir, Ann. Mag. Nat. Hist. (9) 11: Gold Coast¹
554. [n. sp.]¹

nebulosa Haglund

- 1899 *Brixidia nebulosa* Haglund, Ofv. Svenska Vet. Akad. Cameroons¹
Forh. 56: 61. [n. sp.]¹

Genus **CUBANA** Uhler

Logotype *Cubana tortrix* 1925, Muir, Pan-Pacific Ent. 1: 100.

- Cubana* 1895 Uhler, Proc. Zool. Soc. London 1895: 62. [gen. n.]
1902 Waterhouse, Index. Zool. :92. [Listed.]

Cubana—Innobindus—Leptolamia

- 1903 Henshaw, Psyche **10**: 227. [Listed.]
 1925 Muir, Pan-Pacific Ent. **1**: 100. [Listed.] :105. [Key.]
 1928 Schulze, Kükenthal and Heider, Nomenclator Animal. **2** (8): 856.
 [Listed.]

insularis Muir

- 1925 *Cubana insularis* Muir, Trans. Ent. Soc. London **1924**: 463. [n. sp.]¹ Rodriguez I.¹
 (Indian Ocean)

irrorata Uhler

- 1895 *Cubana irrorata* Uhler, Proc. Zool. Soc. London **1895**: 63. [n. sp.]¹ St. Vincent I¹
 (West Indies)
 1903 *Cubana irrorata* Henshaw, Psyche **10**: 227. [Listed.]¹ Cuba²
 1926 *Cubana irrorata* Osborn, Ann. Ent. Soc. America **19**: 356. [Listed.]²

tortriciformis Muir

- 1924 *Cubana tortriciformis* Muir, Proc. Hawaiian Ent. Soc. **5**: 461. [n. sp.]¹ Puerto Rico¹
 1929 *Cubana tortriciformis* Osborn, Jour. Dept. Agr. Porto Rico **13**: 106.
 [Listed.]¹

tortrix Uhler

- 1895 *Cubana tortrix* Uhler, Proc. Zool. Soc. London **1895**: 62. [n. sp.]¹ St. Vincent I¹
 Dominica²
 1903 *Cubana tortrix* Henshaw, Psyche **10**: 227. [Listed.]¹ (West Indies)
 1919 *Cubana tortrix* Gibson, Proc. United States Nat. Mus. **55**: 277. [Listed.]² Cuba³
 1926 *Cubana tortrix* Osborn, Ann. Ent. Soc. America **19**: 356. [Listed.]³

trinitatis Myers

- 1928 *Cubana trinitatis* Myers, Studies on Cuban Insects :15. [n. sp.]¹ Cuba¹

Genus **INNOBINDUS** Jacobi

Orthotype *Innobindus multimaculatus* [n. sp.] 1928 Jacobi, Mjoberg's Exp. Australia :31.

Innobindus 1928 Jacobi, Mjoberg's Exp. Australia :31. [gen. n.]

multimaculatus Jacobi

- 1928 *Innobindus multimaculatus* Jacobi, Mjoberg's Exp. Australia :31; Figs. 18a-d. [Illustrated, n. sp.]¹ Australia¹

Genus **LEPTOLAMIA** Metcalf

Leptolamia nov. nom. for *Leptochlamys* Kirkaldy 1907 [nec West 1901.]
 Orthotype *Leptochlamys compressa* Kirkaldy.

[*Leptochlamys* Kirkaldy]

[Haplotype *Leptochlamys compressa* [n. sp.] 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 113.

[Type *Leptochlamys compressa* 1925 Muir, Pan-Pacific Ent. **1**: 102.]

Leptochlamys 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 113. [gen. n.] :107. [Key.] :12. [Listed.]

1912 Waterhouse, Index Zool. **2**: 152. [Listed.]

1913 Muir, Proc. Hawaiian Ent. Soc. **2**: 256. [Key.]

1925 Muir, Pan-Pacific Ent. **1**: 102. [Listed.] :106. [Key.]

1931 Schulze, Kükenthal and Heider, Nomenclator Animal. **3** (14): 1808. [Listed.]

compressa Kirkaldy

1907 *Leptochlamys compressa* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 113; Pl. VIII, Figs. 1–2. [n. sp., illustrated.]¹ :12. [Listed.] Queensland¹

Genus **ACHAEMENES** Stål

Logotype *Achaemenes notatinervis* 1925 Muir, Pan-Pacific Ent. **1**: 99.

Achaemenes 1866 Stål, Hemip. Africana **4**: 170. [gen. n.] :165. [Key.]

1882 Scudder, Nomenclator Zool. Univ. Index :3. [Listed.]

1910 Distant, Ins. Transvaaliensia **10**: 245. [Listed.]

1925 Muir, Pan-Pacific Ent. **1**: 99. [Listed.] :106. [Key.]

1926 Schulze, Kükenthal and Heider, Nomenclator Animal. **1** (1): 24. [Listed.]

costalis Stål

1866 *Achaemenes costalis* Stål, Hemip. Africana **4**: 170. [n. sp.]¹ Caffraria¹
Transvaal²

1910 *Achaemenes costalis* Distant, Ins. Transvaaliensia **10**: 245; Pl. XXIII, Figs. 21, 21a. [Listed, illustrated.]²

dilutus Stål

1866 *Achaemenes dilutus* Stål, Hemip. Africana **4**: 171. [n. sp.]¹ Caffraria¹
East Africa²

1905 *Achaemenes dilutus* Melichar, Wien. Ent. Zeit. **24**: 283. [Listed.]²

interspersus Jacobi

1917 *Achaemenes interspersus* Jacobi, Reise in Ostafrika **3**: 527. [n. sp.]¹ Madagascar¹

kilimanus Jacobi

1910 *Achaemenes kilimanus* Jacobi, Zool. Exp. Kilimandjaro :107; Pl. 1, Figs. 9, 9a. [Illustrated, n. sp.]¹ Tanganyika Territory¹

Achaemenes—*Pintalia*

- 1925 *Achaemenes kilimanus* Lallemand, Ark. Zool. **18**: (4). Central
[Listed.]² Africa²
- major** Jacobi
- 1917 *Achaemenes major* Jacobi, Reise in Ostafrika **3**: 528; Madagascar¹
Pl. 32, Figs. 9, 9a, 9b. [Illustrated, n. sp.]¹
- niger** Melichar
- 1905 *Achaemenes niger* Melichar, Wien. Ent. Zeit. **24**: 283. Usambara¹
[n. sp.]¹ (East Africa)
- notatinervis** Stål
- 1866 *Achaemenes notatinervis* Stål, Hemip. Africana **4**: 171. Caffraria¹
[n. sp.]¹
- ornatipennis** Stål
- 1866 *Achaemenes ornatipennis* Stål, Hemip. Africana **4**: 171. Natal¹
[n. sp.]¹
- sakalava** Jacobi
- 1917 *Achaemenes sakalava* Jacobi, Reise in Ostafrika **3**: 527. Madagascar¹
[n. sp.]¹
- terminalis** Jacobi
- 1910 *Achaemenes terminalis* Jacobi, Zool. Exp. Kilimandjaro Tanganyika
:107; Pl. 1, Figs. 7, 7a, 8, 8a. [Illustrated, n. sp.]¹ Territory¹

Genus **PINTALIA** Stål

Logotype *Pintalia lateralis* 1925 Muir, Pan-Pacific Ent. **1**: 103.

[*Cotyleceps* Uhler]

[Haplotype *Cotyleceps decorata* [n. sp.] 1895 Uhler, Proc. Zool. Soc. London **1895**: 63.]

[Type *Cotyleceps decorata* 1912 Oshanin, Kat. Palaeark. Hemip. :117.]

[Type *Cotyleceps decorata* 1925 Muir, Pan-Pacific Ent. **1**: 100.]

[Haplotype *Cotyleceps decorata* 1928 Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 67.]

[*Ciocixius* Metcalf]

[Orthotype *Cixius dorsivittatus* 1923 Metcalf, Jour. Elisha Mitchell Soc. **38**: 183.]

[Type *Cixius dorsivittatus* 1925 Muir, Pan-Pacific Ent. **1**: 100.]

[*Metabrixia* Fowler]

[Logotype *Metabrixia delicata* 1925 Muir, Pan-Pacific Ent. **1**: 102.]

- Pintalia* 1862 Stål, Bidr. Rio Janeiro-trakt. Hemip. 2: 4. [gen. n.]
 1866 Stål, Hemip. Africana 4: 165. [Key.]
 1869 Stål, Hemip. Fabriciana 2: 94. [Listed.]
- Cotyleceps* 1895 Uhler, Proc. Zool. Soc. London 1895: 63. [gen. n.]
 1900 Matsumura, Ent. Nachr. 26: 209 (5). [Listed.]
 1901 Uhler, Proc. Ent. Soc. Washington 4: 511. [Listed.]
 1902 Waterhouse, Index Zool. :88. [Listed.]
- Cotyleceps* [sic] 1903 Henshaw, Psyche 10: 227. [Listed.]
- Metabrixia* 1904 Fowler, Biologia Centrali-Americana 1: 86. [gen. n.] :80. [Key.]
- Cotyleceps* 1907 Oshanin, Verz. Palaeark. Hemip. 2: 249. [Listed.]
 1912 Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]
- Metabrixia* 1912 Waterhouse, Index Zool. 2: 173. [Listed.]
- Cotyleceps* 1922 Muir, Rec. Indian Mus. 24: 348. [Notes.]
- Ciocixius* 1923 Metcalf, Jour. Elisha Mitchell Soc. 38: 183. [gen. n.]
- Pintalia* 1925 Muir, Pan-Pacific Ent. 1: 103. [Listed.] Equals *Ciocixius* Metc. Equals *Cotyleceps* Uhl. Equals *Metabrixia* Fowl. :106. [Key.]
- Cotyleceps* 1925 Muir, Pan-Pacific Ent. 1: 100. [Synonym of *Pintalia* Stål.]
- Ciocixius* 1925 Muir, Pan-Pacific Ent. 1: 100. [Synonym of *Pintalia* Stål.]
- Metabrixia* 1925 Muir, Pan-Pacific Ent. 1: 102. [Synonym of *Pintalia* Stål.]
- Pintalia* 1926 Muir, Proc. Hawaiian Ent. Soc. 6: 329; Pl. XI, Figs. 6, 7. [Illustrated.]
- Cotyleceps* 1928 Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 55. [Key.] :67. [Described.] Equals *Metabrixia* Fowl.
 1928 Schulze, Kükenthal and Heider, Nomenclator Animal. 2 (8): 814. [Listed.]
- Metabrixia* 1931 Schulze, Kükenthal and Heider, Nomenclator Animal. 3 (15): 2053. [Listed.]

aspersa Fowler

- 1904 *Metabrixia aspersa* Fowler, Biologia Centrali-Americana Mexico¹
 1: 87; Pl. IX, Figs. 24, 24a. [n. sp., illustrated.]¹⁻³ Mississippi²
- 1916 *Monorachis aspersa* Van Duzee, Check List Hemip. Costa Rica³
 America :79. To *Monorachis sordulentus* Uhl. [error.]
- 1917 *Metabrixia? aspersa* Van Duzee, Cat. Hemip. America :734. To *Monorachis sordulentus* Uhl. [error.]
- 1928 *Cotyleceps aspersa* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 68. [Notes.]² Equals *Metabrixia aspersa* Fowl.

consobrina Stål

- 1862 *Pintalia consobrina* Stål, Bidr. Rio Janeiro-trakt. Brazil¹
 Hemip. 2: 5. [n. sp.]¹

decorata Uhler

- 1895 *Cotyleceps decorata* Uhler, Proc. Zool. Soc. London 1895: St. Vincent¹
 64. [n. sp.]¹ (West Indies)

Pintalia

- 1903 *Cortyleceps* [sic] *decorata* Henshaw, Psyche 10: 227.
[Listed.]¹
- 1925 *Pintalia decorata* Muir, Pan-Pacific Ent. 1: 100. Equals *Cotyleceps decorata* Uhl.

delicata Fowler

- 1904 *Metabrixia delicata* Fowler, Biologia Centrali-Americana 1: 86; Pl. IX, Figs. 23, 23a. [Illustrated, n. sp.]¹ Mexico¹
Mississippi²
- 1925 *Pintalia delicata* Muir, Pan-Pacific Ent. 1: 102. Equals Texas³
Metabrixia delicata Fowl. Louisiana⁴
- 1928 *Cotyleceps delicata* Dozier, Tech. Bull. Mississippi Agr. Virginia⁵
Exp. Sta. 14: 68. [Described.]^{2,3,4,5,6} Equals *Metabrixia* South
delicata Fowl. Equals *Cixius dorsivittatus* Van D. [error.] Carolina⁶
Equals *Ciocixius dorsivittatus* Metc. [error.]

discoidalis Lethierry

- 1890 *Pintalia discoidalis* Lethierry, Ann. Soc. Ent. France Venezuela¹
(6) 16: 148. [n. sp.]¹

dorsivittatus Van Duzee

- 1908 *Cixius dorsalis* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia 1907: 491. [n. sp.]¹ :488. [Key.] Florida¹
Southern
- 1909 *Cixius dorsivittatus* Van Duzee, Bull. Buffalo Soc. Nat. States²
Sci. 9: 188. Nom. nov. for *Cixius dorsalis* Van D. Cuba³
[Notes.]¹
- 1914 *Cixius dorsivittatus* Barber, Bull. American Mus. Nat. Hist. 33: 527.
[Listed.]¹
- 1916 *Cixius dorsivittatus* Van Duzee, Check List Hemip. America :79. [Listed.]²
Equals *Cixius dorsalis* Van D.
- 1917 *Cixius dorsivittatus* Van Duzee, Cat. Hemip. America :734. [Listed.]¹
Equals *Cixius dorsalis* Van D.
- 1921 *Cixius dorsivittatus* Osborn, Florida Ent. 5: 15. [Listed.]¹
- 1923 *Ciocixius dorsivittatus* Metcalf, Jour. Elisha Mitchell Soc. 38: 161; Figs. 77, 282, 283. [Key, illustrated.]
- 1925 *Pintalia dorsivittatus* Muir, Pan-Pacific Ent. 1: 100. Equals *Cixius dorsivittatus* Van Duzee.
- 1926 *Ciocixius dorsivittatus* Osborn, Ann. Ent. Soc. America 19: 356. [Notes.]³
- 1928 *Ciocixius dorsivittatus* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 68. To *Cotyleceps delicata* Fowl. [error.]
- 1928 *Cixius dorsivittatus* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 68. To *Cotyleceps delicata* Fowl. [error.]

fasciatipennis Stål

- 1862 *Pintalia fasciatipennis* Stål, Bidr. Rio Janeiro-trakt. Brazil¹
Hemip. 2: 4 [n. sp.]¹

fraterna Stål

- 1862 *Pintalia fraterna* Stål, Bidr. Rio Janeiro-trakt. Hemip. Brazil¹
2: 4. [n. sp.]¹

germana Fowler

- 1904 *Metabrixia germana* Fowler, Biologia Centrali-Ameri- Mexico¹
cana 1: 87; Pl. IX, Figs. 25, 25a. [Illustrated, n. sp.]^{1,2} Costa Rica²

inornata Stål

- 1862 *Pintalia inornata* Stål, Bidr. Rio Janeiro-trakt. Hemip. Brazil¹
2: 4. [n. sp.]¹

lateralis Stål

- 1862 *Pintalia lateralis* Stål, Bidr. Rio Janeiro-trakt. Hemip. Brazil¹
2: 4. [n. sp.]¹

maculata Fowler

- 1904 *Metabrixia maculata* Fowler, Biologia Centrali-Ameri- Guatemala¹
cana 1: 88; Pl. X, Figs. 2, 2a. [Illustrated, n. sp.]¹

obscuripennis Stål

- 1862 *Pintalia obscuripennis* Stål, Bidr. Rio Janeiro-trakt. Brazil¹
Hemip. 2: 4. [n. sp.]¹

pictipennis Stål

- 1862 *Pintalia pictipennis* Stål, Bidr. Rio Janeiro-trakt. Brazil¹
Hemip. 2: 5. [n. sp.]¹
- 1881 *Pintalia pictipennis* Lethierry, Ann. Soc. Ent. Belgique Guadeloupe²
25: 13. [Listed.]² (West Indies)

procellata Uhler

- 1901 *Cotyleceps procellata* Uhler, Proc. Ent. Soc. Washington Haiti¹
4: 511. [n. sp.]¹
- 1903 *Cotyleceps* [sic] *procellata* Henshaw, Psyche 10: 227. [Listed.]¹

proxima Stål

- 1862 *Pintalia proxima* Stål, Bidr. Rio Janeiro-trakt. Hemip. Brazil¹
2: 5. [n. sp.]¹

tacta Fowler

- 1904 *Metabrixia tacta* Fowler, Biologia Centrali-Americana Mexico¹
1: 88; Pl. X, Figs. 1, 1a. [Illustrated, n. sp.]¹

ustulata Stål

- 1862 *Pintalia ustulata* Stål, Bidr. Rio Janeiro-trakt. Hemip. Brazil¹
2: 5. [n. sp.]¹

Pintalia—*Kirbyana***variegata** Fabricius

- 1803 *Flata variegata* Fabricius, Systema Rhyng. :54. [n. sp.]¹ West Indies¹
 1830 *Flata variegata* Germar, Thon Archiv 2: 50. [Described.]¹
 1850 *Flata variegata* Schaum, Allg. Ency. Ersch. und Gruber 51: 73. [Listed.]
 1869 *Pintalia variegata* Stål, Hemip. Fabriciana 2: 94. [Described.]¹ Equals
Flata variegata Fabr.
 1932 *Flata variegata* Sherborn, Index Animalium 28: 6810. [Listed.]

Genus **KIRBYANA** Distant

Orthotype *Kirbya pagana* 1906 Distant, Fauna British India 3: 262.
 Type *Kirbya pagana* 1925 Muir, Pan-Pacific Ent. 1: 101.

[*Kirbya* Melichar]

[Haplotype *Kirbya pagana* [n. sp.] 1903 Melichar, Homop.-Fauna
 Ceylon :37.]

[Type *Kirbya pagana* 1925 Muir, Pan-Pacific Ent. 1: 101.]

[*Kirbyella* Kirkaldy]

[Orthotype *Kirbya pagana* 1906 Kirkaldy, Entomologist 39: 248.
 nom. nov.]

- Kirbya* 1903 Melichar, Homop.-Fauna Ceylon :37. [gen. n.] :223. [Listed.]
Kirbyana 1906 Distant, Fauna British India 3: 262. nom. nov. for *Kirbya* Mel.
 [Described.] :255. [Key.]
Kirbyella 1906 Kirkaldy, Entomologist 39: 248. nom. nov. for *Kirbya* Mel.
Kirbyana 1906 Distant, Entomologist 39: 274. [Listed.] Equals *Kirbya* Mel.
 Equals *Kirbyella* Kirk.
Kirbya 1912 Waterhouse, Index Zool. 2: 146. [Listed.]
Kirbyana 1912 Waterhouse, Index Zool. 2: 146. [Listed.]
Kirbyella 1912 Waterhouse, Index Zool. 2: 146. [Listed.]
Kirbyana 1913 Muir, Proc. Hawaiian Ent. Soc. 2: 260. [Listed.] :256. [Key.]
 1914 Matsumura, Annot. Zool. Japonenses 8: 434. [Listed.]
 1915 Schumacher, Homop.-Fauna Insel Formosa :116. [Listed.]
 Equals *Kirbya* Mel.
 1916 Distant, Fauna British India 6: 37. [Notes.] Equals *Kirbyella*
 Kirk. Equals *Kirbya* Mel.
Kirbya 1925 Muir, Pan-Pacific Ent. 1: 101. [Synonym of *Kirbyana* Dist.]
Kirbyana 1925 Muir, Pan-Pacific Ent. 1: 101. [Listed.] Equals *Kirbya* Mel.
 Equals *Kirbyella* Kirk. :106. [Key.]
Kirbyella 1925 Muir, Pan-Pacific Ent. 1: 101. [Synonym of *Kirbyana* Dist.]
Kirbyana 1926 Muir, Jour. Malayan Branch Roy. Asiatic Soc. 4: 395. [Listed.]
 1930 Schulze, Kükenthal and Heider, Nomenclator Animal. 3 (13):
 1729. [Listed.] Equals *Kirbya* Mel.
Kirbyella 1930 Schulze, Kükenthal and Heider, Nomenclator Animal. 3 (13):
 1729. [Listed.] Equals *Kirbya* Mel.
Kirbya 1930 Schulze, Kükenthal and Heider, Nomenclator Animal. 3 (13):
 1729. [Listed.]

javana Muir

- 1913 *Kirbyana javana* Muir, Proc. Hawaiian Ent. Soc. 2: 260. Java¹
[n. sp.]¹ Sipora
1926 *Kirbyana javana* Muir, Jour. Malayan Branch Roy. Island²
Asiatic Soc. 4: 395; Fig. 2. [Illustrated.]^{1,2} Sebesi³
1930 *Kirbyana javana* Muir, Treubia 12: 29. [Listed.]^{1,2,3} (Malaysia)

pagana Melichar

- 1903 *Kirbya pagana* Melichar, Homop.-Fauna Ceylon :38; Ceylon¹
Pl. II, Figs. 1, 1a-c. [n. sp., illustrated.]¹ :223. [Listed.]¹ Formosa²
Equals *Derbe* (?) *crenatonervosa* Motsch. [error.] China³
1906 *Kirbyana pagana* Distant, Fauna British India 3: 262; Malay⁴
Fig. 118. [Described, illustrated.]¹ Equals *Kirbya pa-* India⁵
gana Mel. Oriental
1914 *Kirbyana pagana* Matsumura, Annot. Zool. Japonenses Region⁶
8: 434. [Listed.]^{2,3,4,5} Equals *Kirbya pagana* Mel. Sunda I.⁷
1915 *Kirbyana pagana* Schumacher, Homop.-Fauna Insel
Formosa :116. [Listed.]^{1,2,3,5,7} Equals *Kirbya pagana* Mel.
1917 *Kirbya pagana* Pierce, Man. Dangerous Ins. :206. [Listed.]^{2,6}
1925 *Kirbyana pagana* Muir, Pan-Pacific Ent. 1: 101. Equals *Kirbya pagana*
Mel.

pratti Muir

- 1913 *Kirbyana pratti* Muir, Proc. Hawaiian Ent. Soc. 2: 260. Malay
[n. sp.]¹ Peninsula¹

Genus **DYSTHEANTIAS** Kirkaldy

Haplotype *Dystheantias beecheyi* [n. sp.] 1907 Kirkaldy, Bull. Hawaiian
Sugar Pl. Assoc. 3: 113.

Type *Dystheantias beecheyi* 1925 Muir, Pan-Pacific Ent. 1: 101.

[*Quirosia* Kirkaldy]

[Haplotype *Quirosia vitiensis* [n. sp.] 1907 Kirkaldy, Bull. Hawaiian
Sugar Pl. Assoc. 3: 114.]

[Type *Quirosia vitiensis* 1925 Muir, Pan-Pacific Ent. 1: 103.]

[*Saccharias* Kirkaldy]

[Haplotype *Saccharias deventeri* [n. sp.] 1907 Kirkaldy, Ann. Soc. Ent.
Belgique 51: 125.]

[Type *Saccharias deventeri* 1925 Muir, Pan-Pacific Ent. 1: 104.]

Dystheantias 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 113. [gen. n.]
:107. [Key.] :12. [Listed.]

Quirosia 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 114. [gen. n.]
:107. [Key.] :12. [Listed.]

Saccharias 1907 Kirkaldy, Ann. Soc. Ent. Belgique 51: 125. [gen. n.]

Dystheantias 1912 Waterhouse, Index Zool. 2: 89. [Listed.]

Dystheatias—*Ptoleria*

- Quirosia* 1912 Waterhouse, Index Zool. 2: 260. [Listed.]
Saccharias 1912 Waterhouse, Index Zool. 2: 267. [Listed.]
 1913 Muir, Proc. Hawaiian Ent. Soc. 2: 256. [Key.]
Dystheatias 1913 Muir, Proc. Hawaiian Ent. Soc. 2: 256. [Key.]
 1925 Muir, Pan-Pacific Ent. 1: 101. [Listed.] Equals *Quirosia* Kirk.
 Equals *Saccharias* Kirk. :106. [Key.]
Quirosia 1925 Muir, Pan-Pacific Ent. 1: 103. [Synonym of *Dystheatias* Kirk.]
Saccharias 1925 Muir, Pan-Pacific Ent. 1: 104. [Synonym of *Dystheatias* Kirk.]
Dystheatias 1928 Schulze, Kükenthal and Heider, Nomenclator Animal 2 (9):
 1085. [Listed.]

beecheyi Kirkaldy

- 1907 *Dystheatias beecheyi* Kirkaldy, Bull. Hawaiian Sugar Pl. Fiji¹
 Assoc. 3: 113. [n. sp.]¹ :12. [Listed.]

beecheyi var. **fuscata** Kirkaldy

- 1907 *Dystheatias beecheyi fuscata* Kirkaldy, Bull. Hawaiian Fiji¹
 Sugar Pl. Assoc. 3: 114. [var. n.]¹ :12. [Listed.]

deventeri Kirkaldy

- 1907 *Saccharias deventeri* Kirkaldy, Ann. Soc. Ent. Belgique Java¹
 51: 125; Fig. 1. [n. sp., illustrated.]¹ Krakatau²
 1925 *Dystheatias deventeri* Muir, Pan-Pacific Ent. 1: 104. (East Indies)
 Equals *Saccharias deventeri* Kirk.
 1930 *Dystheatias deventeri* Muir, Treubia 12: 30. [Listed.]^{1,2}
uscata Kirkaldy (var.). See *Dystheatias beecheyi* var. *fuscata* Kirkaldy.

fuscovenosa Melichar

- 1914 *Dystheatias fuscovenosa* Melichar, Philippine Jour. Sci. Philippine I.¹
 9: 174. [n. sp.]¹

punctata Melichar

- 1914 *Dystheatias punctata* Melichar, Philippine Jour. Sci. Philippine I.¹
 9: 174. [n. sp.]¹
 1926 *Dystheatias punctata* Haupt, Philippine Jour. Sci. 29: 432. [Described.]¹

vitiensis Kirkaldy

- 1907 *Quirosia vitiensis* Kirkaldy, Bull. Hawaiian Sugar Pl. Fiji¹
 Assoc. 3: 115. [n. sp.]¹ :12. [Listed.]
 1925 *Dystheatias vitiensis* Muir, Pan-Pacific Ent. 1: 103. Equals *Quirosia*
vitiensis Kirk.

Genus **PTOLERIA** Stål

Haplotype *Ptoleria arcuigera* [n. sp.] 1859 Stål, Berliner Ent. Zeit.
 3: 321.

Type *Ptoleria arcuigera* 1906 Distant, Fauna British India 3: 265.

Type *Ptoleria arcuigera* 1925 Muir, Pan-Pacific Ent. 1: 103.

[*Commolenda* Distant]

[Haplotype *Commolenda deusta* [n. sp.] 1911 Distant, Ann. Mag. Nat. Hist. (8) 8: 741.]

[Type *Commolenda deusta* 1916 Distant, Fauna British India 6: 37.]

[Type *Commolenda deusta* 1925 Muir, Pan-Pacific Ent. 1: 100.]

[*Caneirona* Distant]

[Orthotype *Caneirona maculipennis* 1916 Distant, Fauna British India 6: 38.]

[Pseudotype *Caneirona indica* 1925 Muir, Pan-Pacific Ent. 1: 100.]

[*Bajauana* Distant]

[Orthotype *Brixia rufula* 1907 Distant, Ann. Mag. Nat. Hist. (7) 19: 277.]

[Type *Brixia rufula* 1925 Muir, Pan-Pacific Ent. 1: 99.]

[*Ambalangoda* Distant]

[Haplotype *Ambalangoda insignis* [n. sp.] 1912 Distant, Ann. Mag. Nat. Hist. (8) 9: 187.]

[Type *Ambalangoda insignis* 1916 Distant, Fauna British India 6: 61.]

[Type *Ambalangoda insignis* 1925 Muir, Pan-Pacific Ent. 1: 99.]

- Ptoleria* 1859 Stål, Berliner Ent. Zeit 3: 321. [gen. n.]
 1882 Scudder, Nomenclator Zool. Univ. Index :271. [Listed.]
 1903 Melichar, Homop.-Fauna Ceylon :36. [Described.] :223.
 [Listed.]
 1906 Distant, Fauna British India 3: 265. [Described.] :255. [Key.]
- Bajauana* 1907 Distant, Ann. Mag. Nat. Hist. (7) 19: 277. [gen. n.]
- Commolenda* 1911 Distant, Ann. Mag. Nat. Hist. (8) 8: 741. [gen. n.]
- Ambalangoda* 1912 Distant, Ann. Mag. Nat. Hist. (8) 9: 187. [gen. n.]
- Bajauana* 1912 Waterhouse, Index Zool. 2: 32. [Listed.]
- Ptoleria* 1913 Muir, Proc. Hawaiian Ent. Soc. 2: 256. [Key.]
- Ambalangoda* 1916 Distant, Fauna British India 6: 61. [Described.]
- Caneirona* 1916 Distant, Fauna British India 6: 38. [gen. n.]
- Commolenda* 1916 Distant, Fauna British India 6: 37. [Described.]
- Caneirona* 1917 Distant, Trans. Linn. Soc. Zool. 17: 276. [Described.]
- Commolenda* 1922 Muir, Rec. Indian Mus. 24: 349. [Notes.]
- Ptoleria* 1925 Muir, Pan-Pacific Ent. 1: 103. [Listed.] Equals *Australoma*
 Kirk. [error.] Equals *Bajauana* Dist. Equals *Caneirona* Dist.
 Equals *Commolenda* Dist. Equals *Ambalangoda* Dist. :106.
 [Key.]
- Ambalangoda* 1925 Muir, Pan-Pacific Ent. 1: 99. [Synonym of *Ptoleria* Stål.]
- Caneirona* 1925 Muir, Pan-Pacific Ent. 1: 100. [Synonym of *Ptoleria* Stål.]
- Commolenda* 1925 Muir, Pan-Pacific Ent. 1: 100. [Synonym of *Ptoleria* Stål.]
- Bajauana* 1926 Schulze, Kükenthal and Heider, Nomenclator Animal. 1 (3):
 363. [Listed.]

Ptoleia

- Ambalangoda* 1926 Schulze, Kükenthal and Heider, Nomenclator Animal. 1 (1): 125. [Listed.]
Commolenda 1927 Schulze, Kükenthal and Heider, Nomenclator Animal. 2 (7): 768. [Listed.]
Ptoleia 1927 Muir, Fulgoroidea of Samoa :4. [Listed.]

arcuigera Stål

- 1859 *Ptoleia arcuigera* Stål, Berliner Ent. Zeit. 3: 321. Ceylon¹
 [n. sp.]¹
 1891 *Ptoleia arcuigera* Kirby, Jour. Linn. Soc. Zool. 24: 139. [Listed.]¹
 1903 *Ptoleia arcuigera* Melichar, Homop.-Fauna Ceylon :37; Pl. I, Figs. 9, 9a-c. [Described, illustrated.]¹ :223. [Listed.]¹
 1906 *Ptoleia arcuigera* Distant, Fauna British India 3: 266; Fig. 120. [Described, illustrated.]¹

australis Muir

- 1913 *Ptoleia australis* Muir, Proc. Hawaiian Ent. Soc. 2: 258. Queensland¹
 [n. sp.]¹

austrina Kirkaldy. See *Australoma austrina* Kirkaldy.

baumanensis Muir. See *Australoma baumanensis* Muir.

bicolor Walker

- 1870 *Brixia bicolor* Walker, Jour. Linn. Soc. Zool. 10: 109. New Guinea¹
 [n. sp.]¹
 1907 *Bajanana bicolor* Distant, Ann. Mag. Nat. Hist. (7) 19: 278. [Listed.]¹
 Equals *Brixia bicolor* Walk.

brunnea Muir

- 1913 *Ptoleia brunnea* Muir, Proc. Hawaiian Ent. Soc. 2: 257. Larat¹
 [n. sp.]¹ (East Indies)

buxtoni Muir

- 1927 *Ptoleia buxtoni* Muir, Fulgoroidea of Samoa :4; Fig. 3. Samoa¹
 [Illustrated, n. sp.]¹ (Polynesia)

communis Muir

- 1913 *Ptoleia communis* Muir, Proc. Hawaiian Ent. Soc. 2: 257. Singapore¹
 [n. sp.]¹

deusta Distant

- 1911 *Commolenda deusta* Distant, Ann. Mag. Nat. Hist. (8) 8: 741. [n. sp.]¹ India¹
 Central
 1916 *Commolenda deusta* Distant, Fauna British India 6: 38; India²
 Fig. 23. [Described, illustrated.]²
 1925 *Ptoleia deusta* Muir, Pan-Pacific Ent. 1: 100. Equals *Commolenda deusta* Dist.

fasciata Distant

- 1916 *Ambalangoda fasciata* Distant, Fauna British India Ceylon¹
6: 62. [n. sp.]¹

granulinervis Muir

- 1913 *Ptolema granulinervis* Muir, Proc. Hawaiian Ent. Soc. Larat¹
2: 256. [n. sp.]¹ (East Indies)

indica Distant

- 1916 *Caneirona indica* Distant, Fauna British India 6: 39; South India¹
Fig. 24. [Illustrated, n. sp.]¹
1925 *Caneirona indica* Singh-Pruthi, Trans. Ent. Soc. London 1925: 223; Pl.
XXIX, Fig. 247. [Illustrated, genitalia.]
1925 *Ptolema indica* Muir, Pan-Pacific Ent. 1: 100. Equals *Caneirona indica*
Dist.

insignis Distant

- 1912 *Ambalangoda insignis* Distant, Ann. Mag. Nat. Hist. Ceylon¹
(8) 9: 188. [n. sp.]¹
1916 *Ambalangoda insignis* Distant, Fauna British India 6: 62; Fig. 47. [De-
scribed, illustrated.]¹
1925 *Ptolema insignis* Muir, Pan-Pacific Ent. 1: 99. Equals *Ambalangoda in-*
signis Dist.

maculata Muir

- 1913 *Ptolema maculata* Muir, Proc. Hawaiian Ent. Soc. 2: Malay
257. [n. sp.]¹ Peninsula¹

maculipennis Distant

- 1917 *Caneirona maculipennis* Distant, Trans. Linn. Soc. Zool. Seychelles¹
17: 277; Pl. 49, Figs. 9, 9a. [Illustrated, n. sp.]^{1,2} Mahe²
(Indian Ocean)

magna Muir

- 1913 *Ptolema magna* Muir, Proc. Hawaiian Ent. Soc. 2: 258. West
[n. sp.]¹ Borneo¹

marginata Walker

- 1870 *Brixia marginata* Walker, Jour. Linn. Soc. Zool. 10: 107. New Guinea¹
[n. sp.]¹
1907 *Bajauana marginata* Distant, Ann. Mag. Nat. Hist. (7) 19: 278. [Listed.]¹
Equals *Brixia marginata* Walk.

palliceus Walker

- 1870 *Brixia palliceus* Walker, Jour. Linn. Soc. Zool. 10: 106. Mysol¹
[n. sp.]^{1,2} (East Indies)

Ptoleia—*Australoma*

- 1907 *Bajauana pallicepts* Distant, Ann. Mag. Nat. Hist. (7) 19: 278. [Listed.]¹ Equals *Brixia pallicepts* Walk. New Guinea²

puncticosta Walker

- 1870 *Brixia puncticosta* Walker, Jour. Linn. Soc. Zool. 10: 109. [n. sp.]^{1,2} Morty¹
Mysol²
- 1907 *Bajauana puncticosta* Distant, Ann. Mag. Nat. Hist. (7) 19: 278. [Listed.]^{2,1} Equals *Brixia puncticosta* Walk. (East Indies)

puncticosta var. **beta** nom. nov. for *Brixia puncticosta* var. β Walker

- 1870 *Brixia puncticosta* var. Walker, Jour. Linn. Soc. Zool. 10: 109. [var. n.]¹ Mysol¹

rufula Walker

- 1870 *Brixia rufula* Walker, Jour. Linn. Soc. Zool. 10: 106. [n. sp.]¹ New Guinea¹
- 1907 *Bajauana rufula* Distant, Ann. Mag. Nat. Hist. (7) 19: 278. [Listed.]¹ Equals *Brixia rufula* Walk.

tenebrosa Walker

- 1870 *Brixia tenebrosa* Walker, Jour. Linn. Soc. Zool. 10: 106. [n. sp.]¹ Ceram¹
(East Indies)
- 1907 *Bajauana tenebrosa* Distant, Ann. Mag. Nat. Hist. (7) 19: 278. [Listed.]¹ Equals *Brixia tenebrosa* Walk.

trahens Walker

- 1857 *Cixius trahens* Walker, Jour. Linn. Soc. Zool. 1: 149. [n. sp.]¹ Borneo¹
- 1859 *Cixius trahens* Dohrn, Cat. Hemip. :61. [Listed.]¹
- 1907 *Bajauana trahens* Distant, Ann. Mag. Nat. Hist. (7) 19: 279. [Listed.]¹ Equals *Cixius trahens* Walk.

varia Walker

- 1870 *Brixia varia* Walker, Jour. Linn. Soc. Zool. 10: 108. [n. sp.]¹ Sula¹
(Molucca I.)
- 1907 *Bajauana varia* Distant, Ann. Mag. Nat. Hist. (7) 19: 278. [Listed.]¹ Equals *Brixia varia* Walk.

variegata Walker

- 1870 *Brixia variegata* Walker, Jour. Linn. Soc. Zool. 10: 108. [n. sp.]¹ Sula¹
(Molucca I.)
- 1907 *Bajauana variegata* Distant, Ann. Mag. Nat. Hist. (7) 19: 278. [Listed.]¹ Equals *Brixia variegata* Walk.

wilkesi Muir. See *Australoma wilkesi* Muir.

Genus **AUSTRALOMA** Kirkaldy

Haplotype *Australoma austrina* [n. sp.] 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 114.

Type *Australoma austrina* 1925 Muir, Pan-Pacific Ent. 1: 99.

Type *Australoma austrina* 1926 Schmidt, Treubia 7: 231.

- Australoma* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 114. [gen. n.] :107. [Key.] :12. [Listed.]
 1912 Waterhouse, Index Zool. 2: 31. [Listed.]
Austroloma [sic] 1913 Muir, Proc. Hawaiian Ent. Soc. 2: 258. [Listed.] :256. [Key.]
Australoma 1925 Muir, Pan-Pacific Ent. 1: 99. To *Ptoleria* Stål [error.].
 1926 Schmidt, Treubia 7: 231. [Listed.]
 1926 Schulze, Kükenthal and Heider, Nomenclator Animal. 1 (3) :342. [Listed.]
 1928 Jacobi, Mjoberg's Exp. Australia :36. [Notes.]

austrina Kirkaldy

- 1907 *Australoma austrina* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 114; Pl. VIII, Figs. 16-18. [Illustrated, n. sp.]¹ :12. [Listed.] Queensland¹ Buru² (East Indies)
 1913 *Austroloma* [sic] *austrina* Muir, Proc. Hawaiian Ent. Soc. 2: 258. [Notes.]
 1925 *Australoma austrina* Muir, Pan-Pacific Ent. 1: 99. To *Ptoleria austrina* Kirk.
 1926 *Australoma austrina* Schmidt, Treubia 7: 232. [Notes.]²

baumanensis Muir

- 1921 *Austroloma* [sic] *baumanensis* Muir, Proc. Hawaiian Ent. Soc. 4: 568; Figs. 7, 7a. [Illustrated, n. sp.]¹ Samoa¹ (Polynesia)
 1927 *Ptoleria baumanensis* Muir, Fulgoroidea of Samoa :4; Fig. 2. [Notes, illustrated.]¹ Equals *Austroloma* [sic] *baumanensis* Muir.

bicolor Muir

- 1913 *Austroloma* [sic] *bicolor* Muir, Proc. Hawaiian Ent. Soc. 2: 260. [n. sp.]¹ Ceram¹ (East Indies)

brunnia Muir

- 1922 *Australoma brunnia* Muir, Rec. Indian Mus. 24: 350. [n. sp.]¹ Assam¹ (India)

fusconervata Muir

- 1913 *Austroloma* [sic] *fusconervata* Muir, Proc. Hawaiian Ent. Soc. 2: 259. [n. sp.]^{1,2} Larat¹ Amboina² (East Indies)

grandis Muir

- 1913 *Austroloma* [sic] *grandis* Muir, Proc. Hawaiian Ent. Soc. 2: 260. [n. sp.]¹ Amboina¹

obscura Jacobi [var.]. See *Australoma praetextata* var. *obscura* Jacobi.

*Australoma—Eucarpia—Mnemosyne***pallida** Muir

- 1913 *Austroloma* [sic] *pallida* Muir, Proc. Hawaiian Ent. Soc. Amboina¹
2: 259. [n. sp.]^{1,2} Larat²

pallidula Muir

- 1913 *Austroloma* [sic] *pallidula* Muir, Proc. Hawaiian Ent. Larat¹
Soc. 2: 259. [n. sp.]¹

praetextata Jacobi

- 1928 *Australoma praetextata* Jacobi, Mjoberg's Exp. Aus- Australia¹
tralia :36; Fig. 23. [n. sp., illustrated.]¹

praetextata var. **obscura** Jacobi

- 1928 *Australoma praetextata obscura* Jacobi, Mjoberg's Exp. Australia¹
Australia :37. [n. var.]¹

wilkesi Muir

- 1921 *Austroloma* [sic] *wilkesi* Muir, Proc. Hawaiian Ent. Soc. Samoa¹
4: 568; Fig. 16. [n. sp., illustrated.]¹ (Polynesia)
1927 *Ptoleria wilkesi* Muir, Fulgoroidea of Samoa :4 [Notes.]¹
Equals *Austroloma* [sic] *wilkesi* Muir.

Genus **EUCARPIA** Walker

Haplotype *Eucarpia univitta* [n. sp.] 1857 Walker, Jour. Linn. Soc. Zool. 1: 159.

Type *Eucarpia univitta*. 1925 Muir, Pan-Pacific Ent. 1: 101.

Eucarpia 1857 Walker, Jour. Linn. Soc. Zool. 1: 159. [gen. n.]

1859 Dohrn, Cat. Hemip. :60. [Listed.]

1882 Scudder, Nomenclator Zool. Univ. Index :117. [Listed.]

1925 Muir, Pan-Pacific Ent. 1: 101. [Listed.] :160. [Notes.]

1929 Schulze, Kükenthal and Heider, Nomenclator Animal. 2 (10): 1212. [Listed.]

univitta Walker

- 1857 *Eucarpia univitta* Walker, Jour. Linn. Soc. Zool. 1: 159. Borneo¹
[n. sp.]¹

- 1859 *Eucarpia univitta* Dohrn, Cat. Hemip. :60. [Listed.]¹

Genus **MNEMOSYNE** Stål

Haplotype *Mnemosyne cubana* [n. sp.] 1866 Stål, Berliner Ent. Zeit. 10: 391.

Pseudotype *Mnemosyne planiceps* 1907 Distant, Ann. Mag. Nat. Hist. (7) 19: 283.

Pseudotype *Mnemosyne planiceps* 1916 Distant, Fauna British India 6: 33.

Type *Mnemosyne cubanae* [sic] 1923 Muir, Ann. Mag. Nat. Hist. (9) 11: 555.

Type *Mnemosyne cubana* 1925 Muir, Pan-Pacific Ent. 1: 102.

- Mnemosyne* 1866 Stål, Hemip. Africana 4: 150. [gen. n.]
 1866 Stål, Berliner Ent. Zeit. 10: 391. [Listed.]
 1869 Stål, Hemip. Fabriciana 2: 91. [Listed.]
 1870 Stål, Ofv. Svenska Vet. Akad. Forh. 27: 746. [Listed.]
 1882 Scudder, Nomenclator Zool. Univ. Index :199. [Listed.]
 1904 Fowler, Biologia Centrali-Americana 1: 81. [Key.] :102. [Notes.]
 1907 Distant, Ann. Mag. Nat. Hist. (7) 19: 283. [Listed.]
 1916 Distant, Fauna British India 6: 33. [Described.]
 1917 Heidemann and Osborn, Ann. Carnegie Mus. 11: 348. [Listed.]
 1922 Muir, Rec. Indian Mus. 24: 343. [Notes.]
 1923 Muir, Proc. Hawaiian Ent. Soc. 5: 223; Pl. IV, Fig. 3. [Notes, Illustrated.]
 1923 Muir, Ann. Mag. Nat. Hist. (9) 11: 555. [Notes.]
 1925 Muir, Pan-Pacific Ent. 1: 102. [Listed.] :106. [Key.]
 1926 Muir, Jour. Malayan Branch Roy. Asiatic Soc. 4: 395. [Notes.]
 1932 Schulze, Kükenthal and Heider, Nomenclator Animal. 3 (16) :2120. [Listed.]

bergi Muir

- 1926 *Mnemosyne bergi* Muir, Ent. Soc. America 19: 72; Figs. 5, 6, 7. [Morphology, illustrated.]

camerunensis Distant

- 1907 *Mnemosyne camerunensis* Distant, Ann. Mag. Nat. Hist. (7) 19: 283. [n. sp.]¹ Cameroons¹
 South
 1923 *Mnemosyne camerunensis* Muir, Ann. Mag. Nat. Hist. (9) 11: 558. [Notes.]² Nigeria²

cingalensis Distant

- 1911 *Mnemosyne cingalensis* Distant, Ann. Mag. Nat. Hist. (8) 8: 738. [n. sp.]¹ Ceylon¹
 1916 *Mnemosyne cingalensis* Distant, Fauna British India 6: 34; Fig. 19. [Described, illustrated.]¹
 1922 *Mnemosyne cingalensis* Muir, Rec. Indian Mus. 24: 343. [Notes.]

cubana Stål

- 1866 *Mnemosyne cubana* Stål, Berliner Ent. Zeit. 10: 391. [n. sp.]¹ Cuba¹
 Isle of Pines²
 1904 *Mnemosyne cutana* [sic] Fowler, Biologia Centrali-Americana 1: 102. To *Mnemosyne planiceps* Fabr. (West Indies) [error.]

Mnemosyne

- 1910 *Mnemosina* [sic] *cubana* Valdes, An. Acad. Cien. Habana 46: 442. [Listed.]¹
- 1914 *Mnemosina* [sic] *cubana* Valdes, Zool. Mus. Cubano "Gundlach" Cat. Gen. :103. [Listed.]¹
- 1917 *Mnemosync cubana* Heidemann and Osborn, Ann. Carnegie Mus. 11: 348. [Listed.]²
- 1923 *Mnemosyne cubanae* [sic] Muir, Ann. Mag. Nat. Hist. (9) 11: 555. [Described.]
- 1928 *Mnemosync cubana* Myers, Studies on Cuban Insects :15. [Note.]¹
- 1929 *Mnemosyne cubana* Myers, Psyche 36: 284; Figs. 1-7. [Biology, illustrated.]¹

cutana. Typographical error for *Mnemosyne cubana* Stål.

dohertyi Distant

- 1907 *Mnemosyne dohertyi* Distant, Ann. Mag. Nat. Hist. (7) Borneo¹
19: 283. [n. sp.]¹

efferatus Walker

- 1857 *Cixius efferatus* Walker, Jour. Proc. Linn. Soc. 1: 87. Singapore¹
[n. sp.]¹ India²
- 1859 *Cixius efferatus* Dohrn, Cat. Hemip. :60. [Listed.]¹ :61.
[Listed.]²
- 1886 *Cixius* (?) *efferatus* Atkinson, Jour. Asiatic Soc. Bengal 55: 32. [Described.]¹
- 1907 *Oliarus efferatus* Distant, Ann. Mag. Nat. Hist. (7) 19: 282. [Listed.]¹
Equals *Cixius efferatus* Walk.
- 1923 *Mnemosyne efferatus* Muir, Ann. Mag. Nat. Hist. (9) 11: 557. [Described.]¹
- 1923 *Mnemosyne efferatus* Muir, Proc. Hawaiian Ent. Soc. 5: 237; Pl. IV,
Fig. 3. [Genitalia illustrated.]

evansi Muir

- 1923 *Mnemosyne evansi* Muir, Ann. Mag. Nat. Hist. (9) 11: Gold Coast¹
558. [n. sp.]¹

fuscinervis Muir

- 1926 *Mnemosyne fuscinervis* Muir, Jour. Malayan Branch Siberut¹
Roy. Asiatic Soc. 4: 395; Figs. 3, 4. [Illustrated, n. sp.]^{1,2} (East Indies)
Sipora²

maculipennis Muir

- 1923 *Mnemosyne maculipennis* Muir, Ann. Mag. Nat. Hist. British East
(9) 11: 557. [n. sp.]^{1,2} Africa¹
Mozambique²

philippina Stål

- 1870 *Mnemosyne philippina* Stål, Ofv. Svenska Vet. Akad. Philippine I.¹
Forh. 27: 746. [n. sp.]¹

- 1922 *Mnemosyne philippina* Muir, Rec. Indian Mus. 24: 343. [Notes.]
 1923 *Mnemosyne philippina* Muir, Ann. Mag. Nat. Hist. (9) 11: 556. [Described.]¹

planiceps Fabricius

- 1803 *Flata planiceps* Fabricius, Systema Rhyng. :48. [n. sp.]¹ South
 1830 *Flata planiceps* Germar, Thon Archiv 2: 49. [Described.]¹ America¹
 Colombia²
 1850 *Ricania planiceps* Schaum, Allg. Ency. Ersch und Gruber 51: 73. [Listed.]¹ Equals *Flata planiceps* Fabr. Panama³
 British
 1851 *Ricania? planiceps* Walker, List Homop. British Mus. 2: 424. [Listed.]¹ Equals *Flata planiceps* Fabr. Guiana⁴
 Cuba⁵
 1851 *Cixius colombiae* Walker, List Homop. British Mus. 2: 339. [n. sp.]² Central
 America⁶
 1859 *Cixius colombiae* Dohrn, Cat. Hemip. :60. [Listed.]²
 1859 *Ricania planiceps* Dohrn, Cat. Hemip. :67. [Listed.]¹
 1869 *Mnemosyne planiceps* Stål, Hemip. Fabriciana 2: 91. [Described.]¹
 Equals *Flata planiceps* Fabr.
 1898 ?*Flata planiceps* Melichar, Ann. Nat. Hofmus Wien 13: 306. To *Nogodina reticulata* Fabr. [error.]
 1904 *Mnemosyne planiceps* Fowler, Biologia Centrali-Americana 1: 102; Pl. XI, Figs. 7, 8a–b, 8. [Described, illustrated.]^{1,3,4,5} Equals *Flata planiceps* Fabr. Equals *Mnemosyne cutana* [sic] Stål. [error.]
 1907 *Mnemosyne planiceps* Distant, Ann. Mag. Nat. Hist. (7) 19: 283. [Listed.]^{5,6} Equals *Flata planiceps* Fabr. Equals *Cixius columbiae* Walk.
 1923 *Mnemosyne planiceps* Muir, Ann. Mag. Nat. Hist. (9) 11: 556. [Described.]⁶
 1928 *Mnemosyne planiceps* Myers, Studies on Cuban Insects :15. [Listed as distinct.]
 1929 *Flata planiceps* Sherborn, Index Animalium 20: 5008. [Listed.]

punctipennis Distant

- 1906 *Oliarus punctipennis* Distant, Fauna British India 3: 259. [n. sp.]¹ India¹
 Indo-China²
 1916 *Mnemosyne punctipennis* Distant, Fauna British India 6: 34. [Listed.] Equals *Oliarus punctipennis* Dist.
 1922 *Mnemosyne punctipennis* Muir, Rec. Indian Mus. 24: 343. Equals *Oliarus punctipennis* Dist.
 1923 *Mnemosyne punctipennis* Muir, Ann. Mag. Nat. Hist. (9) 11: 559. [Listed.]²

Genus **HUTTIA** Myers

Orthotype *Huttia nigrifrons* [n. sp.] 1924 Myers, Trans. New Zealand Inst. 55: 321.

Type *Huttia nigrifrons* 1925 Muir, Pan-Pacific Ent. 1: 101.

Huttia 1924 Myers, Trans. New Zealand Inst. 55: 321. [gen. n.] :317. [Key.]
 1925 Muir, Pan-Pacific Ent. 1: 101. [Listed.] :106. [Key.]

*Huttia—Malpha—Mesoliarus***harrisi** Myers

1924 *Huttia harrisi* Myers, Trans. New Zealand Inst. 55: 322. New Zealand¹
[n. sp.]¹

nigrifrons Myers

1924 *Huttia nigrifrons* Myers, Trans. New Zealand Inst. 55: 321; Pl. 22, Fig. 7. [Illustrated, n. sp.]¹

Genus **MALPHA** Myers

Orthotype *Malpha muiri* [n. sp.] 1924 Myers, Trans. New Zealand Inst. 55: 322.

Type *Malpha muiri* 1925 Muir, Pan-Pacific Ent. 1: 102.

Malpha 1924 Myers, Trans. New Zealand Inst. 55: 322. [gen. n.] :317. [Key.]
1925 Muir, Pan-Pacific Ent. 1: 102. [Listed.] :106. [Key.]

cockcrofti Myers

1924 *Malpha cockcrofti* Myers, Trans. New Zealand Inst. 55: 323. [n. sp.]¹

duniana Myers

1924 *Malpha duniana* Myers, Trans. New Zealand Inst. 55: 323; Pl. 23, Fig. 3. [n. sp., illustrated.]¹

iris Myers

1924 *Malpha iris* Myers, Trans. New Zealand Inst. 55: 323. New Zealand¹
[n. sp.]¹

muiri Myers

1924 *Malpha muiri* Myers, Trans. New Zealand Inst. 55: 322; Pl. 23, Figs. 1, 2. [Illustrated, n. sp.]¹

Genus **MESOLIARUS** Matsumura

Haplotype *Mesoliarus malagensis* [n. sp.] 1910 Matsumura, Jour. Coll. Sci. Tokyo 27: 9.

Type *Mesoliarus malagensis* 1912 Oshanin, Kat. Palaeark. Hemip. :116.

Type *Mesoliarus malagensis* 1925 Muir, Pan-Pacific Ent. 1: 102.

Mesoliarus 1910 Matsumura, Jour. Coll. Sci. Tokyo 27: 9. [gen. n.]
1912 Waterhouse, Index Zool. 2: 172. [Listed.]
1912 Oshanin, Kat. Palaeark. Hemip. : 116 [Listed.]
1925 Muir, Pan-Pacific Ent. 1: 102. [Listed.] :106. [Key.]
1931 Schulze, Kükenthal and Heider, Nomenclator Animal. 3 (15):
2045. [Listed.]

malagensis Matsumura

1910 *Mesoliarus malagensis* Matsumura, Jour. Coll. Sci. Spain¹
Tokyo 27: 10; Fig. 1. [Illustrated, n. sp.]¹

1912 *Mesoliarus malagensis* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]¹

Genus **EPOLIARUS** Matsumura

Haplotype *Epoliarus politus* [n. sp.] 1910 Matsumura, Jour. Coll. Sci. Tokyo 27: 11.

Type *Epoliarus politus* 1912 Oshanin, Kat. Palaeark. Hemip. :116.

Type *Epoliarus politus* 1925 Muir, Pan-Pacific Ent. 1: 101.

Epoliarus 1910 Matsumura, Jour. Coll. Sci. Tokyo 27: 11. [gen. n.]

1912 Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]

1912 Waterhouse, Index Zool. 2: 98. [Listed.]

1924 Debski, Bull. Soc. Ent. Egypt 1923: 15. [Described.]

1925 Muir, Pan-Pacific Ent. 1: 101. [Listed.] :106. [Key.]

1929 Schulze, Kükenthal, and Heider, Nomenclator Animal. 2 (10): 1179. [Listed.]

politus Matsumura

1910 *Epoliarus politus* Matsumura, Jour. Coll. Sci. Tokyo Egypt¹ 27: 12; Fig. 2. [Illustrated, n. sp.]¹

1912 *Epoliarus politus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]¹

1924 *Epoliarus politus* Debski, Bull. Soc. Ent. Egypt 1923: 16. [Described.]¹

Genus **OLIARUS** Stål

Logotype *Oliarus walkeri* 1906 Distant, Fauna British India 3: 256.

Type *Oliarus walkeri* 1907 Distant, Ann. Mag. Nat. Hist. (7) 19: 280.

Pseudotype *Oliarus pallens* 1912 Oshanin, Kat. Palaeark. Hemip. :116.

Pseudotype *Oliarus pallens* 1916 Van Duzee, Check List Hemip. America :79.

Logotype *Oliarus walkeri* 1917 Van Duzee, Cat. Hemip. America :731.

Type *Oliarus walkeri* 1924 Myers, Trans. New Zealand Inst. 55: 324.

Type *Oliarus walkeri* 1925 Hesse, Ann. South African Mus. 23: 150.

Type *Cixius walkeri* 1925 Muir, Pan-Pacific Ent. 1: 103.

Type *Oliarus walkeri* 1926 Schmidt, Treubia 7: 230.

Logotype *Oliarus walkeri* 1928 Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 58.

Pseudotype *Oliarus pallens* 1929 Haupt, Zool. Jahrb. Syst. Okol. 58: 195.

Type *Oliarus walkeri* 1930 Schmidt, Wien. Ent. Zeit. 47: 116.

[*Pentastiridius* Kirschbaum]

[Haplotype *Pentastiridius pallens* 1868 Kirschbaum, Cicad. Wiesbaden :45.]

[Type *Flata pallens* 1925 Muir, Pan-Pacific Ent. 1: 103.]

[*Pentastira* Kirschbaum]

[Logotype *Pentastira major* 1925 Muir, Pan-Pacific, Ent. 1: 103.]

[*Prosops* Buckton]

[Haplotype *Prosops pedisequus* [n. sp.] 1893 Buckton, Victorian Nat. 9: 49.]

[Type *Prosops pedisequus* 1925 Muir, Pan-Pacific Ent. 1: 103.]

[*Urvillea* Kirkaldy]

[Haplotype *Urvillea melanesica* [n. sp.] 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 110.]

[Type *Urvillea melanesica* 1925 Muir, Pan-Pacific Ent. 1: 104.]

[*Adzapala* Distant]

[Haplotype *Adzapala greeni* [n. sp.] 1911 Distant, Ann. Mag. Nat. Hist. (8) 8: 739.]

[Type *Adzapala greeni* 1916 Distant, Fauna British India 6: 34.]

[Type *Adzapala greeni* 1925 Muir, Pan-Pacific Ent. 1: 99.]

- Oliarus 1862 Stål, Berliner Ent. Zeit. 6: 306. [gen. n.]
 1866 Stål, Hemip. Africana 4: 164. [Key.] :166. [Described.]
- Pentastiridius* 1868 Kirschbaum, Cicad. Wiesbaden :45. [gen. n.] :11. [Key.]
- Pentastira* 1868 Kirschbaum, Cicad. Wiesbaden :11. [Key, gen. n.] :44. [Key to species.]
- Oliarus 1869 Stål, Hemip. Fabriciana 2: 92. [Listed.]
 1870 Scott, Ent. Monthly Mag. 7: 119. [Described, key.]
 1870 Stål, Ofv. Svenska Vet. Akad. Forh. 27: 746. [Listed.]
 1871 Sahlberg, Not. Fenn. (n. s.) 9 (12): 73. [Key.] :384. [Described.]
 1872 Fieber, Kat. Europäischen Cicad. :3. [Listed.] Equals *Cixius* Auct. [in part.] Equals *Pentastira* Kb. Equals *Pentastiridius* Kb.
 1872 Fieber, Verh. Zool. Bot. Ges. Wien 22: 29. Equals *Pentastiridius* Kb. Equals *Pentastira* Kb.
 1875 Fieber, Cicad. d'Europe Pt. 1: 356 (69). [Described.]
 1875 Puton, Cat. Hémip. d'Europe 2d. E. :113. [Listed.] Equals *Pentastira* Kb. Equals *Pentastiridius* Kb.
 1876 Fieber, Cicad. d'Europe Pt. 2: 197 (187). Pl. 5 [Illustrated, key to species.] Equals *Pentastira* Kb. Equals *Pentastiridius* Kb. Equals *Cixius* Auct. [in part.] Equals *Flata* Fabr. [in part.]
 1876 Douglas and Scott, Cat. British Hemip. :65. [Listed.]
- Oliarius [sic] 1877 Glover, Rept. United States Comm. Agr. 1876: 28; Fig. 7. [Described, illustrated.]
 1879 Berg, An. Soc. Cient. Argentina 8: 184. [Listed.]
 1879 Berg, Hemip. Argentina :219. [Listed.]
- Oliarus 1880 Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 53. [Listed.]
 1881 Mayr, Ber. Natur.-Med. Ver. Innsbruck 10: 85 (9). [Listed.]

- 1882 Ferrari, Cicad. Agri. Ligustici :82 (10). [Listed.] :83 (11).
 [Key to species.] :79 (7). [Key.]
- 1882 Scudder, Nomenclator Zool. Univ. Index :217. [Listed.]
- Oliarius* [sic] 1883 Berg, An. Soc. Cient. Argentina **16**: 187. [Listed.]
- 1884 Berg, Add. Hemip. Argentina :132. [Listed.]
- Oliarius* 1884 Uhler, Standard Nat. Hist. **2**: 240. [Notes.]
- 1884 Mayr, Tabellen :17. [Key.] Equals *Pentastira* Kb. Equals *Pentastiridius* Kb.
- 1885 Ivanoff, Liste des Cigales :88. [Listed.] :97. [Key.] :109.
 [Key to species.]
- 1886 Atkinson, Jour. Asiatic Soc. Bengal **55**: 32. [Described.]
- 1886 Edwards, Syn. British Homop.-Cicadina Pt. **1**: 50; Pl. I,
 Fig. 15. [Key, described, illustrated, key to species.]
- 1886 Then, Kat. österreichischen Cicad. :11. [Listed.]
- 1886 Puton, Cat. Hémip. Faune Pal. :69. [Listed.] Equals *Pentastira* Kb. Equals *Pentastiridius* Kb.
- 1888 Dubois, Mém. Soc. Linn. Nord France **7**:154 (58). [Listed.]
- 1889 Ashmead, Ent. Amer. **5**: 25. [Key.]
- 1889 Provancher, Petite Faune Ent. Canada :222. [Described.]
 :216. [Key.]
- 1890 Buckton, Mon. British Cicadae **1**: 16. [Described, key.]
- 1890 Saunders and Edwards, Cat. British Hemip. :11. [Listed.]
- Oliarius* [sic] 1892 Spitzner, Hemip. Mährens :(26). [Listed.]
- 1892 Dominique, Bull. Soc. Sci. Nat. Ouest France **2**: 115.
 [Listed.]
- Oliarius* 1892 Coubeaux, Ann. Soc. Ent. Belgique **36**: 34 (1). [Listed.]
- 1892 Duda, Cat. Ins. Faunae Bohemicae :27. [Listed.] Equals *Pentastira* Kb. Equals *Pentastiridius* Kb.
- 1892 Osborn, Proc. Iowa Acad. Sci. **1**: 127 (13). [Listed.]
- 1893 Bezzi, Bull. Soc. Ent. Italiana **25**: 107 (27). [Listed.]
- Prosops* 1893 Buckton, Victorian Nat. **9**: 49. [gen. n.]
- Oliarius* 1894 Edwards, Hemip.-Homop. British Islands Pt. **1**: 23; Pl. 1,
 Fig. 15. [Described, key to species, illustrated, key.]
- 1894 Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 190. [Listed.]
- Oliarius* [sic] 1896 Melichar, Cicad. Mittel-Europa :29. [Described, key to
 species.] :19. [Key.]
- Oliarius* 1897 Horváth, Fauna Regni Hungariae :54. [Listed.]
- 1898 Hutton, Trans. New Zealand Inst. **30**: 185. [Key.]
- 1899 Marchal, Bull. Soc. Hist. Nat. Autun **11**: 589. [Listed.]
- 1899 Puton, Cat. Hémip. Faune Pal. :103. [Listed.] Equals *Pentastira* Kb. Equals *Pentastiridius* Kb.
- Oliarius* [sic] 1900 Strobl, Mitt. Natur. Ver. Steiermark **36**: 202. [Listed.]
- Oliarius* 1900 Matsumura, Ent. Nachr. **26**: 208 (4). [Listed.]
- Oliarius* [sic] 1900 Smith, Ins. New Jersey **2**: 89. [Listed.]
- Oliarius* 1901 Lambertie, Act. Soc. Linn. Bordeaux **56**: (86). [Listed.]
 Equals *Pentastira* Kb. Equals *Pentastiridius* Kb.
- Oliarius* [sic] 1902 Cobelli, Cicadine Trentino :8. [Listed.]

Oliarus

- Oliarus* 1902 Kirkaldy, Fauna Hawaiiensis 3: 119. [Described.] Equals *Oliarius* [sic] Mel. :118. [Key.] :120. [Key to Hawaiian species.] :99. [Listed.]
- Oliarus* 1902 Dominique, Bull. Soc. Sci. Nat. Ouest France (2) 2: 221. [Listed.]
- Oliarus* 1903 Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 59. [Listed.]
- 1903 Melichar, Homop.-Fauna Ceylon :30. [Described.] Equals *Triopsis* Sign. [in part.] :223. [Listed.]
- 1904 Lambertie, Act. Soc. Linn. Bordeaux 59: XXX (14). [Listed.]
- 1904 Hutton, Index Faunae Novae Zealandiae :225. [Listed.]
- 1904 Wirtner, Ann. Carnegie Mus. 3: 215. [Listed.]
- 1904 Hueber, Syst. Verz. deutschen Zikadinen :268. [Listed.] Equals *Pentastira* Kb. Equals *Pentastiridius* Kb.
- 1904 Swezey, Prelim. Cat. Fulgoridae North America :29. [Listed.]
- 1904 Fowler, Biologia Centrali-Americana 1: 92. [Notes.] :80. [Key.]
- 1906 Matsumura, Schr. Nat. Ges. Danzig 11: 75. [Listed.]
- 1906 Distant, Fauna British India 3: 256. [Described.] Equals *Triopsis* Sign. [in part.] :255. [Key.]
- 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 1: 396. [Key.] :397. [Key to species.]
- 1907 Distant, Ann. Mag. Nat. Hist. (7) 19: 280. [Listed.]
- 1907 Distant, Ins. Transvaaliensia 8: 192. [Notes.] Equals *Triopsis* Sign. [in part.]
- 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 4: 62. [Listed.]
- Oliarius* [sic] 1907 Oshanin, Verz. Palaeark. Hemip. 2: 235. [Listed.] Equals *Pentastira* Kb. Equals *Pentastiridius* Kb.
- Oliarus* 1907 Kirkaldy, Entomologist 40: 226. [Ecology.]
- 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 107. [Key to species.] :106. [Key.]
- Urvillea* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 110. [gen. n.] :106. [Key.] :12. [Listed.]
- Oliarus* 1908 Saunders and Edwards, Cat. of British Hemip. :14. [Listed.]
- 1908 Van Duzee, Proc. Acad. Nat. Sci. Philadelphia 1907: 485. [Notes, key to species.] :484. [Key.]
- 1908 Horváth, Ann. Mus. Nat. Hungarici 6: 9. [Listed.]
- Oliarius* [sic] 1908 Bierman, Notes Leyden Mus. Jentink 29: 152. [Listed.]
- Oliarus* 1909 Kirkaldy, Trans. New Zealand Inst. 41: 29. [Listed.]
- Oliarus* 1909 Lefroy, Indian Insect Life :725. [Notes.]
- 1909 Kirkaldy, Proc. Hawaiian Ent. Soc. 2: 75. [Key.] :76. [Notes.] :77. [Key to Hawaiian species.]
- 1910 Lambertie, Misc. Ent. 18: 89. [Listed.] Equals *Pentastira* Kb. Equals *Pentastiridius* Kb.
- 1910 Smith, Rept. Ins. New Jersey :95. [Listed.]

- Oliarius* [sic] 1910 Bierman, Notes Leyden Mus. Jentink **33**: 16. [Listed.]
 1910 Oshanin, Ann. Mus. Zool. St. Petersburg **15**: 181. Equals
Triopsis Sign.
- Adzapala* 1911 Distant, Ann. Mag. Nat. Hist. (8) **8**: 739. [gen. n.]
Urvillea 1912 Waterhouse, Index Zool. **2**: 314. [Listed.]
- Oliarus* 1912 Oshanin, Kat. Palaeark. Hemip. :116. [Listed.] Equals
Pentastira Kb. Equals *Pentastiridius* Kb. Equals *Oliarius*
 [sic] Mel.
- Oliarius* [sic] 1913 Dalla Torre, Ent. Jahrb. **22**: 149. [Listed.]
 1913 Melichar, Faune Walouyki Russie **7**: 5. [Listed.]
- Oliarus* 1913 Kershaw, Psyche **20**: 185; Pl. V, Fig. 6. [Anatomy, ali-
 mentary canal, illustrated.]
 1914 Matsumura, Annot. Zool. Japonenses **8**: 418. [Listed.]
 1915 Schumacher, Homop.-Fauna Insel Formosa :114. [Listed.]
 1915 Jensen-Haarup, Kobenhavn Flora og Fauna **1915**: 85. [Key.]
 :88. [Described.]
- Oliarius* [sic] 1915 Jacobsen, Ent. Medd. **10**: 318. [Listed.]
- Oliarus* 1915 Schumacher, Suppl. Ent. **4**: 131. [Listed.]
 1916 Oshanin, Horae Soc. Ent. Rossicae **42**: 87. [Bibliography.]
 1916 Distant, Fauna British India **6**: 29. [Listed.]
 1916 Van Duzee, Check List Hemip. America :79. [Listed.]
 Equals *Pentastira* Kb. Equals *Pentastiridius* Kb.
- Adzapala* 1916 Distant, Fauna British India **6**: 34. [Described.]
- Oliarus* 1917 Heidemann and Osborn, Ann. Carnegie Mus. **11**: 348.
 [Listed.]
 1917 Van Duzee, Cat. Hemip. America :731. [Listed.] Equals
Oliarius [sic] Mel. Equals *Pentastira* Kb. Equals *Pentasti-*
ridius Kb.
 1920 Britton, Check-list Ins. Connecticut :46. [Listed.]
 1920 Tullgren and Wahlgren, Svenska Insekter :150. [Listed.]
 1920 Spooner, Ent. News **31**: 46. [Ecology.]
 1920 Jensen-Haarup, Danmarks Fauna :18. [Key.] :24. [De-
 scribed.]
 1922 Muir, Rec. Indian Mus. **24**: 343. [Notes.]
 1922 Kershaw and Muir, Ann. Ent. Soc. America **15**: 209.
 [Genitalia.]
 1923 Metcalf, Jour. Elisha Mitchell Soc. **38**: 160. [Key.]
 1923 Van Duzee, Fulgoridae Hemip. Connecticut :32. [Described,
 key to species, key.]
 1924 Lindberg, Acta Soc. Fauna Flora Fenn. **56**: 45. [Listed.]
 1924 Muir, Philippine Jour. Sci. **24**: 509. [Described.] Equals
Urvillea Kirk.
 1924 Myers, Trans. New Zealand Inst. **55**: 324. [Notes.] :317.
 [Key.]
 1925 Giffard, Proc. Hawaiian Ent. Soc. **6**: 51. (1). [Key.] 61 (11).
 [Key to Hawaiian species.]
 1925 Handlirsch, Schroder's Handb. Ent. **3** (9): 1107. [Listed.]

Oliarus

- 1925 Hesse, Ann. South African Mus. **23**: 150. [Listed.] Equals *Triopsis* Sign. [in part.]
- Adzapala* 1925 Muir, Pan-Pacific Ent. **1**: 99. [Synonym of *Oliarus* Stål.]
- Oliarius* [sic] 1925 Kupka, Mitt. Munch. Ent. Ges. **15**: 111. [Listed.]
- Urvillea* 1925 Muir, Pan-Pacific Ent. **1**: 104. [Synonym of *Oliarus* Stål.]
- Oliarus* 1925 Muir, Pan-Pacific Ent. **1**: 161. [Notes.] :106. [Key.] :103. [Listed.] Equals *Pentastira* Kb. Equals *Pentastiridius* Kb. Equals *Prosops* Buckt. Equals *Adzapala* Dist. Equals *Urvillia* [sic] Kirk.
- Prosops* 1925 Muir, Pan-Pacific Ent. **1**: 160. [Notes.] To *Oliarus* Stål.
- Adzapala* 1926 Schulze, Kükenthal and Heider, Nomenclator Animal. **1** (1): 60. [Listed.]
- Oliarus* 1926 Gowdey, Bull. Dept. Agr. Jamaica Ent. **4**: 40. [Listed.]
- 1926 Muir, Jour. Malayan Branch Roy. Asiatic Soc. **4**: 396. [Listed.]
- 1926 Schmidt, Treubia **7**: 230. [Listed.]
- Oliarius* [sic] 1926 Rémy-Perrier, Homop. Faune France :90; Figs. OP 1-2. [Illustrated.] [Key.] :91. [Key to species.]
- Oliarus* 1927 Muir, Fulgoroidea of Samoa :7. [Listed.]
- 1927 Tillyard, Ins. Australia and New Zealand :166. [Listed.]
- Oliarius* [sic] 1927 Poisson and Poisson, Bull. Soc. Linn. Normandie (7) **9**: 141. [Listed.]
- Oliarus* 1928 Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 57. [Key to species, described.] :55. [Key.]
- Oliarius* [sic] 1928 Ivanov, Rev. Russe d'Ent. **22**: 55. [Genitalia, described.]
- Oliarus* 1928 Metcalf, Mem. Cornell Uni. Agr. Exp. Sta. **101**: 177. [Listed.]
- 1929 Haupt, Zool. Jahrb. Syst. Okol. **58**: 195. [Key.]
- 1929 Knowlton, Florida Ent. **13**: 50. [Listed.]
- 1929 Swezey, Jour. Econ. Ent. **22**: 856. [Note.]
- 1930 Schmidt, Wien. Ent. Zeit. **47**: 116. [Listed.]
- 1932 Brues and Melander, Class. Ins. :120. [Listed.]

a Giffard var. of *inaequalis*. See *Oliarus inaequalis* var. *konana* Metcalf.

a Giffard var. of *instabilis*. See *Oliarus instabilis* var. *bryani* Metcalf.

a Giffard var. of *kanakanus*. See *Oliarus kanakanus* var. *punaensis* Metcalf.

a Giffard var. of *kaohinani*. See *Oliarus kaohinani* var. *perkinsi* Metcalf.

a Giffard var. of *neomorai*. See *Oliarus neomorai* var. *oahuana* Metcalf.

a Giffard var. of *olympus*. See *Oliarus olympus* var. *paliensis* Metcalf.

a Giffard var. of *pele*. See *Oliarus pele* var. *alpha* Metcalf.

a Giffard var. of *similis*. See *Oliarus similis* var. *lanaiana* Metcalf.

a Kirkaldy var. of *tarai*. See *Oliarus tarai* var. *hawaiiensis* Metcalf.

a Giffard var. of *tarai*. See *Oliarus tarai* var. *kohalana* Metcalf.

acaciae Kirkaldy

- 1909 *Oliarus acaciae* Kirkaldy, Proc. Hawaiian Ent. Soc. **2**: Hawaii¹
78. [n. sp.]¹

- 1925 *Oliarus acaciae* Giffard, Proc. Hawaiian Ent. Soc. 6: 129 (79); Pl. I, Fig. 9; Pl. II, Fig. 14. [Described, illustrated.]¹ :65 (15). [Key.]

acuminatus Muir

- 1924 *Oliarus acuminatus* Muir, Philippine Jour. Sci. 24: 524; Larat Island¹
Pl. 2, Figs. 17a-b. [n. sp., illustrated.]¹⁻² Timor Laut²

acuticeps Jacobi

- 1917 *Oliarus acuticeps* Jacobi, Reise in Ostafrika 3: 528; Pl. Madagascar¹
32, Figs. 3, 3a. [n. sp., illustrated.]¹

adustus Fieber

- 1872 *Oliarus adustus* Fieber, Kat. Europäischen Cicad. :3. Russia¹
[Listed.]¹ [nom. nud.] South
1875 *Oliarus adustus* Puton, Cat. Hémip. d'Europe 2 Ed.: Russia²
113. [Listed.]¹ [nom. nud.] Algeria³
1876 *Oliarus adustus* Fieber, Cicad. d'Europe Pt. 2: 198
(188). [n. sp.]²
1886 *Oliarus adustus* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]¹
1899 *Oliarus adustus* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]¹
1900 *Oliarus adustus* Fokker, Tijdschr. Ent. 42: 25. [Listed.]³
1907 *Oliarius* [sic] *adustus* Oshanin, Verz. Palaeark. Hemip. 2: 236. [Listed.]^{1,3}
1912 *Oliarus adustus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]^{2,3}

agnatus Giffard

- 1925 *Oliarus agnatus* Giffard, Proc. Hawaiian Ent. Soc. 6: Hawaiian I.¹
134 (84); Pl. VI, Figs. 107, 108; Pl. VIII, Fig. 139. [n.
sp., illustrated.]¹ :65 (15). [Key.]

albatus Giffard

- 1925 *Oliarus albatus* Giffard, Proc. Hawaiian Ent. Soc. 6: 135 Hawaiian I.¹
(85); Pl. VI, Figs. 104, 105. [Illustrated, n. sp.]¹ :65 (15).
[Key.]

albomaculata Muir

- 1924 *Oliarus albomaculata* Muir, Philippine Jour. Sci. 24: 524. Luzon¹
[n. sp.]¹ (Philippine I)

alexanor Kirkaldy

- 1906 *Oliarus alexanor* Kirkaldy, Bull. Hawaiian Sugar Pl. Queensland¹
Assoc. 1: 399. [n. sp.]¹ :398. [Key.]
1907 *Oliarus alexanor* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 108. [Key.]
1928 *Oliarus alexanor* Jacobi, Mjoberg's Exp. Australia :33. [Notes.]¹

angusticeps Horváth

- 1892 *Oliarus angusticeps* Horváth, Term. Fuzetek 15: 137. Japan¹
[n. sp.]¹

Oliarus

- 1898 *Oliarus angusticeps* Horváth, Szechenyi Reise in Ost-Asien :555.
 1900 *Oliarus angusticeps* Matsumura, Ent. Nachr. **26**: 208 (4). [Listed.]¹
 1905 *Oliarus angusticeps* Matsumura, 1000 Ins. Japan **2**: 63; Pl. 21, Fig. 16.
 [Notes, illustrated.]¹
 1907 *Oliarius* [sic] *angusticeps* Oshanin, Verz. Palaeark. Hemip. **2**: 238.
 [Listed.]¹
 1912 *Oliarus angusticeps* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]¹
 1914 *Oliarus angusticeps* Matsumura, Annot. Zool. Japonenses **8**: 429. [Listed.]
 Equals *Oliarus anguceps* [sic] Horv.
 1931 *Oliarus angusticeps* Matsumura, 6000 Ill. Ins. Japan Empire :1270.
 [Described, illustrated.]¹

angusticeps Muir [nec Horváth]. See *Oliarus siporiensis* Metcalf.

angustulus Horváth. See *Hyaletthes angustulus* Horváth.

annandalei Distant

- 1911 *Oliarus annandalei* Distant, Ann. Mag. Nat. Hist. (8) Lower Bengal¹
8: 736. [n. sp.]¹
 1916 *Oliarus annandalei* Distant, Fauna British India **6**: 30; (India)
 Fig. 15. [Described, illustrated.]¹

apicalis Uhler

- 1896 *Myndus apicalis* Uhler, Proc. United States Nat. Mus. Japan¹
19: 281. [n. sp.]¹
 1900 *Oliarus apicalis* Matsumura, Ent. Nachr. **26**: 208 (4). [Listed.]¹ Equals
Myndus apicalis Uhl.
 1903 *Myndus apicalis* Henshaw, Psyche **10**: 228. [Listed.]¹
 1907 *Oliarius* [sic] *apicalis* Oshanin, Verz. Palaeark. Hemip. **2**: 240. [Listed.]¹
 Equals *Myndus apicalis* Uhl.
 1907 *Oliarus apicalis* Matsumura, Annot. Zool. Japonenses **6**: 89. [Listed.]¹
 1912 *Oliarus apicalis* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]¹
 1914 *Oliarus apicalis* Matsumura, Annot. Zool. Japonenses **8**: 421. [Listed.]¹
 Equals *Mindus* [sic] *apicalis* Uhl.
 1930 *Oliarus apicalis* Esaki and Hashimoto, Publ. Kyushu Imp. Univ. Ent.
 Lab. **1**: 4. [Listed.]
 1931 *Oliarus apicalis* Matsumura, 6000 Ill. Ins. Japan Empire :1270. [De-
 scribed, illustrated.]¹
 1931 *Oliarus apicalis* Esaki and Hashimoto, Publ. Kyushu Imp. Univ. Ent.
 Lab. **2**: 4. [Listed.]
 1932 *Oliarus apicalis* Esaki, Short course Lectures, Leafhoppers :6. [Listed.]
 1932 *Oliarus apicalis* Esaki, Iconographia Insectorum Japonicorum :1777.
 [Described, illustrated.]¹
 1933 *Oliarus apicalis* Kato, Illustrated Insects of Japan **4**: Pl. 11, Fig. 11.
 [Illustrated.]¹

apiculatus Fieber

- 1872 *Oliarus apiculatus* Fieber, Kat. Europäischen Cicad. :3. South Europe¹
 [Listed.] [nom. nud.]¹

- 1875 *Oliarus apiculatus* Puton, Cat. Hémip. d'Europe 2. E. Hungary²
:114. [Listed.] [nom. nud.]¹ Serbia³
- 1876 *Oliarus apiculatus* Fieber, Cicad. d'Europe Pt. 2: 216 France⁴
(206). [n. sp.]¹ Caucasus⁵
- 1886 *Oliarus apiculatus* Puton, Cat. Hémip. Faune Pal. :70.
[Listed.]¹
- 1897 *Oliarus apiculatus* Horváth, Fauna Regni Hungariae :55. [Listed.]²
- 1899 *Oliarus apiculatus* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]¹
- 1901 *Oliarus apiculatus* Lambertie, Act. Soc. Linn. Bordeaux 56: (87).
[Listed.]⁴
- 1903 *Oliarus apiculatus* Horváth, Ann. Mus. Nat. Hungarici 1: 27. [Listed.]³
- 1907 *Oliarius* [sic] *apiculatus* Oshanin, Verz. Palaeark. Hemip. 2: 240.
[Listed.]^{1,2}
- 1910 *Oliarus apiculatus* Lambertie, Misc. Ent. 18: 90. [Listed.]⁴
- 1912 *Oliarus apiculatus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]^{1,2}
- 1914 *Oliarus apiculatus* Melichar, Mitt. Kaukasischen Mus. 8: 133 (7).
[Listed.]⁵

aridus Ball

- 1902 *Oliarus aridus* Ball, Canadian Ent. 34: 151. [n. sp.]^{1,2,3} Kansas¹
- 1904 *Oliarus breviceps* Fowler, Biologia Centrali-Americana California²
1: 94; Pl. X, Figs. 19, 19a. [Illustrated, n. sp.]⁴ Colorado³
- 1904 *Oliarus aridus* Swezey, Prelim. Cat. Fulgoridae North New Mexico⁴
America :30. [Listed.]^{1,3,2} Western States⁵
- 1908 *Oliarus aridus* Van Duzee, Proc. Acad. Nat. Sci. Phila-
delphia 1907: 485. [Key.] :486. [Notes.]³ Mexico⁶
- 1916 *Oliarus aridus* Van Duzee, Check List Hemip. America
:79. [Listed.]⁵ Equals *Oliarus breviceps* Fowl.
- 1917 *Oliarus aridus* Van Duzee, Cat. Hemip. America :732. [Listed.]^{1,3,2,6}
Equals *Oliarus breviceps* Fowl.
- 1923 *Oliarus aridus* Metcalf, Jour. Elisha Mitchell Soc. 38: 160; Figs. 273, 570.
[Key, illustrated.]
- 1928 *Oliarus aridus* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 58.
[Key.]

artemisiae Matsumura

- 1914 *Oliarus artemisiae* Matsumura, Annot. Zool. Japonenses Hokkaido⁴
8: 428. [n. sp.]¹ (Japan)

artemisiae Becker [nom. nud.]. See *Oliarus quinquecostatus* Dufour.

asaica Kirkaldy

- 1906 *Oliarus asaica* Kirkaldy, Bull. Hawaiian Sugar Pl. As-
soc. 1: 399. [n. sp.]¹ :397. [Key.] New South
Wales¹
- 1907 *Oliarus asaica* Kirkaldy, Science (n. s.) 26: 397. [Key,
n. sp.] New South
Wales¹
- 1907 *Oliarus asaica* Kirkaldy, Bull. Hawaiian Sugar Pl.
Assoc. 3: 108. [Key.]

Oliarus

1927 *Oliarus asaicus* Tillyard, Ins. Australia and New Zealand :166. [Living in ant's nest.]¹

atkinsae Myers

1928 *Oliarus atkinsae* Myers, Studies on Cuban Insects :14; Cuba¹
Figs. 2, 3. [n. sp., illustrated.]¹

atkinsoni Myers

1924 *Oliarus atkinsoni* Myers, Trans. New Zealand Inst. 55: New Zealand¹
325; Pl. 24, Figs. 1, 2. [Illustrated, n. sp.]¹

b Giffard var. of *inaequalis*. See *Oliarus inaequalis* var. *koebelei* Metcalf.

b Giffard var. of *instabilis*. See *Oliarus instabilis* var. *crawi* Metcalf.

b Giffard var. of *pele*. See *Oliarus pele* var. *beta* Metcalf.

b Giffard var. of *similis*. See *Oliarus similis* var. *molokaiana* Metcalf.

bakeri Muir

1924 *Oliarus bakeri* Muir, Philippine Jour. Sci. 24: 522. [n. Borneo¹
sp.]¹

bantuanus Distant

1907 *Oliarus bantuanus* Distant, Ins. Transvaaliensia 8: 193; Transvaal¹
Fig. 33. [Illustrated, n. sp.]^{1,2,3} Natal²
Mashonaland³

basalis Melichar (var.). See *Oliarus frontalis* var. *basalis* Melichar.

bilineatus Muir

1924 *Oliarus bilineatus* Muir, Philippine Jour. Sci. 24: 523; Larat Island¹
Pl. 2, Figs. 16a, 16b. [Illustrated, n. sp.]^{1,2} Timor Laut²

bimaculatus Schmidt

1930 *Oliarus bimaculatus* Schmidt, Wien. Ent. Zeit. 47: 116. Java¹
[n. sp.]¹

binghami Distant

1911 *Oliarus binghami* Distant, Ann. Mag. Nat. Hist. (8) 8: India¹
738. [n. sp.]¹

1916 *Oliarus binghami* Distant, Fauna British India 6: 33. [Described.]¹

bizonatus Kato

1932 *Oliarus bizonatus* Kato, Kontyu 5: 228. [n. sp.]¹ Manchuria¹

1933 *Oliarus bizonatus* Kato, Ent. World 1: 18. [Listed.]¹

bohemani Stål

1859 *Cixius bohemani* Stål, Freg. Eugenes Resa :272. [n. sp.]¹ China¹

1862 *Oliarus bohemani* Stål, Berliner Ent. Zeit. 6: 306. Equals
Cixius bohemani Stål.

- 1886 *Oliarus bohemani* Atkinson, Jour. Asiatic Soc. Bengal **55**: 33. [Described.]¹
 Equals *Cixius bohemani* Stål.

boninensis Matsumura

- 1914 *Oliarus boninensis* Matsumura, Annot. Zool. Japonenses Bonin Island¹
8: 423. [n. sp.]¹ (Japan)
 1930 *Oliarus boninensis* Esaki, Bull. Biogeo. Soc. Japan **1**:
 212. [Listed.]¹

borneensis Muir

- 1924 *Oliarus borneensis* Muir, Philippine Jour. Sci. **24**: 525; Borneo¹
 Pl. 2, Fig. 18. [Illustrated, n. sp.]¹

bouakeanus Kirkaldy

- 1906 *Oliarus bouakeanus* Kirkaldy, Canadian Ent. **38**: 155. Ivory Coast¹
 [n. sp.]¹

brachycephalus Distant

- 1907 *Oliarus brachycephalus* Distant, Ins. Transvaaliensia **8**: Transvaal¹
 193; Fig. 34. [Illustrated, n. sp.]¹

brachycephalus Haupt. See *Oliarus haupti* Metcalf.

breviceps Fowler. See *Oliarus aridus* Ball.

brevilinea Matsumura

- 1910 *Oliarus brevilinea* Matsumura, Jour. Coll. Sci. Tokyo Italy¹
27: 2. [n. sp.]¹
 1912 *Oliarus brevilinea* Oshanin, Kat. Palaeark. Hemip. :116. South
 [Listed.]² Hungary²

brunnifrons Muir

- 1924 *Oliarus brunnifrons* Muir, Philippine Jour. Sci. **24**: 520. Singapore¹
 [n. sp.]¹

buruanus Schmidt

- 1926 *Oliarus buruanus* Schmidt, Treubia **7**: 230. [n. sp.]¹ Buru¹
 (East Indies)

c Giffard var. of *inaequalis*. See *Oliarus inaequalis* var. *kohala* Metcalf.

c Giffard var. of *instabilis*. See *Oliarus instabilis* var. *erhorni* Metcalf.

c Giffard var. of *similis*. See *Oliarus similis* var. *maniana* Metcalf.

caffer Stål

- 1855 *Cixius caffer* Stål, Ofv. Svenska Vet. Akad. Forh. **12**: 92. Natal¹
 [n. sp.]¹ Cape
 1858 *Cixius caffer* Walker, List Homop. British Mus. Add. Province²
 :322. [Listed.]¹
 1859 *Cixius caffer* Dohrn, Cat. Hemip. :60. [Listed.]²

Oliarus

- 1862 *Oliarus caffer* Stål, Berliner Ent. Zeit. **6**: 306. Equals *Cixius caffer* Stål.
 1866 *Oliarus caffer* Stål, Hemip. Africana **4**: 168. [Described.]² Equals *Cixius caffer* Stål.

californicus Van Duzee

- 1914 *Oliarus californicus* Van Duzee, Trans. San Diego Soc. California¹
 Nat. Hist. **2**: 36. [n. sp.]¹ Pacific
 1916 *Oliarus californicus* Van Duzee, Check List Hemip. States²
 America :79. [Listed.]²
 1917 *Oliarus californicus* Van Duzee, Cat. Hemip. America :733. [Listed.]¹

caudatus Walker

- 1858 *Cixius caudatus* Walker, Insecta Saundersiana :43. North
 [n. sp.]¹ Hindustan¹
 1886 *Cixius* (?) *caudatus* Atkinson, Jour. Asiatic Soc. Bengal India²
55: 32. [Described.]²
 1906 *Oliarus caudatus* Distant, Fauna British India **3**: 258; Fig. 114. [De-
 scribed, illustrated.]¹ Equals *Cixius caudatus* Walk.

chiriquensis Fowler

- 1904 *Oliarus chiriquensis* Fowler, Biologia Centrali-Ameri- Panama¹
 cana **1**: 94; Pl. X, Figs. 20, 20a. [Illustrated, n. sp.]¹

cinereus Wolcott

- 1921 *Oliarus cinereus* Wolcott, Jour. Dept. Agr. Porto Rico Porto Rico¹
5: 18, Fig. 4. [Illustrated, n. sp.]¹
 1923 *Oliarus cinereus* Wolcott, Jour. Dept. Agr. Porto Rico **7**: 271. [Notes.]¹
 1926 *Oliarus cinereus* Myers, Contr. Harvard Inst. Trop. Biol. and Med. **3**: 86.
 [Notes.]

cinnamomeus Provancher

- 1889 *Oliarus cinnamomeus* Provancher, Petite Faune Ent. Vancouver¹
 Canada :223. [n. sp.]¹ New
 1904 *Oliarus cinnamomeus* Swezey, Prelim. Cat. Fulgoridae Hampshire²
 North America :30. [Listed.]¹ Connecticut³
 1908 *Oliarus cinnamomeus* Van Duzee, Proc. Acad. Nat. Sci. Eastern
 Philadelphia **1907**: 485. [Key.] :488. [Notes.]^{1,2,3} States⁴
 1912 *Oliarus cinnamomeus* Van Duzee, Canadian Ent. **44**: Massa-
 325. [Listed.] chusetts⁵
 1916 *Oliarus cinnamomeus* Van Duzee, Check List Hemip. New York⁶
 America :79. [Listed.]⁴ British
 1917 *Oliarus cinnamomeus* Van Duzee, Cat. Hemip. America Columbia⁷
 :733. [Listed.]^{1,2,5,6}
 1920 *Oliarus cinnamomeus* Britton, Check-list Ins. Connecticut :46. [Listed.]³
 1923 *Oliarus cinnamomeus* Metcalf, Jour. Elisha Mitchell Soc. **38**: 160; Figs.
 75, 267, 564. [Key, illustrated.]
 1923 *Oliarus cinnamomeus* Van Duzee, Fulgoridae Hemip. Connecticut :33.
 [Described.]³ :32. [Key.]

- 1927 *Oliarus cinnamomeus* Downes, Proc. Ent. Soc. British Columbia **23**: 21. [Listed.]⁷
 1928 *Oliarus cinnamomeus* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 58. [Key.]
 1928 *Oliarus cinnamomeus* Metcalf, Mem. Cornell Uni. Agr. Exp. Sta. **101**: 177. [Listed.]⁶

clipealis Jacobi

- 1928 *Oliarus clipealis* Jacobi, Mjoberg's Exp. Australia :33; W. Australia¹
 Figs. 20a, b. [Illustrated, n. sp.]¹

cocosivora Muir

- 1929 *Oliarus cocosivora* Muir, Bull. Ent. Res. **20**: 409; Fig. 1. Malaya¹
 [n. sp., illustrated.]¹

complectus Ball. See *Oliarus franciscanus* Stål.

concinnulus Fowler

- 1904 *Oliarus concinnulus* Fowler, Biologia Centrali-Americana **1**: 92; Pl. X, Figs. 15, 15a, 15b. [Illustrated, n. sp.]¹ Mexico¹

concolor Fieber

- 1872 *Oliarus concolor* Fieber, Kat. Europäischen Cicad. :3. Greece¹
 [Listed.] [nom. nud.]¹ Tunis²
 1875 *Oliarus concolor* Puton, Cat. Hémipt. d'Europe 2d. E.: Algeria³
 113. [Listed.] [nom. nud.]¹ Caucasus⁴
 1876 *Oliarus concolor* Fieber, Cicad. d'Europe Pt. 2: 209 Turkestan⁵
 (199). [n. sp.]¹
 1886 *Oliarus concolor* Puton, Hemip. Tunisie :9. [Listed.]²
 1886 *Oliarus concolor* Puton, Cat. Hémipt. Faune Pal. :69. [Listed.]^{1,2}
 1889 *Oliarus concolor* Lethierry, Rev. Ent. **8**: 315. [Listed.]³
 1899 *Oliarius* [sic] *concolor* Melichar, Wien. Ent. Zeit. **18**: 178. [Listed.]²
 1899 *Oliarus concolor* Puton, Cat. Hémipt. Faune Pal. :103. [Listed.]^{1,4}
 1907 *Oliarius* [sic] *concolor* Oshanin, Verz. Palaeark. Hemip. **2**: 238. [Listed.]^{1,4}
 1908 *Oliarius* [sic] *concolor* Oshanin, Verz. Palaeark. Hemip. **3**: 445. [Listed.]³
 1912 *Oliarus concolor* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]^{1,3,4}
 1913 *Oliarus concolor* Melichar, Mitt. Kaukasischen Mus. **7**: 13. [Listed.]⁴
 1914 *Oliarus concolor* Melichar, Mitt. Kaukasischen Mus. **8**: 133 (7). [Listed.]⁴
 1929 *Oliarus concolor* Kusnezov, Zool. Anz. **79**: 328. [Listed.]⁵
 1929 *Oliarus concolor* Kusnezov, Aufz. Kaschkarov Ges. Homop. :30. [Notes.]

consimilis Giffard

- 1925 *Oliarus consimilis* Giffard, Proc. Hawaiian Ent. Soc. **6**: Hawaiian
 123 (73); Pl. VII, Figs. 123-124. [Illustrated, n. sp.]¹ Islands¹
 :64 (14). [Key.]

convergens Melichar

- 1902 *Oliarius* [sic] *convergens* Melichar, Ann. Mus. St. Petersburg **7**: 87 (12). [n. sp.]¹ Persia¹

Oliarius

1907 *Oliarius* [sic] *convergens* Oshanin, Verz. Palaeark. Hemip. 2: 237. [Listed.]¹

1912 *Oliarius convergens* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]¹

cucullatus Noualhier. See *Oecleus cucullatus* Noualhier.

cuspidatus. Typographical error for *Oliarius cuspidatus* Fieber.

cuspidatus Fieber

- 1872 *Oliarius cuspidatus* Fieber, Kat. Europäischen Cicad. :3. Europe¹
[Listed.]¹ [nom. nud.] France²
- 1875 *Oliarius cuspidatus* Puton, Cat. Hémip. d'Europe 2 Ed. Italy³
114. [Listed.]¹ [nom. nud.] Austria⁴
- 1876 *Oliarius cuspidatus* Fieber, Cicad. d'Europe Pt. 2: 215 Turkey⁵
(205). [n. sp.]¹ Germany⁶
- 1880 *Oliarius cuspidatus* Reiber and Puton, Bull. Soc. Hist. Serbia⁷
Nat. Colmar 21: 153. [Listed.]² Spain⁸
- 1880 *Oliarius cuspidatus* Chicote, An. Soc. Española 9: 200 Czecho-
(16). [Listed.]^{8,19} slovakia⁹
- 1882 *Oliarius cuspidatus* Ferrari, Cicad. Agri Ligustici :83 Hungary¹⁰
(11). [Key, listed.]³ South
- 1884 *Oliarius cuspidatus* Mayr, Tabellen :17. [Listed.]^{1,2,4} Europe¹¹
- 1885 *Oliarius cuspidatus* Ferrari, Bull. Soc. Ent. Italiana 17: Caucasus¹²
271. [Listed.]³ Turcomania¹³
- 1886 *Oliarius cuspidatus* Puton, Cat. Hémip. Faune Pal. :70. Transcaspian¹⁴
[Listed.]¹ Albania¹⁵
- 1886 *Oliarius cuspidatus* Then, Kat. österreichischen Cicad. Turkestan¹⁶
:11. [Listed.]^{1,4,9} Crimea¹⁷
- 1892 *Oliarius cuspidatus* Ferrari, Ann. Mus. Genova (2) 12: Belgium¹⁸
568 (20). [Listed.]³ Portugal¹⁹
- 1892 *Oliarius cuspidatus* Coubeaux, Ann. Soc. Ent. Belgique
36: 34 (1). [Listed.]¹⁸
- 1896 *Oliarius* [sic] *cuspidatus* Melichar, Cicad. Mittel-Europa :33. [De-
scribed.]^{1,4} :30. [Key.]
- 1897 *Oliarius cuspidatus* Horváth, Fauna Regni Hungariae :55. [Listed.]¹⁰
- 1899 *Oliarius cuspidatus* Puton, Cat. Hémip. Faune Pal. :104. [Listed.]¹
- 1900 *Oliarius* [sic] *cuspidatus* Strobl, Mitt. Natur. Ver. Steiermark 36: 202.
[Listed.]⁴
- 1901 *Oliarius cuspidatus* Lambertie, Act. Soc. Linn. Bordeaux 56: (86).
[Listed.]²
- 1903 *Oliarius cuspidatus* Horváth, Ann. Mus. Nat. Hungarici 1: 27. [Listed.]⁷
- 1903 *Oliarius cuspidatus* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 59.
[Listed.]⁴
- 1903 *Oliarius cuspidatus* Lambertie, Act. Soc. Linn. Bordeaux 58: (2). [Listed.]²
- 1904 *Oliarius cuspidatus* Hueber, Syst. Verz. deutschen Zikadinen :268.
[Listed.]⁶
- 1906 *Oliarius* [sic] *cuspidatus* Schugurov, Zool. Anz. 30: 712. [Listed.]¹⁷
- 1907 *Oliarius* [sic] *cuspidatus* Oshanin, Verz. Palaeark. Hemip. 2: 239.
[Listed.]^{2,3,4,5,8,10,12,13}
- 1910 *Oliarius cuspidatus* Lambertie, Misc. Ent. 18: 90. [Listed.]²

- 1912 *Oliarus cuspidatus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]^{11,12,14}
 1912 *Oliarius* [sic] *cuspidatus* Sabrinsky, Mitt. Natur. Ver. Steiermark **48**: 316. [Listed.]¹
 1913 *Oliarius* [sic] *cuspidatus* Dalla Torre, Ent. Jahrb. **22**: 149. [Listed.]⁴
 1916 *Oliarus cuspidatus* Horváth, Ann. Mus. Nat. Hungarici **14**: 15. [Listed.]¹⁵
 1925 *Oliarus cuspidatus* Della Beffa, Boll. Soc. Ent. Italiana **57**: 146. [Listed.]³
 1929 *Oliarus cuspidatus* Kusnezov, Zool. Anz. **79**: 328. [Listed.]¹⁶
 1929 *Oliarus* [sic] *cuspidatus* Kusnezov, Aufz. Kaschkarov Ges. Homop. :31. [Notes.]
 1929 *Oliarus cuspidatus* [sic] Lallemand, Mem. Est. Mus. Zool. Univ. Coimbra **1929**: 6. [Listed.]¹⁹
 1930 *Oliarus cuspidatus* de Seabra, Arq. Sec. Biol. e Par. **1** (4): 349. [Notes.]¹⁹
 1930 *Oliarus cuspidatus* de Seabra, Arq. Sec. Biol. e Par. **1** (3): 255. [Notes.]¹⁹

d Giffard var. of *instabilis*. See *Oliarus instabilis* var. *osborni* Metcalf.

difficilis Van Duzee

- 1912 *Oliarus difficilis* Van Duzee, Bull. Buffalo Soc. Nat. Sci. Florida¹
10: 494. [n. sp.]¹ Southern
 1914 *Oliarus difficilis* Barber, Bull. American Mus. Nat. Hist. States²
33: 527. [Listed.]¹
 1916 *Oliarus difficilis* Van Duzee, Check List. Hemip. America :79. [Listed.]²
 1917 *Oliarus difficilis* Van Duzee, Cat. Hemip. America :733. [Listed.]¹
 1921 *Oliarus difficilis* Osborn, Florida Ent. **5**: 15. [Listed.]¹
 1923 *Oliarus difficilis* Metcalf, Jour. Elisha Mitchell Soc. **38**: 160; Figs. 271, 568. [Key, illustrated.]
 1928 *Oliarus difficilis* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 64. [Described.]¹ :58. [Key.]

dimidiatus Berg

- 1879 *Oliarius* [sic] *dimidiatus* Berg, An. Soc. Cient. Argentina Argentina¹
8: 184. [n. sp.]¹
 1879 *Oliarius* [sic] *dimidiatus* Berg, Hemip. Argentina :220. [n. sp.]¹

dingkana Distant

- 1907 *Oliarus dingkana* Distant, Ann. Mag. Nat. Hist. (7) **19**: Queensland¹
 282. [n. sp.]¹

discrepans Giffard

- 1925 *Oliarus discrepans* Giffard, Proc. Hawaiian Ent. Soc. Hawaiian
6: 79 (29); Pl. III, Figs. 41, 48. [Illustrated, n. sp.]¹ :61 Islands¹
 (11). [Key.]

dispar Muir

- 1924 *Oliarus dispar* Muir, Philippine Jour. Sci. **24**: 518; Pl. 1, Java¹
 Figs. 9a, 9b. [Illustrated, n. sp.]¹ Krakatau²
 1930 *Oliarus dispar* Muir, Treubia **12**: 30. [Listed.]^{1,2,3} Verlaten
 Island³
 (East Indies)

Oliarus

distanti nom. nov. for *Oliarus (Adzapala) greeni* Distant nec *Oliarus greeni* Distant.

- 1911 *Adzapala greeni* Distant, Ann. Mag. Nat. Hist. (8) 8: Ceylon¹
739. [n. sp.]¹ [Secondary homonym.]
1916 *Adzapala greeni* Distant, Fauna British India 6: 35; Fig. 20. [Described,
illustrated.]¹
1925 *Oliarus greeni* Muir, Pan-Pacific Ent. 1: 99. Equals *Adzapala greeni* Dist.

dividens Walker

- 1858 *Cixius dividens* Walker, List. Homop. British Mus. St. Helena¹
Suppl. :78. [n. sp.]¹
1859 *Cixius sanctae-helenae* Stål, Freg. Eugenies Resa :272. [n. sp.]¹
1862 *Oliarus santae-helenae* [sic] Stål, Berliner: Ent. Zeit. 6: 306. Equals
Cixius santae-helenae [sic] Stål.
1866 *Oliarus sanctae-helenae* Stål, Hemip. Africana 4: 167. [Described.]¹
Equals *Cixius santae-helenae* Stål. Equals *Cixius dividens* Walk.

doddi Muir

- 1931 *Oliarus doddi* Muir, Rec. Australian Mus. 18: 64; Fig. 2. Queensland¹
[Illustrated, n. sp.]¹

dumonti Muir

- 1921 *Urvillea dumonti* Muir, Proc. Hawaiian Ent. Soc. 4: 569. Samoa¹
[n. sp.]¹ (Polynesia)
1927 *Oliarus dumonti* Muir, Fulgoroidea of Samoa :7.
[Notes.]¹ Equals *Urvillea dumonti* Muir.

e Giffard var. of *instabilis*. See *Oliarus instabilis* var. *terryi* Metcalf.
efferatus Walker. See *Mnemosyne efferatus* Walker.

elongatus Matsumura

- 1910 *Oliarus elongatus* Matsumura, Jour. Coll. Sci. Tokyo Greece¹
27: 5. [n. sp.]¹
1912 *Oliarus elongatus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]¹

euphorbiae Giffard

- 1925 *Oliarus euphorbiae* Giffard, Proc. Hawaiian Ent. Soc. Hawaiian
6: 128 (78); Pl. II, Fig. 16; Pl. VI, Fig. 102. [Illustrated, Islands¹
n. sp.]¹ :65 (15). [Key.]

excelsus Fowler

- 1904 *Oliarus excelsus* Fowler, Biologia Centrali-America :92; Mexico¹
Pl. X, Figs. 14, 14a. [Illustrated, n. sp.]¹ Lower
1923 *Oliarus excelsus* Van Duzee, Proc. California Acad. Sci. California²
(4) 12: 188. [Listed.]²

exiguus Muir

- 1924 *Oliarus exiguus* Muir, Philippine Jour. Sci. **24**: 526; Pl. Singapore¹
2, Fig. 19. [Illustrated, n. sp.]¹

exoptatus Van Duzee

- 1917 *Oliarus exoptatus* Van Duzee, Proc. California Acad. Sci. California¹
7: 308. [n. sp.]¹

f Giffard var. of *instabilis*. See *Oliarus instabilis* var. *williamsi* Metcalf.

fasciatus Kusnezov (var.). See *Oliarus melanochaetus* var. *fasciatus* Kusnezov.

fasciolatus Stål

- 1855 *Cixius fasciolatus* Stål, Ofv. Svenska Vet. Akad. Forh. Natal¹
12: 92. [n. sp.]¹ Cape
1858 *Cixius fasciolatus* Walker, List. Homop. British Mus. Province²
Add. :322. [Listed.]¹
1859 *Cixius fasciolatus* Dohrn, Cat. Hemip. :61. [Listed.]²
1866 *Oliarus fasciolatus* Stål, Hemip. Africana **4**: 169. [Described.]² Equals
Cixius fasciolatus Stål.

felis Kirkaldy

- 1906 *Oliarus felis* Kirkaldy, Bull. Hawaiian Sugar. Pl. Assoc. Queensland¹
1: 399. [n. sp.]¹ :397. [Key.]
1907 *Oliarus felis* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 107. [Key.]
:109; Pl. VIII, Figs. 5, 6. [Listed, illustrated.]
1925 *Oliarus felis* Hacker, Mem. Queensland Mus. **8**: 113; Pls. XXVII,
XXVIII. [Life history, illustrated.]¹

fidus Van Duzee

- 1914 *Oliarus fidus* Van Duzee, Trans. San Diego Soc. Nat. California¹
Hist. **2**: 37. [n. sp.]¹ Pacific
1916 *Oliarus fidus* Van Duzee, Check List Hemip. America States²
:79. [Listed.]²
1916 *Oliarus fidus* Van Duzee, Tech. Bull. Univ. California Agr. Exp. Sta.
1: 247. [Listed.]¹
1917 *Oliarus fidus* Van Duzee, Cat. Hemip. America :733. [Listed.]¹

filicicola Kirkaldy

- 1909 *Oliarus filicicola* Kirkaldy, Proc. Hawaiian Ent. Soc. Hawaii¹
2: 77. [n. sp.]¹ Hawaiian I.²
1909 *Oliarus kaonohi volcanicola* Kirkaldy, Proc. Hawaiian
Ent. Soc. **2**: 78. [var. n.]¹
1909 *Oliarus montivagus* Kirkaldy, Proc. Hawaiian Ent. Soc. **2**: 78. [n. sp.]¹
1913 *Oliarus montivagus* Swezey, Proc. Hawaiian Ent. Soc. **2**: 199. [Listed.]¹
1925 *Oliarus filicicola* Giffard, Proc. Hawaiian Ent. Soc. **6**: 88 (38); Pl. IV;
Figs. 63, 64; Pl. VIII, Fig. 140. [Described, illustrated.]² Equals *Oliarus*
kaonohi volcanicola Kirk. Equals *Oliarus montivagus* Kirk. :62 (12), 63
(13). [Key.]

Oliarus

- 1932 *Oliarus filicicola* Swezey and Williams, Proc. Hawaiian Ent. Soc. 8: 189.
[Listed.]¹

flaviceps Matsumura. See *Kuvera flaviceps* Matsumura.

flavidus. Typographical error for *Oliarus fluvidus* Matsumura.

flavipennis Horváth. See *Hyalesthes flavipennis* Horváth.

flavipes Muir

- 1924 *Oliarus flavipes* Muir, Philippine Jour. Sci. 24: 514; Pl. Luzon¹
1, Figs. 4a, 4b. [n. sp., illustrated.]¹ (Philippine I.)

fluvidus Matsumura

- 1910 *Oliarus fluvidus* Matsumura, Jour. Coll. Sci. Tokyo 27: Morocco¹
6. [n. sp.]¹
- 1912 *Oliarus fluvidus* [sic] Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]¹
- 1916 *Oliarus fluvidus* [sic] Bergevin, Bull. Soc. Hist. Nat. Afrique du Nord 7:
315. [Listed.]¹

formosanus Matsumura

- 1914 *Oliarus formosanus* Matsumura, Annot. Zool. Japo- Formosa¹
nenses 8: 427. [n. sp.]¹
- 1915 *Oliarus formosanus* Schumacher, Homop.-Fauna Insel Formosa :115.
[Listed.]¹
- 1915 *Oliarus formosanus* Schumacher, Suppl. Ent. 4: 131. [Listed.]¹

franciscanus Stål

- 1859 *Cixius franciscanus* Stål, Freg. Eugenie Resa :273. California¹
[n. sp.]¹ Colorado²
- 1862 *Oliarus franciscanus* Stål, Berliner Ent. Zeit. 6: 306. Haiti³
Equals *Cixius franciscanus* Stål. Maryland⁴
- 1876 *Cixius franciscanus* Uhler, Bull. United States Geol. Kansas⁵
Geog. Surv. 1 (5): 352. [Listed.]¹ Arizona⁶
- 1895 *Oliarus franciscanus* Gillette and Baker, Hemip. Colo- Penn-
rado :69. [Listed.]² sylvania⁷
- 1902 *Oliarus complectus* Ball, Canadian Ent. 34: 152. [n. Ohio⁸
sp.]^{2,3,4,5,6} Jamaica⁹
- 1904 *Oliarus franciscanus* Swezey, Prelim. Cat. Fulgoridae District of
North America :30. [Listed.]² Columbia¹⁰
- 1904 *Cixius franciscanus* Swezey, Prelim. Cat. Fulgoridae New York¹¹
North America :26. [Listed.]¹ Florida¹²
- 1904 *Oliarus complectus* Wirtner, Ann. Carnegie Mus. 3: 215. New Jersey¹³
[Listed.]⁷ North
- 1904 *Oliarus complectus* Swezey, Prelim. Cat. Fulgoridae Carolina¹⁴
North America :30. [Listed.]^{2,4,5,6} United
- 1907 *Oliarus complectus* Van Duzee, Bull. Buffalo Soc. Nat. States¹⁵
Sci. 8: 33. [Notes.]^{2,8,9,10} Pacific
- 1907 *Oliarus complectus* Tucker, Bull. Kansas Univ. Sci. 4: States¹⁶
65. [Listed.]⁵ Isle of Pines¹⁷

- 1908 *Oliarus franciscanus* Kirkaldy, Proc. Hawaiian Ent. Soc. 2: 22. [Notes.]¹ Equals *Cixius franciscanus* Stål. (West Indies) Massa-
- 1908 *Oliarus franciscanus* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia 1907: 486. [Listed.]¹ chusetts¹⁵ Connecticut¹⁹
- 1908 *Oliarus complectus* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia 1907: 485. [Key.] :488. [Notes.]^{5,10,11} Cuba²⁰ Puerto Rico²¹
- 1909 *Oliarus complectus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 9: 188. [Listed.]¹² Lower California²²
- 1910 *Oliarus complectus* Smith, Rept. Ins. New Jersey :95. [Listed.]¹³ West Indies²³ Utah²⁴
- 1914 *Oliarus complectus* Barber, Bull. American Mus. Nat. Hist. 33: 527. [Listed.]¹² Iowa²⁵ Mexico²⁶
- 1914 *Oliarus complectus* Van Duzee, Trans. San Diego Soc. Nat. Hist. 2: 37. [Notes.]¹ Central America²⁷
- 1915 *Oliarus complectus* Metcalf, Jour. Elisha Mitchell Soc. 31: 43 (11). [Listed.]¹⁴
- 1916 *Oliarus complectus* Van Duzee, Check List Hemip. America :79. [Listed.]¹⁵
- 1916 *Oliarus franciscanus* Van Duzee, Check List Hemip. America :79. [Listed.]¹⁶
- 1917 *Oliarus complectus* Heidemann and Osborn, Ann. Carnegie Mus. 11: 348. [Listed.]¹⁷
- 1917 *Oliarus franciscanus* Van Duzee, Proc. California Acad. Sci. 7: 309. [Listed.]¹ Equals *Oliarus complectus* Ball.
- 1917 *Oliarus franciscanus* Van Duzee, Cat. Hemip. America :732. [Listed.]^{1,2,4,5,6,7,8,10,11,12,13,15,23} Equals *Cixius franciscanus* Stål. Equals *Oliarus complectus* Ball.
- 1920 *Oliarus complectus* Britton, Check List Ins. Connecticut :46. [Listed.]¹⁹
- 1921 *Oliarus complectus* Osborn, Florida Ent. 5: 15. [Listed.]¹²
- 1923 *Oliarus franciscanus* Metcalf, Jour. Elisha Mitchell Soc. 38: 160; Figs. 272, 569. [Key, illustrated.]
- 1923 *Oliarus franciscanus* Baldus, Bull. Ohio Agr. Exp. Sta. 366: 165. [Listed.]⁸
- 1923 *Oliarus franciscanus*[sic] Van Duzee, Fulgoridae Hemip. Connecticut :32. [Key, described.]^{15,19} Equals *Oliarus complectus* Ball.
- 1923 *Oliarus franciscanus* Van Duzee, Proc. California Acad. Sci. (4) 12: 188. [Listed.]²²
- 1926 *Oliarius* [sic] *franciscanus* Osborn, Jour. Econ. Ent. 19: 104. [Notes.]^{15,20,23,2}
- 1926 *Oliarus franciscanus* Myers, Contr. Harvard Inst. Trop. Biol. and Med. 3: 84. [Notes.]²⁰
- 1926 *Oliarus franciscanus* Osborn, Ann. Ent. Soc. America 19: 354. [Notes.]^{15,20,23,27}
- 1926 *Oliarus franciscanus* Gowdey, Bull. Dept. Agr. Jamaica Ent. 4: 40. [Listed.]⁹ Equals *Cixius franciscanus* [sic] Stål.
- 1928 *Oliarus franciscanus* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 58. [Key.] :61. [Described.]^{15,23} Equals *Cixius franciscanus* Stål.
- 1928 *Oliarus franciscanus* Myers, Studies on Cuban Insects :14. [Listed.]²⁰
- 1928 *Oliarus franciscanus* Metcalf, Mem. Cornell Uni. Agr. Exp. Sta. 101: 177. [Listed.]¹¹

Oliarus

- 1929 *Oliarus franciscanus* Knowlton, Florida Ent. **13**: 50. [Listed.]²⁴
 1929 *Oliarus franciscanus* Osborn, Jour. Dept. Agr. Porto Rico **13**: 106.
 [Ecology.]²⁴ Equals *Oliarus cinereus* Wol. [error.]
 1930 *Oliarus complectus* Hendrickson, Iowa State Jour. Sci. **4**: 88. [Ecology.]²⁵

frenatus Jacobi

- 1910 *Oliarus frenatus* Jacobi, Zool. Exp. Kilimandjaro :106; Tanganyika
 Pl. 1, Figs. 15, 15a. [n. sp., illustrated.]¹ Territory¹

frontalis Melichar

- 1904 *Oliarus frontalis* Melichar, Verh. Zool. Bot. Ges. Wien E. Africa¹
54: 31. [n. sp.]¹ Algeria²
 1905 *Oliarus frontalis* Melichar, Wien. Ent. Zeit. **24**: 282. Ethiopia³
 [n. sp.]¹ Egypt⁴
 1907 *Oliarius* [sic] *frontalis* Oshanin, Verz. Palaeark. Hemip. Africa⁵
2: 235. [Listed.]^{2,3}
 1907 *Oliarus melichari* Distant, Ann. Mag. Nat. Hist. (7) **19**: 281. [nom. nov.
 for *Oliarus frontalis* Mel. 1905.] [Listed.]¹
 1910 *Oliarius* [sic] *frontalis* Oshanin, Ann. Mus. Zool. St. Petersburg **15**: 181.
 [Listed.]³ Equals *Oliarius* [sic] *melichari* Dist.
 1911 *Oliarus frontalis* Horváth, Bull. Soc. Ent. Égypte **3**: 117. [Listed.]^{1,2,4,5}
 1912 *Oliarus frontalis* Jacobi, Zentral-Africa-Exp. :26. [Listed.]¹ Equals *Oliarus*
melichari Dist.
 1912 *Oliarus frontalis* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]^{3,2} Equals
Oliarus melichari Dist.

frontalis var. **basalis** Melichar

- 1905 *Oliarus frontalis basalis* Melichar, Wien. Ent. Zeit. **24**: E. Africa¹
 283. [var. n.]¹

fulvus Walker

- 1858 *Cixius fulvus* Walker, List Homop. British Mus. Suppl. Brazil¹
 :77. [n. sp.]¹
 1907 *Oliarus fulvus* Distant, Ann. Mag. Nat. Hist. (7) **19**: 281. [Listed.]¹
 Equals *Cixius fulvus* Walk.

fumatus Melichar (var.). See *Oliarus nigrofurcatus* var. *fumatus* Melichar.

funebri Walker

- 1858 *Cixius funebri* Walker, Insecta Saundersiana :41. Natal¹
 [n. sp.]¹
 1907 *Oliarus funebri* Distant, Ann. Mag. Nat. Hist. (7) **19**: 281. [Listed.]¹
 Equals *Cixius funebri* Walk.

furcatus Signoret

- 1884 *Oliarus furcatus* Signoret, Bull. Soc. Ent. France (6) **4**: Turkestan¹
 LXXI. [n. sp.]¹
 1886 *Oliarus furcatus* Puton, Cat. Hémipt. Faune Pal. :69. [Listed.]¹

- 1899 *Oliarus furcatus* Puton, Cat. Hémipt. Faune Pal. :103. [Listed.]¹
 1907 *Oliarius* [sic] *furcatus* Oshanin, Verz. Palaeark. Hemip. 2: 237. [Listed.]¹
 1912 *Oliarus furcatus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]¹
 1929 *Oliarus furcatus* Kusnezov, Zool. Anz. 79: 328. [Listed.]¹

fusciceps nom. nov. for *Oliarus fuscipennis* Muir 1924 [nec *Cixius fuscipennis* Stål 1855.]

- 1924 *Oliarus fuscipennis* Muir, Philippine Jour. Sci. 24: 513. East Java¹
 [n. sp.]¹ [nom. praeoc.]

fuscipennis Stål

- 1855 *Cixius fuscipennis* Stål, Ofv. Svenska Vet. Akad. Forh. Natal¹
 12: 92. [n. sp.]¹ Cape
 1858 *Cixius fuscipennis* Walker, List Homop. British Mus. Province²
 Add. :322. [Listed.]¹
 1859 *Cixius fuscipennis* Dohrn, Cat. Hemip. :61. [Listed.]²
 1866 *Oliarus fuscipennis* Stål, Hemip. Africana 4: 168. [Described.]² Equals
Cixius fuscipennis Stål.

fuscipennis Muir. See *Oliarus fusciceps* Metcalf.

fuscofasciatus Melichar. See *Pseudoliarus fuscofasciatus* Melichar.

fusconebulosus Distant

- 1906 *Oliarus fusconebulosus* Distant, Fauna British India 3: Burma¹
 258. [n. sp.]¹

geniculatus Stål

- 1870 *Oliarus geniculatus* Stål, Ofv. Svenska Vet. Akad. Forh. Philippine I.¹
 27: 746. [n. sp.]¹
 1924 *Oliarus geniculatus* Muir, Philippine Jour. Sci. 24: 515. [Notes.]

giffardi nom. nov. for *Oliarus montanus* Giffard 1925 [nec *Oliarus montanus* Metcalf 1923]

- 1925 *Oliarus montanus* Giffard, Proc. Hawaiian Ent. Soc. 6: Hawaiian
 111 (61), Pl. V, Figs. 86, 87; Pl. VIII, Fig. 125. [Illustrated, n. sp.]¹ :64 (14). [Key.] [noman praeoc.] Islands¹

goae Muir

- 1922 *Oliarus goae* Muir, Rec. Indian Mus. 24: 345. [n. sp.]¹ Goa¹
 (Portuguese India)

granulatus Muir

- 1924 *Oliarus granulatus* Muir, Philippine Jour. Sci. 24: 514; Luzon¹
 Pl. I, Figs. 5a, 5b. [Illustrated, n. sp.]¹ (Philippine I.)

greeni Distant

- 1911 *Oliarus greeni* Distant, Ann. Mag. Nat. Hist. (8) 8: 735. Ceylon¹
 [n. sp.]¹

Oliarus

- 1916 *Oliarus greeni* Distant, Fauna British India **6**: 29. [Described.]¹
greeni Distant (*Adzapa*). See *Oliarus distanti* Metcalf.
- grossus** Lallemand
 1925 *Oliarus grossus* Lallemand, Ark. Zool. **18**: (4). [n. sp.]¹ Central
 Africa¹
- hachijonis** Matsumura
 1914 *Oliarus hachijonis* Matsumura, Annot. Zool. Japonenses **8**: 422. [n. sp.]¹ Hachijo
 Island¹
 (Japan)
- hackeri** Muir
 1931 *Oliarus hackeri* Muir, Rec. Australian Mus. **18**: 65; Figs. 3, 4. [n. sp., illustrated.]¹ Queensland¹
- haleakalae** Kirkaldy
 1909 *Oliarus haleakalae* Kirkaldy, Proc. Hawaiian Ent. Soc. **2**: 78. [n. sp.]¹ Hawaii¹
 Hawaiian
 1925 *Oliarus haleakalae* Giffard, Proc. Hawaiian Ent. Soc. **6**: 110 (60); Pl. V, Figs. 82, 83. [Described, illustrated.]² Islands²
 :64 (14). [Key.]
- halehaku** Giffard
 1925 *Oliarus halehaku* Giffard, Proc. Hawaiian Ent. Soc. **6**: 94 (44); Pl. IV, Figs. 68, 69. [Illustrated, n. sp.]¹ :63
 (13). [Key.] Hawaiian
 Islands¹
- halemanu** Giffard
 1925 *Oliarus halemanu* Giffard, Proc. Hawaiian Ent. Soc. **6**: 133 (83); Pl. VI, Figs. 99, 100. [Illustrated, n. sp.]¹ :65
 (15). [Key.] Hawaiian
 Islands¹
- harimaensis** Matsumura
 1914 *Oliarus harimaensis* Matsumura, Annot. Zool. Japonenses **8**: 421. [n. sp.]¹ Japan¹
- haupti** nom. nov. for *Oliarus brachycephalus* Haupt 1917 [nec *Oliarus brachycephalus* Distant 1907]
 1917 *Oliarus brachycephalus* Haupt, Wien. Ent. Zeit. **36**: 259. [n. sp.]¹ Buchara¹
- hesperius** Van Duzee
 1917 *Oliarus hesperius* Van Duzee, Proc. California Acad. Sci. **7**: 307. [n. sp.]¹ California¹

hevaheva Kirkaldy

- 1902 *Oliarus hevaheva* Kirkaldy, Fauna Hawaiiensis 3: 122; Hawaii¹
Pl. IV, Fig. 6. [Illustrated, n. sp.]¹ :120. [Key.] :99. Hawaiian
[Listed.] Islands²
- 1908 *Oliarus hevaheva* Kirkaldy, Proc. Hawaiian Ent. Soc.
1: 201. [Listed.]¹
- 1909 *Oliarus hevaheva* Kirkaldy, Proc. Hawaiian Ent. Soc. 2: 77. [Key.]¹
- 1925 *Oliarus hevaheva* Giffard, Proc. Hawaiian Ent. Soc. 6: 104 (54); Pl. I,
Fig. 5; Pl. V, Figs. 84, 85. [Described, illustrated.]² :64 (14). [Key.]

hirtus Melichar

- 1904 *Oliarus hirtus* Melichar, Verh. Zool. Bot. Ges. Wien 54: E. Africa¹
31. [n. sp.]¹

hispanicus Matsumura

- 1910 *Oliarus hispanicus* Matsumura, Jour. Coll. Sci. Tokyo Spain¹
27: 4. [n. sp.]¹
- 1912 *Oliarus hispanicus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]¹

hodgarti Distant

- 1911 *Oliarus hodgarti* Distant, Ann. Mag. Nat. Hist. (8) 8: Bengal¹
736. [n. sp.]¹
- 1916 *Oliarus hodgarti* Distant, Fauna British India 6: 31; Fig. 16. [Described,
illustrated.]¹

hopponis Matsumura

- 1914 *Oliarus hopponis* Matsumura, Annot. Zool. Japonenses Formosa¹
8: 427. [n. sp.]¹
- 1915 *Oliarus hopponis* Schumacher, Homop.-Fauna Insel Formosa :115.
[Listed.]¹

horishanus Matsumura

- 1914 *Oliarus horishanus* Matsumura, Annot. Zool. Japo- Formosa¹
nenses 8: 418. [n. sp.]¹ Japan²
- 1915 *Oliarus horishanus* Schumacher, Homop.-Fauna Insel
Formosa :114. [Listed.]¹
- 1915 *Oliarus horishanus* Schumacher, Suppl. Ent. 4: 131. [Listed.]¹
- 1932 *Oliarus horishanus* Esaki, Iconographia Insectorum Japonicorum :1777.
[Described, illustrated.]²

hottentottus Stål

- 1855 *Cixius hottentottus* Stål, Ofv. Svenska Vet. Akad. Forh. Orange Free
12: 92. [n. sp.]¹ State¹
- 1858 *Cixius hottentottus* Walker, List Homop. British Mus. Caffraria²
Add. :321. [Listed.]¹ Transvaal³
- 1859 *Cixius hottentotus* [sic] Dohrn, Cat. Hemip. :60. Damaraland⁴
[Listed.]²

Oliarus

- 1862 *Oliarus hottentottus* Stål, Berliner Ent. Zeit. 6: 306. Equals *Cixius hottentottus* Stål.
 1866 *Oliarus hottentottus* Stål, Hemip. Africana 4: 168. [Described.]² Equals *Cixius hottentottus* Stål.
 1907 *Oliarus hottentottus* Distant, Ins. Transvaaliensia 8: 193; Fig. 32. [Listed, illustrated.]^{2,3}
 1925 *Oliarus hottentottus* Hesse, Ann. South African Mus. 23: 150. [Listed.]⁴ Equals *Cixius hottentottus* Stål.

humeralis Fowler

- 1904 *Oliarus humeralis* Fowler, Biologia Centrali-Americana Guatemala¹
 1: 94; Pl. X, Figs. 18, 18a. [Illustrated, n. sp.]¹

humilis Say

- 1830 *Flata humilis* Say, Jour. Acad. Nat. Sci. Philadelphia Penn-
 6: 241. [n. sp.]¹ sylvania¹
 1850 *Poeciloptera* [sic] *humilis* Schaum, Allg. Ency. Ersch North
 und Gruber 51: 72. [Listed.]² Equals *Flata humilis* Say. America²
 1851 *Poeciloptera?* [sic] *humilis* Walker, List Homop. British United
 Mus. 2: 470. [Listed.]³ Equals *Flata humilis* Say. States³
 1852 *Poeciloptera?* [sic] *humilis* Walker, List Homop. British New York⁴
 Museum 4: 1140. Equals *Flata humilis* Say. New Jersey⁵
 1859 *Flata humilis* Say, Comp. Writings of Thomas Say 2: Ohio⁶
 376. [n. sp.]¹ Iowa⁷
 1859 *Poeciloptera?* [sic] *humilis* Dohrn, Cat. Hemip. :66. North
 [Listed.]² Carolina⁸
 1890 *Oliarus humilis* Van Duzee, Psyche 5: 389. Equals *Flata Eastern*
humilis Say. States⁹
 1894 *Oliarus humilis* Van Duzee, Bull. Buffalo Soc. Nat. Sci. Ontario¹⁰
 5: 190. [Listed.]⁴ Connecticut¹¹
 1900 *Oliarus* [sic] *humilis* Smith, Ins. New Jersey 2: 89. Mississippi¹²
 [Listed.]⁵ Maryland¹³
 1904 *Oliarus humilis* Osborn, Ohio Nat. 4: 100. [Listed.]⁶
 1904 *Oliarus humilis* Osborn, Proc. Soc. Prom. Agr. Sci. 25: 35. [Economic.]³
 1904 *Oliarus humilis* Swezey, Prelim. Cat. Fulgoridae North America :30.
 [Listed.]^{1,4,5,6,7} Equals *Flata humilis* Say.
 1904 *Oliarus humilis* Wirtner, Ann. Carnegie Mus. 3: 215. [Listed.]¹
 1908 *Oliarus humilis* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia 1907:
 485. [Key.] :488. [Notes.]
 1910 *Oliarus humilis* Smith, Rept. Ins. New Jersey :95. [Listed.]⁵
 1915 *Oliarus humilis* Metcalf, Jour. Elisha Mitchell Soc. 31: 43 (11). [Listed.]⁸
 1916 *Oliarus humilis* Van Duzee, Check List Hemip. America :79. [Listed.]⁹
 1917 *Oliarus humilis* Van Duzee, Cat. Hemip. America :733. [Listed.]^{1,4,5,6,10}
 Equals *Flata humilis* Say. Equals *Poeciloptera* [sic] *humilis* Walk.
 1920 *Oliarus humilis* Britton, Check-list Ins. Connecticut :46. [Listed.]¹¹
 1923 *Oliarus humilis* Metcalf, Jour. Elisha Mitchell Soc. 38: 160; Figs. 268,
 565. [Key, illustrated.]

- 1923 *Oliarus humilis* Van Duzee, Fulgoridae Hemip. Connecticut :32; Pl. IV, Fig. 2. [Described, key, illustrated.]^{6,10,13,11}
- 1924 *Oliarus humilis* Weiss and West, Jour. New York Ent. Soc. **32**: 100. [Listed.]⁵
- 1927 *Flata humilis* Sherborn, Index Animalium **12**: 3061. [Listed.]
- 1928 *Oliarus humilis* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 58. [Key.] :60. [Described.]^{1,4,5,6,7,10,12} Equals *Flata humilis* Say.
- 1928 *Oliarus humilis* Metcalf, Mem. Cornell Uni. Agr. Exp. Sta. **101**: 177. [Listed.]¹
- 1930 *Oliarus humilis* Hendrickson, Iowa State Jour. Sci. **4**: 88. [Ecology.]⁷
- 1931 *Oliarus humilus* Neiswander, Bull. Ohio Agr. Exp. Sta. **473**: 55. [Listed.]⁶

hyalinipennis Muir

- 1924 *Oliarus hyalinipennis* Muir, Philippine Jour. Sci. **24**: 512; Pl. 1, Fig. 1. [Illustrated, n. sp.]¹ Mindanao¹
(Philippine I.)

hyalinus Fieber

- 1872 *Oliarus hyalinus* Fieber, Kat. Europäischen Cicad. :3. Dalmatia¹
[Listed.] [nom. nud.]¹ (Yugoslavia)
- 1875 *Oliarus hyalinus* Puton, Cat. Hémipt. d'Europe 2d. F. :113. [Listed.] [nom. nud.]¹
- 1876 *Oliarus hyalinus* Fieber, Cicad. d'Europe Pt. 2: 204 (194). [n. sp.]¹
- 1886 *Oliarus hyalinus* Puton, Cat. Hémipt. Faune Pal. :69. [Listed.]¹
- 1886 *Oliarus hyalinus* Then, Kat. österreichischen Cicad. :11. [Listed.]¹
- 1896 *Oliarius* [sic] *hyalinus* Melichar, Cicad. Mittel-Europa :31. [Described.]¹
:29. [Key.]
- 1899 *Oliarus hyalinus* Puton, Cat. Hémipt. Faune Pal. :103. [Listed.]¹
- 1903 *Oliarus hyalinus* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste **21**: 59. [Listed.]¹
- 1907 *Oliarius* [sic] *hyalinus* Oshanin, Verz. Palaeark. Hemip. 2: 237. [Listed.]¹
- 1912 *Oliarus hyalinus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]¹

hyalinus Van Duzee. See *Oliarus slossoni* Van Duzee.

iguchii Matsumura

- 1914 *Oliarus iguchii* Matsumura, Annot. Zool. Japonenses Japan¹
8: 419. [n. sp.]¹

immaculatus Giffard

- 1925 *Oliarus immaculatus* Giffard, Proc. Hawaiian Ent. Soc. Hawaiian Islands¹
6: 96 (46); Pl. I, Fig. 4; Pl. IV; Figs. 60, 65; Pl. VI, Fig. 106. [Illustrated, n. sp.]¹ :63 (13). [Key.]

impeditus Muir

- 1924 *Oliarus impeditus* Muir, Philippine Jour. Sci. **24**: 521; Mindanao¹
Pl. 2, Figs. 13a, 13b. [Illustrated, n. sp.]¹ (Philippine I.)

*Oliarus***inaequalis** Giffard

- 1925 *Oliarus inaequalis* Giffard, Proc. Hawaiian Ent. Soc. **6**: 136 (86); Pl. VI, Figs. 110, 111. [Illustrated, n. sp.]¹ Hawaiian Islands¹
:65 (15). [Key.]

inaequalis var. **koebelei** nom. nov. for *Oliarus inaequalis* var. *b* Giffard.

- 1925 *Oliarus inaequalis* var. *b* Giffard, Proc. Hawaiian Ent. Soc. **6**: 137 (87). [n. var.]¹ Hawaiian Islands¹

inaequalis var. **kohala** nom. nov. for *Oliarus inaequalis* var. *c* Giffard.

- 1925 *Oliarus inaequalis* var. *c* Giffard, Proc. Hawaiian Ent. Soc. **6**: 138 (88). [n. var.]¹ Hawaiian Islands¹

inaequalis var. **konana** nom. nov. for *Oliarus inaequalis* var. *a* Giffard.

- 1925 *Oliarus inaequalis* var. *a* Giffard, Proc. Hawaiian Ent. Soc. **6**: 137 (87). [n. var.]¹ Hawaiian Islands¹

incerta Distant

- 1907 *Oliarus lubra* Distant, Ann. Mag. Nat. Hist. (7) **19**: 282. Queensland¹
[n. sp.]¹
1907 *Oliarus incerta* Distant, Ann. Mag. Nat. Hist. (7) **19**: 415. Nom. nov. for
Oliarus lubra Dist.

incisus Bierman

- 1908 *Oliarius* [sic] *incisus* Bierman, Notes Leyden Mus. Java¹
Jentink **29**: 152; Pl. 3, Figs. 2a, b. [n. sp., illustrated.]¹

inconstans Giffard

- 1925 *Oliarus inconstans* Giffard, Proc. Hawaiian Ent. Soc. Hawaiian Islands¹
6: 145 (95); Pl. VIII, Figs. 132, 133. [Illustrated, n. sp.]¹
:65 (15). [Key.]

indica Distant

- 1911 *Oliarus indica* Distant, Ann. Mag. Nat. Hist. (8) **8**: 735. India¹
[n. sp.]¹
1916 *Oliarus indicus* Distant, Fauna British India **6**: 29. [Described.]¹

insignior Fowler

- 1904 *Oliarus insignior* Fowler, Biologia Centrali-Americana Guatemala¹
1: 95; Pl. X, Figs. 21, 21a, 22. [Illustrated, n. sp.]^{1,2} Panama²

instabilis Giffard

- 1925 *Oliarus instabilis* Giffard, Proc. Hawaiian Ent. Soc. Hawaiian Islands¹
6: 142 (92); Pl. VIII, Figs. 129, 130, 131, 137. [Illustrated,
n. sp.]¹ :65 (15). [Key.]

instabilis var. **bryani** nom. nov. for *Oliarus instabilis* var. *a* Giffard.

1925 *Oliarus instabilis* var. *a* Giffard, Proc. Hawaiian Ent. Soc. 6: 143 (93). [n. var.]¹ Hawaiian Islands¹

instabilis var. **crawi** nom. nov. for *Oliarus instabilis* var. *b* Giffard.

1925 *Oliarus instabilis* var. *b* Giffard, Proc. Hawaiian Ent. Soc. 6: 144 (94). [n. var.]¹ Hawaiian Islands¹

instabilis var. **erhorni** nom. nov. for *Oliarus instabilis* var. *c* Giffard.

1925 *Oliarus instabilis* var. *c* Giffard, Proc. Hawaiian Ent. Soc. 6: 144 (94). [n. var.]¹ Hawaiian Islands¹

instabilis var. **osborni** nom. nov. for *Oliarus instabilis* var. *d* Giffard.

1925 *Oliarus instabilis* var. *d* Giffard, Proc. Hawaiian Ent. Soc. 6: 144 (94). [n. var.]¹ Hawaiian Islands¹

instabilis var. **terryi** nom. nov. for *Oliarus instabilis* var. *e* Giffard.

1925 *Oliarus instabilis* var. *e* Giffard, Proc. Hawaiian Ent. Soc. 6: 144 (94). [n. var.]¹ Hawaiian Islands¹

instabilis var. **williamsi** nom. nov. for *Oliarus instabilis* var. *f* Giffard.

1925 *Oliarus instabilis* var. *f* Giffard, Proc. Hawaiian Ent. Soc. 6: 144 (94). [n. var.]¹ Hawaiian Islands¹

intermedius Giffard

1925 *Oliarus intermedius* Giffard, Proc. Hawaiian Ent. Soc. 6: 122 (72); Pl. VII, Figs. 121, 126. [Illustrated, n. sp.]¹ Hawaiian Islands¹
:64 (14). [Key.]

interruptus Haupt

1917 *Oliarus interruptus* Haupt, Wien. Ent. Zeit. 36: 260. [n. sp.]¹ Turkestan¹

intertecta Walker

1870 *Brixia intertecta* Walker, Jour. Linn. Soc. Zool. 10: 114. [n. sp.]¹ New Guinea¹

1907 *Oliarus intertectus* Distant, Ann. Mag. Nat. Hist. (7) 19: 281. [Listed.]¹ Equals *Brixia intertectus* Walk.

kagoshimensis Matsumura

1914 *Oliarus kagoshimensis* Matsumura, Annot. Zool. Japonenses 8: 429. [n. sp.]¹ Kyushu¹ (Japan)

kahavalu Kirkaldy

1909 *Oliarus kahavalu* Kirkaldy, Proc. Hawaiian Ent. Soc. 2: 77. [n. sp.]¹ Hawaii¹ Hawaiian

Oliarus

- 1925 *Oliarus kahavalu* Giffard, Proc. Hawaiian Ent. Soc. 6: Islands²
116 (66); Pl. VII, Figs. 116, 117. [Described, illus-
trated.]² :64 (14). [Key.]

kaiulani Giffard

- 1925 *Oliarus kaiulani* Giffard, Proc. Hawaiian Ent. Soc. 6: Hawaiian
69 (19); Pl. III, Figs. 27–30. [Illustrated, n. sp.]¹ :61
(11). [Key.] Islands¹

kampaspe Kirkaldy

- 1906 *Oliarus kampaspe* Kirkaldy, Bull. Hawaiian Sugar Pl. Queensland¹
Assoc. 1: 398. [n. sp.]¹ :397. [Key.] W. Australia²
- 1907 *Oliarus kampaspe* Kirkaldy, Bull. Hawaiian Sugar Pl.
Assoc. 3: 107. [Key.]
- 1928 *Oliarus kampaspe* Jacobi, Mjoberg's Exp. Australia :32; Figs. 19a, 19b.
[Described, illustrated.]²

kanakanus Kirkaldy

- 1902 *Oliarus kanakanus* Kirkaldy, Fauna Hawaiiensis 3: 121; Hawaii¹
Pl. IV, Fig. 5. [n. sp., illustrated.]¹ :120. [Key.] :99. Hawaiian
[Listed.] Islands²
- 1908 *Oliarus kanakanus* Kirkaldy, Proc. Hawaiian Ent. Soc.
1: 201. [Listed.]¹
- 1909 *Oliarus kanakanus* Kirkaldy, Proc. Hawaiian Ent. Soc. 2: 77. [Key]²¹
- 1925 *Oliarus kanakanus* Giffard, Proc. Hawaiian Ent. Soc. 6: 113 (63); Pl. VII,
Figs. 114, 115. [Described, illustrated.]² :64 (14). [Key.]
- 1932 *Oliarus kanakanus* Swezey and Williams, Proc. Hawaiian Ent. Soc. 8:
189. [Listed.]¹

kanakanus var. **punaensis** nom. nov. for *Oliarus kanakanus* var. *a* Giffard.

- 1925 *Oliarus kanakanus* var. *a* Giffard, Proc. Hawaiian Ent. Hawaiian
Soc. 6: 114 (64). [n. var.]¹ Islands¹

kaohinani Kirkaldy

- 1909 *Oliarus kaohinani* Kirkaldy, Proc. Hawaiian Ent. Soc. Hawaii¹
2: 78, 79. [n. sp.]¹ Hawaiian
- 1925 *Oliarus kaohinani* Giffard, Proc. Hawaiian Ent. Soc. 6: Islands²
119 (69); Pl. VII, Figs. 119, 120. [Described, illus-
trated.]² :64 (14). [Key.]

kaohinani var. **perkinsi** nom. nov. for *Oliarus kaohinani* var. *a* Giffard.

- 1925 *Oliarus kaohinani* var. *a* Giffard, Proc. Hawaiian Ent. Hawaiian
Soc. 6: 120 (70). [n. var.]¹ Islands¹

kaonohi Kirkaldy

- 1909 *Oliarus kaonohi* Kirkaldy, Proc. Hawaiian Ent. Soc. 2: Hawaii¹
77, 78. [n. sp.]¹ Hawaiian

- 1909 *Oliarus silvicola* Kirkaldy, Proc. Hawaiian Ent. Soc. **2**: 78. [n. sp.]¹ Islands²
- 1925 *Oliarus kaonohi* Giffard, Proc. Hawaiian Ent. Soc. **6**: 91 (41); Pl. IV, Figs. 61, 62. [Described, illustrated.]² Equals *Oliarus silvicola* Kirk.:63 (13). [Key.]
- kaonohi* var. *volcanicola* Kirkaldy. See *Oliarus filicicola* Kirkaldy.
- kauaiensis** Kirkaldy
- 1909 *Oliarus kauaiensis* Kirkaldy, Proc. Hawaiian Ent. Soc. **2**: 79. [n. sp.]¹ Hawaii¹
Hawaiian
- 1925 *Oliarus kauaiensis* Giffard, Proc. Hawaiian Ent. Soc. **6**: 123 (73); Pl. VI, Figs. 90, 91. [Described, illustrated.]² Islands²
:65 (15). [Key.]
- kaumuahona** Giffard
- 1925 *Oliarus kaumuahona* Giffard, Proc. Hawaiian Ent. Soc. **6**: 77 (27); Pl. III, Figs. 42, 43. [Illustrated, n. sp.]¹ :61 Hawaii
(11). [Key.] Islands¹
- kempi** Muir
- 1922 *Oliarus kempi* Muir, Rec. Indian Mus. **24**: 344. [n. sp.]¹ India¹
- kierpurensis** Muir
- 1922 *Oliarus kierpurensis* Muir, Rec. Indian Mus. **24**: 344. India¹
[n. sp.]¹
- kirkaldyi** Giffard
- 1925 *Oliarus kirkaldyi* Giffard, Proc. Hawaiian Ent. Soc. **6**: 77 (27); Pl. III, Figs. 31, 36, 45, 46, 47, 49. [Illustrated, Hawaii
n. sp.]¹ :61. (11). [Key.] Islands¹
- koae** Giffard
- 1925 *Oliarus koae* Giffard, Proc. Hawaiian Ent. Soc. **6**: 130 Hawaii¹
(80); Pl. VI, Fig. 103. [n. sp., illustrated.]¹ :65 (15).
[Key.]
- koanoa** Kirkaldy
- 1902 *Oliarus koanoa* Kirkaldy, Fauna Hawaïiensis **3**: 124; Pl. Hawaii¹
IV, Fig. 11. [n. sp., illustrated.]¹ :120. [Key.] :99. Hawaii
[Listed.] Islands²
- 1907 *Oliarus koanoa* Swezey, Proc. Hawaiian Ent. Soc. **1**: 83.
[Life history notes.]¹
- 1908 *Oliarus koanoa* Kirkaldy, Proc. Hawaiian Ent. Soc. **1**: 201. [Listed.]¹
- 1909 *Oliarus koanoa* Kirkaldy, Proc. Hawaiian Ent. Soc. **2**: 78, 79. [Key.]¹
- 1925 *Oliarus koanoa* Giffard, Proc. Hawaiian Ent. Soc. **6**: 72 (22); Pl. I, Fig. 2; Pl. III, Figs. 34, 35. [Described, illustrated.]² :62 (12). [Key.]

*Oliarus***koele** Giffard

- 1925 *Oliarus koele* Giffard, Proc. Hawaiian Ent. Soc. **6**: 93 (43); Pl. IV, Figs. 70, 71. [Illustrated, n. sp.]¹ :63 (13). [Key.] Hawaiian Islands¹

kulanus Giffard

- 1925 *Oliarus kulanus* Giffard, Proc. Hawaiian Ent. Soc. **6**: 117 (67); Pl. I, Fig. 6; Pl. VII, Figs. 118, 122. [Illustrated, n. sp.]¹ :64 (14). [Key.] Hawaiian Islands¹

coursengensis Distant

- 1911 *Oliarus coursengensis* Distant, Ann. Mag. Nat. Hist. India¹ (8) **8**: 737. [n. sp.]¹
 1916 *Oliarus coursengensis* Distant, Fauna British India **6**: 32; Fig. 18 (3). [Described, illustrated.]¹

lacteipennis Fowler

- 1904 *Oliarus lacteipennis* Fowler, Biologia Centrali-Americana **1**: 93; Pl. X, Figs. 17, 17a. [Illustrated, n. sp.]¹ Panama¹

lactescens Hesse

- 1925 *Oliarus lactescens* Hesse, Ann. South African Mus. **23**: 150; Pl. VII, Fig. 2. [Illustrated, n. sp.]¹ South Africa¹

laertes Kirkaldy

- 1906 *Oliarus laertes* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **1**: 398. [n. sp.]¹ :397. [Key.] New South Wales¹
 1907 *Oliarus laertes* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 107. [Key.]

lanaiensis Giffard

- 1925 *Oliarus lanaiensis* Giffard, Proc. Hawaiian Ent. Soc. **6**: 106 (56); Pl. V, Figs. 80, 81. [Illustrated, n. sp.]¹ :64 (14). [Key.] Hawaiian Islands¹

laratensis Muir

- 1924 *Oliarus laratensis* Muir, Philippine Jour. Sci. **24**: 526; Pl. 2, Figs. 20a, 20b. [Illustrated, n. sp.]^{1,2} Larat Island¹
 Timor Laut Island²

laticeps Melichar

- 1899 *Oliarius* [sic] *laticeps* Melichar, Wien Ent. Zeit **18**: 178. [n. sp.]¹ Tunis¹
 Turkestan²
 1899 *Oliarus laticeps* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]^{2,3} Algeria³
 1907 *Oliarius* [sic] *laticeps* Oshanin, Verz. Palaeark. Hemip. **2**: 238. [Listed.]^{3,1}
 1912 *Oliarus laticeps* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]^{3,1}

latifrons Walker

- 1851 *Cixius latifrons* Walker, List Homop. British Mus. 2: 344. [n. sp.]¹ Locality unknown¹
- 1859 *Cixius latifrons* Dohrn, Cat. Hemip. :60. [Listed.]¹
- 1907 *Oliarus latifrons* Distant, Ann. Mag. Nat. Hist. (7) 19: 281. [Listed.]¹
Equals *Cixius latifrons* Walk.

latipennis Jacobi

- 1928 *Oliarus latipennis* Jacobi, Mjoberg's Exp. Australia :34; Fig. 21. [Illustrated, n. sp.]¹ Australia¹

latus Melichar

- 1905 *Oliarus latus* Melichar, Wien. Ent. Zeit. 24: 281. [n. sp.]¹ E. Africa¹

leporina Linné

- 1761 *Cicada leporina* Linné, Fauna Suecica :242. [n. sp.]¹ Sweden¹
- 1767 *Cicada leporina* Linné, Syst. Nat. 12: 711. [Described.]³ Austria²
- 1778 *Cicada leporina* Goeze, Ent. Beyträge 2: 141. [Listed.] Europe³
- 1781 *Cicada leporina* Schrank, Enum. Ins. Aus. :260. [Described.]² Great Britain⁴
- 1789 *Cicada leporina* Gmelin, Linné Syst. Nat. 1 (4): 2114. [Described.]³ Ireland⁵
Spain⁶
- 1789 *Cicada leporina* Devillers, Linn. Ent. :465. [Described.]³ Italy⁷
- 1803 *Cicada leporina* Fabricius, Systema Rhyng. :52. To *Flata villosa* Fabr. [error.] Germany⁸
England⁹
- 1804 *Cicada leporina* Latreille, Hist. Nat. Ins. 12: 312. [Note.] Finland¹⁰
France¹¹
- 1806 *Cicada leporina* Fallén, Vet. Akad. Handl. 27: 126. To *Delphax cynosbatis* Fabr. [error.] Belgium¹²
Czecho-
- 1826 *Cicada leporina* Fallén, Hemip. Sueciae :72. To *Flata cunicularis* Fall. [error.] slovakia¹³
Asia Minor¹⁴
- 1828 *Cicada leporina* Zetterstedt, Fauna Ins. Lapponia :547. To *Cixius cynosbatis* Fabr. [error.] West China¹⁵
Turkestan¹⁶
- 1829 *Cixius leporinus* Curtis, Guide Arrang. British Ins. :194. [Listed.]^{1,5} W. Prussia¹⁷
Hungary¹⁸
- 1829 *Cixius leporinus* Stephens, Cat. British Ins. :356. [Listed.]⁹ Equals *Cicada leporina* Linn. Rumania¹⁹
Switzerland²⁰
- 1830 *Flata leporina* Germar, Thon Archiv 2: 50. [Described.]¹ Algeria²¹
Tunis²²
- 1834 *Cixius leporinus* Costa, Cenni Zool. :83. [Listed.]⁷ Palearctic
- 1835 *Flata leporinus* Herrich-Schäffer, Nom. Ent. 1: 105. [Listed.] Equals *Cicada leporina* Linn. :64. [Key.] Region²³
Albania²⁴
- 1837 *Cixius leporinus* Curtis, Guide Arrang. British Ins. Ed. 2: 223. [Listed.]¹ Finland²⁵
Armenia²⁶
- 1837 *Flata leporina* Gistel, Cicaden München :107 (12). [Listed.]³ Denmark²⁷
Crimea²⁸

Oliarus

- 1837 *Cixius leporinus* Curtis, British Ent. 14: Pl. 673. Russia²⁹
[Listed.]⁹ Greece³⁰
- 1837 *Flata leporina* Herrich-Schäffer, Deutschlands Ins. 144: Netherlands³¹
14. [Described, illustrated.] Isle of
- 1839 *Cixius leporina* Spinola, Ann. Soc. Ent. France 8: 324. Wight³²
[Listed.]⁹ Equals *Flata leporina* Germ. (England)
- 8140 *Cicada leporina* Zetterstedt, Ins. Lapponica Desc. :304.
To *Cixius cynobatis* Fabr. [error.]
- 1843 *Cixius leporinus* Contarini, Cat. Ins. 4: 29. [Listed.]⁷
- 1847 *Pittostigma* [non binom.] Amyot, Ann. Soc. Ent. France (2) 5: 165.
Equals *Cicada leporinus* Linn.
- 1847 *Cixius leporinus* [non binom.] Amyot, Ann. Soc. Ent. France (2) 5: 165.
[Described.]¹¹ Equals *Cicada leporinus* Linn. Equals *Flata cunicularius*
Panz. Equals *Flata stigmaticus* Germ.
- 1848 *Pittostigma* [non binom.] Amyot, Méth. Mon. :361. Equals *Cicada*
leporinus Linn.
- 1848 *Cixius leporinus* [non binom.] Amyot, Méth. Mon. :361. [Described.]¹¹
Equals *Cicada leporinus* Linn. Equals *Flata cunicularius* Panz. Equals
Flata stigmaticus Germ.
- 1850 *Cixius leporinus* Schaum, Allg. Ency. Ersch und Gruber 51: 68. [Listed.]³
Equals *Flata leporina* H.-S. Equals *Cicada leporina* Linn. Equals *Cer-*
copsis leporinus Panz. [nec Linn.] [error.]
- 1851 *Cixius leporinus* Walker, List. Homop. British Mus. 2: 339. [Listed.]⁹
Equals *Cicada leporina* Linn. Equals *Flata leporina* H.-S. Equals *Pit-*
lostigma Amyot.
- 1857 *Cixius leporinus* Perris, Ann. Soc. Linn. Lyon 4: 169 (89). [Listed.]¹¹
- 1857 *Cixius leporinus* Costa, O. G., Fauna Regno Napoli :4. [Described.]
- 1859 *Cixius leporinus* Dohrn, Cat. Hemip. :60. [Listed.]³
- 1860 *Cixius leporinus* Walker, List British Hemip. :16. [Listed.]⁹
- 1862 *Cixius leporinus* Curtis, Homop. British Ent.: Pl. 673. [Listed.]⁹
- 1866 *Cixius leporinus* Marshall, Ent. Monthly Mag. 3: 118. [Listed.]⁹
- 1870 *Oliarus pallidus* Scott [nec Herrich-Schäffer], Ent. Monthly Mag. 7: 119.
[Described.]⁹
- 1870 *Oliarus leporinus* Scott, Ent. Monthly Mag. 7: 120. Equals *Cicada lepo-*
rinus Linn. Equals *Flata leporina* Germ.
- 1871 *Oliarus leporinus* Sahlberg, Not. Fenn. (n. s.) 9 (12): 385. [Described.]¹⁰
Equals *Cicada leporinus* Linn. Equals *Flata pallida* H.-S. [error.] Equals
Pentastiridius pallens Kb. [error.]
- 1872 *Oliarus leporinus* Fieber, Kat. Europäischen Cicad. :3. [Listed.]³
- 1875 *Oliarus leporinus* Puton, Cat. Hémp. d'Europe 2 Ed. :114. [Listed.]³
- 1876 *Oliarus pallidus* Douglas and Scott [nec Herrich-Schäffer], Cat. British
Hemip.-Homop. :65. [Listed.]⁴ Equals *Flata pallida* H.-S. [error.] Equals
Cixius leporinus Curt. Equals *Pentastiridius pallens* Kb. [error.]
- 1876 *Oliarus leporinus* Douglas and Scott, Cat. British Hemip. :65. [Listed.]⁹
Equals *Cicada leporinus* Linn. Equals *Flata leporina* Linn. Equals
Pentastira leporina Kb. [error.] |

- 1876 *Oliarus leporinus* Douglas and Scott, Cat. British Hemip. :65. To *Oliarus pallidus* H.-S. [error.]
- 1876 *Oliarus leporinus* Fieber, Cicad. d'Europe Pt. 2: 213 (203). Equals *Pentastira leporinus* Kb. [error.] Equals *Cicada leporina* Linn. Equals *Cixius leporinus* Marsh. [error.]
- 1880 *Oliarus leporinus* Reuter, Medd. Soc. Fauna Fl. Fennica 5: 195. Equals *Oliarus pallidus* H.-S. [error.]
- 1880 *Oliarus leporinus* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 53. [Listed.]¹¹
- 1881 *Oliarus leporinus* Mayr, Ber. Natur.-Med. Ver. Innsbruck 10: 85 (9). [Listed.]²
- 1882 *Oliarus leporinus* Reuter, Zool. Jahrb. Syst. 2: 283. [Listed.]¹⁰ Equals *Oliarus pallidus* H.-S. [error.]
- 1882 *Cicada leporinus* Ferrari, Cicad. Agri Ligustici :83 (11). To *Oliarus leporinus* Linn.
- *1883 *Cicada leporina* Löw, Wien. Ent. Zeit. 2: 147. Equals *Flata pallida* H.-S. [error.]
- 1884 *Oliarus leporinus* Mayr, Tabellen :17. [Listed.]³
- 1885 *Oliarus leporinus* Ivanoff, Liste des Cigales :88. [Listed.] :110. [Key.]
- *1885 *Oliarus pallidus* Ivanoff, Liste des Cigales :28.
- 1886 *Oliarus pallidus* Edwards, Syn. British Homop.-Cicadina Pt. 1: 50. [Described, key.]¹ Equals *Flata pallida* H.-S. [error.] Equals *Cixius leporinus* Curt. Equals *Oliarus leporinus* Sahlb.
- 1886 *Oliarus leporinus* Edwards, Syn. British Homop.-Cicadina Pt. 1: 51. Equals *Cicada leporina* Linn. Equals *Flata leporina* Germ. Equals *Pentastira leporina* Kb. [error.]
- 1886 *Oliarus leporinus* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]³ Equals *Oliarus pallidus* H.-S. [error.]
- 1887 *Oliarus leporinus* Saunders, Ent. Monthly Mag. 24: 92. [Listed.]⁹
- 1888 *Oliarus leporinus* Costa, Atti Acc. Sci. Napoli (2) 1 (9): 39. [Listed.]⁷
- 1890 *Oliarus leporinus* Buckton, Mon. British Cicadae 1 :17. Equals *Cicada leporina* Linn. Equals *Flata leporina* Linn.
- 1890 *Oliarus pallidus* Buckton [nec Herrich-Schäffer], Mon. British Cicadae 1: 16; Pl. IV, Fig. 1. [Described, illustrated.]¹ Equals *Flatta* [sic] *pallida* H.-S. [error.] Equals *Cixius leporinus* Curt. Equals *Oliarus leporinus* Sahlb.
- 1890 *Oliarus leporinus* Dominique, Ann. Soc. Acad. Loire-Inf. 1890: 25. [Listed.]¹¹
- 1890 *Oliarus leporinus* Saunders and Edwards, Cat. British Hemip. :11. [Listed.]⁴ Equals *Oliarus pallidus* H.-S. [error.]
- 1892 *Oliarus leporinus* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]¹²
- 1892 *Oliarus leporinus* Duda, Cat. Ins. Faunae Bohemicae :27. [Listed.]¹³ Equals *Oliarus pallidus* H.-S. [error.]
- 1892 *Oliarus leporinus* Ferrari, Ann. Mus. Genova (2) 12: 568 (20). [Listed.]⁷
- 1894 *Oliarus leporinus* Edwards, Hemip.-Homop. British Islands Pt. 1: 23; Pl. 3, Fig. 6. [Described, illustrated, key.]¹

Oliarus

- 1896 *Oliarius* [sic] *leporinus* Melichar, Cicad. Mittel-Europa :32. [Described.]^{2,8}
Equals *Flata pallida* H.-S. [error.] :29. [Key.]
- 1897 *Oliarus leporinus* Horváth, Fauna Regni Hungariae :55. [Listed.]¹⁵
Equals *Oliarus pallidus* Fieb.
- 1899 *Oliarus leporinus* Marchal, Bull. Soc. Hist. Nat. Autun **11** : 589. [Listed.]¹¹
- 1899 *Oliarius* [sic] *leporinus* Melichar, Wien. Ent. Zeit. **18** : 179. [Listed.]²²
- 1899 *Oliarus leporinus* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]³ Equals
Oliarus pallidus H.-S. [error.]
- 1900 *Oliarus leporinus* Fokker, Tijdschr. Ent. **42** : 24. [Listed.]²¹
- 1901 *Oliarus leporinus* Horváth, Term. Fuzetek. **24** : 484. [Listed.]¹⁴
- 1901 *Oliarus leporinus* Lambertie, Act. Soc. Linn. Bordeaux **56** : (86). [Listed.]¹¹
- 1902 *Oliarius* [sic] *leporinus* Melichar, Ann. Mus. St. Petersburg **7** : 86 (11).
[Listed.]¹⁵
- 1902 *Cicada leporina* Sherborn, Index Animalium 1758–1800. [Listed.]
- 1902 *Oliarius* [sic] *leporinus* Cobelli, Cicadine Trentino :8. [Listed.]⁷
- 1904 *Oliarus leporinus* Hueber, Syst. Verz. deutschen Zikadinen :268.
[Listed.]⁸ Equals *Oliarus pallidus* H.-S. [error.]
- 1904 *Oliarus leporinus* Horváth, Ann. Mus. Nat. Hungarici **2** : 579. [Listed.]¹⁶
- 1906 *Oliarus leporinus* Matsumura, Schr. Nat. Ges. Danzig **11** : 75. [Listed.]¹⁷
- 1906 *Oliarius* [sic] *leporinus* Schuguirow, Zool. Anz. **30** : 712. [Listed.]²⁸
- 1907 *Oliarus leporinus* Butler, Ent. Monthly Mag. **43** : 253. [Listed.]³²
- 1907 *Oliarius* [sic] *leporinus* Oshanin, Verz. Palaeark. Hemip. **2** : 238. [Listed.]¹.
2,4,6,7,8,11,14,15,16,18,19,20,21,22,29 Equals *Cicada leporina* Linn. Equals *Oliarius*
[sic] *pallidus* Scott [nec Linn.]
- 1908 *Oliarius* [sic] *leporinus* Oshanin, Verz. Palaeark. Hemip. **3** : 445. [Listed.]
^{30,31}
- 1908 *Oliarus leporinus* Saunders and Edwards, Cat. of British Hemip. :14.
[Listed.]⁴ Equals *Oliarus pallidus* H.-S. [error.]
- 1910 *Oliarus leporinus* Lambertie, Misc. Ent. **18** : 90. [Listed.]¹¹ Equals *Oliarus*
pallidus H.-S. [error.]
- 1912 *Oliarus leporinus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]²⁸ Equals
Oliarus pallidus Scott [nec H.-S.].
- 1913 *Oliarius* [sic] *leporinus* Dalla Torre, Ent. Jahrb. **22** : 149. [Listed.]²
- 1915 *Oliarius* [sic] *leporinus* Jacobsen, Ent. Medd. **10** : 318. [Listed.]²⁷
- 1915 *Oliarus leporinus* Jensen-Haarup, Kobenhavn Flora og Fauna **1915** : 88;
Figs. 8a–c. [Described, illustrated.]²⁷
- 1916 *Oliarus leporinus* Horváth, Ann. Mus. Nat. Hungarici **14** : 15. [Listed.]²⁴
Equals *Oliarus pallidus* Scott [nec H.-S.].
- 1920 *Oliarus leporinus* Jensen-Haarup, Danmarks Fauna :25; Fig. 11. [De-
scribed, illustrated.]²⁷
- 1920 *Oliarus leporinus* Tullgren and Wahlgren, Svenska Insekter :150. [Notes.]
- 1924 *Oliarus leporinus* Lindberg, Acta Soc. Fauna Flora Fenn. **56** : 38. [Notes.]²⁵
:45. [Listed.]
- 1926 *Oliarius* [sic] *leporinus* Rémy-Perrier, Homop. Faune France :92. [Key.]
- 1927 *Oliarius* [sic] *leporinus* Kusnezov, Zool. Anz. **72** : 261. [Listed.]²⁶
- 1928 *Oliarius* [sic] *leporinus* Ivanov, Rev. Russe d'Ent. **22** : 56; Fig. 2. [Geni-
talia, described, illustrated.]

1929 *Oliarus leporinus* Kusnezov, Zool. Anz. **79**: 328. [Listed.]¹⁶

eporinus Fieber [nec Linné]. See *Oliarus panzeri* Löw.

leporinus Panzer [nec Linné]. See *Oliarus panzeri* Löw.

leporinus Scott [nec Linné]. See *Oliarus panzeri* Löw.

lihue Giffard

1925 *Oliarus lihue* Giffard, Proc. Hawaiian Ent. Soc. **6**: 125 Hawaiian
(75); Pl. VI, Figs. 94, 95. [Illustrated, n. sp.]¹ :65 (15). Islands¹
[Key.]

likelike Giffard

1925 *Oliarus likelike* Giffard, Proc. Hawaiian Ent. Soc. **6**: 86 Hawaiian
(36); Pl. IV, Figs. 58, 59. [Illustrated, n. sp.]¹ :63 (13). Islands¹
[Key.]

lilinoe Kirkaldy

1907 *Oliarus lilinoe* Kirkaldy, Bull. Hawaiian Sugar Pl. Queensland¹
Assoc. **3**: 108. [n. sp.]¹ [Key.] :12. [Listed.]

limbatus Fieber

1872 *Oliarus limbatus* Fieber, Kat. Europäischen Cicad. :3. Spain¹
[Listed.]¹ [nom. nud.] Portugal²

1876 *Oliarus limbatus* Fieber, Cicad. d'Europe Pt. **2**: 200
(190). [n. sp.]¹

1880 *Oliarus limbatus* Chicote, An. Soc. Española **9**: 200 (16). [Listed.]¹

1886 *Oliarus limbatus* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]¹

1899 *Oliarus limbatus* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]¹

1907 *Oliarius* [sic] *limbatus* Oshanin, Verz. Palaeark. Hemip. **2**: 236. [Listed.]¹

1912 *Oliarus limbatus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]^{1,2}

1928 *Oliarus limbatus* Lallemand, Mem. Est. Mus. Zool. Univ. Coimbra **1928**:
7. [Listed.]²

1930 *Oliarus limbatus* de Seabra, Arq. Secc. Biol. e Par. **1** (4): 348. [Notes.]²

limbifer Hesse

1925 *Oliarus limbifer* Hesse, Ann. South African Mus. **23**: S. Africa¹
151; Pl. VII, Fig. 4. [n. sp., illustrated.]¹

longicauda Muir

1924 *Oliarus longicauda* Muir, Philippine Jour. Sci. **24**: 516; Mindanao¹
Pl. 1, Figs. 7a-b. [n. sp., illustrated.]¹ (Philippine I.)

longipennis Melichar

1911 *Oliarus longipennis* Melichar, Bull. Mus. Hist. Nat. Ethiopia¹
Paris **1911**: 114. [n. sp.]¹

longulus Muir

1924 *Oliarus longulus* Muir, Philippine Jour. Sci. **24**: 515; Mindanao¹
Pl. 1, Figs. 6a-c. [Illustrated, n. sp.]¹ (Philippine I.)

*Oliarus***lubra** Kirkaldy

- 1906 *Oliarus lubra* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Queensland¹
1: 400. [n. sp.]¹ :398. [Key.]
- 1907 *Oliarus lubra* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 109; Pl. VIII,
Figs. 7-9. [Notes, illustrated.] :108. [Key.]

lubra var. **vitiensis** Kirkaldy

- 1907 *Oliarus lubra vitiensis* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 109. [var. n.]¹ :12. [Listed.] Viti Levu¹
(Fiji I.)

lubra Distant. See *Oliarus incerta* Distant.

lucidipes Muir

- 1924 *Oliarus lucidipes* Muir, Philippine Jour. Sci. 24: 512, Basilan¹
Pl. I, Figs. 3a, b. [Illustrated, n. sp.]^{1,2,3,4} Mindanao²
Luzon³
Penang⁴
(Philippine I.)

lucidus nom. nov. for *Oliarus vitreus* Metcalf 1923 [nec *Oliarus vitreus* Melichar 1905].

- 1923 *Oliarus vitreus* Metcalf, Jour. Elisha Mitchell Soc. 38: North
180; Fig. 574. [Illustrated, n. sp.]¹ :161. [Key.] [nom Carolina¹
praeoc.]
- 1928 *Oliarus vitreus* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 65.
[Described.]¹

lugubris Fieber

- 1872 *Oliarus lugubris* Fieber, Kat. Europäischen Cicad. :3. Russia¹
[Listed.] [nom. nud.]¹ Rumania²
- 1875 *Oliarus lugubris* Puton, Cat. Hémip. d'Europe 2d. E.
:114. [Listed.] [nom. nud.]¹
- 1876 *Oliarus lugubris* Fieber, Cicad. d'Europe Pt. 2: 211 (201). [n. sp.]¹
- 1886 *Oliarus lugubris* Puton, Cat. Hémip. Faune Pal. :70. [Listed.]¹
- 1899 *Oliarus lugubris* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]¹
- 1907 *Oliarius* [sic] *lugubris* Oshanin, Verz. Palaeark. Hemip. 2: 239. [Listed.]^{1,2}
- 1912 *Oliarus lugubris* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]^{1,2}

lunata Fabricius

- 1803 *Flata lunata* Fabricius, Systema Rhyng. :54. [n. sp.]¹ West Indies¹
- 1830 *Flata lunata* Germar, Thon Archiv 2: 50. [Described.]¹ S. America²
- 1850 *Flata lunata* Schaum, Allg. Ency. Ersch und Gruber 51: Isle of Pines³
73. [Listed, Doubtful Fulgorid.] (West Indies)
- 1869 *Oliarus lunatus* Stål, Hemip. Fabriciana 2: 92. [De-
scribed.]² Equals *Flata lunata* Fabr.
- 1917 *Oliarus lunatus* Heidemann and Osborn, Ann. Carnegie Mus. 11: 348.
[Listed.]³
- 1927 *Flata lunata* Sherborn, Index Animalium 14: 3706. [Listed.]

lutescens Fieber

- 1872 *Oliarus lutescens* Fieber, Kat. Europäischen Cicad. :3. Spain¹
[Listed.] [nom. nud.]¹ Portugal²
- 1875 *Oliarus lutescens* Puton, Cat. Hémip. d'Europe 2d. E. Algeria³
:114. [Listed.] [nom. nud.]¹ Morocco⁴
- 1876 *Oliarus lutescens* Fieber, Cicad. d'Europe Pt. 2: 212
(202). [n. sp.]¹
- 1880 *Oliarus lutescens* Chicote, An. Soc. Española 9: 200 (16). [Listed.]^{1,2}
- 1886 *Oliarus lutescens* Puton, Cat. Hémip. Faune Pal. :70. [Listed.]^{1,2}
- 1899 *Oliarus lutescens* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]¹
- 1907 *Oliarius* [sic] *lutescens* Oshanin, Verz. Palaeark. Hemip. 2: 239. [Listed.]¹
- 1908 *Oliarius* [sic] *lutescens* Oshanin, Verz. Palaeark. Hemip. 3: 445. [Listed.]³
- 1912 *Oliarus lutescens* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]^{1,3}
- 1916 *Oliarus lutescens* Bergevin, Bull. Soc. Hist. Nat. Afrique du Nord 7: 315.
[Listed.]⁴

maculatus Fieber (var.). See *Oliarus major* var. *roridus* Fieber.

maculifrons Walker

- 1851 *Cixius maculifrons* Walker, List Homop. British Mus. Sierra Leone¹
2: 343. [n. sp.]¹
- 1859 *Cixius maculifrons* Dohrn, Cat. Hemip. :60. [Listed.]¹
- 1907 *Oliarus maculifrons* Distant, Ann. Mag. Nat. Hist. (7) 19: 280. [Listed.]¹
Equals *Cixius maculifrons* Walk.

maculipennis Muir

- 1924 *Oliarus maculipennis* Muir, Philippine Jour. Sci. 24: Larat Island¹
519; Pl. 2, Fig. 11. [Illustrated, n. sp.]^{1,2} Timor Laut²

maculosus Hesse

- 1925 *Oliarus maculosus* Hesse, Ann. South African Mus. 23: S. Africa¹
152; Pl. VII, Fig. 3. [Illustrated, n. sp.]¹

major Kirschbaum

- 1868 *Pentastira major* Kirschbaum, Cicad. Wiesbaden :44. Hungary¹
[n. sp.]¹ Greece²
- 1872 *Oliarus roridus opalinus* Fieber, Kat. Europäischen Albania³
Cicad. :3. [Listed.]² [nom. nud.] Equals *Pentastira major* Syria⁴
Kb. Turkey⁵
- 1872 *Oliarus roridus opalina* Fieber, Verh. Zool. Bot. Ges. Asia Minor⁶
Wien 22: 29. Equals *Pentastira major* Kb. Trans-
- 1875 *Oliarus roridus major* Puton, Cat. Hémip. d'Europe 2 caucasus⁷
Ed. :113. [Listed.]^{2,5} Equals *Oliarus opalinus* Fieb. S. E. Europe⁸
- 1876 *Oliarus roridus opalinus* Fieber, Cicad. d'Europe Pt. 2: Caucasus⁹
202 (192). [var. n.]^{1,3,4} Equals *Pentastiridius major* Kb. Armenia¹⁰
- 1876 *Oliarus roridus maculatus* Fieber, Cicad. d'Europe Pt. 2: Crete¹¹
201 (191). [var. n.]

Oliarus

- 1886 *Oliarus roridus major* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]^{2,5}
 Equals *Oliarus opalinus* Fieb.
- 1894 *Oliarus major* Horváth, Rev. Ent. **13**: 177. [Listed.]⁷
- 1897 *Oliarus major* Horváth, Fauna Regni Hungariae :54. [Listed.]¹
- 1899 *Oliarus major* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]^{1,2,5} Equals
Oliarus opalinus Fieb.
- 1901 *Oliarus major* Horváth, Term. Fuzetek. **24**: 484. [Listed.]⁶
- 1905 *Oliarus major* Horváth, Ann. Nat. Hofmus. Wien **20**: 9. [Listed.]⁶
- 1907 *Oliarius* [sic] *major* Oshanin, Verz. Palaeark. Hemip. **2**: 236. [Listed.]^{1,4,5,7}
 Equals *Pentastira major* Kb. Equals *Oliarius* [sic] *roridus opalinus* Fieb.
- 1912 *Oliarus major* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]^{4,6,8,9}
 Equals *Oliarus opalinus* Fieb.
- 1914 *Oliarus major* Melichar, Mitt. Kaukasischen Mus. **8**: 132 (6). [Listed.]⁹
- 1925 *Oliarus major* Muir, Pan-Pacific Ent. **1**: 103. Equals *Pentastira major* Kb.
- 1927 *Oliarius* [sic] *major* Kusnezov, Zool. Anz. **72**: 261. [Listed.]¹⁰
- 1928 *Oliarius* [sic] *major* Haupt, Abh. Natur. Ver. Bremen **27**: 92. [Listed.]¹¹

major var. **roridus** Fieber

- 1872 *Oliarus roridus* Fieber, Kat. Europäischen Cicad. :3. Russia¹
 [Listed.]¹ [nom. nud.]¹ Greece²
- 1875 *Oliarus roridus* Puton, Cat. Hemip. d'Europe 2 Ed. Corfu³
 :113. [Listed.]¹ [nom. nud.] Turkey⁴
- 1876 *Oliarus roridus* Fieber, Cicad. d'Europe Pt. 2: 202 (192). Hungary⁵
 [n. sp.]^{1,2,3,4,5,10} Armenia⁶
- 1884 *Oliarus roridus* Mayr, Tabellen :17. [Listed.]⁵ S. Europe⁷
- 1885 *Oliarus roridus* Ivanoff, Liste des Cigales :110. [Key.] Germany⁸
- 1886 *Oliarus roridus* Puton, Cat. Hémip. Faune Pal. :69. Asia Minor⁹
 [Listed.]^{1,5} Syria¹⁰
- 1891 *Oliarus roridus* Horváth, Rev. Ent. **10**: 74. [Listed.]⁶ Caucasus¹¹
- 1896 *Oliarius* [sic] *roridus* Melichar, Cicad. Mittel-Europa Afghanistan¹²
 :30. [Described.]^{5,7,8} :29. [Key.]
- 1897 *Oliarus major roridus* Horváth, Fauna Regni Hungariae :54. [Listed.]⁵
- 1899 *Oliarus major roridus* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]^{1,5}
- 1907 *Oliarius* [sic] *major roridus* Oshanin, Verz. Palaeark. Hemip. **2**: 236.
 [Listed.]^{1,2,3,5,9,10,11} Equals *Oliarius* [sic] *roridus* Fieb.
- 1912 *Oliarus major roridus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]¹²

makaala Giffard

- 1925 *Oliarus makaala* Giffard, Proc. Hawaiian Ent. Soc. **6**: 87 Hawaiian I.¹
 (37); Pl. IV, Figs. 54, 55. [n. sp., illustrated.]¹ :62 (12).
 [Key.]

marginalis Walker. See *Oliarus oppositus* Walker.

marginellus Fieber [nom. nud.]. See *Oliarus pallens* Germar.

massaicus Jacobi

- 1910 *Oliarus massaicus* Jacobi, Zool. Exp. Kilimandjaro :106; Tanganyika
 Pl. 1, Fig. 13. [n. sp., illustrated.]¹ Territory¹

mauiensis Giffard

- 1925 *Oliarus mauiensis* Giffard, Proc. Hawaiian Ent. Soc. 6: Hawaiian I.¹
109 (59); Pl. VII, Figs. 112, 113. [n. sp., illustrated.]¹
:64 (14). [Key.]

melanesica Kirkaldy

- 1907 *Urvillea melanesica* Kirkaldy, Bull. Hawaiian Sugar Pl. Fiji¹
Assoc. 3: 110. [n. sp.]¹ :12. [Listed.]
1925 *Oliarus melanesica* Muir, Pan-Pacific Ent. 1: 104. Equals *Urvillea*
melanesica Kirk.

melanochaetus Fieber

- 1872 *Oliarus melanochaetus* Fieber, Kat. Europäischen Cicad. S. Russia¹
:3. [Listed.]^{1,2} [nom. nud.] France²
1875 *Oliarus melanochaetus* Puton, Cat. Hémipt. d'Europe 2 Russia³
Ed. :113. [Listed.]^{2,3} [nom. nud.] Italy⁴
1876 *Oliarus melanochaetus* Fieber, Cicad. d'Europe Pt. 2: Germany⁵
198 (188). [n. sp.]^{1,2} S. Europe⁶
1882 *Oliarus melanochoetus* [sic] Ferrari, Cicad. Agri Ligustici Crimea⁷
:83 (11). [Key.] Austria⁸
1882 *Oliarus melanochaetus* Ferrari, Cicad. Agri Ligustici :83 Yugoslavia⁹
(11). [Listed.]¹ Hungary¹⁰
1883 *Oliarus melanochaetus* Löw, Wien. Ent. Zeit. 2: 60. Rumania¹¹
[Listed.]^{2,3} Caucasus¹²
1886 *Oliarus melanochaetus* Puton, Cat. Hémipt. Faune Pal.
:69. [Listed.]^{2,3,4,5,8}
1892 *Oliarus melanochaetus* Ferrari, Ann. Mus. Genova (2) 12: 568 (20).
[Listed.]¹
1896 *Oliarius* [sic] *melanochaetus* Melichar, Cicad. Mittel-Europa :30. [De-
scribed.]^{6,8} :29. [Key.]
1897 *Oliarus melanochaetus* Horváth, Fauna Regni Hungariae :54. [Listed.]¹⁰
1899 *Oliarus melanochaetus* Puton, Cat. Hémipt. Faune Pal. :103. [Listed.]^{2,3,4,}
^{5,8}
1903 *Oliarus melanochaetus* Lambertie, Act. Soc. Linn. Bordeaux 58: (2).
[Listed.]²
1904 *Oliarus melanochatatus* [sic] Lambertie, Act. Soc. Linn. Bordeaux 59:
XXX (14). [Listed.]²
1904 *Oliarus melanochaetus* Hueber, Syst. Verz. deutschen Zikadinen :268.
[Listed.]⁵
1906 *Oliarius* [sic] *melanochaetus* Schuguwrow, Zool. Anz. 30: 711. [Listed.]⁷
1907 *Oliarius* [sic] *melanochaetus* Oshanin, Verz. Palaeark. Hemipt. 2: 235.
[Listed.]^{1,2,4,8,9,10,11,12}
1910 *Oliarus melanochaetus* Lambertie, Misc. Ent. 18: 89. [Listed.]²
1912 *Oliarus melanochaetus* Oshanin, Kat. Palaeark. Hemipt. :116. [Listed.]^{6,12}
1914 *Oliarus melanochaetus* Melichar, Mitt. Kaukasischen Mus. 8: 133 (7).
[Listed.]¹²

Oliarus

- 1918 *Oliarus melanochaetus* Horváth, Ann. Mus. Nat. Hungarici 16: 330.
[Listed.]⁹
- 1928 *Oliarus melanochaetus* Kusnezov, Ent. Nachrichtenblatt 2: 51. [Notes.]

melanochaetus var. **fasciatus** Kusnezov

- 1928 *Oliarus melanochaetus fasciatus* Kusnezov, Ent. Nachrichtenblatt 2: 52. [n. var.]¹ Caucasus¹

melanochaetus. Typographical error for *Oliarus melanochaetus* Fieber.

melanochoetus. Typographical error for *Oliarus melanochaetus* Fieber.

melichari Distant. See *Oliarus frontalis* Melichar.

minusculus Melichar

- 1913 *Oliarus minusculus* Melichar, Mitt. Kaukasischen Mus. Armenia¹
7: 13. [n. sp.]^{1,2} Russia²

minutus Matsumura

- 1910 *Oliarus minutus* Matsumura, Jour. Coll. Sci. Tokyo Tunis¹
27: 8. [n. sp.]¹
- 1912 *Oliarus minutus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]¹

modestus Haupt

- 1927 *Oliarus modestus* Haupt, Homop. Palestine 1: 8. [n. sp.]¹ Palestine¹

modicus Walker

- 1857 *Cixius modicus* Walker, Jour. Linn. Soc. Zool. 1: 148. Borneo¹
[n. sp.]¹
- 1859 *Cixius modicus* Dohrn, Cat. Hemip. :61. [Listed.]¹
- 1907 *Oliarus modicus* Distant, Ann. Mag. Nat. Hist. (7) 19: 281. [Listed.]¹
Equals *Cixius modicus* Walk.

moestus Stål

- 1885 *Cixius moestus* Stål, Ofv. Svenska Vet. Akad. Forh. 12: Natal¹
92. [n. sp.]¹ Cape
- 1858 *Cixius moestus* Walker, List. Homop. British Mus. Add. Province²
:322. [Listed.]¹
- 1859 *Cixius moestus* Dohrn, Cat. Hemip. :61. [Listed.]²
- 1862 *Oliarus moestus* Stål, Berliner Ent. Zeit. 6: 306. Equals *Cixius moestus*
Stål.
- 1866 *Oliarus moestus* Stål, Hemip. Africana 4: 169. [Described.]² Equals *Cixius*
moestus Stål.

molokaiensis Kirkaldy (var.). See *Oliarus orono* var. *molokaiensis* Kirkaldy.

montanus Metcalf

- 1923 *Oliarus montanus* Metcalf, Jour. Elisha Mitchell Soc. North
38: 179; Figs. 269, 566. [Illustrated, n. sp.]^{1,2} :160. Carolina¹
[Key.] Virginia²

- 1928 *Oliarus montanus* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 64. [Described.]^{1,2}
montanus Giffard. See *Oliarus giffardi* Metcalf.
- monticola** Kirkaldy
- 1909 *Oliarus monticola* Kirkaldy, Proc. Hawaiian Ent. Soc. **2**: 78. [n. sp.]¹ Hawaii¹
 Hawaiian
- 1925 *Oliarus monticola* Giffard, Proc. Hawaiian Ent. Soc. **6**: 148 (98). [Described.]² Islands²
- montivagus* Kirkaldy. See *Oliarus filicicola* Kirkaldy.
- morai** Kirkaldy
- 1902 *Oliarus tarai morai* Kirkaldy, Fauna Hawaiiensis **3**: 123. Hawaii¹
 [var. n.]¹ :99. [Listed.] Hawaiian I.²
- 1908 *Oliarus morai* Kirkaldy, Proc. Hawaiian Ent. Soc. **1**: 201. [Listed.]¹ Equals *Oliarus tarai morai* Kirk.
- 1909 *Oliarus morai* Kirkaldy, Proc. Hawaiian Ent. Soc. **2**: 77, 78. [Key.]¹
- 1925 *Oliarus morai* Giffard, Proc. Hawaiian Ent. Soc. **6**: 101 (51); Pl. V, Figs. 76, 77. [Described, illustrated.]² :63 (13). [Key.]
- mori** Matsumura
- 1914 *Oliarus mori* Matsumura, Annot. Zool. Japonenses **8**: 426. [n. sp.]¹ Formosa¹
- 1915 *Oliarus mori* Schumacher, Homop.-Fauna Insel Formosa :115. [Listed.]¹
- 1931 *Oliarus mori* Clausen, Cir. United States Dept. Agr. **168**: 10. [Listed.]¹
- muri** Giffard
- 1925 *Oliarus muri* Giffard, Proc. Hawaiian Ent. Soc. **6**: 66 (16); Pl. II, Figs. 19-21. [n. sp., illustrated.]¹ :61 (11). [Key.]¹ Hawaii¹
- musca** Breddin
- 1905 *Oliarus musca* Breddin, Mitt. Mus. Hamburg **22**: 224. Banguay¹
 [n. sp.]¹ (East Indies)
- myoporica** Giffard
- 1925 *Oliarus myoporica* Giffard, Proc. Hawaiian Ent. Soc. **6**: 74 (24); Pl. I, Figs. 12, 13; Pl. III, Figs. 37, 38, 44. Hawaiian
 [Illustrated, n. sp.]¹ :62 (12). [Key.]¹ Islands¹
- nanus** Ivanoff
- 1885 *Oliarus nanus* Ivanoff, Liste des Cigales :110. [n. sp.] Russia¹
 :88. [Listed.]
- 1907 *Oliarus* [sic] *nanus* Oshanin, Verz. Palaeark. Hemip. **2**: 240. [Listed.]¹
- 1912 *Oliarus nanus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]¹

*Oliarus***natalensis** Stål

- 1855 *Cixius natalensis* Stål, Ofv. Svenska Vet. Akad. Forh. 12: 92. [n. sp.]¹ Natal¹
Caffraria²
- 1858 *Cixius natalensis* Walker, List Homop. British Mus. Add. :321. [Listed.]¹
- 1859 *Cixius natalensis* Dohrn, Cat. Hemip. :60. [Listed.]²
- 1866 *Oliarus natalensis* Stål, Hemip. Africana 4: 167. [Described.]² Equals *Cixius natalensis* Stål.

neomorai Giffard

- 1925 *Oliarus neomorai* Giffard, Proc. Hawaiian Ent. Soc. 6: 102 (52). [n. sp.]¹ :63 (13). [Key.] Hawaiian Islands¹

neomorai var. **oahuana** nom. nov. for *Oliarus neomorai* var. *a* Giffard.

- 1925 *Oliarus neomorai* var. *a* Giffard, Proc. Hawaiian Ent. Soc. 6: 103 (53). [n. var.]¹ Hawaiian Islands¹

nemoricola Kirkaldy

- 1909 *Oliarus nemoricola* Kirkaldy, Proc. Hawaiian Ent. Soc. 2: 79. [n. sp.]¹ Hawaii¹
Hawaiian
- 1925 *Oliarus nemoricola* Giffard, Proc. Hawaiian Ent. Soc. 6: 148 (98). [Described.]² Islands²

neotarai Giffard

- 1925 *Oliarus neotarai* Giffard, Proc. Hawaiian Ent. Soc. 6: 99 (49); Pl. IV, Figs. 66, 67. [Illustrated, n. sp.]¹ :62 (12), 63 (13). [Key.] Hawaiian Islands¹

niger Giffard

- 1925 *Oliarus niger* Giffard, Proc. Hawaiian Ent. Soc. 6: 131 (81); Pl. VI, Figs. 88, 89, 96. [n. sp., illustrated.]¹ :64 (14). [Key.] Hawaii¹

nigro-alutaceus Fowler

- 1904 *Oliarus nigro-alutaceus* Fowler, Biologia Centrali-Americana 1: 95; Pl. X, Figs. 23, 23a, 24. [Illustrated, n. sp.]¹ Mexico¹

nigrofurcatus Signoret

- 1884 *Oliarus nigrofurcatus* Signoret, Bull. Soc. Ent. France (6) 4: lxxii. [n. sp.]¹ Turkestan¹
Afghanistan²
- 1886 *Oliarus nigrofurcatus* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]¹ Persia³
Iraq⁴
- 1899 *Oliarus nigrofurcatus* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]¹ Caucasus⁵
- 1902 *Oliarius* [sic] *nigrofurcatus* Melichar, Ann. Mus. St. Petersburg 7: 87 (12). [Listed.]^{2,3}

- 1907 *Oliarius* [sic] *nigrofurcatus* Oshanin, Verz. Palaeark. Hemip. 2: 237. [Listed.]^{1,2,3}
 1912 *Oliarius nigrofurcatus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]^{1,3}
 1914 *Oliarius nigrofurcatus* Melichar, Mitt. Kaukasischen Mus. 8: 133 (7). [Listed.]⁵
 1927 *Oliarius* [sic] *nigrofurcatus* China, Ent. Mitt. 16: 189. [Listed.]^{1,3,4}
 1929 *Oliarius nigrofurcatus* Kusnezov, Zool. Anz. 79: 328. [Listed.]¹

nigrofurcatus var. **fumatus** Melichar

- 1902 *Oliarius* [sic] *nigrofurcatus fumatus* Melichar, Ann. Mus. Afghanistan¹
 St. Petersburg 7: 87 (12). [n. var.]¹
 1907 *Oliarius* [sic] *nigrofurcatus fumatus* Oshanin, Verz. Palaeark. Hemip.
 2: 237. [Listed.]¹
 1912 *Oliarius nigrofurcatus fumatus* Oshanin, Kat. Palaeark. Hemip. :116.
 [Listed.]¹

nigrosignatus Melichar

- 1908 *Oliarius nigrosignatus* Melichar, Čas. České Spol. Ent. East Africa¹
 5: 8. [n. sp.]¹

nosibeaneus Jacobi

- 1917 *Oliarius nosibeaneus* Jacobi, Reise in Ostafrika 3: 528; Madagascar¹
 Pl. 32, Figs. 8, 8a. [Illustrated, n. sp.]¹

nubigenus Kirkaldy

- 1909 *Oliarius nubigenus* Kirkaldy, Proc. Hawaiian Ent. Soc. Hawaii¹
 2: 78. [n. sp.]¹ Hawaii
 1913 *Oliarius nubigenus* Swezey, Proc. Hawaiian Ent. Soc. 2: Islands²
 199. [Listed.]¹
 1925 *Oliarius nubigenus* Giffard, Proc. Hawaiian Ent. Soc. 6: 82 (32); Pl. I,
 Figs. 3, 8; Pl. IV, Figs. 52, 53. [Described, illustrated.]² :62 (12). [Key.]

nuwarae Distant

- 1911 *Oliarius nuwarae* Distant, Ann. Mag. Nat. Hist. (8) 8: Ceylon¹
 737. [n. sp.]¹
 1916 *Oliarius nuwarae* Distant, Fauna British India 6: 32; Fig. 18. (1). [De-
 scribed, illustrated.]¹
 1925 *Oliarius nuwarae* Singh-Pruthi, Trans. Ent. Soc. London 1925: 224; Pl.
 XXIX, Fig. 249. [Genitalia, illustrated.]

oahuensis Kirkaldy (var.). See *Oliarius orono* var. *oahuensis* Kirkaldy.

obsoletus Signoret. See *Iyalesthes obsoletus* Signoret.

obscurus Signoret

- 1865 *Cixius obscurus* Signoret, Ann. Soc. Ent. France (4) 5: S. France¹
 127. [n. sp.]¹ S. Russia²
 1872 *Oliarius signatus* Fieber, Kat. Europäischen Cicad. :3. France³
 [nom. nud.] [Listed.]² Trans-

Oliarus

- 1872 *Cixius obscurus* Fieber, Kat. Europäischen Cicad. :3. caucasus⁴
[Listed.]¹ Egypt⁵
- 1875 *Oliarus obscurus* Puton, Cat. Hémipt. d'Europe 2d. E. Caucasus⁶
:113. [Listed.]¹ Italy⁷
- 1875 *Oliarus signatus* Puton, Cat. Hémipt. d'Europe 2d. E.
:114. [Listed.] [nom. nud.]^{2,3}
- 1876 *Oliarus signatus* Fieber, Cicad. d'Europe Pt. 2: 210 (200). [n. sp.]²
- 1876 *Oliarus signatus* Puton, Ann. Soc. Ent. France (5) 6: 289. [Listed.]¹
- 1884 *Oliarius* [sic] *obscurus* Signoret, Bull. Soc. Ent. France (6) 4: lxxviii.
[Listed.]^{1,2} Equals *Oliarius* [sic] *signatus* Fieb.
- 1886 *Oliarus obscurus* Puton, Cat. Hémipt. Faune Pal. :69. [Listed.]^{1,2} Equals
Oliarus signatus Fieb.
- 1888 *Oliarus signatus* Costa, Atti Acc. Sci. Napoli (2) 1 (13): 8. [Listed.]⁷
- 1894 *Oliarus obscurus* Horváth, Rev. Ent. 13: 177. [Listed.]⁴
- 1899 *Oliarus obscurus* Puton, Cat. Hémipt. Faune Pal. :103. [Listed.]^{1,2} Equals
Oliarus signatus Fieb.
- 1907 *Oliarius* [sic] *obscurus* Oshanin, Verz. Palaeark. Hemip. 2: 238. [Listed.]¹.
^{2,4} Equals *Cixius obscurus* Sign. Equals *Oliarius* [sic] *signatus* Fieb.
- 1911 *Oliarus obscurus* Horváth, Bull. Soc. Ent. Égypte 3: 117. [Listed.]⁵
- 1912 *Oliarus obscurus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]^{1,2,5,6}
Equals *Oliarus signatus* Fieb.

ogasawarensis Matsumura

- 1914 *Oliarus ogasawarensis* Matsumura, Annot. Zool. Japono- Bonin Island¹
nenses 8: 422. [n. sp.]¹ (Japan)
- 1930 *Oliarus ogasawarensis* Esaki, Bull. Biogeo. Soc. Japan
1: 212. [Listed.]¹

olympus Giffard

- 1925 *Oliarus olympus* Giffard, Proc. Hawaiian Ent. Soc. 6: Hawaii¹
106 (56); Pl. V, Figs. 78, 79; Pl. VI, Fig. 109. [n. sp.,
illustrated.]¹ :64 (14). [Key.]

olympus var. **paliensis** nom. nov. for *Oliarus olympus* var. *a* Giffard.

- 1925 *Oliarus olympus* var. *a* Giffard, Proc. Hawaiian Ent. Hawaiian
Soc. 6: 108 (58). [n. var.]¹ Islands¹

opalinus Fieber. See *Oliarus major* Kirschbaum.

oppositus Walker

- 1851 *Cixius oppositus* Walker, List Homop. British Mus. 2: New Zealand¹
345. [n. sp.]¹
- 1858 *Cixius marginalis* Walker, List Homop. British Mus. Suppl. :82. [n. sp.]¹
- 1859 *Cixius oppositus* Dohrn, Cat. Hemip. :60. [Listed.]¹
- 1874 *Cixius marginalis* Hutton, Trans. New Zealand Inst. 6: 171. [Listed.]
- 1874 *Cixius oppositus* Hutton, Trans. New Zealand Inst. 6: 170. [Listed.]
- 1879 *Oliarus oppositus* White, Ent. Monthly Mag. 15: 216. [Listed.]¹ Equals
Cixius oppositus Walk.

- 1879 *Oliarus marginalis* White, Ent. Monthly Mag. **15**: 216. [Listed.]¹ Equals *Cixius marginalis* Walk.
- 1898 *Oliarus oppositus* Hutton, Trans. New Zealand Inst. **30**: 186. [Described.]¹ Equals *Cixius oppositus* Walk.
- 1898 *Oliarus marginalis* Hutton, Trans. New Zealand Inst. **30**: 186. [Described.]¹ Equals *Cixius marginalis* Walk.
- 1904 *Oliarus oppositus* Hutton, Index Faunae Novae Zealandiae :225. [Listed.]¹
- 1904 *Oliarus marginalis* Hutton, Index Faunae Novae Zealandiae :225. [Listed.]¹
- 1909 *Oliarus marginalis* Kirkaldy, Trans. New Zealand Inst. **41**: 29. [Listed.]
- 1909 *Oliarus oppositus* Kirkaldy, Trans. New Zealand Inst. **41**: 29. [Listed.]
- 1924 *Oliarus oppositus* Hudson, Trans. New Zealand Inst. **55**: 343; Pl. 32, Figs. 10, 11. [Life history notes, illustrated.] Equals *Oliarus marginalis* Walk.
- 1924 *Oliarus oppositus* Myers, Trans. New Zealand Inst. **55**: 324; Pl. 23, Figs. 4-7. [Described, illustrated.]¹ Equals *Cixius oppositus* Walk. Equals *Cixius marginalis* Walk. Equals *Oliarus marginalis* Walk. :315. [Life history notes.]
- 1927 *Oliarus oppositus* Myers, Trans. New Zealand Inst. **57**: 690. [Synonymy.]¹ Equals *Cixius marginalis* Walk.
- 1927 *Oliarus oppositus* Tillyard, Ins. Australia and New Zealand. :166. [Living in ant's nest.]¹

opuna Kirkaldy

- 1902 *Oliarus opuna* Kirkaldy, Fauna Hawaiiensis **3**: 122; Pl. IV, Fig. 7. [n. sp., illustrated.]¹ :120. [Key.] :99. [Listed.] Hawaiian I.²
- 1908 *Oliarus opuna* Kirkaldy, Proc. Hawaiian Ent. Soc. **1**: 201. [Listed.]¹
- 1909 *Oliarus puna* [sic] Kirkaldy, Proc. Hawaiian Ent. Soc. **2**: 79. [Key.]¹
- 1925 *Oliarus opuna* Giffard, Proc. Hawaiian Ent. Soc. **6**: 127 (77); Pl. I, Fig. 10. [Described, illustrated.]² :65 (15). [Key.]

orono Kirkaldy

- 1902 *Oliarus orono* Kirkaldy, Fauna Hawaiiensis **3**: 124; Pl. IV, Fig. 10. [n. sp., illustrated.]¹ :120. [Key.] :99. Hawaiian I.² [Listed.]
- 1908 *Oliarus orono* Kirkaldy, Proc. Hawaiian Ent. Soc. **1**: 201. [Listed.]¹
- 1909 *Oliarus orono* Kirkaldy, Proc. Hawaiian Ent. Soc. **2**: 79. [Key.]¹
- 1925 *Oliarus orono* Giffard, Proc. Hawaiian Ent. Soc. **6**: 148 (98). [Described.]²

orono var. **molokaiensis** Kirkaldy

- 1909 *Oliarus orono molokaiensis* Kirkaldy, Proc. Hawaiian Ent. Soc. **2**: 79. [var. n.]¹
- 1925 *Oliarus orono molokaiensis* Giffard, Proc. Hawaiian Ent. Soc. **6**: 149 (99). [Notes.]

*Oliarus***orono** var. **oahuensis** Kirkaldy

- 1909 *Oliarus orono oahuensis* Kirkaldy, Proc. Hawaiian Ent. Hawaii¹
Soc. 2: 79. [var. n.]¹
- 1925 *Oliarus orono oahuensis* Giffard, Proc. Hawaiian Ent. Soc. 6: 149 (99).
[Notes.]

oryzae Matsumura

- 1910 *Oliarus oryzae* Shiraki, Inj. Ins. Formosa 1: 61; Pl. XLI, Formosa¹
Figs. 4, 4a. [Economics, illustrated.] [nom. nud.] Oriental
- 1910 *Oliarus oryzae* Matsumura, Zeits. Wiss. Insektenbiol. Region²
6: 103. [Listed.]¹ [nom. nud.]
- 1911 *Oliarus oryzae* Matsumura, Mem. Soc. Ent. Belgique 18: 134. [n. sp.]¹
- 1914 *Oliarus oryzae* Matsumura, Annot. Zool. Japonenses 8: 426. [Described.]¹
- 1915 *Oliarus oryzae* Schumacher, Homop.-Fauna Insel Formosa :115. [Listed.]¹
- 1917 *Oliarus oryzae* Pierce, Man. dangerous Ins. :206. [Listed.]^{1,2}
- 1931 *Oliarus oryzae* Clausen, Cir. United States Dept. Agr. 168: 45. [Listed.]¹
- 1932 *Oliarus oryzae* Esaki, Short course lectures, Leafhoppers :6. [Listed.]

pachyceps Matsumura

- 1914 *Oliarus pachyceps* Matsumura, Annot. Zool. Japonenses Formosa¹
8: 420. [n. sp.]¹
- 1915 *Oliarus pachyceps* Schumacher, Homop.-Fauna Insel Formosa :114.
[Listed.]¹
- 1915 *Oliarus pachyceps* Schumacher, Suppl. Ent. 4: 131. [Listed.]¹

pallens Germar

- 1821 *Flata pallens* Germar, Mag. Ent. 4: 101. [n. sp.]¹ Taurus Mts.¹
- 1830 *Flata pallens* Germar, Thon Archiv 2: 49. [Described.]¹ (Turkey)
- 1835 *Flata pallens* Herrich-Schäffer, Nom. Ent. 1: 105. Germany²
[Listed.] Europe³
- 1835 *Cixia pallens* Burmeister, Handb. Ent. 2 (1): 158. S. Europe⁴
Equals *Flata pallens* Germ. Spain⁵
- 1835 *Flata pallidus* Herrich-Schäffer, Nom. Ent. 1: 64. [n. sp.] France⁶
:105. [Listed.] Hungary⁷
- 1837 *Cixia pallida* Eversmann, Bull. Soc. Nat. Moscou 10: Austria⁸
34. [Listed.] Switzerland⁹
- 1838 *Flata pallida* Herrich-Schäffer, Deutschlands Insecten Persia¹⁰
154: 4. [Described, illustrated.] Turkestan¹¹
- 1839 *Cixius pallida* Spinola, Ann. Soc. Ent. France 8: 327. Italy¹²
[Listed.]³ Rumania¹³
- 1850 *Cixius pallidus* Schaum, Allg. Ency. Ersch und Gruber Algeria¹⁴
51: 68. [Listed.]³ Equals *Flata pallidus* H.-S. S. Russia¹⁵
- 1850 *Cixius pallens* Schaum, Allg. Ency. Ersch und Gruber Caucasus¹⁶
51: 68. [Listed.]³ Equals *Flata pallens* Germ. Russia¹⁷
- 1851 *Cixius pallens* Walker, List Homop. British Mus. 2: 342. Armenia¹⁸
[Listed.] Equals *Flata pallens* Germ. England¹⁹

- 1851 *Cixius pallidus* Walker, List Homop. British Mus. 2: 340. [Listed.]² Equals *Flata pallida* H.-S. Crimea²⁰
Czecho-
- 1857 *Cixius pallidus* Perris, Ann. Soc. Linn. Lyon 4: 169 (89). slovakia²¹
[Listed.]⁶ Egypt²²
- 1859 *Cixius pallens* Dohrn, Cat. Hemip. :60. [Listed.]² Portugal²³
- 1859 *Cixius pallidus* Dohrn, Cat. Hemip. :60. [Listed.]³ Bohemia²⁴
- 1862 *Oliarus pallidus* Stål, Berliner Ent. Zeit. 6: 306. Equals
Cixius pallidus H.-S.
- 1868 *Pentastiridius pallens* Kirschbaum, Cicad. Wiesbaden :46. [Key.]²
- 1870 *Flata pallens* Scott, Ent. Monthly Mag. 7: 120. To *Oliarus leporinus*
Linn. [error.]
- 1870 *Oliarus pallidus* Scott, Ent. Monthly Mag. 7: 119. Equals *Flata pallida*
H.-S. Equals *Pentastiridia pallens* Kb.
- 1871 *Pentastiridius pallens* Sahlberg, Not. Fenn. (n. s.) 9 (12): 386. To *Oliarus*
leporinus Linn. [error.]
- 1871 *Flata pallida* Sahlberg, Not. Fenn. (n. s.) 9 (12): 386. To *Oliarus leporinus*
Linn. [error.]
- 1872 *Oliarus pallens* Fieber, Kat. Europäischen Cicad. :3. [Listed.]⁴ Equals
Pentastiridius pallens Kb.
- 1872 *Oliarus pallidus* Fieber, Kat. Europäischen Cicad. :3. [Listed.]³ Equals
Oliarus marginellus Fieb. [nom. nud.]
- 1872 *Oliarus pallens* Fieber, Verh. Zool. Bot. Ges. Wien 22: 29. Equals
Pentastiridius pallens Germ.
- 1875 *Oliarus pallens* Puton, Cat. Hémip. d'Europe 2 Ed. :113. [Listed.]⁴
- 1875 *Oliarus pallidus* Puton, Cat. Hémip. d'Europe 2 Ed. :113. [Listed.]³
- 1876 *Oliarus pallens* Fieber, Cicad. d'Europe Pt. 2: 206 (196). [Key.]^{1,2,6,7,12,17}
Equals *Flatta* [sic] *pallens* Germ. Equals *Pentastiridius pallens* Kb.
- 1876 *Oliarus pallidus* Fieber, Cicad. d'Europe Pt. 2: 207 (197). [Key.]^{2,6,8,9,15,19}
Equals *Flata pallida* H.-S.
- 1876 *Oliarus pallidus* Douglas and Scott, Cat. British Hemip. :65. [Listed.]¹⁹
Equals *Flata pallida* H.-S. Equals *Pentastiridius pallens* Kb. Equals
Cixius leporinus Curt. [error.]
- 1879 *Oliarus pallidus?* Bolivar and Chicote, An. Soc. Española 8: 175.
[Listed.]⁵
- 1880 *Oliarus pallidus* Reuter, Medd. Soc. Fauna Fl. Fennica 5: 195. To
Oliarus leporinus Linn. [error.]
- 1880 *Oliarus pallidus* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 53.
[Listed.]⁶
- 1881 *Oliarus pallidus* Mayr, Ber. Natur.-Med. Ver. Innsbruck 10: 85 (9).
[Listed.]⁸
- 1882 *Oliarus pallidus* Ferrari, Cicad. Agri Ligustici :83 (11). [Key.]⁶
- 1882 *Oliarus pallidus* Reuter, Zool. Jahrb. Syst. 2: 283. To *Oliarus leporinus*
Linn. [error.]
- 1883 *Flata pallida* Löw, Wien Ent. Zeit. 2: 147. To *Cicada leporina* Linn. [error.]
- 1884 *Oliarus pallens* Mayr, Tabellen :17. [Listed.]^{2,6,7}
- 1884 *Oliarus pallidus* Mayr, Tabellen :17. [Listed.]^{2,6,8,9}
- 1885 *Oliarus pallens* Ivanoff, Liste des Cigales :110. [Key.]

Oliarus

- 1886 *Oliarus pallens* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]⁴
- 1886 *Oliarus pallidus* Puton, Cat. Hémip. Faune Pal. :69. To *Oliarus leporinus* Linn. [error.]
- 1886 *Oliarus pallidus* Edwards, Syn. British Homop.-Cicadina Pt. 1: 50. Equals *Flata pallidus* H.-S. Equals *Cixius leporinus* Curt. [error.] Equals *Oliarus leporinus* Sahlb. [error.]
- 1886 *Oliarus pallens* Then, Kat. österreichischen Cicad. :11. [Listed.]^{4,8,21}
- 1886 *Oliarus pallidus* Then, Kat. österreichischen Cicad. :11. [Listed.]^{8,21}
- 1888 *Oliarus pallens* Costa, Atti Acc. Sci. Napoli (2) 1 (9) :39. [Listed.]²
- 1890 *Oliarus pallens* Funk, Ber. Nat. Ges. Bamberg 15: 139. [Listed.]²
- 1890 *Oliarus pallidus* Saunders and Edwards, Cat. British Hemip. :11. To *Oliarus leporinus* Linn. [error.]
- 1890 *Flata pallens* Buckton, Mon. British Cicadae 1: 17. To *Oliarus leporinus* Linn. [error.]
- 1892 *Oliarus pallens* Duda, Cat. Ins. Faunae Bohemicae :27. [Listed.]²⁴
- 1892 *Oliarus pallidus* Duda, Cat. Ins. Faunae Bohemicae :27. To *Oliarus leporinus* Linn. [error.]
- 1896 *Flata pallida* Melichar, Cicad. Mittel-Europa :32. To *Oliarius* [sic] *leporinus* Linn. [error.]
- 1896 *Oliarius* [sic] *pallens* Melichar, Cicad. Mittel-Europa :31. [Described.]^{2,3,4,8} Equals *Flata pallens* Germ. Equals *Pentastiridius pallens* Kb. :29. [Key.]
- 1897 *Oliarus pallens* Horváth, Fauna Regni Hungariae :55. [Listed.]⁷
- 1899 *Oliarus pallens* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]⁴
- 1899 *Oliarus pallidus* Puton, Cat. Hémip. Faune Pal. :103. To *Oliarus leporinus* Linn. [error.]
- 1900 *Oliarus pallens* Fokker, Tijdschr. Ent. 42: 25. [Listed.]¹⁴
- 1902 *Oliarius* [sic] *pallens* Melichar, Ann. Mus. St. Petersburg 7: 87 (12). [Listed.]¹⁰
- 1903 *Oliarus pallens* Horváth, Ann. Mus. Nat. Hungarici 1: 558. Equals *Flata pallida* H.-S. Equals *Flata pallens* Germ.
- 1904 *Oliarus pallens* Horváth, Ann. Mus. Nat. Hungarici 2: 579. [Listed.]¹¹
- 1904 *Oliarus pallens* Hueber, Syst. Verz. deutschen Zikadinen :268. [Listed.]²
- 1904 *Oliarus pallidus* Hueber, Syst. Verz. deutschen Zikadinen :268. To *Oliarus leporinus* Linn. [error.]
- 1906 *Oliarius* [sic] *pallens* Schuguwrow, Zool. Anz. 30: 711. [Listed.]²⁰
- 1907 *Oliarius* [sic] *pallens* Oshanin, Verz. Palaeark. Hemip. 2: 237. [Listed.]^{2,6,7,8,10,11,12,13,14,15,16} Equals *Flata pallens* Germ. Equals *Pentastiridius pallens* Kb. Equals *Flata pallida* H.-S.
- 1908 *Oliarus pallidus* Saunders and Edwards, Cat. of British Hemip. :14. To *Oliarus leporinus* Linn. [error.]
- 1910 *Oliarus pallidus* Lambertie, Misc. Ent. 18: 90. To *Oliarus leporinus* Linn. [error.]
- 1911 *Oliarus pallens* Horváth, Bull. Soc. Ent. Égypte 3: 117. [Listed.]²²
- 1912 *Oliarus pallens* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]^{3,4,10,11,14,16} Equals *Oliarus pallidus* H.-S.
- 1913 *Oliarius* [sic] *pallens* Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]⁸

- 1913 *Oliarus pallens* Melichar, Mitt. Kaukasischen Mus. **7**: 13. [Listed.]¹⁶
 1913 *Oliarius* [sic] *pallens* Melichar, Faune Walouyki Russie **7**: 5. [Listed.]¹⁷
 1925 *Oliarus pallens* Muir, Pan-Pacific Ent. **1**: 103. Equals *Flata pallens* Germ.
 1927 *Oliarius* [sic] *pallens* Kusnezov, Zool. Anz. **72**: 261. [Listed.]¹⁸
 1928 *Oliarus pallens* Lallemand, Mem. Est. Mus. Zool. Univ. Coimbra **1928**:
 7. [Listed.]²³
 1929 *Flata pallens* Sherborn, Index Animalium **18**: 4690. [Listed.]
 1929 *Oliarus pallens* Kusnezov, Zool. Anz. **79**: 328. [Listed.]¹¹
 1929 *Flata pallida* Sherborn, Index Animalium **19**: 4702. [Listed.]
 1930 *Oliarus pallens* de Seabra, Arq. Secc. Biol. e Par. **1** (4): 349. [Notes.]²³

pallida Buckton [nec Herrich-Schäffer]. See *Oliarus leporina* Linné.

pallida Herrich-Schäffer. See *Oliarus pallens* Germar.

pallidifrons Muir

- 1924 *Oliarus pallidifrons* Muir, Philippine Jour. Sci. **24**: 522; Luzon¹
 Pl. 2, Fig. 15. [n. sp., illustrated.]¹

pallidiolus Matsumura

- 1910 *Oliarus pallidiolus* Matsumura, Jour. Coll. Sci. Tokyo Tunis¹
27: 6. [n. sp.]¹
 1912 *Oliarus pallidiolus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]¹

pallidus Herrich-Schäffer. See *Oliarus pallens* Germar.

pallidus Scott [nec Herrich-Schäffer]. See *Oliarus leporina* Linné.

paludicola Kirkaldy

- 1909 *Oliarus paludicola* Kirkaldy, Proc. Hawaiian Ent. Soc. Hawaii¹
2: 79. [n. sp.]¹ Hawaiian I.²
 1925 *Oliarus paludicola* Giffard, Proc. Hawaiian Ent. Soc.
6: 148 (98). [Described.]²

panzeri Löw

- 1799 *Cicada leporina* Panzer, [nec Linné], Faunae Ins. Germanica **61**: 19. [Described, illustrated.]⁵ Europe¹
 Great Britain²
 1828 *Cixius leporinus* Boitard, [nec Linné], Man. Ent. Hist. France³
 Nat. Ins. **2**: 155. [Described.]¹ Equals *Cicada leporina* Germany¹
 Panz. Austria⁵
 1843 *Cixius leporinus* Boitard, [nec Linné], Nouveau Man. Ent. **3**: 83. [Described.]¹ Equals *Cicada leporina* Panz. Tunisia⁶
 1850 *Cercopis leporinus* Schaum, [Panz. nec Linné], Allg. Italy⁷
 Ency. Ersch und Gruber **51**: 68. To *Cixius leporinus* Serbia⁸
 Linn. [error.] Hungary⁹
 1868 *Pentastira leporina* Kirschbaum, [nec Linné], Cicad. Rumania¹⁰
 Wiesbaden :45. [Key.]¹ Algeria¹¹
 1870 *Oliarus leporinus* Scott, [nec Linné], Ent. Monthly Mag. Russia¹²
7: 120. [Described.]¹⁴ Equals *Flata pallens* Germ. [error.] Trans-
 caucasus¹³
 Equals *Pentastira leporina* Kb.

Oliarus

- 1876 *Oliarus leporinus* Fieber, [nec Linné], Cicad. d'Europe Pt. 2: 213 (203). [Key.]¹ Equals *Cicada leporina* Linn. England¹⁴
[error.] Equals *Pentastira leporinus* Kb. Equals *Cixius* N. Africa¹⁵
leporinus Marsh. [error.] Caucasus¹⁶
S. Dalmatia¹⁷
- 1876 *Pentastira leporina* Douglas and Scott, Cat. British Hemip. :65. To *Oliarus leporinus* Linn. [error.] Crimea¹⁸
Moravia¹⁹
- 1882 *Oliarus leporinus* Ferrari, [nec Linné], Cicad. Agri Ligustici :83 (11). [Listed, key.]⁷ Equals *Cicada leporinus* Linn. [error.] Equals *Pentastira leporina* Kb. Spain²⁰
Belgium²¹
Bohemia²²
- *1883 *Oliarus panzeri* Löw, Wien Ent. Zeit. 2: 147. Nom. nov. for *Cicada leporina* Panz. [nec Linn.]
- 1886 *Oliarus panzeri* Then, Kat. österreichischen Cicad. :11. [Listed.]^{1,5} Equals *Oliarus leporinus* Panz. [nec Linn.]
- 1886 *Oliarus leporinus* Edwards, [nec Linné], Syn. British Homop.-Cicadina Pt. 1: 51. [Described.]² Equals *Cicada leporina* Linn. [error.] Equals *Flata leporina* Germ. [error.] Equals *Pentastira leporina* Kb. :50. [Key.]
- 1886 *Oliarus panzeri* Puton, Cat. Hémp. Faune Pal. :70. [Listed.]^{3,4,5} Equals *Oliarus leporinus* Fieb. [nec Linn.]
- 1890 *Oliarus leporinus* Buckton, [nec Linné], Mon. British Cicadae 1: 17; Pl. IV, Figs. 2-4. [Described, illustrated.]² Equals *Cicada leporina* Linn. [error.] Equals *Flata pallens* Germ. [error.] Equals *Pentastira leporina* Kb. Equals *Flata leporinus* Linn.
- 1890 *Oliarus panzeri* Saunders and Edwards, Cat. British Hemip. :11. [Listed.]² Equals *Oliarus leporinus* Panz. [nec Linn.]
- 1892 *Oliarius* [sic] *panzeri* Spitzner, Hemip. Mährens :(26). [Listed.]¹⁹
- 1892 *Oliarus panzeri* Duda, Cat. Ins. Faunae Bohemicae :27. [Listed.]²² Equals *Oliarus leporinus* Fieb.
- 1893 *Oliarus panzeri* Bezzi, Bull. Soc. Ent. Italiana 25: 107 (27). [Listed.]⁷
- 1894 *Oliarus panzeri* Edwards, Hemip.-Homop. British Islands Pt. 1: 23; Pl. III, Fig. 6a. [Described, illustrated, key.]²
- 1894 *Oliarus panzeri* Horváth, Rev. Ent. 13: 177. [Listed.]¹³
- 1896 *Oliarius* [sic] *panzeri* Melichar, Cicad. Mittel-Europa :32; Pl. II, Figs. 23-27. [Described, illustrated.]^{1,4,5,19} Equals *Pentastira leporina* Kb. Equals *Cixius leporinus* Marsh. Equals *Cicada leporina* Panz. [nec Linn.] Equals *Oliarius* [sic] *leporinus* Fieb. :30. [Key.]
- 1897 *Oliarus panzeri* Horváth, Fauna Regni Hungariae :55. [Listed.]⁹ Equals *Oliarus leporinus* Fieb. [nec Linn.]
- 1899 *Oliarius* [sic] *panzeri* Melichar, Wien. Ent. Zeit. 18: 179. [Listed.]⁶
- 1899 *Oliarus panzeri* Puton, Cat. Hémp. Faune Pal. :103. [Listed.]^{3,4,5,6} Equals *Oliarus leporinus* Fieb. [nec Linn.]
- 1900 *Oliarius* [sic] *panzeri* Strobl, Mitt. Natur. Ver. Steiermark 36: 202. [Listed.]⁵ Equals *Oliarius* [sic] *leporinus* Fieb.
- 1900 *Oliarus panzeri* Fokker, Tijdschr. Ent. 42: 14. [Listed.]⁴ :25. [Listed.]¹¹
- 1902 *Oliarius* [sic] *panzeri* Cobelli, Cicadine Trentino :8. [Listed.]⁷
- 1903 *Oliarus panzeri* Horváth, Ann. Mus. Nat. Hungarici 1: 27. [Listed.]⁸
- 1903 *Oliarus panzeri* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 59. [Listed.]⁵ Equals *Oliarus leporinus* Fieb. [nec Linn.]

- 1904 *Oliarus panzeri* Hueber, Syst. Verz. deutschen Zikadinen :268. [Listed.]¹
 Equals *Oliarus leporinus* Fieb. [nec Linn.]
- 1906 *Oliarius* [sic] *panzeri* Schugurov, Zool. Anz. **30**: 712. [Listed.]¹⁵
- 1907 *Oliarius* [sic] *panzeri* Oshanin, Verz. Palaeark. Hemip. **2**: 239. [Listed.]^{2,3,4,5,9,10,11,12,13} Equals *Oliarius* [sic] *leporinus* Scott. Equals *Cicada leporina* Panz. Equals *Pentastira leporina* Kb.
- 1907 *Oliarus panzeri* Butler, Hemip. Hastings :56. [Listed.]¹⁴
- 1908 *Oliarus panzeri* Saunders and Edwards, Cat. of British Hemip. :14. [Listed.]² Equals *Oliarus leporinus* Fieb. [nec Linn.]
- 1912 *Oliarus panzeri* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]^{1,15,16}
 Equals *Oliarus leporinus* Panz. [nec Linn.]
- 1913 *Oliarius* [sic] *panzeri* Dalla Torre, Ent. Jahrb. **22**: 149. [Listed.]⁵
- 1913 *Oliarus panzeri* Melichar, Mitt. Kaukasischen Mus. **7**: 13. [Listed.]¹⁶
- 1914 *Oliarus panzeri* Melichar, Mitt. Kaukasischen Mus. **8**: 133 (7). [Listed.]¹⁶
- 1920 *Oliarus panzeri* Codina, Bol. Soc. Ent. España **1**: 104 (5). [Listed.]²⁰
- 1922 *Oliarus panzeri* Stichel, Int. Ent. Zeit. **16**: 132. [Listed.]
- 1925 *Oliarius* [sic] *panzeri* Kupka, Mitt. Munch. Ent. Ges. **15**: 111. [Listed.]⁴
- 1926 *Oliarus panzeri* Haupt, Konowia **5**: 304. [Listed.]¹⁷
- 1927 *Oliarius* [sic] *panzeri* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) **9**: 141. [Listed.]³
- 1930 *Oliarius* [sic] *panzeri* Weber, Biol. Hemip. :258, Fig. 192a. [Nymph illustrated.]
- 1931 *Oliarus panzeri* Vreurick, Ann. Soc. Ent. Belgique **71**: 100. [Listed.]²¹

patrizii Lallemand

- 1929 *Oliarius* [sic] *patrizii* Lallemand, Ann. Mus. Genova **53**: 160 (1). [n. sp.]¹ Somaliland¹

pattersoni Lallemand

- 1929 *Oliarius* [sic] *pattersoni* Lallemand, Ann. Mag. Nat. Hist. (10) **3**: 186. [n. sp.]¹ Gold Coast¹

pedisequus Buckton

- 1893 *Prosops pedisequus* Buckton, Victorian Nat. **9**: 50. [n. sp.]¹ Victoria¹
- 1893 *Prosops pedisequus* French, Victorian Nat. **9**: 48. [Economics.]¹
- 1925 *Oliarus pedisequus* Muir, Pan-Pacific Ent. **1**: 103. Equals *Prosops pedisequus* Buckt.

pele Kirkaldy

- 1909 *Oliarus pele* Kirkaldy, Proc. Hawaiian Ent. Soc. **2**: 79. [n. sp.]¹ Hawaii¹
- 1925 *Oliarus pele* Giffard, Proc. Hawaiian Ent. Soc. **6**: 83 (33); Pl. IV, Figs. 56, 57. [Described, illustrated.]² :62 Hawaiian Islands²
 (12). [Key.]

Oliarus

pele var. **alpha** nom. nov. for *Oliarus pele* var. *a* Giffard.

- 1925 *Oliarus pele* var. *a* Giffard, Proc. Hawaiian Ent. Soc. **6**: 84 (34). [n. var.]¹ Hawaiian Islands¹

pele var. **beta** nom. nov. for *Oliarus pele* var. *b* Giffard.

- 1925 *Oliarus pele* var. *b* Giffard, Proc. Hawaiian Ent. Soc. **6**: 85 (35). [n. var.]¹ Hawaiian Islands¹

petasatus Noualhier

- 1896 *Oliarus petasatus* Noualhier, Bull. Mus. Hist. Nat. Paris **1896**: 255. [n. sp.]¹ Cambodia¹
(Indo-China)
1904 *Oliarus petasatus* Noualhier and Martin, Mission Pavie :181; Pl. XI, Figs. 9, 10. [Described, illustrated.]¹

phelia Kirkaldy

- 1906 *Oliarus phelia* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **1**: 400. [n. sp.]¹ :398. [Key.] Queensland¹
1907 *Oliarus phelia* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 108. [Key.] :109; Pl. VIII, Figs. 10–12. [Listed, illustrated.]¹

picturatus Lallemand

- 1929 *Oliarius* [sic] *picturatus* Lallemand, Ann. Mag. Nat. Hist. (10) **3**: 186. [n. sp.]¹ Gold Coast¹

pima Kirkaldy

- 1907 *Oliarus pima* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **4**: 62. [n. sp.]¹ Arizona¹
Southwestern States²
1908 *Oliarus pima* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia **1907**: 486. [Listed.]¹
1916 *Oliarus pima* Van Duzee, Check List Hemip. America :79. [Listed.]²
1917 *Oliarus pima* Van Duzee, Cat. Hemip. America :733. [Listed.]¹

pinicolus Osborn

- 1926 *Oliarus pinicolus* Osborn, Ann. Ent. Soc. America **19**: 355. [n. sp.]¹ Cuba¹

placitus Van Duzee

- 1912 *Oliarus placitus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **10**: 493. [n. sp.]^{1,2} Florida¹
Georgia²
1914 *Oliarus placitus* Barber, Bull. American Mus. Nat. Hist. **33**: 527. [Listed.]¹ Southern States³
1916 *Oliarus placitus* Van Duzee, Check List Hemip. America :79. [Listed.]³ Kansas⁴
Mississippi⁵
1917 *Oliarus placitus* Van Duzee, Cat. Hemip. America :732. [Listed.]^{1,2} New York⁶
1921 *Oliarus placitus* Osborn, Florida Ent. **5**: 15. [Listed.]¹

- 1923 *Oliarus placitus* Metcalf, Jour. Elisha Mitchell Soc. **38**: 160; Figs. 270, 567. [Key, illustrated.]
 1928 *Oliarus placitus* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 58. [Key.] :62. [Described.]^{1,4,5}
 1928 *Oliarus placitus* Metcalf, Mem. Cornell Uni. Agri. Exp. Sta. **101**: 177. [Listed.]⁶

pluvialis Kirkaldy

- 1909 *Oliarus pluvialis* Kirkaldy, Proc. Hawaiian Ent. Soc. **2**: 78. [n. sp.]¹ Hawaii¹
 1925 *Oliarus pluvialis* Giffard, Proc. Hawaiian Ent. Soc. **6**: 147 (97). [Described.]² Hawaiian Islands²

privatus Distant [nom. nud.]

- 1907 *Oliarus privatus* Distant, Ann. Mag. Nat. Hist. (7) **19**: 281. [Listed.]¹ Equals *Brixia privata* Walk. [nom. nud.] Mysol¹

procellaris Kirkaldy

- 1909 *Oliarus procellaris* Kirkaldy, Proc. Hawaiian Ent. Soc. **2**: 77. [n. sp.]¹ Hawaii¹
 1925 *Oliarus procellaris* Giffard, Proc. Hawaiian Ent. Soc. **6**: 147 (97). [Described.]² Hawaiian Islands²

proimpeditus Muir

- 1924 *Oliarus proimpeditus* Muir, Philippine Jour. Sci. **24**: 520; Pl. 2, Figs. 12a, 12b. [Illustrated, n. sp.]¹ Luzon¹ (Philippine I.)

prolongulus Muir

- 1924 *Oliarus prolongulus* Muir, Philippine Jour. Sci. **24**: 516. [n. sp.]¹ Basilan¹ (Philippine I.)

propior Fowler

- 1904 *Oliarus propior* Fowler, Biologia Centrali-Americana **1**: 93; Pl. X, Figs. 16, 16a-b. [n. sp., illustrated.]¹ Mexico¹

proprius Muir

- 1924 *Oliarus proprius* Muir, Philippine Jour. Sci. **24**: 519; Pl. 2, Figs. 10a-b. [n. sp., illustrated.]¹ Java¹

puna. Typographical error for *Oliarus opuna* Kirkaldy.

punctipennis Distant. See *Mnemosyne punctipennis* Distant.

putoni Signoret

- 1884 *Oliarius* [sic] *putoni* Signoret, Bull. Soc. Ent. France (6) **4**: lxxviii. [n. sp.]¹ S. Russia¹
 1886 *Oliarus putoni* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]¹
 1899 *Oliarus putoni* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]¹
 1907 *Oliarius* [sic] *putoni* Oshanin, Verz. Palaeark. Hemip. **2**: 236. [Listed.]¹

Oliarus

1912 *Oliarus putoni* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]¹

quadricinctus Matsumura

1914 *Oliarus quadricinctus* Matsumura, Annot. Zool. Japoneses **8**: 419. [n. sp.]¹ Japan¹

1932 *Oliarus quadricinctus* Esaki, Iconographia Insectorum Japonicorum :1776. [Described, illustrated.]¹

1933 *Oliarus quadricinctus* Kato, Illustrated Insects of Japan **4**: Pl. 18, Fig. 3. [Illustrated.]¹

quadrilineata Melichar. See *Oliarus quinquelineata* Say.

quinquecostatus. Typographical error for *Oliarus quinquecostatus* Dufour.

quinquecostatus. Typographical error for *Oliarus quinquecostatus* Dufour.

quinquecostatus Dufour

- 1833 *Cixius 5-costatus* Dufour, Rech. Anat. Hé mip. :224. S. Europe¹
[n. sp.] France²
- 1839 *Cixius 5-costatus* Dufour, Ann. Sci. Nat. (2) **12**: 288. Russia³
[Digestive system.] Europe⁴
- 1847 *Pentastira* [non. binom.] Amyot, Ann. Soc. Ent. France Spain⁵
(2) **5**: 167. Equals *Cixius quinquecostata* Duf. Italy⁶
- 1848 *Pentastira* [non binom.] Amyot, Méth. Mon. :363. Portugal⁷
Equals *Cixius quinquecostata* Duf. China⁸
- 1851 *Cixius? quinquecostatus* Walker, List Homop. British Serbia⁹
Mus. **2**: 343. [Listed.]¹ Equals *Pentastira* Amyot. Hungary¹⁰
- 1853 *Cixius 5-costatus* Signoret, Bull. Soc. Ent. France (3) **1**: Rumania¹¹
xxxiii. [Listed.] Trans-
- 1859 *Cixius ?quinquecostatus* Dohrn, Cat. Hemip. :60. caucasia¹²
[Listed.]¹ Caucasus¹³
- 1872 *Oliarus quinquecostatus* Fieber, Kat. Europäischen Yugoslavia¹⁴
Cicad. :3. [Listed.]^{2,3} Equals *Oliarus artemisiae* Beck. Armenia¹⁵
[nom. nud.] Turkestan¹⁶
- 1875 *Oliarus quinquecostatus* Puton, Cat. Hé mip. d'Europe 2 Greece¹⁷
Ed. :114. [Listed.]^{2,3} Austria¹⁸
- 1876 *Oliarus quinquecostatus* Fieber, Cicad. d'Europe Pt. 2: Yugoslavia¹⁴
214 (204). [Key.]⁴ Equals *Cixius quinquecostatus* Duf. Equals *Cixius*
artemisiae Beck. [nom. nud.]
- 1879 *Oliarus quinquecostatus?* Bolivar and Chicote, An. Soc. Española **8**: 176.
[Listed.]⁵
- 1882 *Oliarus quinquecostatus* Ferrari, Cicad. Agri Ligustici :83 (11). [Key.]²
- 1884 *Oliarus quinquecostatus* Mayr, Tabellen :17. [Listed.]⁴
- 1885 *Oliarus quinquecostatus* Ferrari, Bull. Soc. Ent. Italiana **17**: 271. [Listed.]⁶
- 1885 *Cixius quinquecostatus* Fairmaire, Hist. Nat. France Hé mip. :144. [De-
scribed.]²
- 1886 *Oliarus quinquecostatus* Puton, Cat. Hé mip. Faune Pal. :70. [Listed.]^{2,3}.
5,6,7
- 1888 *Oliarus quinquecostatus* Dubois, Mém. Soc. Linn. Nord France **7**: 154
(58). [Listed.]²

- 1890 *Oliarus quinquecostatus* Dominique, Ann. Soc. Acad. Loire-Inf. **1890**: 25. [Listed.]²
- 1892 *Oliarus quinquecostatus* Ferrari, Ann. Mus. Genova (2) **12**: 568 (20). [Listed.]⁶
- 1892 *Oliarius* [sic] *quinquecostatus* Dominique, Bull. Soc. Sci. Nat. Ouest France **2**: 115. [Listed.]²
- 1894 *Oliarus quinquecostatus* Horváth, Rev. Ent. **13**: 177. [Listed.]¹²
- 1896 *Oliarius* [sic] *quinquecostatus* Melichar, Cicad. Mittel-Europa :32. [Described.]¹⁻¹ :30. [Key.]
- 1897 *Cixius quinquecostatus* Acloque, Faune France :401. [Key.]²
- 1897 *Oliarus quinquecostatus* Horváth, Fauna Regni Hungariae :55. [Listed.]¹⁰
- 1899 *Oliarus quinquecostatus* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]^{2,3,5,6,7}
- 1901 *Oliarus quinquecostatus* Lambertie, Act. Soc. Linn. Bordeaux **56**: (86). [Listed.]²
- 1902 *Oliarus quinquecostatus* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) **2**: 221. [Listed.]²
- 1902 *Oliarius* [sic] *quinquecostatus* Melichar, Ann. Mus. St. Petersburg **7**: 86 (11). [Listed.]⁸
- 1903 *Oliarus quinquecostatus* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste **21**: 59. [Listed.]⁸
- 1903 *Oliarus quinquecostatus* Horváth, Ann. Mus. Nat. Hungarici **1**: 27. [Listed.]⁹
- 1907 *Oliarius* [sic] *quinquecostatus* Oshanin, Verz. Palaeark. Hemip. **2**: 239. [Listed.]^{2,3,5,6,8,10,11,12} Equals *Cixius quinquecostatus* Duf.
- 1908 *Oliarius* [sic] *quinquecostatus* Oshanin, Verz. Palaeark. Hemip. **3**: 445. [Listed.]¹⁷
- 1908 *Oliarus quinquecostatus* [sic] Reuter, Acta Soc. Sci. Fennicae **36** (1): 72. [Listed.]²
- 1910 *Oliarus quinquecostatus* Lambertie, Misc. Ent. **18**: 90. [Listed.]²
- 1912 *Oliarus quinquecostatus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]^{1,8,13}
- 1913 *Oliarus quinquecostatus* Melichar, Mitt. Kaukasischen Mus. **7**: 13. [Listed.]¹³
- 1918 *Oliarus quinquecostatus* Horváth, Ann. Mus. Nat. Hungarici **16**: 330. [Listed.]¹⁴
- 1926 *Oliarius* [sic] *quinquecostatus* Rémy-Perrier, Homop. Faune France :92. [Key.]
- 1927 *Oliarius* [sic] *quinquecostatus* Kusnezov, Zool. Anz. **72**: 261. [Listed.]¹⁵
- 1928 *Oliarus quinquecostatus* Lallemand, Mem. Est. Mus. Zool. Univ. Coimbra **1928**: 7. [Listed.]⁷
- 1929 *Oliarus quinquecostatus* [sic] Kusnezov, Zool. Anz. **79**: 328. [Listed.]¹⁶
- 1929 *Oliarus quinquecostatus* Lallemand, Mem. Est. Mus. Zool. Univ. Coimbra **1929**: 6. [Listed.]⁷
- 1930 *Oliarus quinquecostatus* de Seabra, Arq. Secc. Biol. e Par. **1** (4): 349. [Listed.]⁷
- 1930 *Cixius quinquecostatus* Sherborn, Index Animalium **22**: 5398. [Listed.]

*Oliarus***quinquelineata** Say

- 1830 *Flata quinquelineata* Say, Jour. Acad. Nat. Sci. Philadelphia **6**: 241. [n. sp.]¹ New Jersey¹
New York²
- 1850 *Pocilloptera* [sic] *quinquelineata* Schaum, Allg. Ency. Ersch und Gruber **51**: 72. [Listed.] Equals *Flata quinquelineata* Say. United States³
Canada⁴
- 1851 *Cixius quinquelineatus* Fitch, Cat. Homop. :46. [Listed.]² Ottawa⁵
North America⁶
- 1851 *Pocilloptera?* [sic] *quinquelineata* Walker, List Homop. British Mus. **2**: 470. [Listed.]³ Equals *Flata quinquelineata* Say. Ohio⁷
Maryland⁸
- 1852 *Cixius quinquelineatus* Walker, List Homop. British Mus. **4** Suppl. :1135. [Listed.]³ Arkansas⁹
Quebec¹⁰
- 1859 *Flata quinquelineata* Say, Comp. Writings of Thomas Say **2**: 375. [n. sp.]¹ Colorado¹¹
Georgia¹²
- 1859 *Pocilloptera?* [sic] *quinquelineata* Dohrn, Cat. Hemip. :66. [Listed.]⁶ Florida¹³
North Carolina¹⁴
- 1889 *Oliarus quinquelineatus* Provancher, Petite Faune Ent. Canada :223. [Described.]⁵ Equals *Flata quinquelineatus* Say. Eastern States¹⁵
- 1889 *Oliarus quinquelineatus* Van Duzee, Canadian Ent. **21**: 7. [Listed.]⁴ Ontario¹⁶
Connecticut¹⁷
- 1890 *Cixius 5-lineatus* Smith, Cat. Ins. New Jersey :440. [Listed.]
- 1890 *Oliaris* [sic] *5-lineata* Van Duzee, Psyche **5**: 389. Equals *Flata quinquelineata* Say.
- 1892 *Oliarus quinquelineatus* Harrington, Ottawa Nat. **6**: 31. [Listed.]⁵
- 1893 *Cixius quinquelineatus* Fitch, Reprint Cat. Homop. New York :386. [Listed.]²
- 1893 *Oliarus quinquelineatus* Van Duzee, Lintner's ninth Rept. New York State Ent. :410. [Listed.]
- 1894 *Oliarus quinquelineatus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 190. [Listed.]²
- 1900 *Oliarus* [sic] *quinquelineata* Smith, Ins. New Jersey **2**: 89. [Listed.]¹
- 1902 *Flata quadrilineata* [sic] Melichar, Ann. Nat. Hofmus. Wien **17**: 230. [Listed.]⁶
- 1904 *Oliarus 5-lineatus* Osborn, Ohio Nat. **4**: 100. [Listed.]⁷
- 1904 *Oliarus 5-lineatus* Osborn, Proc. Soc. Prom. Agr. Sci. **25**: 35. [Economics.]³
- 1904 *Oliarus quinquelineatus* Swezey, Prelim. Cat. Fulgoridae North America :30. [Listed.]^{1,2,5,8,9,7,16} Equals *Flata quinquelineata* Say. Equals *Cixius quinquelineatus* Fitch.
- 1906 *Oliarius* [sic] *quinquelineata* Felt, Mem. 8 New York St. Mus. **2**: 686; Fig. 205. [Described, illustrated.]² :652. [Key.]
- 1907 *Oliarus* [sic] *5-lineatus* Moore, Canadian Ent. **39**: 189. [Listed.]¹⁰
- 1908 *Oliarus 5-lineatus* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia **1907**: 486. [Notes.]^{1,2,7,11,12,13} :485. [Key.]

- 1910 *Oliarus quinquelineata* Smith, Rept. Ins. New Jersey :95. [Listed.]¹
 1912 *Oliarus quinquelineatus* Van Duzee, Canadian Ent. **44**: 325. [Listed.]
 1913 *Oliarus 5-lineatus* Metcalf, Ann. Ent. Soc. America **6**: 349; Pl. XXXVII, Figs. 58, 59. [Venation, illustrated.]
 1914 *Oliarus quinquelineatus* Barber, Bull. American Mus. Nat. Hist. **33**: 527. [Listed.]¹³
 1915 *Oliarus quinquecilincatus* [sic] Metcalf, Jour. Elisha Mitchell Soc. **31**:43 (11). [Listed.]¹⁴
 1916 *Oliarus quinquelincatus* Van Duzee, Check List Hemip. America :79. [Listed.]^{4,15} Equals *Oliarus quadrilineata* Mel.
 1917 *Oliarus quinquelineatus* Van Duzee, Cat. Hemip. America :732. [Listed.]^{1,2,7,10,11,13,16} Equals *Flata quinquelineatus* Say. Equals *Cixius quinquelincatus* Fitch. Equals *Pocilloptera quinquelineatus* Walk. Equals *Flata quadrilineata* Mel.
 1921 *Oliarus quinquecilincatus* Osborn, Florida Ent. **5**: 15. [Listed.]¹³
 1923 *Oliarus quinquelineatus* Metcalf, Jour. Elisha Mitchell Soc. **38**: 161; Figs. 274, 538, 571. [Key, illustrated.]
 1923 *Oliarus quinquelineatus* Van Duzee, Fulgoridae Hemip. Connecticut :32. [Key, note.]^{4,11}
 1928 *Oliarus 5-lineatus* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 61. [Described, food plants.]^{1,2,7,9,10,11,13,14,16} Equals *Flata quinquelincatus* Say. :58. [Key.]
 1928 *Oliarus quinquelineatus* Metcalf, Mem. Cornell Uni. Agr. Exp. Sta. **101**: 177. [Listed.]²
 1930 *Flata quinquelineata* Sherborn, Index Animalium **22**: 5400. [Listed.]

quinquecilincatus. Typographical error for *Oliarus quinquelineata* Say.

reductus Walker

- 1870 *Cixius reductus* Walker, Jour. Linn. Soc. Zool. **10**: 105. Mysol¹
 [n. sp.]¹ (East Indies)
 1907 *Oliarus reductus* Distant, Ann. Mag. Nat. Hist. (7) **19**:
 281. [Listed.]¹ Equals *Cixius reductus* Walk.

roridus Fieber. See *Oliarus major* var. *roridus* Fieber.

roridus var. *maculatus* Fieber. See *Oliarus major* Kirschbaum.

roridus var. *major* Kirschbaum. See *Oliarus major* Kirschbaum.

roridus var. *opalinus* Fieber. See *Oliarus major* Kirschbaum.

saccharicola Kirkaldy

- 1907 *Oliarus saccharicola* Kirkaldy, Bull. Hawaiian Sugar Pl. Fiji¹
 Assoc. **3**: 109. [n. sp.]¹ :107. [Key.] :12. [Listed.]

sanctae-helenae Stål. See *Oliarus dividens* Walker.

santae-helenae. Typographical error for *Oliarus sanctae-helenae* Stål. See *Oliarus dividens* Walker.

sementinus Ball

- 1902 *Oliarus sementinus* Ball, Canadian Ent. **34**: 152. [n. sp.]¹ Colorado¹

Oliarus

- 1904 *Oliarus sementinus* Swezey, Prelim. Cat. Fulgoridae Rocky
North America :31. [Listed.]¹ Mountains²
- 1908 *Oliarus sementinus* Van Duzee, Proc. Acad. Nat. Sci.
Philadelphia 1907: 486. [Listed.]¹
- 1916 *Oliarus sementinus* Van Duzee, Check List Hemip. America :79. [Listed.]²
- 1917 *Oliarus sementinus* Van Duzee, Cat. Hemip. America :733. [Listed.]¹

siculus Matsumura

- 1910 *Oliarus siculus* Matsumura, Jour. Coll. Sci. Tokyo 27: Sicily¹
4. [n. sp.]¹
- 1912 *Oliarus siculus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]¹
- 1924 *Oliarus siculus* Haupt, Mem. Soc. Ent. Italiana 3: 229. [Listed.]¹

signatus Fieber. See *Oliarus obscurus* Signoret.

silvestris Kirkaldy

- 1909 *Oliarus silvestris* Kirkaldy, Proc. Hawaiian Ent. Soc. 2: Hawaii¹
78. [n. sp.]¹ Hawaiian
- 1925 *Oliarus silvestris* Giffard, Proc. Hawaiian Ent. Soc. 6: Islands²
132 (82); Pl. VI, Figs. 97, 98, 101. [Described, illus-
trated.]² :65 (15). [Key.]

silvicola Kirkaldy. See *Oliarus kaonohi* Kirkaldy.

similis Giffard

- 1925 *Oliarus similis* Giffard, Proc. Hawaiian Ent. Soc. 6: 139 Hawaiian
(89); Pl. VIII, Figs. 127, 128. [Illustrated, n. sp.]¹ :65 Islands¹
(15). [Key.]

similis var. **lanaiana** nom. nov. for *Oliarus similis* var. *a* Giffard.

- 1925 *Oliarus similis* var. *a* Giffard, Proc. Hawaiian Ent. Soc. Hawaiian
6: 140 (90). [n. var.]¹ Islands¹

similis var. **mauiana** nom. nov. for *Oliarus similis* var. *c* Giffard.

- 1925 *Oliarus similis* var. *c* Giffard, Proc. Hawaiian Ent. Soc. Hawaiian
6: 141 (91). [n. var.]¹ Islands¹

similis var. **molokaiana** nom. nov. for *Oliarus similis* var. *b* Giffard.

- 1925 *Oliarus similis* var. *b* Giffard, Proc. Hawaiian Ent. Soc. Hawaiian
6: 141 (91). [n. var.]¹ Islands¹

simlae Distant

- 1911 *Oliarus simlae* Distant, Ann. Mag. Nat. Hist. (8) 8: 737. India¹
[n. sp.]¹
- 1916 *Oliarus simlae* Distant, Fauna British India 6: 31; Fig. 17, Fig. 18 (2).
[Described, illustrated.]¹

simplex Walker

- 1857 *Cixius simplex* Walker, Jour. Linn. Soc. Zool. 1: 147. Borneo¹
[n. sp.]¹

- 1858 *Cixius simplex* Walker, List Homop. British Mus. Suppl. :80. [Listed.]¹
 1859 *Cixius simplex* Dohrn, Cat. Hemip. :61. [Listed.]¹
 1907 *Oliarus simplex* Distant, Ann. Mag. Nat. Hist. (7) 19: 281. [Listed.]¹
 Equals *Cixius simplex* Walk.

singularis Muir

- 1924 *Oliarus singularis* Muir, Philippine Jour. Sci. 24: 521; Java¹
 Pl. 2, Fig. 14. [Illustrated, n. sp.]¹

siporiensis nom. nov. for *Oliarus angusticeps* Muir 1926 [nec *Oliarus angusticeps* Horváth 1892].

- 1926 *Oliarus angusticeps* Muir, Jour. Malayan Branch Roy. Asiatic Soc. 4: 396. [n. sp.]¹ [nom. praeoc.] Sipora Island¹

slossoni Van Duzee

- 1908 *Oliarus hyalinus* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia 1907: 487. [n. sp.]¹ :485. [Key.] Florida¹
 Southern States²
 1912 *Oliarus slossoni* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 10: 494. nom. nov. for *Oliarus hyalinus* Van D. [nec Fieb.]¹ Mississippi³
 Texas⁴
 1914 *Oliarus slossoni* Barber, Bull. American Mus. Nat. Hist. 33: 527. [Listed.]¹
 1916 *Oliarus slossoni* Van Duzee, Check List Hemip. America :79. [Listed.]²
 Equals *Oliarus hyalinus* Van D.
 1917 *Oliarus slossoni* Van Duzee, Cat. Hemip. America :733. [Listed.]¹ Equals *Oliarus hyalinus* Van D.
 1921 *Oliarus slossoni* Osborn, Florida Ent. 5: 15. [Listed.]¹
 1923 *Oliarus slossoni* Metcalf, Jour. Elisha Mitchell Soc. 38: 160. [Key.]
 1928 *Oliarus slossoni* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 59, Fig. 16. [Described, illustrated.]^{1,3,4} Equals *Oliarus hyalinus* Van D. :58. [Key.]

sordidus Fieber

- 1872 *Oliarus sordidus* Fieber, Kat. Europäischen Cicad. :3. Greece¹
 [Listed.] [nom. nud.]¹
 1875 *Oliarus sordidus* Puton, Cat. Hémipt. d'Europe 2d. E. :113. [Listed.]
 [nom. nud.]¹
 1876 *Oliarus sordidus* Fieber, Cicad. d'Europe Pt. 2: 208 (198). [n. sp.]¹
 1886 *Oliarus sordidus* Puton, Cat. Hémipt. Faune Pal. :69. [Listed.]¹
 1899 *Oliarus sordidus* Puton, Cat. Hémipt. Faune Pal. :103. [Listed.]¹
 1907 *Oliarus* [sic] *sordidus* Oshanin, Verz. Palaeark. Hemip. 2: 238. [Listed.]¹
 1912 *Oliarus sordidus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]¹

speciosus Matsumura

- 1914 *Oliarus speciosus* Matsumura, Annot. Zool. Japonenses 8: 424. [n. sp.]¹ Formosa¹

Oliarus

- 1915 *Oliarus speciosus* Schumacher, Homop.-Fauna Insel Formosa :115.
[Listed.]¹
1915 *Oliarus speciosus* Schumacher, Suppl. Ent. 4: 131. [Listed.]¹

spinosus Bierman

- 1910 *Oliarius* [sic] *spinosus* Bierman, Notes Leyden Mus. Java¹
Jentink 33: 17. [n. sp.]¹

splendidulus Fieber

- 1872 *Oliarus splendidulus* Fieber, Kat. Europäischen Cicad. Hungary¹
:3. [Listed.]^{1,2} [nom. nud.] Greece²
1875 *Oliarus splendidulus* Puton, Cat. Hémip. d'Europe 2 Ed. Austria³
:113. [Listed.]^{1,2} [nom. nud.] Serbia⁴
1876 *Oliarus splendidulus* Fieber, Cicad. d'Europe Pt. 2: 203 Corfu⁵
(193). [n. sp.]^{1,2} (Greece)
1884 *Oliarus splendidulus* Mayr, Tabellen :17. [Listed.]¹
1886 *Oliarus splendidulus* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]^{1,2}
1896 *Oliarius* [sic] *splendidulus* Melichar, Cicad. Mittel-Europa :31. [De-
scribed.]¹ :29. [Key.]
1897 *Oliarus splendidulus* Horváth, Fauna Regni Hungariae :55. [Listed.]¹
1899 *Oliarus splendidulus* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]^{1,2}
1903 *Oliarus splendidulus* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21:
59. [Listed.]³
1903 *Oliarus splendidulus* Horváth, Ann. Mus. Nat. Hungarici 1: 27. [Listed.]⁴
1907 *Oliarus splendidulus* Paganetti-Hummler, Zeits. Wiss. Insektenbiol. 3:
95. [Listed.]⁵
1907 *Oliarius* [sic] *splendidulus* Oshanin, Verz. Palaeark. Hemip. 2: 236.
[Listed.]^{1,2}
1912 *Oliarus splendidulus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]^{1,2}
1912 *Oliarius* [sic] *splendidulus* Sabrinsky, Mitt. Natur. Ver. Steiermark 48:
316. [Listed.]³

sponsa Kirkaldy

- 1906 *Oliarus sponsa* Kirkaldy, Bull. Hawaiian Sugar Pl. Queensland¹
Assoc. 1: 400. [n. sp.]¹ :398. [Key.]
1907 *Oliarus sponsa* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 108. [Key.]

stenocephalus Haupt

- 1917 *Oliarus stenocephalus* Haupt, Wien. Ent. Zeit. 36: 258. Buchará¹
[n. sp.]¹

stigma Motschulsky

- 1863 *Cixius stigma* Motschulsky, Bull. Soc. Nat. Moscou 36: Ceylon¹
105. [n. sp.]¹
1891 *Cixius stigma* Kirby, Jour. Linn. Soc. Zool. 24: 138. [Listed.]¹
1903 *Oliarus stigma* Melichar, Homop.-Fauna Ceylon :30. [Described.]¹
Equals *Cixius stigma* Motsch. :223. [Listed.]¹

- 1906 *Oliarus stigma* Distant, Fauna British India 3: 257. [Described.]¹ Equals *Cixius stigma* Motsch.

subnubilus Uhler

- 1896 *Cixius subnubilus* Uhler, Proc. United States Nat. Mus. Japan¹
19: 279. [n. sp.]¹
- 1900 *Oliarus subnubilus* Matsumura, Ent. Nachr. 26: 208 (4). [Listed.]¹
Equals *Cixius subnubilus* Uhl.
- 1903 *Cixius subnubilus* Henshaw, Psyche 10: 227. [Listed.]¹
- 1905 *Oliarus subnubilus* Matsumura, 1000 Ins. Japan 2: 59; Pl. 21, Fig. 11.
[Notes, illustrated.]¹
- 1907 *Oliarus* [sic] *subnubilus* Oshanin, Verz. Palaeark. Hemip. 2: 240.
[Listed.]¹ Equals *Cixius subnubilus* Uhl.
- 1912 *Oliarus subnubilus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]¹
- 1914 *Oliarus subnubilus* Matsumura, Annot. Zool. Japonenses 8: 418. [Listed.]¹
Equals *Cixius subnubilus* Uhl.
- 1931 *Oliarus subnubilus* Matsumura, 6000 Ill. Ins. Japan Empire :1270. [De-
scribed, illustrated.]¹
- 1932 *Oliarus subnubilus* Esaki, Iconographia Insectorum Japonicorum :1776.
[Described, illustrated.]¹
- 1933 *Oliarus subnubilus* Kato, Illustrated Insects of Japan 4: Pl. 11, Fig. 8.
[Illustrated.]¹

subpunctata Walker

- 1870 *Brixia subpunctata* Walker, Jour. Linn. Soc. Zool. 10: Flores¹
112. [n. sp.]¹ (E. Indies)
- 1907 *Oliarus subpunctatus* Distant, Ann. Mag. Nat. Hist. (7)
19: 282. [Listed.]¹ Equals *Brixia subpunctata* Walk.

sudanicus Lallemand

- 1925 *Oliarus sudanicus* Lallemand, Ark. Zool. 18: (4). [n. sp.]¹ Central
Africa¹

suezensis Matsumura

- 1910 *Oliarus suezensis* Matsumura, Jour. Coll. Sci. Tokyo Egypt¹
27: 7. [n. sp.]¹
- 1912 *Oliarus suezensis* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]¹
- 1924 *Oliarus suezensis* Debski, Bull. Soc. Ent. Egypt 1923: 14. [Described.]¹

swezeyi Giffard

- 1925 *Oliarus swezeyi* Giffard, Proc. Hawaiian Ent. Soc. 6: 67 Hawaiian
(17); Pl. I, Fig. 7; Pl. II, Figs. 15, 22-26. [Illustrated, Islands¹
n. sp.]¹ :61 (11). [Key.]

tabrobanensis Melichar

- 1903 *Oliarus tabrobanensis* Melichar, Homop.-Fauna Ceylon Ceylon¹
:31. [n. sp.]¹ :223. [Listed.]¹
- 1906 *Oliarus tabrobanensis* Distant, Fauna British India 3: 257. [Described.]¹

*Oliarus***talunia** Kirkaldy

- 1906 *Oliarus talunia* Kirkaldy, Bull. Hawaiian Sugar Pl. Queensland¹
 Assoc. **1**: 398. [n. sp.]¹ :397. [Key.]
 1907 *Oliarus talunia* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 168. [Key.]

tamehameha Kirkaldy

- 1902 *Oliarus tamehameha* Kirkaldy, Fauna Hawaiiensis **3**: Hawaii¹
 120; Pl. IV, Fig. 4. [n. sp., illustrated, key.]¹ :99. Hawaiian I.²
 [Listed.]
 1908 *Oliarus tamehameha* Kirkaldy, Proc. Hawaiian Ent. Soc. **1**: 201. [Listed.]¹
 1909 *Oliarus tamehameha* Kirkaldy, Proc. Hawaiian Ent. Soc. **2**: 77. [Key.]¹
 1925 *Oliarus tamehameha* Giffard, Proc. Hawaiian Ent. Soc. **6**: 81 (31); Pl. 1,
 Fig. 11; Pl. IV, Figs. 50, 51. [Described, illustrated.]² :62 (12). [Key.]

tangira Matsumura

- 1910 *Oliarus tangira* Matsumura, Jour. Coll. Sci. Tokyo **27**: Tanger¹
 3. [n. sp.]¹ (North
 1912 *Oliarus tangirus* Oshanin, Kat. Palaeark. Hemip. :116. Africa)
 [Listed.]² Morocco²

tantalus Giffard

- 1925 *Oliarus tantalus* Giffard, Proc. Hawaiian Ent. Soc. **6**: 71 Hawaiian
 (21); Pl. I, Fig. 1; Pl. III, Figs. 32, 33. [Illustrated, Islands¹
 n. sp.]¹ :62 (12). [Key.]

tappanus Matsumura

- 1914 *Oliarus tappanus* Matsumura, Annot. Zool. Japonenses Formosa¹
8: 424. [n. sp.]¹
 1915 *Oliarus tappanus* Schumacher, Homop.-Fauna Insel Formosa :115.
 [Listed.]¹

tarai Kirkaldy

- 1902 *Oliarus tarai* Kirkaldy, Fauna Hawaiiensis **3**: 123; Pl. IV, Hawaii¹
 Figs. 8-9. [n. sp., illustrated.]¹ :120. [Key.] :99. [Listed.] Hawaiian I.²
 1908 *Oliarus tarai* Kirkaldy, Proc. Hawaiian Ent. Soc. **1**: 201.
 [Listed.]¹
 1909 *Oliarus tarai* Kirkaldy, Proc. Hawaiian Ent. Soc. **2**: 77. [Key.]¹
 1925 *Oliarus tarai* Giffard, Proc. Hawaiian Ent. Soc. **6**: 97 (47); Pl. V, Figs.
 72-75. [Described, illustrated.]² :63 (13). [Key.]

tarai var. *hawaiiensis* nom. nov. for *Oliarus tarai* var. *a* Kirkaldy.

- 1902 *Oliarus tarai* var. *a* Kirkaldy, Fauna Hawaiiensis **3**: 123. Hawaii¹
 [n. var.]¹

tarai var. *kohalana* nom. nov. for *Oliarus tarai* var. *a* Giffard.

- 1925 *Oliarus tarai* var. *a* Giffard, Proc. Hawaiian Ent. Soc. Hawaiian
6: 98 (48). [n. var.]¹ Islands¹

tarai var. *morai* Kirkaldy. See *Oliarus morai* Kirkaldy.

tasmani Kirkaldy

- 1907 *Oliarus tasmani* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 108. [n. sp.]¹ [Key.] :12. [Listed.] Fiji¹

testaceus Walker

- 1851 *Cixius testaceus* Walker, List Homop. British Mus. **2**: 344. [n. sp.]¹ Locality unknown¹
- 1859 *Cixius testaceus* Dohrn, Cat. Hemip. :60. [Listed.]¹
- 1907 *Oliarus testaceus* Distant, Ann. Mag. Nat. Hist. (7) **19**: 281. [Listed.]¹ Equals *Cixius testaceus* Walk.

texanus Metcalf

- 1923 *Oliarus texanus* Metcalf, Jour. Elisha Mitchell Soc. **38**: 181; Figs. 275, 572. [Illustrated, n. sp.]¹ :161. [Key.] Texas¹
- 1927 *Oliarus texanus* Frison, Bull. Illinois Nat. Hist. Surv. **16**: 153. [Listed.]¹

transitorius Berg

- 1883 *Oliarius* [sic] *transitorius* Berg, An. Soc. Cient. Argentina **16**: 187. [n. sp.]¹ Uruguay¹
- 1884 *Oliarius* [sic] *transitorius* Berg, Add. Hemip. Argentina :132. [n. sp.]¹

tristis Fieber

- 1872 *Oliarus tristis* Fieber, Kat. Europäischen Cicad. :3. [Listed.] [nom. nud.]¹ Montenegro¹
- 1875 *Oliarus tristis* Puton, Cat. Hémipt. d'Europe 2d. E. :113. [Listed.] [nom. nud.]¹
- 1876 *Oliarus tristis* Fieber, Cicad. d'Europe Pt. **2**: 199 (189). [n. sp.]¹
- 1886 *Oliarus tristis* Puton, Cat. Hémipt. Faune Pal. :69. [Listed.]¹
- 1899 *Oliarus tristis* Puton, Cat. Hémipt. Faune Pal. :103. [Listed.]¹
- 1907 *Oliarius* [sic] *tristis* Oshanin, Verz. Palaeark. Hemip. **2**: 236. [Listed.]¹
- 1912 *Oliarus tristis* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]¹
- 1918 *Oliarus tristis* Horváth, Ann. Mus. Nat. Hungarici **16**: 330. [Listed.]¹

truncatus Van Duzee

- 1929 *Oliarus truncatus* Van Duzee, Pan-Pacific Ent. **6**: 72. [n. sp.]¹ California¹

tsoui Muir

- 1925 *Oliarus tsoui* Muir, Philippine Jour. Sci. **28**: 365; Fig. 1. [n. sp., illustrated.]¹ China¹

turae Muir

- 1922 *Oliarus turae* Muir, Rec. Indian Mus. **24**: 345. [n. sp.]¹ India¹

velox Matsumura

- 1914 *Oliarus velox* Matsumura, Annot. Zool. Japonenses **8**: 425. [n. sp.]¹ Formosa¹
- 1915 *Oliarus velox* Schumacher, Homop.-Fauna Insel Formosa :115. [Listed.]¹

*Oliarus***vicarius** Walker

- 1851 *Cixius vicarius* Walker, List Homop. British Mus. 2: 343. [n. sp.]¹ Florida⁴
Massa-
- 1859 *Cixius vicarius* Dohrn, Cat. Hemip. :60. [Listed.]¹ chusetts²
- 1877 *Cixius vicarius* Uhler, Bull. United States Geol. Geog. Maryland³
Surv. Terr. 3: 458. [Listed.]^{1,2,3,4,6} Texas⁴
- 1890 *Cixius vicarius* Smith, Cat. Ins. New Jersey :440. New Jersey⁵
[Listed.] Colorado⁶
- 1895 *Cixius vicarius* Gillette and Baker, Hemip. Colorado Georgia⁷
:69. [Listed.]⁶ North
- 1900 *Cixius vicarius* Smith, Ins. New Jersey 2: 88. [Listed.]⁵ Carolina⁸
- 1904 *Cixius vicarius* Swezey, Prelim. Cat. Fulgoridae North Southern
America :27. [Listed.]^{1,2,3,4,6} States⁹
- 1907 *Oliarus vicarius* Distant, Ann. Mag. Nat. Hist. (7) 19: 280. [Listed.]¹ Equals *Cixius vicarius* Walk.
- 1908 *Oliarus vicarius* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia 1907: 485. [Key.] :486. [Notes.]^{1,7}
- 1909 *Oliarus vicarius* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 9: 187. [Notes.]¹
- 1910 *Cixius vicarius* Smith, Rept. Ins. New Jersey :95. [Listed.]
- 1914 *Oliarus vicarius* Barber, Bull. American Mus. Nat. Hist. 33: 527. [Listed.]¹
- 1915 *Oliarus vicarius* Metcalf, Jour. Elisha Mitchell Soc. 31: 43 (11). [Listed.]⁸
- 1916 *Oliarus vicarius* Van Duzee, Check List Hemip. America :79. [Listed.]⁹
- 1917 *Oliarus vicarius* Van Duzee, Cat. Hemip. America :732. [Listed.]^{1,3,4,6,7}
Equals *Cixius vicarius* Walk.
- 1921 *Oliarus vicarius* Osborn, Florida Ent. 5: 15. [Listed.]¹
- 1923 *Oliarus vicarius* Metcalf, Jour. Elisha Mitchell Soc. 38: 161; Figs. 277, 575. [Key, illustrated.]
- 1928 *Oliarus vicarius* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 58. [Key.] :62. [Described.]^{1,3,4,6,7} Equals *Cixius vicarius* Walk.

villosa Fabricius

- 1775 *Cicada villosa* Fabricius, Systema Ent. :684. [n. sp.]¹ America¹
- 1781 *Cicada villosa* Fabricius, Species Ins. 2: 324. [De- S. America²
scribed.]²
- 1787 *Cicada villosa* Fabricius, Mantissa Insectorum 2: 270. [Described.]
- 1789 *Cicada villosa* Gmelin, Linné Syst. Nat. :2113. [Described.]²
- 1794 *Cicada villosa* Fabricius, Entomologia Syst. 4: 34. [Described.]²
- 1803 *Flata villosa* Fabricius, Systema Rhyng. :52. [Described.]² Equals *Cicada leporina* Linn. [error.] Equals *Cicada villosa* Fabr.
- 1830 *Flata villosa* Germar, Thon Archiv 2: 50. [Described.]² Equals *Cicada villosa* Fabr.
- 1850 *Flata villosa* Schaum, Allg. Ency. Ersch und Gruber 51: 73. [Listed.]
- 1869 *Oliarus villosus* Stål, Hemip. Fabriciana 2: 92. [Described.]² Equals *Flata villosa* Fabr.
- 1902 *Cicada villosa* Sherborn, Index Animalium 1758-1800: 1045. [Listed.]

virgultivagus Hesse

- 1925 *Oliarus virgultivagus* Hesse, Ann. South African Mus. S. Africa¹
23: 153; Pl. VII, Fig. 5. [Illustrated, n. sp.]¹

vitiensis Kirkaldy (var.). See *Oliarus lubra* var. *vitiensis* Kirkaldy.

vitreus Melichar

- 1905 *Oliarus vitreus* Melichar, Wien. Ent. Zeit. 24: 282. E. Africa¹
[n. sp.]¹

vitreus Metcalf. See *Oliarus lucidus* Metcalf.

vittatus Metcalf

- 1923 *Oliarus vittatus* Metcalf, Jour. Elisha Mitchell Soc. 38: Texas¹
181; Figs. 74, 276, 573. [Illustrated, n. sp.]¹:161. [Key.]

- 1927 *Oliarus vittatus* Frison, Bull. Illinois Nat. Hist. Surv. 16: 153. [Listed.]¹

volcanicola Kirkaldy (var.). See *Oliarus filicicola* Kirkaldy.

waialeale Giffard

- 1925 *Oliarus waialeale* Giffard, Proc. Hawaiian Ent. Soc. 6: Hawaiian
125 (75); Pl. VI, Figs. 92, 93. [Illustrated, n. sp.]¹:65 Islands¹
(15). [Key.]

wailupensis Giffard

- 1925 *Oliarus wailupensis* Giffard, Proc. Hawaiian Ent. Soc. Hawaiian
6: 76 (26); Pl. III, Figs. 39, 40. [Illustrated, n. sp.]¹:61 Islands¹
(11), 62 (12). [Key.]

walkeri Stål

- 1859 *Cixius walkeri* Stål, Freg. Eugenes Resa :272. [n. sp.]^{1,2} Malacca¹
1862 *Oliarus walkeri* Stål, Berliner Ent. Zeit. 6: 306. Equals (East Indies)
Cixius walkeri Stål. Philippine I.²
1870 *Oliarus walkeri* Stål, Ofv. Svenska Vet. Akad. Forh. 27: Malay
746. [Listed.]² Equals *Cixius walkeri* Stål. Peninsula³
1886 *Oliarus walkeri* Atkinson, Jour. Asiatic Soc. Bengal 55: Singapore⁴
33. [Described.]^{1,2} Equals *Cixius walkeri* Stål. Penang⁵
1906 *Oliarus walkeri* Distant, Fauna British India 3: 256; Borneo⁶
Fig. 113. [Described, illustrated.]^{2,3} Equals *Cixius* Java⁷
walkeri Stål.
1910 *Oliarius* [sic] *walkeri* Bierman, Notes Leyden Mus. Jentink 33: 16.
[Notes.]⁷
1924 *Oliarus walkeri* Muir, Philippine Jour. Sci. 24: 517; Pl. 1, Figs. 8a-c.
[Described, illustrated.]^{2,4,5,6} Equals *Cixius walkeri* Stål.

[Subgenus **NESOLIARUS** Kirkaldy]

Nesoliarus subgenus of *Oliarus*

Orthotype *Oliarus* (*Nesoliarus*) *tamehameha* 1909 Kirkaldy, Proc.
Hawaiian Ent. Soc. 2: 76.

Nesoliarus—*Nesopompe*—*Hyalesthes*

Type *Oliarus* (*Nesoliarus*) *tamehameha* 1925 Giffard, Proc. Hawaiian Ent. Soc. 6: 81 (31).

Type *Nesoliarus tamehameha* 1925 Muir, Pan-Pacific Ent. 1: 102.

Nesoliarus 1909 Kirkaldy, Proc. Hawaiian Ent. Soc. 2: 76. [subg. n.]
 1925 Giffard, Proc. Hawaiian Ent. Soc. 6: 51 (1). [Key.]
 1925 Muir, Pan-Pacific Ent. 1: 102. [Listed.] :106, 107. [Key.] :161.
 [Notes.]

[Subgenus **NESOPOMPE** Kirkaldy]

Nesopompe subgenus of *Oliarus*

Orthotype *Oliarus felis* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 107.

Type *Nesopompe felis* 1925 Muir, Pan-Pacific Ent. 1: 102.

Nesopompe 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 107. [Subgen. n. of *Oliarus*.]
 1912 Waterhouse, Index Zool. 2: 192. [Listed.]
 1925 Muir, Pan-Pacific Ent. 1: 102. [Listed.] :107. [Key.] :161.
 [Notes.]
 1925 Giffard, Proc. Hawaiian Ent. Soc. 6: 51 (1). [Key.]
 1932 Schulze, Kükenthal and Heider, Nomenclator Animal. 3 (16): 2248. [Listed.]

Genus **HYALESTHES** Signoret

Haplotype *Hyalesthes obsoletus* [n. sp.] 1865 Signoret, Ann. Soc. Ent. France (4) 5: 128.

Type *Hyalesthes obsoletus* 1912 Oshanin, Kat. Palaeark. Hemip. :116.

Type *Hyalesthes obsoletus* 1925 Muir, Pan-Pacific Ent. 1: 101.

Type *Hyalesthes obsoletus* 1929 Haupt, Zool. Jahrb. Syst. Okol. 58: 196.

[*Liorhinus* Kirschbaum]

[Haplotype *Liorhinus albolimbatus* [n. sp.] 1868 Kirschbaum, Cicad. Wiesbaden :49.]

[Type *Liorhinus albolimbatus* 1925 Muir, Pan-Pacific Ent. 1: 102.]

Hyalesthes 1865 Signoret, Ann. Soc. Ent. France (4) 5: 128. [gen. n.]
Liorhinus 1868 Kirschbaum, Cicad. Wiesbaden :49. [gen. n.] :12. [Key.]
Hyalesthes 1872 Fieber, Kat. Europäischen Cicad. :3. [Listed.] Equals *Liorhinus* Kb.
 1872 Fieber, Verh. Zool. Bot. Ges. Wien 22: 29. Equals *Liorhinus* Kb.
 1875 Fieber, Cicad. d'Europe Pt. 1: 356 (69). [Described.]
 1875 Puton, Cat. Hémipt. d'Europe 2d. Ed. :113. [Listed.] Equals *Liorhinus* Kb.
 1876 Fieber, Cicad. d'Europe Pt. 2: 195 (185). Pl. 5. [Illustrated, key to species.] Equals *Liorhinus* Kb.

- Hyalestes* [sic] 1882 Ferrari, Cicad. Agri Ligustici :79 (7). [Key.] :82 (10).
[Listed, key to species.]
- Hyalesthes* 1882 Scudder, Nomenclator Zool. Univ. Index :154. [Listed.]
1884 Mayr, Tabellen :17. [Key.] Equals *Liorhinus* Kb.
1886 Then, Kat. österreichischen Cicad. :11. [Listed.]
1886 Puton, Cat. Hémipt. Faune Pal. :69. [Listed.] Equals *Liorhinus* Kb.
1889 Ashmead, Ent. Amer. 5: 25. [Key.]
1892 Spitzner, Hemip. Mährens :(26). [Listed.]
1893 Bezzi, Bull. Soc. Ent. Italiana 25: 107 (27). [Listed.]
1896 Melichar, Cicad. Mittel-Europa :27. [Described, key to species.] :19. [Key.]
1897 Horváth, Fauna Regni Hungariae :54. [Listed.]
- Hyalestes* [sic] 1899 Marchal, Bull. Soc. Hist. Nat. Autun 11: 588. [Listed.]
- Hyalesthes* 1899 Puton, Cat. Hémipt. Faune Pal. :103. [Listed.] Equals *Liorhinus* Kb.
1900 Strobl, Mitt. Natur. Ver. Steiermark 36: 202. [Listed.]
- Hyalesthes* 1901 Lambertie, Act. Soc. Linn. Bordeaux 56: (86). [Listed.]
Equals *Liorhinus* Kb.
- Hyalestes* [sic] 1902 Cobelli, Cicadine Trentino :7. [Listed.]
- Hyalesthes* 1903 Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 58. [Listed.]
1904 Lambertie Act. Soc. Linn. Bordeaux 59: XXX (14). [Listed.]
1904 Hueber, Syst. Verz. deutschen Zikadinen :268. [Listed.]
Equals *Liorhinus* Kb.
1907 Oshanin, Verz. Palaeark. Hemip. 2: 240. [Listed.] Equals *Liorhinus* Kb.
1910 Lambertie, Misc. Ent. 18: 89. [Listed.] Equals *Liorhinus* Kb.
1912 Oshanin, Kat. Palaeark. Hemip. :116. [Listed.] Equals *Liorhinus* Kb.
- Hyalestes* [sic] 1913 Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]
- Hyalesthes* 1925 Handlirsch, Schroder's Handb. Ent. 3 (9): 1107. [Listed.]
1925 Muir, Pan-Pacific Ent. 1: 101. [Listed.] Equals *Liorhinus* Kb. :107. [Key.]
- Liorhinus* 1925 Muir, Pan-Pacific Ent. 1: 102. [Synonym of *Hyalesthes* Sign.]
- Hyalesthes* 1929 Haupt, Zool. Jahrb. Syst. Okol. 58: 189; Fig. 12. [Illustrated.] :196. [Key.]
1930 Schulze, Kükenthal and Heider, Nomenclator Animal. 3 (12): 1604. [Listed.]
- Liorhinus* 1931 Schulze, Kükenthal and Heider, Nomenclator Animal. 3 (14): 1859. [Listed.]

obsoletus Signoret. Typographical error for *Hyalesthes obsoletus* Signoret.

abolimbatus Kirschbaum. See *Hyalesthes obsoletus* Signoret.

*Hyalesthes***angustus** Horváth

- 1909 *Hyalesthes angustus* Horváth, Ann. Mus. Nat. Hun- Canaries¹
garici 7: 299. [n. sp.]¹
- 1910 *Hyalesthes angustus* Oshanin, Ann. Mus. Zool. St. Petersburg 15: 182.
[Listed.]¹
- 1912 *Hyalesthes angustus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]¹

basalis Lethierry

- 1890 *Hyalesthes basalis* Lethierry, Ann. Soc. Ent. France (6) Venezuela¹
10: 149. [n. sp.]¹

flavipennis Horváth

- 1909 *Hyalesthes flavipennis* Horváth, Ann. Mus. Nat. Hun- Canaries¹
garici 7: 300. [n. sp.]¹
- 1910 *Hyalesthes flavipennis* Oshanin, Ann. Mus. Zool. St. Petersburg 15: 182.
[Listed.]¹
- 1912 *Hyalesthes flavipennis* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]¹

grandis Matsumura. See *Hyalesthes productus* Lethierry.

luteipes Fieber

- 1872 *Hyalesthes luteipes* Fieber, Kat. Europäischen Cicad. :3. Italy¹
[Listed.] [nom. nud.]¹ France²
- 1875 *Hyalesthes luteipes* Puton, Cat. Hémip. d'Europe 2 Ed. Corsica³
:113. [Listed.] [nom. nud.]^{1,2,3} Spain⁴
- 1876 *Hyalesthes luteipes* Fieber, Cicad. d'Europe Pt. 2: 197 Portugal⁵
(187). [n. sp.]¹ Germany⁶
- 1880 *Hyalestes* [sic] *luteipes* Chicote, An. Soc. Española 9: Greece⁷
200 (16). [Listed.]^{1,5} Austria⁸
- 1882 *Hyalestes* [sic] *luteipes* Ferrari, Cicad. Agri Ligustici :82 Serbia⁹
(10). [Key, listed.]¹ Crimea¹⁰
- 1885 *Hyalestes* [sic] *luteipes* Ferrari, Bull. Soc. Ent. Italiana Hungary¹¹
17: 271. [Listed.]¹ Rumania¹²
- 1886 *Hyalesthes luteipes* Then, Kat. österreichischen Cicad. Turkestan¹³
:11. [Listed.]¹ Southern
- 1886 *Hyalesthes luteipes* Puton, Cat. Hémip. Faune Pal. :69. Europe¹⁴
[Listed.]^{1,2,6,7,5} Turkey¹⁵
- 1892 *Hyalestes* [sic] *luteipes* Ferrari, Ann. Mus. Genova (2)
12: 568 (20). [Listed.]¹
- 1896 *Hyalesthes luteipes* Melichar, Cicad. Mittel-Europa :28. [Described, key.]¹
- 1897 *Hyalesthes luteipes* Horváth, Fauna Regni Hungariae :54. [Listed.]¹¹
- 1899 *Hyalesthes luteipes* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]^{1,2,6,7,8}
- 1900 *Hyalesthes luteipes* Strobl, Mitt. Natur. Ver. Steiermark 36: 202. [Listed.]⁸
- 1901 *Hyalesthes luteipes* Lambertie, Act. Soc. Linn. Bordeaux 56: (86).
[Listed.]²
- 1903 *Hyalesthes luteipes* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 59.
[Listed.]⁸

- 1903 *Hyalesthes luteipes* Horváth, Ann. Mus. Nat. Hungarici 1: 27. [Listed.]⁹
 1904 *Hyalesthes luteipes* Lambertie, Act. Soc. Linn. Bordeaux 59: XXX (14).
 [Listed.]²
 1904 *Hyalesthes luteipes* Hueber, Syst. Verz. deutschen Zikadinen :268.
 [Listed.]⁶
 1906 *Hyalesthes luteipes* Schugurov, Zool. Anz. 30: 711. [Listed.]¹⁰
 1907 *Hyalesthes luteipes* Oshanin, Verz. Palaeark. Hemip. 2: 241. [Listed.]^{1,2,3,4,7,8,11,12,13,15}
 1910 *Hyalesthes luteipes* Lambertie, Misc. Ent. 18: 89. [Listed.]²
 1912 *Hyalesthes luteipes* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]^{13,14}
 1925 *Hyalesthes luteipes* Handlirsch, Schröder's Handb. Ent. 3 (9): 1106; Fig. 103. [Illustrated.]

***luteipes* var. *scotti* Ferrari**

- 1882 *Hyalestes* [sic] *luteipes scotti* Ferrari, Cicad. Agri Ligustici :82 (10). [n. var., key.]³ France¹
 Germany²
 1883 *Hyalesthes luteipes scotti* Löw, Wien. Ent. Zeit. 2: 60. Italy³
 [Listed.] Austria⁴
 1886 *Hyalesthes luteipes scotti* Puton, Cat. Hémip. Faune Pal. Serbia⁵
 :69. [Listed.]^{1,2,3,4} Hungary⁶
 1886 *Hyalesthes luteipes scottii* Then, Kat. österreichischen Rumania⁷
 Cicad. :11. [Listed.]⁴ Spain⁸
 1892 *Hyalestes* [sic] *luteipes scotti* Ferrari, Ann. Mus. Genova (2) 12: 568 (20). [Listed.]³
 1896 *Hyalesthes luteipes scottii* Melichar, Cicad. Mittel-Europa :29. [Listed.]⁴
 1897 *Hyalesthes luteipes scotti* Horváth, Fauna Regni Hungariae :54. [Listed.]⁶
 1899 *Hyalesthes luteipes scotti* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]^{1,2,3,4}
 1900 *Hyalesthes luteipes scottii* Strobl, Mitt. Natur. Ver. Steiermark 36: 202. [Listed.]⁴
 1901 *Hyalesthes luteipes scotti* Lambertie, Act. Soc. Linn. Bordeaux 56: (86). [Listed.]¹
 1902 *Hyalesthes luteipes scotti* Lambertie, Act. Soc. Linn. Bordeaux 57: (2). [Listed.]¹
 1902 *Hyalesthes luteipes scotti* Lambertie, Bull. Soc. Ent. France 1902: 325. [Listed.]¹
 1903 *Hyalesthes luteipes scotti* Horváth, Ann. Mus. Nat. Hungarici 1: 27. [Listed.]⁵
 1904 *Hyalesthes luteipes scotti* Lambertie, Act. Soc. Linn. Bordeaux 59: XXX (14). [Listed.]¹
 1904 *Hyalesthes luteipes scotti* Hueber, Syst. Verz. deutschen Zikadinen :268. [Listed.]²
 1907 *Hyalesthes luteipes scotti* Oshanin, Verz. Palaeark. Hemip. 2: 241. [Listed.]^{1,3,4,6,7}
 1910 *Hyalesthes luteipes scotti* Lambertie, Misc. Ent. 18: 89. [Listed.]¹
 1912 *Hyalesthes luteipes scotti* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]

Hyalesthes

- 1920 *Hyalesthes luteipes scotti* Codina, Bol. Soc. Ent. España 1: 104 (5).
[Listed.]⁸

mlokosiewiczzi Signoret

- 1879 *Hyalesthes mlokosiewiczzi* Signoret, Ann. Soc. Ent. France (5) 9: CXVI. [n. sp.]¹ Persia¹
Turkey²
- 1883 *Hyalesthes mlokosiewiczii* [sic] Löw, Wien, Ent. Zeit. 2: 60. [Listed.]³ Caucasus³
- 1884 *Hyalesthes mlokosiewiczii* [sic] Puton, Rev. Ent. 3: 87. [Notes.]^{1,2}
- 1884 *Hyalesthes mlokosiewiczii* [sic] Signoret, Bull. Soc. Ent. France (6) 4: LXXVIII. [Notes.]
- 1886 *Hyalesthes mlokosiewiczii* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]^{1,2}
- 1899 *Hyalesthes mlokosiewiczii* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]^{1,2}
- 1907 *Hyalesthes mlokosiewiczzi* Oshanin, Verz. Palaeark. Hemip. 2: 241. [Listed.]^{1,2}
- 1912 *Hyalesthes mlokosiewiczzi* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]^{1,2}
- 1913 *Hyalesthes mlokosiewiczzi* Melichar, Mitt. Kaukasischen Mus. 7: 14. [Listed.]³
- 1914 *Hyalesthes mlokosiewiczzi* Melichar, Mitt. Kaukasischen Mus. 8: 133 (7). [Listed.]³

obsoletus Signoret

- 1847 *Hyalesthes* Amyot, Ann. Soc. Ent. France (2) 5: 163. [Described.]¹ [non binom.] Southern France¹
- 1848 *Hyalesthes* Amyot, Meth. Mon. :359. [Described.]¹ [non binom.] Dalmatia²
Southern
- 1865 *Hyalesthes obsoletus* Signoret, Ann. Soc. Ent. France (4) 5: 128. [n. sp.]¹ Equals *Hyalesthes* Amyot (non. binom.) Europe³
France⁴
- 1868 *Liorhinus albolimbatus* Kirschbaum, Cicad. Wiesbaden :49. [n. sp.]² Spain⁵
Switzerland⁶
- 1872 *Hyalesthes obsoletus* Fieber, Kat. Europäischen Cicad. :3. [Listed.]³ Equals *Hyalesthes albolimbatus* Kb. Austria⁷
Italy⁸
- 1872 *Hyalesthes obsoletus* Fieber, Verh. Zool. Bot. Ges. Wien 22: 29. Equals *Liorhinus albolimbatus* Kb. Portugal⁹
Germany¹⁰
- 1875 *Hyalesthes obsoletus* Puton, Cat. Hémip. d'Europe 2 Ed. :113. [Listed.]¹ Equals *Hyalesthes albolimbatus* Kb. Czecho-slovakia¹¹
- 1876 *Hyalesthes obsoletus* Fieber, Cicad. d'Europe Pt. 2: 196 (186). [Key.]^{2,4,6,7,21} Equals *Liorhinus a'bolimbatus* Kb. Serbia¹²
Hungary¹³
- 1879 *Hyalestes* [sic] *obsoletus* Bolivar and Chicote, An. Soc. Española 8: 175. [Listed.]⁵ Rumania¹⁴
Algeria¹⁵
- 1882 *Hyalestes* [sic] *obsoletus* Ferrari, Cicad. Agri Ligustici :82 (10). [Key.]⁸ Tunisia¹⁶
Caucasus¹⁷
- 1884 *Hyalesthes obsoletus* Mayr, Tabellen :17. [Listed.]^{6,7} Turkestan¹⁸
- 1885 *Hyalestes* [sic] *obsoletus* Ferrari, Bull. Soc. Ent. Italiana 17: 270. [Listed.]⁵ Crimea⁹
Syria²⁰
- 1885 *Cixius obsoletus* Fairmaire, Hist. Nat. France Hémip. :143. [Described.]¹ Montenegro²¹
Palestine²²

- 1886 *Hyalesthes obsoletus* Then, Kat. österreichischen Cicad. Turkey²³
:11. [Listed.]^{2,7}
- 1886 *Hyalesthes obsoletus* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]^{1,5,8,9,10}
Equals *Hyalesthes albolimbatus* Kb.
- 1892 *Hyalestes* [sic] *obsoletus* Ferrari, Ann. Mus. Genova (2) 12: 568 (20).
[Listed.]⁸
- 1892 *Hyalesthes obsoletus* Spitzner, Hemip. Mährens :(26). [Listed.]¹¹
- 1893 *Hyalesthes obsoletus* Bezzi, Bull. Soc. Ent. Italiana 25: 107 (27). [Listed.]⁸
- 1896 *Hyalesthes obsoletus* Melichar, Cicad. Mittel-Europa :28; Pl. 2, Figs. 19–
22. [Described, illustrated, key.]^{2,7,8,11} Equals *Liorhinus albolimbatus* Kb.
- 1897 *Cixius obsoletus* Acloque, Faune France :401. [Key.]¹
- 1897 *Hyalesthes obsoletus* Horváth, Fauna Regni Hungariae :54. [Listed.]¹³
- 1899 *Hyalestes* [sic] *obsoletus* Marchal, Bull. Soc. Hist. Nat. Autun 11: 588.
[Listed.]¹
- 1899 *Hyalesthes obsoletus* Melichar, Wien. Ent. Zeit. 18: 178. [Listed.]¹⁶
- 1899 *Hyalesthes obsoletus* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]^{1,5,7,8,9,10}
Equals *Hyalesthes albolimbatus* Kb.
- 1900 *Hyalestes* [sic] *obsoletus* Fokker, Tijdschr. Ent. 42: 24. [Listed.]¹⁵
- 1901 *Hyalesthes obsoletus* Lambertie, Act. Soc. Linn. Bordeaux 56: (86).
[Listed.]¹
- 1902 *Hyalestes* [sic] *obsoletus* Cobelli, Cicadine Trentino :7. [Listed.]⁸
- 1903 *Hyalesthes obsoletus* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 58.
[Listed.]⁷
- 1903 *Hyalesthes obsoletus* Horváth, Ann. Mus. Nat. Hungarici 2: 27. [Listed.]¹²
- 1904 *Hyalesthes obsoletus* Hueber, Syst. Verz. deutschen Zikadinen :268.
[Listed.]¹⁰ Equals *Hyalesthes albolimbatus* Kb.
- 1906 *Hyalesthes obsoletus* Schuguirow, Zool. Anz. 30: 711. [Listed.]¹⁹
- 1907 *Hyalesthes obsoletus* Oshanin, Verz. Palaeark. Hemip. 2: 240. [Listed.]^{4,5,6,7,8,13,14,15,16,17,18,23}
Equals *Liorhinus albolimbatus* Kb.
- 1910 *Hyalesthes obsoletus* Lambertie, Misc. Ent. 18: 89. [Listed.]¹ Equals
Hyalesthes albolimbatus Kb.
- 1912 *Hyalesthes obsoletus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]^{3,15,16,17,18}
Equals *Hyalesthes albolimbatus* Kb.
- 1913 *Hyalestes* [sic] *obsoletus* Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]⁷
- 1914 *Hyalesthes obsoletus* Melichar, Mitt. Kaukasischen Mus. 8: 133 (7).
[Listed.]¹⁷
- 1918 *Hyalesthes obsoletus* Horváth, Ann. Mus. Nat. Hungarici 16: 330.
[Listed.]²¹
- 1925 *Hyalesthes obsoletus* Muir, Pan-Pacific Ent. 1: 102. Equals *Liorhinus*
albolimbatus Kb.
- 1926 *Hyalesthes obsoletus* Gadeau de Kerville, Voyage Zool. en Syrie 1: 108.
[Listed.]²⁰
- 1926 *Oliarius* [sic] *obsoletus* Rémy-Perrier, Homop. Faune France :92. [Key.]
- 1927 *Hyalesthes obsoletus* Haupt, Homop. Palestine 1: 9. [Listed.]²²
- 1927 *Cixius obsoletus* Perrier, Traité Zool. 3: 1318. [Listed.]
- 1928 *Hyalesthes obsoletus* [sic] Lallemand, Mem. Est. Mus. Zool. Univ. Coim-
bra 1928: 8. [Listed.]⁹

Hyalesthes—Solonaima

- 1929 *Hyalestes* [sic] *obsoletus* Kusnezov, Zool. Anz. **79**: 328. [Listed.]¹⁸
 1929 *Hyalesthes obsoletus* Lallemand, Mem. Est. Mus. Zool. Univ. Coimbra
1929: 6. [Listed.]⁹
 1930 *Hyalestes* [sic] *obsoletus* de Seabra, Arq. Secc. Biol. e Par. **1** (4): 349.
 [Notes.]⁹

productus Lethierry

- 1889 *Hyalesthes productus* Lethierry, Rev. Ent. **8**: 317. Algeria¹
 [n. sp.]¹ Morocco²
 1899 *Hyalesthes productus* Puton, Cat. Hémip. Faune Pal.
 :103. [Listed.]¹
 1907 *Hyalesthes productus* Oshanin, Verz. Palaeark. Hemip. **2**: 241. [Listed.]¹
 1910 *Hyalesthes grandis* Matsumura, Jour. Coll. Sci. Tokyo **27**: 1. [n. sp.]²
 1911 *Hyalesthes productus* Horváth, Ann. Mus. Nat. Hungarici **9**: 338.
 [Listed.] Equals *Hyalesthes grandis* Mats.
 1912 *Hyalesthes productus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]¹
 Equals *Hyalesthes grandis* Mats.

scotti Ferrari (var.). See *Hyalesthes luteipes* var. *scotti* Ferrari.

Genus **SOLONAIMA** Kirkaldy

Haplotype *Solonaima solonaima* [n. sp.] 1906 Kirkaldy, Bull. Hawaiian
 Sugar Pl. Assoc. **1**: 396.

Type *Solonaima* [sic] *solonaima* 1925 Muir, Pan-Pacific Ent. **1**: 104.

[*Talaloo* Distant]

[Orthotype *Talaloo pallescens* [n. sp.] 1907 Distant, Ann. Mag. Nat.
 Hist. (7) **19**: 294.]

[Type *Talaloo pallescens* 1925 Muir, Pan-Pacific Ent. **1**: 104.]

- Solonaima 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **1**: 396. [gen. n.,
 key.]
 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 106. [Key.]
Talaloo 1907 Distant, Ann. Mag. Nat. Hist. (7) **19**: 294. [gen. n.]
 1912 Waterhouse, Index Zool. **2**: 293. [Listed.]
 Solonaima 1912 Waterhouse, Index Zool. **2**: 277. [Listed.]
Solonaima [sic] 1925 Muir, Pan-Pacific Ent. **1**: 104. [Listed.] Equals *Talaloo*
Dist.
 Solonaima 1925 Muir, Pan-Pacific Ent. **1**: 107. [Key.]

pallescens Distant

- 1907 *Talaloo pallescens* Distant, Ann. Mag. Nat. Hist. (7) Queensland¹
19: 295. [n. sp.]¹
 1907 *Talaloo pallescens* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 121.
 [Listed.]¹
 1925 *Solonaima pallescens* Muir, Pan-Pacific Ent. **1**: 104. Equals *Talaloo*
pallescens Dist.

solonaima Kirkaldy

- 1906 *Solonaima solonaima* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 1: 397. [n. sp.]¹
 1907 *Solonaima solonaima* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 111; Pl. VIII, Figs. 13–15. [Listed, illustrated.]

Genus **MOYSELLA** Horváth

Haplotype *Moysella sinaitica* [n. sp.] 1913 Horváth, Ann. Mus. Nat. Hungarici 11: 398.

Type *Moysella sinaitica* 1925 Muir, Pan-Pacific Ent. 1: 102.

- Moysella* 1913 Horváth, Ann. Mus. Nat. Hungarici 11: 398. [gen. n.]
 1925 Muir, Pan-Pacific Ent. 1: 102. [Listed.] :107. [Key.]
 1932 Schulze, Kükenthal and Heider, Nomenclator Animal. 3 (16): 2149. [Listed.]

sinaitica Horváth

- 1913 *Moysella sinaitica* Horváth, Ann. Mus. Nat. Hungarici 11: 399; Fig. 1. [Illustrated, n. sp.]¹ Sinai¹
 (Asia Minor)
 1914 *Moysella sinaitica* Royer, Ann. Soc. Ent. France 83: 135. [Listed.]² Palestine²

Genus **SEMO** White

Haplotype *Semo clypeatus* [n. sp.] 1879 White, Ent. Monthly Mag. 15: 217.

Type *Semo clypeatus* 1924 Myers, Trans. New Zealand Inst. 55: 320.

Type *Semo clypeatus* 1925 Muir, Pan-Pacific Ent. 1: 104.

- Semo* 1879 White, Ent. Monthly Mag. 15: 217. [gen. n.]
 1882 Scudder, Nomenclator Zool. Suppl. List :305. [Listed.]
 1882 Scudder, Nomenclator Univ. Index :290. [Listed.]
 1898 Hutton, Trans. New Zealand Inst. 30: 185. [Key.]
 1904 Hutton, Index Faunae Novae Zealandiae :225. [Listed.]
 1924 Myers, Trans. New Zealand Inst. 55: 317. [Key.] :320. [Notes.]
 1925 Muir, Pan-Pacific Ent. 1: 104. [Listed.] :107. [Key.]

clypeatus White

- 1879 *Semo clypeatus* White, Ent. Monthly Mag. 15: 217. New Zealand¹
 [n. sp.]¹
 1898 *Semo clypeatus* Hutton, Trans. New Zealand Inst. 30: 187. [Described.]¹
 1904 *Semo clypeatus* Hutton, Index Faunae Novae Zealandiae :225. [Listed.]¹
 1909 *Semo clypeatus* Kirkaldy, Trans. New Zealand Inst. 41: 29.
 1924 *Semo clypeatus* Myers, Trans. New Zealand Inst. 55: 321; Pl. 22, Figs. 5, 6. [Described, illustrated.]¹

*Hemitropis*Genus **HEMITROPIS** Fieber

Haplotype *Hemitropis bipunctata* 1866 Fieber, Verh. Zool. Bot. Ges. Wien. 16: 499.

Type *Hemitropis bipunctata* 1925 Muir, Pan-Pacific Ent. 1: 101.

[*Haplacha* Lethierry]

Haplotype *Haplacha seticulosa* [n. sp.] 1874 Lethierry, Pet. Nouv. Ent. 1: 444.

Haplotype *Haplacha seticulosa* [n. sp.] 1876 Fieber, Cicad. d'Europe Pt. 2: 166 (156).

Type *Haplacha seticulosa* 1925 Muir, Pan-Pacific Ent. 1: 101.

Hemitropis 1866 Fieber, Verh. Zool. Bot. Ges. Wien 16: 499. [gen. n.] :514. [Listed.]

1867 Dallas, Zool. Rec. 3: 561. [Key.]

1872 Fieber, Kat. Europäischen Cicad. :3. [Listed.]

Haplacha 1872 Fieber, Kat. Europäischen Cicad. :3. [Listed.] [nom. nud.]

1874 Lethierry, Pet. Nouv. Ent. 1: 444. [gen. n.]

Hemitropis 1875 Puton, Cat. Hémip. d'Europe 2 Ed. :111. [Listed.]

Haplacha 1875 Puton, Cat. Hémip. d'Europe 2 Ed. :111. [Listed.]

Hemitropis 1875 Fieber, Cicad. d'Europe Pt. 1: 346 (59). [Described.]

Haplacha 1875 Fieber, Cicad. d'Europe Pt. 1: 347 (60); Pl. 11, Figs. 26–28. [gen. n., illustrated.]

1876 Fieber, Cicad. d'Europe Pt. 2: 166 (156). [Listed.]

Hemitropis 1876 Fieber, Cicad. d'Europe Pt. 2: 165 (155); Pl. 4. [Illustrated.]

Haplacha 1876 Lethierry and Puton, Ann. Soc. Ent. France (5) 6: 42. [Described.]

1882 Scudder, Nomenclator Zool. Univ. Index :140. [Listed.]

Hemitropis 1882 Scudder, Nomenclator Zool. Univ. Index :145. [Listed.]

1886 Puton, Cat. Hémip. Faune Pal. :68. [Listed.]

Haplacha 1886 Puton, Cat. Hémip. Faune Pal. :68. [Listed.]

Hemitropis 1889 Ashmead, Ent. Amer. 5: 3. [Key.]

Haplacha 1889 Ashmead, Ent. Amer. 5: 4. [Key.]

Hemitropis 1899 Puton, Cat. Hémip. Faune Pal. :102. [Listed.] Equals *Haplacha* Leth.

1907 Oshanin, Verz. Palaeark. Hemip. 2: 248. To *Duilius* Stål. [error.]

Haplacha 1907 Oshanin, Verz. Palaeark. Hemip. 2: 248. To *Duilius* Stål. [error.]

Hemitropis 1912 Oshanin, Kat. Palaeark. Hemip. :117. To *Duilius* Stål. [error.]

Haplacha 1912 Oshanin, Kat. Palaeark. Hemip. :117. To *Duilius* Stål. [error.]
1925 Muir, Pan-Pacific Ent. 1: 101. [Synonym of *Hemitropis* Fieb.]

Hemitropis 1925 Muir, Pan-Pacific Ent. 1: 101. [Listed.] Equals *Haplacha* Leth. :107. [Key.]

1930 Schulze, Kükenthal and Heider, Nomenclator Animal. 3 (12): 1515. [Listed.]

- Haplacha* 1930 Schulze, Kükenthal and Heider, Nomenclator Animal. 3 (12):
1464. [Listed.] [nom. nud.]
1930 Schulze, Kükenthal and Heider, Nomenclator Animal. 3 (12):
1464. [Listed.]

arcufera Puton

- 1884 *Hemipteris arcufera* Puton, Rev. Ent. 3: 86. [n. sp.]¹ Algeria¹
1886 *Hemipteris arcufera* Puton, Cat. Hémip. Faune Pal. :68.
[Listed.]¹
1899 *Hemipteris arcufera* Puton, Cat. Hémip. Faune Pal. :102. [Listed.]¹
1900 *Hemipteris arcufera* Fokker, Tijdschr. Ent. 42: 24. [Listed.]¹
1907 *Duilius arcuferus* Oshanin, Verz. Palaeark. Hemip. 2: 248. [Listed.]¹
Equals *Hemipteris arcufera* Put.
1912 *Duilius arcuferus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]¹

bipunctata Fieber

- 1866 *Hemipteris bipunctata* Fieber, Verh. Zool. Bot. Ges. Spain¹
Wien 16: 510; Pl. VII, Figs. 3a-e. [n. sp., illustrated.] Sicily²
:514. [Listed.] Algeria³
1872 *Hemipteris bipunctata* Fieber, Kat. Europäischen Cicad. Portugal¹
:3. [Listed.]¹ Morocco⁵
1875 *Hemipteris bipunctata* Puton, Cat. Hémip. d'Europe Tunis⁶
2 Ed. :111. [Listed.]^{1,2,3}
1876 *Hemipteris bipunctata* Fieber, Cicad. d'Europe Pt. 2: 165 (155). [De-
scribed.]¹
1880 *Hemipteris bipunctata* Chicote, An. Soc. Española 9: 199 (15). [Listed.]^{1,4}
1886 *Hemipteris bipunctata* Puton, Cat. Hémip. Faune Pal. :68. [Listed.]^{1,2,3}
1899 *Hemipteris bipunctata* Puton, Cat. Hémip. Faune Pal. :102. [Listed.]^{1,2,3,4}
1907 *Duilius bipunctatus* Oshanin, Verz. Palaeark. Hemip. 2: 248. [Listed.]^{1,2,3}
Equals *Hemipteris bipunctata* Fieb.
1912 *Duilius bipunctatus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]^{1,2,3}
1926 *Duilius bipunctatus* Codina, Butll. Inst. Catalana Hist. Nat. (2) 5: 269
(2). [Listed.]^{1,2,3,5,6} Equals *Hemipteris bipunctatus* Fieb.

fasciata Horváth

- 1894 *Hemipteris fasciata* Horváth, Rev. Ent. 13: 183. [n. sp.]¹ Russia¹
:176. [Listed.]^{1,2} Caucasus²
1899 *Hemipteris fasciata* Puton, Cat. Hémip. Faune Pal. Trans-
:102. [Listed.]² caucasia³
1907 *Duilius fasciatus* Oshanin, Verz. Palaeark. Hemip. 2: Turkestan⁴
248. [Listed.]^{3,4} Equals *Hemipteris fasciata* Horv.
1912 *Duilius fasciatus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]^{2,4}

irroratus Costa. See *Hemipteris seticulosa* Lethierry.

letourneuxi Puton and Lethierry

- 1887 *Haplacha letourneuxi* Puton and Lethierry, Rev. Ent. Tunis¹
6: 308. [n. sp.]¹ Algeria²

Hemitropis

- 1899 *Hemitropis letourneuxi* Puton, Cat. Hémip. Faune Pal. :102. [Listed.]²
 1907 *Duilius letourneuxi* Oshanin, Verz. Palaeark. Hemip. 2: 249. [Listed.]^{1 2}
 Equals *Haplacha letourneuxi* Leth. Equals *Hemitropis letourneuxi* Leth.
 1912 *Duilius letourneuxi* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]^{1 2}

modesta Horváth

- 1894 *Hemitropis modesta* Horváth, Rev. Ent. 13: 184. [n. sp.]¹ Russia¹
 :176. [Listed.]^{1 2} Caucasus²
 1899 *Hemitropis modesta* Puton, Cat. Hémip. Faune Pal. Trans-
 :102. [Listed.]² caucasia³
 1907 *Duilius modestus* Oshanin, Verz. Palaeark. Hemip. 2:
 249. [Listed.]³ Equals *Hemitropis modesta* Horv.
 1912 *Duilius modestus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]²

plagiata Lethierry

- 1888 *Haplacha plagiata* Lethierry, Ann. Mus. Genova (2) 6: Nias I.¹
 466. [n. sp.]¹ (East Indies)

punctata Lallemand (var.). See *Hemitropis seticulosus* var. *punctata* Lallemand.

seticulosa Lethierry

- 1872 *Haplacha seticulosa* Fieber, Kat. Europäischen Cicad. Algeria¹
 :3. [Listed.] [nom. nud.]¹ Sardinia²
 1874 *Haplacha seticulosa* Lethierry, Pet. Nouv. Ent. 1: 444. Spain³
 [n. sp.]¹ Tunis⁴
 1875 *Haplacha seticulosa* Puton, Cat. Hémip. d'Europe 2d. Italy⁵
 E. :111. [Listed.]¹
 1876 *Haplacha seticulosa* Fieber, Cicad. d'Europe Pt. 2: 166 (156). [n. sp.]¹
 1876 *Haplacha seticulosa* Lethierry and Puton, Ann. Soc. Ent. France (5) 6:
 43; Pl. 2, Fig. 1. [Described, illustrated.]¹ :19. [Listed.]
 *1882 *Haplacha irrorata* Costa, Atti. Acc. Sci. Napoli 9 (16): 423. [nom. nud.]
 1883 *Haplacha seticulosa* Puton, Rev. Ent. 2: 286. [Listed.]² :287. Equals
Haplacha irrorata Costa.
 1886 *Haplacha seticulosa* Puton, Cat. Hémip. Faune Pal. :68. [Listed.]^{1 2}
 Equals *Haplacha irrorata* Costa.
 1888 *Haplacha seticolusa* [sic] Costa, Atti Acc. Sci. Napoli (2) 1 (2): 70.
 [Listed.]⁵
 1888 *Haplacha seticulosa* Costa, Atti Acc. Sci. Napoli (2) 1 (9): 39. [Listed.]⁵
 1899 *Hemitropis seticulosa* Puton, Cat. Hémip. Faune Pal. :102. [Listed.]^{1 2}
 Equals *Hemitropis irrorata* Costa.
 1900 *Hemitropis seticulosa* Fokker, Tijdschr. Ent. 42: 24. [Listed.]¹
 1907 *Duilius seticulosus* Oshanin, Verz. Palaeark. Hemip. 2: 249. [Listed.]^{1 2}
 Equals *Haplacha seticulosa* Leth. Equals *Haplacha irrorata* Costa. Equals
Hemitropis seticulosa Put.
 1908 *Duilius seticulosus* Oshanin, Verz. Palaeark. Hemip. 3: 447. [Listed.]^{3 4}
 1912 *Duilius seticulosus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]^{1 2, 3, 4}
 Equals *Duilius irroratus* Costa.

1925 *Hemitropis seticulosa* Muir, Pan-Pacific Ent. 1: 101. Equals *Haplacha seticulosa* Leth.

1929 *Duilius seticulosus* Lallemand, Ann. Mus. Genova 53: 160 (1). Equals *Haplacha seticulosus* Leth.

seticulosus var. **punctata** Lallemand

1929 *Duilius seticulosus punctata* Lallemand, Ann. Mus. Italian
Genova 53: 160 (1). [n. var.]¹ Somaliland¹

tamaricis Puton and Lethierry

1887 *Haplacha tamaricis* Puton and Lethierry, Rev. Ent. 6: Russia¹
309. [n. sp.]¹ Turkestan²

1899 *Hemitropis tamaricis* Puton, Cat. Hémip. Faune Pal.
:102. [Listed.]¹

1907 *Duilius tamaricis* Oshanin, Verz. Palaeark. Hemip. 2: 249. [Listed.]^{1,2}
Equals *Hemitropis tamaricis* Put. Equals *Haplacha tamaricis* Leth.

1912 *Duilius tamaricis* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]^{1,2}

viridula Horváth

1895 *Haplacha viridula* Horváth, Rev. Ent. 14: 162. [n. sp.]¹ Sicily¹

1899 *Hemitropis viridula* Puton, Cat. Hémip. Faune Pal.
:102. [Listed.]¹

1907 *Duilius viridulus* Oshanin, Verz. Palaeark. Hemip. 2: 249. [Listed.]¹
Equals *Haplacha viridula* Horv. Equals *Hemitropis viridulus* Put.

1912 *Duilius viridulus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]¹

Genus **KUVERA** Distant

Orthotype *Kuvera semihyalina* [n. sp.] 1906 Distant, Fauna British
India 3: 261.

Type *Kuvera semihyalina* 1925 Muir, Pan-Pacific Ent. 1: 102

Kuvera 1906 Distant, Fauna British India 3: 261. [gen. n.] :255. [Key.]

1912 Waterhouse, Index Zool. 2: 147. [Listed.]

1914 Matsumura, Annot. Zool. Japonenses 8: 407. [Listed.]

1915 Schumacher, Homop.-Fauna Insel Formosa :114. [Listed.]

1925 Muir, Pan-Pacific Ent. 1: 102. [Listed.] :107. [Key.]

1930 Schulze, Kükenthal and Heider, Nomenclator Animal. 3 (13) :1738.
[Listed.]

brunettii Muir

1922 *Kuvera brunettii* Muir, Rec. Indian Mus. 24: 346. India¹
[n. sp.]¹

costalis Matsumura (var.). See *Kuvera flaviceps* var. *costalis* Matsumura.

curvata Matsumura (var.). See *Kuvera flaviceps* var. *curvata* Matsumura.

flaviceps Matsumura

1900 *Oliarus flaviceps* Matsumura, Ent. Nachr. 26: 208 (4). Japan¹
[n. sp.]¹

Kuvera

- 1907 *Oliarius* [sic] *flaviceps* Oshanin, Verz. Palaeark. Hemip. 2: 240. [Listed.]¹
 1912 *Oliarius flaviceps* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]¹
 1914 *Kuvera flaviceps* Matsumura, Annot. Zool. Japonenses 8: 407; Fig. 2. [Described, illustrated.]¹ Equals *Oliarius flaviceps* Mats.
 1931 *Kuvera flaviceps* Matsumura, 6000 Ill. Ins. Japan Empire :1268. [Described, illustrated.]¹
 1932 *Kuvera flaviceps* Esaki, Iconographia Insectorum Japonicorum :1774. [Described, illustrated.]¹
 1933 *Kuvera flaviceps* Kato, Illustrated Insects of Japan 4: Pl. 11, Fig. 9. [Illustrated.]¹

flaviceps var. **costalis** Matsumura

- 1914 *Kuvera flaviceps costalis* Matsumura, Annot. Zool. Japonenses 8: 409. [var. n.]¹

flaviceps var. **curvata** Matsumura

- 1914 *Kuvera flaviceps curvata* Matsumura, Annot. Zool. Japonenses 8: 408. [var. n.]¹

flaviceps var. **fumata** Matsumura

- 1914 *Kuvera flaviceps fumata* Matsumura, Annot. Zool. Japonenses 8: 409. [var. n.]¹

flaviceps var. **pallidula** Matsumura

- 1914 *Kuvera flaviceps pallidula* Matsumura, Annot. Zool. Japonenses 8: 409. [var. n.]¹

flaviceps var. **vittata** Matsumura

- 1914 *Kuvera flaviceps vittata* Matsumura, Annot. Zool. Japonenses 8: 408. [var. n.]¹

fumata Matsumura (var.). See *Kuvera flaviceps* var. *fumata* Matsumura.

ligustri Matsumura

- 1914 *Kuvera ligustri* Matsumura, Annot. Zool. Japonenses 8: 409. [n. sp.]¹

longipennis Matsumura

- 1914 *Kuvera longipennis* Matsumura, Annot. Zool. Japonenses 8: 411. [n. sp.]¹
 1915 *Kuvera longipennis* Schumacher, Homop.-Fauna Insel Formosa :114. [Listed.]¹

pallidula Matsumura (var.). See *Kuvera flaviceps* var. *pallidula* Matsumura.

semihyalina Distant

- 1906 *Kuvera semihyalina* Distant, Fauna British India 3: 261; Fig. 117. [Illustrated, n. sp.]¹

tappanella Matsumura

- 1914 *Kuvera tappanella* Matsumura, Annot. Zool. Japoneses 8: 410. [n. sp.]¹ Formosa¹
 1915 *Kuvera tappanella* Schumacher, Homop.-Fauna Insel Formosa :114. [Listed.]¹

toroensis Matsumura

- 1914 *Kuvera toroensis* Matsumura, Annot. Zool. Japonenses 8: 410. [n. sp.]¹ Formosa¹
 1915 *Kuvera toroensis* Schumacher, Homop.-Fauna Insel Formosa :114. [Listed.]¹

vittata Matsumura (var.). See *Kuvera flaviceps* var. *vittata* Matsumura.

Genus **BETACIXIUS** Matsumura

Orthotype *Betacixius ocellatus* [n. sp.] 1914 Matsumura, Annot. Zool. Japonenses 8: 412.

Type *Betacixius ocellatus* 1925 Muir, Pan-Pacific Ent. 1: 100.

- Betacixius* 1914 Matsumura, Annot. Zool. Japonenses 8: 412. [gen. n.]
 1915 Schumacher, Homop.-Fauna Insel Formosa :114. [Listed.]
 1925 Muir, Pan-Pacific Ent. 1: 100. [Listed.] :159. [Notes.]

brunneus Matsumura

- 1914 *Betacixius brunneus* Matsumura, Annot. Zool. Japonenses 8: 417. [n. sp.]¹ Formosa¹
 Japan²
 1915 *Betacixius brunneus* Schumacher, Homop.-Fauna Insel Formosa :114. [Listed.]¹
 1932 *Betacixius brunneus* Esaki, Iconographia Insectorum Japonicorum :1774. [Described, illustrated.]²

clypealis Matsumura

- 1914 *Betacixius clypealis* Matsumura, Annot. Zool. Japonenses 8: 415. [n. sp.]¹ Formosa¹
 1915 *Betacixius clypealis* Schumacher, Homop.-Fauna Insel Formosa :114. [Listed.]¹

clypealis var. **vittifrons** Matsumura

- 1914 *Betacixius clypealis vittifrons* Matsumura, Annot. Zool. Japonenses 8: 416. [n. var.]¹ Formosa¹
 1915 *Betacixius clypealis vittifrons* Schumacher, Homop.-Fauna Insel Formosa :114. [Listed.]¹

kumejimae Matsumura

- 1914 *Betacixius kumejimae* Matsumura, Annot. Zool. Japonenses 8: 415. [n. sp.]¹ Okinawa¹
 (Ryukyu Islands)

Betacixius—*Aka***obliquus** Matsumura

- 1914 *Betacixius obliquus* Matsumura, Annot. Zool. Japoneses 8: 414. [n. sp.]¹ Japan¹
 1932 *Betacixius obliquus* Esaki, Iconographia Insectorum Japonicorum :1775. [Described, illustrated.]¹

obliquus var. *pallens* Matsumura

- 1914 *Betacixius obliquus pallens* Matsumura, Annot. Zool. Japonenses 8: 415. [n. var.]¹ Japan¹

ocellatus Matsumura

- 1914 *Betacixius ocellatus* Matsumura, Annot. Zool. Japonenses 8: 412; Fig. 3. [Illustrated, n. sp.]¹ Formosa¹ Japan²
 1915 *Betacixius ocellatus* Schumacher, Homop.-Fauna Insel Formosa :114. [Listed.]¹
 1932 *Betacixius ocellatus* Esaki, Iconographia Insectorum Japonicorum :1775. [Described, illustrated.]²

pallens Matsumura [var.]. See *Betacixius obliquus* var. *pallens* Matsumura.**rinkihonis** Matsumura

- 1914 *Betacixius rinkihonis* Matsumura, Annot. Zool. Japonenses 8: 417. [n. sp.]¹ Formosa¹
 1915 *Betacixius rinkihonis* Schumacher, Homop.-Fauna Insel Formosa :114. [Listed.]¹

tonkinensis Matsumura

- 1914 *Betacixius tonkinensis* Matsumura, Annot. Zool. Japonenses :413. [n. sp.]¹ French Indo-China¹ ;

vittifrons Matsumura [var.]. See *Betacixius clypealis* var. *vittifrons* Matsumura.Genus **AKA** White

- Orthotype *Cixius finitimus* 1879 White, Ent. Monthly Mag. 15: 216.
 Type *Aka finitima* 1924 Myers, Trans. New Zealand Inst. 55: 326.
 Type *Cixius finitimus* 1925 Muir, Pan-Pacific Ent. 1: 99.

Aka 1879 White, Ent. Monthly Mag. 15: 216. [gen. n.]

1882 Scudder, Nomenclator Zool. Univ. Index :10. [Listed.]

1882 Scudder, Nomenclator Zool. Suppl. List :11. [Listed.]

1898 Hutton, Trans. New Zealand Inst. 30: 185. [Key.]

1904 Hutton, Index Faunae Novae Zealandiae :225. [Listed.]

1924 Myers, Trans. New Zealand Inst. 55: 326. [Notes.] :317. [Key.]

1925 Muir, Pan-Pacific Ent. 1: 99. [Listed.] :107. [Key.]

1926 Schulze, Kükenthal and Heider, Nomenclator Animal. 1 (1): 93. [Listed.]

finitimus Walker

- 1858 *Cixius finitimus* Walker, List. Homop. British Mus. New Zealand¹ Kermadec
 Suppl. :81. [n. sp.]¹

- 1874 *Cixius finitimus* Hutton, Trans. New Zealand Inst. 6: 170. [Listed.] Island²
- 1879 *Aka finitima* White, Ent. Monthly Mag. 15: 216. [Listed.]¹ Equals *Cixius finitimus* Walk.
- 1898 *Aka finitima* Hutton, Trans. New Zealand Inst. 30: 186. [Described.]¹ Equals *Cixius finitima* Walk.
- 1904 *Aka finitima* Hutton, Index Faunae Novae Zealandiae :225. [Listed.]¹
- 1909 *Aka finitima* Kirkaldy, Trans. New Zealand Inst. 41: 29. [Listed.]
- 1921 *Aka finitima* Myers, Trans. New Zealand Inst. 53: 257. [Notes.]²
- 1924 *Aka finitima* Myers, Trans. New Zealand Inst. 55: 326; Pl. 24, Figs. 4, 5. [Described, illustrated.]¹ Equals *Cixius finitimus* Walk.

hardyi Muir

- 1931 *Aka hardyi* Muir, Rec. Australia Mus. 18: 64. [n. sp.]¹ Tasmania¹

tasmani Muir

- 1931 *Aka tasmani* Muir, Rec. Australian Mus. 18: 63; Fig. 1. [n. sp., illustrated.]¹ Tasmania¹

Genus **SEVIA** Stål

Logotype *Diacira moerens* Stål.

[*Diacira* Stål]

[Logotype *Diacira moerens* 1925 Muir, Pan-Pacific Ent. 1: 100.]

- Diacira* 1862 Stål, Bidr. Rio Janeiro-trakt. Hemip. 2: 3. [gen. n.]
- Sevia* 1866 Stål, Hemip. Africana 4: 181. Nom. nov. for *Diacira* Stål [nom. praeoc.] [Key.]
- 1869 Stål, Hemipt. Fabriciana 2: 95. [Listed.]
- Diacira* 1882 Scudder, Nomenclator Zool. Univ. Index :95. [Listed.]
- 1925 Muir, Pan-Pacific Ent. 1: 100. [Listed.] :107. [Key.]
- 1928 Schulze, Kükenthal and Heider, Nomenclator Animal. 2 (9): 965. [Listed.]

intermaculata Stål

- 1862 *Diacira intermaculata* Stål, Bidr. Rio Janeiro-trakt. Hemip. 2: 3. [n. sp.]¹ Brazil¹

moerens Stål

- 1862 *Diacira moerens* Stål, Bidr. Rio Janeiro-trakt. Hemip. 2: 3. [n. sp.]¹ Brazil¹

bicarinata Fabricius

- 1803 *Flata bicarinata* Fabricius, Systema Rhyng. :52. [n. sp.]¹ South America¹
- 1835 *Cixia bicarinata* Burmeister, Handb. Ent. 2 (1): 158. Equals *Flata bicarinata* Fabr. Brazil²
- 1850 *Cixius bicarinatus* Schaum, Allg. Ency. Ersch und Gruber 51: 68. [Listed.]² Equals *Flata bicarinatus* Fabr.

Sevia—*Mundopa*

- 1851 *Cixius bicarinatus* Walker, List Homop. British Mus. 2: 342. [Listed.]²
 Equals *Flata bicarinata* Fabr.
 1859 *Cixius bicarinatus* Dohrn, Cat. Hemip. :60. [Listed.]²
 1869 *Sevia bicarinata* Stål, Hemip. Fabriciana 2: 95. [Described.]¹ :96. Equals
Flata bicarinata Fabr.
 1924 *Flata bicarinata* Sherborn, Index Animalium 4: 706. [Listed.]

substigmatica Lethierry

- 1881 *Diacira substigmatica* Lethierry, Ann. Soc. Ent. Belgique 25: 13. [n. sp.]¹ Guadeloupe¹
 (West Indies)
 1882 *Diacira substigmatica* Reuter, Zool. Jahrb. Syst. 2: 282.
 [Listed.]¹

Genus **MUNDOPA** Distant

Orthotype *Mundopa cingalensis* [n. sp.] 1906 Distant, Fauna British India 3: 263.

Type *Mundopa cingalensis* 1907 Distant, Ann. Mag. Nat. Hist. (7) 19: 277.

Type *Mundopa cingulensis* [sic] 1925 Muir, Pan-Pacific Ent. 1: 102.

- Mundopa 1906 Distant, Fauna British India 3: 263. [gen. n.] :255. [Key.]
 1907 Distant, Ann. Mag. Nat. Hist. (7) 19: 277. [Listed.]
 1912 Waterhouse, Index Zool. 2: 183. [Listed.]
 1913 Muir, Proc. Hawaiian Ent. Soc. 2: 261. [Notes.]
 1914 Matsumura, Annot. Zool. Japonenses 8: 430. [Listed.]
 1915 Schumacher, Homop.-Fauna Insel Formosa :115. [Listed.]
 1916 Distant, Fauna British India 6: 41. [Listed.]
 1925 Muir, Pan-Pacific Ent. 1: 102. [Listed.] :107. [Key.]
 1925 Handlirsch, Schroder's Handb. Ent. 3 (9): 1107. [Listed.]
 1932 Schulze, Kükenthal and Heider, Nomenclator Animal. 3 (16):
 2152. [Listed.]

albocacuminis Muir

- 1913 *Mundopa albocacuminis* Muir, Proc. Hawaiian Ent. Soc. 2: 262. [n. sp.]¹ Borneo¹

balteata Distant

- 1911 *Mundopa balteata* Distant, Ann. Mag. Nat. Hist. (8) 8: 743. [n. sp.]¹ Ceylon¹
 1916 *Mundopa balteata* Distant, Fauna British India 6: 42. [Described.]¹

caliginea Muir

- 1913 *Mundopa caliginea* Muir, Proc. Hawaiian Ent. Soc. 2: 262. [n. sp.]¹ Borneo¹

campbelli Distant

- 1916 *Mundopa campbelli* Distant, Fauna British India 6: 41; Fig. 27. [Illustrated, n. sp.]¹ South India¹

cingalensis Distant

1906 *Mundopa cingalensis* Distant, Fauna British India 3: 263; Fig. 119. [Illustrated, n. sp.]¹ Ceylon¹

dohertyi Distant

1906 *Mundopa dohertyi* Distant, Fauna British India 3: 265. [n. sp.]¹ Tenasserim¹

fasciata Distant

1906 *Mundopa fasciata* Distant, Fauna British India 3: 265. [n. sp.]¹ Tenasserim¹

fasciolata Muir

1913 *Mundopa fasciolata* Muir, Proc. Hawaiian Ent. Soc. 2: 261. [n. sp.]¹ Borneo¹

greeni Distant

1906 *Mundopa greeni* Distant, Fauna British India 3: 264. [n. sp.]¹ Ceylon¹

kotoshensis. Tyographical error for *Mundopa kotoshonis* Matsumura.

kotoshonis Matsumura

1914 *Mundopa kotoshonis* Matsumura, Annot. Zool. Japonenses 8: 430. [n. sp.]¹ Kotosho I.¹
(Formosa)

1915 *Mundopa kotoshensis* [sic] Schumacher, Homop.-Fauna Insel Formosa :115. [Listed.]² Formosa²

1931 *Mundopa kotoshensis* [sic] Kato, Bull. Biogeo. Soc. Japan 2: 8. [Listed.]¹

lunata Muir

1913 *Mundopa lunata* Muir, Proc. Hawaiian Ent. Soc. 2: 261. [n. sp.]¹ Borneo¹

myittae Distant

1906 *Mundopa myittae* Distant, Fauna British India 3: 264. [n. sp.]¹ Tenasserim¹

neocaliginea Muir

1913 *Mundopa neocaliginea* Muir, Proc. Hawaiian Ent. Soc. 2: 262. [n. sp.]^{1,2} Malay Peninsula¹
Borneo²

pallens Walker. See *Mundopa pallida* Metcalf.

pallida nom. nov. for *Cixius pallens* Walker [nec *Cixius pallens* Spinola]

1857 *Cixius pallens* Walker, Jour. Linn. Soc. Zool. 1: 149. [n. sp.]¹ [nom. praeoc.] Borneo¹

1859 *Cixius pallens* Dohrn, Cat. Hemip. :61. [Listed.]¹

Mundopa—*Bothriocerodes*

- 1907 *Mundopa pallens* Distant, Ann. Mag. Nat. Hist. (7) 19: 277. [Listed.]¹
 Equals *Cixius pallens* Walk.

pashokensis Muir

- 1922 *Mundopa pashokensis* Muir, Rec. Indian Mus. 24: 346. India¹
 [n. sp.]¹

regina Distant

- 1911 *Mundopa regina* Distant, Ann. Mag. Nat. Hist. (8) 8: Travancore¹
 743. [n. sp.]¹ (India)
 1916 *Mundopa regina* Distant, Fauna British India 6: 42.
 [Described.]¹

sexmaculata Melichar

- 1914 *Mundopa sexmaculata* Melichar, Notes Leyden Mus. Java¹
 36: 96; Pl. 3, Fig. 2. [Illustrated, n. sp.]¹

sita Distant

- 1916 *Mundopa sita* Distant, Fauna British India 6: 42; Fig. South
 28. [Illustrated, n. sp.]¹ India¹
 1925 *Mundopa sita* Singh-Pruthi, Trans. Ent. Soc. London
 1925: 223; Pl. XXIX, Fig. 248. [Illustrated, Genitalia.]

vagans Distant

- 1911 *Mundopa vagans* Distant, Ann. Mag. Nat. Hist. (8) 8: Ceylon¹
 743. [n. sp.]^{1,2} India²
 1916 *Mundopa vagans* Distant, Fauna British India 6: 41; Fig.
 26. [Described, illustrated.]^{1,2}
 1922 *Mundopa vagans* Muir, Rec. Indian Mus. 24: 346. [Notes.]²

Genus **BOTHRIOCERODES** Fowler

Orthotype *Bothriocerodes variegatus* [n. sp.] 1904 Fowler, Biologia
 Centrali-Americana 1: 84.

Type *Bothriocerodes variegatus* 1925 Muir, Pan-Pacific Ent. 1: 100.

Bothriocerodes 1904 Fowler, Biologia Centrali-Americana 1: 84. [gen. n.] :80.
 [Key.]

1912 Waterhouse, Index Zool. 2: 38. [Listed.]

1925 Muir, Pan-Pacific Ent. 1: 100. [Listed.] :107. [Key.]

1926 Schulze, Kükenthal and Heider, Nomenclator Animal. 1
 (3): 428. [Listed.]

castaneus Fowler

- 1904 *Bothriocerodes castaneus* Fowler, Biologia Centrali- Panama¹
 Americana 1: 85; Pl. IX, Figs. 21, 21a, 21b. [Illustrated,
 n. sp.]¹

metallicus Fowler. See *Muirolonia metallicus* Fowler.

variegatus Fowler

- 1904 *Bothriocerodes variegatus* Fowler, Biologia Centrali- Guatemala¹
Americana 1: 85; Pl. IX, Figs. 20, 20a. [Illustrated,
n. sp.]¹

Genus **MACROCIXIUS** Matsumura

Orthotype *Macrocixius giganteus* [n. sp.] 1914 Matsumura, Annot.
Zool. Japonenses 8: 394.

Type *Macrocixius giganteus* 1925 Muir, Pan-Pacific Ent. 1: 102.

- Macrocixius 1914 Matsumura, Annot. Zool. Japonenses 8: 393. [gen. n.]
1915 Schumacher, Homop.-Fauna Insel Formosa :112. [Listed.]
1915 Schumacher, Suppl. Ent. 4: 131. [Listed.]
1925 Muir, Pan-Pacific Ent. 1: 102. [Listed.] :160. [Notes.]

giganteus Matsumura

- 1914 *Macrocixius giganteus* Matsumura, Annot. Zool. Japo- Japan¹
nenses 8: 394; Fig. 1. [n. sp., illustrated.]¹ Formosa²
1915 *Macrocixius giganteus* [sic] Schumacher, Homop.-
Fauna Insel Formosa :112. [Listed.]^{1,2} Equals *Macrocixius giganteus*
Mats.
1915 *Macrocixius giganteus* Schumacher, Suppl. Ent. 4: 131. [Listed.]²

giganteus. Typographical error for *Macrocixius giganteus* Matsumura.

Genus **CAROLUS** Kirkaldy

Haplotype *Carolus crispus* [n. sp.] 1906 Kirkaldy, Bull. Hawaiian
Sugar Pl. Assoc. 1: 401.

Type *Carolus crispus* 1925 Muir, Pan-Pacific Ent. 1: 100.

- Carolus 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 1: 401. [gen. n.] :396.
[Key.]
1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 106. [Key.]
1912 Waterhouse, Index Zool. 2: 47. [Listed.]
1925 Muir, Pan-Pacific Ent. 1: 100. [Listed.] :107, 109. [Key.]
1927 Schulze, Kükenthal and Heider, Nomenclator Animal. 2 (6): 554.
[Listed.]

crispus Kirkaldy

- 1906 *Carolus crispus* Kirkaldy, Bull. Hawaiian Sugar Pl. New South
Assoc. 1: 401. [n. sp.]¹ Wales¹

Genus **TRIGONOCRANUS** Fieber

Haplotype *Trigonocranus emmcae* [n. sp.] 1876 Fieber, Cicad. d'Europe
Pt. 2: 168 (158).

Type *Trigonocranus emmcae* 1912 Oshanin, Kat. Palaeark. Hemip.
:117.

Type *Trigonocranus emmcae* 1925 Muir, Pan-Pacific Ent. 1: 104.

Trigonocranus—*Trirhacus*

Type *Trigonocranus emmeae* 1929 Haupt, Zool. Jahrb. Syst. Okol. 58: 195.

- Trigonocranus* 1872 Fieber, Kat. Europäischen Cicad. :3. [Listed.] [nom. nud.]
 1875 Fieber, Cicad. d'Europe Pt. 1: 349 (62). [gen. n.]
 1875 Puton, Cat. Hémip. d'Europe 2d. E. :112. [Listed.]
 1876 Fieber, Cicad. d'Europe Pt. 2: 168 (158); Pl. 4. [Illustrated, listed.]
 1882 Scudder, Nomenclator Zool. Univ. Index :326. [Listed.]
 1884 Mayr, Tabellen :16. [Key.]
 1886 Puton, Cat. Hémip. Faune Pal. :68. [Listed.]
 1889 Ashmead, Ent. Amer. 5: 4. [Key.]
 1899 Puton, Cat. Hémip. Faune Pal. :102. [Listed.]
 1904 Hueber, Syst. Verz. deutschen Zikadinen :267. [Listed.]
 1907 Oshanin, Verz. Palaeark. Hemip. 2: 247. [Listed.]
 1912 Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]
 1925 Muir, Pan-Pacific Ent. 1: 104. [Listed.] :108. [Key.]
 1929 Haupt, Zool. Jahrb. Syst. Okol. 58: 195. [Key.]

emmeae Fieber

- 1872 *Trigonocranus emmeae* Fieber, Kat. Europäischen Cicad. :3. [Listed.] [nom. nud.] Switzerland¹
 France²
 1875 *Trigonocranus emmeae* Puton, Cat. Hémip. d'Europe 2d. E. :112. [Listed.] [nom. nud.] Germany³
 1876 *Trigonocranus emmeae* Fieber, Cicad. d'Europe Pt. 2: 168 (158). [n. sp.]¹
 1884 *Trigonocranus emmeae* Mayr, Tabellen :16. [Listed.]¹
 1886 *Trigonocranus emmeae* Puton, Cat. Hémip. Faune Pal. :68. [Listed.]^{1,2}
 1899 *Trigonocranus emmeae* Puton, Cat. Hémip. Faune Pal. :102. [Listed.]^{1,2}
 1904 *Trigonocranus emmeae* Hueber, Syst. Verz. deutschen Zikadinen :267. [Listed.]³
 1907 *Trigonocranus emmeae* Oshanin, Verz. Palaeark. Hemip. 2: 247. [Listed.]
 1,2
 1912 *Trigonocranus emmeae* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]^{1,2}

Genus **TRIRHACUS** Fieber

Haplotype *Trirhacus setulosus* [n. sp.] 1876 Fieber, Cicad. d'Europe Pt. 2: 175 (165).

Type *Trirhacus setulosus* 1912 Oshanin, Kat. Palaeark. Hemip. :117.

Type *Trirhacus setulosus* 1925 Muir, Pan-Pacific Ent. 1: 104.

- Trirhacus* 1872 Fieber, Kat. Europäischen Cicad. :3. [Listed.] [nom. nud.]
 1875 Fieber, Cicad. d'Europe Pt. 1: 354 (67); Pl. X, Figs. 17–19. [gen. n., illustrated.]
 1875 Puton, Cat. Hémip. d'Europe 2 Ed. :112. [Listed.]
 1876 Fieber, Cicad. d'Europe Pt. 2: 175 (165); Pl. 5. [Listed, illustrated.]
Thirhacus [sic] 1876 Fieber, Cicad. d'Europe Pt. 2: Pl. 5. [Illustrated.]
Trirrhacus [sic] 1882 Scudder, Nomenclator Zool. Univ. Index :327. [Listed.]

- Trirhacus* 1886 Puton, Cat. Hémip. Faune Pal. :69. [Listed.]
 1889 Ashmead, Ent. Amer. 5: 25. [Key.]
 1899 Puton, Cat. Hémip. Faune Pal. :102. [Listed.]
 1907 Oshanin, Verz. Palaeark. Hemip. 2: 247. [Listed.]
 1912 Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]
 1914 Matsumura, Annot. Zool. Japonenses 8: 407. [Listed.]
 1925 Muir, Pan-Pacific Ent. 1: 104. [Listed.] :108. [Key.]

formosissimus Costa

- 1883 *Trirachus* [sic] *formosissimus* Costa, Bull. Soc. Ent. Sardinia¹
 Italiana 15: 339. [n. sp.]¹ Italy²
 1886 *Trirhacus formosissimus* Puton, Cat. Hémip. Faune Pal.
 :69. [Listed.]¹
 1888 *Trirhacus formosissimus* Costa, Atti Acc. Sci. Napoli (2) 1 (2): 70.
 [Listed.]²
 *1888 *Trirhacus formosissimus* Costa, Atti Acc. Sci. Napoli (2) 1 (2): 102.
 [Described.]
 1899 *Trirhacus formosissimus* Puton, Cat. Hémip. Faune Pal. :102. [Listed.]¹
 1907 *Trirhacus formosissimus* Oshanin, Verz. Palaeark. Hemip. 2: 247.
 [Listed.]¹
 1912 *Trirhacus formosissimus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]¹

iguchii Matsumura

- 1914 *Trirhacus iguchii* Matsumura, Annot. Zool. Japonenses Japan¹
 8: 407. [n. sp.]¹

setulosus Fieber

- 1872 *Trirhacus setulosus* Fieber, Kat. Europäischen Cicad. Greece¹
 :3. [Listed.]¹ [nom. nud.] Spain²
 1875 *Trirhacus setulosus* Puton, Cat. Hemip. d'Europe 2 Ed. Bosnia³
 :112. [Listed.]¹ [nom. nud.] South
 1876 *Trirhacus setulosus* Fieber, Cicad. d'Europe Pt. 2: 175 Austria⁴
 (165). [n. sp.]¹
 1886 *Trirhacus setulosus* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]¹
 1899 *Trirhacus setulosus* Puton, Cat. Hémip. Faune Pal. :102. [Listed.]¹
 1907 *Trirhacus setulosus* Oshanin, Verz. Palaeark. Hemip. 2: 247. [Listed.]¹
 1907 *Trirhacus setulosus* Melichar, Sitzber. Akad. Wiss. 116: 1038. [Listed.]²
 1908 *Trirhacus setulosus* Reuter, Acta Soc. Sci. Fennicae 36 (1): 72. [Listed.]³
 1910 *Trirhacus setulosus* Oshanin, Ann. Mus. Zool. St. Petersburg 15: 182.
 [Listed.]³
 1912 *Trirhacus setulosus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]^{1,4}

trichophorus Melichar

- 1914 *Trirhacus trichophorus* Melichar, Wien Ent. Zeit. 33: Macedonia¹
 259. [n. sp.]¹

Genus **MUIROLONIA** Metcalf*Muirolonia* nom. nov. for *Olonia* Muir 1925 [nec *Olonia* Stål 1862].Orthotype *Bothriocerodes metallicus* Fowler[*Olonia* Muir nec Stål][Orthotype *Bothriocerodes metallicus* 1925 Muir, Pan-Pacific Ent. 1: 161.]*Olonia* 1925 Muir, Pan-Pacific Ent. 1: 161. [gen. n.] :103. [Listed.] :108. [Key.]**metallicus** Fowler1904 *Bothriocerodes metallicus* Fowler, Biologia Centrali-Americana 1: 85; Pl. IX, Figs. 22, 22a. [n. sp., illustrated.]¹1925 *Olonia metallicus* Muir, Pan-Pacific Ent. 1: 161. Equals *Bothriocerodes metallicus* Fowl.Genus **PSEUDOLIARUS** HauptOrthotype *Pseudoliarus fuscofasciatus* 1927 Haupt, Homop. Palestine 1: 7.Type *Pseudoliarus fuscofasciatus* 1929 Haupt, Zool. Jahrb. Syst. Okol. 58: 195.*Pseudoliarus* 1927 Haupt, Homop. Palestine 1: 7. [gen. n.]

1929 Haupt, Zool. Jahrb. Syst. Okol. 58: 195. [Key.]

fuscofasciatus Melichar1902 *Oliarius* [sic] *fuscofasciatus* Melichar, Ann. Mus. St. Petersburg 7: 88 (13). [n. sp.]¹ Palestine²1907 *Oliarius* [sic] *fuscofasciatus* Oshanin, Verz. Palaeark. Hemip. 2: 238. [Listed.]¹1912 *Oliarius fuscofasciatus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]¹1927 *Pseudoliarus fuscofasciatus* Haupt, Homop. Palestine 1: 7. [Described.]² Equals *Oliarius fuscofasciatus* Mel.Genus **MONORACHIS** UhlerHaplotype *Monorachis sordulentus* [n. sp.] 1901 Uhler, Proc. Ent. Soc. Washington 4: 509.Haplotype *Monorachis sordulentus* 1916 Van Duzee, Check List Hemip. America :79.Haplotype *Monorachis sordulentus* 1917 Van Duzee, Cat. Hemip. America :733.Type *Monorachis sordulentus* 1925 Muir, Pan-Pacific Ent. 1: 102.Haplotype *Monorachis sordulentus* 1928 Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 66.

- Monorachis* 1901 Uhler, Proc. Ent. Soc. Washington **4**: 509. [gen. n.]
 1903 Henshaw, Psyche **10**: 228. [Listed.]
 1904 Swezey, Prelim. Cat. Fulgoridae North America :21. [Listed.]
 1908 Van Duzee, Proc. Acad. Nat. Sci. Philadelphia **1907**: 484.
 [Listed.]
 1912 Waterhouse, Index Zool. **2**: 182. [Listed.]
 1916 Van Duzee, Check List Hemip. America :79. [Listed.]
 1917 Van Duzee, Cat. Hemip. America :733. [Listed.]
 1925 Muir, Pan-Pacific Ent. **1**: 102. [Listed.] :160. [Notes.]
 1928 Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 55. [Key.]
 :65. [Described.]
 1932 Schulze, Kükenthal and Heider, Nomenclator Animal. **3** (16):
 2139. [Listed.]

aspersa Fowler. See *Pintalia aspersa* Fowler.

sordulentus Uhler

- 1901 *Monorachis sordulentus* Uhler, Proc. Ent. Soc. Wash- Florida¹
 ington **4**: 510. [n. sp.]¹ Mexico²
 1903 *Monorachis sordulentus* Henshaw, Psyche **10**: 228. Southern
 [Listed.]¹ States³
 1904 *Monorachis sordulentus* Swezey, Prelim. Cat. Fulgoridae Mississippi⁴
 North America :21. [Listed.]¹
 1908 *Monorachis sordulentus* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia
1907: 484. [Notes.]²
 1914 *Monarchis* [sic] *sordulenta* Barber, Bull. American Mus. Nat. Hist. **33**:
 527. [Listed.]¹
 1916 *Monorachis sordulentus* Van Duzee, Check List Hemip. America :79.
 [Listed.]⁴ Equals *Monorachis aspersa* Fowl. [error.]
 1917 *Monorachis sordulentus* Van Duzee, Cat. Hemip. America :734. [Listed.]^{1,2}
 Equals *Metabrixia?* *aspersa* Fowl. [error.]
 1921 *Monorachis* [sic] *sordulentus* Osborn, Florida Ent. **5**: 15. [Listed.]¹
 1923 *Monorachis sordulentus* Metcalf, Jour. Elisha Mitchell Soc. **31**: 161;
 Figs. 278, 279. [Key, illustrated.]
 1928 *Monorachis sordulentus* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta.
14: 66; Fig. 17. [Described, illustrated.]⁴

Genus VOLCANALIA Distant

Orthotype *Volcanalia typica* 1917 Distant, Trans. Linn. Soc. Zool.
17: 279.

Type *Volcanalia typica* 1925 Muir, Pan-Pacific Ent. **1**: 104.

Volcanalia 1917 Distant, Trans. Linn. Soc. Zool. **17**: 279. [gen. n.]
 1925 Muir, Pan-Pacific Ent. **1**: 104. [Listed.] :108. [Key.]

atrostriata Distant

- 1917 *Volcanalia atrostriata* Distant, Trans. Linn. Soc. Zool. Mahe¹
17: 280; Pl. 50, Figs. 21, 21a. [Illustrated, n. sp.]^{1,2} Seychelles²
 (Indian Ocean)

*Volcanalia***atrovaria** Distant

- 1917 *Volcanalia atrovarya* Distant, Trans. Linn. Soc. Zool. **17**: 280; Pl. 50, Figs. 18, 18a. [Illustrated, n. sp.]^{1,2} Seychelles¹
Silhouette²
- 1925 *Volcanalia atrovarya* Singh-Pruthi, Trans. Ent. Soc. London **1925**: 225; Pl. XXX, Fig. 253. [Genitalia, illustrated.] (Indian Ocean)

capitata Distant

- 1917 *Volcanalia capitata* Distant, Trans. Linn. Soc. Zool. **17**: 283; Pl. 51, Figs. 2, 2a. [n. sp., illustrated.]^{1,2} Seychelles¹
Silhouette²

cardui Distant

- 1917 *Volcanalia cardui* Distant, Trans. Linn. Soc. Zool. **17**: 281; Pl. 50, Figs. 20, 20a. [Illustrated, n. sp.]^{1,2} Seychelles¹
Mahe²

designata Distant

- 1917 *Volcanalia designata* Distant, Trans. Linn. Soc. Zool. **17**: 281, Fig. 1. [Illustrated, n. sp.]^{1,2} Seychelles¹
Silhouette²

fumosa Distant

- 1917 *Volcanalia fumosa* Distant, Trans. Linn. Soc. Zool. **17**: 282; Pl. 50, Figs. 17, 17a. [Illustrated, n. sp.]^{1,2,3} Seychelles¹
Silhouette²
- 1925 *Volcanalia fumosa* Singh-Pruthi, Trans. Ent. Soc. London **1925**: 224; Pl. XXX, Fig. 251. [Genitalia, illustrated.] Mahe³

modesta Distant

- 1917 *Volcanalia modesta* Distant, Trans. Linn. Soc. Zool. **17**: 283; Pl. 50, Figs. 15, 15a. [n. sp., illustrated.]^{1,2,3} Seychelles¹
Silhouette²
Mahe³

picturata Distant

- 1917 *Volcanalia picturata* Distant, Trans. Linn. Soc. Zool. **17**: 281; Pl. 50, Figs. 19, 19a. [Illustrated, n. sp.]^{1,2} Seychelles¹
Silhouette²
- 1925 *Volcanalia picturata* Singh-Pruthi, Trans. Ent. Soc. London **1925**: 224; Pl. XXIX, Fig. 250. [Genitalia, illustrated.]

sulphurata Singh-Pruthi

- 1925 *Volcanalia sulphurata* Singh-Pruthi, Trans. Ent. Soc. London **1925**: 224; Pl. XXX, Fig. 252. [Genitalia, illustrated.]

typica Distant

- 1917 *Volcanalia typica* Distant, Trans. Linn. Soc. Zool. **17**: 279; Pl. 49, Figs. 13, 13a. [Illustrated, n. sp.]^{1,2} Seychelles¹
Mahe²

uniformis Distant

- 1917 *Volcanalia uniformis* Distant, Trans. Linn. Soc. Zool. **17**: 283. [n. sp.]^{1,2,3} Seychelles¹
Silhouette²
Mahe³

varicolor Distant

- 1917 *Volcanalia varicolor* Distant, Trans. Linn. Soc. Zool. **17**: 282; Pl. 50, Figs. 16, 16a. [Illustrated, n. sp.]^{1,2} Seychelles¹
Silhouette²

Genus **COLVANALIA** Muir

Orthotype *Brixia concinnula* 1925 Muir, Pan-Pacific Ent. **1**: 162.

- Colvanalia 1925 Muir, Pan-Pacific Ent. **1**: 162. [gen. n.]
1925 Muir, Pan-Pacific Ent. **1**: 100. [Listed.] :108. [Key.]

concinnula Walker

- 1870 *Brixia concinnula* Walker, Jour. Linn. Soc. Zool. **10**: 110. [n. sp.]¹ Sula¹
(Molucca I.)
1907 *Brixia concinnula* Distant, Ann. Mag. Nat. Hist. (7) **19**: 285. [Mutilated.]¹
1925 *Colvanalia concinnula* Muir, Pan-Pacific Ent. **1**: 162, [Listed.]¹ Equals
Brixia concinnula Walk.

Genus **CALAMISTER** Kirkaldy

Haplotype *Calamister obscurus* [n. sp.] 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **1**: 402.

Type *Calamister obscurus* 1925 Muir, Pan-Pacific Ent. **1**: 100.

- Calamister 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **1**: 402. [n. gen.] :396. [Key.]
1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 107. [Key.]
1912 Waterhouse, Index Zool. **2**: 43. [Listed.]
1925 Muir, Pan-Pacific Ent. **1**: 100. [Listed.] :108. [Key.]
1927 Schulze, Kükenthal and Heider, Nomenclator Animal. **2** (6): 487. [Listed.]

obscurus Kirkaldy

- 1906 *Calamister obscurus* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **1**: 403. [n. sp.]¹ Queensland¹
Australia²
1928 *Calamister obscurus* Jacobi, Mjoberg's Exp. Australia :36; Fig. 22. [Described, illustrated.]²

Genus **CAJETA** Stål

Haplotype *Cajeta singularis* [n. sp.] 1866 Stål, Berliner Ent. Zeit. **10**: 391.

Type *Cajeta singularis* 1925 Muir, Pan-Pacific Ent. **1**: 100.

[*Bathymeria* Muir]

[Orthotype *Bathymeria helmsi* [n. sp.] 1922 Muir, Proc. Linn. Soc. New South Wales **47**: 63.]

[Type *Bathymeria helmsi* 1925 Muir, Pan-Pacific Ent. **1**: 99.]

Cajeta—Myndus

- Cajeta* 1866 Stål, Hemip. Africana 4: 150. [gen. n., key.]
 1866 Stål, Berliner Ent. Zeit. 10: 391. [Listed.]
 1882 Scudder, Nomenclator Zool. Univ. Index :47. [Listed.]
 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 1: 391. [Key, listed.]
Bathymeria 1922 Muir, Proc. Linn. Soc. New South Wales 47: 63. [gen. n.]
Cajeta 1925 Muir, Pan-Pacific Ent. 1: 100. [Listed.] Equals *Bathymeria*
 Muir. :108. [Key.]
Bathymeria 1925 Muir, Pan-Pacific Ent. 1: 99. [Synonym of *Cajeta* Stål.]
 1926 Schulze, Kükenthal and Heider, Nomenclator Animal. 1 (3):
 380. [Listed.]
Cajeta 1927 Schulze, Kükenthal and Heider, Nomenclator Animal. 2 (6):
 486. [Listed.]

helmsi Muir. See *Cajeta singularis* Stål.

singularis Stål

- 1866 *Cajeta singularis* Stål, Berliner Ent. Zeit. 10: 391. North
 [n. sp.]¹ Australia¹
 1906 *Cajeta singularis* Kirkaldy, Bull. Hawaiian Sugar Pl. New South
 Assoc. 1: 391. [Listed.]¹ Wales²
 1922 *Bathymeria helmsi* Muir, Proc. Linn. Soc. New South
 Wales 47: 63. [n. sp.]²
 1925 *Cajeta singularis* Muir, Pan-Pacific Ent. 1: 100. Equals *Bathymeria*
helmsi Muir.

Genus MYNDUS Stål

- Logotype *Myndus musivus* 1912 Oshanin, Kat. Palaeark. Hemip. :117.
 Logotype *Myndus musivus* 1916 Van Duzee, Check List Hemip.
 America :80.
 Logotype *Myndus musivus* 1917 Van Duzee, Cat. Hemip. America
 :737.
 Type *Myndus musivus* 1923 Muir, Philippine Jour. Sci. 22: 161.
 Pseudotype *Myndus pictifrons* 1925 Muir, Pan-Pacific Ent. 1: 102.
 Logotype *Myndus musivus* 1928 Dozier, Tech. Bull. Mississippi Agr.
 Exp. Sta. 14: 75.
 Type *Myndus musivus* 1929 Haupt, Zool. Jahrb. Syst. Okol. 58: 195.

[*Entithena* Fieber]

[Haplotype *Cixius musiva* 1866 Fieber, Verh. Zool. Bot. Ges. Wien
 16: 499.]

[Type *Flata musiva* 1925 Muir, Pan-Pacific Ent. 1: 101.]

- Myndus* 1862 Stål, Berliner Ent. Zeit. 6: 307. [gen. n.]
 1866 Stål, Hemip. Africana 4: 165. [Key.]
Entithena 1866 Fieber, Verh. Zool. Bot. Ges. Wien 16: 499. [gen. n.] :514.
 [Listed.]
 1867 Dallas, Zool. Rec. 3: 561. [Key.]
 1868 Kirschbaum, Cicad. Wiesbaden :45. [Listed.] :11. [Key.]

- Myndus 1872 Fieber, Kat. Europäischen Cicad. :3. [Listed.] Equals *Cixius* Aut. [in part.] Equals *Entithena* Fieb.
- 1872 Fieber, Verh. Zool. Bot. Ges. Wien **22**: 29. Equals *Entithena* Fieb.
- 1875 Puton, Cat. Hémp. d'Europe 2d. Ed. :112. [Listed.] Equals *Entithena* Fieb.
- 1875 Fieber, Cicad. d'Europe Pt. 1: 348 (61). [Described.]
- 1876 Fieber, Cicad. d'Europe Pt. 2: 167 (157); Pl. 4. [Illustrated.] Equals *Flata* Germ. [in part.] Equals *Entithena* Fieb. Equals *Cixius* Marsh.
- 1880 Reiber and Puton, Bull. Soc. Hist. Nat. Colmar **21**: 53. [Listed.]
- Entithena* 1882 Scudder, Nomenclator Zool. Univ. Index :112. [Listed.]
- Myndus 1882 Ferrari, Cicad. Agri Ligustici :79 (7). [Listed, key.]
- 1882 Scudder, Nomenclator Zool. Univ. Index :204. [Listed.]
- 1884 Mayr, Tabellen :16. [Key.] Equals *Entithena* Fieb.
- 1884 Uhler, Standard Nat. Hist. **2**: 240. [Notes.]
- 1885 Ivanoff, Liste des Cigales :88. [Listed.] :97. [Key.]
- 1886 Puton, Cat. Hémp. Faune Pal. :68. [Listed.] Equals *Entithena* Fieb.
- 1886 Then, Kat. österreichischen Cicad. :10. [Listed.]
- 1889 Ashmead, Ent. America **5**: 4. [Key.]
- 1892 Spitzner, Hemip. Mährens :(26). [Listed.]
- 1892 Coubeaux, Ann. Soc. Ent. Belgique **36**: 34 (1). [Listed.]
- 1892 Duda, Cat. Ins. Faunae Bohemicae :27. [Listed.] Equals *Entithena* Fieb.
- 1894 Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 190. [Listed.]
- 1896 Melichar, Cicad. Mittel-Europa :20. [Described.] Equals *Entithena* Fieb. :18. [Key.]
- 1897 Horváth, Fauna Regni Hungariae :54. [Listed.]
- 1899 Puton, Cat. Hémp. Faune Pal. :102. [Listed.] Equals *Entithena* Fieb.
- 1900 Smith, Ins. New Jersey **2**: 89. [Listed.]
- 1901 Lambertie, Act. Soc. Linn. Bordeaux **56**: (85). [Listed.] Equals *Entithena* Fieb.
- 1902 Dominique, Bull. Soc. Sci. Nat. Ouest France (2) **2**: 221. [Listed.]
- 1903 Henshaw, Psyche **10**: 228. [Listed.]
- 1903 Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste **21**: 58. [Listed.]
- 1904 Swezey, Prelim. Cat. Fulgoridae North America :27. [Listed.]
- 1904 Wirtner, Ann. Carnegie Mus. **3**: 215. [Listed.]
- 1904 Hueber, Syst. Verz. deutschen Zikadinen :267. [Listed.] Equals *Entithena* Fieb.
- 1907 Oshanin, Verz. Palaeark. Hemip. **2**: 248. [Listed.] Equals *Entithena* Fieb.
- 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 111. [Notes.] :106. [Key.]
- 1908 Van Duzee, Proc. Acad. Nat. Sci. Philadelphia **1907**: 491. [Listed.] :484. [Key.]
- 1908 Horváth, Ann. Mus. Nat. Hungarici **6**: 10. [Listed.]

Myndus

- 1910 Lambertie, Misc. Ent. **18**: 88. [Listed.] Equals *Entithena* Fieb.
 1910 Smith, Rept. Ins. New Jersey :96. [Listed.]
 1912 Oshanin, Kat. Palaeark. Hemip. :117. [Listed.] Equals *Entithena* Fieb.
 1913 Melichar, Fauna Walouyki Russie **7**: 5. [Listed.]
 1913 Metcalf, Ann. Ent. Soc. America **6**: 349; Pl. XXXVI, Figs. 47, 48; Pl. XXXVII, Figs. 55, 56. [Venation, illustrated, Tracheation.]
 1916 Van Duzee, Check List Hemip. America :80. [Listed.] Equals *Entithena* Fieb.
 1917 Heidemann and Osborn, Ann. Carnegie Mus. **11**: 348. [Listed.]
 1917 Van Duzee, Cat. Hemip. America :737. [Listed.] Equals *Entithena* Fieb.
 1920 Britton, Check-List Ins. Connecticut :46. [Listed.]
 1920 Spooner, Ent. News **31**: 46. [Ecology.]
 1922 Crampton, Canadian Ent. **54**: 234; Fig. 47. [Wing Venation, illustrated.]
 1923 Muir, Philippine Jour. Sci. **22**: 161. [Notes.]
 1923 Metcalf, Jour. Elisha Mitchell Soc. **38**: 162. [Key.]
 1923 Van Duzee, Fulgoridae, Hemip. Connecticut :34. [Described, key to species.] :32. [Key.]
- Entithena* 1925 Muir, Pan-Pacific Ent. **1**: 101. Synonym of *Myndus* Stål.
 Myndus 1925 Muir, Pan-Pacific Ent. **1**: 102. [Listed.] Equals *Entithena* Fieb. :108, 109. [Key.]
 1926 Muir, Jour. Malayan Branch Roy. Asiatic Soc. **4**: 396. [Listed.]
 1927 Muir, Fulgoroidea of Samoa :5. [Listed.]
 1928 Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 75. [Described, key to species.] :55. [Key.]
 1928 Metcalf, Mem. Cornell Uni. Agr. Exp. Sta. **101**: 177. [Listed.]
 1929 Haupt, Zool. Jahrb. Syst. Okol. **58**: 195. [Key.]
- Entithena* 1929 Schulze, Kükenthal and Heider, Nomenclator Animal. **2** (10): 1150. [Listed.]
- Myndus 1932 Brues and Melander, Class. Ins. :120. [Listed.]
 1932 Schulze, Kükenthal and Heider, Nomenclator Animal. **3** (16): 2167. [Listed.]

apicalis Uhler. See *Oliarus apicalis* Uhler.

beduinus Melichar

- 1899 *Myndus beduinus* Melichar, Wien. Ent. Zeit. **18**: 177. Tunis¹
 [n. sp.]¹
 1889 *Myndus beduinus* Puton, Cat. Hémip. Faune Pal. :102. [Listed.]¹
 1907 *Myndus beduinus* Oshanin, Verz. Palaeark. Hemip. **2**: 248. [Listed.]¹
 1908 *Myndus beduinus* Oshanin, Verz. Palaeark. Hemip. **3**: 447. [Listed.]
 1912 *Myndus beduinus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]¹

brunneus Muir

- 1923 *Myndus brunneus* Muir, Philippine Jour. Sci. 22: 166; Amboina¹
Pl. 1, Fig. 9. [n. sp., illustrated.]¹ (East
Indies)

caliginus Muir

- 1923 *Myndus caliginus* Muir, Philippine Jour. Sci. 22: 167; West
Pl. 1, Fig. 11. [Illustrated, n. sp.]¹ Borneo¹

contaminatus Valdes

- 1910 *Mynchus* [sic] *contaminatus* Valdes, An. Acad. Cien. Cuba¹
Habana 46: 443. [Listed.]¹ [nom. nud.]
1914 *Myndus contaminatus* Valdes, Zool. Mus. Cubano "Gundlach" Cat. Gen.
:103. [Listed.]¹ [nom. nud.]

crudus Van Duzee

- 1907 *Myndus crudus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. Jamaica¹
5: 33. [n. sp.]¹ Isle of Pines²
1917 *Myndus crudus* Heidemann and Osborn, Ann. Carnegie (West Indies)
Mus. 11: 348. [Listed.]² Cuba³
1922 *Myndus crudus* Bruner, Rev. Agr. Com. Trav. 5: 15.
[Economics.]³
1926 *Myndus crudus* Osborn, Ann. Ent. Soc. America 19: 356. [Notes.]³
1926 *Myndus crudus* Myers, Contr. Harvard Inst. Trop. Biol. and Med. 3: 86.
[Notes.]³
1928 *Myndus crudus* Myers, Studies on Cuban Insects :15. [Notes.]³

delicatus Van Duzee

- 1908 *Myndus delicatus* Van Duzee, Proc. Acad. Nat. Sci. North
Philadelphia 1907: 492. [n. sp.]¹ Carolina¹
1914 *Myndus delicatus* Barber, Bull. American Mus. Nat. Southern
Hist. 33: 527. [Listed.]³ States²
1916 *Myndus delicatus* Van Duzee, Check List Hemip. Florida³
America :80. [Listed.]²
1917 *Myndus delicatus* Van Duzee, Cat. Hemip. America :738. [Listed.]³
1921 *Myndus delicatus* Osborn, Florida Ent. 5: 16. [Listed.]³
1923 *Myndus delicatus* Metcalf, Jour. Elisha Mitchell Soc. 38: 163; Figs. 314,
602. [Key, illustrated.]
1928 *Myndus delicatus* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 76.
[Key.] :80. [Described.]¹

dolosus Muir

- 1923 *Myndus dolosus* Muir, Philippine Jour. Sci. 22: 165; Straits
Pl. I, Fig. 7. [Illustrated, n. sp.]^{1,2} Settlements¹
Penang
Island²

*Myndus***dubius** Muir

- 1926 *Myndus dubius* Muir, Jour. Malayan Branch Roy. Asiatic Soc. 4: 396. [n. sp.]^{1,2} Siberut Islands¹
Sipora Islands²

enotatus Van Duzee

- 1909 *Myndus enotatus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 9: 188. [n. sp.]¹ Florida¹
Southern States²
- 1914 *Myndus enotatus* Barber, Bull. American Mus. Nat. Hist. 33: 527. [Listed.]¹ Georgia³
- 1916 *Myndus enotatus* Van Duzee, Check List Hemip. America :80. [Listed.]² Cuba⁴
North Carolina⁵
- 1917 *Myndus enotatus* Van Duzee, Cat. Hemip. America :738. [Listed.]^{1,3} Maryland⁶
- 1920 *Myndus enotatus* Metcalf and Osborn, Ann. Ent. Soc. America 13: 113; Pl. XXII, Fig. 2. [Notes, illustrated.]⁵ Mississippi⁷
- 1921 *Myndus enotatus* Osborn, Florida Ent. 5: 16. [Listed.]¹
- 1923 *Myndus enotatus* Metcalf, Jour. Elisha Mitchell Soc. 38: 163; Figs. 119, 308, 596. [Key, illustrated.]
- 1926 *Myndus enotatus* Osborn, Ann. Ent. Soc. America 19: 356. [Notes.]⁴
- 1928 *Myndus enotatus* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 76. [Key.] :77. [Described.]^{1,3,5,6,7}

fasciatus Muir

- 1923 *Myndus fasciatus* Muir, Philippine Jour. Sci. 22: 165; Pl. I, Fig. 8. [Illustrated, n. sp.]¹ Ambonia¹
(East Indies)

fulvus Osborn

- 1903 *Myndus fulvus* Osborn, Ohio Nat. 4: 46. [n. sp.]¹ Ohio¹
- 1904 *Myndus fulvus* Osborn, Ohio Nat. 4: 100. [Listed.]¹ Eastern States²
- 1904 *Myndus fulvus* Swezey, Prelim. Cat. Fulgoridae North America :28. [Listed.]¹ Massachusetts³
- 1908 *Myndus fulvus* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia 1907: 492. [Notes.] Connecticut⁴
- 1916 *Myndus fulvus* Van Duzee, Check List Hemip. America :80. [Listed.]²
- 1917 *Myndus fulvus* Van Duzee, Cat. Hemip. America :738. [Listed.]^{3,4,1}
- 1920 *Myndus fulvus* Britton, Check-List Ins. Connecticut :46. [Listed.]⁴
- 1923 *Myndus fulvus* Metcalf, Jour. Elisha Mitchell Soc. 38: 163; Figs. 304, 593. [Key, illustrated.]
- 1923 *Myndus fulvus* Van Duzee, Fulgoridae Hemip. Connecticut :35. [Described, key.]^{1,3,4}
- 1928 *Myndus fulvus* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 76. [Key.]

hyalinus Muir

- 1923 *Myndus hyalinus* Muir, Philippine Jour. Sci. **22**: 163; Mindanao¹
Pl. 1, Fig. 4. [Illustrated, n. sp.]¹ (Philippine I.)

impiger Ball

- 1902 *Myndus impiger* Ball, Canadian Ent. **34**: 153. [n. sp.]¹ Colorado¹
1904 *Myndus impiger* Swezey, Prelim. Cat. Fulgoridae North Rocky
America :28. [Listed.]¹ Mountains²
1908 *Myndus impiger* Van Duzee, Proc. Acad. Nat. Sci.
Philadelphia **1907**: 492. [Notes.]
1916 *Myndus impiger* Van Duzee, Check List Hemip. America :80. [Listed.]²
1917 *Myndus impiger* Van Duzee, Cat. Hemip. America :738. [Listed.]¹
1928 *Myndus impiger* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 76.
[Key.]

impunctata Fitch. See *Catonia impunctatus* Fitch. Family ACHILIDAE.

impunctatus Van Duzee [nec Fitch]. See *Myndus sordidipennis* Stål.

lunatus Van Duzee

- 1909 *Myndus lunatus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. Florida¹
9: 189. [n. sp.]¹ Southern
1914 *Myndus lunatus* Barber, Bull. American Mus. Nat. States²
Hist. **33**: 527. [Listed.]¹
1916 *Myndus lunatus* Van Duzee, Check List Hemip. America :80. [Listed.]²
1917 *Myndus lunatus* Van Duzee, Cat. Hemip. America :738. [Listed.]¹
1921 *Myndus lunatus* Osborn, Florida Ent. **5**: 16. [Listed.]¹
1923 *Myndus lunatus* Metcalf, Jour. Elisha Mitchell Soc. **38**: 163. [Key.] :149.
[Listed.]
1928 *Myndus lunatus* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 76.
[Key.] :81. [Described.]¹

maculosus Muir

- 1923 *Myndus maculosus* Muir, Philippine Jour. Sci. **22**: 161; Luzon¹
Pl. 1, Fig. 1. [Illustrated, n. sp.]¹ (Philippine I.)

mindanaoensis Muir

- 1923 *Myndus mindanaoensis* Muir, Philippine Jour. Sci. **22**: Mindanao¹
162; Pl. 1, Fig. 2. [Illustrated, n. sp.]¹ (Philippine I.)

mundus Muir

- 1923 *Myndus mundus* Muir, Philippine Jour. Sci. **22**: 167; Borneo¹
Pl. 1, Fig. 10. [Illustrated, n. sp.]¹

musiva Germar

- 1825 *Flata musiva* Germar, Fauna Ins. Europae Fasc. **11**: Pl. Germany¹
21. [n. sp., illustrated.]¹ Great
1829 *Cixius musivus* Curtis, Guide Arrang. British Ins. :194. Britain²
[Listed.]^{2,3} Ireland³

Myndus

- 1830 *Flata musiva* Germar, Thon Archiv 2: 49. [Described.]¹ Europe⁴
- 1835 *Cixia musiva* Burmeister, Handb. Ent. 2 (1): 158. [Described.]¹ Equals *Flata musiva* Germ. England⁵
France⁶
- 1835 *Flata musiva* Herrich-Schäffer, Nom. Ent. 1: 64. [Key.] Austria⁷
:105. [Listed.] Belgium⁸
- 1837 *Flata musiva* Curtis, British Ent. 14: Pl. 673. [Listed.] Italy⁹
- 1837 *Cixius musivus* Curtis, Guide Arrang. British Ins. Ed. 2: Bohemia¹⁰
223. [Listed.]^{2,3} Serbia¹¹
- 1850 *Cixius musivus* Schaum, Allg. Ency. Ersch und Gruber Hungary¹²
51: 68. [Listed.]⁴ Equals *Flata musivus* Germ. Rumania¹³
- 1851 *Cixius musivus* Walker, List Homop. British Mus. 2: Switzerland¹⁴
339. [Listed.]⁴ Equals *Flata musiva* Germ. Equals *Cixia* Trans-
musiva Burm. caucasus¹⁵
- 1859 *Cixius musivus* Dohrn, Cat. Hemip. :60. [Listed.]⁴ S. Europe¹⁶
- 1860 *Cixius musivus* Walker, List British Hemip. :16. Caucasus¹⁷
[Listed.]⁵ Russia¹⁸
- 1862 *Flata musiva* Curtis, Homop. British Ent.: Pl. 673. Netherlands¹⁹
[Listed.] Moravia²⁰
- 1862 *Myndus musivus* Stål, Berliner Ent. Zeit. 6: 307. Moscou²¹
[Listed.]
- 1866 *Cixius musivus* Bellevoye, Cat. Hémip. Moselle :142 (30). [Listed.]⁶
- 1866 *Entithena musiva* Fieber, Verh. Zool. Bot. Ges. Wien 16: 515; Pl. VII, Figs. 4a–e. [Illustrated.] :499. [Listed.] Equals *Cixius musiva* Germ.
- 1867 *Entithena musivus* Dallas, Zool. Rec. 3: 561. Equals *Cixius musivus* Germ.
- 1868 *Entithena musiva* Kirschbaum, Cicad. Wiesbaden :45. [Key.]¹
- 1870 *Cixius musivus* Oshanin, "Cat. Hemip. Moscou" :45. [Listed.]²¹
- 1872 *Myndus musivus* Fieber, Kat. Europäischen Cicad. :3. [Listed.]¹
- 1875 *Myndus musivus* Puton, Cat. Hémip. d'Europe 2d. Ed. :112. [Listed.]⁴
- 1876 *Myndus musivus* Fieber, Cicad. d'Europe Pt. 2: 168 (158). [Key.] Equals *Cixius musiva* Germ. Equals *Entithena musiva* Germ. Equals *Flata musiva* Germ.
- 1880 *Myndus musivus* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 53. [Listed.]⁶
- 1882 *Myndus musivus* Ferrari, Cicad. Agri Ligustici :80 (8). [Listed.] Equals *Entithena musivus* Kb. Equals *Flata musivus* Germ.
- 1884 *Myndus musivus* Mayr, Tabellen :16. [Listed.]^{1,6,7}
- 1885 *Myndus musivus* Ivanoff, Liste des Cigales :109. [Described.] :88. [Listed.]
- 1886 *Myndus musivus* Puton, Cat. Hémip. Faune Pal. :68. [Listed.]⁴
- 1886 *Myndus musivus* Then, Kat. österreichischen Cicad. :10. [Listed.]⁷
- 1892 *Myndus musivus* Spitzner, Hemip. Mährens :(26). [Listed.]²⁰
- 1892 *Myndus musivus* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]⁸
- 1892 *Myndus musivus* Ferrari, Ann. Mus. Genova (2) 12: 568 (20). [Listed.]⁹
- 1892 *Myndus musivus* Duda, Cat. Ins. Faunae Bohemicae :27. [Listed.]¹⁰
- 1894 *Myndus musivus* Horváth, Rev. Ent. 13: 176. [Listed.]^{15,18}
- 1896 *Myndus musivus* Melichar, Cicad. Mittel-Europa :20; Pl. II, Figs. 5–9. [Described, illustrated.]^{1,6,7,20} Equals *Flata musivus* Germ. Equals *Cixius musivus* Marsh. Equals *Entithena musivus* Kb.

- 1897 *Myndus musivus* Horváth, Fauna Regni Hungariae :54. [Listed.]¹²
 1899 *Myndus musivus* Puton, Cat. Hémip. Faune Pal. :102. [Listed.]⁴
 1901 *Myndus musivus* Lambertie, Act. Soc. Linn. Bordeaux **56**: (85). [Listed.]⁶
 1902 *Myndus musivus* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) **2**:
 221. [Listed.]⁶
 1903 *Myndus musivus* Graëffe, Boll. Soc. Adriatica Sci. Nat. Trieste **21**: 58.
 [Listed.]⁷
 1903 *Myndus musivus* Horváth, Ann. Mus. Nat. Hungarici **1**: 27. [Listed.]¹
 1904 *Myndus musivus* Hueber, Syst. Verz. deutschen Zikadinen :267. [Listed.]¹
 1907 *Myndus musivus* Oshanin, Verz. Palaeark. Hemip. **2**: 248. [Listed.]^{1,6,7,9,12,13,14,15,18} Equals *Flata musiva* Germ. Equals *Entilthena musiva* Fieb.
 1910 *Myndus musivus* Lambertie, Misc. Ent. **18**: 88. [Listed.]⁶
 1912 *Myndus musivus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]^{16,17}
 1913 *Myndus musivus* Melichar, Faune Walouyki Russie **7**: 5. [Listed.]¹⁸
 1915 *Myndus musivus* Jensen-Haarup, Kobenhavn Flora og Fauna **1915**: 85.
 [Notes.]
 1920 *Myndus musivus* Jensen-Haarup, Danmarks Fauna :19. [Key.]
 1922 *Myndus musivus* MacGillavry, Ent. Berichten **6**: 67. [Listed.]¹⁹
 1925 *Myndus musivus* Della Beffa, Boll. Soc. Ent. Italiana **57**: 147. [Listed.]⁹
 1925 *Myndus musiva* Muir, Pan-Pacific Ent. **1**: 101. Equals *Flata musiva* Germ.
 1928 *Cixia musiva* Sherborn, Index Animalium **17**: 4215. [Listed.]
 1928 *Flata musiva* Sherborn, Index Animalium **17**: 4215. [Listed.]

musivus Marshall [nec Germar]. See *Cixius stigmatica* Germar.

obscuratus Muir

- 1923 *Myndus obscuratus* Muir, Philippine Jour. Sci. **22**: 164; Luzon¹
 Pl. 1, Fig. 5. [Illustrated, n. sp.]¹ (Philippine I.)

occidentalis Van Duzee

- 1914 *Myndus occidentalis* Van Duzee, Trans. San Diego Soc. California¹
 Nat. Hist. **2**: 39. [n. sp.]¹ Pacific
 1916 *Myndus occidentalis* Van Duzee, Check List Hemip. States²
 America :80. [Listed.]² Lower
 1917 *Myndus occidentalis* Van Duzee, Cat. Hemip. America California³
 :739. [Listed.]¹
 1923 *Myndus occidentalis* Van Duzee, Proc. California Acad. Sci. (4) **12**: 191.
 [Listed.]³
 1928 *Myndus occidentalis* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**:
 76. [Key.]

palawanensis Muir

- 1923 *Myndus palawanensis* Muir, Philippine Jour. Sci. **22**: Palawan¹
 162; Pl. I, Fig. 3. [Illustrated, n. sp.]^{1,2,3,4,5} Mindanao²
 (Philippine I.)
 Borneo³
 Larat⁴
 Ceram⁵
 (East Indies)

*Myndus***pictifrons** Stål

- 1862 *Myndus pictifrons* Stål, Berliner Ent. Zeit. **6**: 307. New Jersey¹
[n. sp.]¹ Ohio²
- 1904 *Myndus pictifrons* Osborn, Ohio Nat. **4**: 100. [Listed.]² New York³
- 1904 *Myndus pictifrons* Swezey, Prelim. Cat. Fulgoridae District of
North America :28. [Listed.]^{1,2,3,4} Columbia⁴
- 1908 *Myndus pictifrons* Van Duzee, Proc. Acad. Nat. Sci. New
Philadelphia **1907**: 491. [Notes.]^{3,5} Hampshire⁵
- 1910 *Oicleus* [sic] *pictifrons* Valdes, An. Acad. Cien. Habana North
46: 443. [Listed.]⁷ Carolina⁶
- 1914 *Myndus pictifrons* Valdes, Zool. Mus. Cubano "Gund- Cuba⁷
lach" Cat. Gen. :103. [Listed.]⁷ Eastern
- 1915 *Myndus pictifrons* Metcalf, Jour. Elisha Mitchell Soc. States⁸
31: 43 (11). [Listed.]⁶ Mississippi⁹
- 1916 *Myndus pictifrons* Van Duzee, Check List Hemip. America :80. [Listed.]⁸
- 1917 *Myndus pictifrons* Van Duzee, Cat. Hemip. America :738. [Listed.]^{1,2,3,4,6}
- 1923 *Myndus pictifrons* Van Duzee, Fulgoridae Hemip. Connecticut :35.
[Described, key.]^{3,4}
- 1923 *Myndus pictifrons* Metcalf, Jour. Elisha Mitchell Soc. **38**: 163; Figs. 311,
518, 599. [Key, illustrated.]
- 1928 *Myndus pictifrons* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 79.
[Described.]^{1,2,3,4,6,9} :76. [Key.]
- 1928 *Myndus pictifrons* Metcalf, Mem. Cornell Uni. Agr. Exp. Sta. **101**: 177.
[Listed.]³

pusillus Van Duzee

- 1909 *Myndus pusillus* Van Duzee, Bull. Buffalo Soc. Nat. Florida¹
Sci. **9**: 190. [n. sp.]¹ Southern
- 1914 *Myndus pusillus* Barber, Bull. American Mus. Nat. States²
Hist. **33**: 527. [Listed.]¹ Mississippi³
- 1916 *Myndus pusillus* Van Duzee, Check List Hemip. America :80. [Listed.]²
- 1917 *Myndus pusillus* Van Duzee, Cat. Hemip. America :738. [Listed.]¹
- 1921 *Myndus pusillus* Osborn, Florida Ent. **5**: 16. [Listed.]¹
- 1923 *Myndus pusillus* Metcalf, Jour. Elisha Mitchell Soc. **38**: 163; Figs. 310,
598. [Key, illustrated.]
- 1928 *Myndus pusillus* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 76.
[Key.] :78. [Described.]^{1,3}

radicis Osborn

- 1903 *Myndus radicis* Osborn, Ohio Nat. **4**: 42. [n. sp.]¹ Ohio⁴
- 1904 *Myndus radicis* Osborn, Ohio Nat. **4**: 100. [Listed.]¹ United
- 1904 *Myndus radiciis* [sic] Osborn, Bull. United States Dept. States²
Agr. Div. Ent. N. S. **46**: 89. [Life History.]¹ Eastern
- 1904 *Myndus radicis* Osborn, Proc. Soc. Prom. Agr. Sci. **25**: States³
35. [Economics.]²

- 1904 *Myndus radialis* Swezey, Prelim. Cat. Fulgoridae North America :28 [Listed.]¹
- 1908 *Myndus radialis* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia 1907: 492. [Note.]
- 1913 *Myndus radialis* Metcalf, Ann. Ent. Soc. America 6: 345; Pl. XXXVI, Figs. 47, 48. [Tracheation, illustrated.]
- 1916 *Myndus radialis* Van Duzee, Check List Hemip. America :80. [Listed.]³
- 1917 *Myndus radialis* Van Duzee, Cat. Hemip. America :739. [Listed.]¹
- 1923 *Myndus radialis* Metcalf, Jour. Elisha Mitchell Soc. 38: 163; Figs. 306, 307, 539, 595. [Key, illustrated.]
- 1928 *Myndus radialis* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 76. [Key.]

roggweini Muir

- 1921 *Myndus roggweini* Muir, Proc. Hawaiian Ent. Soc. 4: Samoa¹
566; Fig. 6. [Illustrated, n. sp.]¹
- 1927 *Myndus roggweini* Muir, Fulgoroidea of Samoa :5. [Notes.]¹

semialbus Muir

- 1923 *Myndus semialbus* Muir, Philippine Jour. Sci. 22: 164; Luzon¹
Pl. I, Fig. 6. [Illustrated, n. sp.]¹ (Philippine I.)

semibrunneus Muir

- 1927 *Myndus semibrunneus* Muir, Fulgoroidea of Samoa :5; Samoa¹
Fig. 4. [Illustrated, n. sp.]¹

seminiger Muir

- 1927 *Myndus seminiger* Muir, Fulgoroidea of Samoa :6; Fig. Samoa¹
6. [Illustrated, n. sp.]¹

slossoni Ball

- 1902 *Myndus slossoni* Ball, Canadian Ent. 34: 154. [n. sp.]¹ Florida¹
- 1904 *Myndus slossoni* Swezey, Prelim. Cat. Fulgoridae Southern
North America :28. [Listed.]¹ States²
- 1908 *Myndus slossoni* Van Duzee, Proc. Acad. Nat. Sci. Georgia³
Philadelphia 1907: 492. [Note.] Mississippi⁴
- 1909 *Myndus slossoni* Van Duzee, Bull. Buffalo Soc. Nat. Sci.
:188. [Notes.]¹
- 1914 *Myndus slossoni* Barber, Bull. American Mus. Nat. Hist. 33: 527.
[Listed.]¹
- 1916 *Myndus slossoni* Van Duzee, Check List Hemip. America :80. [Listed.]²
- 1917 *Myndus slossoni* Van Duzee, Cat. Hemip. America :738. [Listed.]^{3,1}
- 1921 *Myndus slossoni* Osborn, Florida Ent. 5: 16. [Listed.]¹
- 1923 *Myndus slossoni* Metcalf, Jour. Elisha Mitchell Soc. 38: 163; Figs. 20,
305, 594. [Key, illustrated.]
- 1928 *Myndus slossoni* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 76;
Fig. 19. [Described, key, illustrated.]^{1,4}

*Myndus***sordidipennis** Stål

- 1862 *Myndus sordidipennis* Stål, Berliner Ent. Zeit. 6: 308. Penn-
[n. sp.]¹ sylvania¹
- 1890 *Myndus impunctatus* Van Duzee, Psyche 5: 390. Equals Ottawa²
Cixius impunctatus Fitch. [error.] Connecticut³
- 1892 *Myndus impunctatus* Harrington, Ottawa Nat. 6: 31. Colorado⁴
[Listed.]² Iowa⁵
- 1894 *Myndus impunctatus* Van Duzee, [nec Fitch] Bull. New Jersey⁶
Buffalo Soc. Nat. Sci. 5: 190. [Listed.]⁷ New York⁷
- 1895 *Myndus impunctatus* Gillette and Baker, Hemip. Colo- Eastern
rado :69. [Listed.]⁴ States⁸
- 1898 *Myndus impunctatus* Osborn, Proc. Iowa Acad. Sci. 5: Ontario⁹
235. [Listed.]⁵ Georgia¹⁰
- 1898 *Myndus impunctatus* Osborn, Contr. Iowa State Coll. Florida¹¹
Agr. Dept. Zool. Ent. 3: 12. [Listed.]⁵ District of
- 1904 *Myndus impunctatus* Wirtner, Ann. Carnegie Mus. 3: Columbia¹²
215. [Listed.]¹ Ohio¹³
- 1904 *Myndus impunctatus* Swezey [nec Fitch], Prelim. Cat. United
Fulgoridae North America :28. [Listed.]^{4,5,7} Equals States¹⁴
Cixius impunctatus Fitch. [error.] Canada¹⁵
- 1904 *Myndus sordidipennis* Swezey, Prelim. Cat. Fulgoridae
North America :28. [Listed.]^{1,7}
- 1908 *Myndus sordidipennis* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia
1907: 491. [Notes.]⁷ Equals *Myndus impunctatus* Van D. [nec Say.]
- 1910 *Myndus sordidipennis* Smith, Rept. Ins. New Jersey :96. [Listed.]⁶
- 1910 *Myndus impunctatus* Felt, Bull. New York State Mus. 141: 121. [Listed.]
Equals *Cixius impunctatus* Fitch. [error.]
- 1916 *Myndus sordidipennis* Van Duzee, Check List Hemip. America :80.
[Listed.]⁸ Equals *Myndus impunctatus* Van D. [nec Fitch.]
- 1917 *Myndus sordidipennis* Van Duzee, Cat. Hemip. America :738. [Listed.]^{1,4,}
^{6,7,9,10} Equals *Myndus impunctatus* Van D. [nec Fitch.]
- 1923 *Myndus sordidipennis* Metcalf, Jour. Elisha Mitchell Soc. 38: 163; Figs.
313, 601. [Key, illustrated.]
- 1923 *Myndus sordidipennis* Van Duzee, Fulgoridae Hemip. Connecticut :35.
[Described, key.]^{3,14,15}
- 1928 *Myndus sordidipennis* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14:
76. [Key.] :80. [Described.]^{1,4,6,7,9,11,12,13}
- 1928 *Myndus sordidipennis* Metcalf, Mem. Cornell Uni. Agr. Exp. Sta. 101:
177. [Listed.]⁷

sordidus Muir

- 1927 *Myndus sordidus* Muir, Fulgoroidea of Samoa :6; Fig. 5. Samoa¹
[n. sp., illustrated.]¹

truncatus Metcalf

- 1923 *Myndus truncatus* Metcalf, Jour. Elisha Mitchell Soc. Illinois¹
38: 184; Figs. 312, 600. [n. sp., illustrated.]¹ :163. [Key.]

1927 *Myndus truncatus* Frison, Bull. Illinois Nat. Hist. Surv. 16: 153. [Listed.]¹

viridis Ball

- 1902 *Myndus viridis* Ball, Canadian Ent. 34: 153. [n. sp.]^{1,2} Colorado¹
 1904 *Myndus viridis* Swezey, Prelim. Cat. Fulgoridae North Iowa²
 America :28. [Listed.]^{1,2,3} Ohio³
 1904 *Myndus viridis* Osborn, Ohio Nat. 4: 100. [Listed.] New Jersey⁴
 1908 *Myndus viridis* Van Duzee, Proc. Acad. Nat. Sci. Phila- Great Plains⁵
 delphia 1907: 492. [Note.]
 1910 *Myndus viridis* Smith, Rept. Ins. New Jersey :96. [Listed.]¹
 1916 *Myndus viridis* Van Duzee, Check List Hemip. America :80. [Listed.]⁵
 1917 *Myndus viridis* Van Duzee, Cat. Hemip. America :738. [Listed.]^{1,2,3,4}
 1923 *Myndus viridis* Metcalf, Jour. Elisha Mitchell Soc. 38: 163; Figs. 309,
 597. [Key, illustrated.]
 1928 *Myndus viridis* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 76.
 [Key.]

vitiensis Kirkaldy

- 1907 *Myndus vitiensis* Kirkaldy, Bull. Hawaiian Sugar Pl. Fiji¹
 Assoc. 3: 111. [n. sp.]¹ :12. [Listed.]

Genus **LEADES** Jacobi

Orthotype *Leades rufinus* [n. sp.] 1928 Jacobi, Mjoberg's Exp. Australia :38.

Leades 1928 Jacobi, Mjoberg's Exp. Australia :38. [gen. n.]

rufinus Jacobi

- 1928 *Leades rufinus* Jacobi, Mjoberg's Exp. Australia :38; Australia¹
 Fig. 25. [Illustrated, n. sp.]¹

Genus **NESOMYNDUS** Jacobi

Haplotype *Nesomyndus australis* [n. sp.] 1917 Jacobi, Reise in Ostafrika 3: 529.

Type *Nesomyndus australis* 1925 Muir, Pan-Pacific Ent. 1: 102.

- Nesomyndus 1917 Jacobi, Reise in Ostafrika 3: 529. [gen. n.]
 1925 Muir, Pan-Pacific Ent. 1: 102. [Listed.] :160. [Notes.]
 1932 Schulze, Kükenthal and Heider, Nomenclator Animal. 3 (16):
 2247. [Listed.]

australis Jacobi

- 1917 *Nesomyndus australis* Jacobi, Reise in Ostafrika 3: 529; Madagascar¹
 Pl. 32, Fig. 16. [Illustrated, n. sp.]¹

Genus **KOROANA** Myers

Orthotype *Koroana helena* [n. sp.] [*Cixius interior* Walker] 1924 Myers,
 Trans. New Zealand Inst. 55: 319.

Koroana—Anila

Type *Koroana helena* 1925 Muir, Pan-Pacific Ent. 1: 101.

- Koroana 1924 Myers, Trans. New Zealand Inst. 55: 319. [gen. n.] :317. [Key.]
 1925 Muir, Pan-Pacific Ent. 1: 101. [Listed.] :108. [Key.]
 1927 Tillyard, Ins. Australia and New Zealand :166. [Listed.]
 1932 Brues and Melander, Class. Ins. :120. [Listed.]

arthuria Myers

- 1924 *Koroana arthuria* Myers, Trans. New Zealand Inst. 55: New Zealand¹
 320; Pl. 22, Figs. 1-4. [Illustrated, n. sp.]¹ :316. [Life
 history notes.]

helena Myers. See *Koroana interior* Walker.

interior Walker

- 1858 *Cixius interior* Walker, List Homop. British Mus. New Zealand¹
 Suppl. :82. [n. sp.]¹
 1858 *Cixius rufifrons* Walker, List Homop. British Mus. Suppl. :83. [n. sp.]¹
 1874 *Cixius rufifrons* Hutton, Trans. New Zealand Inst. 6: 171. [Listed.]
 1874 *Cixius interior* Hutton, Trans. New Zealand Inst. 6: 171. [Listed.]
 1879 *Cixius interior* White, Ent. Monthly Mag. 15: 216. [Listed.]¹
 1879 *Cixius rufifrons* White, Ent. Monthly Mag. 15: 216. [Listed.]¹
 1898 *Cixius interior* Hutton, Trans. New Zealand Inst. 30: 185. [Described,
 key.]¹
 1898 *Cixius rufifrons* Hutton, Trans. New Zealand Inst. 30: 185. [Key.] :186.
 [Described.]¹
 1904 *Cixius interior* Hutton, Index Faunae Novae Zealandiae :224. [Listed.]¹
 1904 *Cixius rufifrons* Hutton, Index Faunae Novae Zealandiae :225. [Listed.]¹
 1909 *Cixius interior* Kirkaldy, Trans. New Zealand Inst. 41: 28. [Listed.]
 1909 *Cixius rufifrons* Kirkaldy, Trans. New Zealand Inst. 41: 28. [Listed.]
 1924 *Cixius rufifrons* Myers, Trans. New Zealand Inst. 55: 319. [Described.]¹
 1924 *Koroana helena* Myers, Trans. New Zealand Inst. 55: 319; Pl. 21, Figs.
 1-8. [Illustrated, n. sp.]¹
 1927 *Koroana interior* Myers, Trans. New Zealand Inst. 57: 689. [Synonymy.]¹
 Equals *Cixius interior* Walk. Equals *Koroana helena* Myers. Equals
Cixius rufifrons Walk.
 1927 *Koroana helena* Tillyard, Ins. Australia and New Zealand :166; Fig. Q29.
 [Illustrated.]¹

Genus **ANILA** Distant

Orthotype *Anila fuliginosa* [n. sp.] 1906 Distant, Fauna British India
 3: 260.

Type *Anila fuliginosa* 1925 Muir, Pan-Pacific Ent. 1: 99.

- Anila 1906 Distant, Fauna British India 3: 260. [gen. n.] :255. [Key.]
 1912 Waterhouse, Index Zool. 2: 17. [Listed.]
 1916 Distant, Fauna British India 6: 37. [Listed.]
 1925 Muir, Pan-Pacific Ent. 1: 99. [Listed.] :108. [Key.]

1926 Schulze, Kükenthal and Heider, Nomenclator Animal. 1 (2): 185.
[Listed.]

fuliginosa Distant

1906 *Anila fuliginosa* Distant, Fauna British India 3: 261; Burma¹
Fig. 116. [n. sp., illustrated.]¹

versicolor Distant

1911 *Anila versicolor* Distant, Ann. Mag. Nat. Hist. (8) 8: India¹
741. [n. sp.]¹ Sikkim²

1916 *Anila versicolor* Distant, Fauna British India 6: 37;
Fig. 22. [Described, illustrated.]²

Genus **CIXIUS** Latreille

Logotype *Cicada nervosa* 1837 Curtis, British Ent. 14: Pl. 673.

Pseudotype *Cixius servillei* 1840 Duponchel, Rev. Zool. 2: 203.

Pseudotype *Cixius cunicularis* [sic] 1840 Westwood, Syn. Genera
British Ins. :115.

Type *Cixia nervosa* 1844 Blanchard, Dict. Univ. d'Hist. Nat. 3: 728.

Type *Cicada nervosa* 1862 Curtis, Homop. British Ent.: Pl. 673.

Type *Cixius nervosa* 1900 Kirkaldy, Entomologist 33: 264.

Type *Cixius nervosus* 1906 Distant, Fauna British India 3: 259.

Type *Cixius nervosus* 1907 Distant, Ann. Mag. Nat. Hist. (7) 19: 284.

Type *Cixius nervosus* 1912 Oshanin, Kat. Palaeark. Hemip. :116.

Logotype *Cixius nervosus* 1916 Van Duzee, Check List Hemip.
America :79.

Logotype *Cixius nervosus* 1917 Van Duzee, Cat. Hemip. America :734.

Type *Cixius nervosus* 1924 Myers, Trans. New Zealand Inst. 55: 317.

Type *Cicada nervosa* 1925 Muir, Pan-Pacific Ent. 1: 100.

Logotype *Cixius nervosus* 1928 Dozier, Tech. Bull. Mississippi Agr.
Exp. Sta. 14: 69.

Type *Cixius nervosus* 1929 Haupt, Zool. Jahrb. Syst. Okol. 58: 195.

[*Vincentia* Uhler]

[Haplotype *Vincentia interrupta* [n. sp.] 1895 Uhler, Proc. Zool. Soc.
London 1895: 67.]

[Type *Vincentia interrupta* 1925 Muir, Pan-Pacific Ent. 1: 104.]

- Cixius 1804 Latreille, Hist. Nat. Ins. 12: 310. [gen. n.]
1804 Latreille, Nov. Dict. Hist. Nat. 24: 168. [Key.]
1807 Rossi, Illiger's Fauna Etrusca 2: 347. [Note.] Equals *Cixia*.
1807 Latreille, Genera Crust. et Ins. 3: 166. [Described.]
*1815 Leach, Brewster's Edinburgh Encyc. 9: 125.
1819 Samouelle, Ent. Comp. :230. [Described.] Equals *Fulgora*
Latr. [in part.] Equals *Flata* Fabr. [in part.]

Cixius

- 1820 Billberg, Enum. Ins. :72. [Listed.] Equals *Delphax* [in part.]
 Equals *Flata* Fabr. [in part.] Equals *Fulgora* Latr. [in part.]
 Equals *Cicada* [in part.]
- 1823 Schinz, Das Thierreich 3: 590. To *Flata* Fabr. [error.]
- 1824 Samouelle, Ent. Comp. 2nd. Ed. :230. Described. Equals
Fulgora Latr. [in part.] Equals *Flata* Fabr. [in part.]
- 1828 Boitard, Man. Ent. Hist. Nat. Ins. 2: 154. [Described.] :150.
 [Key.]
- 1828 Zetterstedt, Fauna Ins. Lapponica :545. [Described.] Equals
Delphax Fall. [in part.] Equals *Flata* Fabr. [in part.]
- 1829 Curtis, Guide Arrang. British Ins. :194. [Listed.]
- 1829 Latreille, Crust. Arach. et Ins. Distrib. Fam. Nat. 2: 216.
 [Described.]
- 1829 Latreille, Cuvier's Regne Animal 5: 216. [Described.]
- 1829 Stephens, Cat. British Ins. :356. [Listed.] Equals *Flata* Fabr
 [in part.]
- 1830 Bonaparte, Cuvier's Regne Animal. :216. [Described.]
- 1830 Latreille, Cuvier's Regne Animal Crochard Ed. 3: 216. [De-
 scribed.]
- 1830 Eichwald, Zool. Spec. :229. [Described.] Equals *Flata* Fabr.
 [in part.]
- 1832 Gray, The Animal Kingdom 15: 224. [Notes.]
- 1833 Dufour, Rech. Anat. Hémip. :224, 416. [Anatomy.]
- 1833 Germar, Rev. Ent. Silbermann 1: 175. To *Flata* Fabr. [error.]
- 1834 Costa, Cenni Zoologici :83. [Described.]
- 1834 Guérin-Ménéville, Voyage aux Indes Belanger 1: 463. [De-
 scribed.] :449. [Key.]
- 1834 Latreille, Cuvier's Animal Kingdom M'Murtrie Ed. 4: 41.
 [Described.]
- 1835 Herrich-Schäffer, Nom. Ent. 1: 105. To *Flata* Fabr. [error.]
- Cixia* 1835 Burmeister, Handb. Ent. 2 (1): 156. [gen. n.] Equals *Cixius*
 Latr. Equals *Flata* Fabr. [in part.] :146 [Key.]
- 1837 Eversmann, Bull. Soc. Nat. Moscou 10: 34. [Listed.] Equals
Flata Fabr. [in part.]
- Cixius* 1837 Latreille, Cuvier's Animal Kingdom, Henderson Ed. 4: 175.
 [Described.]
- 1837 Gistel, Cicaden München :107 (12). To *Flata* Fabr. [error.]
- 1837 Curtis, Guide Arrang. British Ins. Ed. 2: 223. [Listed.]
- 1837 Curtis, British Ent. 14: Pl. 673. [Described.] Equals *Flata*
 Fabr. [in part.] Equals *Cicada* Linn. [in part.]
- Cixia* 1839 Spinola, Ann. Soc. Ent. France 8: 144. [Key.]
- Cixius* 1839 Spinola, Ann. Soc. Ent. France 8: 323. [Described.] :204.
 [Key.]
- 1839 Voigt, Das Thierreich vom Cuvier 5: 390. [Described.]
- 1840 Comte, Regne Animal: Pl. 68. [Key.]
- 1840 Duponchel, Rev. Zool. 2: 203. [Described.]
- 1840 Westwood, Syn. Genera British Ins. :115. [Key.]

- 1840 Zetterstedt, Ins. Lapponica Desc. :303. [Described.] Equals *Flata* Fall. [in part.] Equals *Delphax* Fall. [in part.]
- Cixia* 1840 Blanchard, Hist. Nat. Ins. Hémipt. 3: 173. [Described.] Equals *Flata* Fabr. [in part.] Equals *Fulgora* Oliv. [in part.] Equals *Delphax* Fall. [in part.] Equals *Achilus* Kby. [in part.] Equals *Cicada* Linn. [in part.] Equals *Cercopis* Panz. [in part.]
- Cixius* 1843 Amyot et Serville, Hist. Nat. Ins. Hémipt. :507. [Described.] Equals *Cicada* Linn. [in part.] Equals *Flata* Fabr. [in part.] Equals *Fulgora* Oliv. [in part.] Equals *Cixia* Burm.
- 1843 Boitard, Nouveau Man. Ent. 3: 79. [Key.] :83. [Described.]
- 1844 Blanchard, Dict. Univ. d'Hist. Nat. 3: 728. [Listed.]
- 1844 Guérin-Méneville, Icon. Règne Animal 2: 358. [Listed.]
- Cixia* 1844 Blanchard, Dict. Univ. d'Hist. Nat. 3: 728. [Described.]
- Cixie* [sic] 1845 Blanchard, Hist. Ins. 2: 424. [Described.]
- Cixia* 1846 Gimmerthal, Corr. Nat. Riga 1: 27. [Listed.]
- Cixius* 1846 Germar, Agassiz Nom. Zool. :5.
- 1847 Amyot, Ann. Soc. Ent. France (2) 5: 164. [Described.] [non binom.]
- 1847 Blanchard, d'Orbigny Dict. Univ. Hist. Nat. 10: 596. [Listed.]
- 1848 Agassiz, Index Univ. :253. [Listed.]
- Cixia* 1848 Agassiz, Index Univ. :253. [Listed.]
- Cixius* 1848 Amyot, Méth. Mon. :360. [Described.] [non binom.]
- 1849 Blanchard, Cuvier's Le Règne Animal 6: 60. [Described.]
- 1849 Westwood, Cuvier's Animal Kingdom :568. [Notes.]
- Cixia* 1849 Lucas, Exploration Sci. L'Algérie :103. [Listed.] Equals *Cixius* Latr. Equals *Flata* Fabr. [in part.]
- 1850 Blanchard, Hist. Nat. Ins. 3 (1): 173. [Described.] Equals *Flata* Fabr. [in part.] Equals *Cicada* Linn. [in part.] Equals *Cercopis* Panz. [in part.] Equals *Fulgora* Oliv. [in part.] Equals *Delphax* Fall. [in part.] Equals *Achilus* Kby. [in part.]
- Cixius* 1850 Hardy, Trans. Tyneside Nat. Club 1: 430. [Listed.]
- 1850 Schaum, Allg. Ency. Ersch. und Gruber 51: 68. [Described.] Equals *Cixia* Burm. :62. [Key.]
- 1851 Fitch, Cat. Homop. :45. [Listed.]
- 1851 Walker, List Homop. British Mus. 2: 339. [Listed.] Equals *Flata* Fabr. [in part.] Equals *Cixia* Burm. Equals *Delphax* Fall. [in part.] :422. To *Ricania* Germ. [in part.]
- 1852 Spinola, Gay's Hist. Chili 7: 248. [Described.] Equals *Flata* Fabr. [in part.]
- 1852 Spinola, Tavola Sinottica :52. [Key.]
- 1855 Stål, Ofv. Svenska Vet. Akad. Forh. 12: 92. [Listed.]
- 1857 Costa, O. G., Fauna Regno Napoli :4. [Described.]
- 1857 Walker, Jour. Proc. Linn. Soc. 1: 87. [Listed.]
- 1857 Walker, Jour. Linn. Soc. Zool. 1: 146. [Listed.]
- 1858 Walker, List Homop. British Mus. Add. :321. [Listed.]
- 1858 Walker, Insecta Saundersiana :41. [Listed.]
- 1858 Walker, List Homop. British Mus. Suppl. :77. [Listed.]

Cixius

- 1859 Dohrn, Cat. Hemip. :60. [Listed.]
 1859 Stål, Freg. Eugenies Resa :272. [Listed.]
 1860 Signoret, Ann. Soc. Ent. France (3) 8: 186. [Listed.]
 1860 Walker, List British Hemip. :16. [Listed.]
 1861 Flor, Rhynch. Livlands 2: 15. [Described, key.] :21. [Key to species.]
 1862 Curtis, Homop. British Ent.: Pl. 673. [Described.] Equals *Flata* Fabr. [in part.] Equals *Cicada* Linn. [in part.]
 1862 Graaf, Six, Snellen van Vollenhoven, Tijdschr. Ent. 5: 76. [Listed.]
 1863 Gerstaecker, Peters, Carus, Gerstaecker Handb. der Zoologie 2: 300. [Described.]
 1863 Westwood, Cuvier's Animal Kingdom New Ed. :568. [Note.]
 1864 Marshall, Ent. Monthly Mag. 1: 154. [Listed.] :152. [Key.]
 1865 Fieber, Verh. Zool. Bot. Ges. Wien. 15: 44. [Notes.]
 1866 Bellevoye, Cat. Hémip. Moselle :142 (30). [Listed.]
 1866 Stål, Hemip. Africana 4: 164. [Key.] :263. [Listed.] :169. [Described.]
 1868 Kirschbaum, Cicad. Wiesbaden :46. [Key to species.] :11. [Key.]
 1869 Lethierry, Cat. Hémip. du Nord :353. [Listed.]
Cixius 1869 Rathvon, Hist. Lancaster Co. Penn. :550. [Listed.]
 1870 Oshanin, "Cat. Hemip. Moscou" :45. [Listed.]
 1870 Scott, Ent. Monthly Mag. 7: 121. [Described, key to species.] :119. [Key.]
 1870 Siebke, Ent. Reise :71. [Listed.]
 1870 Walker, Jour. Linn. Soc. Zool. 10: 103. [Listed.]
 1871 Brischke, Verz. Wanzen und Zirpen Prov. Preussen :13 [Listed.] Equals *Flata* Fieb. [in part.]
 1871 Sahlberg, Not. Fenn. (n. s.) 9 (12): 73. [Key.] :377. [Described.]
 1872 Fieber, Kat. Europäischen Cicad. :3. [Listed.] Equals *Cixia* Burm.
 1874 Lethierry, Cat. Hémip. Dept. du Nord 2nd. Ed. :256 (52). [Listed.]
 1874 Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 85. [Listed.]
 1874 Siebke, Enum. Ins. Norvegicorum :39. [Listed.] Equals *Flata* Fall. [in part.]
 1875 Fieber, Cicad. d'Europe Pt. 1: 355 (68). [Described.]
 1875 Puton, Cat. Hémip. d'Europe 2nd. Ed. :112. [Listed.]
Cixie [sic] 1875 Blanchard, Hist. Nat. Ins. 2: 424. [Described.]
Cixius 1876 Douglas and Scott, Cat. British Hemip. :65. [Listed.]
 1876 Fieber, Cicad. d'Europe Pt. 2: 176 (166); Pl. 5. [Illustrated, key to species.]
 1876 Uhler, Bull. United States Geol. Geog. Surv. 1 (5): 352. [Listed.]

- 1877 Uhler, Bull. United States Geol. Geog. Surv. Terr. **3**: 458. [Listed.]
- 1880 Reiber and Puton, Bull. Soc. Hist. Nat. Colmar **21**: 53. [Listed.]
- 1881 Mayr, Ber. Natur.-Med. Ver. Innsbruck **10**: 84 (8). [Listed.]
- 1882 Ferrari, Cicad. Agri Ligustici :79 (7). [Key.] :80 (8). [Listed, key to species.]
- 1882 Scudder, Nomenclator Zool. Univ. Index :70. [Listed.]
- Cixia* 1882 Scudder, Nomenclator Zool. Univ. Index :70. [Listed.]
- Cixius* 1883 Karsch, Insektenwelt :649. [Described.]
- 1884 Mayr, Tabellen :16. [Key.]
- 1884 Uhler, Standard Nat. Hist. **2**: 240. [Notes.]
- 1885 Fairmaire, Hist. Nat. France Hémip. :142. [Described, key.]
- 1885 Girard, Traite Elem. Ent. **3**: 860. [Described.]
- 1885 Ivanoff, Liste des Cigales :88. [Listed.] :97. [Key.] :108. [Key to species.]
- 1885 Kunckel d'Herculais, Brehm's Insectes **2**: 482. [Described.]
- 1886 Atkinson, Jour. Asiatic Soc. Bengal **55**: 31. [Described.]
- 1886 Edwards, Syn. British Homop.-Cicadina Pt. **1**: 51; Pl. 1, Fig. 16. [Described, illustrated, key to species.] :50. [Key.]
- 1886 Leunis, Synop. Thierkunde **2**: 464. [Described.] :463. [Key.]
- 1886 Puton, Cat. Hémip. Faune Pal. :69. [Listed.]
- 1886 Then, Kat. österreichischen Cicad. :10. [Listed.]
- 1886 Westwood, Cuvier's Animal Kingdom :568. [Notes.]
- 1888 Dubois, Mém. Soc. Linn. Nord France **7**: 153 (57). [Listed.]
- 1888 Edwards, Ent. Monthly Mag. **25**: 100. [The British species tabulated.]
- 1889 Ashmead, Ent. Amer. **5**: 25. [Key.]
- 1889 Provancher, Petite Faune Ent. Canada :221. [Described.] :216. [Key.]
- 1890 Hansen, Ent. Tidskr. **11**: 53. [Morphology of tarsi.]
- 1890 Saunders and Edwards, Cat. British Hemip. :11. [Listed.]
- 1890 Buckton, Mon. British Cicadae **1**: 18. [Described.] :24. [Key to British species.] :16. [Key.]
- 1890 Smith, Ins. New Jersey :439. [Listed.]
- 1892 Coubeaux, Ann. Soc. Ent. Belgique **36**: 34 (1). [Listed.]
- 1892 Dominique, Bull. Soc. Sci. Nat. Ouest France **2**: 115. [Listed.]
- 1892 Duda, Cat. Ins. Faunae Bohemicae :27. [Listed.]
- 1892 Spitzner, Hemip. Mährens :(26). [Listed.]
- 1893 Bezzi, Bull. Soc. Ent. Italiana **25**: 107 (27). [Listed.]
- 1893 Fitch, Reprint Cat. Homop. New York :385. [Listed.]
- 1894 Edwards, Hemip.-Homop. British Islands Pt. **1**: 24; Pl. 1, Fig. 16. [Described, key to species, illustrated.] :23. [Key.]
- 1894 Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 190. [Listed.]
- 1894 Verhoeff, Verh. Ver. Rheinland **1894**: 310, 354. [Morphology of the abdomen.]
- Vincentia* 1895 Uhler, Proc. Zool. Soc. London **1895**: 67. [gen. n.]

Cixius

- Cixius 1896 Melichar, Cicad. Mittel-Europa :21. [Described, key to species.] :18. [Key.]
 1897 Acloque, Faune France :401; Pl. 162, Fig. c. [Illustrated, key to species.] :400. [Key.]
 1897 Horváth, Fauna Regni Hungariae :54. [Listed.]
 1898 Hutton, Trans. New Zealand Inst. **30**: 185. [Key, key to New Zealand species.]
 1899 Handlirsch, Verh. Zool. Bot. Ges. Wien **1899**: 501. [Morphology.]
 1899 Marchal, Bull. Soc. Hist. Nat. Autun **11**: 588. [Listed.]
 1899 Puton, Cat. Hémip. Faune Pal. :103. [Listed.]
 1900 Kirkaldy, Entomologist **33**: 264. [Listed.]
 1900 Lambertie, Act. Soc. Linn. Bordeaux **55**: clxxiv. [Listed.]
 1900 Smith, Ins. New Jersey **2**: 88. [Listed.]
 1900 Strobl, Mitt. Natur. Ver. Steiermark **36**: 202. [Listed.]
 1901 Kirkaldy, Entomologist **34**: 219. [Listed.]
 1901 Lambertie, Act. Soc. Linn. Bordeaux **56**: (85). [Listed.]
 1901 Leonardi, Gli Insetti **4**: 130. [Described.] Equals *Cixia*. Equals *Flata*. [in part.] Equals *Delphax*. [in part.]
 1901 Hansen, Entomologist **34**: 153. [Morphology of tarsus.]
 1902 Cobelli, Cicadine Trentino :7. [Listed.]
 1902 Dominique, Bull. Soc. Sci. Nat. Ouest France (2) **2**: 221. [Listed.]
 1903 Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste **21**: 58. [Listed.]
 1903 Hansen, Entomologist **36**: 94. [Morphology.]
 1903 Henshaw, Psyche **10**: 227. [Listed.]
 Vincenia 1903 Henshaw, Psyche **10**: 229. [Listed.]
 Cixius 1903 Melichar, Homop.-Fauna Ceylon :30. [Described.] :223. [Listed.]
 1904 Hutton, Index Faunae Novae Zealandiae :224. [Listed.]
 1904 Swezey, Prelim. Cat. Fulgoridae North America :26. [Listed.]
 1904 Wirtner, Ann. Carnegie Mus. **3**: 214. [Listed.]
 1904 Lambertie, Act. Soc. Linn. Bordeaux **59**: xxx (14). [Listed.]
 1904 Hueber, Syst. Verz. deutschen Zikadinen :267. [Listed.] Equals *Flata* Fabr. [in part.]
 1904 Fowler, Biologia Centrali-Americana **1**: 80. [Key.] :96. [Notes.] Equals *Cixia* Burm.
 1906 Van Duzee, Canadian Ent. **38**: 408. [Key to species.]
 1906 Distant, Fauna British India **3**: 255. [Key.] :259. [Described.]
 1906 Matsumura, Schr. Nat. Ges. Danzig **11**: 75. [Listed.]
 1907 Oshanin, Verz. Palaeark. Hemip. **2**: 241. [Listed.]
 1907 Distant, Ann. Mag. Nat. Hist. (7) **19**: 284. [Listed.]
 1907 Distant, Ins. Transvaaliensia **8**: 194. [Notes.]
 1907 Kirkaldy, Entomologist **40**: 226. [Ecology.]
 1908 Saunders and Edwards, Cat. of British Hemip. :14. [Listed.]
 1908 Van Duzee, Proc. Acad. Nat. Sci. Philadelphia **1907**: 488. [Key to species.] :484. [Key.]

- 1908 Horváth, Ann. Mus. Nat. Hungarici **6**: 9. [Listed.]
 1909 Kirkaldy, Trans. New Zealand Inst. **41**: 28. [Listed.]
 1910 Lambertie, Misc. Ent. **18**: 88. [Listed.]
 1910 Smith, Rept. Ins. New Jersey :95. [Listed.]
 1911 Licent, Bull. Soc. Ent. France **1911**: 48. [Malpighian tubules.]
 1912 Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]
 1912 Schmidt, Stett. Ent. Zeit. **73**: 147. [Listed.]
 1913 Dalla Torre, Ent. Jahrb. **22**: 149. [Listed.]
 1913 Metcalf, Ann. Ent. Soc. America **6**: 349; Pl. XXXVII, Fig. 57. [Venation illustrated.]
 1913 Melichar, Faune Walouyki Russie **7**: 5. [Listed.]
 1913 Strand, Arthropodenfauna Norwegens :274. [Listed.]
 1914 Matsumura, Annot. Zool. Japonenses **8**: 395. [Listed.]
 1915 Schumacher, Homop.-Fauna Insel Formosa :113. [Listed.]
 1915 Jacobsen, Ent. Medd. **10**: 318. [Listed.]
 1915 Schumacher, Suppl. Ent. **4**: 131. [Listed.]
 1915 Jensen-Haarup, Kobenhavn Flora og Fauna **1915**: 85. [Described, key.] :86. [Key to species.]
 1915 Brues and Melander, Key Families North American Ins. :75. [Listed.]
 1916 Oshanin, Horae Soc. Ent. Rossicae **42**: 87. [Bibliography.]
 1916 Van Duzee, Check List Hemip. America :79. [Listed.] Equals *Flata* Germ. [in part.]
 1917 Van Duzee, Cat. Hemip. America :734. [Listed.] Equals *Cixia* Burm. Equals *Flata* Germ. [in part.]
 1919 Lyle, Entomologist **52**: 7. [Listed.]
 1920 Britton, Check-List Ins. Connecticut :46. [Listed.]
 1920 Jensen-Haarup, Danmarks Fauna :19. [Described, key.] :20. [Key to species.]
 1920 Tullgren and Wahlgren, Svenska Insekter :150. [Listed.]
 1923 Metcalf, Jour. Elisha Mitchell Soc. **38** :161. [Key.]
 1923 Van Duzee, Fulgoridae, Hemip. Connecticut :33. [Described, key to species.] :32. [Key.]
 1924 Buchner, Verh. Deutsch. Zool. Ges. **29**: 52. [Listed.]
 1924 Lindberg, Acta Soc. Fauna Flora Fenn. **56**: 45. [Listed.]
 1924 Myers, Trans. New Zealand Inst. **55**: 317. [Notes, key.]
Vincentia 1925 Muir, Pan-Pacific Ent. **1**: 104. [Synonym of *Cixius* Latr.]
Cixia 1925 Sherborn, Index Animalium **6**: 1336. [Listed.] Equals *Cixius* Latr.
Cixius 1925 Handlirsch, Schroder's Handb. Ent. **3** (9): 1107. [Listed.]
Cixius [sic] 1925 Kupka, Mitt. Munch. Ent. Ges. **15**: 111. [Listed.]
Cixius 1925 Muir, Pan-Pacific Ent. **1**: 100. [Listed.] Equals *Vincentia* Uhl. :108. [Key.]
 1925 Sherborn, Index Animalium **6**: 1336. [Listed.]
 1926 Rémy-Perrier, Homop. Faune France :90; Figs. CN1-3. [Illustrated.] [Key.] :91. [Key to species.]

Cixius

- Cixia* 1927 Schulze, Kükenthal and Heider, Nomenclator Animal. 2 (7): 710. [Listed.] To *Cixius* Latr.
- Cixius* 1927 Johnson, Biol. Surv., Mount Desert Reg. 1: 33. [Listed.]
 1927 Perrier, Traité Zool. 3: 1318. [Notes.]
 1927 Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 141. [Listed.]
 1927 Schulze, Kükenthal and Heider, Nomenclator Animal. 2 (7): 710. [Listed.]
 1928 Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 69. [Described, key to species.] :55. [Key.]
 1928 Ivanov, Rev. Russe d'Ent. 22: 55. [Genitalia described.]
 1928 Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. 101: 177. [Listed.]
 1929 Haupt, Cong. Int. Zool. 10: 1072; Fig. 2. [Illustrated.]
 1929 Haupt, Zool. Jahrb. Syst. Okol. 58: 195. [Key.]
 1929 Knowlton, Florida Ent. 13: 50. [Listed.]
 1930 Weber, Biol. Hemip. :200, 258. [Morphology.] :312, Figs. 232, 233. [Illustrated.]
 1932 Brues and Melander, Class. Ins. :120; Fig. 172. [Illustrated.]

adpersus Spinola

- 1852 *Cixius adpersus* Spinola, Gay's Hist. Chili 7: 257. Chile¹
 [n. sp.]¹

aequus Walker

- 1857 *Cixius aequus* Walker, Jour. Linn. Soc. Zool. 1: 147. Borneo¹
 [n. sp.]¹
 1859 *Cixius aequus* Dohrn, Cat. Hemip. :61. [Listed.]¹
 1907 *Cixius equus* [sic] Distant, Ann. Mag. Nat. Hist. (7) 19: 286. [Mutilated.]¹

albicans Walker. See *Tropiduchus albicans* Walker. Family TROPIDUCHIDAE.

albicincta Germar. See *Cixius pilosus* var. *albicinctus* Germar.

albidus Walker

- 1851 *Cixius albidus* Walker, List Homop. British Mus. 2: 347. [n. sp.]¹ Sierra Leone¹
 1859 *Cixius albidus* Dohrn, Cat. Hemip. :60. [Listed.]¹

albipennis Stål. See *Phypia albipennis* Stål. Family ACHILIDAE.

albipennis Reuter (var.). See *Cixius stigmatica* var. *reuteri* Metcalf.

albistriga Walker

- 1857 *Cixius albistriga* Walker, Jour. Proc. Linn. Soc. 1: 87. Singapore¹
 [n. sp.]¹ India²
 1859 *Cixius albistriga* Dohrn, Cat. Hemip. :60. [Listed.]¹ :61. [Listed.]²
 1886 *Cixius* (?) *albistriga* Atkinson, Jour. Asiatic Soc. Bengal 55: 31. [Described.]¹

anceps Germar

- 1830 *Flata anceps* Germar, Thon. Archiv 2: 48. [n. sp.]¹ Brazil¹
 1835 *Cixia anceps* Burmeister, Handb. Ent. 2 (1): 158. Equals
Flata anceps Germ.
 1850 *Cixius anceps* Schaum, Allg. Ency. Ersch und Gruber 51: 68. [Listed.]¹
 Equals *Flata anceps* Germ.
 1851 *Cixius anceps* Walker, List Homop. British Mus. 2: 342. [Listed.]¹ Equals
Flata anceps Germ.
 1859 *Cixius anceps* Dohrn, Cat. Hemip. :60. [Listed.]¹
 1923 *Flata anceps* Sherborn, Index Animalium 2: 298. [Listed.]

apicalis Metcalf

- 1923 *Cixius apicalis* Metcalf, Jour. Elisha Mitchell Soc. 38: Connecticut¹
 182; Figs. 78, 284, 285, 578. [Illustrated, n. sp.]^{1,2} :161. New York²
 [Key.]
 1928 *Cixius apicalis* Metcalf, Mem. Cornell Uni. Agr. Exp. Sta. 101: 177.
 [Listed.]²

apicatus Fowler

- 1904 *Cixius apicatus* Fowler, Biologia Centrali-Americana 1: Guatemala¹
 97; Pl. X, Figs. 28, 28a. [Illustrated, n. sp.]¹

apicimaculatus Distant

- 1920 *Cixius apicimaculatus* Distant, Ann. Mag. Nat. Hist. New Cale-
 (9) 6: 462. [n. sp.]¹ donia¹
 (Melanesia)

aragoensis Distant

- 1920 *Cixius aragoensis* Distant, Ann. Mag. Nat. Hist. (9) 6: New Cale-
 461. [n. sp.]¹ donia¹
 (Melanesia)

arisanus Matsumura

- 1914 *Cixius arisanus* Matsumura, Annot. Zool. Japonenses Formosa¹
 8: 396. [n. sp.]¹
 1915 *Cixius arisanus* Schumacher, Homop.-Fauna Insel Formosa :113.
 [Listed.]¹

artemisiae Becker [nom. nud.]. See *Oliarius quinquecostatus* Dufour.

aspilus Walker

- 1858 *Cixius aspilus* Walker, List. Homop. British Mus. New Zealand¹
 Suppl. :83. [n. sp.]¹
 1874 *Cixius aspilus* Hutton, Trans. New Zealand Inst. 6: 171. [Listed.]
 1879 *Cixius aspilus* White, Ent. Monthly Mag. 15: 216. [Listed.]¹
 1898 *Cixius aspilus* Hutton, Trans. New Zealand Inst. 30: 185. [Key.] :186.
 [Described.]¹
 1904 *Cixius aspilus* Hutton, Index Faunae Novae Zealandiae :225. [Listed.]¹

Cixius

- 1909 *Cixius aspilus* Kirkaldy, Trans. New Zealand Inst. 41: 28. [Listed.]
 1924 *Cixius interior* Myers [nec Walker], Trans. New Zealand Inst. 55: 318; Pl. 20, Figs. 5–6. [Described, illustrated.]¹ Equals *Cixius aspilus* Walk.
 1927 *Cixius aspilus* Myers, Trans. New Zealand Inst. 57: 690. [Synonymy.]¹ Equals *Cixius interior* Myers [nec Walk.].

atavus Schumacher (var.). See *Cixius nervosa* var. *atavus* Schumacher.

australis Walker

- 1851 *Cixius australis* Walker, List Homop. British Mus. 2: Natal
345. [n. sp.]¹
 1851 *Cixius obscurus* Walker, List Homop. British Mus. 2: 347. [n. sp.]¹
 1859 *Cixius australis* Dohrn, Cat. Hemip. :60. [Listed.]¹
 1859 *Cixius obscurus* Dohrn, Cat. Hemip. :60. [Listed.]¹
 1862 *Cixius australis* Stål, Ofv. Svenska Vet. Akad. Forh. 19: 487. Equals
Cixius obscurus Walk.
 1907 *Cixius australis* Distant, Ins. Transvaaliensia 8: 194; Fig. 35. [Listed,
illustrated.]¹ Equals *Cixius obscurus* Walk. [nec Sign.]

basalis Van Duzee

- 1908 *Cixius basalis* Van Duzee, Proc. Acad. Nat. Sci. Phila- New York¹
delphia 1907: 489. [n. sp.]^{1,2} [Key.] Quebec²
 1911 *Cixius basalis* Gibson, Ann. Rept. Ent. Soc. Ontario 41: California³
100. [Food plant.] United
 1916 *Cixius basalis* Van Duzee, Tech. Bull. Univ. California States⁴
Agr. Exp. Sta. 1: 248. [Listed.]^{3,5,9,14} Canada⁵
 1916 *Cixius basalis* Van Duzee, Check List Hemip. America Oregon⁶
:79. [Listed.]^{4,5} Ontario⁷
 1917 *Cixius basalis* Van Duzee, Proc. California Acad. Sci. Connecticut⁸
7: 309. [Listed.]^{3,6} British
 1917 *Cixius basalis* Van Duzee, Cat. Hemip. America :735. Columbia⁹
[Listed.]^{1,2,3,7,9,10,11,12,13,14,15} New
 1920 *Cixius basalis* Britton, Check-List Ins. Connecticut :46. Hampshire¹⁰
[Listed.]⁸ Massa-
 1923 *Cixius basalis* Metcalf, Jour. Elisha Mitchell Soc. 38: chusetts¹¹
162; Figs. 79, 290, 582. [Key, illustrated.] Rhode
 1923 *Cixius basalis* Van Duzee, Fulgoridae Hemip. Connecti- Island¹²
cut :33. [Described, key.]^{4,5,8} Georgia¹³
 1927 *Cixius basalis* Johnson, Biol. Surv. Mount Desert Reg. Colorado¹⁴
1: 33. [Listed.]⁹ Texas¹⁵
 1927 *Cixius basalis* Downes, Proc. Ent. Soc. British Colum- New Jersey¹⁶
bia 23: 21. [Listed.]⁹ Iowa¹⁷
 1928 *Cixius basalis* Dozier, Tech. Bull. Mississippi Agr. Exp. Ohio¹⁸
Sta. 14: 70. [Key.] :71. [Described.]^{1,2,3,7,9,10,11,12,13,14,15,} Maine¹⁹
16,17,18
 1928 *Cixius basalis* Metcalf, Mem. Cornell Uni. Agr. Exp. Sta. 101: 177.
[Listed.]¹
 1930 *Cixius basalis* Hendrickson, Iowa State Jour. Sci. 4: 88. [Ecology.]¹⁷

bicarinata Fabricius. See *Sevia bicarinata* Fabricius.

bicolor Matsumura

- 1914 *Cixius bicolor* Matsumura, Annot. Zool. Japonenses **8**: 395. [n. sp.]¹ Formosa¹
Japan²
- 1915 *Cixius bicolor* Schumacher, Homop.-Fauna Insel Formosa :113. [Listed.]¹
- 1932 *Cixius bicolor* Esaki, Iconographia Insectorum Japonicorum :1773. [Described, illustrated.]²
- 1933 *Cixius bicolor* Kato, Illustrated Insects of Japan **4**: Pl. 11, Fig. 10. [Illustrated.]²

bifasciatus Schrank. See *Cixius heydeni* Kirschbaum.

bipunctata Linné

- 1767 *Cicada bipunctata* Linné, Syst. Nat. **12**: 710. [n. sp.]¹ America¹
- 1775 *Cicada bipunctata* Fabricius, Systema Ent. :682. [Described.]¹ S. America²
Brazil³
- 1778 *Cicada bipunctata* Goeze, Ent. Beyträge **2**: 141. [Listed.]
- 1781 *Cicada bipunctata* Fabricius, Species Ins. **2**: 323. [Described.]²
- 1787 *Cicada bipunctata* Fabricius, Mantissa Insectorum **2**: 268. [Described.]
- 1789 *Cicada bipunctata* Gmelin, Linné Syst. Nat. **1** (4): 2112. [Described.]²
- 1794 *Cicada bipunctata* Fabricius, Entomologia Syst. **4**: 28. [Described.]¹
- 1798 *Flata bipunctata* Fabricius, Suppl. Entomologia Syst. :518. [Described.]¹
Equals *Cicada bipunctata* Linn.
- 1802 *Cicada bipunctata* Turton, Syst. Naturae Linn. :589. [Described.]¹
- 1803 *Flata 2-punctata* Fabricius, Systema Rhyng. :50. [Described.]¹ Equals
Cicada 2-punctata Fabr.
- 1830 *Flata bipunctata* Germar, Thon Archiv **2**: 49. [Described.]² Equals *Cicada bipunctata* Linn.
- 1835 *Cixia bipunctata* Burmeister, Handb. Ent. **2** (1): 158. Equals *Flata bipunctata* Fabr.
- 1850 *Cixius bipunctatus* Schaum, Allg. Ency. Ersch und Gruber **51**: 68. [Listed.]¹ Equals *Cicada bipunctata* Linn. Equals *Flata bipunctata* Fabr.
- 1851 *Cixius bipunctatus* Walker, List Homop. British Mus. **2**: 342. [Listed.]
Equals *Cicada bipunctata* Linn. Equals *Flata bipunctata* Fabr.
- 1859 *Cixius bipunctatus* Dohrn, Cat. Hemip. :60. [Listed.]³
- 1902 *Cicada bipunctata* Sherborn, Index Animalium **1758-1800**: 128. [Listed.]

bohemani Stål. See *Oliarus bohemani* Stål.

brachycranus. Typographical error for *Cixius brachycranus* Scott. See *Cixius intermedius* Scott.

brachycranus Scott. See *Cixius intermedius* Scott.

caffer Stål. See *Oliarus caffer* Stål.

calaeppenae. Typographical error for *Cixius coloepeum* Fitch.

caliginosus Walker. See *Bonneta ferruginea* Walker. Family **ACHILIDAE**.

caudatus Walker. See *Oliarus caudatus* Walker.

centralis Signoret

- 1860 *Cixius centralis* Signoret, Ann. Soc. Ent. France (3) **8**: 186; Pl. 4, Fig. 2. [Illustrated, n. sp.]¹ Reunion Island¹
(Indian Ocean)

Cixius

centralis Matsumura [nec Signoret]. See *Cixius matsumurai* Metcalf.

chilensis Spinola. See *Taracticus chilensis* Spinola. Family ACHILIDAE.

cinctifrons Fitch. See *Catonia cinctifrons* Fitch. Family ACHILIDAE.

cingulatus Matsumura

- 1914 *Cixius cingulatus* Matsumura, Annot. Zool. Japonenses 8: 403. [n. sp.]¹ Hachijo Island¹
(Japan)

citrinus Walker

- 1858 *Cixius citrinus* Walker, List Homop. British Mus. Suppl. :78. [n. sp.]¹ Brazil¹

clarus Melichar

- 1914 *Cixius clarus* Melichar, Notes Leyden Mus. 36: 94. [n. sp.]¹ Java¹

colaepeum. Typographical error for *Cixius coloepeum* Fitch.

colaepius. Typographical error for *Cixius coloepeum* Fitch.

coleopum. Typographical error for *Cixius coloepeum* Fitch.

coeloepium. Typographical error for *Cixius coloepeum* Fitch.

coloepeune. Typographical error for *Cixius coloepeum* Fitch.

collaris Fabricius. See *Plectoderes collaris*. Family ACHILIDAE.

coloepeum Fitch

- 1856 *Cixius coloepeum* Fitch, Third Rept. Ins. New York :452. [n. sp.]¹ New York¹
Penn-
- 1869 *Cixus* [sic] *calaepeune* [sic] Rathvon, Hist. Lancaster sylvania²
Co. Penn. :550. [Listed.]² Quebec³
- 1881 *Cixius colaepeum* [sic] Packard, Bull. United States New
Ent. Comm. 7: 81. [Notes.] Hampshire⁴
- 1890 *Cixius coloepeune* [sic] Smith, Cat. Ins. New Jersey :439. New Jersey⁵
[Listed.] Ohio⁶
- 1890 *Cixius colcopium* [sic] Van Duzee, Psyche 5: 388. Colorado⁷
[Listed.] Eastern
- 1890 *Cixius colaepeum* [sic] Packard, Rept. United States States⁸
Ent. Comm. Dept. Agr. 5: 326. [Notes.] Canada⁹
- 1894 *Cixius coloepeum* [sic] Van Duzee, Bull. Buffalo Soc. Ontario¹⁰
Nat. Sci. 5: 190. [Listed.]¹ Connecticut¹¹
- 1897 *Cixius coloepeum* [sic] Slosson, Ent. News 8: 240. British
[Listed.]¹ Columbia¹²
- 1900 *Cixius colaepeum* [sic] Smith, Ins. New Jersey 2: 88. Maine¹³
[Listed.]^{1,5}
- 1904 *Cixius colaepius* [sic] Wirtner, Ann. Carnegie Mus. 3: 214. [Listed.]²
- 1904 *Cixius coloepeum* Swezey, Prelim. Cat. Fulgoridae North America :26.
[Listed.]^{1,6}
- 1905 *Cixius coloepeum* [sic] Van Duzee, Bull. New York State Mus. 97: 552.
[Listed.]¹

- 1906 *Cixius coloepeum* [sic] Van Duzee, Canadian Ent. **38**: 408. [Key.]
 1906 *Cixius coleopium* [sic] Felt. Mem. 8 New York St. Mus. **2**: 717. [Notes.]¹
 1908 *Cixius coloepeum* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia **1907**:
 490. [Notes.]^{1,7}:489. [Key.]
 1910 *Cixius colaepeum* [sic] Smith, Rept. Ins. New Jersey :95. [Listed.]
 1916 *Cixius coloepeum* Van Duzee, Check List Hemip. America :79. [Listed.]^{8,9}
 1917 *Cixius coloepeum* [sic] Van Duzee, Cat. Hemip. America :735. [Listed.]^{1,2,}
 4,6,7,10
 1920 *Cixius coloepeum* Britton, Check-List Ins. Connecticut :46. [Listed.]¹¹
 1922 *Cixius coloepeum* [sic] Crampton, Bull. Brooklyn Ent. Soc. **17**: Fig. 10.
 [Genitalia, illustrated.]
 1923 *Cixius coloepeum* [sic] Metcalf, Jour. Elisha Mitchell Soc. **38**: 162; Figs.
 289, 476, 581. [Key, illustrated.]
 1923 *Cixius coloepeum* [sic] Van Duzee, Fulgoridae Hemip. Connecticut :34.
 [Described.]^{1,7,10,11}:33. [Key.]
 1927 *Cixius coloepeum* [sic] Downes, Proc. Ent. Soc. British Columbia **23**: 21.
 [Listed.]¹²
 1927 *Cixius coloepeum* [sic] Johnson, Biol. Surv., Mount Desert Reg. **1**: 33.
 [Listed.]¹³
 1928 *Cixius coloepeum* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 70.
 [Key.]
 1928 *Cixius coloepeum* [sic] Metcalf, Mem. Cornell Uni. Agr. Exp. Sta. **101**:
 177. [Listed.]¹
 1932 *Cixius coloepeum* [sic] Walley, Canadian Ent. **64**: 155. [Listed.]³

coloepeum. Typographical error for *Cixius coloepeum* Fitch.

colombiae Walker. See *Mnemosyne planiceps* Fabricius.

comptus Fowler

- 1904 *Cixius comptus* Fowler, Biologia Centrali-Americana Mexico¹
1: 96; Pl. X, Figs. 26, 26a. [Illustrated, n. sp.]¹

confinis Zetterstedt. See *Cixidia confinis* Zetterstedt. Family ACHILIDAE.

contaminata Germar. See *Cixius pilosa* Olivier.

contaminatus Flor. See *Cixius stigmatica* Germar.

contaminatus Kirschbaum. See *Cixius pilosa* Olivier.

contaminatus Herrich-Schäffer. See *Cixius pilosa* var. *albicincta* Germar.

contaminatus var. *albicinctus* Germar. See *Cixius pilosa* var. *albicincta* Germar.

crambiformis Germar

- 1830 *Flata crambiformis* Germar, Thon Archiv **2**: 49. [n. sp.]¹ Southern
 1835 *Flata crambiformis* Herrich-Schäffer, Nom. Ent. **1**: 105. France¹
 [Listed.] Europe²
 1850 *Cixius crambiformis* Schaum, Allg. Ency. Ersch und
 Gruber **51**: 68. [Listed.]² Equals *Flata crambiformis* Germ.

cultus Ball

- 1902 *Cixius cultus* Ball, Canadian Ent. **34**: 151. [n. sp.]^{1,2,3} California¹

Cixius

- 1904 *Cixius cultus* Swezey, Prelim. Cat. Fulgoridae North America :26. [Listed.]^{2,3,1} Kansas²
Colorado³
- 1908 *Cixius cultus* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia 1907: 488. [Key.] Western States⁴
- 1914 *Cixius cultus* Van Duzee, Trans. San Diego Soc. Nat. Hist. 2: 37. [Listed.]¹ Utah⁵
- 1916 *Cixius cultus* Van Duzee, Check List Hemip. America :79. [Listed.]⁴
- 1917 *Cixius cultus* Van Duzee, Proc. California Acad. Sci. 7: 309. [Listed.]⁴
- 1917 *Cixius cultus* Van Duzee, Cat. Hemip. America :736. [Listed.]^{2,3,1}
- 1923 *Cixius cultus* Metcalf, Jour. Elisha Mitchell Soc. 38: 161; Fig. 286. [Key, illustrated.]
- 1926 *Cixius cultus* Essig, Ins. Western North America :217. [Notes.]^{1,2,3}
- 1928 *Cixius cultus* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 70. [Key.]
- 1929 *Cixius cultus* Knowlton, Florida Ent. 13: 50. [Listed.]⁵

cunicularia Linné

- 1767 *Cicada cunicularia* Linné, Syst. Nat. 12: 711. [n. sp.] Denmark¹
- 1773 *Cicada nervoso-punctata* De Geer, Mém. Hist. Ins. 3: 182; Pl. 12, Figs. 1-5. [n. sp., illustrated.] Equals *Cicada nervosa* Linn. [error.] India²
Germany³
Sweden⁴
- 1775 *Cicada cynosbatis* Fabricius, Systema Ent. :686. [n. sp.]¹ Lapland⁵
- 1775 *Cicada cunicularia* Fabricius, Systema Ent. :683. [Described.]² Great Britain⁶
- 1778 *Cicada cynosbatis* Goeze, Ent. Beyträge 2: 158. [Listed.] Ireland⁷
- 1778 *Cicada nervoso-punctata* Goeze, Ent. Beyträge 2: 136. To *Cicada nervosa* Linn. [error.] Europe⁸
Russia⁹
- 1780 *Cicada nervoso-punctata* Goeze De Geer's Abh. Gesch. Ins. 3: 117; Pl. 12, Figs. 1-5. [Described, illustrated.] France¹⁰
England¹¹
Finland¹²
- 1781 *Cicada cynosbatis* Fabricius, Species Ins. 2: 327. [Described.]¹ Norway¹³
Belgium¹⁴
- 1781 *Cicada cunicularia* Fabricius, Species Ins. 2: 323. [Described.]² Italy¹⁵
Moravia¹⁶
- 1781 *Cicada nervoso-punctata* Fabricius, Species Ins. 2: 327. To *Cicada nervosa* Linn. [error.] Bohemia¹⁷
British Isles¹⁸
- 1783 *Cicada nervoso-punctata* Retzius, Gen. et Sp. Ins. :82. [Described.] Equals *Cicada nervosa* Linn. [error.] Austria¹⁹
Hungary²⁰
- 1787 *Cicada cynosbatis* Fabricius, Mantissa Ins. 2: 272. [Described.] Prussia²¹
Crimea²²
- 1787 *Cicada cunicularia* Fabricius, Mantissa Ins. 2: 268. [Described.] Algeria²³
Rumania²⁴
- 1789 *Cicada cynosbato*s [sic] Gmelin, Linné Syst. Nat. 1 (4): 2108. [Described.]¹ Livonia²⁵
Spain²⁶
- 1789 *Cicada cunicularia* Gmelin, Linné Syst. Nat. 1 (4): 2114. [Described.]² Siberia²⁷
South
- 1789 *Cicada nervoso-punctata* Gmelin, Linné Syst. Nat. 1 (4): 2105. To *Cicada nervosa* Linn. [error.] Russia²⁸
Netherlands²⁹

- 1791 *Cicada nervoso-punctata* Olivier, Enc. Meth. 6: 575. To Switzerland³⁰
Fulgora nervosa Linn. [error.] Czecho-
- 1794 *Cicada cunicularia* Fabricius, Entomologia Syst. 4: 30. slovakia³¹
[Described.]²
- 1794 *Cicada cynosbatis* Fabricius, Entomologia Syst. 4: 41. [Described.]¹
- 1796 *Cercopis dionysii* Panzer, Faunae Ins. Germanica 34: 24. [n. sp., illus-
trated.]³
- 1796 *Flata cunicularia* Panzer, Faunae Ins. Germanica 34: 21. [Described,
illustrated.] Equals *Cicada cunicularia* [sic] Linn. Equals *Cercopis*
dionysii Panz.
- 1802 *Cicada cunicularia* Turton, Syst. Naturae Linn. :590. [Described.]²
- 1802 *Cicada cynosbatis* Turton, Syst. Naturae Linn. 2: 596. [Described.]¹
- 1803 *Flata cynosbatis* Fabricius, Systema Rhyng. :54. [Described.]¹ Equals
Cicada cynosbatis Fabr. Equals *Cercopis dionysii* Panz.
- 1803 *Flata cunicularia* Fabricius, Systema Rhyng. :55. [Described.]³ Equals
Cicada cunicularia Linn.
- 1804 *Cixius dionysii* Latreille, Hist. Nat. Ins. 12: 310. [Described.]^{1,3} Equals
Flata cynosbatis Fabr.
- 1806 *Delphax cynosbatis* Fallén, Vet. Akad. Handl. 27: 126. [Described.] Equals
Cicada cynosbatis Fabr. Equals *Cicada leporina* Linn. [error.] Equals
Flata cynobatis Fabr.
- 1806 *Cicada dionysii* Fallén, Vet. Akad. Handl. 27: 125. To *Delphax nervosa*
Linn. [error.]
- 1807 *Cixius cunicularia* Latreille, Genera Crust. et Ins. 3: 166. [Listed.] Equals
Flata cunicularia Fabr.
- 1807 *Cixius cynosbatis* Latreille, Genera Crust. et Ins. 3: 166. [Listed.] Equals
Flata cynosbatis Fabr.
- 1809 *Flata cynosbatis* Panzer, Deutschland Ins. 103: 6. To *Flata nervosa* Linn.
[error.]
- 1818 *Flata cunicularia* Germar, Mag. Ent. 3: 195. [Described.] Equals *Cicada*
cunicularia Linn. Equals *Cercopis dionysii* Panz. Equals *Cicada nervoso-*
punctata De G.
- 1820 *Cixius cynosbatis* Billberg, Enum. Ins. :72. [Listed.]⁴
- 1826 *Flata cunicularia* Fallén, Hemip. Sueciae :72. Equals *Cicada cunicularia*
Linn. Equals *Cercopis dionysii* Panz. Equals *Delphax cynosbatis* Fall.
- 1826 *Cicada cynosbatis* Fallén, Hemip. Sueciae :72. To *Flata nervosa* Linn. [error.]
- 1828 *Cercopis dionysii* Zetterstedt, Fauna Ins. Lapponica :546. To *Cixius*
nervosus Linn. [error.]
- 1828 *Cicada cunicularia* Zetterstedt, Fauna Ins. Lapponica :546. To *Cixius*
nervosus Linn. [error.]
- 1828 *Flata cunicularia* Zetterstedt, Fauna Ins. Lapponica :546. To *Cixius*
nervosus Linn. [error.]
- 1828 *Lystra cunicularia* Zetterstedt, Fauna Ins. Lapponica :546. To *Cixius*
nervosus Linn. [error.]
- 1828 *Cixius cynosbatis* Zetterstedt, Fauna Ins. Lapponica :547. [Described.]⁵
Equals *Flata cynosbatis* Fabr. Equals *Cicada leporina* Linn. [error.]
Equals *Delphax cynosbatis* Fall.

Cixius

- 1828 *Cixius dionysii* Boitard, Man. Ent. Hist. Nat. Ins. 2: 155. [Described.]³
Equals *Flata cynosbatis* Fabr.
- 1829 *Cixius cynosbati* [sic] Curtis, Guide Arrang. British Ins. :194. [Listed.]^{6,7}
- 1829 *Cixius dionysii* Curtis, Guide Arrang. British Ins. :194. [Listed.]^{6,7}
- 1829 *Cixius cunicularius* Curtis, Guide Arrang. British Ins. :194. [Listed.]^{6,7}
- 1829 *Cixius cunicularius* Stephens, Cat. British Ins. :356. [Listed.]¹¹ Equals
Cicada cunicularia Linn.
- 1829 *Cixius cynosbati* Stephens, Cat. British Ins. :356. [Listed.]¹¹ Equals *Flata*
cynosbati Fabr. Equals *Cercopis dionysii* Panz.
- 1830 *Cixius cynosbati* Eichwald, Zool. Spec. :229. [Described.]⁸
- 1830 *Flata cunicularia* Germar, Thon Archiv 2: 48. [Described.]^{3,10} Equals
Delphax nervosa Fall. [error.] Equals *Cicada nervosa-punctata* De G.
Equals *Cicada cunicularia* Fabr. Equals *Cercopis dionysii* Panz.
- 1830 *Flata cynosbatis* Germar, Thon Archiv 2: 48. To *Flata nervosa* Linn.
[error.]
- 1830 *Delphax cynosbati* Germar, Thon Archiv 2: 49. To *Flata albicincta* Germ.
[error.]
- 1833 *Flata cunicularia* Germar, Rev. Ent. Silbermann 1: 175. [Listed.]
- 1834 *Cixius cynosbati* Guérin-Méneville, Voyage aux Indes Belanger 1: 464.
Equals *Flata cynosbati* Fabr.
- 1834 *Cixius cunicularius* Guérin-Méneville, Voyage aux Indes Belanger 1: 464.
Equals *Flata cunicularia* Fabr.
- 1835 *Flata nervosa cunicularia* Herrich-Schäffer, Nom. Ent. 1: 105. [Listed.]
Equals *Flata cunicularia* Fabr. Equals *Cicada cunicularia* Linn. Equals
Cercopis dionysii Panz. Equals *Cicada nervoso-punctata* De G.
- 1835 *Cixius cunicularia* Burmeister, Handb. Ent. 2 (1): 157. [Described.]³
Equals *Cicada cunicularia* Linn. Equals *Flata cunicularia* Fabr. Equals
Cercopis dionysii Panz. Equals *Delphax nervosa* Fall. [error.]
- 1835 *Flata cynosbati* Herrich-Schäffer, Nom. Ent. 1: 105. [Listed.]
- 1835 *Cicada cynosbati* Herrich-Schäffer, Nom. Ent. 1: 102. To *Flata cynosbati*
Germ.
- 1835 *Flata dionysii* Herrich-Schäffer, Nom. Ent. 1: 105. [Listed.]
- 1835 *Delphax cynosbati* Herrich-Schäffer, Nom. Ent. 1: 105. To *Flata albi-*
cincta Germ. [error.]
- 1835 *Cixius cynosbati* Herrich-Schäffer, Nom. Ent. 1: 105. To *Flata con-*
taminatus Germ. [error.]
- 1835 *Flata cynosbati* Herrich-Schäffer, Nom. Ent. 1: 105. To *Flata nervosa*
Linn. [error.]
- 1835 *Flata cynosbati* Burmeister, Handb. Ent. 2 (1): 157. To *Cixia nervosa*
Linn. [error.]
- 1835 *Delphax cynosbati* Burmeister, Handb. Ent. 2 (1): 158. To *Cixia albi-*
cincta Germ. [error.]
- 1837 *Cixius cynosbati* [sic] Curtis, Guide Arrang. British Ins. Ed. 2: 223.
[Listed.]^{6,7}
- 1837 *Cixius dionysii* Curtis, Guide Arrang. British Ins. Ed. 2: 223. [Listed.]⁶
- 1837 *Cixius cunicularius* Curtis, Guide Arrang. British Ins. Ed. 2: 223.
[Listed.]⁶

- 1837 *Cixius cynosbatis* Curtis, British Ent. **14**: Pl. 673. [Listed.]
 1837 *Cixius cunicularius* Curtis, British Ent. **14**: Pl. 673. [Listed.]¹¹ Equals *Cicada nervoso-punctata* De G.
 1837 *Cixius dionysii* Curtis, British Ent. **14**: Pl. 673. [Described, illustrated.]¹¹
 1837 *Flata cynosbatis* Gistel, Cicaden München :107 (12). [Listed.]³
 1837 *Flata cunicularia* Gistel, Cicaden München :107 (12). [Listed.]³
 1839 *Flata nervosa cunicularia* Spinola, Ann. Soc. Ent. France **8**: 139. [Listed.]
 1840 *Cixius cynosbatis* Zetterstedt, Ins. Lapponica Desc. :304. [Described.]⁵ Equals *Flata cynosbatis* Fabr. Equals *Delphax cynosbatis* Fall. Equals *Cicada leporina* Linn. [error.] Equals *Flata cunicularia* Fall.
 1840 *Cixia cunicularia* Blanchard, Hist. Nat. Ins. Hémip. **3**: 174. [Described.]⁸ Equals *Cicada cunicularia* Linn. Equals *Flata cunicularia* Fabr. Equals *Cercopis dyomia* [sic] Panz. Equals *Delphax nervosa* Fall.
 1840 *Cixius cunicularis* [sic] Westwood, Syn. Genera British Ins. :115. [Listed.]
 1840 *Delphax cynosbatis* Blanchard, Hist. Nat. Ins. Hémip. **3**: 174. To *Cixia albicincta* Germ. [error.]
 1840 *Flata cynosbatis* Blanchard, Hist. Nat. Ins. Hémip. **3**: 173. To *Cixia nervosa* Linn. [error.]
 1840 *Cicada cunicularia* Zetterstedt, Ins. Lapponica Desc. :304. To *Cixius nervosus* Linn. [error.]
 1840 *Flata cunicularia* Zetterstedt, Ins. Lapponica Desc. :304. To *Cixius nervosus* Linn. [error.]
 1840 *Lystra cunicularia* Zetterstedt, Ins. Lapponica Desc. :304. To *Cixius nervosus* Linn. [error.]
 1840 *Cercopis dionysii* Zetterstedt, Ins. Lapponica Desc. :304. To *Cixius nervosus* Linn. [error.]
 1843 *Cixius dionysii* Boitard, Nouveau Man. Ent. **3**: 83. [Described.]³ Equals *Flata synosbatis* [sic] Fabr.
 1843 *Flata cynosbatis* Amyot and Serville, Hist. Nat. Ins. Hémip. :508. To *Cixius nervosus* Linn. [error.]
 1843 *Cicada nervoso-punctata* Amyot and Serville, Hist. Nat. Ins. Hémip. :508. To *Cixius nervosus* Linn. [error.]
 1846 *Cixia cunicularia* Gimmerthal, Corr. Nat. Riga **1**: 27. [Listed.]⁹
 1847 *Cicada cynosbatis* Amyot, Ann. Soc. Ent. France (2) **5**: 165. To *Cixius nervosus* Linn. [error.]
 1847 *Cixius cunicularius* [non binom.] Amyot, Ann. Soc. Ent. France (2) **5**: 165. [Described.]¹⁰ Equals *Flata dyonysii* [sic] Panz. Equals *Cicada cunicularius* Linn.
 1848 *Cicada cynosbatis* Amyot, Méth. Mon. :361. To *Cixius nervosus* Linn. [error.]
 1848 *Cixius cunicularius* [non binom.] Amyot, Méth. Mon. :361. [Described.]¹⁰ Equals *Cicada cunicularius* Linn. Equals *Flata dyonysii* [sic] Panz.
 1850 *Cixia cunicularia* Blanchard, Hist. Nat. Ins. **3** (1): 174. [Described.]⁸ Equals *Cicada cunicularia* Linn. Equals *Flata cunicularia* Fabr. Equals *Cercopis dyomia* [sic] Panz. Equals *Delphax nervosa* Fall. [error.]
 1850 *Flata cynosbatis* Blanchard, Hist. Nat. Ins. **3** (1): 173. To *Cixia nervosa* Linn. [error.]

- 1850 *Delphax cynosbatis* Blanchard, Hist. Nat. Ins. 3 (1): 174. To *Cixia albicincta* Germ. [error.]
- 1850 *Cixius cunicularius* Boheman, Vet. Akad. Handl. 1849: 256. [Listed.]⁴
- 1850 *Cixius dorsalis* Hardy, Trans. Tyneside Nat. Club 1: 430. [n. sp.]¹¹
- 1850 *Flata cynosbatis* Schaum, Allg. Ency. Ersch und Gruber 51: 68. To *Cixius nervosus* Linn. [error.]
- 1850 *Cixius cynosbatis* Schaum, Allg. Ency. Ersch und Gruber 51: 68. To *Cixius contaminatus* Germ. [error.]
- 1850 *Delphax cynosbatis* Schaum, Allg. Ency. Ersch und Gruber 51: 68. To *Cixius contaminatus* Germ. [error.]
- 1850 *Cixius cunicularius* Schaum, Allg. Ency. Ersch und Gruber 51: 68. [Listed.]⁸ Equals *Cicada cunicularius* Linn. Equals *Flata cunicularius* Fabr. Equals *Cicada nervoso-punctata* De G. Equals *Cercopis dionysii* Panz. Equals *Delphax nervosa* Fall. [error.]
- 1850 *Cixius cunicularius* Dahlbom, Vet. Akad. Handl. 1850: 204. [Listed.]⁴
- 1851 *Cicada cynosbatis* Walker, List Homop. British Mus. 2: 341. To *Cixius nervosus* Linn. [error.]
- 1851 *Flata cynosbatis* Walker, List Homop. British Mus. 2: 341. To *Cixius nervosus* Linn. [error.]
- 1851 *Delphax cynosbatis* Walker, List Homop. British Mus. 2: 340. To *Cixius albicinctus* Germ. [error.]
- 1851 *Cixius cunicularis* [sic] Walker, List Homop. British Mus. 2: 340. [Listed.]^{10,11} Equals *Cicada cunicularia* Linn. Equals *Flata cunicularia* Fabr. Equals *Cercopis dionysii* Panz. Equals *Cixius dionysii* Curt. Equals *Cercopis nervoso-punctata* De G. Equals *Delphax nervosa* Fall. [error.] Equals *Dionysius* Amyot. Equals *Cixia cunicularia* Burm.
- 1851 *Cixius dorsalis* Walker, List Homop. British Mus. 2: 341. [Listed.]¹¹
- 1852 *Cixius cynosbatis* Walker, List Homop. British Mus. 4 Suppl. :1135. To *Cixius nervosus* Linn. [error.]
- 1859 *Cixius cunicularius* Dohrn, Cat. Hemip. :60. [Listed.]⁸ Equals *Cixius dionysii* Panz. Equals *Cixius nervoso-punctata* De G. Equals *Cixius cunicularis* [sic] Latr. Equals *Cixius nervosus* Fall. [error.]
- 1859 *Cixius dorsalis* Dohrn, Cat. Hemip. :60. [Listed.]¹¹
- 1859 *Cixius cynosbatis* Dohrn, Cat. Hemip. :60. To *Cixius nervosus* Linn. [error.]
- 1859 *Cixius cynosbatis* Dohrn, Cat. Hemip. :60. To *Cixius albicinctus* Latr. [error.]
- 1860 *Cixius dorsalis* Walker, List British Hemip. :16. To *Cixius albicinctus* Germ. [error.]
- 1860 *Cixius cunicularius* Walker, List British Hemip. :16. [Listed.]¹¹ Equals *Cixius dionysii* Panz.
- 1861 *Cixius nervosus* Flor [nec Linné], Rhynch. Livlands :22. [Female described.] Equals *Cixia cunicularia* Burm. Equals *Flata cynosbatis* Fabr. Equals *Flata cunicularia* Fabr. Equals *Cicada cunicularia* Linn. Equals *Cicada nervoso-punctata* De G.
- 1861 *Flata cunicularia* Flor, Rhynch. Livlands 2: 24. To *Cixius contaminatus* Germ. [error.]

- 1861 *Cixius cynosbatis* Flor, Rhynch. Livlands 2: 24. To *Cixius contaminatus* Germ. [error.]
- 1862 *Cixius cynosbatis* Curtis, Homop. British Ent. :Pl. 673. [Listed.]
- 1862 *Cixius cunicularius* Curtis, Homop. British Ent. :Pl. 673. [Listed.]¹¹ Equals *Cicada nervoso-punctata* De G.
- 1862 *Cixius dionysii* Curtis, Homop. British Ent. :Pl. 673. [Described, illustrated.]¹¹
- 1862 *Cixius cunicularius* Graaf, Six, Snellen van Vollenhoven, Tijdschr. Ent. 5: 76. [Listed.]
- 1864 *Cixius nervosus cunicularius* Marshall, Ent. Monthly Mag. 1: 154. [Described.]¹¹ Equals *Cixius dionysii* Panz.
- 1864 *Cixius nervosus dionysii* Marshall, Ent. Monthly Mag. 1: 154. [Described.]¹¹
- 1864 *Cixius cunicularius* Marshall, Ent. Monthly Mag. 1: 154. To *Cixius nervosus* Linn. [error.]
- 1864 *Cixius dionysii* Marshall, Ent. Monthly Mag. 1: 154. To *Cixius nervosus* Linn. [error.]
- 1868 *Cixius eurypterus* Kirschbaum, Cicad. Wiesbaden :46. [n. sp.]³
- 1868 *Cixius nervosus* Kirschbaum, [nec Linné], Cicad. Wiesbaden :47. [Female, described.]^{30,3}
- 1869 *Cixius cunicularius* Lethierry, Cat. Hémip. du Nord :353. [Listed.]¹⁰
- 1870 *Cixius cunicularius* Scott, Ent. Monthly Mag. 7: 121. [Key.] :122. [Described.]¹¹ Equals *Flata cunicularia* Fabr. Equals *Cercopis dionysii* Panz. Equals *Cixia cunicularia* Burm. Equals *Cixius dionysii* Curt. Equals *Cixius nervosus* Flor. Equals *Cixius dorsalis* Hardy.
- 1870 *Cicada cunicularia* Scott, Ent. Monthly Mag. 7: 146. To *Cixius nervosus* Linn. [error.]
- 1870 *Cixius cunicularius* Wallengren, Ofv. Svenska Vet. Akad. Forh. 1870: 181. [Listed.]⁴
- 1871 *Cixius cunicularis* [sic] Staveley, British Insects :301. [Notes.]
- 1871 *Cixius cunicularius* Sahlberg, Not. Fenn. (n. s.) 9 (12): 380. [Described.]¹² Equals *Cicada cunicularius* Linn. Equals *Flata cunicularius* Germ. Equals *Cixia cunicularius* Burm. Equals *Cicada nervoso-punctata* De G. Equals *Flata nervosa* Fall. Equals *Cixius nervosus* Kb.
- 1871 *Delphax cynosbatis* Sahlberg, Not. Fenn. (n. s.) 9 (12): 382. To *Cixius distinguendus* [sic] Kb. [error.]
- 1871 *Cixius cynosbatis* Sahlberg, Not. Fenn. (n. s.) 9 (12): 382. To *Cixius distinguendus* [sic] Kb. [error.]
- 1871 *Flata cunicularia* Sahlberg, Not. Fenn. (n. s.) 9 (12): 382. To *Cixius distinguendus* [sic] Kb. [error.]
- 1871 *Cixius cunicularius* Brischke, Verz. Wanzen und Zirpen Prov. Preussen :13. [Listed.]²¹
- 1872 *Cixius dorsalis* Fieber, Kat. Europäischen Cicad. :3. [Listed.]⁷
- 1872 *Cixius cunicularius* Fieber, Kat. Europäischen Cicad. :3. [Listed.]⁸ Equals *Cixius dionysi* Panz. Equals *Cixius cynosbatis* Fabr. Equals *Cixius nervosus* Flor. Equals *Cixius eurypterus* Kb.
- 1872 *Cixius cunicularius* Fieber, Verh. Zool. Bot. Ges. Wien 22: 29. Equals

- Cixius nervosus* [female] Kb. [nec Linn.] Equals *Cixius eurypterus* Kb.
- 1874 *Cixius cunicularius* Siebke, Enum. Ins. Norvegicorum :39. [Listed.]¹³
- 1874 *Cixius cunicularius* Lethierry, Cat. Hé mip. Dept. du Nord 2 Ed. :256 (52). [Listed.]¹⁰
- 1875 *Cixius cunicularius* Puton, Cat. Hé mip. d'Europe 2d. E. :113. [Listed.]⁸
 Equals *Cixius nervosopunctatus* De G. Equals *Cixius dionysii* Panz.
 Equals *Cixius cynosbatis* Fabr. Equals *Cixius nervosus* Flor. Equals
Cixius eurypterus Kb. Equals *Cixius? dorsalis* Hardy.
- 1876 *Cixius cunicularius* Douglas and Scott, Cat. British Hemip. :65. [Listed.]⁶
 Equals *Cixius dionysii* Curt. Equals *Flata cunicularia* Fabr. Equals
Cercopis dionysii Panz. Equals *Cixia cunicularia* Burm. Equals *Cixius*
nervosus Flor. Equals *Cixius dorsalis* Hardy.
- 1876 *Cicada cunicularia* Douglas and Scott, Cat. British Hemip. :65. To
Cixius nervosus Linn. [error.]
- 1876 *Cixius cunicularius* Fieber, Cicad. d'Europe Pt. 2: 191 (181). [Key.]⁸
- 1876 *Cixius cunicularius vulgaris* Fieber, Cicad. d'Europe Pt. 2: 189 (179).
 [var. n.] :190 (180). Equals *Cicada cunicularia* Linn. Equals *Flata cunicu-*
laria Fabr. Equals *Flata (Cercopis) dionysi* Panz. Equals *Flata cynosbatis*
 Fabr. Equals *Cixius nervosus* Flor. Equals *Cixius eurypterus* Kb. Equals
Cixia cunicularia Burm.
- 1878 *Cixius cunicularius* Dale, History of Glanville's Wootton :304. [Listed.]¹¹
- 1878 *Cixius cunicularius* Lethierry, Ann. Soc. Ent. Belgique 21: 36. [Listed.]¹⁴
- 1879 *Cixius cunicularius* Norman, Ent. Monthly Mag. 15: 255. [Listed.]¹¹
- 1880 *Cixius cunicularius* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21:
 53. [Listed.]¹⁰
- 1880 *Cixius cunicularius* Reuter, Medd. Soc. Fauna Fl. Fennica 5: 195.
 [Listed.]
- 1880 *Cixius cunicularius* Norman, Ent. Monthly Mag. 16: 213. [Listed.]¹¹
- 1881 *Cixius cunicularius* Mayr, Ber. Natur.-Med. Ver. Innsbruck 10: 84 (8).
 [Listed.]¹⁹
- 1882 *Cixius cunicularius* Ferrari, Cicad. Agri Ligustici :80 (8). [Key. Listed.]¹⁵
 :81 (9). Equals *Cicada cunicularius* Linn. Equals *Flata dionysii* Panz.
 Equals *Cixius eurypterus* Kb.
- 1883 *Cixius cunicularius* Karsch, Insektenwelt :650. [Described.]
- 1884 *Cixius cunicularius* Mayr, Tabellen :17. [Listed.]⁸
- 1884 *Cixius cunicularius* Edwards, Trans. Nat. Soc. Norwich 3: 713. [Listed.]¹¹
- 1885 *Cixius cunicularius* Ivanoff, Liste des Cigales :109. [Key.]
- 1885 *Cixius cunicularius* Kirby, Elem. Text-book Ent. 1st. Ed. :248; Pl. 79,
 Fig. 4. [Notes, illustrated.]¹¹
- 1885 *Cixius cunicularius dionysii* Kirby, Elem. Text-book Ent. 1st. Ed. :248.
 [Notes.]¹¹ Equals *Cixius dionysii* Curt.
- 1886 *Cixius cunicularius* Edwards, Syn. British Homop.-Cicadina Pt. 1: 51.
 [Key.] :53. [Described.]⁶ Equals *Cicada cunicularia* Linn. Equals *Flata*
cunicularia Fabr. Equals *Cercopis dionysii* Panz. Equals *Cixia cunicularia*
 Burm. Equals *Cicada nervoso-punctata* De G. Equals *Flata nervosa* Fall.
 [error.] Equals *Cixius dionysii* Curt. Equals *Cixius nervosus* Kb. [in part.]

- 1886 *Cicada cunicularia* Edwards, Syn. British Homop.-Cicadina Pt. 1: 54. To *Cixius nervosus* Linn. [error.]
- 1886 *Cixius cunicularius* Then, Kat. österreichischen Cicad. :10. [Listed.]^{8,19,32}
- 1886 *Cixius cunicularius* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]⁸ Equals *Cixius nervosopunctatus* De G. Equals *Cixius dionysii* [sic] Panz. Equals *Cixius cynosbatis* Fabr. Equals *Cixius nervosus* Flor. Equals *Cixius eurypterus* Kb. Equals *Cixius dorsalis* Hardy.
- 1887 *Cixius cunicularius* Fauvel, Rev. Ent. 6: 16. [Listed.]¹⁰
- 1888 *Cixius cunicularius* Edwards, Ent. Monthly Mag. 25: 101. [Key.] :100. [Listed.]⁶
- 1888 *Cixius cunicularius* Dubois, Mém. Soc. Linn. Nord France 7: 153 (57). [Listed.]¹⁰
- 1890 *Cixius cunicularius* Buckton, Mon. British Cicadae 1: 19; Pl. VI, Figs. 7-11. [Described, illustrated.]⁶ Equals *Cicada cunicularia* Linn. Equals *Cicada nervoso-punctata* De G. Equals *Flata cunicularia* Fabr. Equals *Flata nervosa* Fall. [error.] Equals *Cercopis dionysii* Panz. Equals *Cixia cunicularia* Burm. Equals *Cixius dionysii* Curt. Equals *Cixius nervosus* Kb. :24. [Key.]
- 1890 *Cicada cunicularia* Buckton, Mon. British Cicadae 1: 18. To *Cixius nervosus* Linn. [error.]
- 1890 *Cixius cunicularius* Funk, Ber. Nat. Ges. Bamburg 15: 139. To *Cixius pilosus* Oliv. [error.]
- 1890 *Cixius cunicularis* [sic] Saunders and Edwards, Cat. British Hemip. : 11. [Listed.]⁶
- 1892 *Cixius cunicularius* Kirby, Elem. Text-book Ent. 2nd Ed. :248; Pl. 79, Fig. 4. [Described, illustrated.]¹¹
- 1892 *Cixius cunicularius* Ferrari, Ann. Mus. Genova (2) 12: 568 (20). [Listed.]¹⁵
- 1892 *Cixius cunicularius* Spitzner, Hemip. Mährens :(26). [Listed.]¹⁶
- 1892 *Cixius cunicularius* Duda, Cat. Ins. Faunae Bohemicae :27. [Listed.]¹⁷ Equals *Cixius nervoso-punctatus* De G. Equals *Cixius dionysii* [sic] Panz. Equals *Cixius cynosbatis* Fabr. Equals *Cixius nervosus* Flor. Equals *Cixius eurypterus* Kb.
- 1892 *Cixius cunicularius* Lethierry, Rev. Hémip. Belgique :21. [Listed.]¹⁴
- 1892 *Cixius cunicularius* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]¹⁴
- 1892 *Cixius cunicularius dionysii* Kirby, Elem. Text-book Ent. 2nd Ed. :248. [Notes.]¹¹ Equals *Cixius dionysii* Curt.
- 1893 *Cixius cunicularius* Bezzi, Bull. Soc. Ent. Italiana 25: 107 (27). [Listed.]¹⁵
- 1894 *Cixius cunicularius* Edwards, Hemip.-Homop. British Islands Pt. 1: 25; Pl. 3, Fig. 8. [Described, illustrated.]¹⁸ :24. [Key.]
- 1894 *Cixius cunicularius dionysii* Edwards, Hemip.-Homop. British Islands Pt. 1: 25. [Described.]¹⁸
- 1896 *Cixius cunicularius* Melichar, Cicad. Mittel-Europa :25. [Described.]^{3,8,15,19} Equals *Cicada cunicularius* Linn. Equals *Flata cunicularius* Fabr. Equals *Cixia cunicularius* Burm. Equals *Flata dionysii* Panz. Equals *Cixius nervosus* Flor. Equals *Cixius eurypterus* Kb. :22. [Key.]

Cixius

- 1897 *Cixius cunicularius* Horváth, Fauna Regni Hungariae :54. [Listed.]²⁰
- 1899 *Cixius cunicularius* Puton, Cat. Hémipt. Faune Pal. :103. [Listed.]⁸
 Equals *Cixius nervoso-punctatus* De G. Equals *Cixius dionysii* [sic] Panz.
 Equals *Cixius cynosbatis* Fabr. Equals *Cixius nervosus* Flor. Equals
Cixius eurypterus Kb. Equals *Cixius? dorsalis* Hardy.
- 1900 *Cixius cunicularius* Fokker, Tijdschr. Ent. 42: 14. [Listed.]⁹ :24.
 [Listed.]²³
- 1901 *Cixius cunicularius* Lambertie, Act. Soc. Linn. Bordeaux 56: (86).
 [Listed.]¹⁰
- 1901 *Cixius cunicularius* Leonardi, Gli Insetti 4: 133. [Described.] Equals
Cicada cunicularia. Equals *Flata cunicularia*. Equals *Cixia cunicularia*.
 Equals *Cercopis dionysii*. Equals *Cixius dionysii*. Equals *Delphax nervosa*.
 Equals *Dionysius* Amyot.
- 1902 *Cicada cunicularia* Sherborn, Index Animalium 1758-1800: 271. [Listed.]
- 1902 *Cixius cunicularis* [sic] Cobelli, Cicadine Trentino :7. [Listed.]¹⁵
- 1903 *Cixius cunicularius* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 58.
 [Listed.]¹⁹
- 1904 *Cixius cunicularius* Hueber, Syst. Verz. deutschen Zikadinen :267.
 [Listed.]⁸ Equals *Cixius nervoso-punctatus* De G. Equals *Cixius dionysii*
 [sic] Panz. Equals *Cixius cynosbatis* Fabr. Equals *Cixius nervosus* Flor.
 Equals *Cixius eurypterus* Kb.
- 1904 *Delphax cynosbatis* Swezey, Prelim. Cat. Fulgoridae North America :26.
 To *Cixius albicincta* Germ. [error.]
- 1906 *Cixius cunicularis* [sic] Matsumura, Schr. Nat. Ges. Danzig 11: 75.
 [Listed.]²¹
- 1906 *Cixius cunicularis* [sic] Schuguirow, Zool. Anz. 30: 711. [Listed.]²²
- 1907 *Cixius cunicularius* Oshanin, Verz. Palaeark. Hemip. 2: 244. [Listed.]^{3,4,6,9,10,12,15,20,23,24,25,27}
 Equals *Cixius eurypterus* Kb. Equals ?*Cixius dorsalis*
 Hardy. Equals *Flata dionysii* Panz. Equals *Cicada nervoso-punctata* De G.
 Equals *Cicada cunicularia* Linn. Equals *Cixius nervosus* Flor. Equals
Flata cynosbatis Fabr.
- 1907 *Cixius cunicularius* Butler, Hemip. Hastings :56. [Listed.]¹¹
- 1907 *Cixius cunicularius* Oshanin, Cat. Homop. St. Pétersbourg :242 (30).
 [Listed.]⁹
- 1908 *Cixius cunicularius* Saunders and Edwards, Cat. of British Hemip. :14.
 [Listed.]⁶
- 1908 *Cixius cunicularius* Whittaker, Hemip.-Homop. Lancashire and Cheshire
 :21. [Listed.]¹¹
- 1908 *Cixius cunicularius* Oshanin, Verz. Palaeark. Hemip. 3: 446. [Listed.]^{9,14,29}
- 1909 *Cixius cunicularius* Lambertie, Act. Soc. Linn. Bordeaux 62: (3).
 [Listed.]¹⁰
- 1910 *Cixius cunicularius* Lambertie, Misc. Ent. 18: 89. [Listed.]¹⁰ Equals
Cixius eurypterus Kb. Equals *Cixius nervosus* Flor. Equals *Cixius cynos-*
batis Fabr. Equals *Cixius dionysii* [sic] Panz. Equals *Cixius nervoso-*
punctatus De G.
- 1912 *Cixius cunicularius* Licent, Rech. d'Anat. Homop. :116. [Digestive
 tubes.]

- 1912 *Cixius cunicularius* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]^{8,23,27}
 Equals *Cixius nervosopunctatus* De G. Equals *Cixius dionysii* Panz.
 Equals *Cixius cynosbatis* Fabr. Equals *Cixius ? dorsalis* Hardy. Equals
Cixius nervosus Flor [nec Linn.]. Equals *Cixius eurypterus* Kb.
- 1912 *Cixius cunicularis* [sic] Schumacher, Ent. Rundsch. 29: 95. [Listed.]
- 1913 *Cixius cunicularis* [sic] Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]¹⁹
- 1913 *Cixius cunicularius* Strand, Arthropodenfauna Norwegens :274.
 [Listed.]¹³
- 1915 *Cixius cunicularius* Jacobsen, Ent. Medd. 10: 318. [Listed.]¹
- 1915 *Cixius cunicularius* Jensen-Haarup, Kobenhavn Flora og Fauna 1915:
 87. [Described.]¹ :86. [Key.]
- 1920 *Cixius cunicularius* Jensen-Haarup, Danmarks Fauna :24; Fig. 9, Ia,
 Hd. [Described, illustrated.]¹ :21. [Key.]
- 1920 *Cixius cunicularius* Tullgren and Wahlgren, Svenska Insekter :150.
 [Notes.]
- 1924 *Cixius cunicularius* Lindberg, Acta Soc. Fauna Flora Fenn. 56: 45.
 [Listed.]¹² :38. [Notes.]
- 1924 *Cixius cunicularius* Lindberg, Not. Ent. 4: 44. [Listed.]⁴
- 1925 *Cixius cunicularius* Della Beffa, Boll. Soc. Ent. Italiana 57: 147.
 [Listed.]¹⁵
- 1926 *Cixius cunicularius* Rémy-Perrier, Homop. Faune France :91. [Key.]
- 1926 *Cixius cunicularius* Lindberg, Not. Ent. 6: 113. [Listed.]¹³
- 1927 *Cixius cunicularius* Poisson and Poisson, Bull. Soc. Linn. Normandie
 (7) 9: 142. [Listed.]¹⁰
- 1930 *Cixius cunicularius* Britten, Check List Fauna Lancashire and Cheshire
 1: 74. [Listed.]¹¹

cunicularius var. *dionysii* Panzer. See *Cixius cunicularia* Linné.

cunicularia var. **fusca** Fieber

- 1872 *Cixius cunicularius fuscus* Fieber, Kat. Europäischen Europe¹
 Cicad. :3. [Listed.] [nom. nud.]¹ Bohemia²
- 1875 *Cixius cunicularius fuscus* Puton, Cat. Hémip. d'Europe Hungary³
 2d. E. :113. [Listed.] [nom. nud.] Russia⁴
- 1876 *Cixius cunicularius fusca* Fieber, Cicad. d'Europe Pt. 2: Germany⁵
 190 (180). [var. n.] France⁶
- 1886 *Cixius cunicularius fuscus* Puton, Cat. Hémip. Faune Great
 Pal. :69. [Listed.] Britain⁷
- 1892 *Cixius cunicularius fuscus* Duda, Cat. Ins. Faunae
 Bohemicae :27. [Listed.]²
- 1897 *Cixius cunicularius fuscus* Horváth, Fauna Regni Hungariae :54.
 [Listed.]³
- 1899 *Cixius cunicularius fuscus* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]
- 1904 *Cixius cunicularius fuscus* Hueber, Syst. Verz. deutschen Zikadinen :267.
 [Listed.]⁵
- 1907 *Cixius cunicularius fuscus* Oshanin, Verz. Palaeark. Hemip. 2: 244.
 [Listed.]¹

Cixius

- 1907 *Cixius cunicularius fuscus* Oshanin, Cat. Homop. St. Pétersbourg :243. (31). [Listed.]¹
 1908 *Cixius cunicularius fuscus* Lambertie, Act. Soc. Linn. Bordeaux 62: lxx (3). [Listed.]⁶
 1908 *Cixius cunicularius fuscus* Saunders and Edwards, Cat. of British Hemip. :14. [Listed.]⁷
 1908 *Cixius cunicularius fuscus* Oshanin, Verz. Palaeark. Hemip. 3: 446. [Listed.]¹
 1910 *Cixius cunicularius fuscus* Lambertie, Misc. Ent. 18: 89. [Listed.]⁶
 1912 *Cixius cunicularius fuscus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]

cunicularis. Typographical error for *Cixius cunicularia* Linné.

cunicularius Fallen. See *Cixius pilosa* Olivier.

cunicularius var. *vulgaris* Fieber. See *Cixius cunicularia* Linné.

cynosbatis Fabricius. See *Cixius cunicularia* Linné.

deductus Walker

- 1857 *Cixius deductus* Walker, Jour. Linn. Soc. Zool. 1: 149. Borneo¹
 [n. sp.]¹
 1859 *Cixius deductus* Dohrn, Cat. Hemip. :61. [Listed.]¹
 1907 *Cixius deductus* Distant, Ann. Mag. Nat. Hist. (7) 19: 286. [Mutilated.]¹

decoris Valdes

- 1910 *Ciscirus* [sic] *decoris* [nom. nud.] Valdes, An. Acad. Cien. Cuba¹
 Habana 46: 443. [Listed.]¹
 1914 *Ciscuis* [sic] *decoris* [nom. nud.] Valdes, Zool. Mus. Cubano "Gundlach"
 Cat. Gen. :104. [Listed.]¹

desertorum Fieber

- 1865 *Flata desertorum* Becker, Bull. Soc. Nat. Moscou 37: Russia¹
 489. [sp. n.]¹ Hungary²
 1872 *Cixius desertorum* Fieber, Kat. Europäischen Cicad. :3. Asia-Minor³
 [Listed.]¹ Rumania⁴
 1875 *Cixius desertorum* Puton, Cat. Hémip. d'Europe 2d. E. Caucasus⁵
 :112. [Listed.]¹ Greece⁶
 1876 *Cixius desertorum* Fieber, Cicad. d'Europe Pt. 2: 182 S. E. Europe⁷
 (172). [Described.]¹
 1884 *Cixius desertorum* Signoret, Bull. Soc. Ent. France (6) 4: lxxix. [Notes.]
 1886 *Cixius desertorum* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]¹
 1897 *Cixius desertorum* Horváth, Fauna Regni Hungariae :54. [Listed.]²
 1899 *Cixius desertorum* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]^{2,1}
 1901 *Cixius desertorum* Horváth, Term. Fuzetek. 24: 484. [Listed.]³
 1907 *Cixius desertorum* Oshanin, Verz. Palaeark. Hemip. 2: 242. [Listed.]^{1,2,3,4,5}
 1908 *Cixius desertorum* Oshanin, Ver. Palaeark. Hemip. 3: 445. [Listed.]⁶
 1912 *Cixius desertorum* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]^{3,5,7}
 1914 *Cixius desertorum* Melichar, Mitt. Kaukasischen Mus. 8: 133 (7).
 [Listed.]⁵

despectus Walker

- 1857 *Cixius despectus* Walker, Jour. Linn. Soc. Zool. 1: 148. Borneo¹
[n. sp.]¹
1859 *Cixius despectus* Dohrn, Cat. Hemip. :61. [Listed.]¹
1907 *Cixius despectus* Distant, Ann. Mag. Nat. Hist. (7) 19: 285. [Not recog-
nizable.]¹

diffinis Walker

- 1857 *Cixius diffinis* Walker, Jour. Linn. Soc. Zool. 1: 146. Borneo¹
[n. sp.]¹
1859 *Cixius diffinis* Dohrn, Cat. Hemip. :61. [Listed.]¹
1907 *Cixius diffinis* Distant, Ann. Mag. Nat. Hist. (7) 19: 286. [Mutilated.]¹

dilectus Walker

- 1857 *Cixius dilectus* Walker, Jour. Linn. Soc. Zool. 1: 150. Borneo¹
[n. sp.]¹
1859 *Cixius dilectus* Dohrn, Cat. Hemip. :61. [Listed.]¹

dionysii. Typographical error for *Cercopis dionysii* Panzer. See *Cixius cunicularius* Linné.
dionysii Panzer. See *Cixius cunicularia* Linné.

discollis Rey (var.). See *Cixius pilosa* var. *discollis* Rey.

discrepans Fieber

- 1872 *Cixius discrepans* Fieber, Kat. Europäischen Cicad. :3. Europe¹
[Listed.] [nom. nud.]¹ Italy²
1875 *Cixius discrepans* Puton, Cat. Hémipt. d'Europe 2d. E. Spain³
:112. [Listed.] [nom. nud.]¹ France⁴
1876 *Cixius discrepans* Fieber, Cicad. d'Europe Pt. 2: 178 Portugal⁵
(168). [n. sp.]² Tangier⁶
1879 *Cixius discrepans* Bolivar and Chicote, An. Soc. Es-
pañola 8: 175. [Listed.]³
1880 *Cixius discrepans* Cuni, An. Soc. Española 9: 209 (5). [Listed.]³ :240 (36).
[Listed.]³
1886 *Cixius discrepans* Puton, Cat. Hémipt. Faune Pal. :69. [Listed.]^{2,3,4,5}
1899 *Cixius discrepans* Puton, Cat. Hémipt. Faune Pal. :103. [Listed.]^{2,3,4,5}
1901 *Cixius discrepans* Lambertie, Act. Soc. Linn. Bordeaux 56: (85). [Listed.]⁴
1907 *Cixius discrepans* Oshanin, Verz. Palaeark. Hemip. 3: 241. [Listed.]^{2,4,3}
1907 *Cixius discrepans* Melichar, Sitzber. Akad. Wiss. 116: 1038. [Listed.]⁹
1910 *Cixius discrepans* Lambertie, Misc. Ent. 18: 88. [Listed.]⁴
1912 *Cixius discrepans* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]^{4,3,2}
1928 *Cixius discrepans* Lallemand, Mem. Est. Mus. Zool. Univ. Coimbra
1928: 8. [Listed.]⁵
1930 *Cixius discrepans* de Seabra, Arq. Secc. Biol. e Par. 1 (4): 350. [Notes.]⁵

distinctus Signoret

- 1865 *Cixius distinctus* Signoret, Ann. Soc. Ent. France (4) 5: France¹
127. [n. sp.]¹ Spain²

Cixius

- 1872 *Cixius pinicolus* Fieber, Kat. Europäischen Cicad. :3. Belgium³
[Listed.] [nomen nudum.]¹ Netherlands⁴
- 1872 *Cixius distinctus* Fieber, Kat. Europäischen Cicad. :3. Caucasus⁵
[Listed.]¹
- 1874 *Cixius distinctus* Puton, Ann. Soc. Ent. France (5) 4: 229. [Listed. Equals
Cixius pinicolus Duf.]
- 1875 *Cixius pinicola* Puton, Cat. Hémip. d'Europe 2d. E. :112. [Listed.]
[nomen nudum.]¹ Equals *Cixius distinctus* Sign.
- 1876 *Cixius pinicola* Fieber, Cicad. d'Europe Pt. 2: 181 (171). [n. sp.]¹
- 1879 *Cixius pinicola* Bolivar and Chicote, An. Soc. Española 8: 175. [Listed.]²
- 1880 *Cixius pinicola* Cuni, An. Soc. Española 9: 209 (5). [Listed.]²
- 1884 *Cixius pinicola* Lethierry, Ann. Soc. Ent. Belgique 28: cxxvii. [Listed.]
- 1884 *Cixius distinctus* Signoret, Bull. Soc. Ent. France (6) 4: LXXIX. [Notes.]
- 1886 *Cixius pinicola* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]¹
- 1886 *Cixius distinctus* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]¹
- 1888 *Cixius pinicola* Dubois, Mém. Soc. Linn. Nord France 7: 153 (57).
[Listed.]¹
- 1892 *Cixius pinicola* Lethierry, Rev. Hémip. Belgique :21. [Listed.]³
- 1899 *Cixius distinctus* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]¹
- 1899 *Cixius pinicola* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]¹ Equals
Cixius distinctus Sign.
- 1901 *Cixius pinicola* Lambertie, Act. Soc. Linn. Bordeaux 56: (85). [Listed.]¹
- 1907 *Cixius pinicola* Oshanin, Verz. Palaeark. Hemip. 2: 242. [Listed.]¹ Equals
Cixius distinctus Sign.
- 1908 *Cixius pinicola* Oshanin, Verz. Palaeark. Hemip. 3: 445. [Listed.]^{3,4}
- 1908 *Cixius pinicola* Reuter, Acta Soc. Sci. Fennicae 36 (1): 72. [Listed.]^{1,2,3}
- 1910 *Cixius pinicola* Lambertie, Misc. Ent. 18: 89. [Listed.]¹ Equals *Cixius
distinctus* Sign.
- 1912 *Cixius pinicola* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]¹ Equals
Cixius distinctus Sign.
- 1914 *Cixius pinicola* Melichar, Mitt. Kaukasischen Mus. 8: 133 (7). [Listed.]⁵
- 1929 *Entaeniothes* Schulze, Kükenthal and Heider, Nomenclator Animal. 2
(10): 1148. [Listed.] [non. binom.]
- 1930 *Cixius distinctus* Haupt, Mitt Deutschen Ent. Ges. 1: 153; Fig. 1. [Notes,
illustrated.] Equals *Cixius pinicola* Fieb.

distinguendus Kirschbaum [in part]. See *Cixius stigmatica* Germar.

distinguendus Kirschbaum [in part]. See *Cixius simplex* Herrich-Schäffer.

distinguendus. Typographical error for *Cixius distinguendus* Kirschbaum. See *Cixius simplex*
Herrich-Schäffer, and *Cixius stigmatica* Germar.

dividens Walker. See *Oliarus dividens* Walker.

divisus Walker

- 1858 *Cixius divisus* Walker, List Homop. British Mus. Suppl. Natal¹
:79. [n. sp.]¹

dorsalis Hardy. See *Cixius cunicularia* Linné.

dorsalis Stephens. See *Cixius pilosa* var. *albicincta* Germar.

dorsalis Van Duzee. See *Pintalia dorsivittatus* Van Duzee.

dorsivittatus Van Duzee. See *Pintalia dorsivittatus* Van Duzee.

dotatus Walker

1857 *Cixius dotatus* Walker, Jour. Linn. Soc. Zool. 1: 150. Borneo¹
[n. sp.]¹

1858 *Cixius dotatus* Walker, List Homop. British Mus. Add. :322. [Listed.]¹

1859 *Cixius dotatus* Dohrn, Cat. Hemip. :61. [Listed.]¹

effertus Walker. See *Mnemosyne effertus* Walker.

eminens Walker. See *Lacusa fuscofasciata* Stål. Family LOPHOPIDAE.

equus. Typographical error for *Cixius aequus* Walker.

eurypterus Kirschbaum. See *Cixius cunicularia* Linné.

fasciatus Fieber (var.). See *Cixius nervosa* var. *fasciatus* Fieber.

fasciolaris Spinola

1852 *Cixius fasciolaris* Spinola, Gay's Hist. Chili 7: 251. Chile¹
[n. sp.]¹

fasciolatus Stål. See *Oliarus fasciolatus* Stål.

ferreus Walker

1857 *Cixius ferreus* Walker, Jour. Linn. Soc. Zool. 1: 146. Borneo¹
[n. sp.]¹

1859 *Cixius ferreus* Dohrn, Cat. Hemip. :61. [Listed.]¹

ferrugineus Walker. See *Booneta ferruginea* Walker. Family ACHILIDAE.

finitimus Walker. See *Aka finitimus* Walker.

finitus Walker. See *Borysthenes finitus* Walker.

flammeus Kirby. See *Achilus flammeus* Kirby. Family ACHILIDAE.

flavescens Matsumura

1914 *Cixius flavescens* Matsumura, Annot. Zool. Japonenses Formosa¹
8: 405. [n. sp.]¹

1915 *Cixius flavescens* Schumacher, Homop.-Fauna Insel Formosa :113.
[Listed.]¹

flaviceps Matsumura

1913 *Cixius flaviceps* Matsumura, 1000 Ins. Japan, Add. 1: Japan¹
60; Pl. VIII, Fig. 9. [n. sp., illustrated.]¹

flavisigna Walker. See *Magadhi flavisigna* Walker. Family ACHILIDAE.

flavobrunneus Fowler

1904 *Cixius flavobrunneus* Fowler, Biologia Centrali-Ameri- Mexico¹
cana 1: 97; Pl. X, Figs. 27, 27a, 27b. [Illustrated, n. sp.]¹

franciscanus Stål. See *Oliarus franciscanus* Stål.

fuliginosus Stephens

1829 *Cixius fuliginosus* Stephens, Cat. British Ins. :356. England¹
[Listed.]¹ [nom. nud.]

*Cixius***fulvicollis** Spinola

- 1852 *Cixius fulvicollis* Spinola, Gay's Hist. Chili 7: 254. [n. sp.]¹ Chile¹
fulvus Walker. See *Oliarus fulvus* Walker.
fumipennis Horváth (var.). See *Cixius pallipes* var. *fumipennis* Horváth.
funebri Walker. See *Oliarus funebri* Walker.
fuscipennis Stål. See *Oliarus fuscipennis* Stål.
fuscus Fieber (var.). See *Cixius cunicularia* var. *fuscus* Fieber.

gayi Spinola

- 1852 *Cixius gayi* Spinola, Gay's Hist. Chili 7: 248; Pl. 3, Chile¹
 Figs. 3, 3a-c. [n. sp., illustrated.]¹

grammica Germar

- 1830 *Flata grammica* Germar, Thon Archiv 2: 49. [n. sp.]¹ Brazil¹
 1835 *Cixia grammica* Burmeister, Handb. Ent. 2 (1): 158.
 Equals *Flata grammica* Germ.
 1850 *Cixius grammicus* Schaum, Allg. Ency. Ersch und Gruber 51: 68.
 [Listed.]¹ Equals *Flata grammicus* Germ.
 1851 *Cixius grammicus* Walker, List Homop. British Mus. 2: 342. [Listed.]¹
 Equals *Flata grammica* Germ.
 1859 *Cixius grammicus* Dohrn, Cat. Hemip. :60. [Listed.]¹
 1926 *Flata grammica* Sherborn, Index Animalium 11: 2791. [Listed.]

granulatus Horváth

- 1897 *Cixius granulatus* Horváth, Term. Fuzetek 20: 620. Hungary¹
 [n. sp.]¹
 1897 *Cixius granulatus* Horváth, Fauna Regni Hungariae :54. [Listed.]¹
 1899 *Cixius granulatus* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]¹
 1907 *Cixius granulatus* Oshanin, Verz. Palaeark. Hemip. 2: 246. [Listed.]¹
 1912 *Cixius granulatus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]¹

gravelyi Muir

- 1922 *Cixius gravelyi* Muir, Rec. Indian Mus. 24: 343. East
 [n. sp.]^{1,2} Himalayas¹
 India²

guttifer Walker. See *Faventia guttifer* Walker. Family ACHILIDAE.

guttulatus Walley

- 1932 *Cixius guttulatus* Walley, Canadian Ent. 64: 21. Quebec¹
 [n. sp.]^{1,2} Ontario²

hachijonis Matsumura

- 1914 *Cixius hachijonis* Matsumura, Annot. Zool. Japonenses Japan¹
 8: 399. [n. sp.]¹

hakonensis Matsumura

- 1914 *Cixius hakonensis* Matsumura, Annot. Zool. Japonenses Japan¹
 8: 404. [n. sp.]¹

helvolus Spinola

- 1852 *Cixius helvolus* Spinola, Gay's Hist. Chili 7: 255. [n. sp.]¹ Chile¹
hemerobioides Schrank. See *Cixius nervosa* Linné.

heydenii Kirschbaum

- 1776 *Cicada bifasciata* Schrank, Beyträge zur Nat. :73. Switzerland¹
 [n. sp.] [nomen praeoc.] France²
- 1781 *Cicada bifasciata* Schrank, Enum. Ins. Austriae Indigenorum :255. [Described.] Austria³
 Spain⁴
- 1868 *Cixius heydenii* Kirschbaum, Cicad. Wiesbaden :49. Portugal⁵
 [n. sp.]¹ Germany⁶
- 1872 *Cixius heydeni* Fieber, Kat. Europäischen Cicad. :3. Hungary⁷
 [Listed.]² South
- 1875 *Cixius heydeni* Puton, Cat. Hémip. d'Europe 2d. E. Europe⁸
 :112. [Listed.]² Turkestan⁹
- 1876 *Cixius heydeni* Fieber, Cicad. d'Europe Pt. 2: 187 (177).
 [Key.]^{2,1}
- 1880 *Cixius heydeni* Chicote, An. Soc. Española 9: 199 (15). [Listed.]^{4,5}
- 1881 *Cixius heydeni* Mayr, Ber. Natur.-Med. Ver. Innsbruck 10: 84 (8).
 [Listed.]³
- 1884 *Cixius heydeni* Mayr, Tabellen :17. [Listed.]^{1,3}
- 1886 *Cixius heydeni* Then, Kat. österreichischen Cicad. :10. [Listed.]³
- 1886 *Cixius heydeni* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]^{2,3,4,5,6}
- 1896 *Cixius heydeni* Melichar, Cicad. Mittel-Europa :24. [Described.]³ :22.
 [Key.]
- 1897 *Cixius heydeni* Horváth, Fauna Regni Hungariae :54. [Listed.]⁷
- 1899 *Cixius heydeni* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]^{2,3,4,5,6}
- 1900 *Cixius heydeni* Strobl, Mitt. Natur. Ver. Steiermark 36: 202. [Listed.]³
- 1901 *Cixius heydeni* Lambertie, Act. Soc. Linn. Bordeaux 56: (86). [Listed.]²
- 1902 *Cicada bifasciata* Sherborn, Index Animalium 1758-1800: 120. [Listed.]
- 1904 *Cixius heydeni* Hueber, Syst. Verz. deutschen Zikadinen :267. [Listed.]⁶
- 1907 *Cixius heydeni* Oshanin, Verz. Palaeark. Hemip. 2: 243. [Listed.]^{1,2,3,4,6,7}
- 1910 *Cixius heydeni* Oshanin, Ann. Mus. Zool. St. Petersburg 15: 182. [Listed.]¹
- 1910 *Cixius heydeni* Lambertie, Misc. Ent. 18: 89. [Listed.]²
- 1912 *Cixius heydeni* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]⁸
- 1912 *Cixius heydeni* Haupt, Berliner Ent. Zeit. 56: 193. [Notes.]⁶ Equals *Cixius minor* Kb.
- 1913 *Cixius heydeni* Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]³
- 1917 *Cixius bifasciatus* Haupt, Stett. Ent. Zeit. 78: 143. [Described.] :144.
 Equals *Cicada bifasciatus* Schr. Equals *Cixius heydeni* Kb.:153. Equals
Cicada bifasciata Schr.
- 1918 *Cixius bifasciatus* Haupt, Stett. Ent. Zeit. 79: 80. Equals *Cixius heydeni*
 Kb.
- 1918 *Cixius heydeni* Schumacher, Stett. Ent. Zeit. 79: 77. Equals *Cicada bifasciatus* Schr.
- 1920 *Cixius heydeni* Codina, Bol. Soc. Ent. España 1: 104 (5). [Listed.]⁴
- 1929 *Cixius heydeni* Kusnezov, Zool. Anz. 79: 328. [Listed.]⁹

*Cixius***heydenii** var. **minor** Kirschbaum

- 1868 *Cixius minor* Kirschbaum, Cicad. Wiesbaden :47. Germany¹
[n. sp.]¹
- 1871 *Cixius minor* Sahlberg, Not. Fenn. (n. s.) 9 (12): 382. To *Cixius nervosus*
Linn. [error.]
- 1872 *Cixius minor* Fieber, Kat. Europäischen Cicad. :3. [Listed.]¹
- 1875 *Cixius minor* Puton, Cat. Hémip. d'Europe 2d. E. :112. To *Cixius ner-*
vosus Linn. [error.]
- 1884 *Cixius minor* Mayr, Tabellen :17. [Listed.]¹
- 1886 *Cixius minor* Puton, Cat. Hémip. Faune Pal. :69. To *Cixius nervosus*
Linn. [error.]
- 1886 *Cixius minor* Edwards, Syn. British Homop.-Cicadina Pt. 1: 55. To
Cixius nervosus Linn. [error.]
- 1892 *Cixius minor* Duda, Cat. Ins. Faunae Bohemicae :27. To *Cixius nervosus*
Linn. [error.]
- 1899 *Cixius minor* Puton, Cat. Hémip. Faune Pal. :103. To *Cixius nervosus*
Linn. [error.]
- 1904 *Cixius minor* Hueber, Syst. Verz. deutschen Zikadinen :267. To *Cixius*
nervosus Linn. [error.]
- 1907 *Cixius minor* Oshanin, Verz. Palaeark. Hemip. 2: 243. To *Cixius nervosus*
Linn. [error.]
- 1910 *Cixius minor* Lambertie, Misc. Ent. 18: 89. To *Cixius nervosus* Linn.
[error.]
- 1912 *Cixius heydeni minor* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]

heydeni var. **notativertex** Rey

- 1894 *Cixius heydeni notativertex* Rey, Exchange 10: 14. Switzerland¹
[var. n.]
- 1910 *Cixius heydeni notativertex* Oshanin, Ann. Mus. Zool. St. Petersburg 15:
182. [Listed.]¹
- 1912 *Cixius heydeni notativertex* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]

hopponis Matsumura

- 1914 *Cixius hopponis* Matsumura, Annot. Zool. Japonenses Formosa¹
8: 406. [n. sp.]¹
- 1915 *Cixius hopponis* Schumacher, Homop.-Fauna Insel Formosa :113.
[Listed.]¹

hottentotus. Typographical error for *Cixius hottentottus* Stål. See *Oliarus hottentottus* Stål.

hottentottus Stål. See *Oliarus hottentottus* Stål.

hyalinus Palisot

- 1805 *Jassus hyalinus* Palisot, Insectes rec. en Afrique et en Afrique¹
Amérique :170; Pl. XIX, Fig. 6. [Illustrated, n. sp.]¹
- 1866 *Cixius hyalinus* Stål, Hemip. Africana 4: 263. [Listed.]¹ Equals *Jassus*
hyalinus Palisot.
- 1866 *Cixius hyalinus* Stål, Hemip. Africana 4: 263. Equals *Jassus hyalinus*.
- 1927 *Jassus hyalinus* Sherborn, Index Animalium 12: 3068. [Listed.]

ibukisanus Matsumura

- 1914 *Cixius ibukisanus* Matsumura, Annot. Zool. Japonenses Japan¹
8: 397. [n. sp.]¹

impunctata Van Duzee [nec Fitch]. See *Myndus sordidipennis* Stål.

impunctata Fitch. See *Catonia impunctata* Fitch. Family ACHILIDAE.

inclinatus Walker. See *Hamba inclinata* Walker. Family ACHILIDAE.

inficitus Walker

- 1870 *Cixius inficitus* Walker, Jour. Linn. Soc. Zool. 10: 103. Mysol¹
[n. sp.]¹ (East Indies)

infumata Fieber (var.). See *Cixius pilosa* var. *infumata* Fieber.

insuetus Walker

- 1857 *Cixius insuetus* Walker, Jour. Linn. Soc. Zool. 1: 150. Borneo¹
[n. sp.]¹

- 1859 *Cixius insuetus* Dohrn, Cat. Hemip. :61. [Listed.]¹

- 1907 *Cixius insuetus* Distant, Ann. Mag. Nat. Hist. (7) 19: 286. [Mutilated.]¹

interior Walker. See *Koroana interior* Walker.

interior Myers [nec Walker]. See *Cixius aspilus* Walker.

intermedius Scott

- 1870 *Cixius intermedius* Scott, Ent. Monthly Mag. 7: 147. Austria¹
[n. sp.]⁵ :121. [Key.] Great Britain²

- 1870 *Cixius brachycranus* Scott, Ent. Monthly Mag. 7: 148. France³
[n. sp.]⁵ :121. [Key.]

- 1872 *Cixius brachycranus* Fieber, Kat. Europäischen Cicad. Germany⁴
:3. [Listed.]¹ England⁵

- 1874 *Cixius intermedius* Lethierry, Cat. Hémip. Dept. du Hungary⁶
Nord 2 Ed. :256 (52). [Listed.]³ Russia⁷

- 1875 *Cixius intermedius* Puton, Cat. Hémip. d'Europe 2 Ed. Yugoslavia⁸
:113. [Listed.]^{2,3} Greece⁹

- 1875 *Cixius brachycranus* Puton, Cat. Hémip. d'Europe 2 Netherlands¹⁰
Ed. :112. [Listed.]^{2,4} Europe¹¹

- 1876 *Cixius brachycranus* Douglas and Scott, Cat. British Caucasus¹²
Hemip. :65. [Listed.]²

- 1876 *Cixius intermedius* Douglas and Scott, Cat. British Hemip. :65. [Listed.]²

- 1876 *Cixius brachycranus* Fieber, Cicad. d'Europe Pt. 2: 189 (179). [Key.]^{5,6,11}
Equals *Cixius intermedius* Scott.

- 1878 *Cixius brachycranus* Dale, History of Glanville's Wootton :304. [Listed.]⁵

- 1879 *Cixius intermedius* Norman, Ent. Monthly Mag. 15: 255. [Listed.]⁵

- 1880 *Cixius intermedius* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21:
53. [Listed.]³

- 1884 *Cixius brachycranus* Mayr, Tabellen :17. [Listed.]⁶

- 1886 *Cixius brachycranus* Edwards, Syn. British Homop.-Cicadina Pt. 1: 51
[Key.] :54. [Described.]² Equals *Cixius intermedius* Scott.

Cixius

- 1886 *Cixius brachycranus* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]^{1,2,3,4,7}
Equals *Cixius intermedius* Scott.
- 1888 *Cixius brachycranus* Edwards, Ent. Monthly Mag. **25**: 101. [Key.] :100.
Equals *Cixius intermedius* Fieb.
- 1890 *Cixius brachycranus* Saunders and Edwards, Cat. British Hemip. :11.
[Listed.]² Equals *Cixius intermedius* Scott.
- 1890 *Cixius brachycranus* Buckton, Mon. British Cicadae **1**: 20; Pl. V, Figs.
7–10. [Described, illustrated.]² Equals *Cixius intermedius* Scott. :24.
[Key.]
- 1894 *Cixius brachycranus* Edwards, Hemip.-Homop. British Islands Pt. **1**: 26;
Pl. 3, Fig. 10a. [Described, illustrated.]² :24. [Key.]
- 1896 *Cixius brachycranus* Melichar, Cicad. Mittel-Europa :24. [Described.]⁶
Equals *Cixius intermedius* Scott. :22. [Key.]
- 1897 *Cixius brachycranus* Horváth, Fauna Regni Hungariae :54. [Listed.]⁶
- 1899 *Cixius brachycranus* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]^{1,2,3,4,7}
Equals *Cixius intermedius* Scott.
- 1901 *Cixius brachycranus* Lambertie, Act. Soc. Linn. Bordeaux **56**: (86).
[Listed.]³ Equals *Cixius intermedius* Scott.
- 1903 *Cixius brachycranus* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste **21**: 58.
[Listed.]¹
- 1903 *Cixius brachycranus* Horváth, Ann. Mus. Nat. Hungarici **1**: 27. [Listed.]⁸
- 1904 *Cixius brachycranus* Hueber, Syst. Verz. deutschen Zikadinen :267.
[Listed.]⁴ Equals *Cixius intermedius* Scott.
- 1907 *Cixius brachycranus* Oshanin, Verz. Palaeark. Hemip. **2**: 243. [Listed.]^{2,3,6,7,8}
Equals *Cixius intermedius* Scott.
- 1907 *Cixius brachycranus* Paganetti-Hummeler, Zeits. Wiss Insektenbiol. **3**: 95.
[Listed.]⁹
- 1907 *Cixius brachycranus* Butler, Hemip. Hastings :56. [Listed.]⁵
- 1908 *Cixius brachycranus* Saunders and Edwards, Cat. of British Hemip. :14.
[Listed.]² Equals *Cixius intermedius* Scott.
- 1908 *Cixius brachycranus* Whittaker, Hemip.-Homop. Lancashire and Cheshire
:22. [Listed.]⁵ Equals *Cixius intermedius* Scott.
- 1908 *Cixius brachycranus* Oshanin, Verz. Palaeark. Hemip. **3**: 446. [Listed.]¹⁰
- 1910 *Cixius brachycranus* Lambertie, Misc. Ent. **18**: 89. [Listed.]³ Equals
Cixius intermedius Scott.
- 1912 *Cixius brachycranus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]¹¹
- 1912 *Cixius brachycranus* Butler, Ent. Monthly Mag. **48**: 189. [Listed.]⁵
- 1913 *Cixius brachycranus* Melichar, Mitt. Kaukasischen Mus. **7**: 14. [Listed.]¹²
- 1919 *Cixius brachycranus* Lyle, Entomologist **52**: 7. [Listed.]
- 1930 *Cixius brachycranus* Horváth, Jugoslavenska Akad. **16**: 45. [Listed.]⁸
- 1930 *Cixius brachycranus* Britten, Check List Fauna Lancashire and Cheshire
1: 74. [Listed.]⁵

interrupta Uhler

- 1895 *Vincentia interrupta* Uhler, Proc. Zool. Soc. London St. Vincent¹
1895: 67. [n. sp.]¹ (West Indies)
- 1903 *Vincentia interrupta* Henshaw, Psyche **10**: 229. [Listed.]¹ Cuba²

1925 *Cixius interrupta* Muir, Pan-Pacific Ent. 1: 104. Equals
Vincentia interrupta Uhl.

1926 *Vincentia interrupta* Osborn, Ann. Ent. Soc. America 19: 356. [Notes.]²

irroratus Spinola

1852 *Cixius irroratus* Spinola, Gay's Hist. Chili 7: 253. Chile¹
[n. sp.]¹

kermadecensis Myers

1924 *Cixius kermadecensis* Myers, Trans. New Zealand Inst. Kermadec I.¹
55: 319. [n. sp.]¹

kommonis Matsumura

1914 *Cixius kommonis* Matsumura, Annot. Zool. Japonenses Formosa¹
8: 400. [n. sp.]¹

1915 *Cixius kommonis* Schumacher, Homop.-Fauna Insel Formosa :113.
[Listed.]¹

kuyanianus Matsumura

1914 *Cixius kuyanianus* Matsumura, Annot. Zool. Japo- Formosa¹
nenses 8: 398. [n. sp.]¹

1915 *Cixius kuyanianus* Schumacher, Homop.-Fauna Insel Formosa :113.
[Listed.]¹

laevifrons Walker

1858 *Cixius laevifrons* Walker, Insecta Saundersiana :43. Tasmania¹
[n. sp.]¹

lapponicus Zetterstedt. See *Epiptera lapponicus* Zetterstedt. Family ACHILIDAE.

laticeps nom. nov. for *Cixius latifrons* Melichar 1902 [nec *Cixius latifrons* Walker 1851].

1902 *Cixius latifrons* Melichar, Ann. Mus. St. Petersburg 7: China¹
85 (10). [n. sp.]¹ [nom. praeoc.]

1907 *Cixius latifrons* Oshanin, Verz. Palaeark. Hemip. 2: 246. [Listed.]¹

1912 *Cixius latifrons* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]¹

latifrons Melichar. See *Cixius laticeps* Metcalf.

latifrons Walker. See *Oliarius latifrons* Walker.

lepidus Van Duzee. See *Cixius stigmata* Say.

leporinus Linné. See *Oliarius leporina* Linné.

leporinus Marshall. See *Cixius similis* Kirschbaum.

leporinus Panzer. See *Oliarius panzeri* Löw.

leucoescatia Costa

1834 *Cixius leucoescatia* Costa, Cenni Zool. :83. [Listed.]¹ Italy¹
[nom. nud.]

1927 *Cixius leucoescatia* Sherborn, Index Animalium 14: 3517. [Listed.] [nom.
nud.]

*Cixius***limbatus** Signoret

- 1862 *Cixius limbatus* Signoret, Ann. Soc. Ent. France (4) 2: Corsica¹
378. [n. sp.]¹
- 1872 *Cixius limbatus* Fieber, Kat. Europäischen Cicad. :3. [Listed.]¹
- 1875 *Cixius limbatus* Puton, Cat. Hémipt. d'Europe 2d. E. :112. [Listed.]¹
- 1886 *Cixius limbatus* Puton, Cat. Hémipt. Faune Pal. :69. [Listed.]¹
- 1899 *Cixius limbatus* Puton, Cat. Hémipt. Faune Pal. :103. [Listed.]¹
- 1907 *Cixius limbatus* Oshanin, Verz. Palaeark Hemip. 2: 242. [Listed.]¹
- 1912 *Cixius limbatus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]¹

linearis Eversmann

- 1837 *Cixia linearis* Eversmann, Bull. Soc. Nat. Moscou 10: 34. [Listed.]
[nom. nud.]

longipennis Walker

- 1851 *Cixius longipennis* Walker, List Homop. British Mus. Natal¹
2: 347. [n. sp.]¹
- 1859 *Cixius longipennis* Dohrn, Cat. Hemip. :60. [Listed.]¹
- 1907 *Cixius longipennis* Distant, Ins. Transvaaliensia 8: 194; Fig. 36. [Listed,
illustrated.]¹

longipennis Melichar. See *Cixius persicus* Distant.

lotti Costa

- 1834 *Cixius lotti* Costa, Cenni Zool. :83. [Listed.] [nom. nud.]¹ Italy¹
- 1927 *Cixius lotti* Sherborn, Index Animalium 14: 3675.
[Listed.] [nom. nud.]

luridus Walker. See *Booneta lurida* Walker. Family ACHILIDAE.

maculatus Spinola

- 1852 *Cixius maculatus* Spinola, Gay's Hist. Chili 7: 252. [n. sp.]¹ Chile¹
- maculifrons* Walker. See *Oliarus maculifrons* Walker.
- marginalis* Walker. See *Oliarus oppositus* Walker.
- marginicollis* Spinola. See *Epiptera marginicollis* Spinola. Family ACHILIDAE.
- masinus*. Typographical error for *Cixius musivus* Marshall. See *Cixius stigmatica* Germ.

matsumurai nom. nov. for *Cixius centralis* Matsumura 1914 [nec *Cixius centralis* Signoret 1860].

- 1914 *Cixius centralis* Matsumura, Annot. Zool. Japonenses Japan¹
8: 405. [n. sp.]¹ [nom. praeoc.]

meander Walker. See *Leirioessa meander* Walker.

merula Distant

- 1907 *Cixius merula* Distant, Ann. Mag. Nat. Hist. (7) 19: Queensland¹
284. [n. sp.]¹
- 1907 *Cixius merula* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 115. [Listed.]¹

mesellus. Typographical error for *Cixius misellus* Van Duzee.

minor Kirschbaum. See *Cixius heydenii* var. *minor* Kirschbaum.

miscellus. Typographical error for *Cixius misellus* Van Duzee.

misellus Van Duzee

- 1876 *Cixius stigmatus* Uhler [nec Say], Bull. United States Geol. Geog. Surv. **1** (5): 352. [Listed.]^{1,3,21,22} Atlantic States¹
- 1884 *Cixius stigmatus* Uhler [nec Say], Standard Nat. Hist. **2**: 240. [Notes.]² North America²
- 1889 *Cixius stigmatus* Provancher [nec Say], Petite Faune Ent. Canada :222. [Described.]³ Equals *Flata stigmata* Say. [error.] Canada³
New Jersey⁴
Iowa⁵
- 1889 *Cixius stigmatus* Van Duzee [nec Say], Canadian Ent. **21**: 7. [Listed.]³ Ottawa⁶
New York⁷
- 1890 *Cixius stigmatus* Smith [nec Say], Cat. Ins. New Jersey :440. [Listed.] Ontario⁸
Colorado⁹
- 1892 *Cixius stigmatus* Southwick [nec Say], Science **19**: 357. [Listed.]⁷ New Hampshire¹⁰
- 1892 *Cixius stigmatus* Osborn [nec Say], Proc. Iowa Acad. Sci. **1**: 127 (13). [Listed.]⁵ Ohio¹¹
United States¹²
- 1892 *Cixius stigmatus* Harrington [nec Say], Ottawa Nat. **6**: 31. [Listed.]⁶ Penn- sylvania¹³
Eastern U.S.¹⁴
- 1893 *Cixius stigmatus* Lintner [nec Say], Ninth Report New York State Ent. :385. [Listed.]⁷ Quebec¹⁵
- 1894 *Cixius stigmatus* Van Duzee [nec Say], Bull. Buffalo Soc. Nat. Sci. **5**: 190. [Listed.]^{7,8} Kentucky¹⁶
- 1894 *Cixius stigmatus* Harrington [nec Say], Canadian Ent. **26**: 16. [Listed.]⁸ Rhode Island¹⁷
- 1895 *Cixius stigmatus* Gillette and Baker [nec Say], Hemip. Colorado :68. [Listed.]⁹ North Carolina¹⁸
- 1900 *Cixius stigmatus* Smith [nec Say], Ins. New Jersey **2**: 88. [Listed.]⁴ Massa- chusetts¹⁹
- 1902 *Cixius stigmatus* Slosson [nec Say], Ent. News **13**: 321. [Listed.]¹⁰ Georgia²⁰
- 1904 *Cixius stigmatus* Osborn [nec Say], Ohio Nat. **4**: 100. [Listed.]¹¹ Michigan²¹
Illinois²²
- 1904 *Cixius stigmatus* Osborn [nec Say], Proc. Soc. Prom. Agr. Sci. **25**: 35. [Economics.]¹² Texas²³
Connecticut²⁴
- 1904 *Cixius stigmatus* Swezey [nec Say], Prelim. Cat. Fulgoridae North America :27. [Listed.]^{4,7,8,10,11,16} British Columbia²⁵
- 1904 *Cixius stigmatus* Wirther [nec Say], Ann. Carnegie Mus. **3**: 215. [Listed.]¹³ Rocky Mts.²⁶
Maine²⁷
- 1905 *Cixius stigmatus* Van Duzee [nec Say], Bull. New York State Mus. **97**: 552. [Listed.]⁷
- 1906 *Cixius stigmatus* Van Duzee [nec Say], Canadian Ent. **38**: 408. [Described, key.]^{3,14}
- 1907 *Cixius stigmatus* Moore [nec Say], Canadian Ent. **39**: 189. [Listed.]¹⁵
- 1908 *Cixius stigmatus* Van Duzee [nec Say], Canadian Ent. **40**: 114. [Listed.]¹⁵
- 1908 *Cixius stigmatus* Van Duzee [nec Say], Proc. Acad. Nat. Sci. Philadelphia **1907**: 490. [Notes.]^{7,8,15,17} :488. [Key.]

Cixius

- 1910 *Cixius stigmatus* Smith [nec Say], Rept. Ins. New Jersey :95. [Listed.]⁴
 1910 *Cixius stigmatus* Young [nec Say], Bull. New York State Mus. **141**: 124. [Listed.]⁷
 1912 *Cixius stigmatus* Van Duzee [nec Say], Canadian Ent. **44**: 325. [Listed.]
 1915 *Cixius stigmatus* Metcalf [nec Say], Jour. Elisha Mitchell Soc. **31**: 54 (11). [Listed.]¹⁸
 1916 *Cixius misellus* Van Duzee, Check List Hemip. America :79. Nom. nov. for *Cixius stigmatus* Van Duzee. [Listed.]^{3,14}
 1917 *Cixius misellus* Van Duzee, Cat. Hemip. America :735. [Listed.]^{4,7,8,9,10,13,15,17,18,19,20,21,22,23} Equals *Cixius stigmatus* Van D. [nec Say.]
 1917 *Cixius misellus* Gibson, Ann. Rept. Ent. Soc. Ontario **47**: 166. [Listed.]⁸
 1918 *Cixius stigmatus* Gibson [nec Say], Ann. Rept. Ent. Soc. Ontario **48**: 124. [Listed.]¹⁵
 1918 *Cixius misellus* Weiss, Ent. News **29**: 309. [Listed.]⁴
 1920 *Cixius misellus* Britton, Check-List Ins. Connecticut :46. [Listed.]²⁴ Equals *Cixius stigmaticus* Van Duz. [nec Germ.]
 1922 *Cixius misellus* Osborn, Tech. Bull. New York St. Coll. For. **22**: 49; Fig. 19b. [Ecology, illustrated.]⁷
 1923 *Cixius misellus* [sic] Van Duzee, Fulgoridae Hemip. Connecticut :33. [Described, key.]²⁴ Equals *Cixius stigmatus* Uhl.
 1923 *Cixius misellus* Metcalf, Jour. Elisha Mitchell Soc. **38**: 162; Figs. 288, 580. [Key, illustrated.]
 1927 *Cixius misellus* Downes, Proc. Ent. Soc. British Columbia **23**: 21. [Listed.]²⁵
 1927 *Cixius misellus* [sic] Johnson, Biol. Surv., Mount Desert Reg. **1**: 33. [Listed.]²⁷
 1928 *Cixius misellus* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 72. [Described.]^{3,12} Equals *Cixius stigmatus* Van D. [nec Say.] :70. [Key.]
 1928 *Cixius misellus* Metcalf, Mem. Cornell Uni. Agr. Exp. Sta. **101**: 177. [Listed.]⁷
 1930 *Cixius mesellus* [sic] Weber, Biol. Hemip. :7, Fig. 4c. [Illustrated.]

modicus Walker. See *Oliarus modicus* Walker.

moestus Stål. See *Oliarus moestus* Stål.

montaguei Distant

- 1920 *Cixius montaguei* Distant, Ann. Mag. Nat. Hist. (9) **6**: 461. [n. sp.]¹ New Caledonia¹ (Melanesia)

montanus Fowler

- 1904 *Cixius montanus* Fowler, Biologia Centrali-Americana **1**: 96; Pl. X, Figs. 25, 25a. [n. sp., illustrated.]¹ Mexico¹

monticelli Costa

- 1834 *Cixius monticelli* Costa, Cenni Zool. :83. [nom. nud.]¹ Italy¹
 1928 *Cixius monticelli* Sherborn, Index Animalium **16**: 4154. [Listed.] [nom. nud.]

munitus Walker

- 1857 *Cixius munitus* Walker, Jour. Linn. Soc. Zool. 1: 149. Borneo¹
[n. sp.]¹
1859 *Cixius munitus* Dohrn, Cat. Hemip. :61. [Listed.]¹
1907 *Cixius munitus* Distant, Ann. Mag. Nat. Hist. (7) 19: 286. [Mutilated.]¹

muscaeformis Schrank. See *Issus muscaeformis* Schrank. Family ISSIDAE.

musiva Germar. See *Myndus musiva* Germar.

musivus Marshall [nec Germar]. See *Cixius stigmaticus* Germar.

natalensis Stål. See *Oliarius natalensis* Stål.

nawae Matsumura

- 1914 *Cixius nawae* Matsumura, Annot. Zool. Japonenses 8: Japan¹
402. [n. sp.]¹

nervosa Linné

- 1758 *Cicada nervosa* Linné, Syst. Nat. 10: 437. [n. sp.]¹ Europe¹
1761 *Cicada nervosa* Linné, Fauna Suecica :240. [Described.]⁴ Austria²
1762 *Cicada nervosa* Geoffroy, Hist. Abregée Ins. 1st Ed. 1: France³
415. [Described.]¹ Sweden⁴
1763 *Cicada nervosa* Scopoli, Ent. Carniolica :116; Fig. 341. Lapland⁵
[Described, illustrated.] Germany⁶
1764 *Cicada nervosa* Geoffroy, Hist. Abregée Ins. Ed. 2, 1: Italy⁷
415. [Described.] Great Britain⁸
1767 *Cicada nervosa* Linné, Syst. Nat. 12: 709. [Described.]¹ Russia⁹
1773 *Cicada nervosa* De Geer, Mém. Hist. Ins. 3: 182. To Switzerland¹⁰
Cicada nervoso-punctata De G. [error.] Finland¹¹
1775 *Cicada nervosa* Fuessly, Verz. Schweizze. Ins. :24. Norway¹²
[Listed.]¹⁰ Belgium¹³
1775 *Cicada nervosa* Fabricius, Systema Ent. :686. [De- Spain¹⁴
scribed.]¹ Moscou¹⁵
1776 *Cicada hemerobioides* Schrank, Beyträge Zur Nat. :74. Bohemia¹⁶
[n. sp.] Moravia¹⁷
1778 *Cicada nervosa* Goeze, Ent. Beyträge 2: 136. [Listed.] British
Equals *Cicada nervoso-punctata* De G. [error.] Isles¹⁸
1780 *Cicada nervosa* Goeze, De Geer's Abh. Gesch. Ins. 3: West China¹⁹
117. To *Cicada nervoso-punctata* De G. [error.] Serbia²⁰
1781 *Cicada nervosa* Schrank, Enum. Ins. Austriae :252. Prussia²¹
[Described.]² Hungary²²
1781 *Cicada nervosa* Fabricius, Species Ins. 2: 327. [De- Rumania²³
scribed.]¹ Equals *Cicada nervoso-punctata* De G. [error.] Algeria²⁴
1781 *Cicada hemerobioides* Schrank, Enum. Ins. Austriae Tunisia²⁵
:257. [Described.]² Equals *Cicada nervosa* Linn. Siberia²⁶
1783 *Cicada nervosa* Retzius, Gen. et Sp. Ins. :82. To *Cicada* China²⁷
nervoso-punctata De G. [error.] Netherlands²⁸
1785 *Cicada nervosa* DeFourcroy, Ent. Parisiensis :184. [De- Paelearctic
scribed.]³

Cixius

- 1787 *Cicada nervosa* Fabricius, Mantissa Ins. 2: 272. [Described.] Region²⁹
Trans-
- 1789 *Cicada nervosa* Gmelin, Linné Syst. Nat. 1 (4): 2105. caucasus³⁰
[Described.]¹ Equals *Cicada nervoso-punctata* De G. Czecho-
[error.] slovakia³¹
- 1789 *Cicada nervosa* De Villers, Linn. Ent. :460. [Described.]^{1,3} Japan³²
North
- 1791 *Fulgora nervosa* Olivier, Enc. Meth. 6: 575. [Described.]¹ Africa³³
Equals *Cicada nervosa* Linn. Equals *Cicada nervoso-punctata* De G. [error.] Caucasus³⁴
Macedonia³⁵
- 1792 *Cicada nervosa* Petagna, Inst. Ent. 2: 620. [Described.]¹ Denmark³⁶
- 1792 *Cicada neruosa* [sic] Rossi, Fauna Etrusca 2: 216. [Described.] Wales³⁷
- 1794 *Cicada nervosa* Fabricius, Entomologia Syst. 4: 42. [Described.]¹ Morocco³⁸
England³⁹
Turkestan⁴⁰
- 1799 *Cicada nervosa* Geoffrey, Hist. Abregée Ins. Third Ed. 1: 415. [Described.]
- 1802 *Cicada nervosa* Turton, Syst. Naturae Linn. 4: 596. [Described.]¹
- 1802 *Fulgora nervosa* Latreille, Hist. Nat. Ins. 3: 259. [Described.] Equals
Cicada nervosa Linn.
- 1802 *Cicada nervosa* Walckenaer, Faune Parisienne Ins. 2: 328. [Described.]
- 1802 *Fulgora nervosa* de Tigny, Hist. Nat. Ins. 4: 111. [Described.]¹
- 1803 *Flata nervosa* Fabricius, Systema Rhyng. :54. [Described.]¹ Equals *Cicada nervosa* Fabr.
- 1804 *Cixius nervosus* Latreille, Hist. Nat. Ins. 12: 311. [Described.]¹ Equals
Flata nervosa Fabr.
- 1806 *Delphax nervosa* Fallén, Vet. Akad. Handl. 27: 124. [Described.] Equals
Cicada nervosa Linn. Equals *Flata nervosa* Fabr. Equals *Cicada dionysii*
Panz. [error.]
- 1807 *Cixius nervosus* Latreille, Genera Crust. et Ins. 3: 166. [Listed.] Equals
Flata nervosa Fab.
- 1807 *Cicada neruosa* [sic] Rossi, Illiger's Fauna Etrusca 2: 347. [Described.]⁷
Equals *Cicada neruoso-punctata* [sic] De G. [error.] Equals *Cixius neruosus*
[sic] Latr. Equals *Flata neruosa* [sic] Fabr.
- 1809 *Flata nervosa* Panzer, Deutschland Ins. 103: 6. [Described, illustrated.]
Equals *Cicada nervosa* Fabr. Equals *Cicada hemerobioides* Schrank.
- 1814 *Delphax nervosa* Fallén, Hemip. Dispon. Meth. :21. [Listed.]
- 1818 *Flata nervosa* Germar, Mag. Ent. 3: 191. [Described.] Equals *Cicada nervosa* Linn.
- 1819 *Cixius nervosus* Samouelle, Ent. Comp. :230. [Listed.] Equals *Flata nervosa* Fabr.
- 1820 *Cixius nervosus* Billberg, Enum. Ins. :72. [Listed.]⁴
- 1821 *Flata nervosa* Germar, Mag. Ent. 4: 102. [Notes.]
- 1823 *Flata nervosa* Schinz, Das Thierreich 3: 591. [Described.]⁶ Equals *Cixius nervosus*.
- 1824 *Cixius nervosus* Samouelle, Ent. Comp. 2nd. Ed. :230. [Listed.] Equals
Flata nervosa Fabr.

- 1826 *Flata nervosa* Fallén, Hemip. Succiae :71. [Described.] Equals *Delphax nervosa* Fall. Equals *Cicada cynosbatis* Fabr. [error.] Equals *Cicada nervosa* Linn.
- 1828 *Cixius nervosus* Zetterstedt, Fauna Ins. Lapponica :546. [Described.] Equals *Cicada nervosa* Linn. Equals *Flata nervosa* Fabr. Equals *Delphax nervosa* Fall. Equals *Cicada cunicularia* Linn. [error.] Equals *Flata cunicularia* Fabr. [error.] Equals *Cercopis dionysii* Panz. [error.] Equals *Lystra cunicularia* Linn. [error.]
- 1828 *Cixius nervosus* Boitard, Man. Ent. Hist. Nat. Ins. 2: 155. [Described.]³ Equals *Flata nervosa* Fabr.
- 1830 *Cixius nervosus* Herrich-Schäffer, Deutschlands Ins. 112: 22. [Described, illustrated.]
- 1830 *Flata nervosa* Germar, Thon Archiv 2: 48. [Described.]^{3,6} Equals *Cicada nervosa* Linn. Equals *Fulgora nervosa* Oliv. Equals *Flata cynosbatis* Fabr. [error.]
- 1830 *Flata nervosa* Germar, Thon Archiv 2: 49. To *Flata albicincta* Germ. [error.]
- 1830 *Delphax nervosa* Germar, Thon Archiv 2: 48. To *Flata cunicularia* Germ. [error.]
- 1833 *Flata nervosa* Germar, Rev. Ent. Silbermann 1: 175. [Listed.]
- 1834 *Cixius nervosus* Costa, Cenni Zool. :83. [Listed.]⁷
- 1834 *Cixius nervosus* Guérin-Ménéville, Voyage aux Indes Belanger 1: 464. Equals *Flata nervosa* Fabr.
- 1835 *Cixia nervosa* Burmeister, Handb. Ent. 2 (1): 157. [Described.]⁶ Equals *Cicada nervosa* Linn. Equals *Fulgora nervosa* Oliv. Equals *Flata nervosa* Germ. Equals *Flata cynosbatis* Fabr. [error.]
- 1835 *Delphax nervosa* Burmeister, Handb. Ent. 2 (1): 157. To *Cixius cunicularia* Linn. [error.]
- 1835 *Flata nervosa* Burmeister, Handb. Ent. 2 (1): 158. To *Cixia albicincta* Germ. [error.]
- 1835 *Flata nervosa* Herrich-Schäffer, Nom. Ent. 1: 65. [Key.] :105. [Listed.] Equals *Cicada nervosa* Linn. Equals *Fulgora nervosa* Oliv. Equals *Flata cynosbatis* Fabr. [error.] Equals *Delphax nervosa* Fall.
- 1835 *Flata nervosa* Herrich-Schäffer, Nom. Ent. 1: 105. To *Flata contaminatus* Germ. [error.] To *Flata albicincta* Germ. [error.]
- 1835 *Cicada nervosa* Herrich-Schäffer, Nom. Ent. 1: 103. To *Flata nervosa* Germ.
- 1837 *Cixius nervosus* Curtis, British Ent. 14: Pl. 673. [Listed.]
- 1837 *Flata nervosa* Gistel, Cicaden München :107 (12). [Listed.]⁶
- 1837 *Cixius nervosus* Curtis, Guide Arrang. British Ins. Ed. 2: 223. [Listed.]⁸
- 1839 *Cixius nervosa* Spinola, Ann. Soc. Ent. France 8: 327. [Listed.]¹
- 1840 *Cixia nervosa* Blanchard, Hist. Nat. Ins. Hémipt. 3: 173. [Described.]¹ Equals *Cicada nervosa* Linn. Equals *Flata cynosbatis* Fabr. [error.] Equals *Fulgora nervosa* Oliv. Equals *Flata nervosa* Germ.
- 1840 *Flata nervosa* Blanchard, Hist. Nat. Ins. Hémipt. 3: 174. To *Cixia albicincta* Germ. [error.]
- 1840 *Cixius nervosus* Zetterstedt, Ins. Lapponica Desc. :304. [Described.]⁵

- Equals *Cicada nervosa* Linn. Equals *Flata nervosa* Fabr. Equals *Delphax nervosa* Fall. Equals *Cicada cunicularia* Linn. [error.] Equals *Lystra cunicularia* Fabr. [error.] Equals *Cercopis dionysii* Panz. [error.] Equals *Flata cunicularia* Fabr. [error.]
- 1843 *Cixius nervosus* Amyot and Serville, Hist. Nat. Ins. Hémipt. :508. [Described.]³ Equals *Cicada nervosa* Linn. Equals *Cicada nervoso-punctata* De G. [error.] Equals *Flata nervosa* Linn. Equals *Fulgora nervosa* Linn. Equals *Flata cynosbatis* Fabr. [error.]
- 1843 *Cixius nervosus* Boitard, Nouveau Man. Ent. 3: 83. [Described.]³ Equals *Flata nervosa* Fabr.
- 1844 *Cixia nervosa* Blanchard, Dict. Univ. d'Hist. Nat. 3: 728. [Note.] Equals *Cicada nervosa* Linn.
- 1845 *Cixie* [sic] *nervosa* Blanchard, Hist. Ins. 2: 427. [Listed.]¹
- 1846 *Cixia nervosa* Gimmerthal, Corr. Nat. Riga 1: 27. [Listed.]⁹
- 1847 *Cixius nervosus* [non binom.] Amyot, Ann. Soc. Ent. France (2) 5: 165. [Described.]¹ Equals *Cicada varius* Fabr. [error.] Equals *Cicada cynosbatis* Fabr. [error.] Equals *Cicada nervosus* Linn. Equals *Cicada nervoso-punctatus* De G. [error.]
- 1848 *Cixius nervosus* [non binom.] Amyot, Méth. Mon. :361. [Described.]¹ Equals *Cicada nervosus* Linn. Equals *Cicada cynosbatis* Fabr. [error.] Equals *Cicada varius* Fabr. [error.] Equals *Cicada nervoso-punctatus* De G. [error.]
- 1849 *Cixia nervosa* Lucas, Exploration Sci. l'Algérie :103. [Listed.]²⁴ Equals *Cicada nervosa* Linn. Equals *Cixius* Amyot. Equals *Cixia stigmatica* Burm. [error.] Equals *Flata varia* Fabr. [error.]
- 1849 *Cixius nervosus* Blanchard, Cuvier's Le Regne Animal 6: Pl. 97, Figs. 3, 3a. [Illustrated.]
- 1850 *Cixia nervosa* Blanchard, Hist. Nat. Ins. 3 (1): 173. [Described.]¹ Equals *Cicada nervosa* Linn. Equals *Flata cynosbatis* Fabr. [error.] Equals *Fulgora nervosa* Oliv. Equals *Flata nervosa* Germ. Equals *Cixius nervosus* Latr.
- 1850 *Flata nervosa* Blanchard, Hist. Nat. Ins. 3 (1): 174. To *Cixia albicincta* Germ. [error.]
- 1850 *Delphax nervosa* Blanchard, Hist. Nat. Ins. 3 (1): 174. To *Cixia cunicularia* Linn. [error.]
- 1850 *Cixius nervosus* Schaum, Allg. Ency. Ersch und Gruber 51: 68. [Listed.]¹ Equals *Cicada nervosa* Linn. Equals *Fulgora nervosa* Oliv. Equals *Flata nervosa* Germ. Equals *Flata cynosbatis* Fabr. [error.]
- 1850 *Flata nervosa* Schaum, Allg. Ency. Ersch und Gruber 51: 68. To *Cixius contaminatus* Germ. [error.]
- 1850 *Delphax nervosa* Schaum, Allg. Ency. Ersch und Gruber 51: 68. To *Cixius cunicularius* Linn. [error.]
- 1851 *Cixius nervosus* Walker, List Homop. British Mus. 2: 341. [Listed.]³⁹ Equals *Cicada nervosa* Linn. Equals *Cicada cynosbatis* Fabr. [error.] Equals *Fulgora nervosa* Oliv. Equals *Flata nervosa* Fabr. Equals *Flata cynosbatis* Fabr. [error.] Equals *Cixia nervosa* Burm. Equals *Cixius* Amyot.

- 1851 *Flata nervosa* Walker, List. Homop. British Mus. 2: 340. To *Cixius albicinctus* Latr. [error.]
- 1851 *Delphax nervosa* Walker, List Homop. British Mus. 2: 340. To *Cixius cunicularius* Linn. [error.]
- 1852 *Cixius nervosus* Boheman, Vet. Akad. Handl. 1851: 113. [Listed.]¹
- 1852 *Cixius nervosus* Walker, List Homop. British Mus. 4 Suppl.: 1135. [Listed.] Equals *Flata nervosa* Panz. Equals *Cixius cynosbatis* Zett. [error.]
- 1857 *Cixius nervosus* Dallas, Elem. Ent. :410. [Notes.]³⁹
- 1859 *Cixius nervosus* Dohrn, Cat. Hemip. :60. To *Cixius cunicularius* Linn. [error.]
- 1859 *Cixius nervosus* Dohrn, Cat. Hemip. :60. [Listed.]¹ Equals *Cixius cynosbatis* Fabr. [error.]
- 1859 *Cixius nervosus* Dohrn, Cat. Hemip. :60. To *Cixius albicinctus* Latr. [error.]
- 1860 *Flata nervosa* Dumeril, Mem. Acad. Sci. Inst. Imp. 31 (2): 1048. [Described.]
- 1860 *Cixius nervosus* Walker, List British Hemip. :16. [Listed.]³⁹
- 1861 *Cixius nervosus* Flor, Rhynch. Livlands 2: 22. [Described.]¹ Equals *Cixia nervosa* Burm. Equals *Cixia stigmatica* Burm. [error.] Equals *Cicada nervoso-punctata* De G. [error.] Equals *Flata nervosus* Fall. Equals *Flata stigmatica* Germ. [error.] Equals *Cicada nervosa* Linn. Equals *Cicada cunicularia* Linn. [error.] Equals *Cicada muscaeformis* Schr. [error.] Equals *Flata cynosbatis* Fabr. [error.] Equals *Cixia cunicularia* Burm. [error.] Equals *Cicada hemerobioides* Schr. Equals *Flata cunicularia* Fabr. [error.]
- 1861 *Cixius nervosus* Flor, Rhynch. Livlands 2: 24. To *Cixius contaminatus* Germ. [error.]
- 1862 *Cixius nervosus* Curtis, Homop. British Ent. :Pl. 673. [Listed.]
- 1862 *Cixius nervosus* Graaf, Six, Snellen van Vollenhoven, Tijdschr. Ent. 5: 76. [Listed.]
- 1863 *Cixius nervosus* Gerstaecker, Peters, Carus, Gerstaecker Handb. der Zoologie 2: 300. [Described.]⁶ Equals *Cicada nervosus* Linn.
- 1864 *Cixius nervosus* Marshall, Ent. Monthly Mag. 1: 154. [Described.]⁸ Equals *Cixius stigmaticus* Latr. [error.] Equals *Cixius dionysii* Panz. [error.] Equals *Cixius cunicularius* Linn. [error.]
- 1866 *Cixius nervosus* Bellevoeye, Cat. Hémip. Moselle :142 (30). [Listed.]³
- 1866 *Cixius nervosus* Marshall, Ent. Monthly Mag. 3: 118. [Listed.]³⁹
- 1868 *Cixius nervosus* Kirschbaum, Cicad. Wiesbaden :47. [Key.]
- 1868 *Cixius nervosus* Sahlberg, Not. Fenn. (n. s.) 9 (9): 186. [Listed.]
- 1869 *Cixius nervosus* Lethierry, Cat. Hémip. du Nord :353. [Listed.]³
- 1870 *Cixius nervosus* Oshanin, "Cat. Hemip. Moscou" :45. [Listed.]⁴¹
- 1870 *Cixius nervosus* Scott, Ent. Monthly Mag. 7: 146. [Described.]³⁹ Equals *Cicada nervosa* Linn. Equals *Cicada cunicularia* Linn. [error.] Equals *Flata nervosa* Fabr. Equals *Cixia nervosa* Burm. :121. [Key.]
- 1870 *Cixius nervosus* Siebke, Ent. Reise :71. [Listed.]¹²
- 1870 *Cixius nervosus* Wallengren, Ofv. Svenska Vet. Akad. Forh. 1870: 181. [Listed.]⁴

Cixius

- 1871 *Cixius nervosus* Brischke, Verz. Wanzen und Zirpen Prov. Preussen :13. [Listed.]²¹
- 1871 *Cixius nervosus* Sahlberg, Not. Fenn. (n. s.) 9 (12): 381. [Described.]¹¹
 Equals *Cicada nervosus* Linn. Equals *Flata nervosus* Germ. Equals *Cixia nervosus* Burm. Equals *Cicada muscaeformis* Schr. [error.] Equals *Cixius minor* Kb. [error.]
- 1871 *Flata nervosa* Sahlberg, Not. Fenn. (n. s.) 9 (12): 380. To *Cixius cunicularius* Linn. [error.]
- 1872 *Cixius nervosus* Fieber, Verh. Zool. Bot. Ges. Wien 22: 29. [Listed.]
- 1872 *Cixius nervosus* Fieber, Kat. Europäischen Cicad. :3. [Listed.]¹
- 1874 *Cixius nervosus* Lethierry, Cat. Hémip. Dept. du Nord 2nd. Ed. :256 (52). [Listed.]³
- 1874 *Cixius nervosus* Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 85. [Notes.]⁶
- 1874 *Cixius nervosus* Siebke, Enum. Ins. Norvegicorum :39. [Listed.]¹²
- 1875 *Cixius nervosus* Puton, Cat. Hémip. d'Europe 2nd. Ed. :112. [Listed.]¹
 Equals *Cixius muscaeformis* Schr. [error.] Equals *Cixius minor* Kb. [error.]
- 1876 *Cixius nervosus* Douglas and Scott, Cat. British Hemip. :65. [Listed.]⁸
 Equals *Cicada nervosa* Linn. Equals *Cicada cunicularia* Linn. [error.]
 Equals *Flata nervosa* Fabr. Equals *Cixia nervosa* Burm.
- 1876 *Cixius nervosus* Fieber, Cicad. d'Europe Pt. 2: 186 (176). [Key.]¹ Equals *Cicada nervosa* Linn. Equals *Flata nervosa* Fabr. Equals *Cixia nervosa* Burm.
- 1877 *Cixius nervosus* Taschenberg, Brehm's Tierleben :597. [Notes, illustrated.]
- 1878 *Cixius nervosus* Lethierry, Ann. Soc. Ent. Belgique 21: 36. [Listed.]¹³
- 1878 *Cixius nervosus* Dale, History of Glanville's Wootton :304. [Listed.]³⁹
- 1879 *Cixius nervosus* Norman, Ent. Monthly Mag. 15: 255. [Listed.]³⁹
- 1879 *Cixius nervosus* Bolivar and Chicote, An. Soc. Española 8: 175. [Listed.]¹⁴
- 1880 *Cixius nervosus* Norman, Ent. Monthly Mag. 16: 213. [Listed.]³⁹
- 1880 *Cixius nervosus* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 53. [Listed.]³
- 1880 *Cixius nervosus* Taschenberg, Brehm's Tierleben 2nd Ed. :597. [Notes, illustrated.]
- 1881 *Cixius nervosus* Mayr, Ber. Natur.-Med. Ver. Innsbruck 10: 84 (8). [Listed.]²
- 1882 *Cixius nervosus* Dalla Torre, Ber. Natur.-Med. Ver. Innsbruck 12: 56. [Listed.]
- 1882 *Cixius nervosus* Heller and Dalla Torre, Sitzber. Akad. Wiss. 86: 24 (17). [Listed.]²
- 1882 *Cixius nervosus* Ferrari, Cicad. Agri Ligustici :80 (8). [Key, listed.]⁷
 :81 (9). Equals *Cicada nervosa* Linn.
- 1883 *Cixius nervosus* Karsch, Insektenwelt :649. [Described.]
- 1884 *Cixius nervosus* Mayr, Tabellen :17. [Listed.]¹
- 1884 *Cixius nervosus* Uhler, Standard Nat. Hist. 2: 240. [Notes.]
- 1884 *Cixius nervosus* Edwards, Trans. Nat. Soc. Norwich 3: 713. [Listed.]³⁹

- 1885 *Cixius nervosus* Ivanoff, Liste des Cigales :88. [Listed.] :109. [Key.]
- 1885 *Cixius nervosus* Reuter, Ofv. Finska. Vet. Soc. Forh. **26**: 28. [Listed.]
- 1885 *Cixius nervosus* Girard, Traite Elem. Ent. **3**: 860. [Described.]²⁴
- 1885 *Cixius nervosus* Ferrari, Bull. Soc. Ent. Italiana **17**: 270. [Listed.]⁷ Equals *Cicada nervosa* Linn.
- 1885 *Cixius nervosus* Ferrari, Ann. Mus. Genova (2) **2**: 417. [Listed.] Equals *Cicada nervosa* Linn.
- 1885 *Cixius nervosus* Kirby, Elem. Text-book Ent. 1st. Ed. :212. [Notes.]¹
- 1885 *Cixius nervosus* Fairmaire, Hist. Nat. France Hémipt. :143. [Described.]³
- 1885 *Cixius nervosus* Kunckel d'Hercule, Brehm's Insectes **2**: 482; Fig. 1603. [Described, illustrated.]¹
- 1886 *Cixius nervosus* Then, Kat. österreichischen Cicad. :10. [Listed.]^{1,2,31}
- 1886 *Cixius nervosus* Puton, Cat. Hémipt. Faune Pal. :69. [Listed.]¹ Equals *Cixius minor* Kb. [error.]
- 1886 *Cixius nervosus* Edwards, Syn. British Homop.-Cicadina Pt. **1**: 51. [Key.] :54. [Described.]⁸ Equals *Cicada nervosa* Linn. Equals *Cicada cunicularia* Linn. [error.] Equals *Flata nervosa* Fabr. Equals *Cixia nervosa* Burm. Equals *Cixius minor* Kb. [error.] Equals *Cicada muscaeformis* Schr. [error.]
- 1886 *Flata nervosa* Edwards, Syn. British Homop.-Cicadina Pt. **1**: 53. To *Cixius cunicularius* Linn. [error.]
- 1886 *Cixius nervosus* Leunis, Synop. Thierkunde **2**: 464. [Described.]¹
- 1887 *Cixius nervosus* Fauvel, Rev. Ent. **6**: 16. [Listed.]³
- 1888 *Cixius nervosus* Edwards, Ent. Monthly Mag. **25**: 101. [Key.] :100. [Listed.]⁸
- 1888 *Cixius nervosus* Dubois, Mém. Soc. Linn. Nord. France **7**: 153 (57). [Listed.]³
- 1888 *Cixius nervosus* Costa, Atti Acc. Sci. Napoli (2) **1** (2): 70. [Listed.]⁷
- 1888 *Cixius nervosus* Costa, Atti Acc. Sci. Napoli (2) **1** (9): 39. [Listed.]⁷
- 1890 *Flata nervosa* Buckton, Mon. British Cicadae **1**: 19. To *Cixius cunicularius* Linn. [error.]
- 1890 *Cixius nervosus* Buckton, Mon. British Cicadae **1**: 18; Pl. IV, Figs. 5-9. [Described, illustrated.]⁸ Equals *Cicada nervosa* Linn. Equals *Flata nervosa* Germ. Equals *Cixia nervosa* Burm. Equals *Cicada cunicularia* Linn. [error.] :24. [Key.]
- 1890 *Cixius nervosus* Saunders and Edwards, Cat. British Hemip. :11. [Listed.]⁸
- 1890 *Cixius nervosus* Dominique, Ann. Soc. Acad. Loire-Inf. **1890**: 25. [Listed.]³
- 1890 *Cixius nervosus* Hansen, Ent. Tijdskr. **11**: 39. [Morphology.]
- 1890 *Cixius nervosus* Funk, Ber. Nat. Ges. Bamberg **15**: 139. To *Cixius pilosus* Oliv. [error.]
- 1892 *Cixius nervosus* Ferrari, Ann. Mus. Genova (2) **12**: 568 (20). [Listed.]⁷
- 1892 *Cixius nervosus* Dominique, Bull. Soc. Sci. Nat. Ouest France **2**: 115. [Listed.]³
- 1892 *Cixius nervosus* Duda, Cat. Ins. Faunae Bohemicae :27. [Listed.]¹⁶ Equals *Cixius minor* Kb. [error.]
- 1892 *Cixius nervosus* Spitzner, Hemip. Mährens :(26). [Listed.]¹⁷

Cixius

- 1892 *Cixius nervosus* Kirby, Elem. Text-book Ent. 2 Ed. :212. [Notes.]¹
 1892 *Cixius nervosus* Lethierry, Rev. Hémip. Belgique :21. [Listed.]¹³
 1892 *Cixius nervosus* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]¹³
 1893 *Cixius nervosus* Bezzi, Bull. Soc. Ent. Italiana 25: 107 (27). [Listed.]⁷
 1893 *Cixius nervosus* Taschenberg, Brehm's Tierleben 3 Ed. :641; Fig. 1. [Notes, illustrated.]¹
 1894 *Cixius nervosus* Verhoeff, Verh. Ver. Rheinland 1894: 341. [Morphology.]
 1894 *Cixius nervosus* Edwards, Hemip.-Homop. British Islands Pt. 1: 24. [Key.] :25; Pl. 3, Fig. 9. [Described, illustrated.]¹⁸
 1896 *Cixius nervosus* Melichar, Cicad. Mittel-Europa :23; Pl. 2, Figs. 10–18. [Described, illustrated.]^{1,2,6} Equals *Cicada nervosa* Linn. Equals *Flata nervosa* Fabr. Equals *Cixia nervosus* Burm. Equals *Cicada muscaeformis* Schr. [error.] :22. [Key.]
 1897 *Cixius nervosus* Noualhier, Rev. Ent. 16: 79; Pl. 1, Fig. 2. [Illustrated.]
 1897 *Cixius nervosus* Aclouque, Faune France :401. [Key.]³
 1897 *Cixius nervosus* Horváth, Fauna Regni Hungariae :54. [Listed.]²²
 1899 *Cixius nervosus* Melichar, Wien. Ent. Zeit. 18: 178. [Listed.]²⁵
 1899 *Cixius nervosus* Marchal, Bull. Soc. Hist. Nat. Autun 11: 588. [Listed.]³
 1899 *Cixius nervosus* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]¹ Equals *Cixius minor* Kb. [error.]
 1900 *Cixius nervosus* [sic] Fokker, Tijdschr. Ent. 42: 14. [Listed.]⁶
 1900 *Cixius nervosus* Fokker, Tijdschr. Ent. 42: 24. [Listed.]²⁴
 1900 *Cixius nervosus* Hansen, Entomologist 33: 169. [Morphology.]
 1900 *Cixius nervosus* Strobl, Mitt. Natur. Ver. Steiermark 36: 202. [Listed.]⁶
 1901 *Cixius nervosus* Lambertie, Act. Soc. Linn. Bordeaux 56: (85). [Listed.]³
 1901 *Cixius nervosus* Leonardi, Gli Insetti 4: 131; Fig. 45. [Described, illustrated.] Equals *Cixius* Amyot. Equals *Cixia nervosa*. Equals *Flata cynosbatis*. Equals *Flata nervosa*. Equals *Fulgora nervosa*. Equals *Cicada cinosbatis*. Equals *Cicada nervosa*.
 1902 *Cicada nervosa* Sherborn, Index Animalium 1758–1800: 652. [Listed.]
 1902 *Cixius nervosus* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) 2: 221. [Listed.]³
 1902 *Cixius nervosus* Cobelli, Cicadine Trentino :7. [Listed.]⁷
 1902 *Cixius nervosus* Melichar, Ann. Mus. St. Petersburg 7: 85 (10). [Listed.]¹⁹
 1903 *Cixius nervosus* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 58. [Listed.]²
 1903 *Cixius nervosus* Horváth, Ann. Mus. Nat. Hungarici 1: 27. [Listed.]²⁰
 1904 *Flata nervosa* Swezey, Prelim. Cat. Fulgoridae North America :26. To *Cixius albicincta* Germ. [error.]
 1904 *Cixius nervosus* Hueber, Syst. Verz. deutschen Zikadinen :267. [Listed.]⁶ Equals *Cixius minor* Kb. [error.]
 1906 *Cixius nervosus* Matsumura, Schr. Nat. Ges. Danzig 11: 75. [Listed.]²¹
 1907 *Cixius nervosus* Bierman, Ent. Berichten 2: 51. [Listed.]²⁸
 1907 *Cixius nervosus* Oshanin, Verz. Palaeark. Hemip. 2: 243. [Listed.]^{2,3,4,5,6,7,8,9,11,14,22,23,24,25,26,27} Equals *Cicada nervosa* Linn. Equals *Cixius minor* Kb. [error.]
 1907 *Cixius nervosus* Butler, Hemip. Hastings :56. [Listed.]³⁹

- 1907 *Cixius nervosus* Oshanin, Cat. Homop. St. Pétersbourg :242 (30).
[Listed.]⁹
- 1908 *Cixius nervosus* Saunders and Edwards, Cat. of British Hemip. :14.
[Listed.]⁸
- 1908 *Cixius nervosus* Oshanin, Verz. Palaeark. Hemip. **3**: 446. [Listed.]^{13,9,28}
- 1908 *Cixius nervosus* Whittaker, Hemip.-Homop. Lancashire and Cheshire
:22. [Listed.]³⁹
- 1908 *Cixius nervosus* Reuter, Acta Soc. Sci. Fennicae **36** (1): 72. [Listed.]¹²
- 1910 *Cixius nervosus* Sulc, Sitzber. Kgl. Bohmischen Ges. Wiss. **1910**: 18.
[Listed.]
- 1910 *Cixius nervosus* Lambertie, Misc. Ent. **18**: 89. [Listed.]³ Equals *Cixius
minor* Kb. [error.]
- 1910 *Cixius nervosus* Oshanin, Ann. Mus. Zool. St. Petersburg **15**: 182.
[Listed.]¹²
- 1911 *Cixius nervosus* Licent, Bull. Soc. Ent. France **1911**: 51. [Malpighian
tubules.]
- 1911 *Cixius nervosus* Schumacher, Ent. Rundsch **28**: 156. [Listed.]
- 1912 *Cixius nervosus* Schumacher, Ent. Rundsch **29**: 95. [Listed.]
- 1912 *Cixius nervosus* Sabrinsky, Mitt. Natur. Ver. Steiermark **48**: 316.
[Listed.]²
- 1912 *Cixius nervosus* Butler, Ent. Monthly Mag. **46**: 189. [Listed.]³⁹
- 1912 *Cixius nervosus* Licent, Rech. d'Anat. Homop. :116; Pl. III, Fig. 42.
Text fig. 38. [Illustrated, digestive system.]
- 1912 *Cixius nervosus* Schmidt, Stett. Ent. Zeit. **73**: 147. [Notes.]⁶
- 1912 *Cixius nervosus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]²⁹
- 1913 *Cixius nervosus* Dalla Torre, Ent. Jahrb. **22**: 149. [Listed.]²
- 1913 *Cixius nervosus* Horváth, Mitt. Kaukasischen Mus. **7**: 201 (2). [Listed.]³⁰
- 1913 *Cixius nervosus* Melichar, Faune Walouyki Russie **7**: 5. [Listed.]⁹
- 1914 *Cixius nervosus* Matsumura, Annot. Zool. Japonenses **8**: 395. [Listed.]¹.
^{32,33} Equals *Cicada nervosa* Linn.
- 1914 *Cixius nervosus* Melichar, Mitt. Kaukasischen Mus. **8**: 133 (7). [Listed.]³¹
- 1915 *Cixius nervosus* Jacobsen, Ent. Medd. **10**: 318. [Listed.]³⁶
- 1915 *Cixius nervosus* Jensen-Haarup, Kobenhavn Flora og Fauna **1915**: 87.
[Described.]³⁶ :86. [Key.]
- 1917 *Cicada hemerobioides* Haupt, Stett. Ent. Ziet. **78**: 145. [Described.]
Equals *Cicada nervosa* Linn.
- 1918 *Cixius nervosus* Horváth, Ann. Mus. Nat. Hungarici **16**: 337. [Listed.]³⁵
- 1919 *Cixius nervosus* Lyle, Entomologist **52**: 7. [Listed.]
- 1920 *Cixius nervosus* Jensen-Haarup, Danmarks Fauna :23; Figs. 9IIc, 10.
[Described, illustrated.]³⁶ :20. [Key.]
- 1920 *Cixius nervosus* Tullgren and Wahlgren, Svenska Insekter :150. [Notes.]
- 1922 *Cixius nervosus* Stichel, Int. Ent. Zeit. **16**: 132. [Listed.]
- 1924 *Cixius nervosus* Lindberg, Acta Soc. Fauna Flora Fenn. **56**: 38. [Notes.]
:45. [Listed.]¹¹
- 1924 *Cixius nervosus* Lindberg, Not. Ent. **4**: 43. [Listed.]⁴
- 1925 *Cixius nervosus* Brown, Ent. Monthly Mag. **61**: 63. [Listed.]³⁷
- 1925 *Cixius nervosus* Della Beffa, Boll. Soc. Ent. Italiana **57**: 146. [Listed.]⁷

Cixius

- 1925 *Cixius* [sic] *nervosus* Kupka, Mitt. Munch. Ent. Ges. 15: 111. [Listed.]⁶
 1925 *Cixius nervosus* Singh-Pruthi, Trans. Ent. Soc. London 1925: 221; Pl. XXIX, Fig. 244. [Genitalia, illustrated.]
 1926 *Cixius nervosus* Codina, Butll. Inst. Catalana Hist. Nat. (2) 5: 269 (2). [Listed.]³⁸
 1926 *Cixius nervosus* Heymons, Brehm's Tierleben 2: 156. [Notes, illustrated.]⁶
 1926 *Cixius nervosus* Rémy-Perrier, Homop. Faune France :91. [Key.]
 1927 *Cixius nervosus* Perrier, Traité Zool. 3: 1318. [Listed.]
 1927 *Cixius nervosus* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 142. [Listed.]³
 1928 *Cixius nervosus* Natwig, Norske Insekter 1: 197; Fig. 160. [Listed, illustrated.]
 1928 *Cixius nervosus* Ivanov, Rev. Russe d'Ent. 22: 65; Fig. 1. [Illustrated.]
 1929 *Cixius nervosus* Haupt, Zool. Jahrb. Syst. Okol. 58: 181; Figs. 3, 4, 8. [Illustrated.]
 1929 *Cixius nervosus* Kusnezov, Zool. Anz. 79: 328. [Listed.]⁴⁰
 1930 *Cixius nervosus* Britten, Check List Fauna Lancashire and Cheshire 1: 74. [Listed.]³⁹
 1931 *Cixius nervosus* Matsumura, 6000 Ill. Ins. Japan Empire :1265. [Described, illustrated.]³²

***nervosa* var. *atavus* Schumacher**

- 1912 *Cixius nervosus atavus* Schumacher, Ent. Rundsch 29: 95. [n. var.]

***nervosa* var. *fasciata* Fieber**

- 1872 *Cixius nervosus fasciatus* Fieber, Kat. Europäisichen Cicad. :3. [Listed.] [nom. nud.]¹ Europa¹
 Bohemia²
 1875 *Cixius nervosus fasciatus* Puton, Cat. Hémipt. d'Europe 2d. E. :112. [Listed.] [nom. nud.] Hungary³
 Germany⁴
 1876 *Cixius nervosus fasciata* Fieber, Cicad. d'Europe Pt. 2: 185 (175). [var. n.] Serbia⁵
 Tunis⁶
 1886 *Cixius nervosus fasciatus* Puton, Cat. Hémipt. Faune Pal. :69. [Listed.] Great Britain⁷
 1892 *Cixius nervosus fasciatus* Duda, Cat. Ins. Faunae Bohemicae :27. [Listed.]² Austria⁸
 1897 *Cixius nervosus fasciatus* Horváth, Fauna Regni Hungariae :54. [Listed.]³
 1899 *Cixius nervosus fasciatus* Melichar, Wien. Ent. Zeit. 18: 178. [Listed.]⁶
 1899 *Cixius nervosus fasciatus* Puton, Cat. Hémipt. Faune Pal. :103. [Listed.]
 1900 *Cixius nervosus fasciata* Strobl, Mitt. Natur. Ver. Steiermark 36: 202. [Listed.]⁸
 1903 *Cixius nervosus fasciatus* Horváth, Ann. Mus. Nat. Hungarici 1: 27. [Listed.]⁵
 1904 *Cixius nervosus fasciatus* Hueber, Syst. Verz. deutschen Zikadinen :267. [Listed.]⁴
 1907 *Cixius nervosus fasciatus* Oshanin, Verz. Palaeark. Hemip. 2: 243. [Listed.]¹

- 1908 *Cixius nervosus fasciatus* Saunders and Edwards, Cat. of British Hemip.
:14 [Listed]⁷
1912 *Cixius nervosus fasciatus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]

nervosa var. **minor** Ferrari

- 1885 *Cixius nervosus minor* Ferrari, Bull. Soc. Ent. Italiana Italy¹
17: 270. [var. n.]¹

nervosus. Typographical error for *Cixius nervosa* Linné.

nervoso-punctatus De Geer. See *Cixius cunicularia* Linné.

nervosus var. *cunicularius* Linné. See *Cixius cunicularia* Linné.

nervosus var. *dionysii* Panzer. See *Cixius cunicularia* Linné.

nervosus var. *stigmaticus* Latreille. See *Cixius stigmatica* Latreille.

nervosus Flor (female) [nec Linné]. See *Cixius cunicularia* Linné.

nervosus Kirschbaum (female) [nec Linné]. See *Cixius cunicularia* Linné.

nexus Walker. See *Andes nexus* Walker.

nitens Melichar

- 1914 *Cixius nitens* Melichar, Notes Leyden Mus. 36: 95. Java¹
[n. sp.]¹

nitobei Matsumura

- 1914 *Cixius nitobei* Matsumura, Annot. Zool. Japonenses 8: Formosa¹
401. [n. sp.]¹
1915 *Cixius nitobei* Schumacher, Homop.-Fauna Insel Formosa :113. [Listed.]¹
1915 *Cixius nitobei* Schumacher, Suppl. Ent. 4: 131. [Listed.]¹

notaticollis Rey (var.). See *Cixius pallipes* var. *notaticollis* Rey.

notativertex Rey (var.). See *Cixius heydeni* var. *notativertex* Rey.

nubilus Walker. See *Leirioessa nubilus* Walker.

obliquus Stephens

- 1829 *Cixius obliquus* Stephens, Cat. British Ins. :356. England¹
[Listed.]¹ [nom. nud.]
1929 *Cixius obliqua* Sherborn, Index Animalium 18: 4464. [Listed.] [nom. nud.]

obscurus Walker. See *Cixius australis* Walker.

obscurus Signoret. See *Oliarus obscurus* Signoret.

obsoletus Signoret. See *Hyalesthes obsoletus* Signoret.

oppositus Walker. See *Oliarus oppositus* Walker.

ornatipennis Spinola

- 1852 *Cixius ornatipennis* Spinola, Gay's Hist. Chili 7: 252. Chile¹
[n. sp.]¹

pallens Spinola

- 1852 *Cixius pallens* Spinola, Gay's Hist. Chili 7: 256. [n. sp.]¹ Chile¹
pallens Germar. See *Oliarus pallens* Germar.

Cixius

pallens Walker. See *Mundopa pallida* Metcalf.

pallidipennis Guérin-Méneville. See *Paradetya pallidipennis* Guérin-Méneville. Family

NOGODINIDAE.

pallidus Herrich-Schäffer. See *Oliarus pallens* Germar.

pallipes Fieber

- 1872 *Cixius pallipes* Fieber, Kat. Europäischen Cicad. :3. Southern
[Listed.]¹ [nom. nud.] Europe¹
- 1875 *Cixius pallipes* Puton, Cat. Hémipt. d'Europe 2 Ed. :113. Italy²
[Listed.]⁵ [nom. nud.] Greece³
- 1876 *Cixius pallipes* Fieber, Cicad. d'Europe Pt. 2: 191 (181). France⁴
[n. sp.]^{2,5,9} Southern
- 1886 *Cixius pallipes* Puton, Cat. Hémipt. Faune Pal. :69. France⁵
[Listed.]^{2,5} Hungary⁶
- 1890 *Cixius pallipes* Dominique, Ann. Soc. Acad. Loire-Inf. Serbia⁷
1890: 25. [Listed.]¹ Rumania⁸
- 1891 *Cixius pallipes* Fauvel, Rev. Ent. 10: 58. [Listed.]⁴ Corsica⁹
- 1892 *Cixius pallipes* Ferrari, Ann. Mus. Genova (2) 12: 568 (20). [Listed.]²
- 1892 *Cixius pallipes* Dominique, Bull. Soc. Sci. Nat. Ouest France 2: 115.
[Listed.]⁴
- 1897 *Cixius pallipes* Horváth, Fauna Regni Hungariae :54. [Listed.]⁶
- 1899 *Cixius pallipes* Puton, Cat. Hémipt. Faune Pal. :103. [Listed.]^{2,5,6}
- 1901 *Cixius pallipes* Lambertie, Act. Soc. Linn. Bordeaux 56: (86). [Listed.]⁴
- 1902 *Cixius pallipes* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) 2: 221.
[Listed.]⁴
- 1903 *Cixius pallipes* Horváth, Ann. Mus. Nat. Hungarici 1: 27. [Listed.]⁷
- 1903 *Cixius pallipes* Lambertie, Act. Soc. Linn. Bordeaux 58: (2). [Listed.]⁴
- 1904 *Cixius pallipes* Lambertie, Act. Soc. Linn. Bordeaux 59: XXX (14).
[Listed.]⁴
- 1907 *Cixius pallipes* Oshanin, Verz. Palaeark. Hemip. 2: 244. [Listed.]^{2,5,6,8,9}
- 1908 *Cixius pallipes* Oshanin, Verz. Palaeark. Hemip. 3: 446. [Listed.]³
- 1910 *Cixius pallipes* Lambertie, Misc. Ent. 18: 89. [Listed.]⁴
- 1910 *Cixius pallipes* Oshanin, Ann. Mus. Zool. St. Petersburg 15: 182.
[Listed.]⁴
- 1912 *Cixius pallipes* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]¹

pallipes var. **fumipennis** Horváth

- 1897 *Cixius pallipes fumipennis* Horváth, Term. Fuzetek. Croatia¹
20: 620. [n. var.]¹ South
- 1897 *Cixius pallipes fumipennis* Horváth, Fauna Regni Hungariae :54. [Listed.]³ Hungary²
(Yugo-
- 1899 *Cixius pallipes fumipennis* Puton, Cat. Hémipt. Faune Slavia)
Pal. :103. [Listed.]¹ Hungary³
- 1907 *Cixius pallipes fumipennis* Oshanin, Verz. Palaeark. Hemip. 2: 244. [Listed.]¹
- 1912 *Cixius pallipes fumipennis* Oshanin, Kat. Palaeark. Hemip. :117.
[Listed.]²

pallipes var. **notaticollis** Rey1894 *Cixius pallipes notaticollis*[sic] Rey, Échange **10**: 14. [n. var.] France¹1910 *Cixius pallipes notaticollis* Oshanin, Ann. Mus. Zool.
St. Petersburg **15**: 182. [Listed.]¹1912 *Cixius pallipes notaticollis* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]¹*panorpaepennis* Guérin-Méneville. See *Salona panorpaepennis* Guérin-Méneville. Family
NOGODINIDAE.**parinari** Rochebrune1883 *Cixius parinari* Rochebrune, Bull. Soc. Philom. Paris Senegambia¹
(7) **7**: 177. [n. sp.]¹**parumpunctatus** Signoret1884 *Cixius parumpunctatus* Signoret, Bull. Soc. Ent. France Turkestan¹
(6) **4**: LXXIX. [n. sp.]¹1886 *Cixius parumpunctatus* Puton, Cat. Hémipt. Faune Pal. :69. [Listed.]¹1899 *Cixius parumpunctatus* Puton, Cat. Hémipt. Faune Pal. :103. [Listed.]¹1907 *Cixius parumpunctatus* Oshanin, Verz. Palaeark. Hemip. **2**: 245. [Listed.]¹1912 *Cixius parumpunctatus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]¹*pellucidus* Guérin-Méneville. See *Pucina pellucidus* Guérin-Méneville. Family **NOGODINI-**
DAE.*perplexus* Walker. See *Hamba perplexus* Walker. Family **ACHILIDAE**.**persicus** Distant1902 *Cixius longipennis* Melichar, Ann. Mus. St. Petersburg Persia¹
7: 86 (11). [n. sp.]¹1907 *Cixius persicus* Distant, Ann. Mag. Nat. Hist. (7) **19**: 284. Nom. nov.
for *Cixius longipennis* Mel. [nec Walk.]1907 *Cixius longipennis* Oshanin, Verz. Palaeark. Hemip. **2**: 246. [Listed.]¹1908 *Cixius persicus* Oshanin, Verz. Palaeark. Hemip. **3**: 446. [Listed.]¹ Equals
Cixius longipennis Mel.1912 *Cixius persicus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]¹ Equals
Cixius longipennis Mel.**perturbatus** Walker1870 *Cixius perturbatus* Walker, Jour. Linn. Soc. Zool. **10**: Mysol¹
103. [n. sp.]¹ (East Indies)*phaeopterus* Stephens1829 *Cixius phaeopterus* Stephens, Cat. British Ins. :356. England¹
[Listed.]¹ [nom. nud.]1929 *Cixius phaeopterus* Sherborn, Index Animalium **19**: 4892. [Listed.] [nom.
nud.]**pilifer** Melichar1903 *Cixius pilifer* Melichar, Homop.-Fauna Ceylon :30. Ceylon¹
[n. sp.]¹ :223. [Listed.]¹

Cixius

- 1906 *Cixius pilifer* Distant, Fauna British India 3: 260; Fig. 115. [Described, illustrated.]¹

pilosellus Matsumura

- 1914 *Cixius pilosellus* Matsumura, Annot. Zool. Japonenses Formosa¹
8: 405. [n. sp.]¹
- 1915 *Cixius pilosellus* Schumacher, Homop.-Fauna Insel Formosa :113.
[Listed.]¹

pilosa Olivier

- 1791 *Fulgora pilosa* Olivier, Enc. Méth. 6: 575. [n. sp.]¹ France¹
- 1804 *Cixius pilosus* Latreille, Hist. Nat. Ins. 12: 311. [Described.]¹ Equals *Fulgora pilosa* Oliv. Great Britain²
- 1818 *Flata contaminata* Germar, Mag. Ent. 3: 196. [n. sp.] Ireland³
- 1826 *Flata cunicularia* Fallén, [nec Linn.], Hemip. Sueciae :72. [Described.] Equals *Cicada leporina* Linn. [error.] Germany⁴
Equals *Cercopis dionysii* Panz. [error.] Equals *Cicada* Central Europe⁵
cunicularia Fabr. [error.] Equals *Delphax cynosbatis* Act. Turkestan⁶
[error.] Denmark⁷
- 1828 *Cixius pilosus* Boitard, Man. Ent. Hist. Nat. Ins. 2: 155. [Described.]¹ Equals *Fulgora pilosa* Oliv. Norway⁸
- 1829 *Cixius pilosus* Curtis, Guide Arrang. British Ins. :194. [Listed.]^{2,3} England⁹
Europe¹⁰
Lapland¹¹
- 1829 *Cixius contaminatus* Curtis, Guide Arrang. British Ins. :194. [Listed.]^{2,3} Finland¹²
Spain¹³
- 1829 *Cixius pilosus* Stephens, Cat. British Ins. :356. [Listed.]⁹ Belgium¹⁴
- 1829 *Cixius contaminatus* Stephens, Cat. British Ins. :356. [Listed.]⁹ Equals *Flata contaminata* Germ. Portugal¹⁵
Italy¹⁶
- 1830 *Flata contaminata* Germar, Thon Archiv 2: 49. [Described.]⁴ Austria¹⁷
Hungary¹⁸
- 1830 *Fulgora pilosa* Germar, Thon Archiv 2: 49. To *Flata stigmatica* Germ. [error.] Tunis¹⁹
West China²⁰
- 1835 *Cixia contaminata* Burmeister, Handb. Ent. 2 (1): 157. [Described.]⁴ Equals *Flata contaminata* Germ. Bohemia²¹
British Isles²²
- 1835 *Flata contaminatus* Herrich-Schäffer, Nom. Ent. 1: 105. [Listed.] Equals *Flata nervosa* Panz. [error.] Equals Sweden²³
Cixius cynosbatis Zett. [error.] Equals *Delphax contaminata* Fall. :65. [Key.] Rumania²⁴
Moravia²⁵
Russia²⁶
- 1835 *Flata contaminata* Burmeister, Handb. Ent. 2 (1): 157. To *Cixia stigmatica* Germ. [error.] Netherlands²⁷
Nearctic Region²⁸
- 1835 *Fulgora pilosa* Herrich-Schäffer, Nom. Ent. 1: 105. To *Flata stigmatica* Germ. [error.]
- 1835 *Fulgora pilosa* Burmeister, Handb. Ent. 2 (1): 157. To *Cixia stigmatica* Germ. [error.]
- 1837 *Cixius pilosus* Curtis, Guide Arrang. British Ins. Ed. 2: 223. [Listed.]^{2,3}
- 1837 *Cixius contaminatus* Curtis, Guide Arrang. British Ins. Ed. 2: 223. [Listed.]^{2,3}

- 1837 *Cixius pilosus* Curtis, British Ent. 14: Pl. 673. [Listed.]⁹
- 1837 *Cixius contaminatus* Curtis, British Ent. 14: Pl. 673. [Listed.]⁹
- 1839 *Cixius contaminata* Spinola, Ann. Soc. Ent. France 8: 327. [Listed.]¹⁰
- 1840 *Cixia contaminata* Blanchard, Hist. Nat. Ins. Hémipt. 3: 174. [Described.]^{1,4} Equals *Flata contaminata* Germ.
- 1843 *Cixius pilosus* Boitard, Nouveau Man. Ent. 3: 83. [Described.]¹ Equals *Fulgora pilosa* Oliv.
- 1847 *Miacnesthes* [non binom.] Amyot, Ann. Soc. Ent. France (2) 5: 165. Equals *Fulgora pilosa* Oliv. Equals *Flata contaminata* Germ.
- 1848 *Miacnesthes* [non binom.] Amyot, Méth. Mon. :361. Equals *Fulgora pilosa* Oliv. Equals *Flata contaminata* Germ.
- 1850 *Cixia contaminata* Blanchard, Hist. Nat. Ins. 3 (1): 174. [Described.]^{1,4} Equals *Flata contaminata* Germ.
- 1850 *Cixius contaminatus* Schaum, Allg. Ency. Ersch und Gruber 51: 68. [Listed.]¹⁰ Equals *Flata contaminatus* Germ. Equals *Flata nervosa* Fabr. [error.] Equals *Cixius cynosbatis* Zett. [error.] Equals *Delphax cynosbatis* Fall. [error.]
- 1850 *Fulgora pilosa* Schaum, Allg. Ency. Ersch und Gruber 51: 68. To *Cixius stigmaticus* Germ. [error.]
- 1851 *Cixius contaminatus* Walker, List Homop. British Mus. 2: 341. [Listed.]⁹ Equals *Flata contaminata* Germ. Equals *Cixia contaminata* Burm. Equals *Miacnesthes* Amyot.
- 1851 *Flata contaminata* Walker, List. Homop. British Mus. 2: 341. To *Cixius stigmaticus* Germ. [error.]
- 1851 *Cixius pilosus* Walker, List Homop. British Mus. 2: 341. To *Cixius stigmaticus* Germ. [error.]
- 1851 *Fulgora pilosa* Walker, List Homop. British Mus. 2: 341. To *Cixius stigmaticus* Germ. [error.]
- 1859 *Cixius contaminatus* Dohrn, Cat. Hemip. :60. [Listed.]¹⁰
- 1859 *Cixius contaminatus* Dohrn, Cat. Hemip. :60. To *Cixius stigmaticus* Latr. [error.]
- 1859 *Cixius pilosus* Dohrn, Cat. Hemip. :60. To *Cixius stigmaticus* Latr. [error.]
- 1860 *Cixius contaminatus* Walker, List British Hemip. :16. [Listed.]⁹
- 1861 *Cixius contaminatus* Flor. Rhynch. Livlands 2: 24. Equals *Flata contaminatus* Germ.
- 1862 *Cixius contaminatus* Graaf, Six, Snellen van Vollenhoven Tijdschr. Ent. 5: 77. [Listed.]
- 1862 *Cixius pilosus* Curtis, Homop. British Ent. :Pl. 673. [Listed.]⁹
- 1862 *Cixius contaminatus* Curtis, Homop. British Ent. :Pl. 673. [Listed.]⁹
- 1864 *Cixius contaminatus* Marshall, Ent. Monthly Mag. 1: 155. [Described.]²
- 1864 *Cixius contaminatus* Boheman, Ofv. Svenska Vet. Akad. Forh. 1863: 76. [Described.] Equals *Flata contaminata* Germ. Equals *Flata albicincta* [q. v.].
- 1866 *Cixius contaminatus* Marshall, Ent. Monthly Mag. 3: 118. [Listed.]⁹
- 1867 *Cixius cunicularius* Sahlberg, Hemip. Tornea Lappmark :231. [Listed.]¹¹
- 1868 *Cixius contaminatus* Kirschbaum, Cicad. Wiesbaden :49. [Key.]⁴

Cixius

- 1868 *Cixius contaminatus* Sahlberg, Not. Fenn. (n. s.) 9 (9): 186. [Listed.]
 1870 *Cixius contaminatus* Scott, Ent. Monthly Mag. 7: 121. [Key.]
 1871 *Cixius contaminatus* Scott, Ent. Monthly Mag. 7: 190. [Described.]²
 Equals *Flata contaminata* Germ.
 1871 *Cixius contaminatus* Sahlberg, Not. Fenn. (n. s.) 9 (12): 383. [Described.]¹²
 Equals *Flata contaminatus* Germ. Equals *Flata albicincta* Germ. [q. v.]
 1872 *Cixius pilosus* Fieber, Kat. Europäischen Cicad. :3. [Listed.]¹⁰
 1872 *Cixius pilosus contaminata* Fieber, Kat. Europäischen Cicad. :3.
 [Listed.]¹⁰ Equals *Cixius cunicularia* Fall. [nec Linn.]
 1874 *Cixius pilosus* Lethierry, Cat. Hémip. Dept. du Nord 2 Ed. :256 (52).
 [Listed.]¹ Equals *Cixius contaminatus* Germ.
 1874 *Cixius contaminatus* Cooke, Ent. Monthly Mag. 10: 211. [Notes.]⁹
 1874 *Cixius contaminatus* Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg
 20: 85. [Notes.]⁴
 1875 *Cixius pilosus* Puton, Cat. Hémip. d'Europe 2nd Ed. :112. [Listed.]¹⁰
 Equals *Cixius contaminatus* Germ. Equals *Cixius cunicularius* Fall. [nec
 Linn.]
 1876 *Cixius pilosus* Douglas and Scott, Cat. British Hemip. :65. [Listed.]²
 Equals *Fulgora pilosus* Oliv. Equals *Flata contaminata* Germ. Equals
Flata cunicularia Fall. Equals *Cixius contaminatus* Flor. [error.] Equals
Flata albicincta Germ. [q. v.]
 1876 *Cixius pilosus* Fieber, Cicad. d'Europe Pt. 2: 180 (170). [Key.]¹⁰
 1876 *Cixius pilosus contaminata* Fieber, Cicad. d'Europe Pt. 2: 179 (169).
 [Key.] Equals *Flata contaminata* Germ.
 1878 *Cixius pilosus* Lethierry, Ann. Soc. Ent. Belgique 21: 36. [Listed.]¹⁴
 1878 *Cixius contaminatus* Dale, History of Glanville's Wootton :304. [Listed.]⁹
 1880 *Cixius pilosus* Chicote, An. Soc. Española 9: 199 (15). [Listed.]^{13,15}
 1880 *Cixius pilosus* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 53.
 [Listed.]¹
 1881 *Cixius pilosus* Lethierry, Ann. Soc. Ent. Belgique 25: ix. [Listed.]¹⁶
 1881 *Cixius pilosus* Mayr, Ber. Natur.-Med. Ver. Innsbruck 10: 84 (8).
 [Listed.]¹⁷
 1881 *Cixius pilosus contaminatus* Mayr, Ber. Natur.-Med. Ver. Innsbruck
 10: 84 (8). [Listed.]¹⁷
 1882 *Cixius pilosus* Dalla Torre, Ber. Natur.-Med. Ver. Innsbruck 12: 56.
 [Listed.]
 1882 *Cixius pilosus contaminatus* Dalla Torre, Ber. Natur.-Med. Ver. Inns-
 bruck 12: 56. [Listed.]
 1882 *Cixius pilosus* Heller and Dalla Torre, Sitzber. Akad. Wiss. 86: 24 (17).
 [Listed.]¹⁷
 1882 *Cixius pilosus* Ferrari, Cicad. Agri Ligustici :80 (8). [Listed, key.]¹⁶
 Equals *Fulgora pilosus* Oliv.
 1884 *Cixius pilosus* Edwards, Trans. Nat. Soc. Norwich 3: 713. [Listed.]⁹
 1884 *Cixius pilosus* Signoret, Bull. Soc. Ent. France (6) 4: LXXVIII. Equals
Cixius varius Fabr. [error.]
 1884 *Cixius pilosus* Mayr, Tabellen :17. [Listed.]¹⁰
 1885 *Cixius pilosus* Fairmaire, Hist. Nat. France Hémip. :143. [Described.]¹

- 1885 *Cixius pilosus* Ivanoff, Liste des Cigales :88. [Listed.] :108. [Key.]
 1885 *Cixius pilosus* Ferrari, Bull. Soc. Ent. Italiana 17: 270. [Listed.]¹⁶
 1886 *Cixius pilosus* Edwards, Syn. British Homop.-Cicadina Pt. 1: 51. [Key.] :52. [Described.]² Equals *Fulgora pilosus* Oliv. Equals *Flata contaminata* Germ. Equals *Flata cunicularia* Fall. [nec Linn.] Equals *Cixius contaminatus* Flor. [error.] Equals *Flata albicincta* Germ. [q. v.]
 1886 *Cixius pilosus* Puton, Hémip. Tunisie :9. [Listed.]¹⁹
 1886 *Cixius pilosus* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]¹⁰ Equals *Cixius contaminatus* Germ. Equals *Cixius cunicularius* Fall.
 1886 *Cixius pilosus* Then, Kat. österreichischen Cicad. :10. [Listed.]^{10,17}
 1888 *Cixius pilosus* Edwards, Ent. Monthly Mag. 25: 101. [Key.] :100. Equals *Cixius contaminatus* Latr.
 1888 *Cixius pilosus* Dubois, Mém. Soc. Linn. Nord France 7: 153 (57). [Listed.]¹
 1890 *Cixius pilosus* Saunders and Edwards, Cat. British Hemip. :11. [Listed.]²
 1890 *Cixius pilosus* Buckton, Mon. British Cicadae 1: 21; Pl. VI, Figs. 1–6. Pl. VII, Figs. 1–5. [Described, illustrated.]² Equals *Fulgora pilosus* Oliv. Equals *Flata contaminata* Germ. Equals *Flata cunicularia* Fall. Equals *Cixius contaminatus* Flor. [error.] Equals *Flata albicincta* Germ. [q. v.] :24. [Key.]
 1890 *Cixius pilosus* Dominique, Ann. Soc. Acad. Loire-Inf. 1890: 25. [Listed.]¹
 1890 *Cixius pilosus* Funk, Ber. Nat. Ges. Bamberg 15: 139. [Listed.]⁴ Equals *Cixius cunicularius* Linn. [error.] Equals *Cixius nervosus* Linn. [error.]
 1892 *Cixius pilosus* Lethierry, Rev. Hémip. Belgique :21. [Listed.]¹⁴
 1892 *Cixius pilosus* Dominique, Bull. Soc. Sci. Nat. Ouest France 2: 115. [Listed.]¹
 1892 *Cixius pilosus* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]¹⁴
 1892 *Cixius pilosus* Ferrari, Ann. Mus. Genova (2) 12: 568 (20). [Listed.]¹⁶
 1892 *Cixius pilosus* Duda, Cat. Ins. Faunae Bohemicae :27. [Listed.]²¹ Equals *Cixius contaminatus* Germ. Equals *Cixius cunicularius* Fall. [nec Linn.]
 1893 *Cixius pilosus* Bezzi, Bull. Soc. Ent. Italiana 25: 107 (27). [Listed.]¹⁶
 1894 *Cixius pilosus* Edwards, Hemip.-Homop. British Islands Pt. 1: 25; Pl. 3, Fig. 7. [Described, illustrated.]²² :24. [Key.]
 1896 *Cixius pilosus* Melichar, Cicad. Mittel-Europa :22. [Described, key.]^{10,17,25}
 1896 *Cixius pilosus contaminatus* Melichar, Cicad. Mittel-Europa :23. [Described.]
 1897 *Cixius pilosus* Acloque, Faune France :401. [Key.]¹
 1897 *Cixius pilosus* Horváth, Fauna Regni Hungariae :54. [Listed.]¹⁸
 1899 *Cixius pilosus* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]¹⁰ Equals *Cixius contaminatus* Germ. Equals *Cixius cunicularius* Fall. [nec Linn.]
 1899 *Cixius pilosus* Marchal, Bull. Soc. Hist. Nat. Autun 11: 588. [Listed.]¹
 1899 *Cixius pilosus* Melichar, Wien. Ent. Zeit. 18: 178. [Listed.]¹⁹
 1899 *Cixius pilosus contaminatus* Melichar, Wien. Ent. Zeit. 18: 178. [Listed.]¹⁹
 1900 *Cixius pilosus* Fokker, Tijdschr. Ent. 42: 14. [Listed.]⁴
 1900 *Cixius pilosus* Strobl, Mitt. Natur. Ver. Steiermark 36: 202. [Listed.]¹⁷
 1900 *Cixius pilosus contaminatus* Strobl, Mitt. Natur. Ver. Steiermark 36: 202. [Listed.]¹⁷

Cixius

- 1901 *Cixius pilosus* Lambertie, Act. Soc. Linn. Bordeaux **56**: (85). [Listed.]¹
- 1902 *Fulgora pilosa* Sherborn, Index Animalium 1758-1800: 752. [Listed.]
- 1902 *Cixius pilosus* Cobelli, Cicadine Trentino :7. [Listed.]¹⁶
- 1902 *Cixius pilosus* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) **2**: 221. [Listed.]¹
- 1902 *Cixius pilosus* Melichar, Ann. Mus. St. Petersburg **7**: 85 (10). [Listed.]²⁰
- 1903 *Cixius pilosus* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste **21**: 58. [Listed.]¹⁷
- 1904 *Cixius pilosus* Hueber, Syst. Verz. deutschen Zikadinen :267. [Listed.]⁴
Equals *Cixius contaminatus* Germ. Equals *Cixius cunicularius* Fall. [nec Linn.]
- 1906 *Cixius pilosus* Matsumura, Schr. Nat. Ges. Danzig **11**: 75. [Listed.]⁴
Equals *Cixius contaminatus* Germ.
- 1907 *Cixius pilosus* Bierman, Ent. Berichten **2**: 51, 113. [Listed.]²⁷
- 1907 *Cixius pilosus* Oshanin, Verz. Palaeark. Hemip. **2**: 241. [Listed.]^{1,2,4,13,16,17,18,19,20,23,24,26}
Equals *Flata contaminata* Germ. Equals *Fulgora pilosa* Oliv. Equals *Cixius contaminatus* Kb. Equals *Flata cunicularia* Fall. [nec Linn.]
- 1907 *Cixius pilosus* Melichar, Sitzber. Akad. Wiss. **116**: 1038. [Listed.]¹³
- 1907 *Cixius pilosus* Butler, Hemip. Hastings :56. [Listed.]⁹
- 1908 *Cixius pilosus* Oshanin, Verz. Palaeark. Hemip. **3**: 445. [Listed.]^{14,27}
- 1908 *Cixius pilosus* Saunders and Edwards, Cat. of British Hemip. :14. [Listed.]²
- 1908 *Cixius pilosus* Whittaker, Hemip.-Homop. Lancashire and Cheshire :21. [Listed.]⁹
- 1910 *Cixius pilosus* Lambertie, Misc. Ent. **18**: 88. [Listed.]¹ Equals *Cixius contaminatus* Germ. Equals *Cixius cunicularius* Fall. [nec Linn.]
- 1910 *Cixius pilosus* Oshañin, Ann. Mus. Zool. St. Petersburg **15**: 182. [Listed.]¹
- 1912 *Cixius pilosus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]^{10,19,20,28}
Equals *Cixius contaminatus* Germ. Equals *Cixius ? cunicularius* Fall. [nec Linn.]
- 1912 *Cixius pilosus* Schmidt, Stett. Ent. Zeit. **73**: 147. [Notes.]⁴
- 1913 *Cixius pilosus* Dalla Torre, Ent. Jahrb. **22**: 149. [Listed.]¹⁷
- 1913 *Cixius pilosus contaminatus* Dalla Torre, Ent. Jahrb. **22**: 149. [Listed.]¹⁷
- 1913 *Cixius pilosus* Strand, Arthropodenfauna Norwegens :274. [Listed.]⁸
- 1914 *Cixius pilosus* Haupt, Ent. Jahrb. **23**: 162 (4). [Ecology.]
- 1915 *Cixius pilosus* Jacobsen, Ent. Medd. **10**: 318. [Listed.]⁷
- 1915 *Cixius pilosus* Jensen-Haarup, Kobenhavn Flora og Fauna **1915**: 86. [Key, described.]⁷
- 1918 *Cixius contaminatus* Fenton, Ohio Jour. Sci. **18**: 187. [Parasite.]
- 1919 *Cixius pilosus* Lyle, Entomologist **52**: 7. [Listed.]
- 1920 *Cixius pilosus* Codina, Bol. Soc. Ent. España **1**: 104 (5). [Listed.]¹³
- 1920 *Cixius pilosus* Jensen-Haarup, Danmarks Fauna :21; Figs. 7I, 8I, 9Ib. [Described, illustrated.]⁷ :20. [Key.]
- 1920 *Cixius pilosus* Tullgren and Wahlgren, Svenska Insekter :150. [Notes.]
- 1922 *Cixius pilosus* Stichel, Int. Ent. Zeit. **16**: 132. [Listed.]
- 1925 *Cixia contaminata* Sherborn, Index Animalium **7**: 1492. [Listed.]

- 1925 *Cixius pilosus* Della Beffa, Boll. Soc. Ent. Italiana **57**: 146. [Listed.]¹⁶
 1925 *Flata contaminata* Sherborn, Index Animalium **7**: 1493. [Listed.]
 1926 *Cixius pilosus* Rémy-Perrier, Homop. Faune France :91. [Key.]
 1927 *Cixius pilosus* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) **9**: 141. [Listed.]¹
 1929 *Cixius pilosus* Kusnezov, Zool. Anz. **79**: 328. [Listed.]⁶
 1929 *Cixius pilosus* Lallemand, Mem. Est. Mus. Zool. Univ. Coimbra **1929**: 6. [Listed.]¹⁵
 1930 *Cixius pilosus* de Seabra, Arq. Secc. Biol. e Par. **1** (4): 350. [Notes.]¹⁵
 1930 *Cixius pilosus* Britten, Check List Fauna Lancashire and Cheshire **1**: 74. [Listed.]⁹
 1931 *Miaenesthes*, Schulze, Kükenthal and Heider, Nomenclator Animal. **3** (15): 2071. [Listed.] [non binom.]

pilosa var. *albicincta* Germar

- 1818 *Flata albicincta* Germar, Mag. Ent. **3**: 199. [n. sp.] Great
 1821 *Flata albicincta* Germar, Mag. Ent. **4**: 102. [Notes.] Britain¹
 1829 *Cixius albicinctus* Curtis, Guide Arrang. British Ins. Ireland²
 :194. [Listed.]^{1,2} Germany³
 1829 *Cixius dorsalis* Stephens, Cat. British Ins. :356. Europe⁴
 [Listed.]⁵ [nom. nud.] Equals *Flata albicincta* Germ. England⁵
 1830 *Flata albicincta* Germar, Thon Archiv **2**: 49. [De- France⁶
 scribed.]^{3,6} Equals *Flata nervosa* Fabr. [error.] Equals New Jersey⁷
Delphax cynosbatis Fall. [error.] Belgium⁸
 1835 *Cixia albicincta* Burmeister, Handb. Ent. **2** (1): 158. Penn-
 [Described.]³ Equals *Flata nervosa* Fabr. [error.] Equals sylvania⁹
Delphax cynosbatis Fall. [error.] Equals *Flata albicincta* New York¹⁰
 Germ. Sweden¹¹
 1835 *Flata albicincta* Herrich-Schäffer, Nom. Ent. **1**: 105.
 [Listed.] Equals *Flata nervosa* Fabr. [error.] Equals *Delphax cynosbatis*
 Fall. [error.] :65. [Key.]
 1837 *Cixius albicinctus* Curtis, British Ent. **14**: Pl. 673. [Listed.]⁶
 1837 *Cixius albicinctus* Curtis, Guide Arrang. British Ins. Ed. **2**: 223. [Listed.]⁴
 1837 *Flata albicincta* Gistel, Cicaden. München :107 (12). [Listed.]³
 1837 *Flata contaminata* Herrich-Schäffer, Deutschlands Ins. **144**: 16. [De-
 scribed, illustrated.]
 1839 *Cixius albicincta* Spinola, Ann. Soc. Ent. France **8**: 327. [Listed.]⁴
 1840 *Cixia albicincta* Blanchard, Hist. Nat. Ins. Hémipt. **3**: 174. [Described.]⁴
 Equals *Flata nervosa* Fabr. [error.] Equals *Delphax cynosbatis* Fall. [error.]
 Equals *Flata albicincta* Germ.
 1847 *Diargotaenia* [non binom.] Amyot, Ann. Soc. Ent. France (2) **5**: 167.
 Equals *Flata albicincta* Germ.
 1848 *Diargotaenia* [non binom.] Amyot, Méth. Mon. :363. Equals *Flata albi-
 cincta* Germ.
 1850 *Cixia albicincta* Blanchard, Hist. Nat. Ins. **3** (1): 174. [Described.]⁴
 Equals *Flata nervosa* Fabr. [error.] Equals *Delphax cynosbatis* Fall. [error.]
 Equals *Flata albicincta* Germ.

- 1850 *Cixius albicinctus* Dahlbom, Vet. Akad. Handl. 1850: 203. [Listed.]¹¹
- 1850 *Cixius albicinctus* Schaum, Allg. Ency. Ersch und Gruber 51: 68. [Listed.]⁴ Equals *Flata albicinctus* Germ.
- 1851 *Cixius albicinctus* Walker, List Homop. British Mus. 2: 340. [Listed.]⁵ Equals *Flata nervosa* Fabr. [error.] Equals *Flata albicincta* Germ. Equals *Delphax cynosbatis* Fall. [error.] Equals *Cixia albicincta* Burm. Equals *Diargetaenia* [sic] Amyot.
- 1859 *Cixius albicinctus* Dohrn, Cat. Hemip. :60. [Listed.]⁴ Equals *Cixius nervosus* Fabr. [error.] Equals *Cixius cynosbatis* Fall. [error.]
- 1860 *Cixius albicinctus* Walker, List British Hemip. :16. [Listed.]⁵ Equals *Cixius dorsalis* Har. [error.]
- 1861 *Flata albicincta* Flor, Rhynch. Livlands 2: 24. To *Cixius contaminatus* Germ. [error.]
- 1862 *Cixius albicinctus* Graaf, Six, Snellen van Vollenhoven, Tijdschr. Ent. 5: 77. [Listed.]
- 1862 *Cixius albicinctus* Curtis, Homop. British Ent. :Pl. 673. [Listed.]⁵
- 1864 *Cixius contaminatus albicinctus* Marshall, Ent. Monthly Mag. 1: 155. [Described.]⁵ Equals *Cixius albicinctus* Latr.
- 1864 *Cixius contaminatus* var. *a* Boheman, Ofv. Svenska Vet. Akad. Forh. 1863: 76. [Described.] Equals *Flata albicincta* Germ.
- 1868 *Cixius contaminatus albicinctus* Kirschbaum, Cicad. Wiesbaden :49. [Notes.]
- 1869 *Cixius albicinctus* Lethierry, Cat. Hémip. du Nord :353. [Listed.]⁶
- 1871 *Cixius contaminatus* Scott, Ent. Monthly Mag. 7: 190. Equals *Cixia albicincta* Burm. Equals *Flata albicincta* Germ.
- 1871 *Cixius contaminatus* Sahlberg, Not. Fenn. (n. s.) 9 (12): 384. Equals *Flata albicincta* Germ.
- 1872 *Cixius pilosus albicincta* Fieber, Kat. Europäischen Cicad. :3. [Listed.]⁴
- 1874 *Cixius contaminatus albicincta* Cooke, Ent. Monthly Mag. 10: 211. [Listed.]⁵
- 1874 *Cixius pilosus albicinctus* Lethierry, Cat. Hémip. Dept. du Nord 2 Ed. :256 (52). [Listed.]⁶
- 1874 *Cixius contaminatus albicincta* Raddatz, Arch. Ver. Freude Naturg. Mecklenburg 20: 85. [Note.]
- 1875 *Cixius pilosus albicinctus* Puton, Cat. Hémip. d'Europe 2d. E. :112. [Listed.]
- 1876 *Flata albicincta* Douglas and Scott, Cat. British Hemip. :65. To *Cixius pilosus* Oliv.
- 1876 *Cixius pilosus albicincta* Fieber, Cicad. d'Europe Pt. 2: 180 (170). [Described.] Equals *Cixia albicincta* Burm. Equals *Flata albicincta* Germ. Equals *Flata contaminata* H.-S.
- 1878 *Cixius contaminatus albicinctus* Dale, History of Glanville's Wootton :304. [Listed.]⁵
- 1880 *Cixius pilosus albicinctus* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 53. [Listed.]⁶
- 1886 *Cixius pilosus* Edwards, Syn. British Homop.-Cicadina Pt. 1: 52. Equals *Flata albicincta* Germ.

- 1886 *Cixius pilosus albicinctus* Puton, Cat. Hémipt. Faune Pal. :69. [Listed.]
 1888 *Cixius pilosus albicinctus* Dubois, Mém. Soc. Linn. Nord France **7**: 153 (57). [Listed.]⁶
 1890 *Cixius pilosus* Buckton, Mon. British Cicadae **1**: 21. Equals *Flata albicincta* Germ.
 1890 *Cixius albicincta* Smith, Cat. Ins. New Jersey :439. [Listed.]
 1892 *Cixius pilosus albicinctus* Dominique, Bull. Soc. Sci. Nat. Ouest France **2**: 115. [Listed.]⁶
 1892 *Cixius pilosus albicinctus* Coubeaux, Ann. Soc. Ent. Belgique **36**: 34 (1). [Listed.]⁸
 1892 *Cixius pilosus albicinctus* Lethierry, Rev. Hémipt. Belgique :21. [Listed.]⁸
 1896 *Cixius pilosus albicinctus* Melichar, Cicad. Mittel-Europa :23. [Described.]
 1899 *Cixius pilosus albicinctus* Puton, Cat. Hémipt. Faune Pal. :103. [Listed.]
 1900 *Cixius pilosus albicinctus* Fokker, Tijdschr. Ent. **42**: 14. [Listed.]⁹
 1900 *Cixius albicincta* Smith, Ins. New Jersey **2**: 88. [Listed.]^{7,10}
 1901 *Cixius pilosus albicinctus* Lambertie, Act. Soc. Linn. Bordeaux **56**: (85). [Listed.]⁶
 1902 *Cixius pilosus albicinctus* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) **2**: 221. [Listed.]⁶
 1903 *Cixius pilosus albicinctus* Lambertie, Act. Soc. Linn. Bordeaux **58**: (2). [Listed.]⁶
 1904 *Cixius albicinctus* Wirtner, Ann. Carnegie Mus. **3**: 215. [Listed.]⁹
 1904 *Cixius pilosus albicinctus* Hueber, Syst. Verz. deutschen Zikadinen :267. [Listed.]³
 1904 *Cixius albicincta* Swezey, Prelim. Cat. Fulgoridae North America :26. [Listed.]¹⁰ Equals *Flata nervosa* Fabr. [error.] Equals *Delphax cynosbatis* Fall. [error.] Equals *Flata albicincta* Germ.
 1907 *Cixius pilosus albicinctus* Oshanin, Verz. Palaeark. Hemipt. **2**: 242. [Listed.]^{4,10} Equals *Flata contaminata* H.-S. Equals *Flata albicinctus* Germ.
 1908 *Cixius pilosus albicinctus* Saunders and Edwards, Cat. of British Hemipt. :14. [Listed.]¹
 1908 *Cixius albicincta* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia **1907**: 491. [Notes.]
 1910 *Cixius pilosus albicinctus* Lambertie, Misc. Ent. **18**: 88. [Listed.]⁶
 1910 *Cixius albicincta* Smith, Rept. Ins. New Jersey :96. [Listed.]
 1912 *Cixius pilosus albicinctus* Oshanin, Kat. Palaeark. Hemipt. :116. [Listed.] Equals *Cixius contaminatus* H.-S. [nec Germ.]
 1917 *Cixius albicinctus* Van Duzee, Cat. Hemipt. America :736. [Listed.]^{4,7(?)},^{9(?)}.
 1923 *Flata albicincta* Sherborn, Index Animalium **2**: 168. [Listed.]
 1927 *Cixius pilosus albicinctus* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) **9**: 142. [Listed.]⁶
 1928 *Diargotaenia* Schulze, Kükenthal and Heider, Nomenclator Animal. **2** (9): 972. [Listed.] [non. binom.]

pilosus var. *contaminatus* Germar. See *Cixius pilosa* Olivier.

*Cixius****pilosa* var. *discicollis* Rey**

- 1894 *Cixius pilosus discicollis* Rey, Échange 10: 14. [var. n.] France¹
 1910 *Cixius pilosus discicollis* Oshanin, Ann. Mus. Zool. St. Petersburg 15: 182. [Listed.]¹
 1912 *Cixius pilosus discicollis* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]

***pilosa* var. *infumata* Fieber**

- 1872 *Cixius pilosus infumata* Fieber, Kat. Europäischen Cicad. :3. [Listed.] [nom. nud.]¹ Europe¹
 Tunis²
 1875 *Cixius pilosus infumatus* Puton, Cat. Hémip. d'Europe 2 Ed. :112. [Listed.] [nom. nud.] Belgium³
 Bohemia⁴
 1876 *Cixius pilosus infumata* Fieber, Cicad. d'Europe Pt. 2: 179 (169). [var. n.] France⁵
 Italy⁶
 1880 *Cixius pilosus infumatus* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 53. [Listed.]⁵ Hungary⁷
 Germany⁸
 1886 *Cixius pilosus infumatus* Puton, Cat. Hémip. Faune Pal. :69. [Listed.] Great Britain⁹
 1888 *Cixius pilosus infumatus* Dubois, Mém. Soc. Linn. Nord France 7: 153 (57). [Listed.]⁵ Netherlands¹⁰
 1892 *Cixius pilosus infumatus* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]³
 1892 *Cixius pilosus infumatus* Lethierry, Rev. Hémip. Belgique :21. [Listed.]³
 1892 *Cixius pilosus infumatus* Dominique, Bull. Soc. Sci. Nat. Ouest France 2: 115. [Listed.]⁵
 1892 *Cixius pilosus infumatus* Duda, Cat. Ins. Faunae Bohemicae :27. [Listed.]⁴
 1896 *Cixius pilosus infumatus* Melichar, Cicad. Mittel-Europa :23. [Described.]
 1897 *Cixius pilosus infumatus* Horváth, Fauna Regni Hungariae :54. [Listed.]⁷
 1899 *Cixius pilosus infumatus* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]
 1899 *Cixius pilosus infumatus* Melichar, Wien. Ent. Zeit. 18: 178. [Listed.]²
 1900 *Cixius pilosus infumatus* Fokker, Tijdschr. Ent. 42: 14. [Listed.]⁸
 1901 *Cixius pilosus infumatus* Lambertie, Act. Soc. Linn. Bordeaux 56: (85). [Listed.]⁵
 1902 *Cixius pilosus infumatus* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) 2: 221. [Listed.]⁵
 1904 *Cixius pilosus infumatus* Hueber, Syst. Verz. deutschen Zikadinen :267. [Listed.]⁸
 1907 *Cixius pilosus infumatus* Bierman, Ent. Berichten 2: 113. [Listed.]¹⁰
 1907 *Cixius pilosus infumatus* Oshanin, Verz. Palaeark. Hemip. 2: 242. [Listed.]¹
 1908 *Cixius pilosus infumatus* Saunders and Edwards, Cat. of British Hemip. :14. [Listed.]⁹
 1910 *Cixius pilosus infumatus* Lambertie, Misc. Ent. 18: 88. [Listed.]⁵
 1912 *Cixius pilosus infumatus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]
 1925 *Cixius pilosus infumatus* Della Beffa, Boll. Soc. Ent. Italiana 57: 146. [Listed.]⁶

- 1927 *Cixius pilosus infumatus* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 141 [Listed.]⁵

***pilosa* var. *nigrita* Haupt**

- 1931 *Cixius pilosus nigrita* Haupt, Mitt. Deutschen Ent. Ges. 2: 158. [n. var.]

***pini* Fitch**

- 1851 *Cixius pini* Fitch, Cat. Homop. :45. [n. sp.]¹ New York¹
- 1852 *Cixius pini* Walker, List Homop. British Mus. 4 Suppl. Penn-
:1135. [Listed.]⁷ sylvania²
- 1857 *Cixius pini* Fitch, Fourth Rept. Ins. New York :739. Canada³
[Notes.]¹ New Jersey⁴
- 1869 *Cixus* [sic] *pini* Rathvon, Hist. Lancaster Co. Penn. North
:550. [Listed.]² America⁵
- 1881 *Cixius pini* Packard, Bull. United States Ent. Comm. Ottawa⁶
7: 217. [Described.] United States⁷
- 1889 *Cixius pini* Van Duzee, Canadian Ent. 21: 7. [Listed.]³
- 1890 *Cixius pini* Packard, Rept. United States Ent. Comm. Quebec⁸
Dept. Agr. 5: 803. [Described.] Colorado⁹
- 1890 *Cixius pini* Smith, Cat. Ins. New Jersey :439. [Listed.] North
- 1890 *Cixius pini* Van Duzee, Psyche 5: 388. [Listed.] Carolina¹⁰
- 1892 *Cixius pini* Harrington, Ottawa Nat. 6: 31. [Listed.]⁶ Eastern
- 1893 *Cixius pini* Fitch, Reprint Cat. Homop. New York States¹¹
:385. [Described.]¹ Ontario¹²
- 1894 *Cixius pini* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: Massa-
190. [Notes.]¹ chusetts¹³
- 1900 *Cixius pini* Smith, Ins. New Jersey 2: 88. [Listed.]^{1,4} Connecticut¹⁴
- 1904 *Cixius pini* Swezey, Prelim. Cat. Fulgoridae North New
America :27. [Listed.]^{1,3} Hampshire¹⁵
- 1904 *Cixius pini* Wirtner, Ann. Carnegie Mus. 3: 214. Michigan¹⁶
[Listed.]² Northern
- 1906 *Cixius pini* Van Duzee, Canadian Ent. 38: 408. [Key.] States¹⁷
- 1906 *Cixius pini* Felt, Mem. 8. New York St. Mus. 2: 753. Maine¹⁸
[Food plant, Pine.]
- 1907 *Cixius pini* Moore, Canadian Ent. 39: 189. [Listed.]⁵
- 1908 *Cixius pini* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia 1907: 489.
[Key.] :490. [Notes.]^{1,9}
- 1910 *Cixius pini* Smith, Rept. Ins. New Jersey :95. [Listed.]
- 1910 *Cixius pini* Felt, Bull. New York St. Mus. 141: 121. [Listed.]
- 1910 *Cixius pini* Young, Bull. New York State Mus. 141: 124. [Listed.]¹
- 1915 *Cixius pini* Metcalf, Jour. Elisha Mitchell Soc. 31: 43 (11). [Listed.]¹⁰
- 1916 *Cixius pini* Van Duzee, Check List Hemip. America :79. [Listed.]^{3,11}
- 1917 *Cixius pini* Van Duzee, Cat. Hemip. America :735. [Listed.]^{1,2,8,10,12,13}
- 1920 *Cixius pini* Britton, Check-List Ins. Connecticut :46. [Listed.]¹⁴
- 1922 *Cixius pini* Osborn, Tech. Bull. New York St. Coll. For. 22: 50; Fig. 19a.
[Ecology, illustrated.]¹

Cixius

- 1923 *Cixius pini* Van Duzee, Fulgoridae Hemip. Connecticut :34. [Described.]^{3,14} :33. [Key.]
 1923 *Cixius pini* Metcalf, Jour. Elisha Mitchell Soc. **38**: 162; Figs. 291, 583. [Key, illustrated.]
 1927 *Cixius pini* Johnson, Biol. Surv. Mount Desert Reg. **1**: 33. [Listed.]¹⁸
 1928 *Cixius pini* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 70. [Key, described.]^{1,2,3,8,10,12,13,15,18}

pinicola Fieber. See *Cixius distinctus* Signoret.

praecox Van Duzee

- 1925 *Cixius praecox* Van Duzee, Proc. California Acad. Sci. Oregon¹
 (4) **14**: 405. [n. sp.]^{1,2,3} California²
 1927 *Cixius praecox* Downes, Proc. Ent. Soc. British Colum- British
 bia **23**: 21. [Listed.]³ Columbia³

pruinosis Spinola

- 1852 *Cixius pruinosis* Spinola, Gay's Hist. Chili **7**: 254. [n. sp.]¹ Chile¹

punctimargo Walker

- 1858 *Cixius punctimargo* Walker, List Homop. British Mus. New Zealand¹
 Suppl. :81. [n. sp.]¹
 1874 *Cixius punctimargo* Hutton, Trans. New Zealand Inst. **6**: 170. [Listed.]
 1879 *Cixius punctimargo* White, Ent. Monthly Mag. **15**: 216. [Listed.]¹
 1898 *Cixius punctimargo* Hutton, Trans. New Zealand Inst. **30**: 185. [Key.]
 :186. [Described.]¹
 1904 *Cixius punctimargo* Hutton, Index Faunae Novae Zealandiae :224.
 [Listed.]¹
 1909 *Cixius punctimargo* Kirkaldy, Trans. New Zealand Inst. **41**: 28. [Listed.]
 1924 *Cixius punctimargo* Myers, Trans. New Zealand Inst. **55**: 317; Pl. 20,
 Figs. 1-4. [Described, illustrated.]¹

punctulatus Spinola

- 1852 *Cixius punctulatus* Spinola, Gay's Hist. Chili **7**: 257. Chile¹
 [n. sp.]¹

pustulatus Walker. See *Faventia pustulata* Walker. Family ACHILIDAE.

pyrenaicus Fieber

- 1872 *Cixius pyrenaicus* Fieber, Kat. Europäischen Cicad. :3. France¹
 [Listed.] [nom. nud.]¹
 1875 *Cixius pyrenaicus* Puton, Cat. Hémipt. d'Europe 2d. E. :112. [Listed.]
 [nom. nud.]¹
 1876 *Cixius pyrenaicus* Fieber, Cicad. d'Europe Pt. **2**: 184 (174). [n. sp.]¹
 1880 *Cixius pyrenaicus* Chicote, An. Soc. Española **9**: 199 (15). [Listed.]¹
 1886 *Cixius pyrenaicus* Puton, Cat. Hémipt. Faune Pal. :69. [Listed.]¹
 1899 *Cixius pyrenaicus* Puton, Cat. Hémipt. Faune Pal. :103. [Listed.]¹
 1901 *Cixius pyrenaicus* Lambertie, Act. Soc. Linn. Bordeaux **56** (85). [Listed.]¹
 1907 *Cixius pyrenaicus* Oshanin, Verz. Palaearkt. Hemip. **2**: 243. [Listed.]¹

1910 *Cixius pyrenaicus* Lambertie, Misc. Ent. **18**: 89. [Listed.]¹

1912 *Cixius pyrenaicus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]¹

quinqüellineata. Typographical error for *Oliarius quinquellineata* Say.

quinqüecostatus Dufour. See *Oliarius quinqüecostatus* Dufour.

quinqüellineatus Say. See *Oliarius quinquellineata* Say.

reductus Walker. See *Oliarius reductus* Walker.

remotus Edwards

- 1870 *Cixius similis* Scott, [nec Kirschbaum], Ent. Monthly Mag. **7**: 122. [Key.] Britain¹
British Isles²
- 1871 *Cixius similis* Scott, [nec Kirschbaum], Ent. Monthly Mag. **7**: 192. [Described.]¹ England³
- 1876 *Cixius similis* Douglas and Scott, [nec Kirschbaum], Cat. British Hemip.-Homop. :66. [Listed.]¹ Equals *Cixius leporinus* Marsh. [error.]
- 1886 *Cixius similis* Edwards, [nec Kirschbaum], Syn. British Homop.-Cicadina Pt. **1**: 54. [Described.]¹ :51. [Key.]
- 1888 *Cixius remotus* Edwards, Ent. Monthly Mag. **25**: 100. [Described.] Nom. nov. for *Cixius similis* Scott, [nec Kb.]. :101. [Key.]¹
- 1890 *Cixius remotus* Buckton, Mon. British Cicadae **1**: 24. [Key.]
- 1890 *Cixius remotus* Saunders and Edwards, Cat. British Hemip. :11. [Listed.]¹ Equals *Cixius similis* Scott [nec Kb.].
- 1894 *Cixius remotus* Edwards, Hemip.-Homop. British Islands Pt. **1**: 27; Pl. 3, Fig. 11b. [Described, illustrated.]² Equals *Cixius similis* Scott [nec Kb.]. :25. [Key.]
- 1899 *Cixius remotus* Puton, Cat. Hémp. Faune Pal. :103. [Listed.]¹ Equals *Cixius similis* Scott [nec Kb.].
- 1907 *Cixius remotus* Oshanin, Verz. Palaeark. Hemip. **2**: 246. [Listed.]¹ Equals *Cixius similis* Scott [nec Kb.].
- 1908 *Cixius remotus* Saunders and Edwards, Cat. of British Hemip. :14. [Listed.]¹ Equals *Cixius similis* Scott [nec Kb.].
- 1912 *Cixius remotus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]³ Equals *Cixius similis* Scott [nec Kb.].
- 1929 *Cixius remotus* China, Ent. Monthly Mag. **65**: 250. [Listed.] Equals *Cixius similis* Scott [nec Kb.].

respicendus Walker. See *Vanua respicendus* Walker. Family TROPIDUCHIDAE.

resurgens Walker

- 1858 *Cixius resurgens* Walker, Insecta Saundersiana :42. Natal¹
[n. sp.]¹

reuteri Metcalf [var.]. See *Cixius stigmatica* var. *reuteri* Metcalf.

rufifrons Walker. See *Koroana interior* Walker.

rufimacula Walker. See *Colgorma rufimacula* Walker. Family TROPIDUCHIDAE.

sanctae-helenae Stål. See *Oliarius dividens* Walker.

sanctangeli Costa

- 1834 *Cixius sanctangeli* Costa, Cenni Zool. :83. [n. sp.]¹ Italy¹

Cixius

- 1872 *Cixius sanctangeli* Fieber, Kat. Europäischen Cicad. :3. [Listed.]¹
 1875 *Cixius ? sanctangeli* Puton, Cat. Hémipt. d'Europe 2d. E. :113. [Listed.]¹
 1886 *Cixius ? sanctangeli* Puton, Cat. Hémipt. Faune Pal. :69. [Listed.]¹
 1899 *Cixius ? sanctangeli* Puton, Cat. Hémipt. Faune Pal. :103. [Listed.]¹
 1907 *Cixius ? sanctangeli* Oshanin, Verz. Palaeark. Hemipt. 2: 247. [Listed.]¹
 1908 *Cixius sanctangeli* Oshanin, Verz. Palaeark. Hemipt. 3: 446. [Listed.]
 1912 *Cixius ? sanctangeli* Oshanin, Kat. Palaeark. Hemipt. :117. [Listed.]¹
 1930 *Cixius sanctangeli* Sherborn, Index Animalium 23: 5731. [Listed.]

scotti Edwards

- 1870 *Cixius simplex* Scott, [nec Herrich-Schäffer], Ent. British Isles¹
 Monthly Mag. 7: 122. [Key.] Trans-
 1871 *Cixius simplex* Scott, [nec Herrich-Schäffer], Ent. caucasus²
 Monthly Mag. 7: 191. [Described.]¹ Russia³
 1876 *Cixius simplex* Fieber, [nec Herrich-Schäffer], Cicad. Caucasus⁴
 d'Europe Pt. 2: 194 (184). Equals *Flata simplex* H.-S. England⁵
 [error.] Italy⁶
 1876 *Cixius simplex* Douglas and Scott, [nec Herrich-Schäffer], Cat. British Hemipt.-Homopt. :66. [Listed.]¹ Equals Isle of Wight⁷
Flata simplex H.-S. [error.] Equals *Cixius distinguendus* (England)
 Kb. [in part.] [error.]
 1886 *Cixius simplex* Edwards, [nec Herrich-Schäffer], Syn. British Homopt.-Cicadina Pt. 1: 53. [Described.]¹ Equals *Flata simplex* H.-S. [error.]
 Equals *Cixius distinguendus* Kb. [in part.] [error.] :51. [Key.]
 1888 *Cixius scotti* Edwards, Ent. Monthly Mag. 25: 100. Nom. nov. for
Cixius simplex Scott [nec H.-S.]. [Described.] :101. [Key.]¹
 1890 *Cixius scotti* Saunders and Edwards, Cat. British Hemipt. :11. [Listed.]¹
 Equals *Cixius simplex* Scott [nec H.-S.].
 1890 *Cixius simplex* Buckton, [nec Herrich-Schäffer], Mon. British Cicadae
 1: 22; Pl. VII, Fig. 10. [Described, illustrated.]¹ Equals *Flata simplex*
 H.-S. [error.] Equals *Cixius distinguendus* Kb. [error.] Equals *Cixius*
scotti Ed. :24. [Key.]
 1894 *Cixius scotti* Edwards, Hemipt.-Homopt. British Islands Pt. 1: 27; Pl. 3,
 Fig. 11a. [Described, illustrated.]¹ Equals *Cixius simplex* Scott [nec
 H.-S.]. :25. [Key.]
 1894 *Cixius scotti* Horváth, Rev. Ent. 13: 176. [Listed.]^{2,3}
 1899 *Cixius scotti* Puton, Cat. Hémipt. Faune Pal. :103. [Listed.]¹ Equals
Cixius simplex Scott [nec H.-S.].
 1907 *Cixius scotti* Butler, Ent. Monthly Mag. 43: 253. [Listed.]⁷
 1907 *Cixius scotti* Oshanin, Verz. Palaeark. Hemipt. 2: 245. [Listed.]^{1,4} Equals
Cixius simplex Scott [nec H.-S.].
 1908 *Cixius scotti* Saunders and Edwards, Cat. of British Hemipt. :14. [Listed.]¹
 Equals *Cixius simplex* Scott [nec H.-S.].
 1912 *Cixius scotti* Oshanin, Kat. Palaeark. Hemipt. :117. [Listed.]^{4,5} Equals
Cixius simplex Scott [nec H.-S.].
 1925 *Cixius scotti* Della Befa, Boll. Soc. Ent. Italiana 57: 147. [Listed.]⁶

1929 *Cixius scotti* China, Ent. Monthly Mag. **65**: 250. [Listed.] Equals *Cixius simplex* Scott [nec H.-S.].

scyllae Costa

1834 *Cixius scyllae* Costa, Cenni Zool. :83. [Listed.]¹ [nom. nud.] Italy¹

1930 *Cixius scyllae* Sherborn, Index Animalium **23**: 5836. [Listed.] [nom. nud.]

seriata Germar

1830 *Flata seriata* Germar, Thon Archiv **2**: 49. [n. sp.]¹ Brazil¹

1835 *Cixia seriata* Burmeister, Handb. Ent. **2** (1): 158.
Equals *Flata seriata* Germ.

1850 *Cixius seriatus* Schaum, Allg. Ency. Ersch und Gruber **51**: 68. [Listed.]¹
Equals *Flata seriata* Germ.

1851 *Cixius seriatus* Walker, List Homop. British Mus. **2**: 342. [Listed.]¹
Equals *Flata seriata* Germ.

1859 *Cixius seriatus* Dohrn, Cat. Hemip. :60. [Listed.]¹

1930 *Flata seriata* Sherborn, Index Animalium **23**: 5893. [Listed.]

serratulae Fabricius. See *Acocephalus serratulae* Fabricius. Family JASSIDAE.

servillei Spinola

1839 *Cixius servillei* Spinola, Ann. Soc. Ent. France **8**: 327. Locality
[n. sp.]¹ unknown¹

1850 *Cixius servillei* Schaum, Allg. Ency. Ersch und Gruber
51: 68. [Listed.]¹

1851 *Cixius servillei* Walker, List Homop. British Mus. **2**: 342. [Listed.]

1859 *Cixius servillei* Dohrn, Cat. Hemip. :60. [Listed.]¹

1930 *Cixius servillei* Sherborn, Index Animalium **24**: 5917. [Listed.]

setinervis Stål

1855 *Cixius setinervis* Stål, Ofv. Svenska Vet. Akad. Forh. **12**: Cape
92. [n. sp.]¹ Province¹

1858 *Cixius setinervis* Walker, List. Homop. British Mus. South Africa²
Add. :321. [Listed.]¹

1859 *Cixius setinervis* Dohrn, Cat. Hemip. :61. [Listed.]¹

1866 *Cixius setinervis* Stål, Hemip. Africana **4**: 170. [Described.]²

sidnicus Stål

1859 *Cixius sidnicus* Stål, Freg. Eugenes Resa :273. [n. sp.]¹ New South
Wales¹

signifer Walker

1870 *Cixius signifer* Walker, Jour. Linn. Soc. Zool. **10**: 104. Morty¹
[n. sp.]¹

similis Kirschbaum

1864 *Cixius leporinus* Marshall, [nec Linné], Ent. Monthly Mag. **1**: 155. [Described.]¹ Great
Britain¹

Cixius

- 1868 *Cixius similis* Kirschbaum, Cicad. Wiesbaden :49. Germany²
[n. sp.]² England³
- 1871 *Cixius similis* Scott, Ent. Monthly Mag. 7: 192. Equals Hungary⁴
Cixius leporinus Marsh. [nec Linn.] Austria⁵
- 1872 *Cixius similis* Fieber, Kat. Europäischen Cicad. :3. Russia⁶
[Listed.]² Denmark⁷
- 1875 *Cixius similis* Puton, Cat. Hémipt. d'Europe 2 Ed. :113.
[Listed.]^{1,3} Equals *Cixius leporinus* Marsh. [nec Linn.]
- 1876 *Cixius similis* Douglas and Scott, Cat. British Hemipt. :66. [Listed.]¹
Equals *Cixius leporinus* Marsh. [nec Linn.]
- 1876 *Cixius leporinus* Fieber, Cicad. d'Europe Pt. 2: 213 (203). To *Oliarus leporinus* Linn. [error.]
- 1876 *Cixius similis* Fieber, Cicad. d'Europe Pt. 2: 195 (185). [Key.]²
- 1884 *Cixius similis* Mayr, Tabellen :17. [Listed.]²
- 1886 *Cixius similis* Puton, Cat. Hémipt. Faune Pal. :69. [Listed.]^{1,2} Equals
Cixius leporinus Marsh. [nec Linn.]
- 1898 *Cixius similis* Edwards, Ent. Monthly Mag. 25: 101. [Key, described.]¹
- 1889 *Cixius similis* Edwards, Trans. Nat. Soc. Norwich 4: 705. [Listed.]³
- 1890 *Cixius similis* Saunders and Edwards, Cat. British Hemipt. :11. [Listed.]¹
- 1890 *Cixius similis* Buckton, Mon. British Cicadae 1: 22; Pl. VII, Figs. 6-9.
[Described, illustrated.]¹ :24. [Key.]
- 1894 *Cixius similis* Edwards, Hemipt.-Homop. British Islands Pt. 1: 26; Pl. 3,
Fig. 11. [Described, illustrated.]¹ :24. [Key.]
- 1896 *Cixius similis* Melichar, Cicad. Mittel-Europa :27. [Described.]² :22.
[Key.]
- 1897 *Cixius similis* Horváth, Fauna Regni Hungariae :54. [Listed.]⁴
- 1899 *Cixius similis* Puton, Cat. Hemipt. Faune Pal. :103. [Listed.]^{1,2,4,5} Equals
Cixius leporinus Marsh. [nec Linn.]
- 1904 *Cixius similis* Hueber, Syst. Verz. deutschen Zikadinen :268. [Listed.]²
Equals *Cixius leporinus* Marsh.
- 1906 *Cixius similis* Matsumura, Schr. Nat. Ges. Danzig :75. [Listed.]²
- 1907 *Cixius similis* Oshanin, Verz. Palaeark. Hemipt. 2: 246. [Listed.]^{1,2,4}
- 1907 *Cixius similis* Butler, Hemipt. Hastings :56. [Listed.]³
- 1908 *Cixius similis* Saunders and Edwards, Cat. of British Hemipt. :14.
[Listed.]¹
- 1908 *Cixius similis* Whittaker, Hemipt.-Homop. Lancashire and Cheshire :22.
[Listed.]³
- 1912 *Cixius similis* Oshanin, Kat. Palaeark. Hemipt. :117. [Listed.]^{2,3,4}
- 1912 *Cixius similis* Sabrinsky, Mitt. Natur. Ver. Steiermark 48: 316. [Listed.]⁵
- 1913 *Cixius similis* Melichar, Faune Walouyki Russie 7: 5. [Listed.]⁶
- 1915 *Cixius similis* Jacobsen, Ent. Medd. 10: 318. [Listed.]⁷
- 1915 *Cixius similis* Jensen-Haarup, København Flora og Fauna 1915 :87.
[Described.]⁷ :86. [Key.]
- 1920 *Cixius similis* Jensen-Haarup, Danmarks Fauna :21; Figs. 7II, 8II.
[Described, illustrated.]⁷ :20. [Key.]
- 1920 *Cixius similis* Tullgren and Wahlgren, Svenska Insekter :150. [Notes.]

1930 *Cixius similis* Britten, Check List Fauna Lancashire and Cheshire 1: 74. [Listed.]³

similis Scott. See *Cixius remotus* Edwards.

simplex Herrich-Schäffer

- 1835 *Flata simplex* Herrich-Schäffer, Nom. Ent. 1: 64. [n. sp., key.] Germany¹
Finland²
- 1850 *Cixius simplex* Schaum, Allg. Ency. Ersch und Gruber 51: 68. [Listed.]⁶ Equals *Flata simplex* H.-S. Norway³
France⁴
- 1851 *Cixius simplex* Walker, List Homop. British Mus. 2: 340. [Listed.]¹ Equals *Flata simplex* H.-S. Great Britain⁵
- 1859 *Cixius simplex* Dohrn, Cat. Hemip. :60. [Listed.]¹ Spain⁶
- 1868 *Cixius distinguendus* Kirschbaum, Cicad. Wiesbaden :48. [n. sp.]¹ Austria⁷
Portugal⁸
- 1871 *Cixius distinguendus* [sic] Sahlberg, Not. Fenn. (n. s.) 9 (12): 382. [Described.]² Equals *Delphax cynosbatis* Fall. [error.] Equals *Cixius cynosbatis* Zett. [error.] Equals *Flata cunicularia* Fall. [error.] Italy⁹
Armenia¹⁰
Hungary¹¹
Netherlands¹²
- 1871 *Cixius simplex* Brischke, Verz. Wanzen und Zirpen Prov. Preussen :13. [Listed.]¹ Rumania¹³
Algeria¹⁴
- 1871 *Cixius simplex* Scott, Ent. Monthly Mag. 7: 191. Caucasus¹⁵
Europe¹⁶
- 1872 *Cixius simplex* Fieber, Kat. Europäischen Cicad. :3. Denmark¹⁷
[Listed.]¹ Equals *Cixius distinguendus* Kb. [in part.]
- 1872 *Cixius simplex* Fieber, Verh. Zool. Bot. Ges. Wien 22: 29. Equals *Cixius distinguendus* Kb. [in part.]
- 1874 *Cixius distinguendus* [sic] Siebke, Enum. Ins. Norvegicorum :39. [Listed.]³
- 1875 *Cixius simplex* Puton, Cat. Hémip. d'Europe 2 Ed. :113. [Listed.]^{1,4,5}
Equals *Cixius distinguendus* Kb. [in part.]
- 1876 *Cixius simplex* Douglas and Scott, Cat. British Hemip. :66. [Listed.]⁵
Equals *Cixius distinguendus* Kb. [in part.] Equals *Flata simplex* H.-S.
- 1876 *Cixius simplex* Fieber, Cicad. d'Europe Pt. 2: 194 (184). [Key.]¹ Equals *Cixius distinguendus* Kb. [in part.] Equals *Flata simplex* H.-S.
- 1879 *Cixius simplex* Bolivar and Chicote, An. Soc. Española 8: 175. [Listed.]⁶
- 1882 *Cixius simplex* Ferrari, Cicad. Agri Ligustici :80 (8). [Key.] :82 (10). [Listed.]⁹
- 1884 *Cixius simplex* Mayr, Tabellen :17. [Listed.]^{1,7}
- 1886 *Cixius simplex* Edwards, Syn. British Homop.-Cicadina Pt. 1: 53. Equals *Cixius distinguendus* Kb. [in part.] Equals *Flata simplex* H.-S.
- 1886 *Cixius simplex* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]^{1,4,5,6,8,9}
Equals *Cixius distinguendus* Kb. [in part.]
- 1886 *Cixius simplex* Then, Kat. österreichischen Cicad. :11. [Listed.]⁷
- 1890 *Cixius simplex* Buckton, Mon. British Cicadae 1: 22; pl. VII, Fig. 10. Equals *Cixius distinguendus* Kb. Equals *Flata simplex* H.-S. Equals *Cixius scotti* Edw. [error.]: 24 [key]
- 1890 *Cixius simplex* Dominique, Ann. Soc. Acad. Loire-Inf. 1890: 25. [Listed.]⁴
- 1891 *Cixius simplex* Horváth, Rev. Ent. 10: 74. [Listed.]¹⁰

Cixius

- 1892 *Cixius simplex* Ferrari, Ann. Mus. Genova (2) 12: 568 (20). [Listed.]⁹
 1892 *Cixius simplex* Dominique, Bull. Soc. Sci. Nat. Ouest France 2: 115. [Listed.]⁴
 1893 *Cixius simplex* Bezzi, Bull. Soc. Ent. Italiana 25: 107 (27). [Listed.]⁹
 1896 *Cixius simplex* Melichar, Cicad. Mittel-Europa :26. [Described.]¹ Equals *Flata simplex* H.-S. Equals *Cixius distinguendus* Kb. [in part.] :22. [Key.]
 1897 *Cixius simplex* Horváth, Fauna Regni Hungariae :54. [Listed.]¹¹
 1899 *Cixius simplex* Puton, Cat. Hémipt. Faune Pal. :103. [Listed.]^{1,4,6,7,8,9} Equals *Cixius distinguendus* Kb. [in part.]
 1900 *Cixius simplex* Fokker, Tijdschr. Ent. 42: 14. [Listed.]¹ :24. [Listed.]¹⁴ :36. [Listed.]¹²
 1901 *Cixius simplex* Lambertie, Act. Soc. Linn. Bordeaux 56: (86). [Listed.]⁴
 1902 *Cixius simplex* Cobelli, Cicadine Trentino :7. [Listed.]⁹
 1902 *Cixius simplex* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) 2: 221. [Listed.]⁴
 1903 *Cixius simplex* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 58. [Listed.]⁷
 1904 *Cixius simplex* Hueber, Syst. Verz. deutschen Zikadinen :268. [Listed.]¹ Equals *Cixius distinguendus* Kb. [in part.]
 1906 *Cixius simplex* Matsumura, Schr. Nat. Ges. Danzig 11: 75. [Listed.]¹
 1907 *Cixius simplex* Oshanin, Verz. Palaeark. Hemip. 2: 245. [Listed.]^{1,4,6,7,9,12,11,13,14,15} Equals *Flata simplex* H.-S. Equals *Cixius distinguendus* Kb. [in part.]
 1910 *Cixius simplex* Lambertie, Misc. Ent. 18: 89. [Listed.]⁴ Equals *Cixius distinguendus* Kb. [in part.]
 1912 *Cixius simplex* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]^{14,15,16}
 1913 *Cixius simplex* Melichar, Mitt. Kaukasischen Mus. 7: 14. [Listed.]¹⁵
 1913 *Cixius simplex* Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]⁷
 1915 *Cixius simplex* Jacobsen, Ent. Medd. 10: 318. [Listed.]¹⁷
 1915 *Cixius simplex* Jensen-Haarup, Kobenhavn Flora og Fauna 1915: 87. [Described.]¹⁷ :86. [Key.]
 1920 *Cixius simplex* Jensen-Haarup, Danmarks Fauna :23. [Described.]¹⁷ Equals *Cixius distinguendus* Kb. [in part.] :20. [Key.]
 1920 *Cixius simplex* Edwards, Ent. Monthly Mag. 56: 58. [Described.]⁵
 1920 *Cixius simplex* Codina, Bol. Soc. Ent. España 1: 104 (5). [Listed.]⁶

simplex Scott [nec Herrich-Schäffer]. See *Cixius scotti* Edwards.

simplex Walker. See *Oliarus simplex* Walker.

spurius Stål. See *Dictyophara spurius* Stål. Family **DICTYOPHARIDAE**.

sticticus Rey

- 1891 *Cixius sticticus* Rey, Rev. Ent. 10: 240. [n. sp.]¹ France¹
 1899 *Cixius sticticus* Puton, Cat. Hémipt. Faune Pal. :103. Spain²
 [Listed.]¹
 1907 *Cixius sticticus* Oshanin, Verz. Palaeark. Hemip. 2: 246. [Listed.]¹
 1907 *Cixius sticticus* Melichar, Sitzber. Akad. Wiss. 116: 1038. [Listed.]²
 1908 *Cixius sticticus* Oshanin, Verz. Palaeark. Hemip. 3: 446. [Listed.]²
 1912 *Cixius sticticus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]^{1,2}

sticticus var. **vitreus** Rey

- 1891 *Cixius sticticus vitreus* Rey, Rev. Ent. **10**: 241. [var. n.]¹ France¹
 1899 *Cixius sticticus vitreus* Puton, Cat. Hémipt. Faune Pal.
 :103. [Listed.]¹
 1907 *Cixius sticticus vitreus* Oshanin, Verz. Palaeark. Hemip. **2**: 246. [Listed.]¹
 1912 *Cixius sticticus vitreus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]

stigma Motschulsky. See *Oliarus stigma* Motschulsky.

stigmata Say

- 1825 *Flata stigmata* Say, Jour. Acad. Nat. Sci. Philadelphia **4**: 336. [n. sp.]¹ Missouri¹
 Rocky
 1850 *Pocilloptera* [sic] *stigmata* Schaum, Allg. Ency. Ersch und Gruber **51**: 72. [Listed.]² Equals *Flata stigmata* Say. United
 Mountains²
 1851 *Pocilloptera* [sic] *stigmata* Walker, List Homop. British States³
 Mus. **2**: 469. [Listed.]³ Equals *Flata stigmata* Say. New York⁴
 1851 *Cixius stigmatus* Fitch, Cat. Homop. :45. [Listed.]⁴ North
 1852 *Cixius stigmatus* Walker, List Homop. British Mus. **4** America⁵
 Suppl. :1135. [Listed.]³ Penn-
 1859 *Flata stigmata* Say, Comp. Writings of Thomas Say **2**: sylvania⁶
 255. [n. sp.]¹ Colorado⁷
 1859 *Pocilloptera?* [sic] *stigmata* Dohrn, Cat. Hemip. :66. New Mexico⁸
 [Listed.]⁵ California⁹
 1869 *Flata stigmata* Rathvon, Hist. Lancaster Co. Penn. :550. Canada¹⁰
 [Listed.]⁶ New
 1872 *Cixius stigmatus* Uhler, Prelim. Rept. United States Hampshire¹¹
 Geol. Surv. Wyoming :472. [Listed.]^{7,8} New Jersey¹²
 1876 *Cixius stigmatus* Uhler, Bull. United States Geol. Geog. Ohio¹³
 Surv. **1** (5): 352. [Listed.]^{1,7,17} Equals *Flata stigmata* Say. Iowa¹⁴
 1889 *Cixius stigmatus* Provancher, Petite Faune Ent. Canada Nebraska¹⁵
 :222. Equals *Flata stigmata* Say. Kansas¹⁶
 1890 *Cixius stigmata* Van Duzee, Psyche **5**: 389. Equals *Flata* Texas¹⁷
stigmata Say. Georgia¹⁸
 1893 *Cixius stigmatus* Fitch, Reprint Cat. Homop. New York Great
 :385. [Listed.]⁴ Plains¹⁹
 1893 *Cixius stigmatus* Riley, North American Fauna **7**: 250. [Listed.]⁹
 1895 *Cixius stigmatus* Gillette and Baker, Hemip. Colorado :68. [Listed.]⁷
 1901 *Cixius stigmatus* Howard, Insect Book :256; Pl. XXVIII, Fig. 2. [Illustrated.]
 1904 *Cixius stigmatus* Swezey, Prelim. Cat. Fulgoridae North America :27. [Listed.]^{1,4,7,10,11,12,13,14,15,16,17,18} Equals *Flata stigmata* Say.
 1907 *Cixius stigmatus* Tucker, Bull. Kansas Univ. Sci. **4**: 65. [Listed.]^{7,16}
 1910 *Cixius lepidus* Van Duzee, Trans. American Ent. Soc. **36**: 87. [n. sp.]⁷
 1916 *Cixius stigmatus* Van Duzee, Check List Hemip. America :79. [Listed.]¹⁹
 Equals *Cixius lepidus* Van D.
 1917 *Cixius stigmatus* Van Duzee, Cat. Hemip. America :735. [Listed.]^{1,7,16}

Cixius

- Equals *Flata stigmata* Say. Equals *Pocilloptera* [sic] *stigmata* Walk. Equals *Cixius lepidus* Van D.
 1923 *Cixius stigmatus* Metcalf, Jour. Elisha Mitchell Soc. **38**: 162; Figs. 287, 579. [Key, illustrated.]
 1928 *Cixius stigmatus* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 72. [Described.]^{1,7,13,14,16,17} Equals *Flata stigmatus* Say.
 1930 *Cixius stigmatus* Hendrickson, Iowa State Jour. Sci. **4**: 89. [Ecology.]¹⁴
 1931 *Flata stigmata* Sherborn, Index Animalium **25**: 6154. [Listed.]

stigmatica Germar

- 1818 *Flata stigmatica* Germar, Mag. Ent. **3**: 199. [n. sp.] Germany¹
 1825 *Flata stigmatica* Germar, Fauna Ins. Europae, Fasc. **11**: Great Britain²
 Pl. 20. [Described, illustrated.]¹
 1829 *Cixius stigmaticus* Curtis, Guide Arrang. British Ins. Ireland³
 :194. [Listed.]^{2,3} Russia⁴
 1829 *Cixius stigmaticus* Stephens, Cat. British Ins. :356. Europe⁵
 [Listed.]⁶ Equals *Flata stigmatica* Germ. England⁶
 1830 *Flata stigmatica* Germar, Thon Archiv **2**: 49. [De- France⁷
 scribed.]¹ Equals *Fulgora pilosa* Oliv. [error.] Spain⁸
 1835 *Cixia stigmatica* Burmeister, Handb. Ent. **2** (1): 157. Denmark⁹
 [Described.]¹ :158. Equals *Flata contaminata* Germ. Caucasus¹⁰
 [error.] Equals *Fulgora pilosa* Oliv. [error.] Livonia¹¹
 1835 *Flata stigmatica* Herrich-Schäffer, Nom. Ent. **1**: 105. Belgium¹²
 [Listed.] Equals *Fulgora pilosa* Oliv. [error.] :65. [Key.] Moravia¹³
 1836 *Flata stigmatica* Herrich-Schäffer, Deutschlands Ins. Bohemia¹⁴
143: 22. [Described, illustrated.]¹ British Isles¹⁵
 1837 *Cixius stigmaticus* Curtis, Guide Arrang. British Ins. Austria¹⁶
 Ed. **2**: 223. [Listed.]^{2,3} Norway¹⁷
 1837 *Flata stigmatica* Gistel, Cicaden München :107 (12). Hungary¹⁸
 [Listed.]¹ Italy¹⁹
 1837 *Cixius stigmaticus* Curtis, British Ent. **14**: Pl. 673. Rumania²⁰
 [Listed.]⁶ Sweden²¹
 1839 *Cixius stigmatica* Spinola, Ann. Soc. Ent. France **8**: 327. Finland²²
 [Listed.]⁵ Livonia²³
 1846 *Cixia stigmatica* Gimmerthal, Corr. Nat. Riga **1**: 27. Switzerland²⁴
 [Listed.]⁴ New York²⁵
 1847 *Cixius* Amyot, Ann. Soc. Ent. France (2) **5**: 165. [non Portugal²⁶
 binom.] Equals *Flata stigmaticus* Germ. Czecho-
 1848 *Cixius* Amyot, Méth. Mon. :361. [non binom.] Equals slovakia²⁷
Flata stigmatica Germ.
 1849 *Cixia stigmatica* Lucas, Exploration Sci. l'Algérie :103. To *Cixia nervosa*
 Linn. [error.]
 1850 *Cixius stigmaticus* Schaum, Allg. Ersch und Gruber **51**: 68. [Listed]⁵
 Equals *Flata stigmatica* Germ. Equals *Fulgora pilosa* Oliv. [error.]
 1851 *Cixius stigmaticus* Walker, List Homop. British Mus. **2**: 341. [Listed.]⁵
 Equals *Flata contaminata* Germ. [error.] Equals *Fulgora pilosa?* Oliv.

- [error.] Equals *Cixius pilosus*? Latr. [error.] Equals *Cixia stigmatica* Burm.
- 1859 *Cixius stigmaticus* Dohrn, Cat. Hemip. :60. [Listed.]⁵ Equals *Cixius contaminatus* Germ. [error.] Equals *Cixius pilosus* Oliv. [error.]
- 1860 *Cixius stigmaticus* Walker, List British Hemip. :16. [Listed.]⁶
- 1861 *Cixius contaminatus* Flor, [nec Germar], Rhynch. Livlands 2: 24. [Described.]⁵ Equals *Cixius nervosus* Cuv. [error.] Equals *Flata cunicularia* Fall. [error.] Equals *Flata contaminatus* Germ. [error.] Equals *Cixius cynosbatis* Zett. [error.] Equals *Flata albicincta* Germ. [error.]
- 1861 *Flata stigmatica* Flor, Rhynch. Livlands 2: 22. To *Cixius nervosus* Linn. [error.]
- 1861 *Cixia stigmatica* Flor, Rhynch. Livlands 2: 22. To *Cixius nervosus* Linn. [error.]
- 1862 *Cixius stigmaticus* Curtis, Homop. British Ent. :Pl. 673. [Listed.]⁶
- 1864 *Cixius musivus* Marshall, Ent. Monthly Mag. 1: 155. [Described.]²
- 1864 *Cixius nervosus stigmaticus* Marshall, Ent. Monthly Mag. 1: 154. [Described.]⁶
- 1864 *Cixius stigmaticus* Marshall, Ent. Monthly Mag. 1: 154. To *Cixius nervosus* Linn. [error.]
- 1868 *Cixius stigmaticus* Kirschbaum, Cicad. Wiesbaden :47. [Key.]¹
- 1868 *Cixius distinguendus* Kirschbaum, Cicad. Wiesbaden :48. [n. sp.]¹
- 1870 *Cixius stigmaticus* Scott, Ent. Monthly Mag. 7: 122. [Key.]
- 1871 *Cixius stigmaticus* Scott, Ent. Monthly Mag. 7: 191. [Described.]² Equals *Flata stigmatica* Germ. Equals *Cixia stigmatica* Burm. Equals *Cixius musivus* Marsh. [nec Germ.]
- 1871 *Cixius stigmaticus* Brischke, Verz. Wanzen und Zirpen Prov. Preussen :13. [Listed.]¹
- 1871 *Cixius distinguendus* [sic] Sahlberg, Not. Fenn. (n. s.) 9 (12): 382. [Described.]²² Equals *Flata stigmatica* H.-S. Equals *Cixius contaminatus* Flor [nec Germ.]
- 1872 *Cixius stigmaticus* Fieber, Kat. Europäischen Cicad. :3. [Listed.]⁵ Equals *Cixius distinguendus* Kb. [in part.]
- 1872 *Cixius stigmaticus* Fieber, Verh. Zool. Bot. Ges. Wien 22: 29. Equals *Cixius distinguendus* Kb. [in part.]
- 1874 *Cixius distinguendus* [sic] Siebke, Enum. Ins. Norvegicorum :93. [Listed.]¹⁷
- 1874 *Cixius stigmaticus* Lethierry, Cat. Hémip. Dept. du Nord 2 Ed. :256 (52). [Listed.]⁷
- 1874 *Cixius stigmaticus* Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 85. [Listed.]¹
- 1875 *Cixius stigmaticus* Puton, Cat. Hémip. d'Europe 2d. E. :113. [Listed.]⁵ Equals *Cixius distinguendus* Kb. [in part.] Equals *Cixius musivus* Marsh. [nec Germ.]
- 1876 *Cixius contaminatus* Douglas and Scott, [Flor nec Germar], Cat. British Hemip. :65. To *Cixius pilosus* Oliv. [error.]
- 1876 *Cixius stigmaticus* Fieber, Cicad. d'Europe Pt. 2: 193 (183). [Key.]^{1,2,7,24}

Cixius

- Equals *Flata stigmaticus* Germ. Equals *Cixia stigmaticus* Burm. Equals *Cixius musivus* Marsh. [nec Germ.]
- 1876 *Cixius stigmaticus* Douglas and Scott, Cat. British Hemip. :65. [Listed.]² Equals *Flata stigmatica* Germ. Equals *Cixius musivus* Marsh. [nec Germ.] Equals *Cixius distinguendus* Kb. [in part.]
- 1879 *Cixius stigmaticus* Bolivar and Chicote, An. Soc. Española 8: 175. [Listed.]⁸
- 1879 *Cixius contaminatus* Norman, Ent. Monthly Mag. 15: 255. [Listed.]⁶
- 1880 *Cixius stigmaticus* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 53. [Listed.]⁷
- 1880 *Cixius stigmaticus* Rueter, Medd. Soc. Fauna Fl. Fennica 5: 194. Equals *Cixius distinguendus* Sahlb. [in part.]
- 1882 *Cixius stigmaticus* Lethierry, Ann. Soc. Ent. Belgique 26: cxxxvii. [Listed.]
- 1884 *Cixius stigmaticus* Mayr, Tabellen :17. [Listed.]^{1,7,24}
- 1885 *Cixius stigmaticus* Ivanoff, Liste des Cigales :88. [Listed.] :109. [Key.]
- 1886 *Cixius contaminatus* Edwards, [Flor nec Germar], Syn. British Homop.-Cicadina Pt. 1: 52. To *Cixius pilosus* Oliv. [error.]
- 1886 *Cixius stigmaticus* Edwards, Syn. British Homop.-Cicadina Pt. 1: 52. [Described.]² Equals *Flata stigmatica* Germ. Equals *Cixius musivus* Marsh. [nec Germ.] Equals *Cixius distinguendus* Kb. [in part.] :51. [Key.]
- 1886 *Cixius stigmaticus* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]⁵ Equals *Cixius musivus* Marsh. [nec Germ.] Equals *Cixius distinguendus* Kb. [in part.]
- 1886 *Cixius stigmaticus* Then, Kat. österreichischen Cicad. :10. [Listed.]^{5,16,27}
- 1888 *Cixius stigmaticus* Edwards, Ent. Monthly Mag. 25: 101. [Key.] :100. [Listed.]
- 1888 *Cixius stigmaticus* Dubois, Mém. Soc. Linn. Nord France 7: 154 (58). [Listed.]⁷
- 1890 *Cixius contaminatus* Buckton, [Flor nec Germar], Mon. British Cicadae 1: 21. To *Cixius pilosus* Oliv. [error.]
- 1890 *Cixius stigmaticus* Buckton, Mon. British Cicadae 1: 19; Pl. V, Figs. 1–6. [Described, illustrated.]² Equals *Flata stigmatica* Germ. Equals *Cixius musivus* Marsh. [nec Germ.] Equals *Cixius distinguendus* Kb. [in part.] :24. [Key.]
- 1890 *Cixius stigmaticus* Saunders and Edwards, Cat. British Hemip. :11. [Listed.]²
- 1892 *Cixius stigmaticus* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]¹²
- 1892 *Cixius stigmaticus* Lethierry, Rev. Hémip. Belgique :21. [Listed.]¹²
- 1892 *Cixius stigmaticus* Spitzner, Hemip. Mährens :(26). [Listed.]¹³
- 1892 *Cixius stigmaticus* Duda, Cat. Ins. Faunae Bohemicae :27. [Listed.]¹⁴ Equals *Cixius distinguendus* Kb. [in part.]
- 1893 *Cixius stigmaticus* Bezzi, Bull. Soc. Ent. Italiana 25: 107 (27). [Listed.]¹⁹
- 1894 *Cixius stigmaticus* Edwards, Hemip.-Homop. British Islands Pt. 1: 26; Pl. 3, Fig. 10. [Described, illustrated.]¹⁵ :24. [Key.]
- 1896 *Cixius stigmaticus* Melichar, Cicad. Mittel-Europa :26. [Described.]^{1,5,16}

- Equals *Flata stigmatica* Germ. Equals *Cixius masinus* [sic] Marsh.
 Equals *Cixia stigmatica* Burm. Equals *Cixius distinguendus* Sahl. [in part.] :22. [Key.]
- 1897 *Cixius stigmaticus* Horváth, Fauna Regni Hungariae :54. [Listed.]¹⁵
- 1899 *Cixius stigmaticus* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]⁵ Equals *Cixius distinguendus* Kb. [in part.] Equals *Cixius musivus* Marsh. [nec Germ.]
- 1900 *Cixius stigmatica* Lambertie, Act. Soc. Linn. Bordeaux **55**: clxxiv. [Listed.]
- 1900 *Cixius stigmaticus* Strobl, Mitt. Natur. Ver. Steiermark **36**: 202. [Listed.]¹⁶
- 1901 *Cixius stigmaticus* Lambertie, Act. Soc. Linn. Bordeaux **56**: (86). [Listed.]⁷
- 1902 *Cixius stigmaticus* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) **2**: 221. [Listed.]⁷
- 1902 *Cixius stigmaticus* Cobelli, Cicadine Trentino :7. [Listed.]¹⁹
- 1903 *Cixius stigmaticus* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste **21**: 58. [Listed.]¹⁶
- 1904 *Cixius stigmaticus* Hueber, Syst. Verz. deutschen Zikadinen :268. [Listed.]¹ Equals *Cixius distinguendus* Kb. [in part.] Equals *Cixius musivus* Marsh.
- 1906 *Cixius stigmaticus* Matsumura, Schr. Nat. Ges. Danzig **11**: 75. [Listed.]¹
- 1907 *Cixius stigmaticus* Oshanin, Verz. Palaeark. Hemip. **2**: 244. [Listed.]^{1,2,4,7,8,10,16,18,20,21,22,23} Equals *Flata stigmatica* Germ. Equals *Cixius musivus* Marsh. [nec Germ.] Equals *Cixius distinguendus* Kb. [in part.] Equals *Cixius contaminatus* Flor. [nec Germ.]
- 1907 *Cixius stigmaticus* Oshanin, Cat. Homop. St. Pétersbourg :243 (31), [Listed.]⁴
- 1908 *Cixius stigmaticus* Whittaker, Hemip.-Homop. Lancashire and Cheshire :22. [Listed.]⁶ Equals *Cixius musivus* Marsh. [nec Germ.]
- 1908 *Cixius stigmaticus* Saunders and Edwards, Cat. of British Hemip. :14. [Listed.]² Equals *Cixius musivus* Marsh. [nec Germ.]
- 1908 *Cixius stigmaticus* Oshanin, Verz. Palaeark. Hemip. **3**: 446. [Listed.]^{12,4}
- 1910 *Cixius stigmaticus* Lambertie, Misc. Ent. **18**: 89. [Listed.]⁷ Equals *Cixius distinguendus* Kb. [in part.] Equals *Cixius musivus* Marsh. [nec Germ.]
- 1912 *Cixius stigmaticus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]^{5,10} Equals *Cixius contaminatus* Flor. [nec Germ.] Equals *Cixius musivus* Marsh. [nec Germ.] Equals *Cixius distinguendus* Kb. [in part.]
- 1913 *Cixius stigmaticus* Dalla Torre, Ent. Jahrb. **22**: 149. [Listed.]¹⁶
- 1915 *Cixius stigmaticus* Jacobsen, Ent. Medd. **10**: 318. [Listed.]⁹
- 1915 *Cixius stigmaticus* Jensen-Haarup, Kobenhavn Flora og Fauna **1915**: 87. [Described.]⁹ :86. [Key.]
- 1920 *Cixius stigmaticus* Tullgren and Wahlgren, Svenska Insekter :150. [Notes.]
- 1924 *Cixius stigmaticus* Lindberg, Acta Soc. Fauna Flora Fenn. **56**: 39. [Notes.] :45. Equals *Cixius distinguendus* Kb. [in part.] [Listed.]²²
- 1926 *Cixius stigmaticus* Rémy-Perrier, Homop. Faune France :91. [Key.]

Cixius

- 1928 *Cixius stigmaticus* Ivanov, Rev. Russe d'Ent. 22: 55. [Genitalia, described.]
 1928 *Cixius stigmaticus* Lallemand, Mem. Est. Mus. Zool. Univ. Coimbra 1928: 8. [Listed.]²⁶
 1930 *Cixius stigmaticus* Britten, Check List Fauna Lancashire and Cheshire 1: 74. [Listed.]⁶
 1930 *Cixius stigmaticus* de Seabra, Arq. Secc. Biol. e Par. 1 (4): 350. [Notes.]²⁶
 1931 *Cixia stigmatica* Sherborn, Index Animalium 25: 6153. [Listed.]
 1931 *Cixius stigmatica* Sherborn, Index Animalium 25: 6153. [Listed.]
 1931 *Flata stigmatica* Sherborn, Index Animalium 25: 6153. [Listed.]

stigmatica var. **reuteri** nom. nov. for *Cixius stigmaticus* var. *albipennis* Reuter 1880 [nec *Cixius albipennis* Stål 1855].

- 1880 *Cixius stigmaticus albipennis* Reuter, Medd. Soc. Fauna Finland¹
 Fl. Fennica 5: 194. [n. var.]¹ Scandinavia²
 1886 *Cixius stigmaticus albipennis* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]²
 1899 *Cixius stigmaticus albipennis* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]^{1,2}
 1907 *Cixius stigmaticus albipennis* Oshanin, Verz. Palaeark. Hemip. 2: 245. [Listed.]¹
 1912 *Cixius stigmaticus albipennis* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]¹
 1924 *Cixius stigmaticus albipennis* Lindberg, Acta Soc. Fauna Flora Fenn. 56: 45. [Listed.]¹ :39. [Notes.]

stigmatalis Melichar

- 1911 *Cixius stigmatalis* Melichar, Bull. Mus. Hist. Nat. Paris 1911: 114. [n. sp.]¹ Tropical Africa¹

stigmatus Van Duzee [nec Say]. See *Cixius misellus* Van Duzee.

subnubilus Uhler. See *Oliarus subnubilus* Uhler.

sulcifrons Germar

- 1830 *Flata sulcifrons* Germar, Thon Archiv 2: 48. [n. sp.]¹ Brazil¹
 1835 *Cixia sulcifrons* Burmeister, Handb. Ent. 2 (1): 158. Germany²
 [Described.]² Equals *Flata sulcifrons* Germ. North
 1850 *Cixius sulcifrons* Schaum, Allg. Ency. Ersch und Gruber America³
 51: 68. [Listed.]³ Equals *Flata sulcifrons* Germ.
 1851 *Cixius sulcifrons* Walker, List Homop. British Mus. 2: 342. [Listed.]¹
 Equals *Flata sulcifrons* Germ. Equals *Cixia sulcifrons* Burm.
 1859 *Cixius sulcifrons* Dohrn, Cat. Hemip. :60. [Listed.]¹
 1931 *Flata sulcifrons* Sherborn, Index Animalium 25: 6312. [Listed.]
 1931 *Cixia sulcifrons* Sherborn, Index Animalium 25: 6312. [Listed.]

suturalis Matsumura

- 1914 *Cixius suturalis* Matsumura, Annot. Zool. Japonenses Formosa¹
 8: 401. [n. sp.]¹

- 1915 *Cixius suturalis* Schumacher, Homop.-Fauna Insel Formosa :113.
[Listed.]¹

synosbatis. Typographical error for *Cixius cynosbatis* Fabricius. See *Cixius cunicularia* Linné.

tappanus Matsumura

- 1914 *Cixius tappanus* Matsumura, Annot. Zool. Japonenses Formosa¹
8: 398. [n. sp.]¹
- 1915 *Cixius tappanus* Schumacher, Homop.-Fauna Insel Formosa :113.
[Listed.]¹

testaceus Walker. See *Oliarus testaceus* Walker.

towardensis Matsumura

- 1914 *Cixius towardensis* Matsumura, Annot. Zool. Japonenses Japan¹
8: 402. [n. sp.]¹

trahens Walker. See *Ptoleeria trahens* Walker.

trifasciatus Stephens

- 1829 *Cixius trifasciatus* Stephens, Cat. British Ins. :356. England¹
[Listed.]¹ [nom. nud.]
- 1931 *Cixius trifasciatus* Sherborn, Index Animalium 27: 6598. [Listed.] [nom.
nud.]

umbrosus Walley

- 1932 *Cixius umbrosus* Walley, Canadian Ent. 64: 22. [n. sp.]¹ Ontario¹

unidentatus Signoret

- 1863 *Cixius unidentatus* Signoret, Ann. Soc. Ent. France (4) Chile¹
3: 583. [n. sp.]¹

valdiviensis Spinola

- 1852 *Cixius valdiviensis* Spinola, Gay's Hist. Chili 7: 253. Chile¹
[n. sp.]¹

vandykei Van Duzee

- 1925 *Cixius vandykei* Van Duzee, Proc. California Acad. Sci. California¹
(4) 14: 404. [n. sp.]¹

varia Fabricius. See *Cixius variabilis* Metcalf.

variabilis nom. nov. for *Cicada varia* Fabricius 1794 [nec *Cicada varia* Olivier 1790].

- 1775 *Cicada variegata* Fabricius, Systema Ent. :686. [n. sp.]¹ Germany¹
- 1778 *Cicada variegata* Goeze, Ent. Beitrage 2: 157. [De- France²
scribed.] West Indies³
- 1781 *Cicada variegata* Fabricius, Species Ins. 2: 327. [De- England⁴
scribed.]¹ Sweden⁵
- 1785 *Cicada variegata* de Fourcroy, Ent. Parisiensis :187.
[Described.]²

Cixius

- 1787 *Cicada variegata* Fabricius, Mantissa Insectorum 2: 272. [Described.]
 1789 *Cicada variegata* Gmelin, Linné Syst. Nat. 1 (4): 2105. [Described.]¹
 1794 *Cicada varia* Fabricius, Entomologia Syst. 4: 42. [Described.]¹ Nom. nov.
 for *Cicada variegata* Fabr. [nom. praeoc.]
 1802 *Cicada variegata* Turton, Syst. Naturae Linn. 2: 596. [n. sp.]¹
 1803 *Flata varia* Fabricius, Systema Rhyng. :55. [Described.]¹ Equals *Cicada
 varia* Fabr.
 1804 *Cixius varius* Latreille, Hist. Nat. Ins. 12: 311. [Described.]¹ Equals
Flata varia Fabr.
 1828 *Cixius varius* Boitard, Man. Ent. Hist. Nat. Ins. 2: 155. [Described.]¹
 Equals *Flata varia* Fabr.
 1830 *Flata variegata* Germar, Thon Archiv 2: 50. [Described.]³
 1835 *Flata varia* Burmeister, Handb. Ent. 2 (1): 109. To *Bythoscopus 2-guttatus*
 Fabr. [error.]
 1835 *Flata varia* Herrich-Schäffer, Nom. Ent. 1: 105. To *Bythoscopus varia*
 Fabr.
 1840 *Flata varia* Blanchard, Hist. Nat. Ins. Hemip. :198. To *Jassus biguttatus*
 Fabr. [error.]
 1840 *Flata varia* Westwood, Syn. Genera British Ins. :117. To *Bythoscopus
 varia* Fabr.
 1843 *Cixius varius* Boitard, Nouveau Man. Ent. 3: 83. [Described.]¹ Equals
Flata varia Fabr.
 1847 *Cicada varia* Amyot, Ann. Soc. Ent. France (2) 5: 165. To *Cixius nervosus*
 Linn. [error.]
 1848 *Cicada varia* Amyot, Méth. Mon. :361. To *Cixius nervosus* Linn. [error.]
 1849 *Flata varia* Lucas, Exploration Sci. l'Algérie :103. To *Cixia nervosa* Linn.
 [error.]
 1851 *Flata varia* Walker, List Homop. British Mus. 3: 860. To *Bythoscopus
 varius* Fabr.
 1869 *Cixius varius* Lethierry, Cat. Hémip. du Nord :353. [Listed.]²
 1884 *Cixius varius* Signoret, Bull. Soc. Ent. France (6) 4: lxxviii. To *Cixius
 pilosus* Oliv. [error.]
 1902 *Cicada variegata* Sherborn, Index Animalium 1758-1800: 1027. [Listed.]
 1902 *Cicada varia* Sherborn, Index Animalium 1758-1800: 1031. [Listed.]

varicolor Distant

- 1920 *Cixius varicolor* Distant, Ann. Mag. Nat. Hist. (9) 6: New
 462. [n. sp.]¹ Caledonia¹
 (Melanesia)

variegata Fabricius. See *Cixius variabilis* Metcalf.

variegata Stål. See *Cnidus variegatus* Stål. Family ACHILIDAE.

velox Matsumura

- 1914 *Cixius velox* Matsumura, Annot. Zool. Japonenses 8: Formosa¹
 403. [n. sp.]¹
 1915 *Cixius velox* Schumacher, Homop.-Fauna Insel Formosa :113. [Listed.]¹

venustula Germar

- 1830 *Flata venustula* Germar, Thon Archiv **2**: 49. [n. sp.]¹ France¹
- 1835 *Flata venustula* Herrich-Schäffer, Nom. Ent. **1**: 105. Brazil²
[Listed.] Italy³
- 1835 *Cixia venustula* Burmeister, Handb. Ent. **2** (1): 158. Spain⁴
Equals *Flata venustula* Germ. Europe⁵
- 1850 *Cixius venustulus* Schaum, Allg. Ency. Ersch und Gruber **51**: 68. [Listed.]¹ Equals *Flata venustulus* Germ.
- 1851 *Cixius venustulus* Walker, List Homop. British Mus. **2**: 342. [Listed.]²
Equals *Flata venustula* Germ.
- 1859 *Cixius venustulus* Dohrn, Cat. Hemip. :60. [Listed.]²
- 1872 *Cixius venustulus* Fieber, Kat. Europäischen Cicad. :3. [Listed.]¹
- 1875 *Cixius venustulus* Puton, Cat. Hémip. d'Europe 2d. E. :112. [Listed.]¹
- 1876 *Cixius venustulus* Fieber, Cicad. d'Europe Pt. **2**: 183 (173). [Key.]¹
Equals *Flata venustulus* Germ.
- 1882 *Cixius venustulus* Ferrari, Cicad. Agri Ligustici :80 (8). [Key.] :81 (9).
[Listed.]³ Equals *Flata venustulus* Germ.
- 1886 *Cixius venustulus* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]^{1,3}
- 1890 *Cixius venustulus* Dominique, Ann. Soc. Acad. Loire-Inf. **1890**: 25.
[Listed.]¹
- 1892 *Cixius venustulus* Ferrari, Ann. Mus. Genova (2) **12**: 568 (20). [Listed.]³
- 1892 *Cixius venustulus* Dominique, Bull. Soc. Sci. Nat. Ouest France **2**: 115.
[Listed.]¹
- 1899 *Cixius venustulus* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]^{1,3}
- 1901 *Cixius venustulus* Lambertie, Act. Soc. Linn. Bordeaux **56**: (85). [Listed.]¹
- 1902 *Cixius venustulus* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) **2**:
221. [Listed.]¹
- 1907 *Cixius venustulus* Oshanin, Verz. Palaeark. Hemip. **2**: 242. [Listed.]^{1,3}
Equals *Flata venustula* Germ.
- 1907 *Cixius venustulus* Melichar, Sitzber. Akad. Wiss. **116**: 1038. [Listed.]⁴
- 1908 *Cixius venustulus* Lambertie, Act. Soc. Linn. Bordeaux **62**: lxx (3).
[Listed.]¹
- 1908 *Cixius venustulus* Oshanin, Verz. Palaeark. Hemip. **3**: 446. [Listed.]⁴
- 1910 *Cixius venustulus* Lambertie, Misc. Ent. **18**: 89. [Listed.]¹
- 1912 *Cixius venustulus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]⁵
- 1915 *Cixius venustulus* Codina, Bol. Soc. Aragonesa Cienc. Nat. **14**: 216 (5).
[Listed.]⁴
- 1920 *Cixius venustulus* Codina, Bol. Soc. Ent. España **1**: 104 (5). [Listed.]⁴
- 1927 *Cixius venustulus* Poisson and Poisson, Bull. Soc. Linn. Normandie (7)
9: 142. [Listed.]¹
- 1932 *Flata venustula* Sherborn, Index Animalium **28**: 6849. [Listed.]

verticalis Noulhier

- 1897 *Cixius verticalis* Noulhier, Rev. Ent. **16**: 79; Pl. 1, Spain¹
Fig. 1. [n. sp., illustrated.]¹ :77. [Listed.]
- 1899 *Cixius verticalis* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]¹

Cixius—*Cixiosoma*

1907 *Cixius verticalis* Oshanin, Verz. Palaeark. Hemip. 2: 243. [Listed.]¹

1912 *Cixius verticalis* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]¹

vicarius Walker. See *Oliarus vicarius* Walker.

vilis Walker

1857 *Cixius vilis* Walker, Jour. Linn. Soc. Zool. 1: 148. Borneo¹
[n. sp.]¹

1859 *Cixius vilis* Dohrn, Cat. Hemip. :61. [Listed.]¹

1907 *Cixius vilis* Distant, Ann. Mag. Nat. Hist. (7) 19: 285. [Mutilated.]¹

vitreus Rey (var.). See *Cixius sticticus* var. *vitreus* Rey.

vitripennis Kirschbaum

1868 *Cixius vitripennis* Kirschbaum, Cicad. Wiesbaden :48. Germany¹
[n. sp.]¹ Russia²

1872 *Cixius vitripennis* Fieber, Kat. Europäischen Cicad. :3. Austria³
[Listed.]¹ Caucasus⁴

1875 *Cixius vitripennis* Puton, Cat. Hémip. d'Europe 2 Ed. France⁵
:113. [Listed.]¹

1884 *Cixius vitripennis* Mayr, Tabellen :17. [Listed.]¹

1886 *Cixius vitripennis* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]^{1,2,3}

1896 *Cixius vitripennis* Melichar, Cicad. Mittel-Europa :27. [Described.]¹ :22.
[Key.]

1899 *Cixius vitripennis* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]^{1,2,3}

1904 *Cixius vitripennis* Hueber, Syst. Verz. deutschen Zikadinen :268.
[Listed.]¹

1907 *Cixius vitripennis* Oshanin, Verz. Palaeark. Hemip. 2: 246. [Listed.]^{1,4}

1912 *Cixius vitripennis* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]^{1,4}

1915 *Cixius vitripennis* Jensen-Haarup, Kobenhavn Flora og Fauna 1915: 86.
[Notes.]

1927 *Cixius vitripennis* Poisson and Poisson, Bull. Soc. Linn. Normandie (7)
9: 142. [Listed.]⁵

vulgaris Fieber (var.). See *Cixius cunicularia* Linné.

walkeri Stål. See *Oliarus walkeri* Stål.

Genus CIXIOSOMA Berg

Haplotype *Cixiosoma platensis* [n. sp.] 1879 Berg, An. Soc. Cient.
Argentina 8: 185.

Haplotype *Cixiosoma platensis* [n. sp.] 1879 Berg, Hemip. Argentina
:220.

Type *Cixiosoma platensis* 1925 Muir, Pan-Pacific Ent. 1: 100.

Cixiosoma 1879 Berg, An. Soc. Cient. Argentina 8: 185. [gen. n.]

1879 Berg, Hemip. Argentina :220. [gen. n.]

1882 Scudder, Nomenclator Zool. Univ. Index :70. [Listed.]

1882 Scudder, Nomenclator Zool. Suppl. List :75. [Listed.]

1883 Berg, An. Soc. Cient. Argentina 16: 188. [Listed.]

- 1884 Berg, Add. Hemip. Argentina :133. [Listed.]
 1925 Muir, Pan-Pacific Ent. **1**: 100. [Listed.] :108. [Key.]
 1927 Schulze, Kükenthal and Heider, Nomenclator Animal. **2** (7):
 710. [Listed.]

bonaerense Berg

- 1883 *Cixiosoma bonaerense* Berg, An. Soc. Cient. Argentina Argentine¹
16: 188. [n. sp.]¹
 1884 *Cixiosoma bonaerense* Berg, Add. Hemip. Argentina :133. [n. sp.]¹

platensis Berg

- 1879 *Cixiosoma platensis* Berg, An. Soc. Cient. Argentina **8**: Argentina¹
 186. [n. sp.]¹
 1879 *Cixiosoma platensis* Berg, Hemip. Argentina :221. [n. sp.]¹

Genus **IOLANIA** Kirkaldy

Orthotype *Iolania perkinsi* [n. sp.] 1902 Kirkaldy, Fauna Hawaiiensis
3: 118.

Type *Iolania perkinsi* 1925 Muir, Pan-Pacific Ent. **1**: 101.

- Iolania* 1902 Kirkaldy, Fauna Hawaiiensis **3**: 118. [gen. n., key.] :99. [Listed.]
 1909 Kirkaldy, Proc. Hawaiian Ent. Soc. **2**: 75. [Key, notes.]
 1912 Waterhouse, Index Zool. **2**: 141. [Listed.]
 1925 Giffard, Proc. Hawaiian Ent. Soc. **6**: 149 (99). [Described.]
 1925 Muir, Pan-Pacific Ent. **1**: 101. [Listed.] :108. [Key.]
 1930 Schulze, Kükenthal and Heider, Nomenclator Animal. **3** (13):
 1680. [Listed.]

clypealis Muir

- 1931 *Iolania clypealis* Muir, Rec. Australian Mus. **18**: 67. Queensland¹
 [n. sp.]¹

koolauensis Giffard

- 1925 *Iolania koolauensis* Giffard, Proc. Hawaiian Ent. Soc. Hawaiian
6: 154 (104); Pl. VIII, Figs. 141, 142. [Illustrated, Islands¹
 n. sp.]¹

lanaiensis Giffard

- 1925 *Iolania lanaiensis* Giffard, Proc. Hawaiian Ent. Soc. Hawaiian
6: 155 (105); Pl. VIII, Fig. 136. [Illustrated, n. sp.]¹ Islands¹

mauiensis Giffard

- 1925 *Iolania mauiensis* Giffard, Proc. Hawaiian Ent. Soc. **6**: Hawaiian
 155 (105); Pl. VIII, Fig. 135. [Illustrated, n. sp.]¹ Islands¹

notata Kirkaldy (var.). See *Iolania perkinsi* var. *notata* Kirkaldy.

oahuensis Giffard

- 1925 *Iolania oahuensis* Giffard, Proc. Hawaiian Ent. Soc. **6**: Hawaiian
 154 (104); Pl. VIII, Fig. 138. [Illustrated, n. sp.]¹ Islands¹

Iolania—*Brixia***perkinsi** Kirkaldy

- 1902 *Iolania perkinsi* Kirkaldy, Fauna Hawaiiensis 3: 119; Hawaii¹
Pl. IV, Figs. 3a–c. [Illustrated, n. sp.]¹ :99. [Listed.] Hawaiian
- 1908 *Iolania perkinsi* Kirkaldy, Proc. Hawaiian Ent. Soc. 1: Islands²
201. [Listed.]¹
- 1909 *Iolania perkinsi* Kirkaldy, Proc. Hawaiian Ent. Soc. 2: 75. [Notes.]
- 1913 *Iolania perkinsi* Swezey, Proc. Hawaiian Ent. Soc. 2: 199. [Listed.]¹
- 1925 *Iolania perkinsi* Giffard, Proc. Hawaiian Ent. Soc. 6: 153 (103); Pl.
VIII, Fig. 134. [Described, illustrated.]²
- 1932 *Iolania perkinsi* Swezey and Williams, Proc. Hawaiian Ent. Soc. 8: 189.
[Listed.]¹

perkensi var. *notata* Kirkaldy

- 1909 *Iolania perkensi notata* Kirkaldy, Proc. Hawaiian Ent. Soc. 2: 75. [n. var.]

vittipennis Muir

- 1931 *Iolania vittipennis* Muir, Rec. Australian Mus. 18: 66; Queensland¹
Fig. 5. [n. sp., illustrated.]¹

Genus **BRIXIA** Stål

Haplotype *Derbe natalicola* 1856 Stål, Ofv. Svenska Vet. Akad. Forh.
13: 162.

Type *Brixia natalicola* 1906 Distant, Fauna British India 3: 269.

Type *Brixia natalicola* 1907 Distant, Ann. Mag. Nat. Hist. (7) 19: 279.

Type *Derbe natalicola* 1925 Muir, Pan-Pacific Ent. 1: 100.

Type *Brixia natalicola* 1926 Schmidt, Treubia 7: 231.

[*Curiatius* Distant]

[Haplotype *Curiatius insignis* [n. sp.] 1917 Distant, Trans. Linn. Soc.
Zool. 17: 285.]

[Type *Curiatius insignis* 1925 Muir, Pan-Pacific Ent. 1: 100.]

[*Triopsis* Signoret]

[Haplotype *Triopsis fasciata* [n. sp.] 1860 Signoret, Ann. Soc. Ent.
France (3) 8: 187]

[Logotype *Triopsis fasciata* 1925 Muir, Pan-Pacific Ent. 1: 104.]

- Brixia* 1856 Stål, Ofv. Svenska Vet. Akad. Forh. 13: 162. [gen. n.]
1858 Signoret, Bull. Soc. Ent. France (3) 6: xxxviii. [Listed.]
1859 Dohrn, Cat. Hemip. :63. [Listed.]
1859 Stål, Freg. Eugénies Resa :276. [Described.]
1859 Stål, Berliner Ent. Zeit. 3: 320. [Listed.]

Triopsis 1860 Signoret, Ann. Soc. Ent. France (3) 8: 187; Pl. 5, Figs. 3, 3a–c.
[Illustrated, n. gen.]

Brixia 1862 Stål, Ofv. Svenska Vet. Akad. Forh. 19: 487. [Listed.]

- 1866 Stål, Hemip. Africana 4: 173. [Described.] Equals *Triopsis* Sign. :166. [Key.]
- 1869 Stål, Hemip. Fabriciana 2: 94. [Key.]
- 1870 Walker, Jour. Linn. Soc. Zool. 10: 106. [Listed.]
- Triopsis* 1882 Scudder, Nomenclator Zool. Univ. Index :327. [Listed.]
- Brixia* 1886 Atkinson, Jour. Asiatic Soc. Bengal 55: 33. [Described.] Equals *Triopsis* Sign.
- 1903 Melichar, Homop.-Fauna Ceylon :33. [Described.] Equals *Triopsis* Sign. :223. [Listed.]
- 1906 Distant, Fauna British India 3: 269. [Described.] Equals *Triopsis* Sign. [in part.] :256. [Key.]
- 1907 Distant, Ann. Mag. Nat. Hist. (7) 19: 279. [Listed.]
- Buxia* [sic] 1909 Lefroy, Indian Insect Life :725. [Notes.]
- Brixia* 1914 Matsumura, Annot. Zool. Japonenses 8: 431. [Listed.]
- 1915 Schumacher, Homop.-Fauna Insel Formosa :116. [Listed.]
- 1916 Distant, Fauna British India 6: 44. [Listed.]
- 1917 Distant, Trans. Linn. Soc. Zool. 17: 284. [Listed.]
- Curiatius* 1917 Distant, Trans. Linn. Soc. Zool. 17: 285. [gen. n.]
- Brixia* 1925 Handlirsch, Schroder's Handb. Ent. 3 (9): 1107. [Listed.]
- 1925 Muir, Pan-Pacific Ent. 1: 100. [Listed.] Equals *Triopsis* Sign. Equals *Curiatius* Dist. :108. [Key.]
- 1925 Muir, Trans. Ent. Soc. London 1924: 464. [Listed.] Equals *Triopsis* Sign. Equals *Curiatius* Dist.
- Triopsis* 1925 Muir, Pan-Pacific Ent. 1: 104. [Synonym of *Brixia* Stål.]
- Curiatius* 1925 Muir, Pan-Pacific Ent. 1: 100. [Synonym of *Brixia* Stål.]
- Brixia* 1926 Schmidt, Treubia 7: 231. [Listed.]
- 1926 Schulze, Kükenthal and Heider, Nomenclator Animal. 1 (3): 457. [Listed.]
- Curiatius* 1928 Schulze, Kükenthal and Heider, Nomenclator Animal. 2 (8): 861. [Listed.]

albomaculata Distant

- 1906 *Brixia albomaculata* Distant, Fauna British India 3: India¹
271. [n. sp.]¹
- 1922 *Brixia albomaculata* Muir, Rec. Indian Mus. 24: 347. [Listed.]¹

atratala Walker

- 1870 *Brixia atratala* Walker, Jour. Linn. Soc. Zool. 10: 107. Morty¹
[n. sp.]¹
- 1907 *Brixia atratala* Distant, Ann. Mag. Nat. Hist. (7) 19: 286. [Mutilated.]¹

bicolor Walker. See *Ptoleia bicolor* Walker.

bohemani Stål

- 1854 *Delphax bohemani* Stål, Ofv. Svenska Vet. Akad. Forh. Mauritius¹
11: 245. [n. sp.]¹ (Indian
- 1858 *Delphax bohemani* Walker, List Homop. British Mus. Ocean)
Add. :325. [Listed.]¹ East Africa²

Brixia

- 1859 *Brixia mauritii* Stål, Freg. Eugenies Resa :277. [Described.]¹ Nom. nov. for *Delphax bohemani* Stål.
 1859 *Delphax bohemani* Dohrn, Cat. Hemip. :61. [Listed.]¹
 1866 *Brixia bohemani* Stål, Hemip. Africana 4: 174. [Described.]¹ Equals *Delphax bohemani* Stål. Equals *Brixia mauritii* Stål.
 1905 *Brixia bohemannii* [sic] Melichar, Wien. Ent. Zeit. 24: 284. [Listed.]²

bohemannii. Typographical error for *Brixia bohemani* Stål.

buruana Schmidt

- 1926 *Brixia buruana* Schmidt, Treubia 7: 231. [n. sp.]¹ Buru¹
 (East Indies)

concinnulla Walker. See *Colvanalia concinnula* Walker.

congrua Walker

- 1870 *Brixia congrua* Walker, Jour. Linn. Soc. Zool. 10: 110. Mysol¹
 [n. sp.]¹ (East Indies)
 1907 *Brixia congrua* Distant, Ann. Mag. Nat. Hist. (7) 19:
 286. [Mutilated.]¹

elongata Distant. See *Andes elongata* Distant.

fasciata Signoret

- 1860 *Triopsis fasciata* Signoret, Ann. Soc. Ent. France (3) 8: Madagascar¹
 187; Pl. V, Fig. 3. [Illustrated, n. sp.]¹
 1866 *Brixia fasciata* Stål, Hemip. Africana 4: 174. [Described.]¹ Equals *Triopsis fasciata* Sign.
 1917 *Brixia fasciata* Jacobi, Reise in Ostafrika 3: 529. [Listed.]¹
 1925 *Brixia fasciata* Muir, Pan-Pacific Ent. 1: 104. Equals *Triopsis fasciata* Sign.

flavomaculata Distant

- 1906 *Brixia flavomaculata* Distant, Fauna British India 3: India¹
 272. [n. sp.]¹

formosana Matsumura

- 1914 *Brixia formosana* Matsumura, Annot. Zool. Japonenses Formosa¹
 8: 432. [n. sp.]¹
 1915 *Brixia formosana* Schumacher, Homop.-Fauna Insel Formosa :116.
 [Listed.]¹

fulgida Van Duzee. See *Oecidius fulgida* Van Duzee. Family KINNARIDAE.

fuscosa Van Duzee. See *Oecidius fuscosa* Van Duzee. Family KINNARIDAE.

geometrina Distant. See *Andes geometrina* Distant.

guttata Walker. See *Benna guttata* Walker.

harimaensis Matsumura

- 1914 *Brixia harimaensis* Matsumura, Annot. Zool. Japo- Japan¹
 nenses 8: 431. [n. sp.]¹

- 1932 *Brixia harimaensis* Esaki, Iconographia Insectorum Japonicorum :1778.
[Described, illustrated.]
1933 *Brixia harimaensis* Kato, Illustrated Insects of Japan 4: Pl. 14, Fig. 4.
[Illustrated.]¹

hildebrandti Jacobi

- 1917 *Brixia hildebrandti* Jacobi, Reise in Ostafrika 3: 529. Madagascar¹
[n. sp.]¹

humeralis Walker. See *Andes humeralis* Walker.

inornata Distant. See *Andes inornata* Distant.

insignis Distant

- 1917 *Curiatius insignis* Distant, Trans. Linn. Soc. Zool. 17: Seychelles¹
285; Pl. 49, Figs. 12, 12a. [n. sp., illustrated.]^{1,2} Mahe²
1925 *Brixia insignis* Muir, Pan-Pacific Ent. 1: 100. Equals (Indian
Curiatius insignis Dist. Ocean)

intertexta Walker. See *Oliarus intertexta* Walker.

lunulata Amyot and Serville

- 1843 *Derbe lunulata* Amyot and Serville, Hist. Nat. Ins. Mauritius¹
Hemip. :515. [n. sp.]¹ (Indian
1850 *Phenice lunulata* Schaum, Allg. Ency. Ersch und Gruber Ocean)
51: 70. [Listed.]¹ Equals *Derbe lunulata* A. and S.
1851 *Phenice lunulata* Walker, List Homop. British Mus. 2: 399. [Listed.]¹
Equals *Derbe lunulata* A. and S.
1859 *Phenice lunulata* Dohrn, Cat. Hemip. :62. [Listed.]¹
1866 *Brixia lunulata* Stål, Hemip. Africana 4: 174. [Described.]¹ Equals *Derbe*
lunulata A. and S.
1927 *Derbe lunata* [sic] Sherborn, Index Animalium 14: 3706. [Listed.]

mahensis Distant

- 1917 *Brixia mahensis* Distant, Trans. Linn. Soc. Zool. 17: Seychelles¹
284; Pl. 49, Figs. 14, 14a. [n. sp., illustrated.]^{1,2} Mahe²
(Indian
Ocean)

marginata Walker. See *Ptoleia marginata* Walker.

marmorata Uhler. See *Andes marmorata* Uhler.

mauritii Stål. See *Brixia bohemani* Stål.

meander Walker. See *Leirioessa meander* Walker.

migratoria Distant. See *Leirioessa migratoria* Distant.

nanula Walker

- 1870 *Brixia nanula* Walker, Jour. Linn. Soc. Zool. 10: 112. New Guinea¹
[n. sp.]¹
1907 *Brixia nanula* Distant, Ann. Mag. Nat. Hist. (7) 19: 285. [Mutilated.]¹

*Brixia***natalicola** Stål

- 1855 *Derbe natalicola* Stål, Ofv. Svenska Vet. Akad. Forh. 12: 93. [n. sp.]¹ Natal¹
Caffraria²
- 1856 *Brixia natalicola* Stål, Ofv. Svenska Vet. Akad. Forh. 13: 162. [Described.]² Equals *Derbe natalicola* Stål.
- 1859 *Brixia natalicola* Dohrn, Cat. Hemip. :63. [Listed.]²
- 1866 *Brixia natalicola* Stål, Hemip. Africana 4: 174. [Described.]² Equals *Derbe natalicola* Stål.

nexus Walker. See *Andes nexus* Walker.

nivea Walker

- 1870 *Brixia nivea* Walker, Jour. Linn. Soc. Zool. 10: 112. Mysol¹
[n. sp.]¹ (East Indies)

nubilus Walker. See *Leirioessa nubilus* Walker.

ocellata Matsumura

- 1914 *Brixia ocellata* Matsumura, Annot. Zool. Japonenses 8: 433. [n. sp.]¹ Formosa¹
- 1915 *Brixia ocellata* Schumacher, Homop.-Fauna Insel Formosa :116. [Listed.]¹

opaca Walker. See *Taloka opaca* Walker. Family ACHILIDAE.

palliceps Walker. See *Ptoleria palliceps* Walker.

pariceps Walker. See *Makula pariceps* Walker. Family DERBIDAE.

pictipennis Walker. See *Basileocephalus pictipennis* Walker. Family DERBIDAE.

plagosa Distant. See *Andes plagosa* Distant.

privata Walker [MS]. See *Oliarus privatus* Walker [MS].

pullus Muir

- 1925 *Brixia pullus* Muir, Trans. Ent. Soc. London 1924: 465; Pl. XLVI, Fig. 2. [n. sp., illustrated.]¹ Rodriguez
Island¹
(Indian
Ocean)

puncticosta Walker. See *Ptoleria puncticosta* Walker.

puncticosta var. β Walker. See *Ptoleria puncticosta* var. *beta* Metcalf.

rodriguezi Muir

- 1925 *Brixia rodriguezi* Muir, Trans. Ent. Soc. London 1924: 464; Pl. XLVI, Fig. 1. [n. sp., illustrated.]¹ Rodriguez
Island¹

rufula Walker. See *Ptoleria rufula* Walker.

speciosa Muir

- 1923 *Brixia speciosa* Muir, Ann. Mag. Nat. Hist. (9) 11: 554. Nyassaland¹
[n. sp.]¹

stannusi Muir

- 1923 *Brixia stannusi* Muir, Ann. Mag. Nat. Hist. (9) 11: 555. Nyassaland¹
[n. sp.]¹

stellata Distant

- 1917 *Brixia stellata* Distant, Trans. Linn. Soc. Zool. **17**: 284; Pl. 49, Figs. 17, 17a. [Illustrated, n. sp.]^{1,2,3} Seychelles¹
Silhouette²
- 1925 *Brixia stellata* Singh-Pruthi, Trans. Ent. Soc. London **1925**: 222; Pl. XXIX, Fig. 245. [Genitalia, illustrated.] Mahe³
(Indian Ocean)

subfasciata Stål. See *Leirioessa nubilus* Walker.

sublucida Walker

- 1870 *Brixia sublucida* Walker, Jour. Linn. Soc. Zool. **10**: 107. New Guinea¹
[n. sp.]¹
- 1907 *Brixia sublucida* Distant, Ann. Mag. Nat. Hist. (7) **19**: 286. [Mutilated.]¹

subpunctata Walker. See *Oliarus subpunctata* Walker.

tenebrosa Walker. See *Ptoleia tenebrosa* Walker.

terminalis Walker

- 1870 *Brixia terminalis* Walker, Jour. Linn. Soc. Zool. **10**: 111. New Guinea¹
[n. sp.]¹
- 1907 *Brixia terminalis* Distant, Ann. Mag. Nat. Hist. (7) **19**: 286. [Mutilated.]¹

testacea Walker. See *Phaciocephalus testacea* Walker. Family **DERBIDAE**.

tortriciformis Kirby

- 1891 *Brixia tortriciformis* Kirby, Jour. Linn. Soc. Zool. **24**: 138; Pl. V, Fig. 12. [Illustrated, n. sp.]¹ Ceylon¹
- 1903 *Brixia tortriciformis* Melichar, Homop.-Fauna Ceylon :34. [Described.]¹
:223. [Listed.]¹
- 1906 *Brixia tortriciformis* Distant, Fauna British India **3**: 271; Fig. 124. [Described, illustrated.]¹

varia Walker. See *Ptoleia varia* Walker.

variegata Walker. See *Ptoleia variegata* Walker.

variolosa Distant. See *Andes variolosa* Distant.

viridis Muir

- 1925 *Brixia viridis* Muir, Trans. Ent. Soc. London **1924**: 465. Rodriguez
[n. sp.]¹ Island¹
(Indian Ocean)

Genus **LEIRIOESSA** Kirkaldy

Orthotype *Leirioessa tortricomorpha* [n. sp.] 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 112.

Type *Leirioessa tortricomorpha* 1925 Muir, Pan-Pacific Ent. **1**: 102.

Type *Leirioessa tortricomorpha* 1925 Muir, Philippine Jour. Sci. **27**: 201.

Type *Leirioessa tortricomorpha* 1926 Schmidt, Treubia **7**: 231.

Leirioessa

- Leirioessa* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 112. [gen. n.] :106. [Key.] :12. [Listed.]
 1912 Waterhouse, Index Zool. **2**: 151. [Listed.]
 1922 Muir, Rec. Indian Mus. **24**: 347. [Notes.]
 1925 Muir, Pan-Pacific Ent. **1**: 102. To *Andes* Stål. [error.]
 1925 Muir, Philippine Jour. Sci. **27**: 201. To *Andes* Stål. [error.]
 1926 Schmidt, Treubia **7**: 230. [Listed.]
 1931 Schulze, Kükenthal and Heider, Nomenclator Animal. **3** (14): 1789. [Listed.]

buruensis Schmidt

- 1926 *Leirioessa buruensis* Schmidt, Treubia **7**: 230. [n. sp.]¹ Buru¹
 (East Indies)

lamononi Muir

- 1921 *Leirioessa lamononi* Muir, Proc. Hawaiian Ent. Soc. **4**: Samoa¹
 567. [n. sp.]¹
 1925 *Andes lamononi* Muir, Philippine Jour. Sci. **27**: 222. [Listed.] Equals
Leirioessa lamononi Muir.
 1927 *Andes lamononi* Muir, Fulgoroidea of Samoa :3; Fig. 1. [Notes, illus-
 trated.]¹ Equals *Leirioessa lamononi* Muir.

mander. Typographical error for *Leirioessa meander* Walker.

meander Walker

- 1851 *Cixius meander* Walker, List Homop. British Mus. **2**: India¹
 349. [n. sp.]¹ Ceylon²
 1859 *Cixius meander* Dohrn, Cat. Hemip. :60. [Listed.]¹
 1862 *Brixia meander* Stål, Ofv. Svenska Vet. Akad. Forh. **19**: 487. Equals
Cixius meander Walk.
 1886 *Brixia meander* Atkinson, Jour. Asiatic Soc. Bengal **55**: 34. [Described.]¹
 Equals *Cixius meander* Walk.
 1906 *Brixia meander* Distant, Fauna British India **3**: 270. [Described.]^{1,2}
 Equals *Cixius meander* Walk.
 1922 *Leirioessa mander* [sic] Muir, Rec. Indian Mus. **24**: 348. [Listed.]¹ Equals
Brixia meander Walk.
 1925 *Andes meander* Muir, Philippine Jour. Sci. **27**: 222. [Listed.] Equals
Cixius meander Walk. Equals *Brixia meander* Walk. Equals *Leirioessa*
meander Walk.

migratoria Distant

- 1907 *Brixia migratoria* Distant, Ann. Mag. Nat. Hist. (7) **19**: Queensland¹
 279. [n. sp.]¹ Australia²
 1907 *Leirioessa tortricomorpha* Kirkaldy, Bull. Hawaiian
 Sugar Pl. Assoc. **3**: 112; Pl. VIII, Figs. 19–21. [Illustrated, n. sp.]¹ :12.
 [Listed.]
 1907 *Brixia migratoria* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 115.
 [Listed.]¹

- 1925 *Andes migratorius* Muir, Philippine Jour. Sci. **27**: 223. [Listed.] Equals *Brixia migratoria* Dist.
 1925 *Andes tortricomorpha* Muir, Pan-Pacific Ent. **1**: 102. Equals *Leirioessa tortricomorpha* Kirk.
 1925 *Andes tortricomorphus* Muir, Philippine Jour. Sci. **27**: 222; Pl. 2, Fig. 28. [Listed, illustrated.] Equals *Leirioessa tortricomorpha* Kirk.
 1928 *Leirioessa migratoria* Jacobi, Mjoberg's Exp. Australia :35. [Described.]² Equals *Brixia migratoria* Dist. Equals *Leirioessa tortricomorpha* Kirk.

nubilus Walker

- 1858 *Cixius nubilus* Walker, List Homop. British Mus. Ceylon¹
 Suppl. :80. [n. sp.]¹ Java²
 1859 *Brixia subfasciata* Stål, Berliner Ent. Zeit. **3**: 320. India³
 [n. sp.]¹
 1862 *Brixia nubilus* Stål, Ofv. Svenska Vet. Akad. Forh. **19**: 487. Equals *Cixius nubilus* Walk.
 1863 *Cixius nubilus* Motschulsky, Bull. Soc. Nat. Moscou **36**: 105. [Listed.]¹
 1891 *Cixius nubilus* Kirby, Jour. Linn. Soc. Zool. **24**: 137; Pl. V, Fig. 13. [Described, illustrated.]¹
 1891 *Brixia subfasciata* Kirby, Jour. Linn. Soc. Zool. **24**: 138. [Listed.]¹
 1903 *Brixia nubila* Melichar, Homop.-Fauna Ceylon :33. [Described.]¹ Equals *Cixius nubilus* Walk. Equals *Brixia subfasciata* Stål. :223. [Listed.]¹
 1903 *Brixia subfasciata* Melichar, Homop.-Fauna Ceylon :223. [Listed.]¹
 1906 *Brixia nubila* Distant, Fauna British India **3**: 270. [Described.]¹ Equals *Brixia subfasciata* Stål. Equals *Cixius nubila* Walk.
 1908 *Brixia nubila* Bierman, Notes Leyden Mus. Jentink **29**: 154. [Listed.]²
 1914 *Brixia nubila* Melichar, Notes Leyden Mus. **36**: 95. [Listed.]² Equals *Cixius nubila* Walk. Equals *Brixia subfasciata* Stål.
 1922 *Leirioessa nubila* Muir, Rec. Indian Mus. **24**: 348. [Listed.]³ Equals *Brixia nubila* Walk.
 1925 *Andes nubilus* Muir, Philippine Jour. Sci. **27**: 222. [Listed.] Equals *Cixius nubilus* Walk. Equals *Brixia nubila* Walk. Equals *Leirioessa nubila* Walk. Equals *Brixia subfasciata* Stål.

pulchra Muir

- 1922 *Leirioessa pulchra* Muir, Rec. Indian Mus. **24**: 348. India¹
 [n. sp.]¹
 1925 *Andes pulchra* Muir, Philippine Jour. Sci. **27**: 222. [Listed.] Equals *Leirioessa pulchra* Muir.

tortricomorpha Kirkaldy. See *Leirioessa migratoria* Distant.

vitiensis Kirkaldy

- 1907 *Leirioessa vitiensis* Kirkaldy, Bull. Hawaiian Sugar Pl. Fiji¹
 Assoc. **3**: 112. [n. sp.]¹ :12. [Listed.]
 1925 *Andes vitiensis* Muir, Philippine Jour. Sci. **27**: 222. [Listed.] Equals *Leirioessa vitiensis* Kirk.

Genus SOUTHIA Kirkaldy

Orthotype *Delphax opposita* 1904 Kirkaldy, Entomologist 37: 279.

Type *Delphax opposita* 1925 Muir, Pan-Pacific Ent. 1: 104.

[*Paulia* Stål]

[Haplotype *Delphax opposita* 1869 Stål, Hemip. Fabriciana 2: 94.]

[Type *Delphax opposita* 1925 Muir, Pan-Pacific Ent. 1: 103.]

Paulia 1869 Stål, Hemip. Fabriciana 2: 94. [gen. n.]

1882 Scudder, Nomenclator Zool. Univ. Index :234. [Listed.]

Southia 1904 Kirkaldy, Entomologist 37: 279. Nom. nov. for *Paulia* Stål.

1912 Waterhouse, Index Zool. 2: 278. [Listed.]

1925 Muir, Pan-Pacific Ent. 1: 104. [Listed.] Equals *Paulia* Stål. :108. [Key.]

Paulia 1925 Muir, Pan-Pacific Ent. 1: 103. [Synonym of *Southia* Kirk.]

opposita Fabricius

1803 *Delphax opposita* Fabricius, Systema Rhyng. :84. South America¹
[n. sp.]¹

1830 *Asiraca opposita* Germar, Thon Archiv 2: 57. [Described.]¹ Equals
Delphax opposita Fabr.

1850 *Araeopus oppositus* Schaum, Allg. Ency. Ersch und Gruber 51: 69.
[Listed.]¹ Equals *Delphax oppositus* Fabr.

1851 *Aroepus?* [sic] *opposita* Walker, List Homop. British Mus. 2: 360.
[Listed.]¹ Equals *Delphax opposita* Fabr.

1859 *Araeophus?* [sic] *oppositus* Dohrn, Cat. Hemip. :62. [Listed.]¹

1869 *Paulia opposita* Stål, Hemip. Fabriciana 2: 95. [Described.]¹ Equals
Delphax opposita Fabr. Equals *Asiraca opposita* Germ.

1925 *Southia opposita* Muir, Pan-Pacific Ent. 1: 103. Equals *Delphax opposita*
Fabr.

1929 *Asiraca opposita* Sherborn, Index Animalium 18: 4592. [Listed.]

1929 *Delphax opposita* Sherborn, Index Animalium 18: 4592. [Listed.]

Genus OECLEUS Stål

Logotype *Oecleus seminiger* 1912 Oshanin, Kat. Palaeark. Hemip. :117.

Logotype *Oecleus seminiger* 1916 Van Duzee, Check List Hemip.
America :80.

Logotype *Oecleus seminiger* 1917 Van Duzee, Cat. Hemip. America
:736.

Type *Oecleus seminiger* 1925 Muir, Pan-Pacific Ent. 1: 103.

Logotype *Oecleus seminiger* 1928 Dozier, Tech. Bull. Mississippi Agr.
Exp. Sta. 14: 73.

Oecleus 1862 Stål, Berliner Ent. Zeit. 6: 306. [gen. n.]

1866 Stål, Hemip. Africana 4: 165. [Key.]

1882 Scudder, Nomenclator Zool. Univ. Index :216. [Listed.]

- 1884 Uhler, Standard Nat. Hist. 2: 240. [Notes.]
 1900 Smith, Ins. New Jersey 2: 89. [Listed.]
 1904 Fowler, Biologia Centrali-Americana 1: 88. [Notes, key to species.] :80. [Key.]
 1904 Swezey, Prelim. Cat. Fulgoridae North America :29. [Listed.]
 1907 Oshanin, Verz. Palaeark. Hemip. 2: 247. [Listed.]
 1908 Van Duzee, Proc. Acad. Nat. Sci. Philadelphia 1907: 484. [Key.]
 1910 Smith, Rept. Ins. New Jersey :96. [Listed.]
 1912 Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]
 1916 Van Duzee, Check List Hemip. America :80. [Listed.]
 1916 Oshanin, Horae Soc. Ent. Rossicae 42: 87. [Bibliography.]
 1917 Van Duzee, Cat. Hemip. America :736. [Listed.]
 1920 Britton, Check-List Ins. Connecticut :46. [Listed.]
 1920 Spooner, Ent. News 31: 45. [Ecology.]
 1923 Metcalf, Jour. Elisha Mitchell Soc. 38: 162. [Key.]
 1923 Van Duzee, Fulgoridae, Hemip. Connecticut :34. [Described.] :32. [Key.]
 1925 Muir, Pan-Pacific Ent. 1: 103. [Listed.] :108. [Key.]
 1928 Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 55. [Key.] :73. [Notes.]
 1928 Metcalf, Mem. Cornell Uni. Agr. Exp. Sta. 101: 177. [Listed.]
 1929 Knowlton, Florida Ent. 13: 50. [Listed.]

acutus Ball

- 1902 *Oecleus acutus* Ball, Canadian Ent. 34: 157. [n. sp.]¹ Haiti¹

addendus Fowler

- 1904 *Oecleus addendus* Fowler, Biologia Centrali-Americana Guatemala¹
 1: 91; Pl. X, Figs. 13, 13a. [n. sp., illustrated.]¹

brunneus Fowler

- 1904 *Oecleus brunneus* Fowler, Biologia Centrali-Americana Mexico¹
 1: 91; Pl. X, Figs. 11, 11a. [n. sp., illustrated.]¹

borealis Van Duzee

- 1900 *Oecleus decens* Smith, [nec Stål], Ins. New Jersey 2: 89. New Jersey¹
 [Listed.]¹ Florida²
 1909 *Oecleus decens* Van Duzee, [nec Stål], Bull. Buffalo Soc. New York³
 Nat. Sci. 9: 188. [Listed.]² District of
 1910 *Oecleus decens* Smith, [nec Stål], Rept. Ins. New Jersey Columbia⁴
 :96. [Listed.]¹ Eastern
 1912 *Oecleus borealis* Van Duzee, Bull. Buffalo Soc. Nat. Sci. States⁵
 10: 495. [n. sp.]^{1,2,3,4} Connecticut⁶
 1914 *Oecleus borealis* Barber, Bull. American Mus. Nat. Hist. Mississippi⁷
 33: 527. [Listed.]² South
 1916 *Oecleus borealis* Van Duzee, Check List Hemip. America Carolina⁸
 :80. [Listed.]⁵ Equals *Oecleus decens* Van D. [nec Stål.] Georgia⁹,

Oecleus

- 1917 *Oecleus borealis* Van Duzee, Cat. Hemip. America :736. Utah¹⁰
[Listed.]^{1,2,3,4} Equals *Oecleus decens* Van D. [nec Stål.]
- 1918 *Oecleus borealis* Weiss, Ent. News 29: 309. [Listed.]¹
- 1920 *Oecleus borealis* Britton, Check-List Ins. Connecticut :46. [Listed.]⁶
- 1921 *Oecleus borealis* Osborn, Florida Ent. 5: 15. [Listed.]²
- 1923 *Oecleus borealis* Metcalf, Jour. Elisha Mitchell Soc. 38: 163; Figs. 86, 302, 303, 517, 592. [Key, illustrated.]
- 1923 *Oecleus borealis* Van Duzee, Fulgoridae, Hemip. Connecticut :34. [Described.]⁶
- 1928 *Oecleus borealis* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 73; Fig. 18. [Described, illustrated.]^{1,2,3,4,7,8,9}
- 1928 *Oecleus borealis* Metcalf, Mem. Cornell Uni. Agr. Exp. Sta. 101: 177. [Listed.]³
- 1929 *Oecleus borealis* Knowlton, Florida Ent. 13: 50. [Listed.]¹⁰

campestris Ball

- 1902 *Oecleus campestris* Ball, Canadian Ent. 34: 156. [n. sp.]¹ Colorado¹
- 1904 *Oecleus campestris* Swezey, Prelim. Cat. Fulgoridae Rocky
North America :29. [Listed.]¹ Mountains²
- 1916 *Oecleus campestris* Van Duzee, Check List Hemip. Connecticut³
America :80. [Listed.]² Mississippi⁴
- 1917 *Oecleus campestris* Van Duzee, Cat. Hemip. America
:737. [Listed.]¹
- 1920 *Oecleus campestris* Britton, Check-List Ins. Connecticut :46. [Listed.]³
- 1928 *Oecleus campestris* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14:
75. [Described.]⁴

capitulatus Van Duzee

- 1912 *Oecleus capitulatus* [sic] Van Duzee, Bull. Buffalo Soc. Arizona¹
Nat. Sci. 10: 495. [n. sp.]¹ Southwestern
- 1916 *Oecleus capitulatus* Van Duzee, Check List Hemip. States²
America :80. [Listed.]²
- 1917 *Oecleus capitulatus* Van Duzee, Cat. Hemip. America :737. [Listed.]¹

concinus Fowler

- 1904 *Oecleus concinns* Fowler, Biologia Centrali-Americana Mexico¹
1: 91; Pl. X, Figs. 12, 12a, 12b. [Illustrated, n. sp.]¹

cucullatus Noulhier

- 1896 *Oliarus cucullatus* Noulhier, Bull. Mus. Hist. Nat. Cambodia¹
Paris 1896: 255. [n. sp.]¹ West China²
- 1902 *Oecleus* [sic] *cucullatus* Melichar, Ann. Mus. St. Petersburg 7: 88 (13). [Described.]² Equals *Oliarius* [sic] *cucullatus* Noulhier. Sze-tshwan³
(China)
Middle
- 1904 *Oliarus cucullatus* Noulhier and Martin, Mission Pavie China⁴
:180; Pl. XI, Figs. 7, 8. [Described, illustrated.]¹ Oriental

- 1907 *Oecleus cucullatus* Oshanin, Verz. Palaeark. Hemip. 2: 247. [Listed.]^{1,3} Equals *Oliarius* [sic] *cucullatus* Noualh.
 1912 *Oecleus cucullatus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]^{4,5}

decens Stål

- 1862 *Oecleus decens* Stål, Berliner Ent. Zeit. 6: 307. [n. sp.]¹ Mexico¹
 1864 *Oecleus decens* Stål, Stettiner Ent. Zeit. 25: 50. [Listed.]¹ New Jersey²
 1892 *Oecleus decens* Townsend, Psyche 6: 353. [Oviposition District of
 in Yucca.]⁹ Columbia³
 1892 *Oecleus decens* Townsend, Canadian Ent. 24: 197. California⁴
 [Notes.]⁹ North
 1894 *Oecleus decens* Townsend, Canadian Ent. 26: 316. Carolina⁵
 [Listed.]⁹ [Food plant. *Helianthus*.] Southwestern
 1904 *Oecleus decens* Fowler, Biologia Centrali-Americana 1: States⁶
 90; Pl. X, Figs. 6, 6a, 7. [Notes, illustrated.]¹ Connecticut⁷
 1904 *Oecleus decens* Swezey, Prelim. Cat. Fulgoridae North Lower
 America :29. [Listed.]^{2,3,9} California⁸
 1913 *Oecleus decens* Metcalf, Ann. Ent. Soc. America 6: 349; New Mexico⁹
 Pl. XXXVII, Figs. 62, 63. [Venation, illustrated.] Louisiana¹⁰
 1914 *Oecleus decens* Van Duzee, Trans. San Diego Soc. Nat. Hist. 2: 40. [Notes.]⁴
 1915 *Oecleus decens* Metcalf, Jour. Elisha Mitchell Soc. 31: 43 (11). [Listed.]⁵
 1916 *Oecleus decens* Van Duzee, Check List Hemip. America :80. [Listed.]⁶
 1917 *Oecleus decens* Van Duzee, Cat. Hemip. America :736. [Listed.]^{1,4,9}
 1920 *Oecleus decens* Britton, Check-List Ins. Connecticut :46. [Listed.]⁷
 1923 *Oecleus decens* Metcalf, Jour. Elisha Mitchell Soc. 38: 162; Figs. 297, 587. [Key, illustrated.]
 1923 *Oecleus decens* Van Duzee, Proc. California Acad. Sci. (4) 12: 190. [Notes.]⁸
 1928 *Oecleus decens* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 74. [Described.]^{1,4,9,10}

decens Van Duzee [nec Stål]. See *Oecleus borealis* Van Duzee.

excavatus Ball

- 1902 *Oecleus excavatus* Ball, Canadian Ent. 34: 155. [n. sp.]¹ Colorado¹
 1904 *Oecleus excavatus* Swezey, Prelim. Cat. Fulgoridae Rocky
 North America :29. [Listed.]¹ Mountains²
 1916 *Oecleus excavatus* Van Duzee, Check List Hemip. America :80. [Listed.]²
 1917 *Oecleus excavatus* Van Duzee, Cat. Hemip. America :737. [Listed.]¹

fulvidorsum Ball

- 1902 *Oecleus fulvidorsum* Ball, Canadian Ent. 34: 157. Colorado¹
 [n. sp.]^{1,2} Arizona²
 1904 *Oecleus fulvidorsum* Swezey, Prelim. Cat. Fulgoridae Southwestern
 North America :29. [Listed.]^{1,2} States³

Oecleus

- 1916 *Oecleus fulvidorsum* Van Duzee, Check List Hemip. America :80. [Listed.]³
 1917 *Oecleus fulvidorsum* Van Duzee, Cat. Hemip. America :737. [Listed.]^{1,2}
 1923 *Oecleus fulvidorsum* Metcalf, Jour. Elisha Mitchell Soc. **38**: 163; Figs. 299, 589. [Key, illustrated.]

lineatus Ball

- 1902 *Oecleus lineatus* Ball, Canadian Ent. **34**: 154. [n. sp.]¹ Arizona¹
 1904 *Oecleus lineatus* Swezey, Prelim. Cat. Fulgoridae North America :29. [Listed.]¹ Southwestern States²
 1916 *Oecleus lineatus* Van Duzee, Check List Hemip. America :80. [Listed.]²
 1917 *Oecleus lineatus* Van Duzee, Cat. Hemip. America :737. [Listed.]¹
 1923 *Oecleus lineatus* Metcalf, Jour. Elisha Mitchell Soc. **38**: 163; Figs. 300, 590. [Key, illustrated.]

minimus Fowler

- 1904 *Oecleus minimus* Fowler, Biologia Centrali-Americana **1**: 90; Pl. X, Figs. 10, 10a, 10b. [Illustrated, n. sp.]¹ Mexico¹

monilipennis Van Duzee

- 1923 *Oecleus monilipennis* Van Duzee, Proc. California Acad. Sci. (4) **12**: 190. [n. sp.]¹ Lower California¹

nervosus Van Duzee. Error for *Oecleus venosus* Van Duzee.

obtusus Ball

- 1902 *Oecleus obtusus* Ball, Canadian Ent. **34**: 155. [n. sp.]^{1,2,3,4} Nebraska¹
 1904 *Oecleus obtusus* Swezey, Prelim. Cat. Fulgoridae North America :29. [Listed.]^{1,2,3,4,5} Kansas²
 Colorado³
 1916 *Oecleus obtusus* Van Duzee, Check List Hemip. America :80. [Listed.]⁶ Utah⁴
 Arizona⁵
 1917 *Oecleus obtusus* Van Duzee, Cat. Hemip. America :737. [Listed.]^{2,3,4,5} Southwestern States⁶
 1923 *Oecleus obtusus* Metcalf, Jour. Elisha Mitchell Soc. **38**: 163; Figs. 301, 591. [Key, illustrated.]
 1929 *Oecleus obtusus* Knowlton, Florida Ent. **13**: 50. [Listed.]⁴

pellucens Fowler

- 1904 *Oecleus pellucens* Fowler, Biologia Centrali-Americana **1**: 90; Pl. X, Figs. 8, 8a, 9. [Illustrated, n. sp.]¹ Mexico¹
 Arizona²
 1912 *Oecleus pellucens* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **10**: 497. [Described.]² Southwestern States³
 1916 *Oecleus pellucens* Van Duzee, Check List Hemip. America :80. [Listed.]³
 1917 *Oecleus pellucens* Van Duzee, Cat. Hemip. America :737. [Listed.]^{2,1}

perpictus Van Duzee

- 1929 *Oecleus perpictus* Van Duzee, Pan-Pacific Ent. **5**: 173. California¹
[n. sp.]¹

pictifrons Stål. See *Myndus pictifrons* Stål.

productus Metcalf

- 1923 *Oecleus productus* Metcalf, Jour. Elisha Mitchell Soc. Illinois¹
38: 184; Figs. 298, 588. [Illustrated, n. sp.]^{1,2} :163. Arizona²
[Key.]
1927 *Oecleus productus* Frison, Bull. Illinois Nat. Hist. Surv. **16**: 153. [Listed.]¹

quadrilineatus Van Duzee

- 1912 *Oecleus quadrilineatus* Van Duzee, Bull. Buffalo Soc. Arizona¹
Nat. Sci. **10**: 496. [n. sp.]¹ Southwestern
1916 *Oecleus quadrilineatus* Van Duzee, Check List Hemip. States²
America :80. [Listed.]²
1917 *Oecleus quadrilineatus* Van Duzee, Cat. Hemip. America :737. [Listed.]¹

seminiger Stål

- 1862 *Oecleus seminiger* Stål, Berliner Ent. Zeit. **6**: 307. Mexico¹
[n. sp.]¹
1864 *Oecleus seminiger* Stål, Stettiner Ent. Zeit. **25**: 50. [Listed.]¹
1904 *Oecleus seminiger* Fowler, Biologia Centrali-Americana **1**: 89; Pl. X,
Figs. 3, 3a. [Notes, illustrated.]¹

snowi Ball

- 1904 *Oecleus snowi* Snow, Bull. Kansas Univ. Sci. **2**: 349. Arizona¹
[Listed.] [nom. nud.]¹ Southwestern
1905 *Oecleus snowi* Ball, Proc. Biol. Soc. Washington **18**: 117. States²
[n. sp.]¹
1916 *Oecleus snowi* Van Duzee, Check List Hemip. America :80. [Listed.]²
1917 *Oecleus snowi* Van Duzee, Cat. Hemip. America :737. [Listed.]¹

subreflexus Van Duzee

- 1925 *Oecleus subreflexus* Van Duzee, Proc. California Acad. California¹
Sci. (4) **14**: 406. [n. sp.]¹

teapae Fowler

- 1904 *Oecleus teapae* Fowler, Biologia Centrali-Americana **1**: Mexico¹
89; Pl. X, Figs. 5, 5a. [Illustrated, n. sp.]¹

tenellus Fowler

- 1904 *Oecleus tenellus* Fowler, Biologia Centrali-America **1**: Mexico¹
89; Pl. X, Figs. 4, 4a. [Illustrated, n. sp.]¹

venosus Van Duzee

- 1912 *Oecleus venosus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. California¹
10: 496. [n. sp.]¹ Pacific States²

Oecleus—Rhamphixius—Antillixius—Microledrida

1914 *Oecleus venosus* Van Duzee, Trans. San Diego Soc. Nat.
Hist. 2: 40. [Notes.]¹

1916 *Oecleus venosus* Van Duzee, Check List Hemip. America :80. [Listed.]²

1917 *Oecleus venosus* Van Duzee, Proc. California Acad. Sci. 7: 309. [Listed.]¹

1917 *Oecleus nervosus* [sic] Van Duzee, Cat. Hemip. America :737. [Listed.]¹

Genus **RHAMPHIXIUS** Fowler

Haplotype *Rhamphixius championi* [n. sp.] 1904 Fowler, Biologia Centrali-Americana 1: 81.

Type *Rhamphixius championi* 1925 Muir, Pan-Pacific Ent. 1: 103.

Rhamphixius 1904 Fowler, Biologia Centrali-Americana 1: 81. [gen. n.] :80.
[Key.]

1912 Waterhouse, Index Zool. 2: 262. [Listed.]

1917 Heidemann and Osborn, Ann. Carnegie Mus. 11: 348.
[Listed.]

1925 Muir, Pan-Pacific Ent. 1: 103. [Listed.] :109. [Key.]

championi Fowler

1904 *Rhamphixius championi* Fowler, Biologia Centrali- Guatemala¹
Americana 1: 81; Pl. IX, Figs. 10, 10a, 10b. [Illustrated, Panama²
n. sp.]^{1,2}

1917 *Rhamphixius championi* Heidemann and Osborn, Ann. Carnegie Mus.
11: 347. [Comparative note.]¹

pallidus Heidemann and Osborn

1917 *Rhamphixius pallidus* Heidemann and Osborn, Ann. Isle of Pines¹
Carnegie Mus. 11: 347. [n. sp.]¹ (West Indies)

Genus **ANTILLIXIUS** Myers

Orthotype *Antillixius greyi* [n. sp.] 1928 Myers, Studies on Cuban
Insects :16.

Antillixius 1928 Myers, Studies on Cuban Insects :16. [gen. n.]

greyi Myers

1928 *Antillixius greyi* Myers, Studies on Cuban Insects :17; Cuba¹
Fig. 6. [n. sp., illustrated.]¹

Genus **MICROLEDRIDA** Fowler

Haplotype *Microledrida asperata* 1904 [n. sp.] Fowler, Biologia Cen-
trali-Americana 1: 99.

Haplotype *Microledrida asperata* 1916 Van Duzee, Check List Hemip.
America :80.

Haplotype *Microledrida asperata* 1917 Van Duzee, Cat. Hemip.
America :736.

Type *Microledrida asperata* 1925 Muir, Pan-Pacific Ent. 1: 102.

- Microledrida* 1904 Fowler, *Biologia Centrali-Americana* :99. [gen. n.] :81. [Key.]
- Microledrida* [sic] 1912 Waterhouse, *Index Zool.* 2: 177. [Listed.]
- Microledrida* 1916 Van Duzee, *Check List Hemip. America* :80. [Listed.]
- 1917 Van Duzee, *Cat. Hemip. America* :736. [Listed.]
- 1923 Metcalf, *Jour. Elisha Mitchell Soc.* 38: 161. [Key.]
- 1925 Muir, *Pan-Pacific Ent.* 1: 102. [Listed.] :109. [Key.]
- 1931 Schulze, Kükenthal and Heider, *Nomenclator Animal.* 3 (15): 2085. [Listed.]
- Microledrida* [sic] 1931 Schulze, Kükenthal and Heider, *Nomenclator Animal.* 3 (15): 2085. [Listed.] To *Microledrida* Fowl.

asperata Fowler

- 1904 *Microledrida asperata* Fowler, *Biologia Centrali-Americana* 1: 99; Pl. XI, Figs. 1, 1a, 1b, 2. [Illustrated, n. sp.]¹ Mexico¹
- 1923 *Microledrida asperata* Metcalf, *Jour. Elisha Mitchell Soc.* 38: 161; Fig. 577. [Key, illustrated.]

flava Metcalf

- 1923 *Microledrida flava* Metcalf, *Jour. Elisha Mitchell Soc.* 38: 183; Figs. 76, 280, 281, 576. [Illustrated, n. sp.]¹ Texas¹
:161. [Key.]
- 1927 *Microledrida flava* Frison, *Bull. Illinois Nat. Hist. Surv.* 16: 153. [Listed.]¹

fuscata Van Duzee

- 1914 *Microledrida fuscata* Van Duzee, *Trans. San Diego Soc. Nat. Hist.* 2: 38. [n. sp.]¹ California¹
Pacific States²
- 1916 *Microledrida fuscata* Van Duzee, *Check List Hemip. America* :80. [Listed.]²
- 1917 *Microledrida fuscata* Van Duzee, *Cat. Hemip. America* :736. [Listed.]¹

Genus **NYPHOCIXIA** Van Duzee

Orthotype *Nymphocixia unipunctata* [n. sp.] 1923 Van Duzee, *Proc. California Acad. Sci.* (4) 12: 189.

Type *Nymphocixia unipunctata* 1925 Muir, *Pan-Pacific Ent.* 1: 103.

Nymphocixia 1923 Van Duzee, *Proc. California Acad. Sci.* (4) 12: 189. [gen. n.]
1925 Muir, *Pan-Pacific Ent.* 1: 103. [Listed.] :109. [Notes.]

unipunctata Van Duzee

- 1923 *Nymphocixia unipunctata* Van Duzee, *Proc. California Acad. Sci.* (4) 12: 189. [n. sp.]¹ Lower California¹

vanduzeei Muir

- 1930 *Nymphocixia vanduzeei* Muir, *Pan-Pacific Ent.* 7: 13. Columbia¹
[n. sp.]¹

Genus **PACHYNTHEISA** Fowler

Logotype *Pachyntheisa concinna* 1925 Muir, Pan-Pacific Ent. 1: 103.

Pachyntheisa 1904 Fowler, Biologia Centrali-Americana 1: 99. [gen. n.] :81. [Key.]

1912 Waterhouse, Index Zool. 2: 207. [Listed.]

1925 Muir, Pan-Pacific Ent. 1: 103. [Listed.] :109. [Key.]

concinna Fowler

1904 *Pachyntheisa concinna* Fowler, Biologia Centrali-Americana 1: 100; Pl. XI, Figs. 3, 3a-c. [n. sp., illustrated.]¹ Mexico¹

excelsior Fowler

1904 *Pachyntheisa excelsior* Fowler, Biologia Centrali-Americana 1: 100; Pl. XI, Figs. 4, 4a. [n. sp., illustrated.]¹ Mexico¹

Genus **DUILIUS** Stål

Haplotype *Duilius tenuis* [n. sp.] 1858 Stål, Ofv. Svenska Vet. Akad. Forh. 15: 319.

Type *Duilius tenuis* 1912 Oshanin, Kat. Palaeark. Hemip. :117.

Type *Duilius tenuis* 1925 Muir, Pan-Pacific Ent. 1: 100.

Type *Duilius tenuis* 1925 Hesse, Ann. South African Mus. 23: 153.

Duilius 1858 Stål, Ofv. Svenska Vet. Akad. Forh. 15: 319. [gen. n.]

1866 Stål, Hemip. Africana 4: 166. [Key.] :172. [Described.]

1882 Scudder, Nomenclator Zool. Univ. Index :105. [Listed.]

1907 Oshanin, Verz. Palaeark. Hemip. 2: 248. [Listed.] Equals *Hemitropis* Fieb. [error.] Equals *Haplacha* Fieb. [error.]

1912 Oshanin, Kat. Palaeark. Hemip. :117. [Listed.] Equals *Hemitropis* Fieb. [error.] Equals *Haplacha* Fieb. [error.]

1913 Schumacher, Rhynchoten-Fauna Sudafrikas :88. [Listed.]

1925 Muir, Pan-Pacific Ent. 1: 100, [Listed.] :109. [Key.]

1925 Hesse, Ann. South African Mus. 23: 153. [Listed.]

1928 Schulze, Kükenthal and Heider, Nomenclator Animal. 2 (9): 1075. [Listed.]

arcuferus Puton. See *Hemitropis arcuferus* Puton.

bipunctatus Fieber. See *Hemitropis bipunctata* Fieber.

fasciatus Horváth. See *Hemitropis fasciata* Horváth.

irroratus Costa. See *Hemitropis seticulosa* Lethierry.

letourneuxi Lethierry. See *Hemitropis letourneuxi* Puton and Lethierry.

modestus Horváth. See *Hemitropis modesta* Horváth.

seticulosus Lethierry. See *Hemitropis seticulosa* Lethierry.

seticulosus var. *punctata* Lallemand. See *Hemitropis seticulosus* var. *punctata* Lallemand.

tamaricis Lethierry. See *Hemitropis tamaricis* Puton and Lethierry.

tenuis Stål

1858 *Duilius tenuis* Stål, Ofv. Svenska Vet. Akad. Forh. 15: 319. [n. sp.]¹ South Africa Damaraland²

1866 *Duilius tenuis* Stål, Hemip. Africana 4: 172. [Described.]¹

1913 *Duilius tenuis* Schumacher, Rhynchoten-Fauna Sudafrikas :88. [Listed.]²

1925 *Duilius tenuis* Hesse, Ann. South African Mus. 23: 153. [Listed.]²

viridulus Horváth. See *Hemitropis viridula* Horváth.

Genus **PLATYCIXIUS** Van Duzee

Orthotype *Platycixius calvus* [n. sp.] 1914 Van Duzee, Trans. San Diego Soc. Nat. Hist. 2: 37.

Orthotype *Platycixius calvus* 1916 Van Duzee, Check List Hemip. America :79.

Orthotype *Platycixius calvus* 1917 Van Duzee, Cat. Hemip. America :734.

Type *Platycixius calvus* 1925 Muir, Pan-Pacific Ent. 1: 103.

Platycixius 1914 Van Duzee, Trans. San Diego Soc. Nat. Hist. 2: 37. [gen. n.]

1916 Van Duzee, Check List Hemip. America :79. [Listed.]

1917 Van Duzee, Cat. Hemip. America :734. [Listed.]

1925 Muir, Pan-Pacific Ent. 1: 103. [Listed.] :109. [Key.]

calvus Van Duzee

1914 *Platycixius calvus* Van Duzee, Trans. San Diego Soc. Nat. Hist. 2: 38. [n. sp.]¹ California¹
Pacific

1916 *Platycixius calvus* Van Duzee, Check List Hemip. America :79. [Listed.]² States²

1917 *Platycixius calvus* Van Duzee, Cat. Hemip. America :734. [Listed.]¹

Genus **MICRIXIA** Fowler

Haplotype *Micrixia costalis* [n. sp.] 1904 Fowler, Biologia Centrali-Americana 1: 100.

Type *Micrixia concinna* [sic] 1925 Muir, Pan-Pacific Ent. 1: 102.

Micrixia 1904 Fowler, Biologia Centrali-Americana 1: 100. [gen. n.] :81. [Key.]

1912 Waterhouse, Index Zool. 2: 176. [Listed.]

1925 Muir, Pan-Pacific Ent. 1: 102. [Listed.] :109. [Key.]

1931 Schulze, Kükenthal and Heider, Nomenclator Animal. 3 (15): 2076. [Listed.]

concinna. Typographical error for *Micrixia costalis* Fowler.

costalis Fowler

1904 *Micrixia costalis* Fowler, Biologia Centrali-Americana 1: 101; Pl. XI, Figs. 5, 5a-b. [n. sp., illustrated.]¹ Mexico¹

1925 *Micrixia concinna* [sic] Muir, Pan-Pacific Ent. 1: 102. [Listed.]

Genus **ADOLENDA** Distant

Haplotype *Adolenda typica* [n. sp.] 1911 Distant, Ann. Mag. Nat. Hist. (8) 8: 740.

*Adolenda—Aulocorypha—Bodecia*Type *Adolenda typica* 1916 Distant, Fauna British India 6: 36.Type *Adolenda typica* 1925 Muir, Pan-Pacific Ent. 1: 99.*Adolenda* 1911 Distant, Ann. Mag. Nat. Hist. (8) 8: 740. [gen. n.]

1916 Distant, Fauna British India 6: 36. [Described.]

1925 Muir, Pan-Pacific Ent. 1: 99. [Listed.] :109. [Key.]

1926 Schulze, Kükenthal and Heider, Nomenclator Animal. 1 (1): 58. [Listed.]

typica Distant1911 *Adolenda typica* Distant, Ann. Mag. Nat. Hist. (8) 8: Simla¹
740. [n. sp.]¹ (India)1916 *Adolenda typica* Distant, Fauna British India 6: 36;
Fig. 21. [Described, illustrated.]¹Genus **AULOCORYPHA** BergHaplotype *Aulocorypha punctulata* [n. sp.] 1879 Berg, An. Soc. Cient.
Argentina 8: 186.Haplotype *Aulocorypha punctulata* [n. sp.] 1879 Berg, Hemip. Argentin-
tina :221.Type *Aulocorypha punctulata* 1925 Muir, Pan-Pacific Ent. 1: 99.*Aulocorypha* 1879 Berg, An. Soc. Cient. Argentina 8: 186. [gen. n.]

1879 Berg, Hemip. Argentina :221. [gen. n.]

1882 Scudder, Nomenclator Zool. Univ. Index :34. [Listed.]

Aulacorypha [sic] 1882 Scudder, Nomenclator Zool. Suppl. List :39. [Listed.]*Aulocorypha* 1925 Muir, Pan-Pacific Ent. 1: 99. [Listed.] :159. [Notes.]1926 Schulze, Kükenthal and Heider, Nomenclator Animal.
1 (3): 338. [Listed.]*Aulacorypha* [sic] 1926 Schulze, Kükenthal and Heider, Nomenclator Animal.
1 (3): 335. [Listed.]*punctulata* Berg1879 *Aulocorypha punctulata* Berg, An. Soc. Cient. Argentina Argentina¹
8: 187. [n. sp.]¹1879 *Aulocorypha punctulata* Berg, Hemip. Argentina :222. [n. sp.]¹Genus **BODECIA** WalkerHaplotype *Bodecia varipes* [n. sp.] 1870 Walker, Jour. Linn. Soc. Zool.
10: 117.Type *Bodecia varipes* 1907 Distant, Ann. Mag. Nat. Hist. (7) 19: 284.Type *Bodecia varipes* 1925 Muir, Pan-Pacific Ent. 1: 100.*Bodecia* 1870 Walker, Jour. Linn. Soc. Zool. 10: 117. [gen. n.]

1882 Scudder, Nomenclator Zool. Univ. Index :40. [Listed.]

1907 Distant, Ann. Mag. Nat. Hist. (7) 19: 284. [Notes.]

1925 Muir, Pan-Pacific Ent. 1: 100. [Listed.] :159. [Notes.]

- 1926 Schulze, Kükenthal and Heider, Nomenclator Animal. 1 (3): 415.
[Listed.]

varipes Walker

- 1870 *Bodecia varipes* Walker, Jour. Linn. Soc. Zool. 10: 117. Mysol¹
[n. sp.]¹ (East Indies)

Genus **CALERDA** Signoret

- Haplotype *Calerda biocellata* [n. sp.] 1863 Signoret, Ann. Soc. Ent.
France (4) 3: 583.

Type *Calerda biocellata* 1925 Muir, Pan-Pacific Ent. 1: 100.

- Calerda* 1863 Signoret, Ann. Soc. Ent. France (4) 3: 583. [gen. n.]
1882 Scudder, Nomenclator Zool. Univ. Index :48. [Listed.]
1925 Muir, Pan-Pacific Ent. 1: 100. [Listed.] :160. [Notes.]
1927 Schulze, Kükenthal and Heider, Nomenclator Animal. 2 (6): 491.
[Listed.]

biocellata Signoret

- 1863 *Calerda biocellata* Signoret, Ann. Soc. Ent. France (4) Chile¹
3: 584; Pl. 11, Fig. 8. [Illustrated, n. sp.]¹

Genus **IPSNOLA** Signoret

- Haplotype *Ipsnola sextuberculata* [n. sp.] 1885 Signoret, Ann. Soc. Ent.
France (6) 5: 69.

Type *Ipsnola sextuberculata* 1925 Muir, Pan-Pacific Ent. 1: 101.

- Ipsnola* 1885 Signoret, Ann. Soc. Ent. France (6) 5: 69. [gen. n.]
1902 Waterhouse, Index Zool. :183. [Listed.]
1925 Muir, Pan-Pacific Ent. 1: 101. [Listed.] :160. [Notes.]
1930 Schulze, Kükenthal, Heider, Nomenclator Animal. 3 (13): 1684.
[Listed.]

sextuberculata Signoret

- 1885 *Ipsnola sextuberculata* Signoret, Ann. Soc. Ent. France Chile¹
(6) 5: 70. [n. sp.]¹

Genus **TIRITEANA** Myers

- Orthotype *Tiriteana clarkei* [n. sp.] 1924 Myers, Trans. New Zealand
Inst. 55: 325.

Type *Tiriteana clarkei* 1925 Muir, Pan-Pacific Ent. 1: 104.

- Tiriteana* 1924 Myers, Trans. New Zealand Inst. 55: 325. [gen. n.] :317. [Key.]
1925 Muir, Pan-Pacific Ent. 1: 104. [Listed.] :161. [Notes.]

clarkei Myers

- 1924 *Tiriteana clarkei* Myers, Trans. New Zealand Inst. 55: New Zealand¹
325; Pl. 24, Fig. 3. [Illustrated, n. sp.]¹

Tribe BOTHRIOCERINI Muir

- Bothriocerini 1923 Muir, Proc. Hawaiian Ent. Soc. 5: 222. *Tribe*. [Key.]
 Bothriocerini 1925 Muir, Pan-Pacific Ent 1: 109. *Tribe*. [Key.]
 Bothriocerini 1930 Muir, Ann. Mag. Nat. Hist. (10) 6: 467. *Tribe*. [Notes.]

Genus BOTHRIOCERA Burmeister

- Haplotype *Bothriocera tinealis* [n. sp.] 1835 Burmeister, Handb. Ent. 2 (1) :156.
 Type *Bothriocera tinealis* 1840 Blanchard, Hist. Nat. Ins. Hemip. :174.
 Type *Bothriocera tinealis* 1849 Blanchard, Dict. Univ. d'Hist. Nat. 2: 669.
 Type *Bothriocera tinealis* 1850 Blanchard, Hist. Nat. Ins. 3 (1) :174.
 Type *Bothriocera tinealis* 1901 Kirkaldy, Entomologist 34: 219.
 Haplotype *Bothriocera tinealis* 1916 Van Duzee, Check List. Hemip. America :79.
 Haplotype *Bothriocera tinealis* 1917 Van Duzee, Cat. Hemip. America :730.
 Type *Bothriocera tinealis* 1925 Muir, Pan-Pacific Ent. 1: 100.
 Haplotype *Bothriocera tinealis* 1928 Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 55.

[*Adana* Stål]

- [Haplotype *Adana westwoodi* [n. sp.] 1856 Stål, Ofv. Svenska Vet. Akad. Forh. 13: 162.]
 [Type *Adana westwoodi* 1925 Muir, Pan-Pacific Ent. 1: 99. Synonym of *Bothriocera tinealis* Burm.]

- Bothriocera* 1835 Burmeister, Handb. Ent. 2 (1): 156. [gen. n.] :146. [Key.]
 1839 Spinola, Ann. Soc. Ent. France 8: 143. [Key.]
 1840 Blanchard, Hist. Nat. Ins. Hémip. 3: 174. [Described.]
 1846 Germar, Agassiz Nom. Zool. :3.
 1848 Agassiz, Index Univ. :143. [Listed.]
 1849 Blanchard, Dict. Univ. d'Hist. Nat. 2: 669. [Described.]
 1850 Blanchard, Hist. Nat. Ins. 3 (1): 174. [Described.]
 1850 Schaum, Allg. Ency. Ersch und Gruber 51: 68. [Described.]
 1851 Walker, List Homop. British Mus. 2: 337. [Listed.]
 1852 Spinola, Tavola sinottica :52. [Key.]
Adana 1856 Stål, Ofv. Svenska Vet. Akad. Forh. 13: 162. [gen. n.]
 1859 Dohrn, Cat. Hemip. :63. [Listed.]
Bothriocera 1859 Dohrn, Cat. Hemip. :59. [Listed.]
 1866 Stål, Hemip. Africana 4: 164. [Key.] Equals *Adana* Stål.
 1869 Stål, Hemip. Fabriciana 2: 93. [Listed.]
 1882 Scudder, Nomenclator Zool. Univ. Index :41. [Listed.]
Adana 1882 Scudder, Nomenclator Zool. Univ. Index :6. [Listed.]
Bothriocera 1900 Smith, Ins. New Jersey 2: 88. [Listed.]
 1901 Kirkaldy, Entomologist 34: 219. [Listed.]

- 1904 Fowler, *Biologia Centrali-Americana* 1: 82. [Notes.] Equals *Adana* Stål :80. [Key.]
- 1904 Swezey, *Prelim. Cat. Fulgoridae North America* :22. [Listed.]
- 1908 Van Duzee, *Proc. Acad. Nat. Sci. Philadelphia* 1907: 484. [Listed, key.]
- 1910 Smith, *Rept. Ins. New Jersey* :95. [Listed.]
- 1916 Van Duzee, *Check List Hemip. America* :79. [Listed.] Equals *Adana* Stål.
- 1917 Van Duzee, *Cat. Hemip. America* :730. [Listed.] Equals *Adana* Stål.
- 1923 Metcalf, *Jour. Elisha Mitchell Soc.* 38: 162. [Key.]
- 1924 Sherborn, *Index Animalium* 4: 840. [Listed.]
- 1925 Muir, *Pan-Pacific Ent.* 1: 100. [Listed.] Equals *Adana* Stål. :109. [Key.]
- Adana* 1925 Muir, *Pan-Pacific Ent.* 1: 99. [Listed as a synonym of *Bothriocera* Burm.]
- 1926 Schulze, Kükenthal and Heider, *Nomenclator Animal.* 1 (1): 52. [Listed.]
- Bothriocera* 1926 Schulze, Kükenthal and Heider, *Nomenclator Animal.* 1 (3): 428. [Listed.]
- 1926 Gowdey, *Bull. Dept. Agr. Jamaica Ent.* 4: 40. [Listed.]
- 1928 Dozier, *Tech. Bull. Mississippi Agr. Exp. Sta.* 14: 55. [Key, described.]
- 1932 Brues and Melander, *Class. Ins.* :120. [Listed.]

albidipennis Fowler

- 1904 *Bothriocera albidipennis* Fowler, *Biologia Centrali-Americana* 1: 84; Pl. IX, Figs. 17, 17a, 18. [n. sp., illustrated.]¹ Mexico¹

bicornis Fabricius

- 1803 *Issus bicornis* Fabricius, *Systema Rhyng.* :101. [n. sp.]¹ South America¹
- 1830 *Issus bicornis* Germar, *Thon Archiv* 2: 51. [Described.]¹ Texas²
- 1850 *Issus bicornis* Schaum, *Allg. Ency. Ersch und Gruber* 51: 73. [Listed.] [Doubtful Fulgorid.] Florida³
- 1851 *Issus bicornis* Walker, *List Homop. British Mus.* 2: 372. [Listed.]¹ North Carolina⁴
- 1859 *Issus? bicornis* Dohrn, *Cat. Hemip.* :64. [Listed.]¹ Maryland⁵
- 1869 *Bothriocera bicornis* Stål, *Hemip. Fabriciana* 2: 93. [Described.]¹ Equals *Issus bicornis* Fabr. New Jersey⁶
- 1895 *Bothriocera bicornis* Uhler, *Proc. Zool. Soc. London* 1895: 60. [Listed.]^{2,3,4,5,6,7,13} St. Vincent I.⁷ (West Indies)
- 1900 *Bothriocera bicornis* Smith, *Ins. New Jersey* 2: 88. [Listed.]⁶ Central America⁸
- 1904 *Bothriocera bicornis* Swezey, *Prelim. Cat. Fulgoridae North America* :22. [Listed.]^{2,3,4,5,6,8} Equals *Issus bicornis* Fabr. Southern States⁹
- Cuba¹⁰
- Mississippi¹¹

Bothriocera

- 1910 *Bothriocera bicornis* Smith, Rept. Ins. New Jersey :95. Puerto Rico¹²
[Listed.]⁶ Brazil¹³
- 1915 *Bothriocera bicornis* Metcalf, Jour. Elisha Mitchell Soc.
31: 43 (11). [Listed.]⁴
- 1916 *Bothriocera bicornis?* Van Duzee, Check List Hemip. America :79.
[Listed.]⁹
- 1917 *Bothriocera* (?) *bicornis* Van Duzee, Cat. Hemip. America :731. [Listed.]¹.
^{2,3,4,5,6} Equals *Issus bicornis* Fabr.
- 1923 *Bothriocera bicornis* Metcalf, Jour. Elisha Mitchell Soc. 38: 162; Figs.
84, 292, 293, 294, 477. [Key, illustrated.]
- 1924 *Issus bicornis* Sherborn, Index Animalium 4: 728. [Listed.]
- 1926 *Bothriocera bicornis* Osborn, Ann. Ent. Soc. America 19: 356. [Listed.]¹⁰
- 1928 *Bothriocera bicornis* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14:
56; Fig. 15. [Described, illustrated, ecology.]^{2,3,4,5,6,11}
- 1932 *Bothriocera bicornis* Leonard, Jour. Dept. Agr. Puerto Rico 16: 126.
[Listed.]²

drakei Metcalf

- 1923 *Bothriocera drakei* Metcalf, Jour. Elisha Mitchell Soc. Florida¹
38: 179; Figs. 81, 585. [n. sp., illustrated.]¹ :162. [Key.]

excelsa Fowler

- 1904 *Bothriocera excelsa* Fowler, Biologia Centrali-Americana Mexico¹
1: 83; Pl. IX, Figs. 15, 15a. [Illustrated, n. sp.]¹

nigra Fowler

- 1904 *Bothriocera nigra* Fowler, Biologia Centrali-Americana Mexico¹
1: 84; Pl. IX, Figs. 19, 19a. [Illustrated, n. sp.]¹

parvula Fabricius

- 1798 *Cicada parvula* [sic] Fabricius, Suppl. Entomologia French
Syst. :521. [n. sp.]¹ Guiana¹
- 1803 *Cicada parvula* [sic] Fabricius, Systema Rhyng. :79.
[Described.]¹
- 1869 *Bothriocera parvula* Stål, Hemip. Fabriciana 2: 93. [Described.]¹ Equals
Cicada parvula Fabr.
- 1902 *Cicada parvula* Sherborn, Index Animalium 1758-1800: 720. [Listed.]

pellucida Fowler

- 1904 *Bothriocera pellucida* Fowler, Biologia Centrali-Ameri- Mexico¹
cana 1: 83; Pl. IX, Figs. 16, 16a. [n. sp., illustrated.]¹

pro-signoretti. See *Bothriocera signoreti* Stål.

signoreti Stål

- 1864 *Bothriocera signoreti* Stål, Stettiner Ent. Zeit. 25: 50. Mexico¹
[n. sp.]¹ North

- 1884 *Bothriocera signoretii* [sic] Uhler, Standard Nat. Hist. 2: 240. [Notes.]^{1,2,5,6,7} America²
Cuba³
- 1895 *Bothriocera signoreti* Uhler, Proc. Zool. Soc. London 1895: 60. [Notes.]⁴ St. Vincent I.⁴
(West Indies)
- 1904 *Bothriocera signoreti* Fowler, Biologia Centrali-Americana 1: 82; Pl. IX, Figs. 13, 13a. [Notes, illustrated.]¹ Maryland⁵
Georgia⁶
- 1904 *Bothriocera signoretii* [sic] Swezey, Prelim. Cat. Fulgoridae North America :22. [Listed.]^{5,6,7} Texas⁷
Southern States⁸
- 1913 *Bothriocera pro-signoretti* [sic] Metcalf, Ann. Ent. Soc. America 6: 349; Pl. XXXVII, Figs. 60, 61. [Illustrated, venation.] Florida⁹
- 1916 *Bothriocera signoreti* Van Duzee, Check List Hemip. America :79. [Listed.]⁸
- 1917 *Bothriocera signoreti* Van Duzee, Cat. Hemip. America :731. [Listed.]^{1,5,6,7,9}
- 1921 *Bothriocera signorite* [sic] Osborn, Florida Ent. 5: 15. [Listed.]⁹
- 1922 *Bothriocera prosignoretti* [sic] Crampton, Canadian Ent. 54: 234; Fig. 39. [Wing venation, illustrated.]
- 1923 *Bothriocera signoreti* Metcalf, Jour. Elisha Mitchell Soc. 38: 162. [Key.]
- 1928 *Bothriocera signoreti* Myers, Studies on Cuban Insects :15; Fig. 4. [Notes, illustrated.]³
- 1929 *Bothriocera signoreti* Myers, Psyche 36: 289; Figs. 8, 9. [Biology, illustrated.]³

signoreti Van Duzee [nec Stål]. See *Bothriocera tinealis* var. *westwoodi* Stål.

signorite. Typographical error for *Bothriocera signoreti* Stål.

tinealis. Typographical error for *Bothriocera tinealis* Burmeister.

tinealis Burmeister

- 1835 *Bothriocera tinealis* Burmeister, Handb. Ent. 2 (1): 156. Brazil¹
[n. sp.]¹ Columbia²
- 1840 *Bothriocera tinealis* Blanchard, Hist. Nat. Ins. Hémip. 3: 174. [Described.]¹ West Indies³
Florida⁴
- 1849 *Bothriocera tinealis* Blanchard, Dict. Univ. d'Hist. Nat. 2: 669. [Listed.]¹ North Carolina⁵
- 1850 *Bothriocera tinealis* Blanchard, Hist. Nat. Ins. 3 (1): 174. [Described.]¹ Southern States⁶
- 1850 *Bothriocera tinealis* Schaum, Allg. Ency. Ersch und Gruber 51: 69. [Listed.]^{1,2} Lower California⁷
- 1851 *Bothriocera tinealis* Walker, List Homop. British Mus. 2: 337. [Listed.] Jamaica⁸
Mexico⁹
- 1859 *Bothriocera tinealis* Dohrn, Cat. Hemip. :59. [Listed.]¹
- 1904 *Bothriocera tinealis* Fowler, Biologia Centrali-Americana 1: 82; Pl. IX, Figs. 11, 11a. [Notes, illustrated.]^{1,9}
- 1908 *Bothriocera tinealis* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia 1907: 484. [Notes.]^{3,4} Equals *Bothriocera signoreti* V. D. [nec Say.] Equals *Adana westwoodi* Stål. [q. v.]

Bothriocera

- 1914 *Bothriocera tinealis* Barber, Bull. American Mus. Nat. Hist. **33**: 527. [Listed.]⁴
- 1915 *Bothriocera tencalis* [sic] Metcalf, Jour. Elisha Mitchell Soc. **31**: 43 (11). [Listed.]⁵
- 1916 *Bothriocera tinealis* Van Duzee, Check List Hemip. America :79. [Listed.]⁶
- 1917 *Bothriocera tinealis* Van Duzee, Cat. Hemip. America :730. [Listed.]^{3,4,5}
- 1921 *Bothriocera tinealis* Osborn, Florida Ent. **5**: 15. [Listed.]⁴
- 1923 *Bothriocera tinealis* Metcalf, Jour. Elisha Mitchell Soc. **38**: 162; Figs. 82, 586. [Key, illustrated.]
- 1923 *Bothriocera tinealis* Van Duzee, Proc. California Acad. Sci. (4) **12**: 188. [Listed.]⁷
- 1926 *Bothriocera tinealis* Gowdey, Bull. Dept. Agr. Jamaica Ent. **4**: 40. [Listed.]⁸
- 1928 *Bothriocera tinealis* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 56. [Described.]^{4,5} :11. [Ecology.]
- 1931 *Bothriocera tinealis* Sherborn, Index Animalium **26**: 6526. [Listed.]

tinealis var. *floridana* Dozier

- 1928 *Bothriocera tinealis floridana* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 56. [var. n.]¹ Florida¹

tinealis var. *westwoodi* Stål

- 1856 *Adana westwoodi* Stål, Ofv. Svenska Vet. Akad. Forh. **13**: 163. [n. sp.]¹ Mexico¹
Florida²
- 1859 *Adana westwoodi* Dohrn, Cat. Hemip. :63. [Listed.]¹ North
- 1864 *Bothriocera westwoodi* Stål, Stettiner Ent. Zeit. **25**: 50. America³
[Listed.]¹ Equals *Adana westwoodi* Stål. Jamaica⁴
- 1904 *Bothriocera tinealis westwoodi* Fowler, Biologia Centrali-Americana **1**: 82; Pl. IX, Fig. 12. [Note, illustrated.]¹ Equals *Adana westwoodi* Stål. Equals *Bothriocera westwoodi* Stål.
- 1907 *Bothriocera signoreti* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **8**: 33. [Notes.]^{2,4}
- 1908 *Adana westwoodi* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia **1907**: 485. To *Bothriocera tinealis* Burm.
- 1916 *Bothriocera westwoodi* Van Duzee, Check List Hemip. America :79. [Listed.]³ Equals *Bothriocera signorcti* Van D. [nec Stål.]
- 1917 *Bothriocera tinealis westwoodi* Van Duzee, Cat. Hemip. America :731. [Listed.] Equals *Adana westwoodi* Stål. Equals *Bothriocera signoreti* Van D. [nec Stål.]
- 1923 *Bothriocera westwoodi* Metcalf, Jour. Elisha Mitchell Soc. **38**: 162; Fig. 83. [Key, illustrated.]
- 1925 *Bothriocera tinealis* Muir, Pan-Pacific Ent. **1**: 99. Equals *Adana westwoodi* Stål.
- 1928 *Bothriocera tinealis westwoodi* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 56. [Notes.]

undatus Fabricius

- 1803 *Issus undatus* Fabricius, Systema Rhyng. :101. [n. sp.]¹ West Indies¹
 1830 *Issus undatus* Germar, Thon Archiv :51. [Described.]¹ Southern
 1850 *Bothriocera undata* Schaum, Allg. Ency. Ersch und States²
 Gruber **51**: 69. [Listed.]¹ Equals *Issus undata* Fabr. Cuba³
 1851 *Issus undatus* Walker, List Homop. British Mus. **2**: 372. St. Vincent I.⁴
 [Listed.]¹ (West Indies)
 1859 *Issus? undatus* Dohrn, Cat. Hemip. :64. [Listed.]³ Florida⁵
 1869 *Bothriocera undata* Stål, Hemip. Fabriciana **2**: 93. [De- Jamaica⁶
 scribed.]¹ Equals *Issus undatus* Fabr.
 1895 *Bothriocera undata* Uhler, Proc. Zool. Soc. London **1895**: 60. [Notes.]⁴
 1904 *Bothriocera undata* Swezey, Prelim. Cat. Fulgoridae North America :22.
 [Listed.]^{1,5} Equals *Issus undatus* Fabr.
 1907 *Bothriocera undata* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **8**: 33. [Listed.]⁶
 1908 *Bothriocera undata* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia **1907**:
 485. [Listed.]^{1,5}
 1909 *Bothriocera undata* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **9**: 187.
 [Notes.]⁵
 1914 *Bothriocera undata* Barber, Bull. American Mus. Nat. Hist. **33**: 527.
 [Listed.]⁵
 1916 *Bothriocera undata* Van Duzee, Check List Hemip. America :79. [Listed.]²
 1917 *Bothriocera undata* Van Duzee, Cat. Hemip. America :731. [Listed.]^{1,5}
 Equals *Issus undata* Fabr.
 1921 *Bothriocera undata* Osborn, Florida Ent. **5**: 15. [Listed.]⁵
 1923 *Bothriocera undata* Metcalf, Jour. Elisha Mitchell Soc. **38**: 162; Figs. 80,
 584. [Key, illustrated.]
 1926 *Bothriocera undata* Osborn, Ann. Ent. Soc. America **19**: 356. [Notes.]³
 1926 *Bothriocera undata* Gowdey, Bull. Dept. Agr. Jamaica Ent. **4**: 40.
 [Listed.]⁶ Equals *Issus undatus* Fabr.
 1931 *Issus undatus* Sherborn, Index Animalium **27**: 6727. [Listed.]

venosa Fowler

- 1904 *Bothriocera venosa* Fowler, Biologia Centrali-Americana Guatemala¹
1: 83; Pl. IX, Figs. 14, 14a. [n. sp., illustrated.]¹ Puerto Rico²
 1921 *Bothriocerus venosa* Wolcott, Jour. Dept. Agr. Porto Rico³
 Rico **5**: 19. [Economics.]² Haiti⁴
 1923 *Bothriocera venosa* Wolcott, Jour. Dept. Agr. Porto Rico
7: 270. [Notes.]²
 1926 *Bothriocera venosa* Myers, Contr. Harvard Inst. Trop. Biol. and Med.
3: 86. [Notes.]
 1928 *Bothriocera venosa* Myers, Studies on Cuban Insects :15; Fig. 5. [Note,
 illustrated.]³
 1929 *Bothriocera venosa* Osborn, Jour. Dept. Agr. Porto Rico **13**: 106. [Ecol-
 ogy.]²
 1931 *Bothriocera venosa* Dozier, American Mus. Nov. **510**: 14. [Listed.]^{2,4}
 1933 *Bothriocera venosa* Leonard, Jour. Dept. Agr. Puerto Rico **17**: 100.
 [Economics.]²

westwoodi Stål. See *Bothriocera linealis* var. *westwoodi* Stål.

Genus **BORYSTHENES** Stål

- Logotype *Cixius finitus* 1866 Stål, Berliner Ent. Zeit. **10**: 392.
 Type *Cixius finitus* 1907 Distant, Entomologist **40**: 3.
 Type *Cixius finitus* 1916 Distant, Fauna British India **6**: 43.
 Type *Cixius finitus* 1925 Muir, Pan-Pacific Ent. **1**: 100.

[*Barma* Distant]

- [Orthotype *Barma diversa* [n. sp.] 1906 Distant, Fauna British India **3**: 266.]
 [Type *Barma diversa* 1925 Muir, Pan-Pacific Ent. **1**: 99.]

[*Vademela* Melichar]

- [Orthotype *Vademela fusconotata* [n. sp.] 1914 Melichar, Notes Leyden Mus. **36**: 100.]
 [Type *Vademela fusconotata* 1925 Muir, Pan-Pacific Ent. **1**: 104.]

- Borysthenes 1866 Stål, Hemip. Africana **4**: 165. [Key, gen. n.]
 1866 Stål, Berliner Ent. Zeit. **10**: 392. [Listed.]
 1882 Scudder, Nomenclator Zool. Univ. Index :41. [Listed.]
Barma 1906 Distant, Fauna British India **3**: 266. [gen. n.] :255. [Key.]
 Borysthenes 1907 Distant, Entomologist **40**: 3. Equals *Barma* Dist.
Barma 1912 Waterhouse, Index Zool. **2**: 33. [Listed.]
 Borysthenes 1913 Muir, Proc. Hawaiian Ent. Soc. **2**: 263. [Notes.]
Barma 1914 Matsumura, Annot. Zool. Japonenses **8**: 430. [Listed.]
Vademela 1914 Melichar, Notes Leyden Mus. **36**: 100. [gen. n.]
Barma 1915 Schumacher, Homop.-Fauna Insel Formosa :115. [Listed.]
 Borysthenes 1916 Distant, Fauna British India **6**: 43. [Notes.] Equals *Barma* Dist.
 1925 Muir, Pan-Pacific Ent. **1**: 100. [Listed.] Equals *Barma* Dist.
 Equals *Vademela* Mel. :110. [Key.]
Vademela 1925 Muir, Pan-Pacific Ent. **1**: 104. [Listed as a synonym of *Borysthenes* Stål.]
Barma 1925 Muir, Pan-Pacific Ent. **1**: 99. [Listed as a synonym of *Borysthenes* Stål.]
 Borysthenes 1926 Schulze, Kükenthal and Heider, Nomenclator Animal. **1** (3): 426. [Listed.]
Barma 1926 Schulze, Kükenthal and Heider, Nomenclator Animal. **1** (3): 372. [Listed.]

certus Muir

- 1913 *Borysthenes certus* Muir, Proc. Hawaiian Ent. Soc. **2**: Borneo¹
 263. [n. sp.]¹

diversa Distant

- 1906 *Barma diversa* Distant, Fauna British India **3**: 266; Fig. Tenasserim¹
 121. [n. sp., illustrated.]¹ Sumatra²

- 1916 *Borysthenes diversa* Distant, Fauna British India 6: 43.
 Equals *Barma diversa* Dist.
 1923 *Borysthenes diversa* Muir, Philippine Jour. Sci. 22: 172. [Notes.]²
 1925 *Borysthenes diversa* Muir, Pan-Pacific Ent. 1: 99. Equals *Barma diversa*
 Dist.

fascialatus Muir

- 1922 *Borysthenes fascialatus* Muir, Rec. Indian Mus. 24: 348; India¹
 Fig. 1. [Illustrated, n. sp.]¹

finitus Walker

- 1857 *Cixius finitus* Walker, Jour. Linn. Soc. Zool. 1: 149. Borneo¹
 [n. sp.]¹
 1858 *Cixius finitus* Walker, List Homop. British Mus. Suppl. :81. [Listed.]¹
 1859 *Cixius finitus* Dohrn, Cat. Hemip. :61. [Listed.]¹
 1866 *Borysthenes finitus* Stål, Berliner Ent. Zeit. 10: 392. Equals *Cixius finitus*
 Walk.
 1906 *Barma finitus* Distant, Fauna British India 3: 266. Equals *Cixius finitus*
 Walk.

fusconotata Melichar

- 1914 *Vademela fusconotata* Melichar, Notes Leyden Mus. Java¹
 36: 101; Fig. 3. [Illustrated, n. sp.]¹
 1925 *Borysthenes fusconotata* Muir, Pan-Pacific Ent. 1: 104. Equals *Vademela*
fusconotata Mel.

incertus Muir

- 1913 *Borysthenes incertus* Muir, Proc. Hawaiian Ent. Soc. Borneo¹
 2: 264. [n. sp.]¹

maculata Matsumura

- 1914 *Barma maculata* Matsumura, Annot. Zool. Japonenses Formosa¹
 8: 430. [n. sp.]¹
 1915 *Barma maculata* Schumacher, Homop.-Fauna Insel Formosa :115.
 [Listed.]¹

magnus Muir

- 1913 *Borysthenes magnus* Muir, Proc. Hawaiian Ent. Soc. 2: Borneo¹
 264. [n. sp.]¹

mlanjensis Muir

- 1923 *Borysthenes mlanjensis* Muir, Ann. Mag. Nat. Hist. (9) Nyassaland¹
 11: 559. [n. sp.]¹

simulans Muir

- 1913 *Borysthenes simulans* Muir, Proc. Hawaiian Ent. Soc. Borneo¹
 2: 264. [n. sp.]^{1,2}
 Malay
 Peninsula²

Borysthenes—*Euryphlepsia***strigipennis** Distant

- 1911 *Borysthenes strigipennis* Distant, Ann. Mag. Nat. Hist. Himalaya¹
(8) 8: 744. [n. sp.]¹ Sikkim²
- 1916 *Borysthenes strigipennis* Distant, Fauna British India (India)
6: 43. [Described.]²

suknanicus Distant

- 1911 *Borysthenes suknanicus* Distant, Ann. Mag. Nat. Hist. Himalaya¹
(8) 8: 744. [n. sp.]¹ Sikkim²
- 1916 *Borysthenes suknanicus* Distant, Fauna British India 6:
44; Fig. 29. [Described, illustrated.]²
- 1919 *Borysthenes suknanicus* Paiva, Rec. Indian Mus. 16 (5): 374. [Listed.]

Genus **EURYPHLEPSIA** Muir

Orthotype *Euryphlepsia amboinensis* [n. sp.] 1922 Muir, Philippine
Jour. Sci. 20: 114.

Type *Euryphlepsia amboiensis* 1925 Muir, Pan-Pacific Ent. 1: 101.

- Euryphlepsia* 1922 Muir, Philippine Jour. Sci. 20: 114. [gen. n.]
- 1925 Muir, Pan-Pacific Ent. 1: 101. [Listed.] :110. [Key.]
- 1929 Schulze, Kükenthal and Heider, Nomenclator Animal. 2
(10): 1269. [Listed.]

amboinensis Muir

- 1922 *Euryphlepsia amboinensis* Muir, Philippine Jour. Sci. Borneo¹
20: 115; Pl. 1, Fig. 8; Pl. 2, Figs. 1–2. [Illustrated, Amboina²
n. sp.]^{1,2,3,4,5} Ceram³
(East Indies)
Luzon⁴
Palawan⁵
(Philippine I.)

cocos Muir

- 1924 *Euryphlepsia cocos* Muir, Bull. Ent. Res. 14: 456; Fig. 1. Gnadalcantar¹
[Illustrated, n. sp.]¹ (Solomon
Island)

flava Muir

- 1922 *Euryphlepsia flava* Muir, Philippine Jour. Sci. 20: 117; Basilan¹
Pl. 2, Fig. 6. [Illustrated, n. sp.]¹ (East Indies)

lineata Muir

- 1922 *Euryphlepsia lineata* Muir, Philippine Jour. Sci. 20: 116; Borneo¹
Pl. 2, Fig. 5. [Illustrated, n. sp.]¹

pallidifrons Muir

- 1922 *Euryphlepsia pallidifrons* Muir, Philippine Jour. Sci. Borneo¹
20: 116; Pl. 2, Fig. 4. [Illustrated, n. sp.]¹

papuaensis Muir

1922 *Euryphlepsia papuaensis* Muir, Philippine Jour. Sci. Papua¹
20: 116; Pl. 2, Fig. 3. [Illustrated, n. sp.]¹

Genus **STENOPHLEPSIA** Muir

Orthotype *Stenophlepsia flava* [n. sp.] 1922 Muir, Philippine Jour. Sci.
20: 117.

Type *Stenophlepsia flava* 1925 Muir, Pan-Pacific Ent. 1: 104.

Stenophlepsia 1922 Muir, Philippine Jour. Sci. 20: 117. [gen. n.]
1925 Muir, Pan-Pacific Ent. 1: 104. [Listed.] :110. [Key.]

brunnea Muir

1922 *Stenophlepsia brunnea* Muir, Philippine Jour. Sci. 20: Luzon¹
118; Pl. 2, Fig. 10. [Illustrated, n. sp.]¹ (Philippine I.)

fasciatis Muir

1922 *Stenophlepsia fasciatis* Muir, Philippine Jour. Sci. 20: Mindanao¹
118; Pl. 2, Fig. 9. [Illustrated, n. sp.]^{1,2} Basilan²
(Philippine I.)

flava Muir

1922 *Stenophlepsia flava* Muir, Philippine Jour. Sci. 20: 117; Luzon¹
Pl. 2, Figs. 7, 8. [Illustrated, n. sp.]¹

Genus **GONYPHLEPSIA** Jacobi

Orthotype *Gonyphlepsia montistympani* [n. sp.] 1928 Jacobi, Mjoberg's
Exp. Australia :39.

Gonyphlepsia 1928 Jacobi, Mjoberg's Exp. Australia :39. [gen. n.]

angustifrons Jacobi

1928 *Gonyphlepsia angustifrons* Jacobi, Mjoberg's Exp. Aus- Australia¹
tralia :40; Figs. 27a, b. [Illustrated, n. sp.]¹

costalis Jacobi

1928 *Gonyphlepsia costalis* Jacobi, Mjoberg's Exp. Australia Australia¹
:39. [n. sp.]¹

costalis var. **fusca** nom. nov. for *Gonyphlepsia costalis* var. Jacobi.

1928 *Gonyphlepsia costalis* var. Jacobi, Mjoberg's Exp. Aus- Australia¹
tralia :39. [n. var.]¹

montistympani Jacobi

1928 *Gonyphlepsia montistympani* Jacobi, Mjoberg's Exp. Australia¹
Australia :39; Fig. 26. [Illustrated, n. sp.]¹

Gonyphlepsia—Chlorodus

venosa Jacobi

1928 *Gonyphlepsia venosa* Jacobi, Mjoberg's Exp. Australia Australia¹
:40; Fig. 28. [Illustrated, n. sp.]¹

Genus **CHLORODUS** Johnson and Ledig

Chlorodus 1918 Johnson and Ledig, Pomona Jour. Ent. **10**: 8. [Listed.] [nomen nudum.]

viridia Johnson and Ledig

1918 *Chlorodus viridia* Johnson and Ledig, Pomona Jour. California¹
Ent. **10**: 8. [Listed.]¹ [nomen nudum.]

GENERIC AND SPECIFIC SYNONYMY

Genus **ACHILIUS**

Achilius. Typographical error for *Achilus* Kirby. Family ACHILIDAE, Fascicle IV, Part 10.

Genus **ACHILUS** Kirby

Achilus Kirby. See *Achilus* Kirby. Family ACHILIDAE, Fascicle IV, Part 10.

Genus **ADANA** Stål

Adana Stål. See *Bothriocera* Burmeister.
westwoodi Stål. See *Bothriocera linealis* var. *westwoodi* Burmeister.

Genus **ADZAPALA** Distant

Adzapala Distant. See *Oliarus* Stål.
greeni Distant. See *Oliarus distanti* Metcalf.

Genus **AKOTROPIS** Matsumura

Akotropis Matsumura. See *Akotropis* Matsumura. Family ACHILIDAE, Fascicle IV, Part 10.

Genus **ALLELOPLASIS** Waterhouse

Alleloplasis Waterhouse. See *Alleloplasis* Waterhouse. Family ISSIDAE, Fascicle IV, Part 15.

Genus **AMALOPOTA** Van Duzee

Amalopota Van Duzee. See *Amalopota* Van Duzee. Family DERBIDAE, Fascicle IV, Part 4.

Genus **AMBALANGODA** Distant

Ambalangoda Distant. See *Ptoleria* Stål.
fasciata Distant. See *Ptoleria fasciata* Distant.
insignis Distant. See *Ptoleria insignis* Distant.

Genus **AMBLYCOTIS** Stål

Amblycotis Stål. See *Amblycotis* Stål. Family ARAEOPIDAE, Fascicle IV, Part 3.

Genus **AMBLYCRATUS** Uhler

Amblycratus Uhler. See *Amblycratus* Uhler. Family ACHILIDAE, Fascicle IV, Part 10.

Genus **ANIGRUS** Stål

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

Genus **ANOTIA** Kirby

Anotia Kirby. See *Anotia* Kirby. Family DERBIDAE, Fascicle IV, Part 4.

Genus **ARAEOPUS** Spinola

Araeopus Spinola. See *Araeopus* Spinola. Family ARAEOPIDAE, Fascicle IV, Part 3.

Genus **AROEOPHUS**

Aroeophus. Typographical error for *Araeopus* Spinola. Family ARAEOPIDAE, Fascicle IV, Part 3.

Genus **ASELGEOIDES** Distant

Aselgeoides Distant. See *Aselgeoides* Distant. Family DICTYOPHARIDAE, Fascicle IV, Part 8.

Genus **ASIRACA** Latreille

Asiraca Latreille. See *Asiraca* Latreille. Family ARAEOPIDAE, Fascicle IV, Part 3.

Genus **ATOPOCIXIUS** Muir

Atopocixius Muir. See *Atopocixius* Muir. Family KINNARIDAE, Fascicle IV, Part 7.

Genus **AULACORYPHA**

Aulacorypha. Typographical error for *Aulocorypha* Berg.

Genus **AUSTROLOMA**

Austroloma. Typographical error for *Australoma* Kirkaldy.

Genus **BAJAUANA** Distant

Bajouana Distant. See *Ptoleria* Stål.

bicolor Walker. See *Ptoleria bicolor* Walker.

marginata Walker. See *Ptoleria marginata* Walker.

palliceps Walker. See *Ptoleria palliceps* Walker.

puncticosta Walker. See *Ptoleria puncticosta* Walker.

rufula Walker. See *Ptoleria rufula* Walker.

tenebrosa Walker. See *Ptoleria tenebrosa* Walker.

trahens Walker. See *Ptoleria trahens* Walker.

varia Walker. See *Ptoleria varia* Walker.

variegata Walker. See *Ptoleria variegata* Walker.

Genus **BARMA** Distant

Barma Distant. See *Borysthenes* Stål.

diversa Distant. See *Borysthenes diversa* Distant.

finitus Walker. See *Borysthenes finitus* Walker.

maculata Matsumura. See *Borysthenes maculata* Matsumura.

Genus **BATHYMERIA** Muir

Bathymeria Muir. See *Cajeta* Stål.

helmsi Muir. See *Cajeta singularis* Stål.

Genus **BIDIS** Walker

Bidis Walker. See *Ugyops* Guérin-Méneville. Family ARAEOPIDAE, Fascicle IV, Part 3.

Genus **BRIXIOIDES** Kirby

Brixioides Kirby. See *Lophops* Spinola. Family LOPHOPIDAE, Fascicle IV, Part 17.

Genus **BRUCHOMORPHA** Newman

Bruchomorpha Newman. See *Bruchomorpha* Newman. Family ISSIDAE, Fascicle IV, Part 15.

Genus **CALISCELIS** Laporte

Caliscelis Laporte. See *Caliscelis* Laporte. Family ISSIDAE, Fascicle IV, Part 15.

Genus **CANEIRONA** Distant

Caneirona Distant. See *Ptoleria* Stål.

indica Distant. See *Ptoleria indica* Distant.

maculipennis Distant. See *Ptoleria maculipennis* Distant.

Genus **CATARA** Walker

Catara Walker. See *Neocatara* Distant. Family TROPIDUCHIDAE, Fascicle IV, Part 11.

Genus **CENTROMERIA** Stål

Centromeria Stål. See *Centromeria* Stål. Family DICTYOPHARIDAE, Fascicle IV, Part 8.

Genus **CHANITUS**

Chanitus. Typographical error for *Chanithus* Kolenati. Family DICTYOPHARIDAE, Fascicle IV, Part 8.

Genus **CHRONEBA** Stål

Chroneba Stål. See *Chroneba* Stål. Family ACHILIDAE, Fascicle IV, Part 10.

Genus **CIOCIXIUS** Metcalf

Ciocixius Metcalf. See *Pintalia* Stål.

dorsivittatus Van Duzee. See *Pintalia dorsivittatus* Van Duzee.

Genus **CIONODERUS** Uhler

Cionoderus Uhler. See *Cionoderus* Uhler. Family ACHILIDAE, Fascicle IV, Part 10.

Genus **CISCIRUS**

Ciscirus. Typographical error for *Cixius* Latreille.

Genus **CISCUIS**

Ciscuis. Typographical error for *Cixius* Latreille.

Genus **CIXIA** Burmeister

Cixia Burmeister. See *Cixius* Latreille.

Genus **CIXIA** Latreille

Cixia Latreille. See *Cixius* Latreille.

albicincta Germar. See *Cixius pilosus* var. *albicincta* Germar.

anceps Germar. See *Cixius anceps* Germar.

bicarinata Fabricius. See *Sevia bicarinata* Fabricius. Family ACHILIDAE, Fascicle IV, Part 10.

bipunctata Fabricius. See *Cixius bipunctata* Fabricius.

collaris Fabricius. See *Plectoderes collaris* Fabricius. Family ACHILIDAE, Fascicle IV, Part 10.

contaminata Germar. See *Cixius pilosus* Olivier.

cunicularia Linné. See *Cixius cunicularia* Linné.

grammica Germar. See *Cixius grammica* Germar.

musiva Germar. See *Myndus musiva* Germar.

nervosa Linné. See *Cixius nervosa* Linné.

pallens Germar. See *Oliarus pallens* Germar.

pallida Herrich-Schäffer. See *Oliarus pallens* Germar.

seriata Germar. See *Cixius seriata* Germar.

stigmatica Germar. See *Cixius stigmatica* Germar.

sulcifrons Germar. See *Cixius sulcifrons* Germar.

venustula Germar. See *Cixius venustula* Germar.

Genus **CIXIDIA** Fieber

Cixidia Fieber. See *Cixidia* Fieber. Family ACHILIDAE, Fascicle IV, Part 10.

Genus **CIXIUS**

Cixius. Typographical error for *Cixius* Latreille.

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

Cixius Amyot [non binom.]. See *Cixius nervosa* Linné.

Genus **CIXUS**

Cixus. Typographical error for *Cixius* Latreille.

Genus **CLADODIPTERA** Spinola

Cladodiptera Spinola. See *Cladodiptera* Spinola. Family DICTYOPHARIDAE, Fascicle IV, Part 8.

Genus **CLADOPTERYX** Westwood

Cladopteryx Westwood. See *Cladypha* Amyot and Serville. Family DICTYOPHARIDAE, Fascicle IV, Part 8.

Genus **CLUSIVIUS** Distant

Clusivius Distant. See *Clusivius* Distant. Family ACHILIDAE, Fascicle IV, Part 10.

Genus **COLPOPTERA** Burmeister

Colpoptera Burmeister. See *Colpoptera* Burmeister. Family ISSIDAE, Fascicle IV, Part 15.

Genus **COMMOLENDA** Distant

Commolenda Distant. See *Ptoleria* Stål.

deusta Distant. See *Ptoleria deusta* Distant.

Genus **CORTYLECEPS**

Cortyleceps. Typographical error for *Cotyleceps* Uhler. See *Pintalia* Stål.

Genus **COTYLECEPS** Uhler

Cotyleceps Uhler. See *Pintalia* Stål.

aspersa Fowler. See *Pintalia aspersa* Fowler.

decorata Uhler. See *Pintalia decorata* Uhler.

delicata Fowler. See *Pintalia delicata* Fowler.

marmorata Uhler. See *Andes marmorata* Uhler.

procellata Uhler. See *Pintalia procellata* Uhler.

Genus **CURIATIUS** Distant*Curiatius* Distant. See *Brixia* Stål.*insignis* Distant. See *Brixia insignis* Distant.Genus **CYPHOCERATOPS** Uhler*Cyphoceratops* Uhler. See *Cyphoceratops* Uhler. Family TROPIDUCHIDAE, Fascicle IV, Part 11.Genus **DELPHAX** Fabricius*Delphax* Fabricius. See *Delphax* Fabricius. Family ARAEOPIDAE, Fascicle IV, Part 3.Genus **DIACIRA** Stål [nec Walker]*Diacira* Stål [nec Walker]. See *Sevia* Stål.*intermaculata* Stål. See *Sevia intermaculata* Stål.*moerens* Stål. See *Sevia moerens* Stål.*substigmatica* Lethierry. See *Sevia substigmatica* Lethierry.Genus **DIARGOTAENIA** Amyot [non binom.]*Diargotaenia* Amyot [non binom.]. See *Cixius pilosus* var. *albicincta* GermarGenus **DICHOPTERA** Spinola*Dichoptera* Spinola. See *Dichoptera* Spinola. Family DICTYOPHARIDAE, Fascicle IV, Part 8.Genus **DICTYOPHARA** Germar*Dictyophara* Germar. See *Dictyophara* Germar. Family DICTYOPHARIDAE, Fascicle IV, Part 8.Genus **EMBOLOPHORA** Stål*Embolophora* Stål. See *Embolophora* Stål. Family ARAEOPIDAE, Fascicle IV, Part 3.Genus **ENTAENIOTHES** Amyot [non binom.]*Entaeniothes* Amyot [non binom.]. See *Cixius distinctus* Signoret.Genus **ENTITHENA** Fieber*Entithena* Fieber. See *Myndus* Stål.*musiva* Germar. See *Myndus musiva* Germar.Genus **EPARMENE** Fowler*Eparmene* Fowler. See *Eparmene* Fowler. Family KINNARIDAE, Fascicle IV, Part 7.Genus **EPONISIA** Matsumura*Eponisia* Matsumura. See *Eponisia* Matsumura. Family MEENOPLIDAE, Fascicle IV, Part 6.Genus **ERANA** Walker*Erana* Walker. See *Erana* Walker. Family DERBIDAE, Fascicle IV, Part 4.Genus **ERRADA** Walker*Errada* Walker. See *Errada* Walker. Family TROPIDUCHIDAE, Fascicle IV, Part 11.

Genus **EUDELPHAX** Melichar

Eudelphax Melichar. See *Eodelphax* Kirkaldy. Family ARAEOPIDAE, Fascicle IV, Part 3.

Genus **EURIA** Walker

Euria Walker. See *Tropiduchus* Stål. Family TROPIDUCHIDAE, Fascicle IV, Part 11.

Genus **EURYBRACHYS** Guérin-Méneville

Eurybrachys Guérin-Méneville. See *Eurybrachys* Guérin-Méneville. Family EURYBRACHYDIDAE, Fascicle IV, Part 18.

Genus **GADORA** Walker

Gadora Walker. See *Hapalomenus* Stål. Family ARAEOPIDAE, Fascicle IV, Part 3.

Genus **GOZARTA** Walker

Gozarta Walker. See *Lophops* Spinola. Family LOPHOPIDAE, Fascicle IV, Part 17.

Genus **HAMBA** Distant

Hamba Distant. See *Hamba* Distant. Family ACHILIDAE, Fascicle IV, Part 10.

Genus **HAPALOMELUS** Stål

Hapalomelus Stål. See *Hapalomelus* Stål. Family ARAEOPIDAE, Fascicle IV, Part 3.

Genus **HAPLACHA** Lethierry

Haplacha Lethierry. See *Hemitropis* Fieber.

letourneuxi Lethierry. See *Hemitropis letourneuxi* Lethierry.

marginicolis Spinola. See *Epiptera marginicolis* Spinola. Family ACHILIDAE, Fascicle IV Part 10.

plagiata Lethierry. See *Hemitropis plagiata* Lethierry.

seticolosa. Typographical error for *Haplacha seticulosa* Lethierry. See *Hemitropis seticulosa* Lethierry.

seticulosa Lethierry. See *Hemitropis seticulosus* Lethierry.

tamaricis Lethierry. See *Hemitropis tamaricis* Lethierry.

viridula Horváth. See *Hemitropis viridula* Horváth.

Genus **HAPLAXIUS** Fowler

Haplaxius Fowler. See *Haplaxius* Fowler. Family KINNARIDAE, Fascicle IV, Part 7.

Genus **HELIPTERA** Amyot and Serville

Helicoptera Amyot and Serville. See *Elidiptera* Spinola. Family ACHILIDAE, Fascicle IV, Part 10.

Genus **HYALESTES**

Hyalestes. Typographical error for *Hyalesthes* Signoret.

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

Hyalesthes Amyot [non binom.]. See *Hyalesthes obsoletus* Signoret.

Genus **HYOLESTES**

Hyolestes. Typographical error for *Hyalesthes* Signoret.

Genus **HYGYOPS** Amyot and Serville

Hygyops Amyot and Serville. See *Ugyops* Guérin-Méneville. Family ARAEOPIDAE, Fascicle IV, Part 3.

Genus **INTERAMMA** Walker

Interamma Walker. See *Interamma* Walker. Family DERBIDAE, Fascicle IV, Part 4.

Genus **INXWALA** Distant

Inxwala Distant. See *Anigrus* Stål. Family MEENOPLIDAE, Fascicle IV, Part 6.

Genus **JERALA** Walker

Jerala Walker. See *Copicerus* Swartz. Family ARAEOPIDAE, Fascicle IV, Part 3.

Genus **KERMESIA** Melichar

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

Genus **KINNARA** Distant

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

Genus **KIRBYA** Melichar

Kirbya Melichar. See *Kirbyana* Distant.

pagana Melichar. See *Kirbyana pagana* Melichar.

Genus **KIRBYELLA** Kirkaldy

Kirbyella Kirkaldy. See *Kirbyana* Distant.

Genus **LAMENIA** Stål

Lamenia Stål. See *Lamenia* Stål. Family DERBIDAE, Fascicle IV, Part 4.

Genus **LEPTOCHLAMYS** Kirkaldy

Leptochlamys Kirkaldy. See *Leptolamia* Metcalf.

compressa Kirkaldy. See *Leptolamia compressa* Kirkaldy.

Genus **LIORHINUS** Kirschbaum

Liorhinus Kirschbaum. See *Hyalesthes* Signoret.

albolimbatus Kirschbaum. See *Hyalesthes obsoletus* Signoret.

Genus **MATUTINUS** Distant

Matutinus Distant. See *Chlorionidea* Löw. Family ARAEOPIDAE, Fascicle IV, Part 3.

Genus **MEENOPLUS** Fieber

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

Genus **MESOPOMPE**

Mesopompe. Typographical error for *Nesopompe* Kirkaldy.

Genus **METABRIXIA** Fowler

Metabrixia Fowler. See *Pintalia* Stål.

aspersa Fowler. See *Pintalia aspersa* Fowler.

delicata Fowler. See *Pintalia delicata* Fowler.
germana Fowler. See *Pintalia germana* Fowler.
maculata Fowler. See *Pintalia maculata* Fowler.
tacta Fowler. See *Pintalia tacta* Fowler.

Genus **MIAENESTHES** Amyot [non binom.]
Miaenesthes Amyot [non binom.]. See *Cixius pilosus* Olivier.

Genus **MNEMOSINA**
Mnemosina. Typographical error for *Mnemosyne* Stål.

Genus **MONOPSIS** Spinola
Monopsis Spinola. See *Monopsis* Spinola. Family TROPIDUCHIDAE,
 Fascicle IV, Part 11.

Genus **MONORHACHIS**
Monorhachis. Typographical error for *Monorachis* Uhler.

Genus **MYNCHUS**
Mynchus. Typographical error for *Myndus* Stål.

Genus **NEMATOPHORA** Schaum
Nematophora Schaum. See *Raphiophora* Schaum. Family DICTYOPHARIDAE,
 Fascicle IV, Part 8.

Genus **NEOMMATISSUS** Muir
Neommatissus Muir. See *Neommatissus* Muir. Family TROPIDUCHIDAE,
 Fascicle IV, Part 11.

Genus **NESOCHARIS** Kirkaldy
Nesocharis Kirkaldy. See *Nesochlamys* Kirkaldy.
kalypto Kirkaldy. See *Nesochlamys kalypto* Kirkaldy.
vitiensis Kirkaldy. See *Nesochlamys vitiensis* Kirkaldy.
v-nigra Muir. See *Nesochlamys v-nigra* Muir.

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

Genus **OCCLEUS**
Occleus. Typographical error for *Oeclaus* Stål.

Genus **OECLIDIUS** Van Duzee
Oeclidius Van Duzee. See *Oeclidius* Van Duzee. Family KINNARIDAE,
 Fascicle IV, Part 7.

Genus **OEIARUS**
Oeiarus. Typographical error for *Oliarus* Stål.

Genus **OICLEUS**
Oicleus. Typographical error for *Oeclaus* Stål.

Genus **OLIARIUS**

Oliarius. Typographical error for *Oliarus* Stål.

Genus **OLONIA** Muir [nec Stål]

Olonia Muir [nec Stål]. See *Muirolonia* Metcalf.

metallicus Fowler. See *Muirolonia metallicus* Fowler.

Genus **OMMATISSUS** Fieber

Ommatissus Fieber. See *Ommatissus* Fieber. Family TROPIDUCHIDAE, Fascicle IV, Part 11.

Genus **OSTAMA** Walker

Ostama Walker. See *Ostama* Walker. Family ARAEOPIDAE, Fascicle IV, Part 3.

Genus **OTIARUS**

Otiarus. Typographical error for *Oliarus* Stål.

Genus **OTIOCERUS** Kirby

Otiocerus Kirby. See *Otiocerus* Kirby. Family DERBIDAE, Fascicle IV, Part 4.

Genus **PARAMICRIXIA** Distant

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

Genus **PARANIGRUS** Bergroth

Paranigrus Bergroth. See *Anigrus* Stål. Family MEENOPLIDAE, Fascicle IV, Part 6.

Genus **PARANISIA** Matsumura

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

Genus **PAULIA** Stål

Paulia Stål. See *Southia* Kirkaldy.

opposita Fabricius. See *Southia opposita* Fabricius.

Genus **PENTASTIRA** Kirschbaum

Pentastira Kirschbaum. See *Oliarus* Stål.

leporina Kirschbaum [nec Linné]. See *Oliarus panzeri* Löw.

major Kirschbaum. See *Oliarus major* Kirschbaum.

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

Pentastira Amyot [non binom.]. See *Oliarus quinquecostatus* Dufour

Genus **PENTASTIRIDIUS** Kirschbaum

Pentastiridius Kirschbaum. See *Oliarus* Stål.

pallens Germar. See *Oliarus pallens* Germar.

Genus **PHACONEURA** Kirkaldy

Phaconeura Kirkaldy. See *Phaconeura* Kirkaldy. Family MEENOPLIDAE, Fascicle IV, Part 6.

Genus **PHENAX** Germar

Phenax Germar. See *Phenax* Germar. Family FULGORIDAE, Fascicle IV, Part 9.

Genus **PHYLLOCNEMIS** Schaum

Phyllocnemis Schaum. See *Caliscelis* Laporte. Family ISSIDAE, Fascicle IV, Part 15.

Genus **PHYLLOSCELIS** Germar

Phylloscelis Germar. See *Phylloscelis* Germar. Family DICTYOPHARIDAE, Fascicle IV, Part 8.

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

Pittostigma Amyot [non binom.]. See *Oliarus leporina* Linné.

Genus **PLECTODERES** Spinola

Plectoderes Spinola. See *Plectoderes* Spinola. Family ACHILIDAE, Fascicle IV, Part 10.

Genus **PLEROMA** Melichar

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

Genus **PROSOPS** Buckton

Prosops Buckton. See *Oliarus* Stål.
pedisequus Buckton. See *Oliarus pedisequus* Buckton.

Genus **PROSOTROPIS** Uhler

Prosotropis Uhler. See *Prosotropis* Uhler. Family KINNARIDAE, Fascicle IV, Part 7.

Genus **PSEUDOPHANA** Burmeister

Pseudophana Burmeister. See *Pseudophana* Burmeister. Family DICTYOPHARIDAE, Fascicle IV, Part 8.

Genus **PTERODICTYA** Burmeister

Pterodictya Burmeister. See *Pterodictya* Burmeister. Family FULGORIDAE, Fascicle IV, Part 9.

Genus **QUIROSIA** Kirkaldy

Quirosia Kirkaldy. See *Dystheantias* Kirkaldy.
vitiensis Kirkaldy. See *Dystheantias vitiensis* Kirkaldy.

Genus **RHINOTETTIX** Stål

Rhinotettix Stål. See *Rhinotettix* Stål. Family ARAEOPIDAE, Fascicle IV, Part 3.

Genus **RHOTALA** Walker

Rhotala Walker. See *Rhotala* Walker. Family ACHILIDAE, Fascicle IV, Part 10.

Genus **ROBIGALIA** Distant

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

Genus **SACCHARIAS** Kirkaldy

Saccharis Kirkaldy. See *Dystheantias* Kirkaldy.
deventeri Kirkaldy. See *Dystheantias deventeri* Kirkaldy.

Genus **SALONAIMA**

Salonaima. Typographical error for *Solonaima* Kirkaldy.

Genus **SCOLOPS** Schaum

Scolops Schaum. See *Scolops* Schaum. Family DICTYOPHARIDAE, Fascicle IV, Part 8.

Genus **SIMOTETTIX** Stål

Simotettix Stål. See *Raphiophora* Schaum. Family DICTYOPHARIDAE, Fascicle IV, Part 8.

Genus **STRONGYLODEMAS** Stål

Strongylodemas Stål. See *Strongylodemas* Stål. Family DICTYOPHARIDAE, Fascicle IV, Part 8.

Genus **SUVA** Kirkaldy

Suva Kirkaldy. See *Suva* Kirkaldy. Family MEENOPLIDAE, Fascicle IV, Part 6.

Genus **TALALOA** Distant

Talaloo Distant. See *Solonaima* Kirkaldy.
palescens Distant. See *Solonaima palescens* Distant.

Genus **TALOKA** Distant

Taloka Distant. See *Taloka* Distant. Family ACHILIDAE, Fascicle IV, Part 10.

Genus **TAMBINIA** Stål

Tambinia Stål. See *Tambinia* Stål. Family TROPIDUCHIDAE, Fascicle IV, Part 11.

Genus **THIRHACUS**

Thirhacus. Typographical error for *Trirhacus* Fieber.

Genus **TRIOPSIS** Signoret

Triopsis Signoret. See *Brixia* Stål.
fasciata Signoret. See *Brixia fasciata* Signoret.

Genus **TRIRACHUS**

Trirachus. Typographical error for *Trirhacus* Fieber.

Genus **TRIRRHACUS**

Trirrhacus. Typographical error for *Trirhacus* Fieber.

Genus **TROPIDOCEPHALA** Stål

Tropidocephala Stål. See *Tropidocephala* Stål. Family ARAEOPIDAE, Fascicle IV, Part 3.

Genus **UGYOPS** Guérin-Méneville

Ugyops Guérin-Méneville. See *Ugyops* Guérin-Méneville. Family ARAEOPIDAE, Fascicle IV, Part 3.

Genus **URVILLEA** Kirkaldy

Urvillea Kirkaldy. See *Oliarus* Stål.

dumonti Muir. See *Oliarus dumonti* Muir.

melanesica Kirkaldy. See *Oliarus melanesica* Kirkaldy.

Genus **USANA** Distant

Usana Distant. See *Usana* Distant. Family ACHILIDAE, Fascicle IV, Part 10.

Genus **VADEMELA** Melichar

Vademela Melichar. See *Borysthenes* Stål.

fusconotata Melichar. See *Borysthenes fusconotata* Melichar.

Genus **VINCENTIA** Uhler

Vincentia Uhler. See *Cixius* Latreille.

interrupta Uhler. See *Cixius interrupta* Uhler.

INDEX OF NEW NAMES PROPOSED

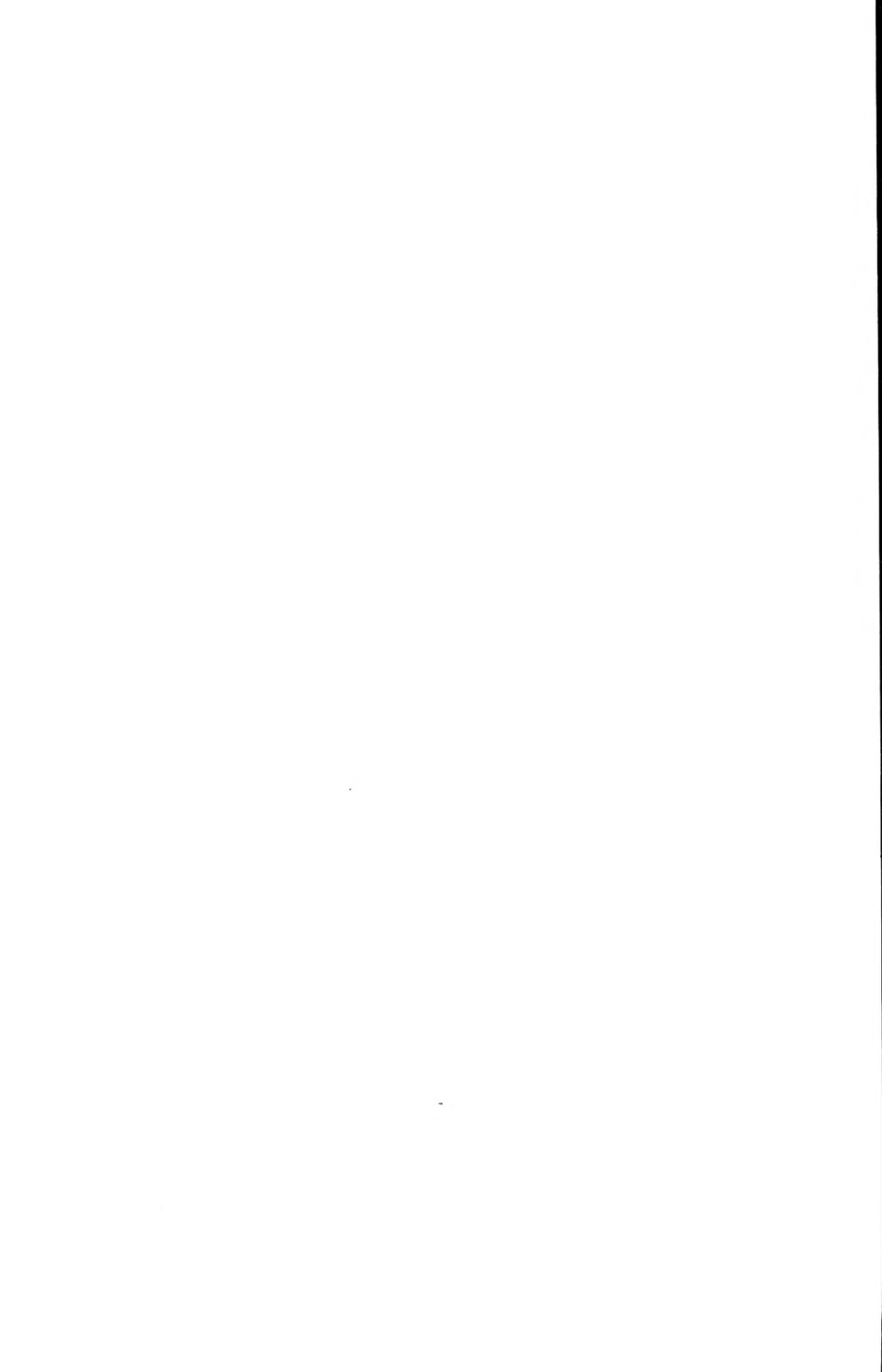
alpha Metcalf var.....	95	Leptolamia Metcalf.....	25
beta Metcalf var.....	95	lucidus Metcalf.....	79
beta Metcalf var.....	37	matsumurai Metcalf.....	181
bryani Metcalf var.....	70	mauiana Metcalf var.....	101
crawi Metcalf var.....	70	molokaiana Metcalf var.....	101
distanti Metcalf.....	59	Muirolonia Metcalf.....	131
erhorni Metcalf var.....	70	oahuana Metcalf var.....	85
fusca Metcalf var.....	254	osborni Metcalf var.....	70
fusciceps Metcalf.....	64	paliensis Metcalf var.....	87
giffardi Metcalf.....	64	pallida Metcalf.....	126
haupti Metcalf.....	65	perkinsi Metcalf var.....	71
hawaiiensis Metcalf var.....	105	punaensis Metcalf var.....	71
koebelii Metcalf var.....	69	reuteri Metcalf var.....	219
kohala Metcalf var.....	69	siporiensis Metcalf.....	102
kohalana Metcalf var.....	105	terryi Metcalf var.....	70
konana Metcalf var.....	69	variabilis Metcalf.....	220
lanaiana Metcalf var.....	101	williamsi Metcalf var.....	70
laticeps Metcalf.....	180		

INDEX OF GENERA AND HIGHER GROUPS

Achaemenes Stål.....	26	<i>Caneirona</i> Distant.....	34
<i>Adana</i> Stål.....	245	<i>Carolus</i> Kirkaldy.....	128
Adolenda Distant.....	242	<i>Chlorodus</i> Johnson and Ledig.....	255
Adolendana Distant.....	23	<i>Ciocixius</i> Metcalf.....	27
<i>Adzapala</i> Distant.....	45	CIXIIDAE.....	7
Aka White.....	123	CIXINI.....	14
<i>Ambalangoda</i> Distant.....	34	Cixiosoma Berg.....	223
Andes Stål.....	14	Cixius Latreille.....	148
Anila Distant.....	147	Colvanalia Muir.....	134
Antillixius Myers.....	239	<i>Commolenda</i> Distant.....	34
Aulocorypha Berg.....	243	<i>Cotyleceps</i> Uhler.....	27
Australoma Kirkaldy.....	37	Cubana Uhler.....	24
<i>Bajauana</i> Distant.....	34	<i>Curiatius</i> Distant.....	225
<i>Barma</i> Distant.....	251	<i>Diacira</i> Stål.....	124
<i>Bathymeria</i> Muir.....	134	Duilius Stål.....	241
Benna Walker.....	19	Dystheatis Kirkaldy.....	32
Bennarella Muir.....	21	<i>Entithena</i> Fieber.....	135
Bennaria Melichar.....	21	Epolarus Matsumura.....	44
Betacixius Matsumura.....	122	Eucarpia Walker.....	39
Bodecia Walker.....	243	Euryphlepsia Muir.....	253
Borysthenes Stål.....	251	Gelastocephalus Kirkaldy.....	22
Bothriocera Burmeister.....	245	Gonyphlepsia Jacobi.....	254
BOTHRIOCERINI.....	245	<i>Haplacha</i> Lethierry.....	117
Bothriocerodes Fowler.....	127	Hemitropis Fieber.....	117
Brixia Stål.....	225	Huttia Myers.....	42
Brixidia Haglund.....	24	Hyaesthes Signoret.....	109
Cajeta Stål.....	134	Iolania Kirkaldy.....	224
Calamister Kirkaldy.....	134	Innobindus Jacobi.....	25
Calerda Signoret.....	244	Ipsnola Signoret.....	244

<i>Kirbya</i> Melichar.....	31	<i>Oliarius</i> Stål.....	44
<i>Kirbyana</i> Distant.....	31	<i>Olonia</i> Muir.....	131
<i>Kirbyella</i> Kirkaldy.....	31	<i>Pachyntheisa</i> Fowler.....	241
<i>Koroana</i> Myers.....	146	<i>Parandes</i> Muir.....	19
<i>Kuvera</i> Distant.....	120	<i>Paulia</i> Stål.....	233
<i>Leades</i> Jacobi.....	146	<i>Pentastira</i> Kirschbaum.....	44
<i>Leirioessa</i> Kirkaldy.....	230	<i>Pentastiridius</i> Kirschbaum.....	44
<i>Leptochlamys</i> Kirkaldy.....	26	<i>Pintalia</i> Stål.....	27
<i>Leptolamia</i> Metcalf.....	25	<i>Platycixius</i> Van Duzee.....	242
<i>Liorhinus</i> Kirschbaum.....	109	<i>Prosops</i> Buckton.....	45
<i>Macrociixius</i> Matsumura.....	128	<i>Pseudoliarius</i> Haupt.....	131
<i>Malpha</i> Myers.....	43	<i>Ptoleria</i> Stål.....	33
<i>Melandeva</i> Distant.....	24	<i>Quirosia</i> Kirkaldy.....	32
<i>Mesoliarius</i> Matsumura.....	43	<i>Rhamphixius</i> Fowler.....	239
<i>Metabrixia</i> Fowler.....	27	<i>Saccharius</i> Kirkaldy.....	32
<i>Micrixia</i> Fowler.....	242	<i>Semo</i> White.....	116
<i>Microledrida</i> Fowler.....	239	<i>Sevia</i> Stål.....	124
<i>Mnemosyne</i> Stål.....	39	<i>Solonaima</i> Kirkaldy.....	115
<i>Monorachis</i> Uhler.....	131	<i>Southia</i> Kirkaldy.....	233
<i>Moysella</i> Horváth.....	116	<i>Stenophlepsia</i> Muir.....	254
<i>Muirolonia</i> Metcalf.....	131	<i>Talaloe</i> Distant.....	115
<i>Mundopa</i> Distant.....	125	<i>Tarberus</i> Jacobi.....	22
<i>Myndus</i> Stål.....	135	<i>Tiriteana</i> Myers.....	244
<i>Nesocharis</i> Kirkaldy.....	22	<i>Trigonocranus</i> Fieber.....	128
<i>Nesochlamys</i> Kirkaldy.....	22	<i>Triopsis</i> Signoret.....	225
<i>Nesoliarius</i> Kirkaldy.....	108	<i>Trirhacus</i> Fieber.....	129
<i>Nesomyndus</i> Jacobi.....	146	<i>Urvillea</i> Kirkaldy.....	45
<i>Nesopompe</i> Kirkaldy.....	109	<i>Vademela</i> Melichar.....	251
<i>Nothocharis</i> Muir.....	23	<i>Vincentia</i> Uhler.....	148
<i>Nymphocixia</i> Van Duzee.....	240	<i>Volcanalia</i> Distant.....	132
<i>Oecleus</i> Stål.....	233		

(NOTE.—Bibliography and specific index will appear in the last Part of the Fascicle.)



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