

GENERAL CATALOGUE  
OF THE  
HEMIPTERA

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

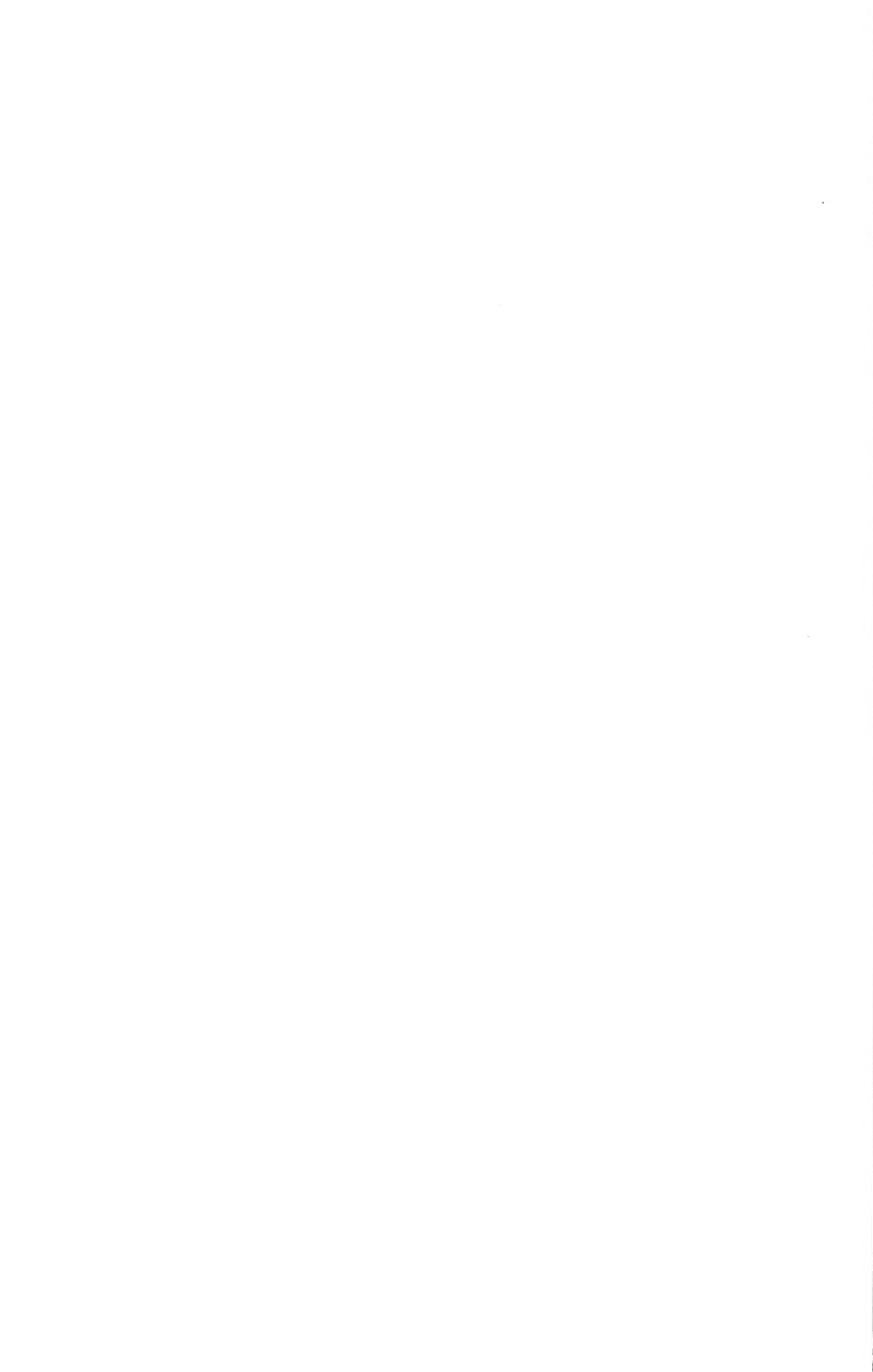
FASCICLE IV  
FULGOROIDEA  
PART 2  
CIXIIDAE

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



Family 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; Penang<sup>1</sup>  
 Pl. 2, Figs. 15–16. [Illustrated, n sp.]<sup>1</sup>

**bakeri** Muir

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

**bicolor** Muir

- 1925 *Andes bicolor* Muir, Philippine Jour. Sci. **27**: 221. [n. Borneo<sup>1</sup>  
 sp.]

**brunniceps** Muir

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

*Andes***brunneus** Muir

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

**cucullatus** Muir

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

**decoloratus** Muir

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

**distinctus** Muir

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

**dubiosus** Muir

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

**elongata** Distant

- 1911 *Brixia elongata* Distant, Ann. Mag. Nat. Hist. (8) **8**: Ceylon<sup>1</sup>  
746. [n. sp.]<sup>1</sup>  
1916 *Brixia elongata* Distant, Fauna British India **6**: 45. [Described.]<sup>1</sup>  
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, Mindanao<sup>1</sup>  
Fig. 13. [Illustrated, n. sp.]<sup>1</sup> (Philippine I.)

**furcatus** Muir

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

**geometrina** Distant

- 1911 *Brixia geometrina* Distant, Ann. Mag. Nat. Hist. (8) **8**: Ceylon<sup>1</sup>  
746. [n. sp.]<sup>1</sup>  
1916 *Brixia geometrina* Distant, Fauna British India **6**: 46. [Described.]<sup>1</sup>  
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 Guinea<sup>1</sup>  
[n. sp.]<sup>1</sup>

- 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; Borneo<sup>1</sup>  
Pl. 2, Fig. 19. [Illustrated, n. sp.]<sup>1</sup>

### *indistinctus* Muir

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

### *inornata* Distant

- 1911 *Brixia inornata* Distant, Ann. Mag. Nat. Hist. (8) **8**: Himalayas<sup>1</sup>  
745. [n. sp.]<sup>1</sup> Sikkim<sup>2</sup>  
1916 *Brixia inornata* Distant, Fauna British India **6**: 45. (India.)  
[Described.]<sup>2</sup>  
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. Singapore<sup>1</sup>  
2., Figs. 25, 26. [Illustrated, n. sp.]<sup>1</sup>

*lamononi* Muir. See *Leirioessa lamononi* Muir.

### *maculifrons* Muir

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

### *marmorata* Uhler

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

*Andes*

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

*meander* Walker. See *Leirioessa meander* Walker.

*migratorius* Distant. See *Leirioessa migratoria* Distant.

**mindanaensis** Muir

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

**mitellatus** Muir

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

**nexus** Walker

- 1857 *Cixius nexus* Walker, Jour. Linn. Soc. Zool. 1: 148. [n. Borneo<sup>1</sup>  
sp.]<sup>1</sup>
- 1858 *Cixius nexus* Walker, List Homop. British Mus. Suppl. :80. [Listed.]<sup>1</sup>
- 1859 *Cixius nexus* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup>
- 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.]<sup>1</sup> Equals  
*Cixius nexus* Walk.

*nubilus* Walker. See *Leirioessa nubilus* Walker.

**ocellatus** Muir

- 1925 *Andes ocellatus* Muir, Philippine Jour. Sci. 27: 222. [n. Luzon<sup>1</sup>  
sp.]<sup>1</sup> (Philippine I.)

**oldi** Muir

- 1923 *Andes oldi* Muir, Ann. Mag. Nat. Hist. (9) 11: 553. [n. Nyassaland<sup>1</sup>  
sp.]<sup>1</sup>

**ornatus** Muir

- 1925 *Andes ornatus* Muir, Philippine Jour. Sci. 27: 208; Pl. 1, Singapore<sup>1</sup>  
Figs. 15, 16, 17, 18. [Illustrated, n. sp.]<sup>1,2</sup> Borneo<sup>2</sup>

**parvus** Muir

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

**plagosa** Distant

- 1911 *Brixia plagosa* Distant, Ann. Mag. Nat. Hist. (8) 8: 745. Himalayas<sup>1</sup>  
[n. sp.]<sup>1</sup> Sikkim<sup>2</sup>

- 1916 *Brixia plagosa* Distant, Fauna British India 6: 44. [Described.]<sup>2</sup> (India)  
India<sup>3</sup>
- 1922 *Brixia plagosa* Muir, Rec. Indian Mus. 24: 347. [Notes.]<sup>3</sup>
- 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.]<sup>1</sup> Mindano<sup>1</sup>  
(Philippine I.)

**pulchellus** Muir

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

*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.]<sup>1</sup> Borneo<sup>1</sup>

**serratus** Muir

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

**serrulatus** Muir

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

**siberutensis** Muir

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

**simplex** Muir

- 1925 *Andes simplex* Muir, Philippine Jour. Sci. 27: 203; Pl. 1, Fig. 1. [Illustrated, n. sp.]<sup>1</sup> Borneo<sup>1</sup>

**spinosus** Muir

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

**stramineus** Muir

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

*tortricomorpha* Kirkaldy. See *Leirioessa migratoria* Distant.



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

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

**trispinosus** Muir

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

**undulatus** Stål

- 1870 *Andes undulatus* Stål, Ofv. Svenska Vet. Akad. Forh. Philippines<sup>1</sup>  
27: 747. [n. sp.]<sup>1</sup>
- 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; Basilan<sup>1</sup>  
Pl. 2, Fig. 4. [Illustrated, n. sp.]<sup>1</sup> (Sulu  
Islands)

**usitatus** Muir

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

**variolosa** Distant

- 1911 *Brixia variolosa* Distant, Ann. Mag. Nat. Hist. (8) 8: Himalayas<sup>1</sup>  
746. [n. sp.]<sup>1</sup> Sikkim<sup>2</sup>
- 1916 *Brixia variolosa* Distant, Fauna British India 6: 46; Fig. (India)  
30. [Described, illustrated.]<sup>2</sup>
- 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 Borneo<sup>1</sup>  
Fig. 1a. [n. sp., illustrated.]<sup>1</sup>

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. Borneo<sup>1</sup>  
 [n. sp.]<sup>1</sup>  
 1859 *Benna canescens* Dohrn, Cat. Hemip. :60. [Listed.]<sup>1</sup>

#### *capitulata* Walker

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

*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 Guinea<sup>1</sup>  
 [n. sp.]<sup>1,2</sup> Sula<sup>2</sup>  
 1907 *Benna guttata* Distant, Ann. Mag. Nat. Hist. (7) **19**:  
 285. [Listed.]<sup>1,2</sup> 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. Borneo<sup>1</sup>  
 [n. sp.]<sup>1</sup>  
 1858 *Benna praestans* Walker, List Homop. British Mus. Suppl. :106. [Listed.]<sup>1</sup>  
 1859 *Benna praestans* Dohrn, Cat. Hemip. :60. [Listed.]<sup>1</sup>

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

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

**sinuata** Melichar

- 1914 *Benna sinuata* Melichar, Philippine Jour. Sci. 9: 269; Luzon<sup>1</sup>  
Pl. I, Fig. 1. [n. sp., illustrated.]<sup>1</sup> (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.<sup>1</sup>  
175; Pl. I, Fig. 3. [Illustrated, n. sp.]<sup>1</sup>

**clarescens** Walker

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

**fusca** Muir

- 1930 *Bennarella fusca* Muir, Pan-Pacific Ent. 7: 13. [n. sp.]<sup>1</sup> Brazil<sup>1</sup>

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.]<sup>1</sup> New South Wales<sup>1</sup>

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.]<sup>1</sup> New Caledonia<sup>1</sup>

**semicarinatus** Jacobi

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

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. Fiji<sup>1</sup>  
 Assoc. 3: 111; Fig. 1. [n. sp., illustrated.]<sup>1</sup> :12. [Listed.]

**vitiensis** Kirkaldy

- 1907 *Nesochlamys vitiensis* Kirkaldy, Bull. Hawaiian Sugar. Fiji<sup>1</sup>  
 Pl. Assoc. 3: 115. [n. sp.]<sup>1</sup>  
 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.]<sup>1,2</sup> Hebrides<sup>1</sup>  
 Santo Island<sup>2</sup>  
 (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: Seychelles<sup>1</sup>  
 279; Pl. 49, Figs. 10, 10a. [n. sp., illustrated.]<sup>1,2</sup> Silhouette<sup>2</sup>  
 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.]<sup>1</sup>

**tayabasensis** Muir

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

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; Assam<sup>1</sup>  
Fig. 123. [Illustrated, n. sp.]<sup>1</sup> (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 Coast<sup>1</sup>  
554. [n. sp.]<sup>1</sup>

**nebulosa** Haglund

- 1899 *Brixidia nebulosa* Haglund, Ofv. Svenska Vet. Akad. Cameroons<sup>1</sup>  
Forh. 56: 61. [n. sp.]<sup>1</sup>

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.]<sup>1</sup> Rodriguez I.<sup>1</sup>  
 (Indian Ocean)

**irrorata** Uhler

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

**tortriciformis** Muir

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

**tortrix** Uhler

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

**trinitatis** Myers

- 1928 *Cubana trinitatis* Myers, Studies on Cuban Insects :15. [n. sp.]<sup>1</sup> Cuba<sup>1</sup>

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.]<sup>1</sup> Australia<sup>1</sup>

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.]<sup>1</sup> :12. [Listed.] Queensland<sup>1</sup>

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.]<sup>1</sup> Caffraria<sup>1</sup>  
Transvaal<sup>2</sup>

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

**dilutus** Stål

1866 *Achaemenes dilutus* Stål, Hemip. Africana **4**: 171. [n. sp.]<sup>1</sup> Caffraria<sup>1</sup>  
East Africa<sup>2</sup>

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

**intersparsus** Jacobi

1917 *Achaemenes intersparsus* Jacobi, Reise in Ostafrika **3**: 527. [n. sp.]<sup>1</sup> Madagascar<sup>1</sup>

**kilimanus** Jacobi

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



*Achaemenes—Pintalia*

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

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 Mexico<sup>1</sup>  
 1: 87; Pl. IX, Figs. 24, 24a. [n. sp., illustrated.]<sup>1-3</sup> Mississippi<sup>2</sup>
- 1916 *Monorachis aspersa* Van Duzee, Check List Hemip. Costa Rica<sup>3</sup>  
 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.]<sup>2</sup> Equals *Metabrixia aspersa* Fowl.

**consobrina** Stål

- 1862 *Pintalia consobrina* Stål, Bidr. Rio Janeiro-trakt. Brazil<sup>1</sup>  
 Hemip. 2: 5. [n. sp.]<sup>1</sup>

**decorata** Uhler

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

*Pintalia*

- 1903 *Cortyleceps* [sic] *decorata* Henshaw, Psyche 10: 227.  
[Listed.]<sup>1</sup>
- 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.]<sup>1</sup> Mexico<sup>1</sup>  
Mississippi<sup>2</sup>
- 1925 *Pintalia delicata* Muir, Pan-Pacific Ent. 1: 102. Equals Texas<sup>3</sup>  
*Metabrixia delicata* Fowl. Louisiana<sup>4</sup>
- 1928 *Cotyleceps delicata* Dozier, Tech. Bull. Mississippi Agr. Virginia<sup>5</sup>  
Exp. Sta. 14: 68. [Described.]<sup>2,3,4,5,6</sup> Equals *Metabrixia* South  
*delicata* Fowl. Equals *Cixius dorsivittatus* Van D. [error.] Carolina<sup>6</sup>  
Equals *Ciocixius dorsivittatus* Metc. [error.]

**discoidalis** Lethierry

- 1890 *Pintalia discoidalis* Lethierry, Ann. Soc. Ent. France Venezuela<sup>1</sup>  
(6) 16: 148. [n. sp.]<sup>1</sup>

**dorsivittatus** Van Duzee

- 1908 *Cixius dorsalis* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia 1907: 491. [n. sp.]<sup>1</sup> :488. [Key.] Florida<sup>1</sup>  
Southern
- 1909 *Cixius dorsivittatus* Van Duzee, Bull. Buffalo Soc. Nat. States<sup>2</sup>  
Sci. 9: 188. Nom. nov. for *Cixius dorsalis* Van D. Cuba<sup>3</sup>  
[Notes.]<sup>1</sup>
- 1914 *Cixius dorsivittatus* Barber, Bull. American Mus. Nat. Hist. 33: 527.  
[Listed.]<sup>1</sup>
- 1916 *Cixius dorsivittatus* Van Duzee, Check List Hemip. America :79. [Listed.]<sup>2</sup>  
Equals *Cixius dorsalis* Van D.
- 1917 *Cixius dorsivittatus* Van Duzee, Cat. Hemip. America :734. [Listed.]<sup>1</sup>  
Equals *Cixius dorsalis* Van D.
- 1921 *Cixius dorsivittatus* Osborn, Florida Ent. 5: 15. [Listed.]<sup>1</sup>
- 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.]<sup>3</sup>
- 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. Brazil<sup>1</sup>  
Hemip. 2: 4 [n. sp.]<sup>1</sup>

**fraterna** Stål

- 1862 *Pintalia fraterna* Stål, Bidr. Rio Janeiro-trakt. Hemip. Brazil<sup>1</sup>  
2: 4. [n. sp.]<sup>1</sup>

**germana** Fowler

- 1904 *Metabrixia germana* Fowler, Biologia Centrali-Ameri- Mexico<sup>1</sup>  
cana 1: 87; Pl. IX, Figs. 25, 25a. [Illustrated, n. sp.]<sup>1,2</sup> Costa Rica<sup>2</sup>

**inornata** Stål

- 1862 *Pintalia inornata* Stål, Bidr. Rio Janeiro-trakt. Hemip. Brazil<sup>1</sup>  
2: 4. [n. sp.]<sup>1</sup>

**lateralis** Stål

- 1862 *Pintalia lateralis* Stål, Bidr. Rio Janeiro-trakt. Hemip. Brazil<sup>1</sup>  
2: 4. [n. sp.]<sup>1</sup>

**maculata** Fowler

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

**obscuripennis** Stål

- 1862 *Pintalia obscuripennis* Stål, Bidr. Rio Janeiro-trakt. Brazil<sup>1</sup>  
Hemip. 2: 4. [n. sp.]<sup>1</sup>

**pictipennis** Stål

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

**procellata** Uhler

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

**proxima** Stål

- 1862 *Pintalia proxima* Stål, Bidr. Rio Janeiro-trakt. Hemip. Brazil<sup>1</sup>  
2: 5. [n. sp.]<sup>1</sup>

**tacta** Fowler

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

**ustulata** Stål

- 1862 *Pintalia ustulata* Stål, Bidr. Rio Janeiro-trakt. Hemip. Brazil<sup>1</sup>  
2: 5. [n. sp.]<sup>1</sup>

*Pintalia*—*Kirbyana***variegata** Fabricius

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

Genus **KIRBYANA** DistantOrthotype *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. Java<sup>1</sup>  
[n. sp.]<sup>1</sup> Sipora  
1926 *Kirbyana javana* Muir, Jour. Malayan Branch Roy. Island<sup>2</sup>  
Asiatic Soc. 4: 395; Fig. 2. [Illustrated.]<sup>1,2</sup> Sebesi<sup>3</sup>  
1930 *Kirbyana javana* Muir, Treubia 12: 29. [Listed.]<sup>1,2,3</sup> (Malaysia)

## pagana Melichar

- 1903 *Kirbya pagana* Melichar, Homop.-Fauna Ceylon :38; Ceylon<sup>1</sup>  
Pl. II, Figs. 1, 1a-c. [n. sp., illustrated.]<sup>1</sup> :223. [Listed.]<sup>1</sup> Formosa<sup>2</sup>  
Equals *Derbe* (?) *crenatonervosa* Motsch. [error.] China<sup>3</sup>  
1906 *Kirbyana pagana* Distant, Fauna British India 3: 262; Malay<sup>4</sup>  
Fig. 118. [Described, illustrated.]<sup>1</sup> Equals *Kirbya pa-* India<sup>5</sup>  
*gana* Mel. Oriental  
1914 *Kirbyana pagana* Matsumura, Annot. Zool. Japonenses Region<sup>6</sup>  
8: 434. [Listed.]<sup>2,3,4,5</sup> Equals *Kirbya pagana* Mel. Sunda I.<sup>7</sup>  
1915 *Kirbyana pagana* Schumacher, Homop.-Fauna Insel  
Formosa :116. [Listed.]<sup>1,2,3,5,7</sup> Equals *Kirbya pagana* Mel.  
1917 *Kirbya pagana* Pierce, Man. Dangerous Ins. :206. [Listed.]<sup>2,6</sup>  
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.]<sup>1</sup> Peninsula<sup>1</sup>

Genus **DYSTHEATIAS** 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. Fiji<sup>1</sup>  
 Assoc. 3: 113. [n. sp.]<sup>1</sup> :12. [Listed.]

**beecheyi** var. **fuscata** Kirkaldy

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

**deventeri** Kirkaldy

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

**fuscovenosa** Melichar

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

**punctata** Melichar

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

**vitiensis** Kirkaldy

- 1907 *Quirosia vitiensis* Kirkaldy, Bull. Hawaiian Sugar Pl. Fiji<sup>1</sup>  
 Assoc. 3: 115. [n. sp.]<sup>1</sup> :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. Ceylon<sup>1</sup>  
 [n. sp.]<sup>1</sup>  
 1891 *Ptoleia arcuigera* Kirby, Jour. Linn. Soc. Zool. 24: 139. [Listed.]<sup>1</sup>  
 1903 *Ptoleia arcuigera* Melichar, Homop.-Fauna Ceylon :37; Pl. I, Figs. 9, 9a-c. [Described, illustrated.]<sup>1</sup> :223. [Listed.]<sup>1</sup>  
 1906 *Ptoleia arcuigera* Distant, Fauna British India 3: 266; Fig. 120. [Described, illustrated.]<sup>1</sup>

**australis** Muir

- 1913 *Ptoleia australis* Muir, Proc. Hawaiian Ent. Soc. 2: 258. Queensland<sup>1</sup>  
 [n. sp.]<sup>1</sup>

*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 Guinea<sup>1</sup>  
 [n. sp.]<sup>1</sup>  
 1907 *Bajanana bicolor* Distant, Ann. Mag. Nat. Hist. (7) 19: 278. [Listed.]<sup>1</sup>  
 Equals *Brixia bicolor* Walk.

**brunnea** Muir

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

**buxtoni** Muir

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

**communis** Muir

- 1913 *Ptoleia communis* Muir, Proc. Hawaiian Ent. Soc. 2: 257. Singapore<sup>1</sup>  
 [n. sp.]<sup>1</sup>

**deusta** Distant

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

**fasciata** Distant

- 1916 *Ambalangoda fasciata* Distant, Fauna British India Ceylon<sup>1</sup>  
6: 62. [n. sp.]<sup>1</sup>

**granulinervis** Muir

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

**indica** Distant

- 1916 *Caneirona indica* Distant, Fauna British India 6: 39; South India<sup>1</sup>  
Fig. 24. [Illustrated, n. sp.]<sup>1</sup>  
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. Ceylon<sup>1</sup>  
(8) 9: 188. [n. sp.]<sup>1</sup>  
1916 *Ambalangoda insignis* Distant, Fauna British India 6: 62; Fig. 47. [De-  
scribed, illustrated.]<sup>1</sup>  
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.]<sup>1</sup> Peninsula<sup>1</sup>

**maculipennis** Distant

- 1917 *Caneirona maculipennis* Distant, Trans. Linn. Soc. Zool. Seychelles<sup>1</sup>  
17: 277; Pl. 49, Figs. 9, 9a. [Illustrated, n. sp.]<sup>1,2</sup> Mahe<sup>2</sup>  
(Indian Ocean)

**magna** Muir

- 1913 *Ptolema magna* Muir, Proc. Hawaiian Ent. Soc. 2: 258. West  
[n. sp.]<sup>1</sup> Borneo<sup>1</sup>

**marginata** Walker

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

**palliceus** Walker

- 1870 *Brixia palliceus* Walker, Jour. Linn. Soc. Zool. 10: 106. Mysol<sup>1</sup>  
[n. sp.]<sup>1,2</sup> (East Indies)

*Ptoleia*—*Australoma*

- 1907 *Bajauana pallicepts* Distant, Ann. Mag. Nat. Hist. (7) 19: 278. [Listed.]<sup>1</sup> Equals *Brixia pallicepts* Walk. New Guinea<sup>2</sup>

**puncticosta** Walker

- 1870 *Brixia puncticosta* Walker, Jour. Linn. Soc. Zool. 10: 109. [n. sp.]<sup>1,2</sup> Morty<sup>1</sup>  
Mysol<sup>2</sup>
- 1907 *Bajauana puncticosta* Distant, Ann. Mag. Nat. Hist. (7) 19: 278. [Listed.]<sup>2,1</sup> Equals *Brixia puncticosta* Walk. (East Indies)

**puncticosta** var. **beta** nom. nov. for *Brixia puncticosta* var.  $\beta$  Walker

- 1870 *Brixia puncticosta* var. Walker, Jour. Linn. Soc. Zool. 10: 109. [var. n.]<sup>1</sup> Mysol<sup>1</sup>

**rufula** Walker

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

**tenebrosa** Walker

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

**trahens** Walker

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

**varia** Walker

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

**variegata** Walker

- 1870 *Brixia variegata* Walker, Jour. Linn. Soc. Zool. 10: 108. [n. sp.]<sup>1</sup> Sula<sup>1</sup>  
(Molucca I.)
- 1907 *Bajauana variegata* Distant, Ann. Mag. Nat. Hist. (7) 19: 278. [Listed.]<sup>1</sup> 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.]<sup>1</sup> :12. [Listed.] Queensland<sup>1</sup> Buru<sup>2</sup> (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.]<sup>2</sup>

### *baumanensis* Muir

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

### *bicolor* Muir

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

### *brunnia* Muir

- 1922 *Australoma brunnia* Muir, Rec. Indian Mus. 24: 350. [n. sp.]<sup>1</sup> Assam<sup>1</sup> (India)

### *fusconervata* Muir

- 1913 *Austroloma* [sic] *fusconervata* Muir, Proc. Hawaiian Ent. Soc. 2: 259. [n. sp.]<sup>1,2</sup> Larat<sup>1</sup> Amboina<sup>2</sup> (East Indies)

### *grandis* Muir

- 1913 *Austroloma* [sic] *grandis* Muir, Proc. Hawaiian Ent. Soc. 2: 260. [n. sp.]<sup>1</sup> Amboina<sup>1</sup>

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

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

- 1913 *Austroloma* [sic] *pallida* Muir, Proc. Hawaiian Ent. Soc. Amboina<sup>1</sup>  
2: 259. [n. sp.]<sup>1,2</sup> Larat<sup>2</sup>

**pallidula** Muir

- 1913 *Austroloma* [sic] *pallidula* Muir, Proc. Hawaiian Ent. Larat<sup>1</sup>  
Soc. 2: 259. [n. sp.]<sup>1</sup>

**praetextata** Jacobi

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

**praetextata** var. **obscura** Jacobi

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

**wilkesi** Muir

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

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

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.]<sup>1</sup> Cameroons<sup>1</sup>  
 South  
 1923 *Mnemosyne camerunensis* Muir, Ann. Mag. Nat. Hist. (9) 11: 558. [Notes.]<sup>2</sup> Nigeria<sup>2</sup>

### cingalensis Distant

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

### cubana Stål

- 1866 *Mnemosyne cubana* Stål, Berliner Ent. Zeit. 10: 391. [n. sp.]<sup>1</sup> Cuba<sup>1</sup>  
 Isle of Pines<sup>2</sup>  
 1904 *Mnemosyne cubana* [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.]<sup>1</sup>
- 1914 *Mnemosina* [sic] *cubana* Valdes, Zool. Mus. Cubano "Gundlach" Cat. Gen. :103. [Listed.]<sup>1</sup>
- 1917 *Mnemosync cubana* Heidemann and Osborn, Ann. Carnegie Mus. 11: 348. [Listed.]<sup>2</sup>
- 1923 *Mnemosyne cubanae* [sic] Muir, Ann. Mag. Nat. Hist. (9) 11: 555. [Described.]
- 1928 *Mnemosync cubana* Myers, Studies on Cuban Insects :15. [Note.]<sup>1</sup>
- 1929 *Mnemosyne cubana* Myers, Psyche 36: 284; Figs. 1-7. [Biology, illustrated.]<sup>1</sup>

*cutana*. Typographical error for *Mnemosyne cubana* Stål.

**dohertyi** Distant

- 1907 *Mnemosyne dohertyi* Distant, Ann. Mag. Nat. Hist. (7) Borneo<sup>1</sup>  
19: 283. [n. sp.]<sup>1</sup>

**efferatus** Walker

- 1857 *Cixius efferatus* Walker, Jour. Proc. Linn. Soc. 1: 87. Singapore<sup>1</sup>  
[n. sp.]<sup>1</sup> India<sup>2</sup>
- 1859 *Cixius efferatus* Dohrn, Cat. Hemip. :60. [Listed.]<sup>1</sup> :61.  
[Listed.]<sup>2</sup>
- 1886 *Cixius* (?) *efferatus* Atkinson, Jour. Asiatic Soc. Bengal 55: 32. [Described.]<sup>1</sup>
- 1907 *Oliarus efferatus* Distant, Ann. Mag. Nat. Hist. (7) 19: 282. [Listed.]<sup>1</sup>  
Equals *Cixius efferatus* Walk.
- 1923 *Mnemosyne efferatus* Muir, Ann. Mag. Nat. Hist. (9) 11: 557. [Described.]<sup>1</sup>
- 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 Coast<sup>1</sup>  
558. [n. sp.]<sup>1</sup>

**fuscinervis** Muir

- 1926 *Mnemosyne fuscinervis* Muir, Jour. Malayan Branch Siberut<sup>1</sup>  
Roy. Asiatic Soc. 4: 395; Figs. 3, 4. [Illustrated, n. sp.]<sup>1,2</sup> (East Indies)  
Sipora<sup>2</sup>

**maculipennis** Muir

- 1923 *Mnemosyne maculipennis* Muir, Ann. Mag. Nat. Hist. British East  
(9) 11: 557. [n. sp.]<sup>1,2</sup> Africa<sup>1</sup>  
Mozambique<sup>2</sup>

**philippina** Stål

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

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

**planiceps** Fabricius

- 1803 *Flata planiceps* Fabricius, Systema Rhyng. :48. [n. sp.]<sup>1</sup> South  
 1830 *Flata planiceps* Germar, Thon Archiv 2: 49. [Described.]<sup>1</sup> America<sup>1</sup>  
 Colombia<sup>2</sup>  
 1850 *Ricania planiceps* Schaum, Allg. Ency. Ersch und Gruber 51: 73. [Listed.]<sup>1</sup> Equals *Flata planiceps* Fabr. Panama<sup>3</sup>  
 British  
 1851 *Ricania? planiceps* Walker, List Homop. British Mus. 2: 424. [Listed.]<sup>1</sup> Equals *Flata planiceps* Fabr. Guiana<sup>4</sup>  
 Cuba<sup>5</sup>  
 1851 *Cixius colombiae* Walker, List Homop. British Mus. 2: 339. [n. sp.]<sup>2</sup> Central  
 America<sup>6</sup>  
 1859 *Cixius colombiae* Dohrn, Cat. Hemip. :60. [Listed.]<sup>2</sup>  
 1859 *Ricania planiceps* Dohrn, Cat. Hemip. :67. [Listed.]<sup>1</sup>  
 1869 *Mnemosyne planiceps* Stål, Hemip. Fabriciana 2: 91. [Described.]<sup>1</sup>  
 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.]<sup>1,3,4,5</sup> Equals *Flata planiceps* Fabr. Equals *Mnemosyne cutana* [sic] Stål. [error.]  
 1907 *Mnemosyne planiceps* Distant, Ann. Mag. Nat. Hist. (7) 19: 283. [Listed.]<sup>5,6</sup> Equals *Flata planiceps* Fabr. Equals *Cixius columbiae* Walk.  
 1923 *Mnemosyne planiceps* Muir, Ann. Mag. Nat. Hist. (9) 11: 556. [Described.]<sup>6</sup>  
 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.]<sup>1</sup> India<sup>1</sup>  
 Indo-China<sup>2</sup>  
 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.]<sup>2</sup>

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 Zealand<sup>1</sup>  
[n. sp.]<sup>1</sup>

**nigrifrons** Myers

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

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.]<sup>1</sup>

**duniana** Myers

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

**iris** Myers

1924 *Malpha iris* Myers, Trans. New Zealand Inst. 55: 323. New Zealand<sup>1</sup>  
[n. sp.]<sup>1</sup>

**muiri** Myers

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

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. Spain<sup>1</sup>  
Tokyo 27: 10; Fig. 1. [Illustrated, n. sp.]<sup>1</sup>

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

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 Egypt<sup>1</sup> 27: 12; Fig. 2. [Illustrated, n. sp.]<sup>1</sup>

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

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

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 *Penta-*  
*stira* 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**: Hawaii<sup>1</sup>  
78. [n. sp.]<sup>1</sup>

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

**acuminatus** Muir

- 1924 *Oliarus acuminatus* Muir, Philippine Jour. Sci. 24: 524; Larat Island<sup>1</sup>  
Pl. 2, Figs. 17a-b. [n. sp., illustrated.]<sup>1-2</sup> Timor Laut<sup>2</sup>

**acuticeps** Jacobi

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

**adustus** Fieber

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

**agnatus** Giffard

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

**albatus** Giffard

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

**albomaculata** Muir

- 1924 *Oliarus albomaculata* Muir, Philippine Jour. Sci. 24: 524. Luzon<sup>1</sup>  
[n. sp.]<sup>1</sup> (Philippine I)

**alexanor** Kirkaldy

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

**angusticeps** Horváth

- 1892 *Oliarus angusticeps* Horváth, Term. Fuzetek 15: 137. Japan<sup>1</sup>  
[n. sp.]<sup>1</sup>



*Oliarus*

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

*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 Bengal<sup>1</sup>  
**8**: 736. [n. sp.]<sup>1</sup>  
 1916 *Oliarus annandalei* Distant, Fauna British India **6**: 30; (India)  
 Fig. 15. [Described, illustrated.]<sup>1</sup>

**apicalis** Uhler

- 1896 *Myndus apicalis* Uhler, Proc. United States Nat. Mus. Japan<sup>1</sup>  
**19**: 281. [n. sp.]<sup>1</sup>  
 1900 *Oliarus apicalis* Matsumura, Ent. Nachr. **26**: 208 (4). [Listed.]<sup>1</sup> Equals  
*Myndus apicalis* Uhl.  
 1903 *Myndus apicalis* Henshaw, Psyche **10**: 228. [Listed.]<sup>1</sup>  
 1907 *Oliarius* [sic] *apicalis* Oshanin, Verz. Palaeark. Hemip. **2**: 240. [Listed.]<sup>1</sup>  
 Equals *Myndus apicalis* Uhl.  
 1907 *Oliarus apicalis* Matsumura, Annot. Zool. Japonenses **6**: 89. [Listed.]<sup>1</sup>  
 1912 *Oliarus apicalis* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]<sup>1</sup>  
 1914 *Oliarus apicalis* Matsumura, Annot. Zool. Japonenses **8**: 421. [Listed.]<sup>1</sup>  
 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.]<sup>1</sup>  
 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.]<sup>1</sup>  
 1933 *Oliarus apicalis* Kato, Illustrated Insects of Japan **4**: Pl. 11, Fig. 11.  
 [Illustrated.]<sup>1</sup>

**apiculatus** Fieber

- 1872 *Oliarus apiculatus* Fieber, Kat. Europäischen Cicad. :3. South Europe<sup>1</sup>  
 [Listed.] [nom. nud.]<sup>1</sup>

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

**aridus** Ball

- 1902 *Oliarus aridus* Ball, Canadian Ent. 34: 151. [n. sp.]<sup>1,2,3</sup> Kansas<sup>1</sup>
- 1904 *Oliarus breviceps* Fowler, Biologia Centrali-Americana California<sup>2</sup>  
1: 94; Pl. X, Figs. 19, 19a. [Illustrated, n. sp.]<sup>4</sup> Colorado<sup>3</sup>
- 1904 *Oliarus aridus* Swezey, Prelim. Cat. Fulgoridae North New Mexico<sup>4</sup>  
America :30. [Listed.]<sup>1,3,2</sup> Western States<sup>5</sup>
- 1908 *Oliarus aridus* Van Duzee, Proc. Acad. Nat. Sci. Phila-  
delphia 1907: 485. [Key.] :486. [Notes.]<sup>3</sup> Mexico<sup>6</sup>
- 1916 *Oliarus aridus* Van Duzee, Check List Hemip. America  
:79. [Listed.]<sup>5</sup> Equals *Oliarus breviceps* Fowl.
- 1917 *Oliarus aridus* Van Duzee, Cat. Hemip. America :732. [Listed.]<sup>1,3,2,6</sup>  
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 Hokkaido<sup>4</sup>  
8: 428. [n. sp.]<sup>1</sup> (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.]<sup>1</sup> :397. [Key.] New South  
Wales<sup>1</sup>
- 1907 *Oliarus asaica* Kirkaldy, Science (n. s.) 26: 397. [Key,  
n. sp.] New South  
Wales<sup>1</sup>
- 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.]<sup>1</sup>

**atkinsae** Myers

1928 *Oliarus atkinsae* Myers, Studies on Cuban Insects :14; Cuba<sup>1</sup>  
Figs. 2, 3. [n. sp., illustrated.]<sup>1</sup>

**atkinsoni** Myers

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

*b* Giffard var. of *inaequalis*. See *Oliarus inaequalis* var. *koebeleri* 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. Borneo<sup>1</sup>  
sp.]<sup>1</sup>

**bantuanus** Distant

1907 *Oliarus bantuanus* Distant, Ins. Transvaaliensia 8: 193; Transvaal<sup>1</sup>  
Fig. 33. [Illustrated, n. sp.]<sup>1,2,3</sup> Natal<sup>2</sup>  
Mashonaland<sup>3</sup>

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

**bilineatus** Muir

1924 *Oliarus bilineatus* Muir, Philippine Jour. Sci. 24: 523; Larat Island<sup>1</sup>  
Pl. 2, Figs. 16a, 16b. [Illustrated, n. sp.]<sup>1,2</sup> Timor Laut<sup>2</sup>

**bimaculatus** Schmidt

1930 *Oliarus bimaculatus* Schmidt, Wien. Ent. Zeit. 47: 116. Java<sup>1</sup>  
[n. sp.]<sup>1</sup>

**binghami** Distant

1911 *Oliarus binghami* Distant, Ann. Mag. Nat. Hist. (8) 8: India<sup>1</sup>  
738. [n. sp.]<sup>1</sup>

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

**bizonatus** Kato

1932 *Oliarus bizonatus* Kato, Kontyu 5: 228. [n. sp.]<sup>1</sup> Manchuria<sup>1</sup>

1933 *Oliarus bizonatus* Kato, Ent. World 1: 18. [Listed.]<sup>1</sup>

**bohemani** Stål

1859 *Cixius bohemani* Stål, Freg. Eugenes Resa :272. [n. sp.]<sup>1</sup> China<sup>1</sup>

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

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

**boninensis** Matsumura

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

**borneensis** Muir

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

**bouakeanus** Kirkaldy

- 1906 *Oliarus bouakeanus* Kirkaldy, Canadian Ent. **38**: 155. Ivory Coast<sup>1</sup>  
 [n. sp.]<sup>1</sup>

**brachycephalus** Distant

- 1907 *Oliarus brachycephalus* Distant, Ins. Transvaaliensia **8**: Transvaal<sup>1</sup>  
 193; Fig. 34. [Illustrated, n. sp.]<sup>1</sup>

*brachycephalus* Haupt. See *Oliarus haupti* Metcalf.

*breviceps* Fowler. See *Oliarus aridus* Ball.

**brevilinea** Matsumura

- 1910 *Oliarus brevilinea* Matsumura, Jour. Coll. Sci. Tokyo Italy<sup>1</sup>  
**27**: 2. [n. sp.]<sup>1</sup>  
 1912 *Oliarus brevilinea* Oshanin, Kat. Palaeark. Hemip. :116. South  
 [Listed.]<sup>2</sup> Hungary<sup>2</sup>

**brunnifrons** Muir

- 1924 *Oliarus brunnifrons* Muir, Philippine Jour. Sci. **24**: 520. Singapore<sup>1</sup>  
 [n. sp.]<sup>1</sup>

**buruanus** Schmidt

- 1926 *Oliarus buruanus* Schmidt, Treubia **7**: 230. [n. sp.]<sup>1</sup> Buru<sup>1</sup>  
 (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. *maiana* Metcalf.

**caffer** Stål

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

*Oliarus*

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

**californicus** Van Duzee

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

**caudatus** Walker

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

**chiriquensis** Fowler

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

**cinereus** Wolcott

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

**cinnamomeus** Provancher

- 1889 *Oliarus cinnamomeus* Provancher, Petite Faune Ent. Vancouver<sup>1</sup>  
 Canada :223. [n. sp.]<sup>1</sup> New  
 1904 *Oliarus cinnamomeus* Swezey, Prelim. Cat. Fulgoridae Hampshire<sup>2</sup>  
 North America :30. [Listed.]<sup>1</sup> Connecticut<sup>3</sup>  
 1908 *Oliarus cinnamomeus* Van Duzee, Proc. Acad. Nat. Sci. Eastern  
 Philadelphia **1907**: 485. [Key.] :488. [Notes.]<sup>1,2,3</sup> States<sup>4</sup>  
 1912 *Oliarus cinnamomeus* Van Duzee, Canadian Ent. **44**: Massa-  
 325. [Listed.] chusetts<sup>5</sup>  
 1916 *Oliarus cinnamomeus* Van Duzee, Check List Hemip. New York<sup>6</sup>  
 America :79. [Listed.]<sup>4</sup> British  
 1917 *Oliarus cinnamomeus* Van Duzee, Cat. Hemip. America Columbia<sup>7</sup>  
 :733. [Listed.]<sup>1,2,5,6</sup>  
 1920 *Oliarus cinnamomeus* Britton, Check-list Ins. Connecticut :46. [Listed.]<sup>3</sup>  
 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.]<sup>3</sup> :32. [Key.]

- 1927 *Oliarus cinnamomeus* Downes, Proc. Ent. Soc. British Columbia **23**: 21. [Listed.]<sup>7</sup>  
 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.]<sup>6</sup>

**clipealis** Jacobi

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

**cocosivora** Muir

- 1929 *Oliarus cocosivora* Muir, Bull. Ent. Res. **20**: 409; Fig. 1. Malaya<sup>1</sup>  
 [n. sp., illustrated.]<sup>1</sup>

*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.]<sup>1</sup> Mexico<sup>1</sup>

**concolor** Fieber

- 1872 *Oliarus concolor* Fieber, Kat. Europäischen Cicad. :3. Greece<sup>1</sup>  
 [Listed.] [nom. nud.]<sup>1</sup> Tunis<sup>2</sup>  
 1875 *Oliarus concolor* Puton, Cat. Hémipt. d'Europe 2d. E.: Algeria<sup>3</sup>  
 113. [Listed.] [nom. nud.]<sup>1</sup> Caucasus<sup>4</sup>  
 1876 *Oliarus concolor* Fieber, Cicad. d'Europe Pt. 2: 209 Turkestan<sup>5</sup>  
 (199). [n. sp.]<sup>1</sup>  
 1886 *Oliarus concolor* Puton, Hemip. Tunisie :9. [Listed.]<sup>2</sup>  
 1886 *Oliarus concolor* Puton, Cat. Hémipt. Faune Pal. :69. [Listed.]<sup>1,2</sup>  
 1889 *Oliarus concolor* Lethierry, Rev. Ent. **8**: 315. [Listed.]<sup>3</sup>  
 1899 *Oliarius* [sic] *concolor* Melichar, Wien. Ent. Zeit. **18**: 178. [Listed.]<sup>2</sup>  
 1899 *Oliarus concolor* Puton, Cat. Hémipt. Faune Pal. :103. [Listed.]<sup>1,4</sup>  
 1907 *Oliarius* [sic] *concolor* Oshanin, Verz. Palaeark. Hemip. **2**: 238. [Listed.]<sup>1,4</sup>  
 1908 *Oliarius* [sic] *concolor* Oshanin, Verz. Palaeark. Hemip. **3**: 445. [Listed.]<sup>3</sup>  
 1912 *Oliarus concolor* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]<sup>1,3,4</sup>  
 1913 *Oliarus concolor* Melichar, Mitt. Kaukasischen Mus. **7**: 13. [Listed.]<sup>4</sup>  
 1914 *Oliarus concolor* Melichar, Mitt. Kaukasischen Mus. **8**: 133 (7). [Listed.]<sup>4</sup>  
 1929 *Oliarus concolor* Kusnezov, Zool. Anz. **79**: 328. [Listed.]<sup>5</sup>  
 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.]<sup>1</sup> Islands<sup>1</sup>  
 :64 (14). [Key.]

**convergens** Melichar

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

*Oliarius*

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

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

*cucullatus* Noualhier. See *Oecleus cucullatus* Noualhier.

*cuspidatus*. Typographical error for *Oliarius cuspidatus* Fieber.

**cuspidatus** Fieber

- 1872 *Oliarius cuspidatus* Fieber, Kat. Europäischen Cicad. :3. Europe<sup>1</sup>  
[Listed.]<sup>1</sup> [nom. nud.] France<sup>2</sup>
- 1875 *Oliarius cuspidatus* Puton, Cat. Hémip. d'Europe 2 Ed. Italy<sup>3</sup>  
114. [Listed.]<sup>1</sup> [nom. nud.] Austria<sup>4</sup>
- 1876 *Oliarius cuspidatus* Fieber, Cicad. d'Europe Pt. 2: 215 Turkey<sup>5</sup>  
(205). [n. sp.]<sup>1</sup> Germany<sup>6</sup>
- 1880 *Oliarius cuspidatus* Reiber and Puton, Bull. Soc. Hist. Serbia<sup>7</sup>  
Nat. Colmar 21: 153. [Listed.]<sup>2</sup> Spain<sup>8</sup>
- 1880 *Oliarius cuspidatus* Chicote, An. Soc. Española 9: 200 Czecho-  
(16). [Listed.]<sup>8,19</sup> slovakia<sup>9</sup>
- 1882 *Oliarius cuspidatus* Ferrari, Cicad. Agri Ligustici :83 Hungary<sup>10</sup>  
(11). [Key, listed.]<sup>3</sup> South
- 1884 *Oliarius cuspidatus* Mayr, Tabellen :17. [Listed.]<sup>1,2,4</sup> Europe<sup>11</sup>
- 1885 *Oliarius cuspidatus* Ferrari, Bull. Soc. Ent. Italiana 17: Caucasus<sup>12</sup>  
271. [Listed.]<sup>3</sup> Turcomania<sup>13</sup>
- 1886 *Oliarius cuspidatus* Puton, Cat. Hémip. Faune Pal. :70. Trancaspian<sup>14</sup>  
[Listed.]<sup>1</sup> Albania<sup>15</sup>
- 1886 *Oliarius cuspidatus* Then, Kat. österreichischen Cicad. Turkestan<sup>16</sup>  
:11. [Listed.]<sup>1,4,9</sup> Crimea<sup>17</sup>
- 1892 *Oliarius cuspidatus* Ferrari, Ann. Mus. Genova (2) 12: Belgium<sup>18</sup>  
568 (20). [Listed.]<sup>3</sup> Portugal<sup>19</sup>
- 1892 *Oliarius cuspidatus* Coubeaux, Ann. Soc. Ent. Belgique  
36: 34 (1). [Listed.]<sup>18</sup>
- 1896 *Oliarius* [sic] *cuspidatus* Melichar, Cicad. Mittel-Europa :33. [De-  
scribed.]<sup>1,4</sup> :30. [Key.]
- 1897 *Oliarius cuspidatus* Horváth, Fauna Regni Hungariae :55. [Listed.]<sup>10</sup>
- 1899 *Oliarius cuspidatus* Puton, Cat. Hémip. Faune Pal. :104. [Listed.]<sup>1</sup>
- 1900 *Oliarius* [sic] *cuspidatus* Strobl, Mitt. Natur. Ver. Steiermark 36: 202.  
[Listed.]<sup>4</sup>
- 1901 *Oliarius cuspidatus* Lambertie, Act. Soc. Linn. Bordeaux 56: (86).  
[Listed.]<sup>2</sup>
- 1903 *Oliarius cuspidatus* Horváth, Ann. Mus. Nat. Hungarici 1: 27. [Listed.]<sup>7</sup>
- 1903 *Oliarius cuspidatus* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 59.  
[Listed.]<sup>4</sup>
- 1903 *Oliarius cuspidatus* Lambertie, Act. Soc. Linn. Bordeaux 58: (2). [Listed.]<sup>2</sup>
- 1904 *Oliarius cuspidatus* Hueber, Syst. Verz. deutschen Zikadinen :268.  
[Listed.]<sup>6</sup>
- 1906 *Oliarius* [sic] *cuspidatus* Schugurov, Zool. Anz. 30: 712. [Listed.]<sup>17</sup>
- 1907 *Oliarius* [sic] *cuspidatus* Oshanin, Verz. Palaeark. Hemip. 2: 239.  
[Listed.]<sup>2,3,4,5,8,10,12,13</sup>
- 1910 *Oliarius cuspidatus* Lambertie, Misc. Ent. 18: 90. [Listed.]<sup>2</sup>

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

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

### **difficilis** Van Duzee

- 1912 *Oliarus difficilis* Van Duzee, Bull. Buffalo Soc. Nat. Sci. Florida<sup>1</sup>  
**10**: 494. [n. sp.]<sup>1</sup> Southern  
 1914 *Oliarus difficilis* Barber, Bull. American Mus. Nat. Hist. States<sup>2</sup>  
**33**: 527. [Listed.]<sup>1</sup>  
 1916 *Oliarus difficilis* Van Duzee, Check List. Hemip. America :79. [Listed.]<sup>2</sup>  
 1917 *Oliarus difficilis* Van Duzee, Cat. Hemip. America :733. [Listed.]<sup>1</sup>  
 1921 *Oliarus difficilis* Osborn, Florida Ent. **5**: 15. [Listed.]<sup>1</sup>  
 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.]<sup>1</sup> :58. [Key.]

### **dimidiatus** Berg

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

### **dingkana** Distant

- 1907 *Oliarus dingkana* Distant, Ann. Mag. Nat. Hist. (7) **19**: Queensland<sup>1</sup>  
 282. [n. sp.]<sup>1</sup>

### **discrepans** Giffard

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

### **dispar** Muir

- 1924 *Oliarus dispar* Muir, Philippine Jour. Sci. **24**: 518; Pl. 1, Java<sup>1</sup>  
 Figs. 9a, 9b. [Illustrated, n. sp.]<sup>1</sup> Krakatau<sup>2</sup>  
 1930 *Oliarus dispar* Muir, Treubia **12**: 30. [Listed.]<sup>1,2,3</sup> Verlaten  
 Island<sup>3</sup>  
 (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: Ceylon<sup>1</sup>  
739. [n. sp.]<sup>1</sup> [Secondary homonym.]

1916 *Adzapala greeni* Distant, Fauna British India 6: 35; Fig. 20. [Described,  
illustrated.]<sup>1</sup>

1925 *Oliarus greeni* Muir, Pan-Pacific Ent. 1: 99. Equals *Adzapala greeni* Dist.

**dividens** Walker

1858 *Cixius dividens* Walker, List. Homop. British Mus. St. Helena<sup>1</sup>  
Suppl. :78. [n. sp.]<sup>1</sup>

1859 *Cixius sanctae-helenae* Stål, Freg. Eugenies Resa :272. [n. sp.]<sup>1</sup>

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.]<sup>1</sup>  
Equals *Cixius santae-helenae* Stål. Equals *Cixius dividens* Walk.

**doddi** Muir

1931 *Oliarus doddi* Muir, Rec. Australian Mus. 18: 64; Fig. 2. Queensland<sup>1</sup>  
[Illustrated, n. sp.]<sup>1</sup>

**dumonti** Muir

1921 *Urvillea dumonti* Muir, Proc. Hawaiian Ent. Soc. 4: 569. Samoa<sup>1</sup>  
[n. sp.]<sup>1</sup> (Polynesia)

1927 *Oliarus dumonti* Muir, Fulgoroidea of Samoa :7.  
[Notes.]<sup>1</sup> 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 Greece<sup>1</sup>  
27: 5. [n. sp.]<sup>1</sup>

1912 *Oliarus elongatus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]<sup>1</sup>

**euphorbiae** Giffard

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

**excelsus** Fowler

1904 *Oliarus excelsus* Fowler, Biologia Centrali-America :92; Mexico<sup>1</sup>  
Pl. X, Figs. 14, 14a. [Illustrated, n. sp.]<sup>1</sup> Lower

1923 *Oliarus excelsus* Van Duzee, Proc. California Acad. Sci. California<sup>2</sup>  
(4) 12: 188. [Listed.]<sup>2</sup>

**exiguus** Muir

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

**exoptatus** Van Duzee

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

*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. Natal<sup>1</sup>  
**12**: 92. [n. sp.]<sup>1</sup> Cape  
1858 *Cixius fasciolatus* Walker, List. Homop. British Mus. Province<sup>2</sup>  
Add. :322. [Listed.]<sup>1</sup>  
1859 *Cixius fasciolatus* Dohrn, Cat. Hemip. :61. [Listed.]<sup>2</sup>  
1866 *Oliarus fasciolatus* Stål, Hemip. Africana **4**: 169. [Described.]<sup>2</sup> Equals  
*Cixius fasciolatus* Stål.

**felis** Kirkaldy

- 1906 *Oliarus felis* Kirkaldy, Bull. Hawaiian Sugar. Pl. Assoc. Queensland<sup>1</sup>  
**1**: 399. [n. sp.]<sup>1</sup> :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.]<sup>1</sup>

**fidus** Van Duzee

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

**filicicola** Kirkaldy

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

*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. Luzon<sup>1</sup>  
1, Figs. 4a, 4b. [n. sp., illustrated.]<sup>1</sup> (Philippine I.)

**fluvidus** Matsumura

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

**formosanus** Matsumura

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

**franciscanus** Stål

- 1859 *Cixius franciscanus* Stål, Freg. Eugenie Resa :273. California<sup>1</sup>  
[n. sp.]<sup>1</sup> Colorado<sup>2</sup>
- 1862 *Oliarus franciscanus* Stål, Berliner Ent. Zeit. **6**: 306. Haiti<sup>3</sup>  
Equals *Cixius franciscanus* Stål. Maryland<sup>4</sup>
- 1876 *Cixius franciscanus* Uhler, Bull. United States Geol. Kansas<sup>5</sup>  
Geog. Surv. **1** (5): 352. [Listed.]<sup>1</sup> Arizona<sup>6</sup>
- 1895 *Oliarus franciscanus* Gillette and Baker, Hemip. Colo- Penn-  
rado :69. [Listed.]<sup>2</sup> sylvania<sup>7</sup>
- 1902 *Oliarus complectus* Ball, Canadian Ent. **34**: 152. [n. Ohio<sup>8</sup>  
sp.]<sup>2,3,4,5,6</sup> Jamaica<sup>9</sup>
- 1904 *Oliarus franciscanus* Swezey, Prelim. Cat. Fulgoridae District of  
North America :30. [Listed.]<sup>2</sup> Columbia<sup>10</sup>
- 1904 *Cixius franciscanus* Swezey, Prelim. Cat. Fulgoridae New York<sup>11</sup>  
North America :26. [Listed.]<sup>1</sup> Florida<sup>12</sup>
- 1904 *Oliarus complectus* Wirtner, Ann. Carnegie Mus. **3**: 215. New Jersey<sup>13</sup>  
[Listed.]<sup>7</sup> North
- 1904 *Oliarus complectus* Swezey, Prelim. Cat. Fulgoridae Carolina<sup>14</sup>  
North America :30. [Listed.]<sup>2,4,5,6</sup> United
- 1907 *Oliarus complectus* Van Duzee, Bull. Buffalo Soc. Nat. States<sup>15</sup>  
Sci. **8**: 33. [Notes.]<sup>2,8,9,10</sup> Pacific
- 1907 *Oliarus complectus* Tucker, Bull. Kansas Univ. Sci. **4**: States<sup>16</sup>  
65. [Listed.]<sup>5</sup> Isle of Pines<sup>17</sup>

- 1908 *Oliarus franciscanus* Kirkaldy, Proc. Hawaiian Ent. Soc. 2: 22. [Notes.]<sup>1</sup> Equals *Cixius franciscanus* Stål. (West Indies) Massa-
- 1908 *Oliarus franciscanus* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia 1907: 486. [Listed.]<sup>1</sup> chusetts<sup>15</sup> Connecticut<sup>19</sup>
- 1908 *Oliarus complectus* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia 1907: 485. [Key.] :488. [Notes.]<sup>5,10,11</sup> Cuba<sup>20</sup> Puerto Rico<sup>21</sup>
- 1909 *Oliarus complectus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 9: 188. [Listed.]<sup>12</sup> Lower California<sup>22</sup>
- 1910 *Oliarus complectus* Smith, Rept. Ins. New Jersey :95. [Listed.]<sup>13</sup> West Indies<sup>23</sup> Utah<sup>24</sup>
- 1914 *Oliarus complectus* Barber, Bull. American Mus. Nat. Hist. 33: 527. [Listed.]<sup>12</sup> Iowa<sup>25</sup> Mexico<sup>26</sup>
- 1914 *Oliarus complectus* Van Duzee, Trans. San Diego Soc. Nat. Hist. 2: 37. [Notes.]<sup>1</sup> Central America<sup>27</sup>
- 1915 *Oliarus complectus* Metcalf, Jour. Elisha Mitchell Soc. 31: 43 (11). [Listed.]<sup>14</sup>
- 1916 *Oliarus complectus* Van Duzee, Check List Hemip. America :79. [Listed.]<sup>15</sup>
- 1916 *Oliarus franciscanus* Van Duzee, Check List Hemip. America :79. [Listed.]<sup>16</sup>
- 1917 *Oliarus complectus* Heidemann and Osborn, Ann. Carnegie Mus. 11: 348. [Listed.]<sup>17</sup>
- 1917 *Oliarus franciscanus* Van Duzee, Proc. California Acad. Sci. 7: 309. [Listed.]<sup>1</sup> Equals *Oliarus complectus* Ball.
- 1917 *Oliarus franciscanus* Van Duzee, Cat. Hemip. America :732. [Listed.]<sup>1,2,4,5,6,7,8,10,11,12,13,15,23</sup> Equals *Cixius franciscanus* Stål. Equals *Oliarus complectus* Ball.
- 1920 *Oliarus complectus* Britton, Check List Ins. Connecticut :46. [Listed.]<sup>19</sup>
- 1921 *Oliarus complectus* Osborn, Florida Ent. 5: 15. [Listed.]<sup>12</sup>
- 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.]<sup>8</sup>
- 1923 *Oliarus franciscanus*[sic] Van Duzee, Fulgoridae Hemip. Connecticut :32. [Key, described.]<sup>15,19</sup> Equals *Oliarus complectus* Ball.
- 1923 *Oliarus franciscanus* Van Duzee, Proc. California Acad. Sci. (4) 12: 188. [Listed.]<sup>22</sup>
- 1926 *Oliarius* [sic] *franciscanus* Osborn, Jour. Econ. Ent. 19: 104. [Notes.]<sup>15,20,23,2</sup>
- 1926 *Oliarus franciscanus* Myers, Contr. Harvard Inst. Trop. Biol. and Med. 3: 84. [Notes.]<sup>20</sup>
- 1926 *Oliarus franciscanus* Osborn, Ann. Ent. Soc. America 19: 354. [Notes.]<sup>15,20,23,27</sup>
- 1926 *Oliarus franciscanus* Gowdey, Bull. Dept. Agr. Jamaica Ent. 4: 40. [Listed.]<sup>9</sup> Equals *Cixius franciscanus* [sic] Stål.
- 1928 *Oliarus franciscanus* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 58. [Key.] :61. [Described.]<sup>15,23</sup> Equals *Cixius franciscanus* Stål.
- 1928 *Oliarus franciscanus* Myers, Studies on Cuban Insects :14. [Listed.]<sup>20</sup>
- 1928 *Oliarus franciscanus* Metcalf, Mem. Cornell Uni. Agr. Exp. Sta. 101: 177. [Listed.]<sup>11</sup>

*Oliarus*

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

**frenatus** Jacobi

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

**frontalis** Melichar

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

**frontalis** var. **basalis** Melichar

- 1905 *Oliarus frontalis basalis* Melichar, Wien. Ent. Zeit. **24**: E. Africa<sup>1</sup>  
 283. [var. n.]<sup>1</sup>

**fulvus** Walker

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

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

**funebri** Walker

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

**furcatus** Signoret

- 1884 *Oliarus furcatus* Signoret, Bull. Soc. Ent. France (6) **4**: Turkestan<sup>1</sup>  
 LXXI. [n. sp.]<sup>1</sup>  
 1886 *Oliarus furcatus* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]<sup>1</sup>

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

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

- 1924 *Oliarus fuscipennis* Muir, Philippine Jour. Sci. 24: 513. East Java<sup>1</sup>  
 [n. sp.]<sup>1</sup> [nom. praeoc.]

**fuscipennis** Stål

- 1855 *Cixius fuscipennis* Stål, Ofv. Svenska Vet. Akad. Forh. Natal<sup>1</sup>  
 12: 92. [n. sp.]<sup>1</sup> Cape  
 1858 *Cixius fuscipennis* Walker, List Homop. British Mus. Province<sup>2</sup>  
 Add. :322. [Listed.]<sup>1</sup>  
 1859 *Cixius fuscipennis* Dohrn, Cat. Hemip. :61. [Listed.]<sup>2</sup>  
 1866 *Oliarus fuscipennis* Stål, Hemip. Africana 4: 168. [Described.]<sup>2</sup> 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: Burma<sup>1</sup>  
 258. [n. sp.]<sup>1</sup>

**geniculatus** Stål

- 1870 *Oliarus geniculatus* Stål, Ofv. Svenska Vet. Akad. Forh. Philippine I.<sup>1</sup>  
 27: 746. [n. sp.]<sup>1</sup>  
 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. [Illus- Islands<sup>1</sup>  
 trated, n. sp.]<sup>1</sup> :64 (14). [Key.] [noman praeoc.]

**goae** Muir

- 1922 *Oliarus goae* Muir, Rec. Indian Mus. 24: 345. [n. sp.]<sup>1</sup> Goa<sup>1</sup>  
 (Portuguese India)

**granulatus** Muir

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

**greeni** Distant

- 1911 *Oliarus greeni* Distant, Ann. Mag. Nat. Hist. (8) 8: 735. Ceylon<sup>1</sup>  
 [n. sp.]<sup>1</sup>

*Oliarus*

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

**hevaheva** Kirkaldy

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

**hirtus** Melichar

- 1904 *Oliarus hirtus* Melichar, Verh. Zool. Bot. Ges. Wien 54: E. Africa<sup>1</sup>  
31. [n. sp.]<sup>1</sup>

**hispanicus** Matsumura

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

**hodgarti** Distant

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

**hopponis** Matsumura

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

**horishanus** Matsumura

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

**hottentottus** Stål

- 1855 *Cixius hottentottus* Stål, Ofv. Svenska Vet. Akad. Forh. Orange Free  
12: 92. [n. sp.]<sup>1</sup> State<sup>1</sup>
- 1858 *Cixius hottentottus* Walker, List Homop. British Mus. Caffraria<sup>2</sup>  
Add. :321. [Listed.]<sup>1</sup> Transvaal<sup>3</sup>
- 1859 *Cixius hottentotus* [sic] Dohrn, Cat. Hemip. :60. Damaraland<sup>4</sup>  
[Listed.]<sup>2</sup>



*Oliarus*

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

**humeralis** Fowler

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

**humilis** Say

- 1830 *Flata humilis* Say, Jour. Acad. Nat. Sci. Philadelphia Penn-  
 6: 241. [n. sp.]<sup>1</sup> sylvania<sup>1</sup>  
 1850 *Poeciloptera* [sic] *humilis* Schaum, Allg. Ency. Ersch North  
 und Gruber 51: 72. [Listed.]<sup>2</sup> Equals *Flata humilis* Say. America<sup>2</sup>  
 1851 *Poeciloptera?* [sic] *humilis* Walker, List Homop. British United  
 Mus. 2: 470. [Listed.]<sup>3</sup> Equals *Flata humilis* Say. States<sup>3</sup>  
 1852 *Poeciloptera?* [sic] *humilis* Walker, List Homop. British New York<sup>4</sup>  
 Museum 4: 1140. Equals *Flata humilis* Say. New Jersey<sup>5</sup>  
 1859 *Flata humilis* Say, Comp. Writings of Thomas Say 2: Ohio<sup>6</sup>  
 376. [n. sp.]<sup>1</sup> Iowa<sup>7</sup>  
 1859 *Poeciloptera?* [sic] *humilis* Dohrn, Cat. Hemip. :66. North  
 [Listed.]<sup>2</sup> Carolina<sup>8</sup>  
 1890 *Oliarus humilis* Van Duzee, Psyche 5: 389. Equals *Flata Eastern*  
*humilis* Say. States<sup>9</sup>  
 1894 *Oliarus humilis* Van Duzee, Bull. Buffalo Soc. Nat. Sci. Ontario<sup>10</sup>  
 5: 190. [Listed.]<sup>4</sup> Connecticut<sup>11</sup>  
 1900 *Oliarus* [sic] *humilis* Smith, Ins. New Jersey 2: 89. Mississippi<sup>12</sup>  
 [Listed.]<sup>5</sup> Maryland<sup>13</sup>  
 1904 *Oliarus humilis* Osborn, Ohio Nat. 4: 100. [Listed.]<sup>6</sup>  
 1904 *Oliarus humilis* Osborn, Proc. Soc. Prom. Agr. Sci. 25: 35. [Economic.]<sup>3</sup>  
 1904 *Oliarus humilis* Swezey, Prelim. Cat. Fulgoridae North America :30.  
 [Listed.]<sup>1,4,5,6,7</sup> Equals *Flata humilis* Say.  
 1904 *Oliarus humilis* Wirtner, Ann. Carnegie Mus. 3: 215. [Listed.]<sup>1</sup>  
 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.]<sup>5</sup>  
 1915 *Oliarus humilis* Metcalf, Jour. Elisha Mitchell Soc. 31: 43 (11). [Listed.]<sup>8</sup>  
 1916 *Oliarus humilis* Van Duzee, Check List Hemip. America :79. [Listed.]<sup>9</sup>  
 1917 *Oliarus humilis* Van Duzee, Cat. Hemip. America :733. [Listed.]<sup>1,4,5,6,10</sup>  
 Equals *Flata humilis* Say. Equals *Poeciloptera* [sic] *humilis* Walk.  
 1920 *Oliarus humilis* Britton, Check-list Ins. Connecticut :46. [Listed.]<sup>11</sup>  
 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.]<sup>6,10,13,11</sup>
- 1924 *Oliarus humilis* Weiss and West, Jour. New York Ent. Soc. **32**: 100. [Listed.]<sup>5</sup>
- 1927 *Flata humilis* Sherborn, Index Animalium **12**: 3061. [Listed.]
- 1928 *Oliarus humilis* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 58. [Key.] :60. [Described.]<sup>1,4,5,6,7,10,12</sup> Equals *Flata humilis* Say.
- 1928 *Oliarus humilis* Metcalf, Mem. Cornell Uni. Agr. Exp. Sta. **101**: 177. [Listed.]<sup>1</sup>
- 1930 *Oliarus humilis* Hendrickson, Iowa State Jour. Sci. **4**: 88. [Ecology.]<sup>7</sup>
- 1931 *Oliarus humilus* Neiswander, Bull. Ohio Agr. Exp. Sta. **473**: 55. [Listed.]<sup>6</sup>

**hyalinipennis** Muir

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

**hyalinus** Fieber

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

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

**iguchii** Matsumura

- 1914 *Oliarus iguchii* Matsumura, Annot. Zool. Japonenses **8**: 419. [n. sp.]<sup>1</sup> Japan<sup>1</sup>

**immaculatus** Giffard

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

**impeditus** Muir

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

*Oliarus***inaequalis** Giffard

- 1925 *Oliarus inaequalis* Giffard, Proc. Hawaiian Ent. Soc. **6**: 136 (86); Pl. VI, Figs. 110, 111. [Illustrated, n. sp.]<sup>1</sup> Hawaiian Islands<sup>1</sup>  
: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.]<sup>1</sup> Hawaiian Islands<sup>1</sup>

**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.]<sup>1</sup> Hawaiian Islands<sup>1</sup>

**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.]<sup>1</sup> Hawaiian Islands<sup>1</sup>

**incerta** Distant

- 1907 *Oliarus lubra* Distant, Ann. Mag. Nat. Hist. (7) **19**: 282. [n. sp.]<sup>1</sup> Queensland<sup>1</sup>  
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. Jentink **29**: 152; Pl. 3, Figs. 2a, b. [n. sp., illustrated.]<sup>1</sup> Java<sup>1</sup>

**inconstans** Giffard

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

**indica** Distant

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

**insignior** Fowler

- 1904 *Oliarus insignior* Fowler, Biologia Centrali-Americana **1**: 95; Pl. X, Figs. 21, 21a, 22. [Illustrated, n. sp.]<sup>1,2</sup> Guatemala<sup>1</sup>  
Panama<sup>2</sup>

**instabilis** Giffard

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

**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.]<sup>1</sup> Hawaiian Islands<sup>1</sup>

**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.]<sup>1</sup> Hawaiian Islands<sup>1</sup>

**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.]<sup>1</sup> Hawaiian Islands<sup>1</sup>

**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.]<sup>1</sup> Hawaiian Islands<sup>1</sup>

**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.]<sup>1</sup> Hawaiian Islands<sup>1</sup>

**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.]<sup>1</sup> Hawaiian Islands<sup>1</sup>

**intermedius** Giffard

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

**interruptus** Haupt

1917 *Oliarus interruptus* Haupt, Wien. Ent. Zeit. 36: 260. [n. sp.]<sup>1</sup> Turkestan<sup>1</sup>

**intertecta** Walker

1870 *Brixia intertecta* Walker, Jour. Linn. Soc. Zool. 10: 114. [n. sp.]<sup>1</sup> New Guinea<sup>1</sup>

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

**kagoshimensis** Matsumura

1914 *Oliarus kagoshimensis* Matsumura, Annot. Zool. Japonenses 8: 429. [n. sp.]<sup>1</sup> Kyushu<sup>1</sup> (Japan)

**kahavalu** Kirkaldy

1909 *Oliarus kahavalu* Kirkaldy, Proc. Hawaiian Ent. Soc. 2: 77. [n. sp.]<sup>1</sup> Hawaii<sup>1</sup> Hawaiian

*Oliarus*

- 1925 *Oliarus kahavalu* Giffard, Proc. Hawaiian Ent. Soc. 6: Islands<sup>2</sup>  
116 (66); Pl. VII, Figs. 116, 117. [Described, illus-  
trated.]<sup>2</sup> :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.]<sup>1</sup> :61  
(11). [Key.] Islands<sup>1</sup>

**kampaspe** Kirkaldy

- 1906 *Oliarus kampaspe* Kirkaldy, Bull. Hawaiian Sugar Pl. Queensland<sup>1</sup>  
Assoc. 1: 398. [n. sp.]<sup>1</sup> :397. [Key.] W. Australia<sup>2</sup>
- 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.]<sup>2</sup>

**kanakanus** Kirkaldy

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

**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.]<sup>1</sup> Islands<sup>1</sup>

**kaohinani** Kirkaldy

- 1909 *Oliarus kaohinani* Kirkaldy, Proc. Hawaiian Ent. Soc. Hawaii<sup>1</sup>  
2: 78, 79. [n. sp.]<sup>1</sup> Hawaiian
- 1925 *Oliarus kaohinani* Giffard, Proc. Hawaiian Ent. Soc. 6: Islands<sup>2</sup>  
119 (69); Pl. VII, Figs. 119, 120. [Described, illus-  
trated.]<sup>2</sup> :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.]<sup>1</sup> Islands<sup>1</sup>

**kaonohi** Kirkaldy

- 1909 *Oliarus kaonohi* Kirkaldy, Proc. Hawaiian Ent. Soc. 2: Hawaii<sup>1</sup>  
77, 78. [n. sp.]<sup>1</sup> Hawaiian

- 1909 *Oliarus silvicola* Kirkaldy, Proc. Hawaiian Ent. Soc. **2**: 78. [n. sp.]<sup>1</sup> Islands<sup>2</sup>
- 1925 *Oliarus kaonohi* Giffard, Proc. Hawaiian Ent. Soc. **6**: 91 (41); Pl. IV, Figs. 61, 62. [Described, illustrated.]<sup>2</sup> 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.]<sup>1</sup> Hawaii<sup>1</sup>  
Hawaiian
- 1925 *Oliarus kauaiensis* Giffard, Proc. Hawaiian Ent. Soc. **6**: 123 (73); Pl. VI, Figs. 90, 91. [Described, illustrated.]<sup>2</sup> Islands<sup>2</sup>  
:65 (15). [Key.]
- kaumuahona** Giffard
- 1925 *Oliarus kaumuahona* Giffard, Proc. Hawaiian Ent. Soc. **6**: 77 (27); Pl. III, Figs. 42, 43. [Illustrated, n. sp.]<sup>1</sup> :61 Hawaii  
(11). [Key.] Islands<sup>1</sup>
- kempi** Muir
- 1922 *Oliarus kempi* Muir, Rec. Indian Mus. **24**: 344. [n. sp.]<sup>1</sup> India<sup>1</sup>
- kierpurensis** Muir
- 1922 *Oliarus kierpurensis* Muir, Rec. Indian Mus. **24**: 344. India<sup>1</sup>  
[n. sp.]<sup>1</sup>
- 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.]<sup>1</sup> :61. (11). [Key.] Islands<sup>1</sup>
- koae** Giffard
- 1925 *Oliarus koae* Giffard, Proc. Hawaiian Ent. Soc. **6**: 130 Hawaii<sup>1</sup>  
(80); Pl. VI, Fig. 103. [n. sp., illustrated.]<sup>1</sup> :65 (15).  
[Key.]
- koanoa** Kirkaldy
- 1902 *Oliarus koanoa* Kirkaldy, Fauna Hawaïiensis **3**: 124; Pl. Hawaii<sup>1</sup>  
IV, Fig. 11. [n. sp., illustrated.]<sup>1</sup> :120. [Key.] :99. Hawaii  
[Listed.] Islands<sup>2</sup>
- 1907 *Oliarus koanoa* Swezey, Proc. Hawaiian Ent. Soc. **1**: 83.  
[Life history notes.]<sup>1</sup>
- 1908 *Oliarus koanoa* Kirkaldy, Proc. Hawaiian Ent. Soc. **1**: 201. [Listed.]<sup>1</sup>
- 1909 *Oliarus koanoa* Kirkaldy, Proc. Hawaiian Ent. Soc. **2**: 78, 79. [Key.]<sup>1</sup>
- 1925 *Oliarus koanoa* Giffard, Proc. Hawaiian Ent. Soc. **6**: 72 (22); Pl. I, Fig. 2; Pl. III, Figs. 34, 35. [Described, illustrated.]<sup>2</sup> :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.]<sup>1</sup> :63 (13). [Key.] Hawaiian Islands<sup>1</sup>

**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.]<sup>1</sup> :64 (14). [Key.] Hawaiian Islands<sup>1</sup>

**coursengensis** Distant

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

**lacteipennis** Fowler

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

**lactescens** Hesse

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

**laertes** Kirkaldy

- 1906 *Oliarus laertes* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **1**: 398. [n. sp.]<sup>1</sup> :397. [Key.] New South Wales<sup>1</sup>  
 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.]<sup>1</sup> :64 (14). [Key.] Hawaiian Islands<sup>1</sup>

**laratensis** Muir

- 1924 *Oliarus laratensis* Muir, Philippine Jour. Sci. **24**: 526; Pl. 2, Figs. 20a, 20b. [Illustrated, n. sp.]<sup>1,2</sup> Larat Island<sup>1</sup>  
 Timor Laut Island<sup>2</sup>

**laticeps** Melichar

- 1899 *Oliarius* [sic] *laticeps* Melichar, Wien Ent. Zeit **18**: 178. [n. sp.]<sup>1</sup> Tunis<sup>1</sup>  
 Turkestan<sup>2</sup>  
 1899 *Oliarus laticeps* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]<sup>2,3</sup> Algeria<sup>3</sup>  
 1907 *Oliarius* [sic] *laticeps* Oshanin, Verz. Palaeark. Hemip. **2**: 238. [Listed.]<sup>3,1</sup>  
 1912 *Oliarus laticeps* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]<sup>3,1</sup>

**latifrons** Walker

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

**latipennis** Jacobi

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

**latus** Melichar

- 1905 *Oliarus latus* Melichar, Wien. Ent. Zeit. 24: 281. [n. sp.]<sup>1</sup> E. Africa<sup>1</sup>

**leporina** Linné

- 1761 *Cicada leporina* Linné, Fauna Suecica :242. [n. sp.]<sup>1</sup> Sweden<sup>1</sup>
- 1767 *Cicada leporina* Linné, Syst. Nat. 12: 711. [Described.]<sup>3</sup> Austria<sup>2</sup>
- 1778 *Cicada leporina* Goeze, Ent. Beyträge 2: 141. [Listed.] Europe<sup>3</sup>
- 1781 *Cicada leporina* Schrank, Enum. Ins. Aus. :260. [Described.]<sup>2</sup> Great Britain<sup>4</sup>
- 1789 *Cicada leporina* Gmelin, Linné Syst. Nat. 1 (4): 2114. [Described.]<sup>3</sup> Ireland<sup>5</sup>  
Spain<sup>6</sup>
- 1789 *Cicada leporina* Devillers, Linn. Ent. :465. [Described.]<sup>3</sup> Italy<sup>7</sup>
- 1803 *Cicada leporina* Fabricius, Systema Rhyng. :52. To *Flata villosa* Fabr. [error.] Germany<sup>8</sup>  
England<sup>9</sup>
- 1804 *Cicada leporina* Latreille, Hist. Nat. Ins. 12: 312. [Note.] Finland<sup>10</sup>  
France<sup>11</sup>
- 1806 *Cicada leporina* Fallén, Vet. Akad. Handl. 27: 126. To *Delphax cynosbatis* Fabr. [error.] Belgium<sup>12</sup>  
Czecho-
- 1826 *Cicada leporina* Fallén, Hemip. Sueciae :72. To *Flata cunicularis* Fall. [error.] slovakia<sup>13</sup>  
Asia Minor<sup>14</sup>
- 1828 *Cicada leporina* Zetterstedt, Fauna Ins. Lapponia :547. To *Cixius cynosbatis* Fabr. [error.] West China<sup>15</sup>  
Turkestan<sup>16</sup>
- 1829 *Cixius leporinus* Curtis, Guide Arrang. British Ins. :194. [Listed.]<sup>1,5</sup> W. Prussia<sup>17</sup>  
Hungary<sup>18</sup>
- 1829 *Cixius leporinus* Stephens, Cat. British Ins. :356. [Listed.]<sup>9</sup> Equals *Cicada leporina* Linn. Rumania<sup>19</sup>  
Switzerland<sup>20</sup>
- 1830 *Flata leporina* Germar, Thon Archiv 2: 50. [Described.]<sup>1</sup> Algeria<sup>21</sup>  
Tunis<sup>22</sup>
- 1834 *Cixius leporinus* Costa, Cenni Zool. :83. [Listed.]<sup>7</sup> Palearctic
- 1835 *Flata leporinus* Herrich-Schäffer, Nom. Ent. 1: 105. [Listed.] Equals *Cicada leporina* Linn. :64. [Key.] Region<sup>23</sup>  
Albania<sup>24</sup>
- 1837 *Cixius leporinus* Curtis, Guide Arrang. British Ins. Ed. 2: 223. [Listed.]<sup>1</sup> Finland<sup>25</sup>  
Armenia<sup>26</sup>
- 1837 *Flata leporina* Gistel, Cicaden München :107 (12). [Listed.]<sup>3</sup> Denmark<sup>27</sup>  
Crimea<sup>28</sup>



*Oliarus*

- 1837 *Cixius leporinus* Curtis, British Ent. 14: Pl. 673. Russia<sup>29</sup>  
[Listed.]<sup>9</sup> Greece<sup>30</sup>
- 1837 *Flata leporina* Herrich-Schäffer, Deutschlands Ins. 144: Netherlands<sup>31</sup>  
14. [Described, illustrated.] Isle of
- 1839 *Cixius leporina* Spinola, Ann. Soc. Ent. France 8: 324. Wight<sup>32</sup>  
[Listed.]<sup>9</sup> 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.]<sup>7</sup>
- 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.]<sup>11</sup> 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.]<sup>11</sup>  
Equals *Cicada leporinus* Linn. Equals *Flata cunicularius* Panz. Equals  
*Flata stigmaticus* Germ.
- 1850 *Cixius leporinus* Schaum, Allg. Ency. Ersch und Gruber 51: 68. [Listed.]<sup>3</sup>  
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.]<sup>9</sup>  
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.]<sup>11</sup>
- 1857 *Cixius leporinus* Costa, O. G., Fauna Regno Napoli :4. [Described.]
- 1859 *Cixius leporinus* Dohrn, Cat. Hemip. :60. [Listed.]<sup>3</sup>
- 1860 *Cixius leporinus* Walker, List British Hemip. :16. [Listed.]<sup>9</sup>
- 1862 *Cixius leporinus* Curtis, Homop. British Ent.: Pl. 673. [Listed.]<sup>9</sup>
- 1866 *Cixius leporinus* Marshall, Ent. Monthly Mag. 3: 118. [Listed.]<sup>9</sup>
- 1870 *Oliarus pallidus* Scott [nec Herrich-Schäffer], Ent. Monthly Mag. 7: 119.  
[Described.]<sup>9</sup>
- 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.]<sup>10</sup>  
Equals *Cicada leporinus* Linn. Equals *Flata pallida* H.-S. [error.] Equals  
*Pentastiridius pallens* Kb. [error.]
- 1872 *Oliarus leporinus* Fieber, Kat. Europäischen Cicad. :3. [Listed.]<sup>3</sup>
- 1875 *Oliarus leporinus* Puton, Cat. Hémp. d'Europe 2 Ed. :114. [Listed.]<sup>3</sup>
- 1876 *Oliarus pallidus* Douglas and Scott [nec Herrich-Schäffer], Cat. British  
Hemip.-Homop. :65. [Listed.]<sup>4</sup> 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.]<sup>9</sup>  
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.]<sup>11</sup>
- 1881 *Oliarus leporinus* Mayr, Ber. Natur.-Med. Ver. Innsbruck 10: 85 (9). [Listed.]<sup>2</sup>
- 1882 *Oliarus leporinus* Reuter, Zool. Jahrb. Syst. 2: 283. [Listed.]<sup>10</sup> 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.]<sup>3</sup>
- 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.]<sup>1</sup> 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.]<sup>3</sup> Equals *Oliarus pallidus* H.-S. [error.]
- 1887 *Oliarus leporinus* Saunders, Ent. Monthly Mag. 24: 92. [Listed.]<sup>9</sup>
- 1888 *Oliarus leporinus* Costa, Atti Acc. Sci. Napoli (2) 1 (9): 39. [Listed.]<sup>7</sup>
- 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.]<sup>1</sup> 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.]<sup>11</sup>
- 1890 *Oliarus leporinus* Saunders and Edwards, Cat. British Hemip. :11. [Listed.]<sup>4</sup> Equals *Oliarus pallidus* H.-S. [error.]
- 1892 *Oliarus leporinus* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>12</sup>
- 1892 *Oliarus leporinus* Duda, Cat. Ins. Faunae Bohemicae :27. [Listed.]<sup>13</sup> Equals *Oliarus pallidus* H.-S. [error.]
- 1892 *Oliarus leporinus* Ferrari, Ann. Mus. Genova (2) 12: 568 (20). [Listed.]<sup>7</sup>
- 1894 *Oliarus leporinus* Edwards, Hemip.-Homop. British Islands Pt. 1: 23; Pl. 3, Fig. 6. [Described, illustrated, key.]<sup>1</sup>

*Oliarus*

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

*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.]<sup>1</sup> :65 (15). Islands<sup>1</sup>  
[Key.]

### likelike Giffard

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

### lilinoe Kirkaldy

1907 *Oliarus lilinoe* Kirkaldy, Bull. Hawaiian Sugar Pl. Queensland<sup>1</sup>  
Assoc. **3**: 108. [n. sp.]<sup>1</sup> [Key.] :12. [Listed.]

### limbatus Fieber

1872 *Oliarus limbatus* Fieber, Kat. Europäischen Cicad. :3. Spain<sup>1</sup>  
[Listed.]<sup>1</sup> [nom. nud.] Portugal<sup>2</sup>

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

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

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

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

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

1912 *Oliarus limbatus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]<sup>1,2</sup>

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

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

### limbifer Hesse

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

### longicauda Muir

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

### longipennis Melichar

1911 *Oliarus longipennis* Melichar, Bull. Mus. Hist. Nat. Ethiopia<sup>1</sup>  
Paris **1911**: 114. [n. sp.]<sup>1</sup>

### longulus Muir

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

*Oliarus***lubra** Kirkaldy

- 1906 *Oliarus lubra* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Queensland<sup>1</sup>  
1: 400. [n. sp.]<sup>1</sup> :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.]<sup>1</sup> :12. [Listed.] Viti Levu<sup>1</sup>  
(Fiji I.)

*lubra* Distant. See *Oliarus incerta* Distant.

**lucidipes** Muir

- 1924 *Oliarus lucidipes* Muir, Philippine Jour. Sci. 24: 512, Basilan<sup>1</sup>  
Pl. I, Figs. 3a, b. [Illustrated, n. sp.]<sup>1,2,3,4</sup> Mindanao<sup>2</sup>  
Luzon<sup>3</sup>  
Penang<sup>4</sup>  
(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.]<sup>1</sup> :161. [Key.] [nom Carolina<sup>1</sup>  
praeoc.]
- 1928 *Oliarus vitreus* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 65.  
[Described.]<sup>1</sup>

**lugubris** Fieber

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

**lunata** Fabricius

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

**lutescens** Fieber

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

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

**maculifrons** Walker

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

**maculipennis** Muir

- 1924 *Oliarus maculipennis* Muir, Philippine Jour. Sci. 24: Larat Island<sup>1</sup>  
 519; Pl. 2, Fig. 11. [Illustrated, n. sp.]<sup>1,2</sup> Timor Laut<sup>2</sup>

**maculosus** Hesse

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

**major** Kirschbaum

- 1868 *Pentastira major* Kirschbaum, Cicad. Wiesbaden :44. Hungary<sup>1</sup>  
 [n. sp.]<sup>1</sup> Greece<sup>2</sup>
- 1872 *Oliarus roridus opalinus* Fieber, Kat. Europäischen Albania<sup>3</sup>  
 Cicad. :3. [Listed.]<sup>2</sup> [nom. nud.] Equals *Pentastira major* Syria<sup>4</sup>  
 Kb. Turkey<sup>5</sup>
- 1872 *Oliarus roridus opalina* Fieber, Verh. Zool. Bot. Ges. Asia Minor<sup>6</sup>  
 Wien 22: 29. Equals *Pentastira major* Kb. Trans-
- 1875 *Oliarus roridus major* Puton, Cat. Hémip. d'Europe 2 caucasus<sup>7</sup>  
 Ed. :113. [Listed.]<sup>2,5</sup> Equals *Oliarus opalinus* Fieb. S. E. Europe<sup>8</sup>
- 1876 *Oliarus roridus opalinus* Fieber, Cicad. d'Europe Pt. 2: Caucasus<sup>9</sup>  
 202 (192). [var. n.]<sup>1,3,4</sup> Equals *Pentastiridius major* Kb. Armenia<sup>10</sup>
- 1876 *Oliarus roridus maculatus* Fieber, Cicad. d'Europe Pt. 2: Crete<sup>11</sup>  
 201 (191). [var. n.]

*Oliarus*

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

**major** var. **roridus** Fieber

- 1872 *Oliarus roridus* Fieber, Kat. Europäischen Cicad. :3. Russia<sup>1</sup>  
 [Listed.]<sup>1</sup> [nom. nud.]<sup>1</sup> Greece<sup>2</sup>
- 1875 *Oliarus roridus* Puton, Cat. Hemip. d'Europe 2 Ed. Corfu<sup>3</sup>  
 :113. [Listed.]<sup>1</sup> [nom. nud.] Turkey<sup>4</sup>
- 1876 *Oliarus roridus* Fieber, Cicad. d'Europe Pt. 2: 202 (192). Hungary<sup>5</sup>  
 [n. sp.]<sup>1,2,3,4,5,10</sup> Armenia<sup>6</sup>
- 1884 *Oliarus roridus* Mayr, Tabellen :17. [Listed.]<sup>5</sup> S. Europe<sup>7</sup>
- 1885 *Oliarus roridus* Ivanoff, Liste des Cigales :110. [Key.] Germany<sup>8</sup>
- 1886 *Oliarus roridus* Puton, Cat. Hémip. Faune Pal. :69. Asia Minor<sup>9</sup>  
 [Listed.]<sup>1,5</sup> Syria<sup>10</sup>
- 1891 *Oliarus roridus* Horváth, Rev. Ent. **10**: 74. [Listed.]<sup>6</sup> Caucasus<sup>11</sup>
- 1896 *Oliarius* [sic] *roridus* Melichar, Cicad. Mittel-Europa Afghanistan<sup>12</sup>  
 :30. [Described.]<sup>5,7,8</sup> :29. [Key.]
- 1897 *Oliarus major roridus* Horváth, Fauna Regni Hungariae :54. [Listed.]<sup>5</sup>
- 1899 *Oliarus major roridus* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]<sup>1,5</sup>
- 1907 *Oliarius* [sic] *major roridus* Oshanin, Verz. Palaeark. Hemip. **2**: 236.  
 [Listed.]<sup>1,2,3,5,9,10,11</sup> Equals *Oliarius* [sic] *roridus* Fieb.
- 1912 *Oliarus major roridus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]<sup>12</sup>

**makaala** Giffard

- 1925 *Oliarus makaala* Giffard, Proc. Hawaiian Ent. Soc. **6**: 87 Hawaiian I.<sup>1</sup>  
 (37); Pl. IV, Figs. 54, 55. [n. sp., illustrated.]<sup>1</sup> :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.]<sup>1</sup> Territory<sup>1</sup>

**mauiensis** Giffard

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

**melanesica** Kirkaldy

- 1907 *Urvillea melanesica* Kirkaldy, Bull. Hawaiian Sugar Pl. Fiji<sup>1</sup>  
Assoc. 3: 110. [n. sp.]<sup>1</sup> :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. Russia<sup>1</sup>  
:3. [Listed.]<sup>1,2</sup> [nom. nud.] France<sup>2</sup>  
1875 *Oliarus melanochaetus* Puton, Cat. Hémipt. d'Europe 2 Russia<sup>3</sup>  
Ed. :113. [Listed.]<sup>2,3</sup> [nom. nud.] Italy<sup>4</sup>  
1876 *Oliarus melanochaetus* Fieber, Cicad. d'Europe Pt. 2: Germany<sup>5</sup>  
198 (188). [n. sp.]<sup>1,2</sup> S. Europe<sup>6</sup>  
1882 *Oliarus melanochoetus* [sic] Ferrari, Cicad. Agri Ligustici Crimea<sup>7</sup>  
:83 (11). [Key.] Austria<sup>8</sup>  
1882 *Oliarus melanochaetus* Ferrari, Cicad. Agri Ligustici :83 Yugoslavia<sup>9</sup>  
(11). [Listed.]<sup>1</sup> Hungary<sup>10</sup>  
1883 *Oliarus melanochaetus* Löw, Wien. Ent. Zeit. 2: 60. Rumania<sup>11</sup>  
[Listed.]<sup>2,3</sup> Caucasus<sup>12</sup>  
1886 *Oliarus melanochaetus* Puton, Cat. Hémipt. Faune Pal.  
:69. [Listed.]<sup>2,3,4,5,8</sup>  
1892 *Oliarus melanochaetus* Ferrari, Ann. Mus. Genova (2) 12: 568 (20).  
[Listed.]<sup>1</sup>  
1896 *Oliarius* [sic] *melanochaetus* Melichar, Cicad. Mittel-Europa :30. [De-  
scribed.]<sup>6,8</sup> :29. [Key.]  
1897 *Oliarus melanochaetus* Horváth, Fauna Regni Hungariae :54. [Listed.]<sup>10</sup>  
1899 *Oliarus melanochaetus* Puton, Cat. Hémipt. Faune Pal. :103. [Listed.]<sup>2,3,4,</sup>  
<sup>5,8</sup>  
1903 *Oliarus melanochaetus* Lambertie, Act. Soc. Linn. Bordeaux 58: (2).  
[Listed.]<sup>2</sup>  
1904 *Oliarus melanochatatus* [sic] Lambertie, Act. Soc. Linn. Bordeaux 59:  
XXX (14). [Listed.]<sup>2</sup>  
1904 *Oliarus melanochaetus* Hueber, Syst. Verz. deutschen Zikadinen :268.  
[Listed.]<sup>5</sup>  
1906 *Oliarius* [sic] *melanochaetus* Schuguwrow, Zool. Anz. 30: 711. [Listed.]<sup>7</sup>  
1907 *Oliarius* [sic] *melanochaetus* Oshanin, Verz. Palaeark. Hemip. 2: 235.  
[Listed.]<sup>1,2,4,8,9,10,11,12</sup>  
1910 *Oliarus melanochaetus* Lambertie, Misc. Ent. 18: 89. [Listed.]<sup>2</sup>  
1912 *Oliarus melanochaetus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]<sup>6,12</sup>  
1914 *Oliarus melanochaetus* Melichar, Mitt. Kaukasischen Mus. 8: 133 (7).  
[Listed.]<sup>12</sup>



*Oliarus*

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

**melanochaetus** var. **fasciatus** Kusnezov

- 1928 *Oliarus melanochaetus fasciatus* Kusnezov, Ent. Nachrichtenblatt 2: 52. [n. var.]<sup>1</sup>      Caucasus<sup>1</sup>

*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. Armenia<sup>1</sup>  
7: 13. [n. sp.]<sup>1,2</sup>      Russia<sup>2</sup>

**minutus** Matsumura

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

**modestus** Haupt

- 1927 *Oliarus modestus* Haupt, Homop. Palestine 1: 8. [n. sp.]<sup>1</sup>      Palestine<sup>1</sup>

**modicus** Walker

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

**moestus** Stål

- 1885 *Cixius moestus* Stål, Ofv. Svenska Vet. Akad. Forh. 12: Natal<sup>1</sup>  
92. [n. sp.]<sup>1</sup>      Cape
- 1858 *Cixius moestus* Walker, List. Homop. British Mus. Add. Province<sup>2</sup>  
:322. [Listed.]<sup>1</sup>
- 1859 *Cixius moestus* Dohrn, Cat. Hemip. :61. [Listed.]<sup>2</sup>
- 1862 *Oliarus moestus* Stål, Berliner Ent. Zeit. 6: 306. Equals *Cixius moestus*  
Stål.
- 1866 *Oliarus moestus* Stål, Hemip. Africana 4: 169. [Described.]<sup>2</sup> 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.]<sup>1,2</sup> :160.      Carolina<sup>1</sup>  
[Key.]      Virginia<sup>2</sup>

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

*Oliarus***natalensis** Stål

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

**neomorai** Giffard

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

**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.]<sup>1</sup> Hawaiian  
Islands<sup>1</sup>

**nemoricola** Kirkaldy

- 1909 *Oliarus nemoricola* Kirkaldy, Proc. Hawaiian Ent. Soc. 2: 79. [n. sp.]<sup>1</sup> Hawaii<sup>1</sup>  
Hawaiian
- 1925 *Oliarus nemoricola* Giffard, Proc. Hawaiian Ent. Soc. 6: 148 (98). [Described.]<sup>2</sup> Islands<sup>2</sup>

**neotarai** Giffard

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

**niger** Giffard

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

**nigro-alutaceus** Fowler

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

**nigrofurcatus** Signoret

- 1884 *Oliarus nigrofurcatus* Signoret, Bull. Soc. Ent. France (6) 4: lxxii. [n. sp.]<sup>1</sup> Turkestan<sup>1</sup>  
Afghanistan<sup>2</sup>
- 1886 *Oliarus nigrofurcatus* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]<sup>1</sup> Persia<sup>3</sup>  
Iraq<sup>4</sup>
- 1899 *Oliarus nigrofurcatus* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]<sup>1</sup> Caucasus<sup>5</sup>
- 1902 *Oliarius* [sic] *nigrofurcatus* Melichar, Ann. Mus. St. Petersburg 7: 87 (12). [Listed.]<sup>2,3</sup>

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

**nigrofurcatus** var. **fumatus** Melichar

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

**nigrosignatus** Melichar

- 1908 *Oliarius nigrosignatus* Melichar, Čas. České Spol. Ent. East Africa<sup>1</sup>  
 5: 8. [n. sp.]<sup>1</sup>

**nosibeaneus** Jacobi

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

**nubigenus** Kirkaldy

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

**nuwarae** Distant

- 1911 *Oliarius nuwarae* Distant, Ann. Mag. Nat. Hist. (8) 8: Ceylon<sup>1</sup>  
 737. [n. sp.]<sup>1</sup>  
 1916 *Oliarius nuwarae* Distant, Fauna British India 6: 32; Fig. 18. (1). [Described, illustrated.]<sup>1</sup>  
 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 *Hyalesthes obsoletus* Signoret.

**obscurus** Signoret

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

*Oliarus*

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

**ogasawarensis** Matsumura

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

**olympus** Giffard

- 1925 *Oliarus olympus* Giffard, Proc. Hawaiian Ent. Soc. 6: Hawaii<sup>1</sup>  
106 (56); Pl. V, Figs. 78, 79; Pl. VI, Fig. 109. [n. sp.,  
illustrated.]<sup>1</sup> :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.]<sup>1</sup> Islands<sup>1</sup>

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

**oppositus** Walker

- 1851 *Cixius oppositus* Walker, List Homop. British Mus. 2: New Zealand<sup>1</sup>  
345. [n. sp.]<sup>1</sup>
- 1858 *Cixius marginalis* Walker, List Homop. British Mus. Suppl. :82. [n. sp.]<sup>1</sup>
- 1859 *Cixius oppositus* Dohrn, Cat. Hemip. :60. [Listed.]<sup>1</sup>
- 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.]<sup>1</sup> Equals  
*Cixius oppositus* Walk.

- 1879 *Oliarus marginalis* White, Ent. Monthly Mag. **15**: 216. [Listed.]<sup>1</sup> Equals *Cixius marginalis* Walk.
- 1898 *Oliarus oppositus* Hutton, Trans. New Zealand Inst. **30**: 186. [Described.]<sup>1</sup> Equals *Cixius oppositus* Walk.
- 1898 *Oliarus marginalis* Hutton, Trans. New Zealand Inst. **30**: 186. [Described.]<sup>1</sup> Equals *Cixius marginalis* Walk.
- 1904 *Oliarus oppositus* Hutton, Index Faunae Novae Zealandiae :225. [Listed.]<sup>1</sup>
- 1904 *Oliarus marginalis* Hutton, Index Faunae Novae Zealandiae :225. [Listed.]<sup>1</sup>
- 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.]<sup>1</sup> 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.]<sup>1</sup> Equals *Cixius marginalis* Walk.
- 1927 *Oliarus oppositus* Tillyard, Ins. Australia and New Zealand. :166. [Living in ant's nest.]<sup>1</sup>

**opuna** Kirkaldy

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

**orono** Kirkaldy

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

**orono** var. **molokaiensis** Kirkaldy

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

**oryzae** Matsumura

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

**pachyceps** Matsumura

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

**pallens** Germar

- 1821 *Flata pallens* Germar, Mag. Ent. 4: 101. [n. sp.]<sup>1</sup> Taurus Mts.<sup>1</sup>
- 1830 *Flata pallens* Germar, Thon Archiv 2: 49. [Described.]<sup>1</sup> (Turkey)
- 1835 *Flata pallens* Herrich-Schäffer, Nom. Ent. 1: 105. Germany<sup>2</sup>  
[Listed.] Europe<sup>3</sup>
- 1835 *Cixia pallens* Burmeister, Handb. Ent. 2 (1): 158. S. Europe<sup>4</sup>  
Equals *Flata pallens* Germ. Spain<sup>5</sup>
- 1835 *Flata pallidus* Herrich-Schäffer, Nom. Ent. 1: 64. [n. sp.] France<sup>6</sup>  
:105. [Listed.] Hungary<sup>7</sup>
- 1837 *Cixia pallida* Eversmann, Bull. Soc. Nat. Moscou 10: Austria<sup>8</sup>  
34. [Listed.] Switzerland<sup>9</sup>
- 1838 *Flata pallida* Herrich-Schäffer, Deutschlands Insecten Persia<sup>10</sup>  
154: 4. [Described, illustrated.] Turkestan<sup>11</sup>
- 1839 *Cixius pallida* Spinola, Ann. Soc. Ent. France 8: 327. Italy<sup>12</sup>  
[Listed.]<sup>3</sup> Rumania<sup>13</sup>
- 1850 *Cixius pallidus* Schaum, Allg. Ency. Ersch und Gruber Algeria<sup>14</sup>  
51: 68. [Listed.]<sup>3</sup> Equals *Flata pallidus* H.-S. S. Russia<sup>15</sup>
- 1850 *Cixius pallens* Schaum, Allg. Ency. Ersch und Gruber Caucasus<sup>16</sup>  
51: 68. [Listed.]<sup>3</sup> Equals *Flata pallens* Germ. Russia<sup>17</sup>
- 1851 *Cixius pallens* Walker, List Homop. British Mus. 2: 342. Armenia<sup>18</sup>  
[Listed.] Equals *Flata pallens* Germ. England<sup>19</sup>

- 1851 *Cixius pallidus* Walker, List Homop. British Mus. 2: 340. [Listed.]<sup>2</sup> Equals *Flata pallida* H.-S. Crimea<sup>20</sup>  
Czecho-
- 1857 *Cixius pallidus* Perris, Ann. Soc. Linn. Lyon 4: 169 (89). slovakia<sup>21</sup>  
[Listed.]<sup>6</sup> Egypt<sup>22</sup>
- 1859 *Cixius pallens* Dohrn, Cat. Hemip. :60. [Listed.]<sup>2</sup> Portugal<sup>23</sup>
- 1859 *Cixius pallidus* Dohrn, Cat. Hemip. :60. [Listed.]<sup>3</sup> Bohemia<sup>24</sup>
- 1862 *Oliarus pallidus* Stål, Berliner Ent. Zeit. 6: 306. Equals  
*Cixius pallidus* H.-S.
- 1868 *Pentastiridius pallens* Kirschbaum, Cicad. Wiesbaden :46. [Key.]<sup>2</sup>
- 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.]<sup>4</sup> Equals  
*Pentastiridius pallens* Kb.
- 1872 *Oliarus pallidus* Fieber, Kat. Europäischen Cicad. :3. [Listed.]<sup>3</sup> 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.]<sup>4</sup>
- 1875 *Oliarus pallidus* Puton, Cat. Hémip. d'Europe 2 Ed. :113. [Listed.]<sup>3</sup>
- 1876 *Oliarus pallens* Fieber, Cicad. d'Europe Pt. 2: 206 (196). [Key.]<sup>1,2,6,7,12,17</sup>  
Equals *Flatta* [sic] *pallens* Germ. Equals *Pentastiridius pallens* Kb.
- 1876 *Oliarus pallidus* Fieber, Cicad. d'Europe Pt. 2: 207 (197). [Key.]<sup>2,6,8,9,15,19</sup>  
Equals *Flata pallida* H.-S.
- 1876 *Oliarus pallidus* Douglas and Scott, Cat. British Hemip. :65. [Listed.]<sup>19</sup>  
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.]<sup>5</sup>
- 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.]<sup>6</sup>
- 1881 *Oliarus pallidus* Mayr, Ber. Natur.-Med. Ver. Innsbruck 10: 85 (9).  
[Listed.]<sup>8</sup>
- 1882 *Oliarus pallidus* Ferrari, Cicad. Agri Ligustici :83 (11). [Key.]<sup>6</sup>
- 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.]<sup>2,6,7</sup>
- 1884 *Oliarus pallidus* Mayr, Tabellen :17. [Listed.]<sup>2,6,8,9</sup>
- 1885 *Oliarus pallens* Ivanoff, Liste des Cigales :110. [Key.]



*Oliarus*

- 1886 *Oliarus pallens* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]<sup>4</sup>
- 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.]<sup>4,8,21</sup>
- 1886 *Oliarus pallidus* Then, Kat. österreichischen Cicad. :11. [Listed.]<sup>8,21</sup>
- 1888 *Oliarus pallens* Costa, Atti Acc. Sci. Napoli (2) 1 (9) :39. [Listed.]<sup>2</sup>
- 1890 *Oliarus pallens* Funk, Ber. Nat. Ges. Bamberg 15: 139. [Listed.]<sup>2</sup>
- 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.]<sup>24</sup>
- 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.]<sup>2,3,4,8</sup> Equals *Flata pallens* Germ. Equals *Pentastiridius pallens* Kb. :29. [Key.]
- 1897 *Oliarus pallens* Horváth, Fauna Regni Hungariae :55. [Listed.]<sup>7</sup>
- 1899 *Oliarus pallens* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]<sup>4</sup>
- 1899 *Oliarus pallidus* Puton, Cat. Hémip. Faune Pal. :103. To *Oliarus leporinus* Linn. [error.]
- 1900 *Oliarus pallens* Fokker, Tijdschr. Ent. 42: 25. [Listed.]<sup>14</sup>
- 1902 *Oliarius* [sic] *pallens* Melichar, Ann. Mus. St. Petersburg 7: 87 (12). [Listed.]<sup>10</sup>
- 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.]<sup>11</sup>
- 1904 *Oliarus pallens* Hueber, Syst. Verz. deutschen Zikadinen :268. [Listed.]<sup>2</sup>
- 1904 *Oliarus pallidus* Hueber, Syst. Verz. deutschen Zikadinen :268. To *Oliarus leporinus* Linn. [error.]
- 1906 *Oliarius* [sic] *pallens* Schuguwrow, Zool. Anz. 30: 711. [Listed.]<sup>20</sup>
- 1907 *Oliarius* [sic] *pallens* Oshanin, Verz. Palaeark. Hemip. 2: 237. [Listed.]<sup>2,6,7,8,10,11,12,13,14,15,16</sup> 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.]<sup>22</sup>
- 1912 *Oliarus pallens* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]<sup>3,4,10,11,14,16</sup> Equals *Oliarus pallidus* H.-S.
- 1913 *Oliarius* [sic] *pallens* Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]<sup>8</sup>

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

*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; Luzon<sup>1</sup>  
 Pl. 2, Fig. 15. [n. sp., illustrated.]<sup>1</sup>

### **pallidiolus** Matsumura

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

*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. Hawaii<sup>1</sup>  
**2**: 79. [n. sp.]<sup>1</sup> Hawaiian I.<sup>2</sup>  
 1925 *Oliarus paludicola* Giffard, Proc. Hawaiian Ent. Soc.  
**6**: 148 (98). [Described.]<sup>2</sup>

### **panzeri** Löw

- 1799 *Cicada leporina* Panzer, [nec Linné], Faunae Ins. Germanica **61**: 19. [Described, illustrated.]<sup>5</sup> Europe<sup>1</sup>  
 Great Britain<sup>2</sup>  
 1828 *Cixius leporinus* Boitard, [nec Linné], Man. Ent. Hist. France<sup>3</sup>  
 Nat. Ins. **2**: 155. [Described.]<sup>1</sup> Equals *Cicada leporina* Germany<sup>1</sup>  
 Panz. Austria<sup>5</sup>  
 1843 *Cixius leporinus* Boitard, [nec Linné], Nouveau Man. Ent. **3**: 83. [Described.]<sup>1</sup> Equals *Cicada leporina* Panz. Tunisia<sup>6</sup>  
 1850 *Cercopis leporinus* Schaum, [Panz. nec Linné], Allg. Italy<sup>7</sup>  
 Ency. Ersch und Gruber **51**: 68. To *Cixius leporinus* Serbia<sup>8</sup>  
 Linn. [error.] Hungary<sup>9</sup>  
 1868 *Pentastira leporina* Kirschbaum, [nec Linné], Cicad. Rumania<sup>10</sup>  
 Wiesbaden :45. [Key.]<sup>1</sup> Algeria<sup>11</sup>  
 1870 *Oliarus leporinus* Scott, [nec Linné], Ent. Monthly Mag. Russia<sup>12</sup>  
**7**: 120. [Described.]<sup>14</sup> Equals *Flata pallens* Germ. [error.] Trans-  
 caucasus<sup>13</sup>  
 Equals *Pentastira leporina* Kb.

*Oliarus*

- 1876 *Oliarus leporinus* Fieber, [nec Linné], Cicad. d'Europe Pt. 2: 213 (203). [Key.]<sup>1</sup> Equals *Cicada leporina* Linn. England<sup>14</sup>  
[error.] Equals *Pentastira leporinus* Kb. Equals *Cixius* N. Africa<sup>15</sup>  
*leporinus* Marsh. [error.] Caucasus<sup>16</sup>  
S. Dalmatia<sup>17</sup>
- 1876 *Pentastira leporina* Douglas and Scott, Cat. British Hemip. :65. To *Oliarus leporinus* Linn. [error.] Crimea<sup>18</sup>  
Moravia<sup>19</sup>
- 1882 *Oliarus leporinus* Ferrari, [nec Linné], Cicad. Agri Ligustici :83 (11). [Listed, key.]<sup>7</sup> Equals *Cicada leporinus* Linn. [error.] Equals *Pentastira leporina* Kb. Spain<sup>20</sup>  
Belgium<sup>21</sup>  
Bohemia<sup>22</sup>
- \*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.]<sup>1,5</sup> Equals *Oliarus leporinus* Panz. [nec Linn.]
- 1886 *Oliarus leporinus* Edwards, [nec Linné], Syn. British Homop.-Cicadina Pt. 1: 51. [Described.]<sup>2</sup> Equals *Cicada leporina* Linn. [error.] Equals *Flata leporina* Germ. [error.] Equals *Pentastira leporina* Kb. :50. [Key.]
- 1886 *Oliarus panzeri* Puton, Cat. Hémip. Faune Pal. :70. [Listed.]<sup>3,4,5</sup> Equals *Oliarus leporinus* Fieb. [nec Linn.]
- 1890 *Oliarus leporinus* Buckton, [nec Linné], Mon. British Cicadae 1: 17; Pl. IV, Figs. 2-4. [Described, illustrated.]<sup>2</sup> 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.]<sup>2</sup> Equals *Oliarus leporinus* Panz. [nec Linn.]
- 1892 *Oliarius* [sic] *panzeri* Spitzner, Hemip. Mährens :(26). [Listed.]<sup>19</sup>
- 1892 *Oliarus panzeri* Duda, Cat. Ins. Faunae Bohemicae :27. [Listed.]<sup>22</sup> Equals *Oliarus leporinus* Fieb.
- 1893 *Oliarus panzeri* Bezzi, Bull. Soc. Ent. Italiana 25: 107 (27). [Listed.]<sup>7</sup>
- 1894 *Oliarus panzeri* Edwards, Hemip.-Homop. British Islands Pt. 1: 23; Pl. III, Fig. 6a. [Described, illustrated, key.]<sup>2</sup>
- 1894 *Oliarus panzeri* Horváth, Rev. Ent. 13: 177. [Listed.]<sup>13</sup>
- 1896 *Oliarius* [sic] *panzeri* Melichar, Cicad. Mittel-Europa :32; Pl. II, Figs. 23-27. [Described, illustrated.]<sup>1,4,5,19</sup> 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.]<sup>9</sup> Equals *Oliarus leporinus* Fieb. [nec Linn.]
- 1899 *Oliarius* [sic] *panzeri* Melichar, Wien. Ent. Zeit. 18: 179. [Listed.]<sup>6</sup>
- 1899 *Oliarus panzeri* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]<sup>3,4,5,6</sup> Equals *Oliarus leporinus* Fieb. [nec Linn.]
- 1900 *Oliarius* [sic] *panzeri* Strobl, Mitt. Natur. Ver. Steiermark 36: 202. [Listed.]<sup>5</sup> Equals *Oliarius* [sic] *leporinus* Fieb.
- 1900 *Oliarus panzeri* Fokker, Tijdschr. Ent. 42: 14. [Listed.]<sup>4</sup> :25. [Listed.]<sup>11</sup>
- 1902 *Oliarius* [sic] *panzeri* Cobelli, Cicadine Trentino :8. [Listed.]<sup>7</sup>
- 1903 *Oliarus panzeri* Horváth, Ann. Mus. Nat. Hungarici 1: 27. [Listed.]<sup>8</sup>
- 1903 *Oliarus panzeri* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 59. [Listed.]<sup>5</sup> Equals *Oliarus leporinus* Fieb. [nec Linn.]

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

**patrizii** Lallemand

- 1929 *Oliarius* [sic] *patrizii* Lallemand, Ann. Mus. Genova **53**: 160 (1). [n. sp.]<sup>1</sup> Somaliland<sup>1</sup>

**pattersoni** Lallemand

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

**pedisequus** Buckton

- 1893 *Prosops pedisequus* Buckton, Victorian Nat. **9**: 50. [n. sp.]<sup>1</sup> Victoria<sup>1</sup>
- 1893 *Prosops pedisequus* French, Victorian Nat. **9**: 48. [Economics.]<sup>1</sup>
- 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.]<sup>1</sup> Hawaii<sup>1</sup>
- 1925 *Oliarus pele* Giffard, Proc. Hawaiian Ent. Soc. **6**: 83 (33); Pl. IV, Figs. 56, 57. [Described, illustrated.]<sup>2</sup> :62 Hawaiian Islands<sup>2</sup>  
 (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.]<sup>1</sup> Hawaiian Islands<sup>1</sup>

**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.]<sup>1</sup> Hawaiian Islands<sup>1</sup>

**petasatus** Noualhier

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

**phelia** Kirkaldy

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

**picturatus** Lallemand

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

**pima** Kirkaldy

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

**pinicolus** Osborn

- 1926 *Oliarus pinicolus* Osborn, Ann. Ent. Soc. America **19**: 355. [n. sp.]<sup>1</sup> Cuba<sup>1</sup>

**placitus** Van Duzee

- 1912 *Oliarus placitus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **10**: 493. [n. sp.]<sup>1,2</sup> Florida<sup>1</sup>  
Georgia<sup>2</sup>  
1914 *Oliarus placitus* Barber, Bull. American Mus. Nat. Hist. **33**: 527. [Listed.]<sup>1</sup> Southern States<sup>3</sup>  
1916 *Oliarus placitus* Van Duzee, Check List Hemip. America :79. [Listed.]<sup>3</sup> Kansas<sup>4</sup>  
Mississippi<sup>5</sup>  
1917 *Oliarus placitus* Van Duzee, Cat. Hemip. America :732. [Listed.]<sup>1,2</sup> New York<sup>6</sup>  
1921 *Oliarus placitus* Osborn, Florida Ent. **5**: 15. [Listed.]<sup>1</sup>

- 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.]<sup>1,4,5</sup>  
 1928 *Oliarus placitus* Metcalf, Mem. Cornell Uni. Agri. Exp. Sta. **101**: 177. [Listed.]<sup>6</sup>

**pluvialis** Kirkaldy

- 1909 *Oliarus pluvialis* Kirkaldy, Proc. Hawaiian Ent. Soc. **2**: 78. [n. sp.]<sup>1</sup> Hawaii<sup>1</sup>  
 1925 *Oliarus pluvialis* Giffard, Proc. Hawaiian Ent. Soc. **6**: 147 (97). [Described.]<sup>2</sup> Hawaiian Islands<sup>2</sup>

**privatus** Distant [nom. nud.]

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

**procellaris** Kirkaldy

- 1909 *Oliarus procellaris* Kirkaldy, Proc. Hawaiian Ent. Soc. **2**: 77. [n. sp.]<sup>1</sup> Hawaii<sup>1</sup>  
 1925 *Oliarus procellaris* Giffard, Proc. Hawaiian Ent. Soc. **6**: 147 (97). [Described.]<sup>2</sup> Hawaiian Islands<sup>2</sup>

**proimpeditus** Muir

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

**prolongulus** Muir

- 1924 *Oliarus prolongulus* Muir, Philippine Jour. Sci. **24**: 516. [n. sp.]<sup>1</sup> Basilan<sup>1</sup>  
 (Philippine I.)

**propior** Fowler

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

**proprius** Muir

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

*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.]<sup>1</sup> S. Russia<sup>1</sup>  
 1886 *Oliarus putoni* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]<sup>1</sup>  
 1899 *Oliarus putoni* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]<sup>1</sup>  
 1907 *Oliarius* [sic] *putoni* Oshanin, Verz. Palaeark. Hemip. **2**: 236. [Listed.]<sup>1</sup>

*Oliarus*

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

**quadricinctus** Matsumura

1914 *Oliarus quadricinctus* Matsumura, Annot. Zool. Japoneses **8**: 419. [n. sp.]<sup>1</sup> Japan<sup>1</sup>

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

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

*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. Europe<sup>1</sup>  
[n. sp.] France<sup>2</sup>
- 1839 *Cixius 5-costatus* Dufour, Ann. Sci. Nat. (2) **12**: 288. Russia<sup>3</sup>  
[Digestive system.] Europe<sup>4</sup>
- 1847 *Pentastira* [non. binom.] Amyot, Ann. Soc. Ent. France Spain<sup>5</sup>  
(2) **5**: 167. Equals *Cixius quinquecostata* Duf. Italy<sup>6</sup>
- 1848 *Pentastira* [non binom.] Amyot, Méth. Mon. :363. Portugal<sup>7</sup>  
Equals *Cixius quinquecostata* Duf. China<sup>8</sup>
- 1851 *Cixius? quinquecostatus* Walker, List Homop. British Serbia<sup>9</sup>  
Mus. **2**: 343. [Listed.]<sup>1</sup> Equals *Pentastira* Amyot. Hungary<sup>10</sup>
- 1853 *Cixius 5-costatus* Signoret, Bull. Soc. Ent. France (3) **1**: Rumania<sup>11</sup>  
xxxiii. [Listed.] Trans-
- 1859 *Cixius ?quinquecostatus* Dohrn, Cat. Hemip. :60. caucasia<sup>12</sup>  
[Listed.]<sup>1</sup> Caucasus<sup>13</sup>
- 1872 *Oliarus quinquecostatus* Fieber, Kat. Europäischen Yugoslavia<sup>14</sup>  
Cicad. :3. [Listed.]<sup>2,3</sup> Equals *Oliarus artemisiae* Beck. Armenia<sup>15</sup>  
[nom. nud.] Turkestan<sup>16</sup>
- 1875 *Oliarus quinquecostatus* Puton, Cat. Hé mip. d'Europe 2 Greece<sup>17</sup>  
Ed. :114. [Listed.]<sup>2,3</sup> Austria<sup>18</sup>
- 1876 *Oliarus quinquecostatus* Fieber, Cicad. d'Europe Pt. 2: 214 (204). [Key.]<sup>4</sup> Equals *Cixius quinquecostatus* Duf. Equals *Cixius artemisiae* Beck. [nom. nud.]
- 1879 *Oliarus quinquecostatus?* Bolivar and Chicote, An. Soc. Española **8**: 176. [Listed.]<sup>5</sup>
- 1882 *Oliarus quinquecostatus* Ferrari, Cicad. Agri Ligustici :83 (11). [Key.]<sup>2</sup>
- 1884 *Oliarus quinquecostatus* Mayr, Tabellen :17. [Listed.]<sup>4</sup>
- 1885 *Oliarus quinquecostatus* Ferrari, Bull. Soc. Ent. Italiana **17**: 271. [Listed.]<sup>6</sup>
- 1885 *Cixius quinquecostatus* Fairmaire, Hist. Nat. France Hé mip. :144. [Described.]<sup>2</sup>
- 1886 *Oliarus quinquecostatus* Puton, Cat. Hé mip. Faune Pal. :70. [Listed.]<sup>2,3</sup>  
5,6,7
- 1888 *Oliarus quinquecostatus* Dubois, Mém. Soc. Linn. Nord France **7**: 154 (58). [Listed.]<sup>2</sup>

- 1890 *Oliarus quinquecostatus* Dominique, Ann. Soc. Acad. Loire-Inf. **1890**: 25. [Listed.]<sup>2</sup>
- 1892 *Oliarus quinquecostatus* Ferrari, Ann. Mus. Genova (2) **12**: 568 (20). [Listed.]<sup>6</sup>
- 1892 *Oliarius* [sic] *quinquecostatus* Dominique, Bull. Soc. Sci. Nat. Ouest France **2**: 115. [Listed.]<sup>2</sup>
- 1894 *Oliarus quinquecostatus* Horváth, Rev. Ent. **13**: 177. [Listed.]<sup>12</sup>
- 1896 *Oliarius* [sic] *quinquecostatus* Melichar, Cicad. Mittel-Europa :32. [Described.]<sup>1-1</sup> :30. [Key.]
- 1897 *Cixius quinquecostatus* Acloque, Faune France :401. [Key.]<sup>2</sup>
- 1897 *Oliarus quinquecostatus* Horváth, Fauna Regni Hungariae :55. [Listed.]<sup>10</sup>
- 1899 *Oliarus quinquecostatus* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]<sup>2,3,5,6,7</sup>
- 1901 *Oliarus quinquecostatus* Lambertie, Act. Soc. Linn. Bordeaux **56**: (86). [Listed.]<sup>2</sup>
- 1902 *Oliarus quinquecostatus* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) **2**: 221. [Listed.]<sup>2</sup>
- 1902 *Oliarius* [sic] *quinquecostatus* Melichar, Ann. Mus. St. Petersburg **7**: 86 (11). [Listed.]<sup>8</sup>
- 1903 *Oliarus quinquecostatus* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste **21**: 59. [Listed.]<sup>8</sup>
- 1903 *Oliarus quinquecostatus* Horváth, Ann. Mus. Nat. Hungarici **1**: 27. [Listed.]<sup>9</sup>
- 1907 *Oliarius* [sic] *quinquecostatus* Oshanin, Verz. Palaeark. Hemip. **2**: 239. [Listed.]<sup>2,3,5,6,8,10,11,12</sup> Equals *Cixius quinquecostatus* Duf.
- 1908 *Oliarius* [sic] *quinquecostatus* Oshanin, Verz. Palaeark. Hemip. **3**: 445. [Listed.]<sup>17</sup>
- 1908 *Oliarus quinquecostatus* [sic] Reuter, Acta Soc. Sci. Fennicae **36** (1): 72. [Listed.]<sup>2</sup>
- 1910 *Oliarus quinquecostatus* Lambertie, Misc. Ent. **18**: 90. [Listed.]<sup>2</sup>
- 1912 *Oliarus quinquecostatus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]<sup>1,8,13</sup>
- 1913 *Oliarus quinquecostatus* Melichar, Mitt. Kaukasischen Mus. **7**: 13. [Listed.]<sup>13</sup>
- 1918 *Oliarus quinquecostatus* Horváth, Ann. Mus. Nat. Hungarici **16**: 330. [Listed.]<sup>14</sup>
- 1926 *Oliarius* [sic] *quinquecostatus* Rémy-Perrier, Homop. Faune France :92. [Key.]
- 1927 *Oliarius* [sic] *quinquecostatus* Kusnezov, Zool. Anz. **72**: 261. [Listed.]<sup>15</sup>
- 1928 *Oliarus quinquecostatus* Lallemand, Mem. Est. Mus. Zool. Univ. Coimbra **1928**: 7. [Listed.]<sup>7</sup>
- 1929 *Oliarus quinquecostatus* [sic] Kusnezov, Zool. Anz. **79**: 328. [Listed.]<sup>16</sup>
- 1929 *Oliarus quinquecostatus* Lallemand, Mem. Est. Mus. Zool. Univ. Coimbra **1929**: 6. [Listed.]<sup>7</sup>
- 1930 *Oliarus quinquecostatus* de Seabra, Arq. Secc. Biol. e Par. **1** (4): 349. [Listed.]<sup>7</sup>
- 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.]<sup>1</sup> New Jersey<sup>1</sup>  
New York<sup>2</sup>
- 1850 *Pocilloptera* [sic] *quinquelineata* Schaum, Allg. Ency. Ersch und Gruber **51**: 72. [Listed.] Equals *Flata quinquelineata* Say. United States<sup>3</sup>  
Canada<sup>4</sup>
- 1851 *Cixius quinquelineatus* Fitch, Cat. Homop. :46. [Listed.]<sup>2</sup> Ottawa<sup>5</sup>  
North America<sup>6</sup>
- 1851 *Pocilloptera?* [sic] *quinquelineata* Walker, List Homop. British Mus. **2**: 470. [Listed.]<sup>3</sup> Equals *Flata quinquelineata* Say. Ohio<sup>7</sup>  
Maryland<sup>8</sup>
- 1852 *Cixius quinquelineatus* Walker, List Homop. British Mus. **4** Suppl. :1135. [Listed.]<sup>3</sup> Arkansas<sup>9</sup>  
Quebec<sup>10</sup>
- 1859 *Flata quinquelineata* Say, Comp. Writings of Thomas Say **2**: 375. [n. sp.]<sup>1</sup> Colorado<sup>11</sup>  
Georgia<sup>12</sup>
- 1859 *Pocilloptera?* [sic] *quinquelineata* Dohrn, Cat. Hemip. :66. [Listed.]<sup>6</sup> Florida<sup>13</sup>  
North Carolina<sup>14</sup>
- 1889 *Oliarus quinquelineatus* Provancher, Petite Faune Ent. Canada :223. [Described.]<sup>5</sup> Equals *Flata quinquelineatus* Say. Eastern States<sup>15</sup>
- 1889 *Oliarus quinquelineatus* Van Duzee, Canadian Ent. **21**: 7. [Listed.]<sup>4</sup> Ontario<sup>16</sup>  
Connecticut<sup>17</sup>
- 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.]<sup>5</sup>
- 1893 *Cixius quinquelineatus* Fitch, Reprint Cat. Homop. New York :386. [Listed.]<sup>2</sup>
- 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.]<sup>2</sup>
- 1900 *Oliarus* [sic] *quinquelineata* Smith, Ins. New Jersey **2**: 89. [Listed.]<sup>1</sup>
- 1902 *Flata quadrilineata* [sic] Melichar, Ann. Nat. Hofmus. Wien **17**: 230. [Listed.]<sup>6</sup>
- 1904 *Oliarus 5-lineatus* Osborn, Ohio Nat. **4**: 100. [Listed.]<sup>7</sup>
- 1904 *Oliarus 5-lineatus* Osborn, Proc. Soc. Prom. Agr. Sci. **25**: 35. [Economics.]<sup>3</sup>
- 1904 *Oliarus quinquelineatus* Swezey, Prelim. Cat. Fulgoridae North America :30. [Listed.]<sup>1,2,5,8,9,7,16</sup> 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.]<sup>2</sup> :652. [Key.]
- 1907 *Oliarus* [sic] *5-lineatus* Moore, Canadian Ent. **39**: 189. [Listed.]<sup>10</sup>
- 1908 *Oliarus 5-lineatus* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia **1907**: 486. [Notes.]<sup>1,2,7,11,12,13</sup> :485. [Key.]

- 1910 *Oliarus quinquelineata* Smith, Rept. Ins. New Jersey :95. [Listed.]<sup>1</sup>  
 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.]<sup>13</sup>  
 1915 *Oliarus quinquecilincatus* [sic] Metcalf, Jour. Elisha Mitchell Soc. **31**:43 (11). [Listed.]<sup>14</sup>  
 1916 *Oliarus quinquelincatus* Van Duzee, Check List Hemip. America :79. [Listed.]<sup>4,15</sup> Equals *Oliarus quadrilineata* Mel.  
 1917 *Oliarus quinquelineatus* Van Duzee, Cat. Hemip. America :732. [Listed.]<sup>1,2,7,10,11,13,16</sup> 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.]<sup>13</sup>  
 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.]<sup>4,11</sup>  
 1928 *Oliarus 5-lineatus* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 61. [Described, food plants.]<sup>1,2,7,9,10,11,13,14,16</sup> Equals *Flata quinquelineatus* Say. :58. [Key.]  
 1928 *Oliarus quinquelineatus* Metcalf, Mem. Cornell Uni. Agr. Exp. Sta. **101**: 177. [Listed.]<sup>2</sup>  
 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. Mysol<sup>1</sup>  
 [n. sp.]<sup>1</sup> (East Indies)  
 1907 *Oliarus reductus* Distant, Ann. Mag. Nat. Hist. (7) **19**:  
 281. [Listed.]<sup>1</sup> 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. Fiji<sup>1</sup>  
 Assoc. **3**: 109. [n. sp.]<sup>1</sup> :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.]<sup>1</sup> Colorado<sup>1</sup>

*Oliarus*

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

**siculus** Matsumura

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

*signatus* Fieber. See *Oliarus obscurus* Signoret.

**silvestris** Kirkaldy

- 1909 *Oliarus silvestris* Kirkaldy, Proc. Hawaiian Ent. Soc. 2: Hawaii<sup>1</sup>  
78. [n. sp.]<sup>1</sup> Hawaiian
- 1925 *Oliarus silvestris* Giffard, Proc. Hawaiian Ent. Soc. 6: Islands<sup>2</sup>  
132 (82); Pl. VI, Figs. 97, 98, 101. [Described, illus-  
trated.]<sup>2</sup> :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.]<sup>1</sup> :65 Islands<sup>1</sup>  
(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.]<sup>1</sup> Islands<sup>1</sup>

**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.]<sup>1</sup> Islands<sup>1</sup>

**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.]<sup>1</sup> Islands<sup>1</sup>

**simlae** Distant

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

**simplex** Walker

- 1857 *Cixius simplex* Walker, Jour. Linn. Soc. Zool. 1: 147. Borneo<sup>1</sup>  
[n. sp.]<sup>1</sup>

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

**singularis** Muir

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

**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.]<sup>1</sup> [nom. praeoc.] Sipora Island<sup>1</sup>

**slossoni** Van Duzee

- 1908 *Oliarus hyalinus* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia 1907: 487. [n. sp.]<sup>1</sup> :485. [Key.] Florida<sup>1</sup>  
 Southern States<sup>2</sup>  
 1912 *Oliarus slossoni* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 10: 494. nom. nov. for *Oliarus hyalinus* Van D. [nec Fieb.]<sup>1</sup> Mississippi<sup>3</sup>  
 Texas<sup>4</sup>  
 1914 *Oliarus slossoni* Barber, Bull. American Mus. Nat. Hist. 33: 527. [Listed.]<sup>1</sup>  
 1916 *Oliarus slossoni* Van Duzee, Check List Hemip. America :79. [Listed.]<sup>2</sup>  
 Equals *Oliarus hyalinus* Van D.  
 1917 *Oliarus slossoni* Van Duzee, Cat. Hemip. America :733. [Listed.]<sup>1</sup> Equals *Oliarus hyalinus* Van D.  
 1921 *Oliarus slossoni* Osborn, Florida Ent. 5: 15. [Listed.]<sup>1</sup>  
 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.]<sup>1,3,4</sup> Equals *Oliarus hyalinus* Van D. :58. [Key.]

**sordidus** Fieber

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

**speciosus** Matsumura

- 1914 *Oliarus speciosus* Matsumura, Annot. Zool. Japonenses 8: 424. [n. sp.]<sup>1</sup> Formosa<sup>1</sup>

*Oliarus*

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

**spinosus** Bierman

- 1910 *Oliarius* [sic] *spinosus* Bierman, Notes Leyden Mus. Java<sup>1</sup>  
Jentink 33: 17. [n. sp.]<sup>1</sup>

**splendidulus** Fieber

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

**sponsa** Kirkaldy

- 1906 *Oliarus sponsa* Kirkaldy, Bull. Hawaiian Sugar Pl. Queensland<sup>1</sup>  
Assoc. 1: 400. [n. sp.]<sup>1</sup> :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. Buchará<sup>1</sup>  
[n. sp.]<sup>1</sup>

**stigma** Motschulsky

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

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

**subnubilus** Uhler

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

**subpunctata** Walker

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

**sudanicus** Lallemand

- 1925 *Oliarus sudanicus* Lallemand, Ark. Zool. 18: (4). [n. sp.]<sup>1</sup> Central  
Africa<sup>1</sup>

**suezensis** Matsumura

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

**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, Islands<sup>1</sup>  
n. sp.]<sup>1</sup> :61 (11). [Key.]

**tabrobanensis** Melichar

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

*Oliarus***talunia** Kirkaldy

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

**tamehameha** Kirkaldy

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

**tangira** Matsumura

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

**tantalus** Giffard

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

**tappanus** Matsumura

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

**tarai** Kirkaldy

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

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

- 1902 *Oliarus tarai* var. *a* Kirkaldy, Fauna Hawaiiensis **3**: 123. Hawaii<sup>1</sup>  
 [n. var.]<sup>1</sup>

**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.]<sup>1</sup> Islands<sup>1</sup>

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

**tasmani** Kirkaldy

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

**testaceus** Walker

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

**texanus** Metcalf

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

**transitorius** Berg

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

**tristis** Fieber

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

**truncatus** Van Duzee

- 1929 *Oliarus truncatus* Van Duzee, Pan-Pacific Ent. **6**: 72. [n. sp.]<sup>1</sup> California<sup>1</sup>

**tsoui** Muir

- 1925 *Oliarus tsoui* Muir, Philippine Jour. Sci. **28**: 365; Fig. 1. [n. sp., illustrated.]<sup>1</sup> China<sup>1</sup>

**turae** Muir

- 1922 *Oliarus turae* Muir, Rec. Indian Mus. **24**: 345. [n. sp.]<sup>1</sup> India<sup>1</sup>

**velox** Matsumura

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



*Oliarus***vicarius** Walker

- 1851 *Cixius vicarius* Walker, List Homop. British Mus. 2: 343. [n. sp.]<sup>1</sup> Florida<sup>4</sup>  
Massa-
- 1859 *Cixius vicarius* Dohrn, Cat. Hemip. :60. [Listed.]<sup>1</sup> chusetts<sup>2</sup>
- 1877 *Cixius vicarius* Uhler, Bull. United States Geol. Geog. Maryland<sup>3</sup>  
Surv. Terr. 3: 458. [Listed.]<sup>1,2,3,4,6</sup> Texas<sup>4</sup>
- 1890 *Cixius vicarius* Smith, Cat. Ins. New Jersey :440. New Jersey<sup>5</sup>  
[Listed.] Colorado<sup>6</sup>
- 1895 *Cixius vicarius* Gillette and Baker, Hemip. Colorado Georgia<sup>7</sup>  
:69. [Listed.]<sup>6</sup> North
- 1900 *Cixius vicarius* Smith, Ins. New Jersey 2: 88. [Listed.]<sup>5</sup> Carolina<sup>8</sup>
- 1904 *Cixius vicarius* Swezey, Prelim. Cat. Fulgoridae North Southern  
America :27. [Listed.]<sup>1,2,3,4,6</sup> States<sup>9</sup>
- 1907 *Oliarus vicarius* Distant, Ann. Mag. Nat. Hist. (7) 19: 280. [Listed.]<sup>1</sup> Equals *Cixius vicarius* Walk.
- 1908 *Oliarus vicarius* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia 1907: 485. [Key.] :486. [Notes.]<sup>1,7</sup>
- 1909 *Oliarus vicarius* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 9: 187. [Notes.]<sup>1</sup>
- 1910 *Cixius vicarius* Smith, Rept. Ins. New Jersey :95. [Listed.]
- 1914 *Oliarus vicarius* Barber, Bull. American Mus. Nat. Hist. 33: 527. [Listed.]<sup>1</sup>
- 1915 *Oliarus vicarius* Metcalf, Jour. Elisha Mitchell Soc. 31: 43 (11). [Listed.]<sup>8</sup>
- 1916 *Oliarus vicarius* Van Duzee, Check List Hemip. America :79. [Listed.]<sup>9</sup>
- 1917 *Oliarus vicarius* Van Duzee, Cat. Hemip. America :732. [Listed.]<sup>1,3,4,6,7</sup>  
Equals *Cixius vicarius* Walk.
- 1921 *Oliarus vicarius* Osborn, Florida Ent. 5: 15. [Listed.]<sup>1</sup>
- 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.]<sup>1,3,4,6,7</sup> Equals *Cixius vicarius* Walk.

**villosa** Fabricius

- 1775 *Cicada villosa* Fabricius, Systema Ent. :684. [n. sp.]<sup>1</sup> America<sup>1</sup>
- 1781 *Cicada villosa* Fabricius, Species Ins. 2: 324. [De- S. America<sup>2</sup>  
scribed.]<sup>2</sup>
- 1787 *Cicada villosa* Fabricius, Mantissa Insectorum 2: 270. [Described.]
- 1789 *Cicada villosa* Gmelin, Linné Syst. Nat. :2113. [Described.]<sup>2</sup>
- 1794 *Cicada villosa* Fabricius, Entomologia Syst. 4: 34. [Described.]<sup>2</sup>
- 1803 *Flata villosa* Fabricius, Systema Rhyng. :52. [Described.]<sup>2</sup> Equals *Cicada leporina* Linn. [error.] Equals *Cicada villosa* Fabr.
- 1830 *Flata villosa* Germar, Thon Archiv 2: 50. [Described.]<sup>2</sup> 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.]<sup>2</sup> 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. Africa<sup>1</sup>  
23: 153; Pl. VII, Fig. 5. [Illustrated, n. sp.]<sup>1</sup>

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

**vitreus** Melichar

- 1905 *Oliarus vitreus* Melichar, Wien. Ent. Zeit. 24: 282. E. Africa<sup>1</sup>  
[n. sp.]<sup>1</sup>

*vitreus* Metcalf. See *Oliarus lucidus* Metcalf.

**vittatus** Metcalf

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

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

*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.]<sup>1</sup>:65 Islands<sup>1</sup>  
(15). [Key.]

**wailupensis** Giffard

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

**walkeri** Stål

- 1859 *Cixius walkeri* Stål, Freg. Eugénies Resa :272. [n. sp.]<sup>1,2</sup> Malacca<sup>1</sup>  
1862 *Oliarus walkeri* Stål, Berliner Ent. Zeit. 6: 306. Equals (East Indies)  
*Cixius walkeri* Stål. Philippine I.<sup>2</sup>  
1870 *Oliarus walkeri* Stål, Ofv. Svenska Vet. Akad. Forh. 27: Malay  
746. [Listed.]<sup>2</sup> Equals *Cixius walkeri* Stål. Peninsula<sup>3</sup>  
1886 *Oliarus walkeri* Atkinson, Jour. Asiatic Soc. Bengal 55: Singapore<sup>4</sup>  
33. [Described.]<sup>1,2</sup> Equals *Cixius walkeri* Stål. Penang<sup>5</sup>  
1906 *Oliarus walkeri* Distant, Fauna British India 3: 256; Borneo<sup>6</sup>  
Fig. 113. [Described, illustrated.]<sup>2,3</sup> Equals *Cixius* Java<sup>7</sup>  
*walkeri* Stål.  
1910 *Oliarius* [sic] *walkeri* Bierman, Notes Leyden Mus. Jentink 33: 16.  
[Notes.]<sup>7</sup>  
1924 *Oliarus walkeri* Muir, Philippine Jour. Sci. 24: 517; Pl. 1, Figs. 8a-c.  
[Described, illustrated.]<sup>2,4,5,6</sup> 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-      Canaries<sup>1</sup>  
garici 7: 299. [n. sp.]<sup>1</sup>
- 1910 *Hyalesthes angustus* Oshanin, Ann. Mus. Zool. St. Petersburg 15: 182.  
[Listed.]<sup>1</sup>
- 1912 *Hyalesthes angustus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]<sup>1</sup>

**basalis** Lethierry

- 1890 *Hyalesthes basalis* Lethierry, Ann. Soc. Ent. France (6)      Venezuela<sup>1</sup>  
10: 149. [n. sp.]<sup>1</sup>

**flavipennis** Horváth

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

*grandis* Matsumura. See *Hyalesthes productus* Lethierry.

**luteipes** Fieber

- 1872 *Hyalesthes luteipes* Fieber, Kat. Europäischen Cicad. :3.      Italy<sup>1</sup>  
[Listed.] [nom. nud.]<sup>1</sup>      France<sup>2</sup>
- 1875 *Hyalesthes luteipes* Puton, Cat. Hémip. d'Europe 2 Ed.      Corsica<sup>3</sup>  
:113. [Listed.] [nom. nud.]<sup>1,2,3</sup>      Spain<sup>4</sup>
- 1876 *Hyalesthes luteipes* Fieber, Cicad. d'Europe Pt. 2: 197      Portugal<sup>5</sup>  
(187). [n. sp.]<sup>1</sup>      Germany<sup>6</sup>
- 1880 *Hyalestes* [sic] *luteipes* Chicote, An. Soc. Española 9:      Greece<sup>7</sup>  
200 (16). [Listed.]<sup>1,5</sup>      Austria<sup>8</sup>
- 1882 *Hyalestes* [sic] *luteipes* Ferrari, Cicad. Agri Ligustici :82      Serbia<sup>9</sup>  
(10). [Key, listed.]<sup>1</sup>      Crimea<sup>10</sup>
- 1885 *Hyalestes* [sic] *luteipes* Ferrari, Bull. Soc. Ent. Italiana      Hungary<sup>11</sup>  
17: 271. [Listed.]<sup>1</sup>      Rumania<sup>12</sup>
- 1886 *Hyalesthes luteipes* Then, Kat. österreichischen Cicad.      Turkestan<sup>13</sup>  
:11. [Listed.]<sup>1</sup>      Southern
- 1886 *Hyalesthes luteipes* Puton, Cat. Hémip. Faune Pal. :69.      Europe<sup>14</sup>  
[Listed.]<sup>1,2,6,7,5</sup>      Turkey<sup>15</sup>
- 1892 *Hyalestes* [sic] *luteipes* Ferrari, Ann. Mus. Genova (2)        
12: 568 (20). [Listed.]<sup>1</sup>
- 1896 *Hyalesthes luteipes* Melichar, Cicad. Mittel-Europa :28. [Described, key.]<sup>1</sup>
- 1897 *Hyalesthes luteipes* Horváth, Fauna Regni Hungariae :54. [Listed.]<sup>11</sup>
- 1899 *Hyalesthes luteipes* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]<sup>1,2,6,7,8</sup>
- 1900 *Hyalesthes luteipes* Strobl, Mitt. Natur. Ver. Steiermark 36: 202. [Listed.]<sup>8</sup>
- 1901 *Hyalesthes luteipes* Lambertie, Act. Soc. Linn. Bordeaux 56: (86).  
[Listed.]<sup>2</sup>
- 1903 *Hyalesthes luteipes* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 59.  
[Listed.]<sup>8</sup>

- 1903 *Hyalesthes luteipes* Horváth, Ann. Mus. Nat. Hungarici 1: 27. [Listed.]<sup>9</sup>  
 1904 *Hyalesthes luteipes* Lambertie, Act. Soc. Linn. Bordeaux 59: XXX (14).  
 [Listed.]<sup>2</sup>  
 1904 *Hyalesthes luteipes* Hueber, Syst. Verz. deutschen Zikadinen :268.  
 [Listed.]<sup>6</sup>  
 1906 *Hyalesthes luteipes* Schugurov, Zool. Anz. 30: 711. [Listed.]<sup>10</sup>  
 1907 *Hyalesthes luteipes* Oshanin, Verz. Palaeark. Hemip. 2: 241. [Listed.]<sup>1,2,3,4,7,8,11,12,13,15</sup>  
 1910 *Hyalesthes luteipes* Lambertie, Misc. Ent. 18: 89. [Listed.]<sup>2</sup>  
 1912 *Hyalesthes luteipes* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]<sup>13,14</sup>  
 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.]<sup>3</sup> France<sup>1</sup>  
 Germany<sup>2</sup>  
 1883 *Hyalesthes luteipes scotti* Löw, Wien. Ent. Zeit. 2: 60. Italy<sup>3</sup>  
 [Listed.] Austria<sup>4</sup>  
 1886 *Hyalesthes luteipes scotti* Puton, Cat. Hémip. Faune Pal. Serbia<sup>5</sup>  
 :69. [Listed.]<sup>1,2,3,4</sup> Hungary<sup>6</sup>  
 1886 *Hyalesthes luteipes scottii* Then, Kat. österreichischen Rumania<sup>7</sup>  
 Cicad. :11. [Listed.]<sup>4</sup> Spain<sup>8</sup>  
 1892 *Hyalestes* [sic] *luteipes scotti* Ferrari, Ann. Mus. Genova (2) 12: 568 (20). [Listed.]<sup>3</sup>  
 1896 *Hyalesthes luteipes scottii* Melichar, Cicad. Mittel-Europa :29. [Listed.]<sup>4</sup>  
 1897 *Hyalesthes luteipes scotti* Horváth, Fauna Regni Hungariae :54. [Listed.]<sup>6</sup>  
 1899 *Hyalesthes luteipes scotti* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]<sup>1,2,3,4</sup>  
 1900 *Hyalesthes luteipes scottii* Strobl, Mitt. Natur. Ver. Steiermark 36: 202. [Listed.]<sup>4</sup>  
 1901 *Hyalesthes luteipes scotti* Lambertie, Act. Soc. Linn. Bordeaux 56: (86). [Listed.]<sup>1</sup>  
 1902 *Hyalesthes luteipes scotti* Lambertie, Act. Soc. Linn. Bordeaux 57: (2). [Listed.]<sup>1</sup>  
 1902 *Hyalesthes luteipes scotti* Lambertie, Bull. Soc. Ent. France 1902: 325. [Listed.]<sup>1</sup>  
 1903 *Hyalesthes luteipes scotti* Horváth, Ann. Mus. Nat. Hungarici 1: 27. [Listed.]<sup>5</sup>  
 1904 *Hyalesthes luteipes scotti* Lambertie, Act. Soc. Linn. Bordeaux 59: XXX (14). [Listed.]<sup>1</sup>  
 1904 *Hyalesthes luteipes scotti* Hueber, Syst. Verz. deutschen Zikadinen :268. [Listed.]<sup>2</sup>  
 1907 *Hyalesthes luteipes scotti* Oshanin, Verz. Palaeark. Hemip. 2: 241. [Listed.]<sup>1,3,4,6,7</sup>  
 1910 *Hyalesthes luteipes scotti* Lambertie, Misc. Ent. 18: 89. [Listed.]<sup>1</sup>  
 1912 *Hyalesthes luteipes scotti* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]

*Hyalesthes*

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

**mlokosiewiczzi** Signoret

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

**obsoletus** Signoret

- 1847 *Hyalesthes* Amyot, Ann. Soc. Ent. France (2) 5: 163. Southern  
[Described.]<sup>1</sup> [non binom.] France<sup>1</sup>
- 1848 *Hyalesthes* Amyot, Meth. Mon. :359. [Described.]<sup>1</sup> [non Dalmatia<sup>2</sup>  
binom.] Southern
- 1865 *Hyalesthes obsoletus* Signoret, Ann. Soc. Ent. France (4) Europe<sup>3</sup>  
5: 128. [n. sp.]<sup>1</sup> Equals *Hyalesthes* Amyot (non. binom.) France<sup>4</sup>
- 1868 *Liorhinus albolimbatus* Kirschbaum, Cicad. Wiesbaden Spain<sup>5</sup>  
:49. [n. sp.]<sup>2</sup> Switzerland<sup>6</sup>
- 1872 *Hyalesthes obsoletus* Fieber, Kat. Europäischen Cicad. Austria<sup>7</sup>  
:3. [Listed.]<sup>3</sup> Equals *Hyalesthes albolimbatus* Kb. Italy<sup>8</sup>
- 1872 *Hyalesthes obsoletus* Fieber, Verh. Zool. Bot. Ges. Wien Portugal<sup>9</sup>  
22: 29. Equals *Liorhinus albolimbatus* Kb. Germany<sup>10</sup>
- 1875 *Hyalesthes obsoletus* Puton, Cat. Hémip. d'Europe 2 Ed. Czecho-  
:113. [Listed.]<sup>1</sup> Equals *Hyalesthes albolimbatus* Kb. slovakia<sup>11</sup>
- 1876 *Hyalesthes obsoletus* Fieber, Cicad. d'Europe Pt. 2: 196 Serbia<sup>12</sup>  
(186). [Key.]<sup>2,4,6,7,21</sup> Equals *Liorhinus a'bolimbatus* Kb. Hungary<sup>13</sup>
- 1879 *Hyalestes* [sic] *obsoletus* Bolivar and Chicote, An. Soc. Rumania<sup>14</sup>  
Española 8: 175. [Listed.]<sup>5</sup> Algeria<sup>15</sup>
- 1882 *Hyalestes* [sic] *obsoletus* Ferrari, Cicad. Agri Ligustici Tunisia<sup>16</sup>  
:82 (10). [Key.]<sup>8</sup> Caucasus<sup>17</sup>
- 1884 *Hyalesthes obsoletus* Mayr, Tabellen :17. [Listed.]<sup>6,7</sup> Turkestan<sup>18</sup>
- 1885 *Hyalestes* [sic] *obsoletus* Ferrari, Bull. Soc. Ent. Italiana Crimea<sup>9</sup>  
17: 270. [Listed.]<sup>5</sup> Syria<sup>20</sup>
- 1885 *Cixius obsoletus* Fairmaire, Hist. Nat. France Hémip. Montenegro<sup>21</sup>  
:143. [Described.]<sup>4</sup> Palestine<sup>22</sup>

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



*Hyalesthes*—*Solonaïma*

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

**productus** Lethierry

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

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

Genus **SOLONAIMA** Kirkaldy

Haplotype *Solonaïma solonaïma* [n. sp.] 1906 Kirkaldy, Bull. Hawaiian  
 Sugar Pl. Assoc. **1**: 396.

Type *Salonaïma* [sic] *solonaïma* 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.]

- Solonaïma 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.]  
 Solonaïma 1912 Waterhouse, Index Zool. **2**: 277. [Listed.]  
*Salonaïma* [sic] 1925 Muir, Pan-Pacific Ent. **1**: 104. [Listed.] Equals *Talaloo*  
 Dist.  
 Solonaïma 1925 Muir, Pan-Pacific Ent. **1**: 107. [Key.]

**pallescens** Distant

- 1907 *Talaloo pallescens* Distant, Ann. Mag. Nat. Hist. (7) Queensland<sup>1</sup>  
**19**: 295. [n. sp.]<sup>1</sup>  
 1907 *Talaloo pallescens* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 121.  
 [Listed.]<sup>1</sup>  
 1925 *Solonaïma 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.]<sup>1</sup>  
 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.]<sup>1</sup> Sinai<sup>1</sup> (Asia Minor)  
 1914 *Moysella sinaitica* Royer, Ann. Soc. Ent. France 83: 135. [Listed.]<sup>2</sup> Palestine<sup>2</sup>

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 Zealand<sup>1</sup> [n. sp.]<sup>1</sup>  
 1898 *Semo clypeatus* Hutton, Trans. New Zealand Inst. 30: 187. [Described.]<sup>1</sup>  
 1904 *Semo clypeatus* Hutton, Index Faunae Novae Zealandiae :225. [Listed.]<sup>1</sup>  
 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.]<sup>1</sup>

*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 *Hemitropis arcufera* Puton, Rev. Ent. 3: 86. [n. sp.]<sup>1</sup> Algeria<sup>1</sup>  
1886 *Hemitropis arcufera* Puton, Cat. Hémip. Faune Pal. :68.  
[Listed.]<sup>1</sup>  
1899 *Hemitropis arcufera* Puton, Cat. Hémip. Faune Pal. :102. [Listed.]<sup>1</sup>  
1900 *Hemitropis arcufera* Fokker, Tijdschr. Ent. 42: 24. [Listed.]<sup>1</sup>  
1907 *Duilius arcuferus* Oshanin, Verz. Palaeark. Hemip. 2: 248. [Listed.]<sup>1</sup>  
Equals *Hemitropis arcufera* Put.  
1912 *Duilius arcuferus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]<sup>1</sup>

**bipunctata** Fieber

- 1866 *Hemitropis bipunctata* Fieber, Verh. Zool. Bot. Ges. Spain<sup>1</sup>  
Wien 16: 510; Pl. VII, Figs. 3a-e. [n. sp., illustrated.] Sicily<sup>2</sup>  
:514. [Listed.] Algeria<sup>3</sup>  
1872 *Hemitropis bipunctata* Fieber, Kat. Europäischen Cicad. Portugal<sup>1</sup>  
:3. [Listed.]<sup>1</sup> Morocco<sup>5</sup>  
1875 *Hemitropis bipunctata* Puton, Cat. Hémip. d'Europe Tunis<sup>6</sup>  
2 Ed. :111. [Listed.]<sup>1,2,3</sup>  
1876 *Hemitropis bipunctata* Fieber, Cicad. d'Europe Pt. 2: 165 (155). [De-  
scribed.]<sup>1</sup>  
1880 *Hemitropis bipunctata* Chicote, An. Soc. Española 9: 199 (15). [Listed.]<sup>1,4</sup>  
1886 *Hemitropis bipunctata* Puton, Cat. Hémip. Faune Pal. :68. [Listed.]<sup>1,2,3</sup>  
1899 *Hemitropis bipunctata* Puton, Cat. Hémip. Faune Pal. :102. [Listed.]<sup>1,2,3,4</sup>  
1907 *Duilius bipunctatus* Oshanin, Verz. Palaeark. Hemip. 2: 248. [Listed.]<sup>1,2,3</sup>  
Equals *Hemitropis bipunctata* Fieb.  
1912 *Duilius bipunctatus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]<sup>1,2,3</sup>  
1926 *Duilius bipunctatus* Codina, Butll. Inst. Catalana Hist. Nat. (2) 5: 269  
(2). [Listed.]<sup>1,2,3,5,6</sup> Equals *Hemitropis bipunctatus* Fieb.

**fasciata** Horváth

- 1894 *Hemitropis fasciata* Horváth, Rev. Ent. 13: 183. [n. sp.]<sup>1</sup> Russia<sup>1</sup>  
:176. [Listed.]<sup>1,2</sup> Caucasus<sup>2</sup>  
1899 *Hemitropis fasciata* Puton, Cat. Hémip. Faune Pal. Trans-  
:102. [Listed.]<sup>2</sup> caucasia<sup>3</sup>  
1907 *Duilius fasciatus* Oshanin, Verz. Palaeark. Hemip. 2: Turkestan<sup>4</sup>  
248. [Listed.]<sup>3,4</sup> Equals *Hemitropis fasciata* Horv.  
1912 *Duilius fasciatus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]<sup>2,4</sup>

*irroratus* Costa. See *Hemitropis seticulosa* Lethierry.

**letourneuxi** Puton and Lethierry

- 1887 *Haplacha letourneuxi* Puton and Lethierry, Rev. Ent. Tunis<sup>1</sup>  
6: 308. [n. sp.]<sup>1</sup> Algeria<sup>2</sup>

*Hemitropis*

- 1899 *Hemitropis letourneuxi* Puton, Cat. Hémip. Faune Pal. :102. [Listed.]<sup>2</sup>  
 1907 *Duilius letourneuxi* Oshanin, Verz. Palaeark. Hemip. 2: 249. [Listed.]<sup>1 2</sup>  
 Equals *Haplacha letourneuxi* Leth. Equals *Hemitropis letourneuxi* Leth.  
 1912 *Duilius letourneuxi* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]<sup>1 2</sup>

**modesta** Horváth

- 1894 *Hemitropis modesta* Horváth, Rev. Ent. 13: 184. [n. sp.]<sup>1</sup> Russia<sup>1</sup>  
 :176. [Listed.]<sup>1 2</sup> Caucasus<sup>2</sup>  
 1899 *Hemitropis modesta* Puton, Cat. Hémip. Faune Pal. Trans-  
 :102. [Listed.]<sup>2</sup> caucasia<sup>3</sup>  
 1907 *Duilius modestus* Oshanin, Verz. Palaeark. Hemip. 2:  
 249. [Listed.]<sup>3</sup> Equals *Hemitropis modesta* Horv.  
 1912 *Duilius modestus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]<sup>2</sup>

**plagiata** Lethierry

- 1888 *Haplacha plagiata* Lethierry, Ann. Mus. Genova (2) 6: Nias I.<sup>1</sup>  
 466. [n. sp.]<sup>1</sup> (East Indies)

*punctata* Lallemand (var.). See *Hemitropis seticulosus* var. *punctata* Lallemand.

**seticulosa** Lethierry

- 1872 *Haplacha seticulosa* Fieber, Kat. Europäischen Cicad. Algeria<sup>1</sup>  
 :3. [Listed.] [nom. nud.]<sup>1</sup> Sardinia<sup>2</sup>  
 1874 *Haplacha seticulosa* Lethierry, Pet. Nouv. Ent. 1: 444. Spain<sup>3</sup>  
 [n. sp.]<sup>1</sup> Tunis<sup>4</sup>  
 1875 *Haplacha seticulosa* Puton, Cat. Hémip. d'Europe 2d. Italy<sup>5</sup>  
 E. :111. [Listed.]<sup>1</sup>  
 1876 *Haplacha seticulosa* Fieber, Cicad. d'Europe Pt. 2: 166 (156). [n. sp.]<sup>1</sup>  
 1876 *Haplacha seticulosa* Lethierry and Puton, Ann. Soc. Ent. France (5) 6:  
 43; Pl. 2, Fig. 1. [Described, illustrated.]<sup>1</sup> :19. [Listed.]  
 \*1882 *Haplacha irrorata* Costa, Atti. Acc. Sci. Napoli 9 (16): 423. [nom. nud.]  
 1883 *Haplacha seticulosa* Puton, Rev. Ent. 2: 286. [Listed.]<sup>2</sup> :287. Equals  
*Haplacha irrorata* Costa.  
 1886 *Haplacha seticulosa* Puton, Cat. Hémip. Faune Pal. :68. [Listed.]<sup>1 2</sup>  
 Equals *Haplacha irrorata* Costa.  
 1888 *Haplacha seticolusa* [sic] Costa, Atti Acc. Sci. Napoli (2) 1 (2): 70.  
 [Listed.]<sup>5</sup>  
 1888 *Haplacha seticulosa* Costa, Atti Acc. Sci. Napoli (2) 1 (9): 39. [Listed.]<sup>5</sup>  
 1899 *Hemitropis seticulosa* Puton, Cat. Hémip. Faune Pal. :102. [Listed.]<sup>1 2</sup>  
 Equals *Hemitropis irrorata* Costa.  
 1900 *Hemitropis seticulosa* Fokker, Tijdschr. Ent. 42: 24. [Listed.]<sup>1</sup>  
 1907 *Duilius seticulosus* Oshanin, Verz. Palaeark. Hemip. 2: 249. [Listed.]<sup>1 2</sup>  
 Equals *Haplacha seticulosa* Leth. Equals *Haplacha irrorata* Costa. Equals  
*Hemitropis seticulosa* Put.  
 1908 *Duilius seticulosus* Oshanin, Verz. Palaeark. Hemip. 3: 447. [Listed.]<sup>3 4</sup>  
 1912 *Duilius seticulosus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]<sup>1 2, 3, 4</sup>  
 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.]<sup>1</sup> Somaliland<sup>1</sup>

**tamaricis** Puton and Lethierry

1887 *Haplacha tamaricis* Puton and Lethierry, Rev. Ent. 6: Russia<sup>1</sup>  
309. [n. sp.]<sup>1</sup> Turkestan<sup>2</sup>

1899 *Hemitropis tamaricis* Puton, Cat. Hémip. Faune Pal.  
:102. [Listed.]<sup>1</sup>

1907 *Duilius tamaricis* Oshanin, Verz. Palaeark. Hemip. 2: 249. [Listed.]<sup>1,2</sup>  
Equals *Hemitropis tamaricis* Put. Equals *Haplacha tamaricis* Leth.

1912 *Duilius tamaricis* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]<sup>1,2</sup>

**viridula** Horváth

1895 *Haplacha viridula* Horváth, Rev. Ent. 14: 162. [n. sp.]<sup>1</sup> Sicily<sup>1</sup>

1899 *Hemitropis viridula* Puton, Cat. Hémip. Faune Pal.  
:102. [Listed.]<sup>1</sup>

1907 *Duilius viridulus* Oshanin, Verz. Palaeark. Hemip. 2: 249. [Listed.]<sup>1</sup>  
Equals *Haplacha viridula* Horv. Equals *Hemitropis viridulus* Put.

1912 *Duilius viridulus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]<sup>1</sup>

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. India<sup>1</sup>  
[n. sp.]<sup>1</sup>

*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). Japan<sup>1</sup>  
[n. sp.]<sup>1</sup>

*Kuvera*

- 1907 *Oliarius* [sic] *flaviceps* Oshanin, Verz. Palaeark. Hemip. 2: 240. [Listed.]<sup>1</sup>  
 1912 *Oliarius flaviceps* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]<sup>1</sup>  
 1914 *Kuvera flaviceps* Matsumura, Annot. Zool. Japonenses 8: 407; Fig. 2. [Described, illustrated.]<sup>1</sup> Equals *Oliarius flaviceps* Mats.  
 1931 *Kuvera flaviceps* Matsumura, 6000 Ill. Ins. Japan Empire :1268. [Described, illustrated.]<sup>1</sup>  
 1932 *Kuvera flaviceps* Esaki, Iconographia Insectorum Japonicorum :1774. [Described, illustrated.]<sup>1</sup>  
 1933 *Kuvera flaviceps* Kato, Illustrated Insects of Japan 4: Pl. 11, Fig. 9. [Illustrated.]<sup>1</sup>

**flaviceps** var. **costalis** Matsumura

- 1914 *Kuvera flaviceps costalis* Matsumura, Annot. Zool. Japonenses 8: 409. [var. n.]<sup>1</sup>

**flaviceps** var. **curvata** Matsumura

- 1914 *Kuvera flaviceps curvata* Matsumura, Annot. Zool. Japonenses 8: 408. [var. n.]<sup>1</sup>

**flaviceps** var. **fumata** Matsumura

- 1914 *Kuvera flaviceps fumata* Matsumura, Annot. Zool. Japonenses 8: 409. [var. n.]<sup>1</sup>

**flaviceps** var. **pallidula** Matsumura

- 1914 *Kuvera flaviceps pallidula* Matsumura, Annot. Zool. Japonenses 8: 409. [var. n.]<sup>1</sup>

**flaviceps** var. **vittata** Matsumura

- 1914 *Kuvera flaviceps vittata* Matsumura, Annot. Zool. Japonenses 8: 408. [var. n.]<sup>1</sup>

*fumata* Matsumura (var.). See *Kuvera flaviceps* var. *fumata* Matsumura.

**ligustri** Matsumura

- 1914 *Kuvera ligustri* Matsumura, Annot. Zool. Japonenses 8: 409. [n. sp.]<sup>1</sup>

**longipennis** Matsumura

- 1914 *Kuvera longipennis* Matsumura, Annot. Zool. Japonenses 8: 411. [n. sp.]<sup>1</sup>  
 1915 *Kuvera longipennis* Schumacher, Homop.-Fauna Insel Formosa :114. [Listed.]<sup>1</sup>

*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.]<sup>1</sup>

**tappanella** Matsumura

- 1914 *Kuvera tappanella* Matsumura, Annot. Zool. Japo- Formosa<sup>1</sup>  
nenses 8: 410. [n. sp.]<sup>1</sup>
- 1915 *Kuvera tappanella* Schumacher, Homop.-Fauna Insel Formosa :114.  
[Listed.]<sup>1</sup>

**toroensis** Matsumura

- 1914 *Kuvera toroensis* Matsumura, Annot. Zool. Japonenses Formosa<sup>1</sup>  
8: 410. [n. sp.]<sup>1</sup>
- 1915 *Kuvera toroensis* Schumacher, Homop.-Fauna Insel Formosa :114.  
[Listed.]<sup>1</sup>

*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. Japo- Formosa<sup>1</sup>  
nenses 8: 417. [n. sp.]<sup>1</sup> Japan<sup>2</sup>
- 1915 *Betacixius brunneus* Schumacher, Homop.-Fauna Insel  
Formosa :114. [Listed.]<sup>1</sup>
- 1932 *Betacixius brunneus* Esaki, Iconographia Insectorum Japonicorum :1774.  
[Described, illustrated.]<sup>2</sup>

**clypealis** Matsumura

- 1914 *Betacixius clypealis* Matsumura, Annot. Zool. Japo- Formosa<sup>1</sup>  
nenses 8: 415. [n. sp.]<sup>1</sup>
- 1915 *Betacixius clypealis* Schumacher, Homop.-Fauna Insel Formosa :114.  
[Listed.]<sup>1</sup>

**clypealis** var. **vittifrons** Matsumura

- 1914 *Betacixius clypealis vittifrons* Matsumura, Annot. Zool. Formosa<sup>1</sup>  
Japonenses 8: 416. [n. var.]<sup>1</sup>
- 1915 *Betacixius clypealis vittifrons* Schumacher, Homop.-Fauna Insel Formosa  
:114. [Listed.]<sup>1</sup>

**kumejimae** Matsumura

- 1914 *Betacixius kumejimae* Matsumura, Annot. Zool. Japo- Okinawa<sup>1</sup>  
nenses 8: 415. [n. sp.]<sup>1</sup> (Ryukyu  
Islands)



*Betacixius*—*Aka***obliquus** Matsumura

- 1914 *Betacixius obliquus* Matsumura, Annot. Zool. Japoneses 8: 414. [n. sp.]<sup>1</sup> Japan<sup>1</sup>  
 1932 *Betacixius obliquus* Esaki, Iconographia Insectorum Japonicorum :1775. [Described, illustrated.]<sup>1</sup>

**obliquus** var. *pallens* Matsumura

- 1914 *Betacixius obliquus pallens* Matsumura, Annot. Zool. Japonenses 8: 415. [n. var.]<sup>1</sup> Japan<sup>1</sup>

**ocellatus** Matsumura

- 1914 *Betacixius ocellatus* Matsumura, Annot. Zool. Japonenses 8: 412; Fig. 3. [Illustrated, n. sp.]<sup>1</sup> Formosa<sup>1</sup> Japan<sup>2</sup>  
 1915 *Betacixius ocellatus* Schumacher, Homop.-Fauna Insel Formosa :114. [Listed.]<sup>1</sup>  
 1932 *Betacixius ocellatus* Esaki, Iconographia Insectorum Japonicorum :1775. [Described, illustrated.]<sup>2</sup>

*pallens* Matsumura [var.]. See *Betacixius obliquus* var. *pallens* Matsumura.**rinkihonis** Matsumura

- 1914 *Betacixius rinkihonis* Matsumura, Annot. Zool. Japonenses 8: 417. [n. sp.]<sup>1</sup> Formosa<sup>1</sup>  
 1915 *Betacixius rinkihonis* Schumacher, Homop.-Fauna Insel Formosa :114. [Listed.]<sup>1</sup>

**tonkinensis** Matsumura

- 1914 *Betacixius tonkinensis* Matsumura, Annot. Zool. Japonenses :413. [n. sp.]<sup>1</sup> French Indo-China<sup>1</sup> ;

*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 Zealand<sup>1</sup> Kermadec  
 Suppl. :81. [n. sp.]<sup>1</sup>

- 1874 *Cixius finitimus* Hutton, Trans. New Zealand Inst. 6: 170. [Listed.] Island<sup>2</sup>
- 1879 *Aka finitima* White, Ent. Monthly Mag. 15: 216. [Listed.]<sup>1</sup> Equals *Cixius finitimus* Walk.
- 1898 *Aka finitima* Hutton, Trans. New Zealand Inst. 30: 186. [Described.]<sup>1</sup> Equals *Cixius finitima* Walk.
- 1904 *Aka finitima* Hutton, Index Faunae Novae Zealandiae :225. [Listed.]<sup>1</sup>
- 1909 *Aka finitima* Kirkaldy, Trans. New Zealand Inst. 41: 29. [Listed.]
- 1921 *Aka finitima* Myers, Trans. New Zealand Inst. 53: 257. [Notes.]<sup>2</sup>
- 1924 *Aka finitima* Myers, Trans. New Zealand Inst. 55: 326; Pl. 24, Figs. 4, 5. [Described, illustrated.]<sup>1</sup> Equals *Cixius finitimus* Walk.

**hardyi** Muir

- 1931 *Aka hardyi* Muir, Rec. Australia Mus. 18: 64. [n. sp.]<sup>1</sup> Tasmania<sup>1</sup>

**tasmani** Muir

- 1931 *Aka tasmani* Muir, Rec. Australian Mus. 18: 63; Fig. 1. [n. sp., illustrated.]<sup>1</sup> Tasmania<sup>1</sup>

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.]<sup>1</sup> Brazil<sup>1</sup>

**moerens** Stål

- 1862 *Diacira moerens* Stål, Bidr. Rio Janeiro-trakt. Hemip. 2: 3. [n. sp.]<sup>1</sup> Brazil<sup>1</sup>

**bicarinata** Fabricius

- 1803 *Flata bicarinata* Fabricius, Systema Rhyng. :52. [n. sp.]<sup>1</sup> South America<sup>1</sup>
- 1835 *Cixia bicarinata* Burmeister, Handb. Ent. 2 (1): 158. Equals *Flata bicarinata* Fabr. Brazil<sup>2</sup>
- 1850 *Cixius bicarinatus* Schaum, Allg. Ency. Ersch und Gruber 51: 68. [Listed.]<sup>2</sup> Equals *Flata bicarinatus* Fabr.

*Sevia*—*Mundopa*

- 1851 *Cixius bicarinatus* Walker, List Homop. British Mus. 2: 342. [Listed.]<sup>2</sup>  
 Equals *Flata bicarinata* Fabr.  
 1859 *Cixius bicarinatus* Dohrn, Cat. Hemip. :60. [Listed.]<sup>2</sup>  
 1869 *Sevia bicarinata* Stål, Hemip. Fabriciana 2: 95. [Described.]<sup>1</sup> :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.]<sup>1</sup> Guadeloupe<sup>1</sup>  
 (West Indies)  
 1882 *Diacira substigmatica* Reuter, Zool. Jahrb. Syst. 2: 282.  
 [Listed.]<sup>1</sup>

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.]<sup>1</sup> Borneo<sup>1</sup>

**balteata** Distant

- 1911 *Mundopa balteata* Distant, Ann. Mag. Nat. Hist. (8) 8: 743. [n. sp.]<sup>1</sup> Ceylon<sup>1</sup>  
 1916 *Mundopa balteata* Distant, Fauna British India 6: 42. [Described.]<sup>1</sup>

**caliginea** Muir

- 1913 *Mundopa caliginea* Muir, Proc. Hawaiian Ent. Soc. 2: 262. [n. sp.]<sup>1</sup> Borneo<sup>1</sup>

**campbelli** Distant

- 1916 *Mundopa campbelli* Distant, Fauna British India 6: 41; Fig. 27. [Illustrated, n. sp.]<sup>1</sup> South India<sup>1</sup>

**cingalensis** Distant

1906 *Mundopa cingalensis* Distant, Fauna British India 3: 263; Fig. 119. [Illustrated, n. sp.]<sup>1</sup> Ceylon<sup>1</sup>

**dohertyi** Distant

1906 *Mundopa dohertyi* Distant, Fauna British India 3: 265. [n. sp.]<sup>1</sup> Tenasserim<sup>1</sup>

**fasciata** Distant

1906 *Mundopa fasciata* Distant, Fauna British India 3: 265. [n. sp.]<sup>1</sup> Tenasserim<sup>1</sup>

**fasciolata** Muir

1913 *Mundopa fasciolata* Muir, Proc. Hawaiian Ent. Soc. 2: 261. [n. sp.]<sup>1</sup> Borneo<sup>1</sup>

**greeni** Distant

1906 *Mundopa greeni* Distant, Fauna British India 3: 264. [n. sp.]<sup>1</sup> Ceylon<sup>1</sup>

*kotoshensis*. Tyographical error for *Mundopa kotoshonis* Matsumura.

**kotoshonis** Matsumura

1914 *Mundopa kotoshonis* Matsumura, Annot. Zool. Japonenses 8: 430. [n. sp.]<sup>1</sup> Kotoshō I.<sup>1</sup> (Formosa)

1915 *Mundopa kotoshensis* [sic] Schumacher, Homop.-Fauna Insel Formosa :115. [Listed.]<sup>2</sup> Formosa<sup>2</sup>

1931 *Mundopa kotoshensis* [sic] Kato, Bull. Biogeo. Soc. Japan 2: 8. [Listed.]<sup>1</sup>

**lunata** Muir

1913 *Mundopa lunata* Muir, Proc. Hawaiian Ent. Soc. 2: 261. [n. sp.]<sup>1</sup> Borneo<sup>1</sup>

**myittae** Distant

1906 *Mundopa myittae* Distant, Fauna British India 3: 264. [n. sp.]<sup>1</sup> Tenasserim<sup>1</sup>

**neocaliginea** Muir

1913 *Mundopa neocaliginea* Muir, Proc. Hawaiian Ent. Soc. 2: 262. [n. sp.]<sup>1,2</sup> Malay Peninsula<sup>1</sup>  
Borneo<sup>2</sup>

*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.]<sup>1</sup> [nom. praeoc.] Borneo<sup>1</sup>

1859 *Cixius pallens* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup>

*Mundopa*—*Bothriocerodes*

- 1907 *Mundopa pallens* Distant, Ann. Mag. Nat. Hist. (7) 19: 277. [Listed.]<sup>1</sup>  
 Equals *Cixius pallens* Walk.

**pashokensis** Muir

- 1922 *Mundopa pashokensis* Muir, Rec. Indian Mus. 24: 346. India<sup>1</sup>  
 [n. sp.]<sup>1</sup>

**regina** Distant

- 1911 *Mundopa regina* Distant, Ann. Mag. Nat. Hist. (8) 8: Travancore<sup>1</sup>  
 743. [n. sp.]<sup>1</sup> (India)  
 1916 *Mundopa regina* Distant, Fauna British India 6: 42.  
 [Described.]<sup>1</sup>

**sexmaculata** Melichar

- 1914 *Mundopa sexmaculata* Melichar, Notes Leyden Mus. Java<sup>1</sup>  
 36: 96; Pl. 3, Fig. 2. [Illustrated, n. sp.]<sup>1</sup>

**sita** Distant

- 1916 *Mundopa sita* Distant, Fauna British India 6: 42; Fig. South  
 28. [Illustrated, n. sp.]<sup>1</sup> India<sup>1</sup>  
 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: Ceylon<sup>1</sup>  
 743. [n. sp.]<sup>1,2</sup> India<sup>2</sup>  
 1916 *Mundopa vagans* Distant, Fauna British India 6: 41; Fig.  
 26. [Described, illustrated.]<sup>1,2</sup>  
 1922 *Mundopa vagans* Muir, Rec. Indian Mus. 24: 346. [Notes.]<sup>2</sup>

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- Panama<sup>1</sup>  
 Americana 1: 85; Pl. IX, Figs. 21, 21a, 21b. [Illustrated,  
 n. sp.]<sup>1</sup>

*metallicus* Fowler. See *Muirolonia metallicus* Fowler.

**variegatus** Fowler

- 1904 *Bothriocerodes variegatus* Fowler, *Biologia Centrali-Americana* **1**: 85; Pl. IX, Figs. 20, 20a. [Illustrated, n. sp.]<sup>1</sup> Guatemala<sup>1</sup>

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. Japonenses* **8**: 394; Fig. 1. [n. sp., illustrated.]<sup>1</sup> Japan<sup>1</sup>  
 Formosa<sup>2</sup>  
 1915 *Macrocixius giganteus* [sic] Schumacher, *Homop.-Fauna Insel Formosa* :112. [Listed.]<sup>1,2</sup> Equals *Macrocixius giganteus* Mats.  
 1915 *Macrocixius giganteus* Schumacher, *Suppl. Ent.* **4**: 131. [Listed.]<sup>2</sup>

*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. Assoc.* **1**: 401. [n. sp.]<sup>1</sup> New South Wales<sup>1</sup>

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 Ci- Switzerland<sup>1</sup>  
 cad. :3. [Listed.] [nom. nud.] France<sup>2</sup>  
 1875 *Trigonocranus emmeae* Puton, Cat. Hémip. d'Europe Germany<sup>3</sup>  
 2d. E. :112. [Listed.] [nom. nud.]  
 1876 *Trigonocranus emmeae* Fieber, Cicad. d'Europe Pt. 2: 168 (158). [n. sp.]<sup>1</sup>  
 1884 *Trigonocranus emmeae* Mayr, Tabellen :16. [Listed.]<sup>1</sup>  
 1886 *Trigonocranus emmeae* Puton, Cat. Hémip. Faune Pal. :68. [Listed.]<sup>1,2</sup>  
 1899 *Trigonocranus emmeae* Puton, Cat. Hémip. Faune Pal. :102. [Listed.]<sup>1,2</sup>  
 1904 *Trigonocranus emmeae* Hueber, Syst. Verz. deutschen Zikadinen :267.  
 [Listed.]<sup>3</sup>  
 1907 *Trigonocranus emmeae* Oshanin, Verz. Palaeark. Hemip. 2: 247. [Listed.]  
 1,2  
 1912 *Trigonocranus emmeae* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]<sup>1,2</sup>

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.]  
*Tirrhacus* [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. Sardinia<sup>1</sup>  
 Italiana 15: 339. [n. sp.]<sup>1</sup> Italy<sup>2</sup>  
 1886 *Trirhacus formosissimus* Puton, Cat. Hémip. Faune Pal.  
 :69. [Listed.]<sup>1</sup>  
 1888 *Trirhacus formosissimus* Costa, Atti Acc. Sci. Napoli (2) 1 (2): 70.  
 [Listed.]<sup>2</sup>  
 \*1888 *Trirhacus formosissimus* Costa, Atti Acc. Sci. Napoli (2) 1 (2): 102.  
 [Described.]  
 1899 *Trirhacus formosissimus* Puton, Cat. Hémip. Faune Pal. :102. [Listed.]<sup>1</sup>  
 1907 *Trirhacus formosissimus* Oshanin, Verz. Palaeark. Hemip. 2: 247.  
 [Listed.]<sup>1</sup>  
 1912 *Trirhacus formosissimus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]<sup>1</sup>

**iguchii** Matsumura

- 1914 *Trirhacus iguchii* Matsumura, Annot. Zool. Japonenses Japan<sup>1</sup>  
 8: 407. [n. sp.]<sup>1</sup>

**setulosus** Fieber

- 1872 *Trirhacus setulosus* Fieber, Kat. Europäischen Cicad. Greece<sup>1</sup>  
 :3. [Listed.]<sup>1</sup> [nom. nud.] Spain<sup>2</sup>  
 1875 *Trirhacus setulosus* Puton, Cat. Hemip. d'Europe 2 Ed. Bosnia<sup>3</sup>  
 :112. [Listed.]<sup>1</sup> [nom. nud.] South  
 1876 *Trirhacus setulosus* Fieber, Cicad. d'Europe Pt. 2: 175 Austria<sup>4</sup>  
 (165). [n. sp.]<sup>1</sup>  
 1886 *Trirhacus setulosus* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]<sup>1</sup>  
 1899 *Trirhacus setulosus* Puton, Cat. Hémip. Faune Pal. :102. [Listed.]<sup>1</sup>  
 1907 *Trirhacus setulosus* Oshanin, Verz. Palaeark. Hemip. 2: 247. [Listed.]<sup>1</sup>  
 1907 *Trirhacus setulosus* Melichar, Sitzber. Akad. Wiss. 116: 1038. [Listed.]<sup>2</sup>  
 1908 *Trirhacus setulosus* Reuter, Acta Soc. Sci. Fennicae 36 (1): 72. [Listed.]<sup>3</sup>  
 1910 *Trirhacus setulosus* Oshanin, Ann. Mus. Zool. St. Petersburg 15: 182.  
 [Listed.]<sup>3</sup>  
 1912 *Trirhacus setulosus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]<sup>1,4</sup>

**trichophorus** Melichar

- 1914 *Trirhacus trichophorus* Melichar, Wien Ent. Zeit. 33: Macedonia<sup>1</sup>  
 259. [n. sp.]<sup>1</sup>



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.]<sup>1</sup>1925 *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.]<sup>1</sup> Palestine<sup>2</sup>1907 *Oliarius* [sic] *fuscofasciatus* Oshanin, Verz. Palaeark. Hemip. 2: 238. [Listed.]<sup>1</sup>1912 *Oliarius fuscofasciatus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]<sup>1</sup>1927 *Pseudoliarus fuscofasciatus* Haupt, Homop. Palestine 1: 7. [Described.]<sup>2</sup> 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- Florida<sup>1</sup>  
 ington **4**: 510. [n. sp.]<sup>1</sup> Mexico<sup>2</sup>  
 1903 *Monorachis sordulentus* Henshaw, Psyche **10**: 228. Southern  
 [Listed.]<sup>1</sup> States<sup>3</sup>  
 1904 *Monorachis sordulentus* Swezey, Prelim. Cat. Fulgoridae Mississippi<sup>4</sup>  
 North America :21. [Listed.]<sup>1</sup>  
 1908 *Monorachis sordulentus* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia  
**1907**: 484. [Notes.]<sup>2</sup>  
 1914 *Monarchis* [sic] *sordulenta* Barber, Bull. American Mus. Nat. Hist. **33**:  
 527. [Listed.]<sup>1</sup>  
 1916 *Monorachis sordulentus* Van Duzee, Check List Hemip. America :79.  
 [Listed.]<sup>4</sup> Equals *Monorachis aspersa* Fowl. [error.]  
 1917 *Monorachis sordulentus* Van Duzee, Cat. Hemip. America :734. [Listed.]<sup>1,2</sup>  
 Equals *Metabrixia?* *aspersa* Fowl. [error.]  
 1921 *Monorachis* [sic] *sordulentus* Osborn, Florida Ent. **5**: 15. [Listed.]<sup>1</sup>  
 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.]<sup>4</sup>

### 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. Mahe<sup>1</sup>  
**17**: 280; Pl. 50, Figs. 21, 21a. [Illustrated, n. sp.]<sup>1,2</sup> Seychelles<sup>2</sup>  
 (Indian Ocean)

*Volcanalia***atrovaria** Distant

- 1917 *Volcanalia atrovarya* Distant, Trans. Linn. Soc. Zool. 17: 280; Pl. 50, Figs. 18, 18a. [Illustrated, n. sp.]<sup>1,2</sup> Seychelles<sup>1</sup>  
Silhouette<sup>2</sup>
- 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.]<sup>1,2</sup> Seychelles<sup>1</sup>  
Silhouette<sup>2</sup>

**cardui** Distant

- 1917 *Volcanalia cardui* Distant, Trans. Linn. Soc. Zool. 17: 281; Pl. 50, Figs. 20, 20a. [Illustrated, n. sp.]<sup>1,2</sup> Seychelles<sup>1</sup>  
Mahe<sup>2</sup>

**designata** Distant

- 1917 *Volcanalia designata* Distant, Trans. Linn. Soc. Zool. 17: 281, Fig. 1. [Illustrated, n. sp.]<sup>1,2</sup> Seychelles<sup>1</sup>  
Silhouette<sup>2</sup>

**fumosa** Distant

- 1917 *Volcanalia fumosa* Distant, Trans. Linn. Soc. Zool. 17: 282; Pl. 50, Figs. 17, 17a. [Illustrated, n. sp.]<sup>1,2,3</sup> Seychelles<sup>1</sup>  
Silhouette<sup>2</sup>
- 1925 *Volcanalia fumosa* Singh-Pruthi, Trans. Ent. Soc. London 1925: 224; Pl. XXX, Fig. 251. [Genitalia, illustrated.] Mahe<sup>3</sup>

**modesta** Distant

- 1917 *Volcanalia modesta* Distant, Trans. Linn. Soc. Zool. 17: 283; Pl. 50, Figs. 15, 15a. [n. sp., illustrated.]<sup>1,2,3</sup> Seychelles<sup>1</sup>  
Silhouette<sup>2</sup>  
Mahe<sup>3</sup>

**picturata** Distant

- 1917 *Volcanalia picturata* Distant, Trans. Linn. Soc. Zool. 17: 281; Pl. 50, Figs. 19, 19a. [Illustrated, n. sp.]<sup>1,2</sup> Seychelles<sup>1</sup>  
Silhouette<sup>2</sup>
- 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.]<sup>1,2</sup> Seychelles<sup>1</sup>  
Mahe<sup>2</sup>

**uniformis** Distant

- 1917 *Volcanalia uniformis* Distant, Trans. Linn. Soc. Zool. 17: 283. [n. sp.]<sup>1,2,3</sup> Seychelles<sup>1</sup>  
Silhouette<sup>2</sup>  
Mahe<sup>3</sup>

**varicolor** Distant

- 1917 *Volcanalia varicolor* Distant, Trans. Linn. Soc. Zool. **17**: 282; Pl. 50, Figs. 16, 16a. [Illustrated, n. sp.]<sup>1,2</sup> Seychelles<sup>1</sup>  
Silhouette<sup>2</sup>

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.]<sup>1</sup> Sula<sup>1</sup>  
(Molucca I.)  
1907 *Brixia concinnula* Distant, Ann. Mag. Nat. Hist. (7) **19**: 285. [Mutilated.]<sup>1</sup>  
1925 *Colvanalia concinnula* Muir, Pan-Pacific Ent. **1**: 162, [Listed.]<sup>1</sup> 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.]<sup>1</sup> Queensland<sup>1</sup>  
Australia<sup>2</sup>  
1928 *Calamister obscurus* Jacobi, Mjoberg's Exp. Australia :36; Fig. 22. [Described, illustrated.]<sup>2</sup>

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.]<sup>1</sup> Australia<sup>1</sup>  
 1906 *Cajeta singularis* Kirkaldy, Bull. Hawaiian Sugar Pl. New South  
 Assoc. 1: 391. [Listed.]<sup>1</sup> Wales<sup>2</sup>  
 1922 *Bathymeria helmsi* Muir, Proc. Linn. Soc. New South  
 Wales 47: 63. [n. sp.]<sup>2</sup>  
 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. Hémipt. 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. Hémipt. 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 *Enti-*  
*thena* Fieb.  
 1894 Van Duzee, Bull. Buffalo Soc. Nat. Sci. **5**: 190. [Listed.]  
 1896 Melichar, Cicad. Mittel-Europa :20. [Described.] Equals *Enti-*  
*thena* Fieb. :18. [Key.]  
 1897 Horváth, Fauna Regni Hungariae :54. [Listed.]  
 1899 Puton, Cat. Hémipt. 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 *Enti-*  
*thena* 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. Tunis<sup>1</sup>  
 [n. sp.]<sup>1</sup>  
 1889 *Myndus beduinus* Puton, Cat. Hémip. Faune Pal. :102. [Listed.]<sup>1</sup>  
 1907 *Myndus beduinus* Oshanin, Verz. Palaeark. Hemip. **2**: 248. [Listed.]<sup>1</sup>  
 1908 *Myndus beduinus* Oshanin, Verz. Palaeark. Hemip. **3**: 447. [Listed.]<sup>1</sup>  
 1912 *Myndus beduinus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]<sup>1</sup>

**brunneus** Muir

- 1923 *Myndus brunneus* Muir, Philippine Jour. Sci. 22: 166; Amboina<sup>1</sup>  
Pl. 1, Fig. 9. [n. sp., illustrated.]<sup>1</sup> (East  
Indies)

**caliginus** Muir

- 1923 *Myndus caliginus* Muir, Philippine Jour. Sci. 22: 167; West  
Pl. 1, Fig. 11. [Illustrated, n. sp.]<sup>1</sup> Borneo<sup>1</sup>

**contaminatus** Valdes

- 1910 *Mynchus* [sic] *contaminatus* Valdes, An. Acad. Cien. Cuba<sup>1</sup>  
Habana 46: 443. [Listed.]<sup>1</sup> [nom. nud.]  
1914 *Myndus contaminatus* Valdes, Zool. Mus. Cubano "Gundlach" Cat. Gen.  
:103. [Listed.]<sup>1</sup> [nom. nud.]

**crudus** Van Duzee

- 1907 *Myndus crudus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. Jamaica<sup>1</sup>  
5: 33. [n. sp.]<sup>1</sup> Isle of Pines<sup>2</sup>  
1917 *Myndus crudus* Heidemann and Osborn, Ann. Carnegie (West Indies)  
Mus. 11: 348. [Listed.]<sup>2</sup> Cuba<sup>3</sup>  
1922 *Myndus crudus* Bruner, Rev. Agr. Com. Trav. 5: 15.  
[Economics.]<sup>3</sup>  
1926 *Myndus crudus* Osborn, Ann. Ent. Soc. America 19: 356. [Notes.]<sup>3</sup>  
1926 *Myndus crudus* Myers, Contr. Harvard Inst. Trop. Biol. and Med. 3: 86.  
[Notes.]<sup>3</sup>  
1928 *Myndus crudus* Myers, Studies on Cuban Insects :15. [Notes.]<sup>3</sup>

**delicatus** Van Duzee

- 1908 *Myndus delicatus* Van Duzee, Proc. Acad. Nat. Sci. North  
Philadelphia 1907: 492. [n. sp.]<sup>1</sup> Carolina<sup>1</sup>  
1914 *Myndus delicatus* Barber, Bull. American Mus. Nat. Southern  
Hist. 33: 527. [Listed.]<sup>3</sup> States<sup>2</sup>  
1916 *Myndus delicatus* Van Duzee, Check List Hemip. Florida<sup>3</sup>  
America :80. [Listed.]<sup>2</sup>  
1917 *Myndus delicatus* Van Duzee, Cat. Hemip. America :738. [Listed.]<sup>3</sup>  
1921 *Myndus delicatus* Osborn, Florida Ent. 5: 16. [Listed.]<sup>3</sup>  
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.]<sup>1</sup>

**dolosus** Muir

- 1923 *Myndus dolosus* Muir, Philippine Jour. Sci. 22: 165; Straits  
Pl. I, Fig. 7. [Illustrated, n. sp.]<sup>1,2</sup> Settlements<sup>1</sup>  
Penang  
Island<sup>2</sup>



*Myndus***dubius** Muir

- 1926 *Myndus dubius* Muir, Jour. Malayan Branch Roy. Asiatic Soc. **4**: 396. [n. sp.]<sup>1,2</sup> Siberut Islands<sup>1</sup>  
Sipora Islands<sup>2</sup>

**enotatus** Van Duzee

- 1909 *Myndus enotatus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **9**: 188. [n. sp.]<sup>1</sup> Florida<sup>1</sup>  
Southern States<sup>2</sup>
- 1914 *Myndus enotatus* Barber, Bull. American Mus. Nat. Hist. **33**: 527. [Listed.]<sup>1</sup> Georgia<sup>3</sup>
- 1916 *Myndus enotatus* Van Duzee, Check List Hemip. America :80. [Listed.]<sup>2</sup> Cuba<sup>4</sup>  
North Carolina<sup>5</sup>
- 1917 *Myndus enotatus* Van Duzee, Cat. Hemip. America :738. [Listed.]<sup>1,3</sup> Maryland<sup>6</sup>
- 1920 *Myndus enotatus* Metcalf and Osborn, Ann. Ent. Soc. America **13**: 113; Pl. XXII, Fig. 2. [Notes, illustrated.]<sup>5</sup> Mississippi<sup>7</sup>
- 1921 *Myndus enotatus* Osborn, Florida Ent. **5**: 16. [Listed.]<sup>1</sup>
- 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.]<sup>4</sup>
- 1928 *Myndus enotatus* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 76. [Key.] :77. [Described.]<sup>1,3,5,6,7</sup>

**fasciatus** Muir

- 1923 *Myndus fasciatus* Muir, Philippine Jour. Sci. **22**: 165; Pl. I, Fig. 8. [Illustrated, n. sp.]<sup>1</sup> Ambonia<sup>1</sup>  
(East Indies)

**fulvus** Osborn

- 1903 *Myndus fulvus* Osborn, Ohio Nat. **4**: 46. [n. sp.]<sup>1</sup> Ohio<sup>1</sup>
- 1904 *Myndus fulvus* Osborn, Ohio Nat. **4**: 100. [Listed.]<sup>1</sup> Eastern States<sup>2</sup>
- 1904 *Myndus fulvus* Swezey, Prelim. Cat. Fulgoridae North America :28. [Listed.]<sup>1</sup> Massachusetts<sup>3</sup>
- 1908 *Myndus fulvus* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia **1907**: 492. [Notes.] Connecticut<sup>4</sup>
- 1916 *Myndus fulvus* Van Duzee, Check List Hemip. America :80. [Listed.]<sup>2</sup>
- 1917 *Myndus fulvus* Van Duzee, Cat. Hemip. America :738. [Listed.]<sup>3,4,1</sup>
- 1920 *Myndus fulvus* Britton, Check-List Ins. Connecticut :46. [Listed.]<sup>4</sup>
- 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.]<sup>1,3,4</sup>
- 1928 *Myndus fulvus* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 76. [Key.]

**hyalinus** Muir

- 1923 *Myndus hyalinus* Muir, Philippine Jour. Sci. **22**: 163; Mindanao<sup>1</sup>  
Pl. 1, Fig. 4. [Illustrated, n. sp.]<sup>1</sup> (Philippine I.)

**impiger** Ball

- 1902 *Myndus impiger* Ball, Canadian Ent. **34**: 153. [n. sp.]<sup>1</sup> Colorado<sup>1</sup>  
1904 *Myndus impiger* Swezey, Prelim. Cat. Fulgoridae North Rocky  
America :28. [Listed.]<sup>1</sup> Mountains<sup>2</sup>  
1908 *Myndus impiger* Van Duzee, Proc. Acad. Nat. Sci.  
Philadelphia **1907**: 492. [Notes.]  
1916 *Myndus impiger* Van Duzee, Check List Hemip. America :80. [Listed.]<sup>2</sup>  
1917 *Myndus impiger* Van Duzee, Cat. Hemip. America :738. [Listed.]<sup>1</sup>  
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. Florida<sup>1</sup>  
**9**: 189. [n. sp.]<sup>1</sup> Southern  
1914 *Myndus lunatus* Barber, Bull. American Mus. Nat. States<sup>2</sup>  
Hist. **33**: 527. [Listed.]<sup>1</sup>  
1916 *Myndus lunatus* Van Duzee, Check List Hemip. America :80. [Listed.]<sup>2</sup>  
1917 *Myndus lunatus* Van Duzee, Cat. Hemip. America :738. [Listed.]<sup>1</sup>  
1921 *Myndus lunatus* Osborn, Florida Ent. **5**: 16. [Listed.]<sup>1</sup>  
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.]<sup>1</sup>

**maculosus** Muir

- 1923 *Myndus maculosus* Muir, Philippine Jour. Sci. **22**: 161; Luzon<sup>1</sup>  
Pl. 1, Fig. 1. [Illustrated, n. sp.]<sup>1</sup> (Philippine I.)

**mindanaoensis** Muir

- 1923 *Myndus mindanaoensis* Muir, Philippine Jour. Sci. **22**: Mindanao<sup>1</sup>  
162; Pl. 1, Fig. 2. [Illustrated, n. sp.]<sup>1</sup> (Philippine I.)

**mundus** Muir

- 1923 *Myndus mundus* Muir, Philippine Jour. Sci. **22**: 167; Borneo<sup>1</sup>  
Pl. 1, Fig. 10. [Illustrated, n. sp.]<sup>1</sup>

**musiva** Germar

- 1825 *Flata musiva* Germar, Fauna Ins. Europae Fasc. **11**: Pl. Germany<sup>1</sup>  
21. [n. sp., illustrated.]<sup>1</sup> Great  
1829 *Cixius musivus* Curtis, Guide Arrang. British Ins. :194. Britain<sup>2</sup>  
[Listed.]<sup>2,3</sup> Ireland<sup>3</sup>

*Myndus*

- 1830 *Flata musiva* Germar, Thon Archiv 2: 49. [Described.]<sup>1</sup> Europe<sup>4</sup>
- 1835 *Cixia musiva* Burmeister, Handb. Ent. 2 (1): 158. [Described.]<sup>1</sup> Equals *Flata musiva* Germ. England<sup>5</sup>  
France<sup>6</sup>
- 1835 *Flata musiva* Herrich-Schäffer, Nom. Ent. 1: 64. [Key.] Austria<sup>7</sup>  
:105. [Listed.] Belgium<sup>8</sup>
- 1837 *Flata musiva* Curtis, British Ent. 14: Pl. 673. [Listed.] Italy<sup>9</sup>
- 1837 *Cixius musivus* Curtis, Guide Arrang. British Ins. Ed. 2: Bohemia<sup>10</sup>  
223. [Listed.]<sup>2,3</sup> Serbia<sup>11</sup>
- 1850 *Cixius musivus* Schaum, Allg. Ency. Ersch und Gruber Hungary<sup>12</sup>  
51: 68. [Listed.]<sup>4</sup> Equals *Flata musivus* Germ. Rumania<sup>13</sup>
- 1851 *Cixius musivus* Walker, List Homop. British Mus. 2: Switzerland<sup>14</sup>  
339. [Listed.]<sup>4</sup> Equals *Flata musiva* Germ. Equals *Cixia*  
*musiva* Burm. Trans-caucasus<sup>15</sup>
- 1859 *Cixius musivus* Dohrn, Cat. Hemip. :60. [Listed.]<sup>4</sup> S. Europe<sup>16</sup>
- 1860 *Cixius musivus* Walker, List British Hemip. :16. Caucasus<sup>17</sup>  
[Listed.]<sup>5</sup> Russia<sup>18</sup>
- 1862 *Flata musiva* Curtis, Homop. British Ent.: Pl. 673. Netherlands<sup>19</sup>  
[Listed.] Moravia<sup>20</sup>
- 1862 *Myndus musivus* Stål, Berliner Ent. Zeit. 6: 307. Moscou<sup>21</sup>  
[Listed.]
- 1866 *Cixius musivus* Bellevoye, Cat. Hémip. Moselle :142 (30). [Listed.]<sup>6</sup>
- 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.]<sup>1</sup>
- 1870 *Cixius musivus* Oshanin, "Cat. Hemip. Moscou" :45. [Listed.]<sup>21</sup>
- 1872 *Myndus musivus* Fieber, Kat. Europäischen Cicad. :3. [Listed.]<sup>1</sup>
- 1875 *Myndus musivus* Puton, Cat. Hémip. d'Europe 2d. Ed. :112. [Listed.]<sup>4</sup>
- 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.]<sup>6</sup>
- 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.]<sup>1,6,7</sup>
- 1885 *Myndus musivus* Ivanoff, Liste des Cigales :109. [Described.] :88. [Listed.]
- 1886 *Myndus musivus* Puton, Cat. Hémip. Faune Pal. :68. [Listed.]<sup>4</sup>
- 1886 *Myndus musivus* Then, Kat. österreichischen Cicad. :10. [Listed.]<sup>7</sup>
- 1892 *Myndus musivus* Spitzner, Hemip. Mährens :(26). [Listed.]<sup>20</sup>
- 1892 *Myndus musivus* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>8</sup>
- 1892 *Myndus musivus* Ferrari, Ann. Mus. Genova (2) 12: 568 (20). [Listed.]<sup>9</sup>
- 1892 *Myndus musivus* Duda, Cat. Ins. Faunae Bohemicae :27. [Listed.]<sup>10</sup>
- 1894 *Myndus musivus* Horváth, Rev. Ent. 13: 176. [Listed.]<sup>15,18</sup>
- 1896 *Myndus musivus* Melichar, Cicad. Mittel-Europa :20; Pl. II, Figs. 5-9. [Described, illustrated.]<sup>1,6,7,20</sup> Equals *Flata musivus* Germ. Equals *Cixius musivus* Marsh. Equals *Entithena musivus* Kb.

- 1897 *Myndus musivus* Horváth, Fauna Regni Hungariae :54. [Listed.]<sup>12</sup>  
 1899 *Myndus musivus* Puton, Cat. Hémip. Faune Pal. :102. [Listed.]<sup>4</sup>  
 1901 *Myndus musivus* Lambertie, Act. Soc. Linn. Bordeaux **56**: (85). [Listed.]<sup>6</sup>  
 1902 *Myndus musivus* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) **2**: 221. [Listed.]<sup>6</sup>  
 1903 *Myndus musivus* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste **21**: 58. [Listed.]<sup>7</sup>  
 1903 *Myndus musivus* Horváth, Ann. Mus. Nat. Hungarici **1**: 27. [Listed.]<sup>1</sup>  
 1904 *Myndus musivus* Hueber, Syst. Verz. deutschen Zikadinen :267. [Listed.]<sup>1</sup>  
 1907 *Myndus musivus* Oshanin, Verz. Palaeark. Hemip. **2**: 248. [Listed.]<sup>1,6,7,9,12,13,14,15,18</sup> Equals *Flata musiva* Germ. Equals *Entilthena musiva* Fieb.  
 1910 *Myndus musivus* Lambertie, Misc. Ent. **18**: 88. [Listed.]<sup>6</sup>  
 1912 *Myndus musivus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]<sup>16,17</sup>  
 1913 *Myndus musivus* Melichar, Faune Walouyki Russie **7**: 5. [Listed.]<sup>18</sup>  
 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.]<sup>19</sup>  
 1925 *Myndus musivus* Della Beffa, Boll. Soc. Ent. Italiana **57**: 147. [Listed.]<sup>9</sup>  
 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; Luzon<sup>1</sup>  
 Pl. 1, Fig. 5. [Illustrated, n. sp.]<sup>1</sup> (Philippine I.)

#### occidentalis Van Duzee

- 1914 *Myndus occidentalis* Van Duzee, Trans. San Diego Soc. California<sup>1</sup>  
 Nat. Hist. **2**: 39. [n. sp.]<sup>1</sup> Pacific  
 1916 *Myndus occidentalis* Van Duzee, Check List Hemip. States<sup>2</sup>  
 America :80. [Listed.]<sup>2</sup> Lower  
 1917 *Myndus occidentalis* Van Duzee, Cat. Hemip. America California<sup>3</sup>  
 :739. [Listed.]<sup>1</sup>  
 1923 *Myndus occidentalis* Van Duzee, Proc. California Acad. Sci. (4) **12**: 191. [Listed.]<sup>3</sup>  
 1928 *Myndus occidentalis* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 76. [Key.]

#### palawanensis Muir

- 1923 *Myndus palawanensis* Muir, Philippine Jour. Sci. **22**: Palawan<sup>1</sup>  
 162; Pl. I, Fig. 3. [Illustrated, n. sp.]<sup>1,2,3,4,5</sup> Mindanao<sup>2</sup>  
 (Philippine I.)  
 Borneo<sup>3</sup>  
 Larat<sup>4</sup>  
 Ceram<sup>5</sup>  
 (East Indies)

*Myndus***pictifrons** Stål

- 1862 *Myndus pictifrons* Stål, Berliner Ent. Zeit. **6**: 307. New Jersey<sup>1</sup>  
[n. sp.]<sup>1</sup> Ohio<sup>2</sup>
- 1904 *Myndus pictifrons* Osborn, Ohio Nat. **4**: 100. [Listed.]<sup>2</sup> New York<sup>3</sup>
- 1904 *Myndus pictifrons* Swezey, Prelim. Cat. Fulgoridae District of  
North America :28. [Listed.]<sup>1,2,3,4</sup> Columbia<sup>4</sup>
- 1908 *Myndus pictifrons* Van Duzee, Proc. Acad. Nat. Sci. New  
Philadelphia **1907**: 491. [Notes.]<sup>3,5</sup> Hampshire<sup>5</sup>
- 1910 *Oicleus* [sic] *pictifrons* Valdes, An. Acad. Cien. Habana North  
**46**: 443. [Listed.]<sup>7</sup> Carolina<sup>6</sup>
- 1914 *Myndus pictifrons* Valdes, Zool. Mus. Cubano "Gund- Cuba<sup>7</sup>  
lach" Cat. Gen. :103. [Listed.]<sup>7</sup> Eastern
- 1915 *Myndus pictifrons* Metcalf, Jour. Elisha Mitchell Soc. States<sup>8</sup>  
**31**: 43 (11). [Listed.]<sup>6</sup> Mississippi<sup>9</sup>
- 1916 *Myndus pictifrons* Van Duzee, Check List Hemip. America :80. [Listed.]<sup>8</sup>
- 1917 *Myndus pictifrons* Van Duzee, Cat. Hemip. America :738. [Listed.]<sup>1,2,3,4,6</sup>
- 1923 *Myndus pictifrons* Van Duzee, Fulgoridae Hemip. Connecticut :35.  
[Described, key.]<sup>3,4</sup>
- 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.]<sup>1,2,3,4,6,9</sup> :76. [Key.]
- 1928 *Myndus pictifrons* Metcalf, Mem. Cornell Uni. Agr. Exp. Sta. **101**: 177.  
[Listed.]<sup>3</sup>

**pusillus** Van Duzee

- 1909 *Myndus pusillus* Van Duzee, Bull. Buffalo Soc. Nat. Florida<sup>1</sup>  
Sci. **9**: 190. [n. sp.]<sup>1</sup> Southern
- 1914 *Myndus pusillus* Barber, Bull. American Mus. Nat. States<sup>2</sup>  
Hist. **33**: 527. [Listed.]<sup>1</sup> Mississippi<sup>3</sup>
- 1916 *Myndus pusillus* Van Duzee, Check List Hemip. America :80. [Listed.]<sup>2</sup>
- 1917 *Myndus pusillus* Van Duzee, Cat. Hemip. America :738. [Listed.]<sup>1</sup>
- 1921 *Myndus pusillus* Osborn, Florida Ent. **5**: 16. [Listed.]<sup>1</sup>
- 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.]<sup>1,3</sup>

**radicis** Osborn

- 1903 *Myndus radicis* Osborn, Ohio Nat. **4**: 42. [n. sp.]<sup>1</sup> Ohio<sup>4</sup>
- 1904 *Myndus radicis* Osborn, Ohio Nat. **4**: 100. [Listed.]<sup>1</sup> United
- 1904 *Myndus radiciis* [sic] Osborn, Bull. United States Dept. States<sup>2</sup>  
Agr. Div. Ent. N. S. **46**: 89. [Life History.]<sup>1</sup> Eastern
- 1904 *Myndus radicis* Osborn, Proc. Soc. Prom. Agr. Sci. **25**: States<sup>3</sup>  
35. [Economics.]<sup>2</sup>

- 1904 *Myndus radialis* Swezey, Prelim. Cat. Fulgoridae North America :28 [Listed.]<sup>1</sup>  
 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.]<sup>3</sup>  
 1917 *Myndus radialis* Van Duzee, Cat. Hemip. America :739. [Listed.]<sup>1</sup>  
 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: Samoa<sup>1</sup>  
 566; Fig. 6. [Illustrated, n. sp.]<sup>1</sup>  
 1927 *Myndus roggweini* Muir, Fulgoroidea of Samoa :5. [Notes.]<sup>1</sup>

**semialbus** Muir

- 1923 *Myndus semialbus* Muir, Philippine Jour. Sci. 22: 164; Luzon<sup>1</sup>  
 Pl. I, Fig. 6. [Illustrated, n. sp.]<sup>1</sup> (Philippine I.)

**semibrunneus** Muir

- 1927 *Myndus semibrunneus* Muir, Fulgoroidea of Samoa :5; Samoa<sup>1</sup>  
 Fig. 4. [Illustrated, n. sp.]<sup>1</sup>

**seminiger** Muir

- 1927 *Myndus seminiger* Muir, Fulgoroidea of Samoa :6; Fig. Samoa<sup>1</sup>  
 6. [Illustrated, n. sp.]<sup>1</sup>

**slossoni** Ball

- 1902 *Myndus slossoni* Ball, Canadian Ent. 34: 154. [n. sp.]<sup>1</sup> Florida<sup>1</sup>  
 1904 *Myndus slossoni* Swezey, Prelim. Cat. Fulgoridae Southern  
 North America :28. [Listed.]<sup>1</sup> States<sup>2</sup>  
 1908 *Myndus slossoni* Van Duzee, Proc. Acad. Nat. Sci. Georgia<sup>3</sup>  
 Philadelphia 1907: 492. [Note.] Mississippi<sup>4</sup>  
 1909 *Myndus slossoni* Van Duzee, Bull. Buffalo Soc. Nat. Sci.  
 :188. [Notes.]<sup>1</sup>  
 1914 *Myndus slossoni* Barber, Bull. American Mus. Nat. Hist. 33: 527.  
 [Listed.]<sup>1</sup>  
 1916 *Myndus slossoni* Van Duzee, Check List Hemip. America :80. [Listed.]<sup>2</sup>  
 1917 *Myndus slossoni* Van Duzee, Cat. Hemip. America :738. [Listed.]<sup>3,1</sup>  
 1921 *Myndus slossoni* Osborn, Florida Ent. 5: 16. [Listed.]<sup>1</sup>  
 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.]<sup>1,4</sup>

*Myndus***sordidipennis** Stål

- 1862 *Myndus sordidipennis* Stål, Berliner Ent. Zeit. 6: 308. Penn-  
[n. sp.]<sup>1</sup> sylvania<sup>1</sup>
- 1890 *Myndus impunctatus* Van Duzee, Psyche 5: 390. Equals Ottawa<sup>2</sup>  
*Cixius impunctatus* Fitch. [error.] Connecticut<sup>3</sup>
- 1892 *Myndus impunctatus* Harrington, Ottawa Nat. 6: 31. Colorado<sup>4</sup>  
[Listed.]<sup>2</sup> Iowa<sup>5</sup>
- 1894 *Myndus impunctatus* Van Duzee, [nec Fitch] Bull. New Jersey<sup>6</sup>  
Buffalo Soc. Nat. Sci. 5: 190. [Listed.]<sup>7</sup> New York<sup>7</sup>
- 1895 *Myndus impunctatus* Gillette and Baker, Hemip. Colo- Eastern  
rado :69. [Listed.]<sup>4</sup> States<sup>8</sup>
- 1898 *Myndus impunctatus* Osborn, Proc. Iowa Acad. Sci. 5: Ontario<sup>9</sup>  
235. [Listed.]<sup>5</sup> Georgia<sup>10</sup>
- 1898 *Myndus impunctatus* Osborn, Contr. Iowa State Coll. Florida<sup>11</sup>  
Agr. Dept. Zool. Ent. 3: 12. [Listed.]<sup>5</sup> District of
- 1904 *Myndus impunctatus* Wirtner, Ann. Carnegie Mus. 3: Columbia<sup>12</sup>  
215. [Listed.]<sup>1</sup> Ohio<sup>13</sup>
- 1904 *Myndus impunctatus* Swezey [nec Fitch], Prelim. Cat. United  
Fulgoridae North America :28. [Listed.]<sup>4,5,7</sup> Equals States<sup>14</sup>  
*Cixius impunctatus* Fitch. [error.] Canada<sup>15</sup>
- 1904 *Myndus sordidipennis* Swezey, Prelim. Cat. Fulgoridae  
North America :28. [Listed.]<sup>1,7</sup>
- 1908 *Myndus sordidipennis* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia  
1907: 491. [Notes.]<sup>7</sup> Equals *Myndus impunctatus* Van D. [nec Say.]
- 1910 *Myndus sordidipennis* Smith, Rept. Ins. New Jersey :96. [Listed.]<sup>6</sup>
- 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.]<sup>8</sup> Equals *Myndus impunctatus* Van D. [nec Fitch.]
- 1917 *Myndus sordidipennis* Van Duzee, Cat. Hemip. America :738. [Listed.]<sup>1,4,</sup>  
<sup>6,7,9,10</sup> 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.]<sup>3,14,15</sup>
- 1928 *Myndus sordidipennis* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14:  
76. [Key.] :80. [Described.]<sup>1,4,6,7,9,11,12,13</sup>
- 1928 *Myndus sordidipennis* Metcalf, Mem. Cornell Uni. Agr. Exp. Sta. 101:  
177. [Listed.]<sup>7</sup>

**sordidus** Muir

- 1927 *Myndus sordidus* Muir, Fulgoroidea of Samoa :6; Fig. 5. Samoa<sup>1</sup>  
[n. sp., illustrated.]<sup>1</sup>

**truncatus** Metcalf

- 1923 *Myndus truncatus* Metcalf, Jour. Elisha Mitchell Soc. Illinois<sup>1</sup>  
38: 184; Figs. 312, 600. [n. sp., illustrated.]<sup>1</sup> :163. [Key.]

1927 *Myndus truncatus* Frison, Bull. Illinois Nat. Hist. Surv. 16: 153. [Listed.]<sup>1</sup>

**viridis** Ball

- 1902 *Myndus viridis* Ball, Canadian Ent. 34: 153. [n. sp.]<sup>1,2</sup> Colorado<sup>1</sup>  
 1904 *Myndus viridis* Swezey, Prelim. Cat. Fulgoridae North Iowa<sup>2</sup>  
 America :28. [Listed.]<sup>1,2,3</sup> Ohio<sup>3</sup>  
 1904 *Myndus viridis* Osborn, Ohio Nat. 4: 100. [Listed.] New Jersey<sup>4</sup>  
 1908 *Myndus viridis* Van Duzee, Proc. Acad. Nat. Sci. Phila- Great Plains<sup>5</sup>  
 delphia 1907: 492. [Note.]  
 1910 *Myndus viridis* Smith, Rept. Ins. New Jersey :96. [Listed.]<sup>1</sup>  
 1916 *Myndus viridis* Van Duzee, Check List Hemip. America :80. [Listed.]<sup>5</sup>  
 1917 *Myndus viridis* Van Duzee, Cat. Hemip. America :738. [Listed.]<sup>1,2,3,4</sup>  
 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. Fiji<sup>1</sup>  
 Assoc. 3: 111. [n. sp.]<sup>1</sup> :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; Australia<sup>1</sup>  
 Fig. 25. [Illustrated, n. sp.]<sup>1</sup>

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; Madagascar<sup>1</sup>  
 Pl. 32, Fig. 16. [Illustrated, n. sp.]<sup>1</sup>

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 Zealand<sup>1</sup>  
 320; Pl. 22, Figs. 1-4. [Illustrated, n. sp.]<sup>1</sup> :316. [Life  
 history notes.]

*helena* Myers. See *Koroana interior* Walker.**interior** Walker

- 1858 *Cixius interior* Walker, List Homop. British Mus. New Zealand<sup>1</sup>  
 Suppl. :82. [n. sp.]<sup>1</sup>  
 1858 *Cixius rufifrons* Walker, List Homop. British Mus. Suppl. :83. [n. sp.]<sup>1</sup>  
 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.]<sup>1</sup>  
 1879 *Cixius rufifrons* White, Ent. Monthly Mag. 15: 216. [Listed.]<sup>1</sup>  
 1898 *Cixius interior* Hutton, Trans. New Zealand Inst. 30: 185. [Described,  
 key.]<sup>1</sup>  
 1898 *Cixius rufifrons* Hutton, Trans. New Zealand Inst. 30: 185. [Key.] :186.  
 [Described.]<sup>1</sup>  
 1904 *Cixius interior* Hutton, Index Faunae Novae Zealandiae :224. [Listed.]<sup>1</sup>  
 1904 *Cixius rufifrons* Hutton, Index Faunae Novae Zealandiae :225. [Listed.]<sup>1</sup>  
 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.]<sup>1</sup>  
 1924 *Koroana helena* Myers, Trans. New Zealand Inst. 55: 319; Pl. 21, Figs.  
 1-8. [Illustrated, n. sp.]<sup>1</sup>  
 1927 *Koroana interior* Myers, Trans. New Zealand Inst. 57: 689. [Synonymy.]<sup>1</sup>  
 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.]<sup>1</sup>

Genus **ANILA** DistantOrthotype *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; Burma<sup>1</sup>  
Fig. 116. [n. sp., illustrated.]<sup>1</sup>

**versicolor** Distant

1911 *Anila versicolor* Distant, Ann. Mag. Nat. Hist. (8) 8: India<sup>1</sup>  
741. [n. sp.]<sup>1</sup> Sikkim<sup>2</sup>

1916 *Anila versicolor* Distant, Fauna British India 6: 37;  
Fig. 22. [Described, illustrated.]<sup>2</sup>

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 *Fulgura*  
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'Hercule, 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.]
- Vincentia* 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. Chile<sup>1</sup>  
[n. sp.]<sup>1</sup>

**aequus** Walker

- 1857 *Cixius aequus* Walker, Jour. Linn. Soc. Zool. 1: 147. Borneo<sup>1</sup>  
[n. sp.]<sup>1</sup>
- 1859 *Cixius aequus* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup>
- 1907 *Cixius equus* [sic] Distant, Ann. Mag. Nat. Hist. (7) 19: 286. [Mutilated.]<sup>1</sup>

*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. Sierra Leone<sup>1</sup>  
[n. sp.]<sup>1</sup>
- 1859 *Cixius albidus* Dohrn, Cat. Hemip. :60. [Listed.]<sup>1</sup>

*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. Singapore<sup>1</sup>  
[n. sp.]<sup>1</sup> India<sup>2</sup>
- 1859 *Cixius albistriga* Dohrn, Cat. Hemip. :60. [Listed.]<sup>1</sup> :61.  
[Listed.]<sup>2</sup>
- 1886 *Cixius* (?) *albistriga* Atkinson, Jour. Asiatic Soc. Bengal 55: 31. [Described.]<sup>1</sup>

**anceps** Germar

- 1830 *Flata anceps* Germar, Thon. Archiv 2: 48. [n. sp.]<sup>1</sup> Brazil<sup>1</sup>  
 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.]<sup>1</sup>  
 Equals *Flata anceps* Germ.  
 1851 *Cixius anceps* Walker, List Homop. British Mus. 2: 342. [Listed.]<sup>1</sup> Equals  
*Flata anceps* Germ.  
 1859 *Cixius anceps* Dohrn, Cat. Hemip. :60. [Listed.]<sup>1</sup>  
 1923 *Flata anceps* Sherborn, Index Animalium 2: 298. [Listed.]

**apicalis** Metcalf

- 1923 *Cixius apicalis* Metcalf, Jour. Elisha Mitchell Soc. 38: Connecticut<sup>1</sup>  
 182; Figs. 78, 284, 285, 578. [Illustrated, n. sp.]<sup>1,2</sup> :161. New York<sup>2</sup>  
 [Key.]  
 1928 *Cixius apicalis* Metcalf, Mem. Cornell Uni. Agr. Exp. Sta. 101: 177.  
 [Listed.]<sup>2</sup>

**apicatus** Fowler

- 1904 *Cixius apicatus* Fowler, Biologia Centrali-Americana 1: Guatemala<sup>1</sup>  
 97; Pl. X, Figs. 28, 28a. [Illustrated, n. sp.]<sup>1</sup>

**apicimaculatus** Distant

- 1920 *Cixius apicimaculatus* Distant, Ann. Mag. Nat. Hist. New Cale-  
 (9) 6: 462. [n. sp.]<sup>1</sup> donia<sup>1</sup>  
 (Melanesia)

**aragoensis** Distant

- 1920 *Cixius aragoensis* Distant, Ann. Mag. Nat. Hist. (9) 6: New Cale-  
 461. [n. sp.]<sup>1</sup> donia<sup>1</sup>  
 (Melanesia)

**arisanus** Matsumura

- 1914 *Cixius arisanus* Matsumura, Annot. Zool. Japonenses Formosa<sup>1</sup>  
 8: 396. [n. sp.]<sup>1</sup>  
 1915 *Cixius arisanus* Schumacher, Homop.-Fauna Insel Formosa :113.  
 [Listed.]<sup>1</sup>

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

**aspilus** Walker

- 1858 *Cixius aspilus* Walker, List. Homop. British Mus. New Zealand<sup>1</sup>  
 Suppl. :83. [n. sp.]<sup>1</sup>  
 1874 *Cixius aspilus* Hutton, Trans. New Zealand Inst. 6: 171. [Listed.]  
 1879 *Cixius aspilus* White, Ent. Monthly Mag. 15: 216. [Listed.]<sup>1</sup>  
 1898 *Cixius aspilus* Hutton, Trans. New Zealand Inst. 30: 185. [Key.] :186.  
 [Described.]<sup>1</sup>  
 1904 *Cixius aspilus* Hutton, Index Faunae Novae Zealandiae :225. [Listed.]<sup>1</sup>

*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.]<sup>1</sup> Equals *Cixius aspilus* Walk.  
 1927 *Cixius aspilus* Myers, Trans. New Zealand Inst. 57: 690. [Synonymy.]<sup>1</sup> 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.]<sup>1</sup>  
 1851 *Cixius obscurus* Walker, List Homop. British Mus. 2: 347. [n. sp.]<sup>1</sup>  
 1859 *Cixius australis* Dohrn, Cat. Hemip. :60. [Listed.]<sup>1</sup>  
 1859 *Cixius obscurus* Dohrn, Cat. Hemip. :60. [Listed.]<sup>1</sup>  
 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.]<sup>1</sup> Equals *Cixius obscurus* Walk. [nec Sign.]

**basalis** Van Duzee

- 1908 *Cixius basalis* Van Duzee, Proc. Acad. Nat. Sci. Phila- New York<sup>1</sup>  
delphia 1907: 489. [n. sp.]<sup>1,2</sup> [Key.] Quebec<sup>2</sup>  
 1911 *Cixius basalis* Gibson, Ann. Rept. Ent. Soc. Ontario 41: California<sup>3</sup>  
100. [Food plant.] United  
 1916 *Cixius basalis* Van Duzee, Tech. Bull. Univ. California States<sup>4</sup>  
Agr. Exp. Sta. 1: 248. [Listed.]<sup>3,5,9,14</sup> Canada<sup>5</sup>  
 1916 *Cixius basalis* Van Duzee, Check List Hemip. America Oregon<sup>6</sup>  
:79. [Listed.]<sup>4,5</sup> Ontario<sup>7</sup>  
 1917 *Cixius basalis* Van Duzee, Proc. California Acad. Sci. Connecticut<sup>8</sup>  
7: 309. [Listed.]<sup>3,6</sup> British  
 1917 *Cixius basalis* Van Duzee, Cat. Hemip. America :735. Columbia<sup>9</sup>  
[Listed.]<sup>1,2,3,7,9,10,11,12,13,14,15</sup> New  
 1920 *Cixius basalis* Britton, Check-List Ins. Connecticut :46. Hampshire<sup>10</sup>  
[Listed.]<sup>8</sup> Massa-  
 1923 *Cixius basalis* Metcalf, Jour. Elisha Mitchell Soc. 38: chusetts<sup>11</sup>  
162; Figs. 79, 290, 582. [Key, illustrated.] Rhode  
 1923 *Cixius basalis* Van Duzee, Fulgoridae Hemip. Connecti- Island<sup>12</sup>  
cut :33. [Described, key.]<sup>4,5,8</sup> Georgia<sup>13</sup>  
 1927 *Cixius basalis* Johnson, Biol. Surv. Mount Desert Reg. Colorado<sup>14</sup>  
1: 33. [Listed.]<sup>9</sup> Texas<sup>15</sup>  
 1927 *Cixius basalis* Downes, Proc. Ent. Soc. British Colum- New Jersey<sup>16</sup>  
bia 23: 21. [Listed.]<sup>9</sup> Iowa<sup>17</sup>  
 1928 *Cixius basalis* Dozier, Tech. Bull. Mississippi Agr. Exp. Ohio<sup>18</sup>  
Sta. 14: 70. [Key.] :71. [Described.]<sup>1,2,3,7,9,10,11,12,13,14,15,</sup> Maine<sup>19</sup>  
16,17,18  
 1928 *Cixius basalis* Metcalf, Mem. Cornell Uni. Agr. Exp. Sta. 101: 177.  
[Listed.]<sup>1</sup>  
 1930 *Cixius basalis* Hendrickson, Iowa State Jour. Sci. 4: 88. [Ecology.]<sup>17</sup>

*bicarinata* Fabricius. See *Sevia bicarinata* Fabricius.

**bicolor** Matsumura

- 1914 *Cixius bicolor* Matsumura, Annot. Zool. Japonenses **8**: 395. [n. sp.]<sup>1</sup> Formosa<sup>1</sup>  
Japan<sup>2</sup>
- 1915 *Cixius bicolor* Schumacher, Homop.-Fauna Insel Formosa :113. [Listed.]<sup>1</sup>
- 1932 *Cixius bicolor* Esaki, Iconographia Insectorum Japonicorum :1773. [Described, illustrated.]<sup>2</sup>
- 1933 *Cixius bicolor* Kato, Illustrated Insects of Japan **4**: Pl. 11, Fig. 10. [Illustrated.]<sup>2</sup>

*bifasciatus* Schrank. See *Cixius heydeni* Kirschbaum.

**bipunctata** Linné

- 1767 *Cicada bipunctata* Linné, Syst. Nat. **12**: 710. [n. sp.]<sup>1</sup> America<sup>1</sup>
- 1775 *Cicada bipunctata* Fabricius, Systema Ent. :682. [Described.]<sup>1</sup> S. America<sup>2</sup>  
Brazil<sup>3</sup>
- 1778 *Cicada bipunctata* Goeze, Ent. Beyträge **2**: 141. [Listed.]
- 1781 *Cicada bipunctata* Fabricius, Species Ins. **2**: 323. [Described.]<sup>2</sup>
- 1787 *Cicada bipunctata* Fabricius, Mantissa Insectorum **2**: 268. [Described.]
- 1789 *Cicada bipunctata* Gmelin, Linné Syst. Nat. **1** (4): 2112. [Described.]<sup>2</sup>
- 1794 *Cicada bipunctata* Fabricius, Entomologia Syst. **4**: 28. [Described.]<sup>1</sup>
- 1798 *Flata bipunctata* Fabricius, Suppl. Entomologia Syst. :518. [Described.]<sup>1</sup>  
Equals *Cicada bipunctata* Linn.
- 1802 *Cicada bipunctata* Turton, Syst. Naturae Linn. :589. [Described.]<sup>1</sup>
- 1803 *Flata 2-punctata* Fabricius, Systema Rhyng. :50. [Described.]<sup>1</sup> Equals  
*Cicada 2-punctata* Fabr.
- 1830 *Flata bipunctata* Germar, Thon Archiv **2**: 49. [Described.]<sup>2</sup> 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.]<sup>1</sup> 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.]<sup>3</sup>
- 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.]<sup>1</sup> Reunion Island<sup>1</sup>  
(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.]<sup>1</sup> Hachijo Island<sup>1</sup>  
(Japan)

**citrinus** Walker

- 1858 *Cixius citrinus* Walker, List Homop. British Mus. Suppl. :78. [n. sp.]<sup>1</sup> Brazil<sup>1</sup>

**clarus** Melichar

- 1914 *Cixius clarus* Melichar, Notes Leyden Mus. 36: 94. [n. sp.]<sup>1</sup> Java<sup>1</sup>

*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.]<sup>1</sup> New York<sup>1</sup>  
Penn-
- 1869 *Cixus* [sic] *calaepeune* [sic] Rathvon, Hist. Lancaster sylvania<sup>2</sup>  
Co. Penn. :550. [Listed.]<sup>2</sup> Quebec<sup>3</sup>
- 1881 *Cixius colaepeum* [sic] Packard, Bull. United States New  
Ent. Comm. 7: 81. [Notes.] Hampshire<sup>4</sup>
- 1890 *Cixius coloepeune* [sic] Smith, Cat. Ins. New Jersey :439. New Jersey<sup>5</sup>  
[Listed.] Ohio<sup>6</sup>
- 1890 *Cixius colcopium* [sic] Van Duzee, Psyche 5: 388. Colorado<sup>7</sup>  
[Listed.] Eastern
- 1890 *Cixius colaepeum* [sic] Packard, Rept. United States States<sup>8</sup>  
Ent. Comm. Dept. Agr. 5: 326. [Notes.] Canada<sup>9</sup>
- 1894 *Cixius coloepium* [sic] Van Duzee, Bull. Buffalo Soc. Ontario<sup>10</sup>  
Nat. Sci. 5: 190. [Listed.]<sup>1</sup> Connecticut<sup>11</sup>
- 1897 *Cixius coloepium* [sic] Slosson, Ent News 8: 240. British  
[Listed.]<sup>1</sup> Columbia<sup>12</sup>
- 1900 *Cixius colaepeum* [sic] Smith, Ins. New Jersey 2: 88. Maine<sup>13</sup>  
[Listed.]<sup>1,5</sup>
- 1904 *Cixius colaepius* [sic] Wirtner, Ann. Carnegie Mus. 3: 214. [Listed.]<sup>2</sup>
- 1904 *Cixius coloepeum* Swezey, Prelim. Cat. Fulgoridae North America :26.  
[Listed.]<sup>1,6</sup>
- 1905 *Cixius coloepium* [sic] Van Duzee, Bull. New York State Mus. 97: 552.  
[Listed.]<sup>1</sup>

- 1906 *Cixius coloeptium* [sic] Van Duzee, Canadian Ent. **38**: 408. [Key.]  
 1906 *Cixius coleopium* [sic] Felt. Mem. 8 New York St. Mus. **2**: 717. [Notes.]<sup>1</sup>  
 1908 *Cixius coloepeum* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia **1907**:  
 490. [Notes.]<sup>1,7</sup>:489. [Key.]  
 1910 *Cixius colaepeum* [sic] Smith, Rept. Ins. New Jersey :95. [Listed.]  
 1916 *Cixius coloepeum* Van Duzee, Check List Hemip. America :79. [Listed.]<sup>8,9</sup>  
 1917 *Cixius coloeptium* [sic] Van Duzee, Cat. Hemip. America :735. [Listed.]<sup>1,2,</sup>  
 4,6,7,10  
 1920 *Cixius coloepeum* Britton, Check-List Ins. Connecticut :46. [Listed.]<sup>11</sup>  
 1922 *Cixius coloeptium* [sic] Crampton, Bull. Brooklyn Ent. Soc. **17**: Fig. 10.  
 [Genitalia, illustrated.]  
 1923 *Cixius coloeptium* [sic] Metcalf, Jour. Elisha Mitchell Soc. **38**: 162; Figs.  
 289, 476, 581. [Key, illustrated.]  
 1923 *Cixius coloeptium* [sic] Van Duzee, Fulgoridae Hemip. Connecticut :34.  
 [Described.]<sup>1,7,10,11</sup>:33. [Key.]  
 1927 *Cixius coeloepium* [sic] Downes, Proc. Ent. Soc. British Columbia **23**: 21.  
 [Listed.]<sup>12</sup>  
 1927 *Cixius coloeptium* [sic] Johnson, Biol. Surv., Mount Desert Reg. **1**: 33.  
 [Listed.]<sup>13</sup>  
 1928 *Cixius coloepeum* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 70.  
 [Key.]  
 1928 *Cixius coloeptium* [sic] Metcalf, Mem. Cornell Uni. Agr. Exp. Sta. **101**:  
 177. [Listed.]<sup>1</sup>  
 1932 *Cixius coloeptium* [sic] Walley, Canadian Ent. **64**: 155. [Listed.]<sup>3</sup>

*coloeptium*. Typographical error for *Cixius coloepeum* Fitch.

*colombiae* Walker. See *Mnemosyne planiceps* Fabricius.

### comptus Fowler

- 1904 *Cixius comptus* Fowler, Biologia Centrali-Americana Mexico<sup>1</sup>  
**1**: 96; Pl. X, Figs. 26, 26a. [Illustrated, n. sp.]<sup>1</sup>

*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.]<sup>1</sup> Southern  
 1835 *Flata crambiformis* Herrich-Schäffer, Nom. Ent. **1**: 105. France<sup>1</sup>  
 [Listed.] Europe<sup>2</sup>  
 1850 *Cixius crambiformis* Schaum, Allg. Ency. Ersch und  
 Gruber **51**: 68. [Listed.]<sup>2</sup> Equals *Flata crambiformis* Germ.

### cultus Ball

- 1902 *Cixius cultus* Ball, Canadian Ent. **34**: 151. [n. sp.]<sup>1,2,3</sup> California<sup>1</sup>

*Cixius*

- 1904 *Cixius cultus* Swezey, Prelim. Cat. Fulgoridae North America :26. [Listed.]<sup>2,3,1</sup> Kansas<sup>2</sup>  
Colorado<sup>3</sup>
- 1908 *Cixius cultus* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia 1907: 488. [Key.] Western States<sup>4</sup>
- 1914 *Cixius cultus* Van Duzee, Trans. San Diego Soc. Nat. Hist. 2: 37. [Listed.]<sup>1</sup> Utah<sup>5</sup>
- 1916 *Cixius cultus* Van Duzee, Check List Hemip. America :79. [Listed.]<sup>4</sup>
- 1917 *Cixius cultus* Van Duzee, Proc. California Acad. Sci. 7: 309. [Listed.]<sup>1</sup>
- 1917 *Cixius cultus* Van Duzee, Cat. Hemip. America :736. [Listed.]<sup>2,3,1</sup>
- 1923 *Cixius cultus* Metcalf, Jour. Elisha Mitchell Soc. 38: 161; Fig. 286. [Key, illustrated.]
- 1926 *Cixius cultus* Essig, Ins. Western North America :217. [Notes.]<sup>1,2,3</sup>
- 1928 *Cixius cultus* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 70. [Key.]
- 1929 *Cixius cultus* Knowlton, Florida Ent. 13: 50. [Listed.]<sup>5</sup>

*cunicularia* Linné

- 1767 *Cicada cunicularia* Linné, Syst. Nat. 12: 711. [n. sp.] Denmark<sup>1</sup>
- 1773 *Cicada nervoso-punctata* De Geer, Mém. Hist. Ins. 3: 182; Pl. 12, Figs. 1-5. [n. sp., illustrated.] Equals *Cicada nervosa* Linn. [error.] India<sup>2</sup>  
Germany<sup>3</sup>  
Sweden<sup>4</sup>
- 1775 *Cicada cynosbatis* Fabricius, Systema Ent. :686. [n. sp.]<sup>1</sup> Lapland<sup>5</sup>
- 1775 *Cicada cunicularia* Fabricius, Systema Ent. :683. [Described.]<sup>2</sup> Great Britain<sup>6</sup>
- 1778 *Cicada cynosbatis* Goeze, Ent. Beyträge 2: 158. [Listed.] Ireland<sup>7</sup>
- 1778 *Cicada nervoso-punctata* Goeze, Ent. Beyträge 2: 136. To *Cicada nervosa* Linn. [error.] Europe<sup>8</sup>  
Russia<sup>9</sup>
- 1780 *Cicada nervoso-punctata* Goeze De Geer's Abh. Gesch. Ins. 3: 117; Pl. 12, Figs. 1-5. [Described, illustrated.] France<sup>10</sup>  
England<sup>11</sup>  
Finland<sup>12</sup>
- 1781 *Cicada cynosbatis* Fabricius, Species Ins. 2: 327. [Described.]<sup>1</sup> Norway<sup>13</sup>  
Belgium<sup>14</sup>
- 1781 *Cicada cunicularia* Fabricius, Species Ins. 2: 323. [Described.]<sup>2</sup> Italy<sup>15</sup>  
Moravia<sup>16</sup>
- 1781 *Cicada nervoso-punctata* Fabricius, Species Ins. 2: 327. To *Cicada nervosa* Linn. [error.] Bohemia<sup>17</sup>  
British Isles<sup>18</sup>
- 1783 *Cicada nervoso-punctata* Retzius, Gen. et Sp. Ins. :82. [Described.] Equals *Cicada nervosa* Linn. [error.] Austria<sup>19</sup>  
Hungary<sup>20</sup>
- 1787 *Cicada cynosbatis* Fabricius, Mantissa Ins. 2: 272. [Described.] Prussia<sup>21</sup>  
Crimea<sup>22</sup>
- 1787 *Cicada cunicularia* Fabricius, Mantissa Ins. 2: 268. [Described.] Algeria<sup>23</sup>  
Rumania<sup>24</sup>
- 1789 *Cicada cynosbato*s [sic] Gmelin, Linné Syst. Nat. 1 (4): 2108. [Described.]<sup>1</sup> Livonia<sup>25</sup>  
Spain<sup>26</sup>
- 1789 *Cicada cunicularia* Gmelin, Linné Syst. Nat. 1 (4): 2114. [Described.]<sup>2</sup> Siberia<sup>27</sup>  
South
- 1789 *Cicada nervoso-punctata* Gmelin, Linné Syst. Nat. 1 (4): 2105. To *Cicada nervosa* Linn. [error.] Russia<sup>28</sup>  
Netherlands<sup>29</sup>

- 1791 *Cicada nervoso-punctata* Olivier, Enc. Meth. 6: 575. To Switzerland<sup>30</sup>  
*Fulgora nervosa* Linn. [error.] Czecho-
- 1794 *Cicada cunicularia* Fabricius, Entomologia Syst. 4: 30. slovakia<sup>31</sup>  
 [Described.]<sup>2</sup>
- 1794 *Cicada cynosbatis* Fabricius, Entomologia Syst. 4: 41. [Described.]<sup>1</sup>
- 1796 *Cercopis dionysii* Panzer, Faunae Ins. Germanica 34: 24. [n. sp., illus-  
 trated.]<sup>3</sup>
- 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.]<sup>2</sup>
- 1802 *Cicada cynosbatis* Turton, Syst. Naturae Linn. 2: 596. [Described.]<sup>1</sup>
- 1803 *Flata cynosbatis* Fabricius, Systema Rhyng. :54. [Described.]<sup>1</sup> Equals  
*Cicada cynosbatis* Fabr. Equals *Cercopis dionysii* Panz.
- 1803 *Flata cunicularia* Fabricius, Systema Rhyng. :55. [Described.]<sup>3</sup> Equals  
*Cicada cunicularia* Linn.
- 1804 *Cixius dionysii* Latreille, Hist. Nat. Ins. 12: 310. [Described.]<sup>1,3</sup> 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.]<sup>4</sup>
- 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.]<sup>5</sup>  
 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.]<sup>3</sup>  
Equals *Flata cynosbatis* Fabr.
- 1829 *Cixius cynosbati* [sic] Curtis, Guide Arrang. British Ins. :194. [Listed.]<sup>6,7</sup>
- 1829 *Cixius dionysii* Curtis, Guide Arrang. British Ins. :194. [Listed.]<sup>6,7</sup>
- 1829 *Cixius cunicularius* Curtis, Guide Arrang. British Ins. :194. [Listed.]<sup>6,7</sup>
- 1829 *Cixius cunicularius* Stephens, Cat. British Ins. :356. [Listed.]<sup>11</sup> Equals  
*Cicada cunicularia* Linn.
- 1829 *Cixius cynosbati* Stephens, Cat. British Ins. :356. [Listed.]<sup>11</sup> Equals *Flata*  
*cynosbati* Fabr. Equals *Cercopis dionysii* Panz.
- 1830 *Cixius cynosbatis* Eichwald, Zool. Spec. :229. [Described.]<sup>8</sup>
- 1830 *Flata cunicularia* Germar, Thon Archiv 2: 48. [Described.]<sup>3,10</sup> 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 cynosbatis* Germar, Thon Archiv 2: 49. To *Flata albicincta* Germ.  
[error.]
- 1833 *Flata cunicularia* Germar, Rev. Ent. Silbermann 1: 175. [Listed.]
- 1834 *Cixius cynosbatis* Guérin-Méneville, Voyage aux Indes Belanger 1: 464.  
Equals *Flata cynosbatis* 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.]<sup>3</sup>  
Equals *Cicada cunicularia* Linn. Equals *Flata cunicularia* Fabr. Equals  
*Cercopis dionysii* Panz. Equals *Delphax nervosa* Fall. [error.]
- 1835 *Flata cynosbatis* Herrich-Schäffer, Nom. Ent. 1: 105. [Listed.]
- 1835 *Cicada cynosbatis* Herrich-Schäffer, Nom. Ent. 1: 102. To *Flata cynosbatis*  
Germ.
- 1835 *Flata dionysii* Herrich-Schäffer, Nom. Ent. 1: 105. [Listed.]
- 1835 *Delphax cynosbatis* Herrich-Schäffer, Nom. Ent. 1: 105. To *Flata albi-*  
*cincta* Germ. [error.]
- 1835 *Cixius cynosbatis* Herrich-Schäffer, Nom. Ent. 1: 105. To *Flata con-*  
*taminatus* Germ. [error.]
- 1835 *Flata cynosbatis* Herrich-Schäffer, Nom. Ent. 1: 105. To *Flata nervosa*  
Linn. [error.]
- 1835 *Flata cynosbatis* Burmeister, Handb. Ent. 2 (1): 157. To *Cixia nervosa*  
Linn. [error.]
- 1835 *Delphax cynosbatis* 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.]<sup>6,7</sup>
- 1837 *Cixius dionysii* Curtis, Guide Arrang. British Ins. Ed. 2: 223. [Listed.]<sup>6</sup>
- 1837 *Cixius cunicularius* Curtis, Guide Arrang. British Ins. Ed. 2: 223.  
[Listed.]<sup>6</sup>

- 1837 *Cixius cynosbatis* Curtis, British Ent. **14**: Pl. 673. [Listed.]
- 1837 *Cixius cunicularius* Curtis, British Ent. **14**: Pl. 673. [Listed.]<sup>11</sup> Equals *Cicada nervoso-punctata* De G.
- 1837 *Cixius dionysii* Curtis, British Ent. **14**: Pl. 673. [Described, illustrated.]<sup>11</sup>
- 1837 *Flata cynosbatis* Gistel, Cicaden München :107 (12). [Listed.]<sup>3</sup>
- 1837 *Flata cunicularia* Gistel, Cicaden München :107 (12). [Listed.]<sup>3</sup>
- 1839 *Flata nervosa cunicularia* Spinola, Ann. Soc. Ent. France **8**: 139. [Listed.]
- 1840 *Cixius cynosbatis* Zetterstedt, Ins. Lapponica Desc. :304. [Described.]<sup>5</sup> Equals *Flata cynosbatis* Fabr. Equals *Delphax cynosbatis* Fall. Equals *Cicada leporina* Linn. [error.] Equals *Flata cunicularia* Fall.
- 1840 *Cixia cunicularia* Blanchard, Hist. Nat. Ins. Hémipt. **3**: 174. [Described.]<sup>8</sup> 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. Hémipt. **3**: 174. To *Cixia albicincta* Germ. [error.]
- 1840 *Flata cynosbatis* Blanchard, Hist. Nat. Ins. Hémipt. **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.]<sup>3</sup> Equals *Flata synosbatis* [sic] Fabr.
- 1843 *Flata cynosbatis* Amyot and Serville, Hist. Nat. Ins. Hémipt. :508. To *Cixius nervosus* Linn. [error.]
- 1843 *Cicada nervoso-punctata* Amyot and Serville, Hist. Nat. Ins. Hémipt. :508. To *Cixius nervosus* Linn. [error.]
- 1846 *Cixia cunicularia* Gimmerthal, Corr. Nat. Riga **1**: 27. [Listed.]<sup>9</sup>
- 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.]<sup>10</sup> 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.]<sup>10</sup> Equals *Cicada cunicularius* Linn. Equals *Flata dyonysii* [sic] Panz.
- 1850 *Cixia cunicularia* Blanchard, Hist. Nat. Ins. **3** (1): 174. [Described.]<sup>8</sup> 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.]<sup>4</sup>
- 1850 *Cixius dorsalis* Hardy, Trans. Tyneside Nat. Club 1: 430. [n. sp.]<sup>11</sup>
- 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.]<sup>8</sup> 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.]<sup>4</sup>
- 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.]<sup>10,11</sup> 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.]<sup>11</sup>
- 1852 *Cixius cynosbatis* Walker, List Homop. British Mus. 4 Suppl. :1135. To *Cixius nervosus* Linn. [error.]
- 1859 *Cixius cunicularius* Dohrn, Cat. Hemip. :60. [Listed.]<sup>8</sup> 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.]<sup>11</sup>
- 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.]<sup>11</sup> 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.]<sup>11</sup> Equals *Cicada nervoso-punctata* De G.
- 1862 *Cixius dionysii* Curtis, Homop. British Ent. :Pl. 673. [Described, illustrated.]<sup>11</sup>
- 1862 *Cixius cunicularius* Graaf, Six, Snellen van Vollenhoven, Tijdschr. Ent. 5: 76. [Listed.]
- 1864 *Cixius nervosus cunicularius* Marshall, Ent. Monthly Mag. 1: 154. [Described.]<sup>11</sup> Equals *Cixius dionysii* Panz.
- 1864 *Cixius nervosus dionysii* Marshall, Ent. Monthly Mag. 1: 154. [Described.]<sup>11</sup>
- 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.]<sup>3</sup>
- 1868 *Cixius nervosus* Kirschbaum, [nec Linné], Cicad. Wiesbaden :47. [Female, described.]<sup>30,3</sup>
- 1869 *Cixius cunicularius* Lethierry, Cat. Hémip. du Nord :353. [Listed.]<sup>10</sup>
- 1870 *Cixius cunicularius* Scott, Ent. Monthly Mag. 7: 121. [Key.] :122. [Described.]<sup>11</sup> 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.]<sup>4</sup>
- 1871 *Cixius cunicularis* [sic] Staveley, British Insects :301. [Notes.]
- 1871 *Cixius cunicularius* Sahlberg, Not. Fenn. (n. s.) 9 (12): 380. [Described.]<sup>12</sup> 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.]<sup>21</sup>
- 1872 *Cixius dorsalis* Fieber, Kat. Europäischen Cicad. :3. [Listed.]<sup>7</sup>
- 1872 *Cixius cunicularius* Fieber, Kat. Europäischen Cicad. :3. [Listed.]<sup>8</sup> 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 curypterus* Kb.
- 1874 *Cixius cunicularius* Siebke, Enum. Ins. Norvegicorum :39. [Listed.]<sup>13</sup>
- 1874 *Cixius cunicularius* Lethierry, Cat. Hé mip. Dept. du Nord 2 Ed. :256 (52). [Listed.]<sup>10</sup>
- 1875 *Cixius cunicularius* Puton, Cat. Hé mip. d'Europe 2d. E. :113. [Listed.]<sup>8</sup>  
 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.]<sup>6</sup>  
 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.]<sup>8</sup>
- 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 curypterus* Kb. Equals  
*Cixia cunicularia* Burm.
- 1878 *Cixius cunicularius* Dale, History of Glanville's Wootton :304. [Listed.]<sup>11</sup>
- 1878 *Cixius cunicularius* Lethierry, Ann. Soc. Ent. Belgique 21: 36. [Listed.]<sup>14</sup>
- 1879 *Cixius cunicularius* Norman, Ent. Monthly Mag. 15: 255. [Listed.]<sup>11</sup>
- 1880 *Cixius cunicularius* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21:  
 53. [Listed.]<sup>10</sup>
- 1880 *Cixius cunicularius* Reuter, Medd. Soc. Fauna Fl. Fennica 5: 195.  
 [Listed.]
- 1880 *Cixius cunicularius* Norman, Ent. Monthly Mag. 16: 213. [Listed.]<sup>11</sup>
- 1881 *Cixius cunicularius* Mayr, Ber. Natur.-Med. Ver. Innsbruck 10: 84 (8).  
 [Listed.]<sup>19</sup>
- 1882 *Cixius cunicularius* Ferrari, Cicad. Agri Ligustici :80 (8). [Key. Listed.]<sup>15</sup>  
 :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.]<sup>8</sup>
- 1884 *Cixius cunicularius* Edwards, Trans. Nat. Soc. Norwich 3: 713. [Listed.]<sup>11</sup>
- 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.]<sup>11</sup>
- 1885 *Cixius cunicularius dionysii* Kirby, Elem. Text-book Ent. 1st. Ed. :248.  
 [Notes.]<sup>11</sup> Equals *Cixius dionysii* Curt.
- 1886 *Cixius cunicularius* Edwards, Syn. British Homop.-Cicadina Pt. 1: 51.  
 [Key.] :53. [Described.]<sup>6</sup> 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.]<sup>8,19,32</sup>
- 1886 *Cixius cunicularius* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]<sup>8</sup> 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.]<sup>10</sup>
- 1888 *Cixius cunicularius* Edwards, Ent. Monthly Mag. 25: 101. [Key.] :100. [Listed.]<sup>6</sup>
- 1888 *Cixius cunicularius* Dubois, Mém. Soc. Linn. Nord France 7: 153 (57). [Listed.]<sup>10</sup>
- 1890 *Cixius cunicularius* Buckton, Mon. British Cicadae 1: 19; Pl. VI, Figs. 7-11. [Described, illustrated.]<sup>6</sup> 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.]<sup>6</sup>
- 1892 *Cixius cunicularius* Kirby, Elem. Text-book Ent. 2nd Ed. :248; Pl. 79, Fig. 4. [Described, illustrated.]<sup>11</sup>
- 1892 *Cixius cunicularius* Ferrari, Ann. Mus. Genova (2) 12: 568 (20). [Listed.]<sup>15</sup>
- 1892 *Cixius cunicularius* Spitzner, Hemip. Mährens :(26). [Listed.]<sup>16</sup>
- 1892 *Cixius cunicularius* Duda, Cat. Ins. Faunae Bohemicae :27. [Listed.]<sup>17</sup> 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.]<sup>14</sup>
- 1892 *Cixius cunicularius* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>14</sup>
- 1892 *Cixius cunicularius dionysii* Kirby, Elem. Text-book Ent. 2nd Ed. :248. [Notes.]<sup>11</sup> Equals *Cixius dionysii* Curt.
- 1893 *Cixius cunicularius* Bezzi, Bull. Soc. Ent. Italiana 25: 107 (27). [Listed.]<sup>15</sup>
- 1894 *Cixius cunicularius* Edwards, Hemip.-Homop. British Islands Pt. 1: 25; Pl. 3, Fig. 8. [Described, illustrated.]<sup>18</sup> :24. [Key.]
- 1894 *Cixius cunicularius dionysii* Edwards, Hemip.-Homop. British Islands Pt. 1: 25. [Described.]<sup>18</sup>
- 1896 *Cixius cunicularius* Melichar, Cicad. Mittel-Europa :25. [Described.]<sup>3,8,15,19</sup> 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.]<sup>20</sup>
- 1899 *Cixius cunicularius* Puton, Cat. Hémipt. Faune Pal. :103. [Listed.]<sup>8</sup>  
 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.]<sup>9</sup> :24.  
 [Listed.]<sup>23</sup>
- 1901 *Cixius cunicularius* Lambertie, Act. Soc. Linn. Bordeaux 56: (86).  
 [Listed.]<sup>10</sup>
- 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.]<sup>15</sup>
- 1903 *Cixius cunicularius* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 58.  
 [Listed.]<sup>19</sup>
- 1904 *Cixius cunicularius* Hueber, Syst. Verz. deutschen Zikadinen :267.  
 [Listed.]<sup>8</sup> 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.]<sup>21</sup>
- 1906 *Cixius cunicularis* [sic] Schuguirow, Zool. Anz. 30: 711. [Listed.]<sup>22</sup>
- 1907 *Cixius cunicularius* Oshanin, Verz. Palaeark. Hemip. 2: 244. [Listed.]<sup>3,4,6,9,10,12,15,20,23,24,25,27</sup>  
 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.]<sup>11</sup>
- 1907 *Cixius cunicularius* Oshanin, Cat. Homop. St. Pétersbourg :242 (30).  
 [Listed.]<sup>9</sup>
- 1908 *Cixius cunicularius* Saunders and Edwards, Cat. of British Hemip. :14.  
 [Listed.]<sup>6</sup>
- 1908 *Cixius cunicularius* Whittaker, Hemip.-Homop. Lancashire and Cheshire  
 :21. [Listed.]<sup>11</sup>
- 1908 *Cixius cunicularius* Oshanin, Verz. Palaeark. Hemip. 3: 446. [Listed.]<sup>9,14,29</sup>
- 1909 *Cixius cunicularius* Lambertie, Act. Soc. Linn. Bordeaux 62: (3).  
 [Listed.]<sup>10</sup>
- 1910 *Cixius cunicularius* Lambertie, Misc. Ent. 18: 89. [Listed.]<sup>10</sup> 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.]<sup>8,23,27</sup>  
 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.]<sup>19</sup>
- 1913 *Cixius cunicularius* Strand, Arthropodenfauna Norwegens :274.  
 [Listed.]<sup>13</sup>
- 1915 *Cixius cunicularius* Jacobsen, Ent. Medd. 10: 318. [Listed.]<sup>1</sup>
- 1915 *Cixius cunicularius* Jensen-Haarup, Kobenhavn Flora og Fauna 1915:  
 87. [Described.]<sup>1</sup> :86. [Key.]
- 1920 *Cixius cunicularius* Jensen-Haarup, Danmarks Fauna :24; Fig. 9, Ia,  
 Hd. [Described, illustrated.]<sup>1</sup> :21. [Key.]
- 1920 *Cixius cunicularius* Tullgren and Wahlgren, Svenska Insekter :150.  
 [Notes.]
- 1924 *Cixius cunicularius* Lindberg, Acta Soc. Fauna Flora Fenn. 56: 45.  
 [Listed.]<sup>12</sup> :38. [Notes.]
- 1924 *Cixius cunicularius* Lindberg, Not. Ent. 4: 44. [Listed.]<sup>4</sup>
- 1925 *Cixius cunicularius* Della Beffa, Boll. Soc. Ent. Italiana 57: 147.  
 [Listed.]<sup>15</sup>
- 1926 *Cixius cunicularius* Rémy-Perrier, Homop. Faune France :91. [Key.]
- 1926 *Cixius cunicularius* Lindberg, Not. Ent. 6: 113. [Listed.]<sup>13</sup>
- 1927 *Cixius cunicularius* Poisson and Poisson, Bull. Soc. Linn. Normandie  
 (7) 9: 142. [Listed.]<sup>10</sup>
- 1930 *Cixius cunicularius* Britten, Check List Fauna Lancashire and Cheshire  
 1: 74. [Listed.]<sup>11</sup>

*cunicularius* var. *dionysii* Panzer. See *Cixius cunicularia* Linné.

### **cunicularia** var. **fusca** Fieber

- 1872 *Cixius cunicularius fuscus* Fieber, Kat. Europäischen Europe<sup>1</sup>  
 Cicad. :3. [Listed.] [nom. nud.]<sup>1</sup> Bohemia<sup>2</sup>
- 1875 *Cixius cunicularius fuscus* Puton, Cat. Hémipt. d'Europe Hungary<sup>3</sup>  
 2d. E. :113. [Listed.] [nom. nud.] Russia<sup>4</sup>
- 1876 *Cixius cunicularius fusca* Fieber, Cicad. d'Europe Pt. 2: Germany<sup>5</sup>  
 190 (180). [var. n.] France<sup>6</sup>
- 1886 *Cixius cunicularius fuscus* Puton, Cat. Hémipt. Faune Great  
 Pal. :69. [Listed.] Britain<sup>7</sup>
- 1892 *Cixius cunicularius fuscus* Duda, Cat. Ins. Faunae Bohemicae :27. [Listed.]<sup>2</sup>
- 1897 *Cixius cunicularius fuscus* Horváth, Fauna Regni Hungariae :54.  
 [Listed.]<sup>3</sup>
- 1899 *Cixius cunicularius fuscus* Puton, Cat. Hémipt. Faune Pal. :103. [Listed.]
- 1904 *Cixius cunicularius fuscus* Hueber, Syst. Verz. deutschen Zikadinen :267.  
 [Listed.]<sup>5</sup>
- 1907 *Cixius cunicularius fuscus* Oshanin, Verz. Palaeark. Hemip. 2: 244.  
 [Listed.]<sup>1</sup>



*Cixius*

- 1907 *Cixius cunicularius fuscus* Oshanin, Cat. Homop. St. Pétersbourg :243. (31). [Listed.]<sup>4</sup>  
 1908 *Cixius cunicularius fuscus* Lambertie, Act. Soc. Linn. Bordeaux 62: lxx (3). [Listed.]<sup>6</sup>  
 1908 *Cixius cunicularius fuscus* Saunders and Edwards, Cat. of British Hemip. :14. [Listed.]<sup>7</sup>  
 1908 *Cixius cunicularius fuscus* Oshanin, Verz. Palaeark. Hemip. 3: 446. [Listed.]<sup>4</sup>  
 1910 *Cixius cunicularius fuscus* Lambertie, Misc. Ent. 18: 89. [Listed.]<sup>6</sup>  
 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. Borneo<sup>1</sup>  
 [n. sp.]<sup>1</sup>  
 1859 *Cixius deductus* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup>  
 1907 *Cixius deductus* Distant, Ann. Mag. Nat. Hist. (7) 19: 286. [Mutilated.]<sup>1</sup>

*decoris* Valdes

- 1910 *Ciscirus* [sic] *decoris* [nom. nud.] Valdes, An. Acad. Cien. Cuba<sup>1</sup>  
 Habana 46: 443. [Listed.]<sup>1</sup>  
 1914 *Ciscuis* [sic] *decoris* [nom. nud.] Valdes, Zool. Mus. Cubano "Gundlach"  
 Cat. Gen. :104. [Listed.]<sup>1</sup>

**desertorum** Fieber

- 1865 *Flata desertorum* Becker, Bull. Soc. Nat. Moscou 37: Russia<sup>1</sup>  
 489. [sp. n.]<sup>1</sup> Hungary<sup>2</sup>  
 1872 *Cixius desertorum* Fieber, Kat. Europäischen Cicad. :3. Asia-Minor<sup>3</sup>  
 [Listed.]<sup>1</sup> Rumania<sup>4</sup>  
 1875 *Cixius desertorum* Puton, Cat. Hémip. d'Europe 2d. E. Caucasus<sup>5</sup>  
 :112. [Listed.]<sup>1</sup> Greece<sup>6</sup>  
 1876 *Cixius desertorum* Fieber, Cicad. d'Europe Pt. 2: 182 S. E. Europe<sup>7</sup>  
 (172). [Described.]<sup>1</sup>  
 1884 *Cixius desertorum* Signoret, Bull. Soc. Ent. France (6) 4: lxxix. [Notes.]  
 1886 *Cixius desertorum* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]<sup>1</sup>  
 1897 *Cixius desertorum* Horváth, Fauna Regni Hungariae :54. [Listed.]<sup>2</sup>  
 1899 *Cixius desertorum* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]<sup>2,1</sup>  
 1901 *Cixius desertorum* Horváth, Term. Fuzetek. 24: 484. [Listed.]<sup>3</sup>  
 1907 *Cixius desertorum* Oshanin, Verz. Palaeark. Hemip. 2: 242. [Listed.]<sup>1,2,3,4,5</sup>  
 1908 *Cixius desertorum* Oshanin, Ver. Palaeark. Hemip. 3: 445. [Listed.]<sup>6</sup>  
 1912 *Cixius desertorum* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]<sup>3,5,7</sup>  
 1914 *Cixius desertorum* Melichar, Mitt. Kaukasischen Mus. 8: 133 (7).  
 [Listed.]<sup>5</sup>

**despectus** Walker

- 1857 *Cixius despectus* Walker, Jour. Linn. Soc. Zool. 1: 148. Borneo<sup>1</sup>  
[n. sp.]<sup>1</sup>  
1859 *Cixius despectus* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup>  
1907 *Cixius despectus* Distant, Ann. Mag. Nat. Hist. (7) 19: 285. [Not recog-  
nizable.]<sup>1</sup>

**diffinis** Walker

- 1857 *Cixius diffinis* Walker, Jour. Linn. Soc. Zool. 1: 146. Borneo<sup>1</sup>  
[n. sp.]<sup>1</sup>  
1859 *Cixius diffinis* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup>  
1907 *Cixius diffinis* Distant, Ann. Mag. Nat. Hist. (7) 19: 286. [Mutilated.]<sup>1</sup>

**dilectus** Walker

- 1857 *Cixius dilectus* Walker, Jour. Linn. Soc. Zool. 1: 150. Borneo<sup>1</sup>  
[n. sp.]<sup>1</sup>  
1859 *Cixius dilectus* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup>

*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. Europe<sup>1</sup>  
[Listed.] [nom. nud.]<sup>1</sup> Italy<sup>2</sup>  
1875 *Cixius discrepans* Puton, Cat. Hémipt. d'Europe 2d. E. Spain<sup>3</sup>  
:112. [Listed.] [nom. nud.]<sup>1</sup> France<sup>4</sup>  
1876 *Cixius discrepans* Fieber, Cicad. d'Europe Pt. 2: 178 Portugal<sup>5</sup>  
(168). [n. sp.]<sup>2</sup> Tangier<sup>6</sup>  
1879 *Cixius discrepans* Bolivar and Chicote, An. Soc. Es-  
pañola 8: 175. [Listed.]<sup>3</sup>  
1880 *Cixius discrepans* Cuni, An. Soc. Española 9: 209 (5). [Listed.]<sup>3</sup> :240 (36).  
[Listed.]<sup>3</sup>  
1886 *Cixius discrepans* Puton, Cat. Hémipt. Faune Pal. :69. [Listed.]<sup>2,3,4,5</sup>  
1899 *Cixius discrepans* Puton, Cat. Hémipt. Faune Pal. :103. [Listed.]<sup>2,3,4,5</sup>  
1901 *Cixius discrepans* Lambertie, Act. Soc. Linn. Bordeaux 56: (85). [Listed.]<sup>4</sup>  
1907 *Cixius discrepans* Oshanin, Verz. Palaeark. Hemip. 3: 241. [Listed.]<sup>2,4,3</sup>  
1907 *Cixius discrepans* Melichar, Sitzber. Akad. Wiss. 116: 1038. [Listed.]<sup>6</sup>  
1910 *Cixius discrepans* Lambertie, Misc. Ent. 18: 88. [Listed.]<sup>4</sup>  
1912 *Cixius discrepans* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]<sup>4,3,2</sup>  
1928 *Cixius discrepans* Lallemand, Mem. Est. Mus. Zool. Univ. Coimbra  
1928: 8. [Listed.]<sup>5</sup>  
1930 *Cixius discrepans* de Seabra, Arq. Secc. Biol. e Par. 1 (4): 350. [Notes.]<sup>5</sup>

**distinctus** Signoret

- 1865 *Cixius distinctus* Signoret, Ann. Soc. Ent. France (4) 5: France<sup>1</sup>  
127. [n. sp.]<sup>1</sup> Spain<sup>2</sup>

*Cixius*

- 1872 *Cixius pinicolus* Fieber, Kat. Europäischen Cicad. :3. Belgium<sup>3</sup>  
[Listed.] [nomen nudum.]<sup>1</sup> Netherlands<sup>4</sup>
- 1872 *Cixius distinctus* Fieber, Kat. Europäischen Cicad. :3. Caucasus<sup>5</sup>  
[Listed.]<sup>1</sup>
- 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.]<sup>1</sup> Equals *Cixius distinctus* Sign.
- 1876 *Cixius pinicola* Fieber, Cicad. d'Europe Pt. 2: 181 (171). [n. sp.]<sup>1</sup>
- 1879 *Cixius pinicola* Bolivar and Chicote, An. Soc. Española 8: 175. [Listed.]<sup>2</sup>
- 1880 *Cixius pinicola* Cuni, An. Soc. Española 9: 209 (5). [Listed.]<sup>2</sup>
- 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.]<sup>1</sup>
- 1886 *Cixius distinctus* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]<sup>1</sup>
- 1888 *Cixius pinicola* Dubois, Mém. Soc. Linn. Nord France 7: 153 (57).  
[Listed.]<sup>1</sup>
- 1892 *Cixius pinicola* Lethierry, Rev. Hémip. Belgique :21. [Listed.]<sup>3</sup>
- 1899 *Cixius distinctus* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]<sup>1</sup>
- 1899 *Cixius pinicola* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]<sup>1</sup> Equals  
*Cixius distinctus* Sign.
- 1901 *Cixius pinicola* Lambertie, Act. Soc. Linn. Bordeaux 56: (85). [Listed.]<sup>1</sup>
- 1907 *Cixius pinicola* Oshanin, Verz. Palaeark. Hemip. 2: 242. [Listed.]<sup>1</sup> Equals  
*Cixius distinctus* Sign.
- 1908 *Cixius pinicola* Oshanin, Verz. Palaeark. Hemip. 3: 445. [Listed.]<sup>3,4</sup>
- 1908 *Cixius pinicola* Reuter, Acta Soc. Sci. Fennicae 36 (1): 72. [Listed.]<sup>1,2,3</sup>
- 1910 *Cixius pinicola* Lambertie, Misc. Ent. 18: 89. [Listed.]<sup>1</sup> Equals *Cixius  
distinctus* Sign.
- 1912 *Cixius pinicola* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]<sup>1</sup> Equals  
*Cixius distinctus* Sign.
- 1914 *Cixius pinicola* Melichar, Mitt. Kaukasischen Mus. 8: 133 (7). [Listed.]<sup>5</sup>
- 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. Natal<sup>1</sup>  
:79. [n. sp.]<sup>1</sup>

*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. Borneo<sup>1</sup>  
[n. sp.]<sup>1</sup>

1858 *Cixius dotatus* Walker, List Homop. British Mus. Add. :322. [Listed.]<sup>1</sup>

1859 *Cixius dotatus* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup>

*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. Chile<sup>1</sup>  
[n. sp.]<sup>1</sup>

*fasciolatus* Stål. See *Oliarus fasciolatus* Stål.

**ferreus** Walker

1857 *Cixius ferreus* Walker, Jour. Linn. Soc. Zool. 1: 146. Borneo<sup>1</sup>  
[n. sp.]<sup>1</sup>

1859 *Cixius ferreus* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup>

*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 Formosa<sup>1</sup>  
8: 405. [n. sp.]<sup>1</sup>

1915 *Cixius flavescens* Schumacher, Homop.-Fauna Insel Formosa :113.  
[Listed.]<sup>1</sup>

**flaviceps** Matsumura

1913 *Cixius flaviceps* Matsumura, 1000 Ins. Japan, Add. 1: Japan<sup>1</sup>  
60; Pl. VIII, Fig. 9. [n. sp., illustrated.]<sup>1</sup>

*flavisigna* Walker. See *Magadhi flavisigna* Walker. Family ACHILIDAE.

**flavobrunneus** Fowler

1904 *Cixius flavobrunneus* Fowler, Biologia Centrali-Ameri- Mexico<sup>1</sup>  
cana 1: 97; Pl. X, Figs. 27, 27a, 27b. [Illustrated, n. sp.]<sup>1</sup>

*franciscanus* Stål. See *Oliarus franciscanus* Stål.

**fuliginosus** Stephens

1829 *Cixius fuliginosus* Stephens, Cat. British Ins. :356. England<sup>1</sup>  
[Listed.]<sup>1</sup> [nom. nud.]

*Cixius***fulvicollis** Spinola

- 1852 *Cixius fulvicollis* Spinola, Gay's Hist. Chili 7: 254. [n. sp.]<sup>1</sup> Chile<sup>1</sup>  
*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, Chile<sup>1</sup>  
 Figs. 3, 3a-c. [n. sp., illustrated.]<sup>1</sup>

**grammica** Germar

- 1830 *Flata grammica* Germar, Thon Archiv 2: 49. [n. sp.]<sup>1</sup> Brazil<sup>1</sup>  
 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.]<sup>1</sup> Equals *Flata grammicus* Germ.  
 1851 *Cixius grammicus* Walker, List Homop. British Mus. 2: 342. [Listed.]<sup>1</sup>  
 Equals *Flata grammica* Germ.  
 1859 *Cixius grammicus* Dohrn, Cat. Hemip. :60. [Listed.]<sup>1</sup>  
 1926 *Flata grammica* Sherborn, Index Animalium 11: 2791. [Listed.]

**granulatus** Horváth

- 1897 *Cixius granulatus* Horváth, Term. Fuzetek 20: 620. Hungary<sup>1</sup>  
 [n. sp.]<sup>1</sup>  
 1897 *Cixius granulatus* Horváth, Fauna Regni Hungariae :54. [Listed.]<sup>1</sup>  
 1899 *Cixius granulatus* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]<sup>1</sup>  
 1907 *Cixius granulatus* Oshanin, Verz. Palaeark. Hemip. 2: 246. [Listed.]<sup>1</sup>  
 1912 *Cixius granulatus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]<sup>1</sup>

**gravelyi** Muir

- 1922 *Cixius gravelyi* Muir, Rec. Indian Mus. 24: 343. East  
 [n. sp.]<sup>1,2</sup> Himalayas<sup>1</sup>  
 India<sup>2</sup>

*guttifer* Walker. See *Faventia guttifer* Walker. Family ACHILIDAE.

**guttulatus** Walley

- 1932 *Cixius guttulatus* Walley, Canadian Ent. 64: 21. Quebec<sup>1</sup>  
 [n. sp.]<sup>1,2</sup> Ontario<sup>2</sup>

**hachijonis** Matsumura

- 1914 *Cixius hachijonis* Matsumura, Annot. Zool. Japonenses Japan<sup>1</sup>  
 8: 399. [n. sp.]<sup>1</sup>

**hakonensis** Matsumura

- 1914 *Cixius hakonensis* Matsumura, Annot. Zool. Japonenses Japan<sup>1</sup>  
 8: 404. [n. sp.]<sup>1</sup>

**helvolus** Spinola

- 1852 *Cixius helvolus* Spinola, Gay's Hist. Chili 7: 255. [n. sp.]<sup>1</sup> Chile<sup>1</sup>  
*hemerobioides* Schrank. See *Cixius nervosa* Linné.

**heydenii** Kirschbaum

- 1776 *Cicada bifasciata* Schrank, Beyträge zur Nat. :73. Switzerland<sup>1</sup>  
 [n. sp.] [nomen praeoc.] France<sup>2</sup>
- 1781 *Cicada bifasciata* Schrank, Enum. Ins. Austriae Indigenorum :255. [Described.] Austria<sup>3</sup>  
 Spain<sup>4</sup>
- 1868 *Cixius heydenii* Kirschbaum, Cicad. Wiesbaden :49. Portugal<sup>5</sup>  
 [n. sp.]<sup>1</sup> Germany<sup>6</sup>
- 1872 *Cixius heydeni* Fieber, Kat. Europäischen Cicad. :3. Hungary<sup>7</sup>  
 [Listed.]<sup>2</sup> South
- 1875 *Cixius heydeni* Puton, Cat. Hémip. d'Europe 2d. E. Europe<sup>8</sup>  
 :112. [Listed.]<sup>2</sup> Turkestan<sup>9</sup>
- 1876 *Cixius heydeni* Fieber, Cicad. d'Europe Pt. 2: 187 (177).  
 [Key.]<sup>2,1</sup>
- 1880 *Cixius heydeni* Chicote, An. Soc. Española 9: 199 (15). [Listed.]<sup>4,5</sup>
- 1881 *Cixius heydeni* Mayr, Ber. Natur.-Med. Ver. Innsbruck 10: 84 (8).  
 [Listed.]<sup>3</sup>
- 1884 *Cixius heydeni* Mayr, Tabellen :17. [Listed.]<sup>1,3</sup>
- 1886 *Cixius heydeni* Then, Kat. österreichischen Cicad. :10. [Listed.]<sup>3</sup>
- 1886 *Cixius heydeni* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]<sup>2,3,4,5,6</sup>
- 1896 *Cixius heydeni* Melichar, Cicad. Mittel-Europa :24. [Described.]<sup>3</sup> :22.  
 [Key.]
- 1897 *Cixius heydeni* Horváth, Fauna Regni Hungariae :54. [Listed.]<sup>7</sup>
- 1899 *Cixius heydeni* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]<sup>2,3,4,5,6</sup>
- 1900 *Cixius heydeni* Strobl, Mitt. Natur. Ver. Steiermark 36: 202. [Listed.]<sup>3</sup>
- 1901 *Cixius heydeni* Lambertie, Act. Soc. Linn. Bordeaux 56: (86). [Listed.]<sup>2</sup>
- 1902 *Cicada bifasciata* Sherborn, Index Animalium 1758-1800: 120. [Listed.]
- 1904 *Cixius heydeni* Hueber, Syst. Verz. deutschen Zikadinen :267. [Listed.]<sup>6</sup>
- 1907 *Cixius heydeni* Oshanin, Verz. Palaeark. Hemip. 2: 243. [Listed.]<sup>1,2,3,4,6,7</sup>
- 1910 *Cixius heydeni* Oshanin, Ann. Mus. Zool. St. Petersburg 15: 182. [Listed.]<sup>1</sup>
- 1910 *Cixius heydeni* Lambertie, Misc. Ent. 18: 89. [Listed.]<sup>2</sup>
- 1912 *Cixius heydeni* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]<sup>8</sup>
- 1912 *Cixius heydeni* Haupt, Berliner Ent. Zeit. 56: 193. [Notes.]<sup>6</sup> Equals *Cixius minor* Kb.
- 1913 *Cixius heydeni* Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]<sup>3</sup>
- 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.]<sup>4</sup>
- 1929 *Cixius heydeni* Kusnezov, Zool. Anz. 79: 328. [Listed.]<sup>9</sup>

*Cixius***heydenii** var. **minor** Kirschbaum

- 1868 *Cixius minor* Kirschbaum, Cicad. Wiesbaden :47. Germany<sup>1</sup>  
[n. sp.]<sup>1</sup>
- 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.]<sup>1</sup>
- 1875 *Cixius minor* Puton, Cat. Hémip. d'Europe 2d. E. :112. To *Cixius ner-*  
*vosus* Linn. [error.]
- 1884 *Cixius minor* Mayr, Tabellen :17. [Listed.]<sup>1</sup>
- 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. Switzerland<sup>1</sup>  
[var. n.]
- 1910 *Cixius heydeni notativertex* Oshanin, Ann. Mus. Zool. St. Petersburg 15:  
182. [Listed.]<sup>1</sup>
- 1912 *Cixius heydeni notativertex* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]

**hopponis** Matsumura

- 1914 *Cixius hopponis* Matsumura, Annot. Zool. Japonenses Formosa<sup>1</sup>  
8: 406. [n. sp.]<sup>1</sup>
- 1915 *Cixius hopponis* Schumacher, Homop.-Fauna Insel Formosa :113.  
[Listed.]<sup>1</sup>

*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 Africa<sup>1</sup>  
Amérique :170; Pl. XIX, Fig. 6. [Illustrated, n. sp.]<sup>1</sup>
- 1866 *Cixius hyalinus* Stål, Hemip. Africana 4: 263. [Listed.]<sup>1</sup> Equals *Jassus*  
*hyalinus* Palisot.
- 1866 *Cixius hyalinus* Stål, Hemip. Africana 4: 263. Equals *Jassus hyalinus*.
- 1927 *Iassus hyalinus* Sherborn, Index Animalium 12: 3068. [Listed.]

**ibukisanus** Matsumura

- 1914 *Cixius ibukisanus* Matsumura, Annot. Zool. Japonenses Japan<sup>1</sup>  
8: 397. [n. sp.]<sup>1</sup>

*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. Mysol<sup>1</sup>  
[n. sp.]<sup>1</sup> (East Indies)

*infumata* Fieber (var.). See *Cixius pilosa* var. *infumata* Fieber.

**insuetus** Walker

- 1857 *Cixius insuetus* Walker, Jour. Linn. Soc. Zool. 1: 150. Borneo<sup>1</sup>  
[n. sp.]<sup>1</sup>

- 1859 *Cixius insuetus* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup>

- 1907 *Cixius insuetus* Distant, Ann. Mag. Nat. Hist. (7) 19: 286. [Mutilated.]<sup>1</sup>

*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. Austria<sup>1</sup>  
[n. sp.]<sup>5</sup> :121. [Key.] Great

- 1870 *Cixius brachycranus* Scott, Ent. Monthly Mag. 7: 148. Britain<sup>2</sup>  
[n. sp.]<sup>5</sup> :121. [Key.] France<sup>3</sup>

- 1872 *Cixius brachycranus* Fieber, Kat. Europäischen Cicad. Germany<sup>4</sup>  
:3. [Listed.]<sup>1</sup> England<sup>5</sup>

- 1874 *Cixius intermedius* Lethierry, Cat. Hémip. Dept. du Hungary<sup>6</sup>  
Nord 2 Ed. :256 (52). [Listed.]<sup>3</sup> Russia<sup>7</sup>

- 1875 *Cixius intermedius* Puton, Cat. Hémip. d'Europe 2 Ed. Yugoslavia<sup>8</sup>  
:113. [Listed.]<sup>2,3</sup> Greece<sup>9</sup>

- 1875 *Cixius brachycranus* Puton, Cat. Hémip. d'Europe 2 Netherlands<sup>10</sup>  
Ed. :112. [Listed.]<sup>2,4</sup> Europe<sup>11</sup>

- 1876 *Cixius brachycranus* Douglas and Scott, Cat. British Caucasus<sup>12</sup>  
Hemip. :65. [Listed.]<sup>2</sup>

- 1876 *Cixius intermedius* Douglas and Scott, Cat. British Hemip. :65. [Listed.]<sup>2</sup>

- 1876 *Cixius brachycranus* Fieber, Cicad. d'Europe Pt. 2: 189 (179). [Key.]<sup>5,6,11</sup>  
Equals *Cixius intermedius* Scott.

- 1878 *Cixius brachycranus* Dale, History of Glanville's Wootton :304. [Listed.]<sup>5</sup>

- 1879 *Cixius intermedius* Norman, Ent. Monthly Mag. 15: 255. [Listed.]<sup>5</sup>

- 1880 *Cixius intermedius* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21:  
53. [Listed.]<sup>3</sup>

- 1884 *Cixius brachycranus* Mayr, Tabellen :17. [Listed.]<sup>6</sup>

- 1886 *Cixius brachycranus* Edwards, Syn. British Homop.-Cicadina Pt. 1: 51  
[Key.] :54. [Described.]<sup>2</sup> Equals *Cixius intermedius* Scott.



*Cixius*

- 1886 *Cixius brachycranus* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]<sup>1,2,3,4,7</sup>  
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.]<sup>2</sup> Equals *Cixius intermedius* Scott.
- 1890 *Cixius brachycranus* Buckton, Mon. British Cicadae **1**: 20; Pl. V, Figs.  
7–10. [Described, illustrated.]<sup>2</sup> Equals *Cixius intermedius* Scott. :24.  
[Key.]
- 1894 *Cixius brachycranus* Edwards, Hemip.-Homop. British Islands Pt. **1**: 26;  
Pl. 3, Fig. 10a. [Described, illustrated.]<sup>2</sup> :24. [Key.]
- 1896 *Cixius brachycranus* Melichar, Cicad. Mittel-Europa :24. [Described.]<sup>6</sup>  
Equals *Cixius intermedius* Scott. :22. [Key.]
- 1897 *Cixius brachycranus* Horváth, Fauna Regni Hungariae :54. [Listed.]<sup>6</sup>
- 1899 *Cixius brachycranus* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]<sup>1,2,3,4,7</sup>  
Equals *Cixius intermedius* Scott.
- 1901 *Cixius brachycranus* Lambertie, Act. Soc. Linn. Bordeaux **56**: (86).  
[Listed.]<sup>3</sup> Equals *Cixius intermedius* Scott.
- 1903 *Cixius brachycranus* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste **21**: 58.  
[Listed.]<sup>1</sup>
- 1903 *Cixius brachycranus* Horváth, Ann. Mus. Nat. Hungarici **1**: 27. [Listed.]<sup>8</sup>
- 1904 *Cixius brachycranus* Hueber, Syst. Verz. deutschen Zikadinen :267.  
[Listed.]<sup>4</sup> Equals *Cixius intermedius* Scott.
- 1907 *Cixius brachycranus* Oshanin, Verz. Palaeark. Hemip. **2**: 243. [Listed.]<sup>2,3,6,7,8</sup>  
Equals *Cixius intermedius* Scott.
- 1907 *Cixius brachycranus* Paganetti-Hummeler, Zeits. Wiss Insektenbiol. **3**: 95.  
[Listed.]<sup>9</sup>
- 1907 *Cixius brachycranus* Butler, Hemip. Hastings :56. [Listed.]<sup>5</sup>
- 1908 *Cixius brachycranus* Saunders and Edwards, Cat. of British Hemip. :14.  
[Listed.]<sup>2</sup> Equals *Cixius intermedius* Scott.
- 1908 *Cixius brachycranus* Whittaker, Hemip.-Homop. Lancashire and Cheshire  
:22. [Listed.]<sup>5</sup> Equals *Cixius intermedius* Scott.
- 1908 *Cixius brachycranus* Oshanin, Verz. Palaeark. Hemip. **3**: 446. [Listed.]<sup>10</sup>
- 1910 *Cixius brachycranus* Lambertie, Misc. Ent. **18**: 89. [Listed.]<sup>3</sup> Equals  
*Cixius intermedius* Scott.
- 1912 *Cixius brachycranus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]<sup>11</sup>
- 1912 *Cixius brachycranus* Butler, Ent. Monthly Mag. **48**: 189. [Listed.]<sup>5</sup>
- 1913 *Cixius brachycranus* Melichar, Mitt. Kaukasischen Mus. **7**: 14. [Listed.]<sup>12</sup>
- 1919 *Cixius brachycranus* Lyle, Entomologist **52**: 7. [Listed.]
- 1930 *Cixius brachycranus* Horváth, Jugoslavenska Akad. **16**: 45. [Listed.]<sup>8</sup>
- 1930 *Cixius brachycranus* Britten, Check List Fauna Lancashire and Cheshire  
**1**: 74. [Listed.]<sup>5</sup>

**interrupta** Uhler

- 1895 *Vincentia interrupta* Uhler, Proc. Zool. Soc. London St. Vincent<sup>1</sup>  
**1895**: 67. [n. sp.]<sup>1</sup> (West Indies)
- 1903 *Vincentia interrupta* Henshaw, Psyche **10**: 229. [Listed.]<sup>1</sup> Cuba<sup>2</sup>

1925 *Cixius interrupta* Muir, Pan-Pacific Ent. 1: 104. Equals  
*Vincentia interrupta* Uhl.

1926 *Vincentia interrupta* Osborn, Ann. Ent. Soc. America 19: 356. [Notes.]<sup>2</sup>

### **irroratus** Spinola

1852 *Cixius irroratus* Spinola, Gay's Hist. Chili 7: 253. Chile<sup>1</sup>  
[n. sp.]<sup>1</sup>

### **kermadecensis** Myers

1924 *Cixius kermadecensis* Myers, Trans. New Zealand Inst. Kermadec I.<sup>1</sup>  
55: 319. [n. sp.]<sup>1</sup>

### **kommonis** Matsumura

1914 *Cixius kommonis* Matsumura, Annot. Zool. Japonenses Formosa<sup>1</sup>  
8: 400. [n. sp.]<sup>1</sup>

1915 *Cixius kommonis* Schumacher, Homop.-Fauna Insel Formosa :113.  
[Listed.]<sup>1</sup>

### **kuyanianus** Matsumura

1914 *Cixius kuyanianus* Matsumura, Annot. Zool. Japo- Formosa<sup>1</sup>  
nenses 8: 398. [n. sp.]<sup>1</sup>

1915 *Cixius kuyanianus* Schumacher, Homop.-Fauna Insel Formosa :113.  
[Listed.]<sup>1</sup>

### **laevifrons** Walker

1858 *Cixius laevifrons* Walker, Insecta Saundersiana :43. Tasmania<sup>1</sup>  
[n. sp.]<sup>1</sup>

*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: China<sup>1</sup>  
85 (10). [n. sp.]<sup>1</sup> [nom. praeoc.]

1907 *Cixius latifrons* Oshanin, Verz. Palaeark. Hemip. 2: 246. [Listed.]<sup>1</sup>

1912 *Cixius latifrons* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]<sup>1</sup>

*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.]<sup>1</sup> Italy<sup>1</sup>  
[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: Corsica<sup>1</sup>  
378. [n. sp.]<sup>1</sup>
- 1872 *Cixius limbatus* Fieber, Kat. Europäischen Cicad. :3. [Listed.]<sup>1</sup>
- 1875 *Cixius limbatus* Puton, Cat. Hémipt. d'Europe 2d. E. :112. [Listed.]<sup>1</sup>
- 1886 *Cixius limbatus* Puton, Cat. Hémipt. Faune Pal. :69. [Listed.]<sup>1</sup>
- 1899 *Cixius limbatus* Puton, Cat. Hémipt. Faune Pal. :103. [Listed.]<sup>1</sup>
- 1907 *Cixius limbatus* Oshanin, Verz. Palaeark Hemip. 2: 242. [Listed.]<sup>1</sup>
- 1912 *Cixius limbatus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]<sup>1</sup>

*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. Natal<sup>1</sup>  
2: 347. [n. sp.]<sup>1</sup>
- 1859 *Cixius longipennis* Dohrn, Cat. Hemip. :60. [Listed.]<sup>1</sup>
- 1907 *Cixius longipennis* Distant, Ins. Transvaaliensia 8: 194; Fig. 36. [Listed,  
illustrated.]<sup>1</sup>

*longipennis* Melichar. See *Cixius persicus* Distant.

*lotti* Costa

- 1834 *Cixius lotti* Costa, Cenni Zool. :83. [Listed.] [nom. nud.]<sup>1</sup> Italy<sup>1</sup>
- 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.]<sup>1</sup> Chile<sup>1</sup>
- 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 Japan<sup>1</sup>  
8: 405. [n. sp.]<sup>1</sup> [nom. praeoc.]

*meander* Walker. See *Leirioessa meander* Walker.

**merula** Distant

- 1907 *Cixius merula* Distant, Ann. Mag. Nat. Hist. (7) 19: Queensland<sup>1</sup>  
284. [n. sp.]<sup>1</sup>
- 1907 *Cixius merula* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. 3: 115. [Listed.]<sup>1</sup>

*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.]<sup>1,3,21,22</sup> Atlantic States<sup>1</sup>
- 1884 *Cixius stigmatus* Uhler [nec Say], Standard Nat. Hist. **2**: 240. [Notes.]<sup>2</sup> North America<sup>2</sup>
- 1889 *Cixius stigmatus* Provancher [nec Say], Petite Faune Ent. Canada :222. [Described.]<sup>3</sup> Equals *Flata stigmata* Say. [error.] Canada<sup>3</sup>  
New Jersey<sup>4</sup>  
Iowa<sup>5</sup>
- 1889 *Cixius stigmatus* Van Duzee [nec Say], Canadian Ent. **21**: 7. [Listed.]<sup>3</sup> Ottawa<sup>6</sup>  
New York<sup>7</sup>
- 1890 *Cixius stigmatus* Smith [nec Say], Cat. Ins. New Jersey :440. [Listed.] Ontario<sup>8</sup>  
Colorado<sup>9</sup>
- 1892 *Cixius stigmatus* Southwick [nec Say], Science **19**: 357. [Listed.]<sup>7</sup> New Hampshire<sup>10</sup>
- 1892 *Cixius stigmatus* Osborn [nec Say], Proc. Iowa Acad. Sci. **1**: 127 (13). [Listed.]<sup>5</sup> Ohio<sup>11</sup>  
United States<sup>12</sup>
- 1892 *Cixius stigmatus* Harrington [nec Say], Ottawa Nat. **6**: 31. [Listed.]<sup>6</sup> Penn- sylvania<sup>13</sup>  
Eastern U.S.<sup>14</sup>
- 1893 *Cixius stigmatus* Lintner [nec Say], Ninth Report New York State Ent. :385. [Listed.]<sup>7</sup> Quebec<sup>15</sup>
- 1894 *Cixius stigmatus* Van Duzee [nec Say], Bull. Buffalo Soc. Nat. Sci. **5**: 190. [Listed.]<sup>7,8</sup> Kentucky<sup>16</sup>
- 1894 *Cixius stigmatus* Harrington [nec Say], Canadian Ent. **26**: 16. [Listed.]<sup>8</sup> Rhode Island<sup>17</sup>
- 1895 *Cixius stigmatus* Gillette and Baker [nec Say], Hemip. Colorado :68. [Listed.]<sup>9</sup> North Carolina<sup>18</sup>
- 1900 *Cixius stigmatus* Smith [nec Say], Ins. New Jersey **2**: 88. [Listed.]<sup>4</sup> Massa- chusetts<sup>19</sup>
- 1902 *Cixius stigmatus* Slosson [nec Say], Ent. News **13**: 321. [Listed.]<sup>10</sup> Georgia<sup>20</sup>
- 1904 *Cixius stigmatus* Osborn [nec Say], Ohio Nat. **4**: 100. [Listed.]<sup>11</sup> Michigan<sup>21</sup>  
Illinois<sup>22</sup>
- 1904 *Cixius stigmatus* Osborn [nec Say], Proc. Soc. Prom. Agr. Sci. **25**: 35. [Economics.]<sup>12</sup> Texas<sup>23</sup>  
Connecticut<sup>24</sup>
- 1904 *Cixius stigmatus* Swezey [nec Say], Prelim. Cat. Fulgoridae North America :27. [Listed.]<sup>4,7,8,10,11,16</sup> British Columbia<sup>25</sup>
- 1904 *Cixius stigmatus* Wirthner [nec Say], Ann. Carnegie Mus. **3**: 215. [Listed.]<sup>13</sup> Rocky Mts.<sup>26</sup>  
Maine<sup>27</sup>
- 1905 *Cixius stigmatus* Van Duzee [nec Say], Bull. New York State Mus. **97**: 552. [Listed.]<sup>7</sup>
- 1906 *Cixius stigmatus* Van Duzee [nec Say], Canadian Ent. **38**: 408. [Described, key.]<sup>3,14</sup>
- 1907 *Cixius stigmatus* Moore [nec Say], Canadian Ent. **39**: 189. [Listed.]<sup>15</sup>
- 1908 *Cixius stigmatus* Van Duzee [nec Say], Canadian Ent. **40**: 114. [Listed.]<sup>15</sup>
- 1908 *Cixius stigmatus* Van Duzee [nec Say], Proc. Acad. Nat. Sci. Philadelphia **1907**: 490. [Notes.]<sup>7,8,15,17</sup> :488. [Key.]

*Cixius*

- 1910 *Cixius stigmatus* Smith [nec Say], Rept. Ins. New Jersey :95. [Listed.]<sup>4</sup>  
 1910 *Cixius stigmatus* Young [nec Say], Bull. New York State Mus. **141**: 124. [Listed.]<sup>7</sup>  
 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.]<sup>18</sup>  
 1916 *Cixius misellus* Van Duzee, Check List Hemip. America :79. Nom. nov. for *Cixius stigmatus* Van Duzee. [Listed.]<sup>3,14</sup>  
 1917 *Cixius misellus* Van Duzee, Cat. Hemip. America :735. [Listed.]<sup>4,7,8,9,10,13,15,17,18,19,20,21,22,23</sup> Equals *Cixius stigmatus* Van D. [nec Say.]  
 1917 *Cixius misellus* Gibson, Ann. Rept. Ent. Soc. Ontario **47**: 166. [Listed.]<sup>8</sup>  
 1918 *Cixius stigmatus* Gibson [nec Say], Ann. Rept. Ent. Soc. Ontario **48**: 124. [Listed.]<sup>15</sup>  
 1918 *Cixius misellus* Weiss, Ent. News **29**: 309. [Listed.]<sup>4</sup>  
 1920 *Cixius misellus* Britton, Check-List Ins. Connecticut :46. [Listed.]<sup>24</sup> Equals *Cixius stigmaticus* Van Duz. [nec Germ.]  
 1922 *Cixius misellus* Osborn, Tech. Bull. New York St. Coll. For. **22**: 49; Fig. 19b. [Ecology, illustrated.]<sup>7</sup>  
 1923 *Cixius misellus* [sic] Van Duzee, Fulgoridae Hemip. Connecticut :33. [Described, key.]<sup>24</sup> 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.]<sup>25</sup>  
 1927 *Cixius misellus* [sic] Johnson, Biol. Surv., Mount Desert Reg. **1**: 33. [Listed.]<sup>27</sup>  
 1928 *Cixius misellus* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 72. [Described.]<sup>3,12</sup> Equals *Cixius stigmatus* Van D. [nec Say.] :70. [Key.]  
 1928 *Cixius misellus* Metcalf, Mem. Cornell Uni. Agr. Exp. Sta. **101**: 177. [Listed.]<sup>7</sup>  
 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.]<sup>1</sup> New Caledonia<sup>1</sup> (Melanesia)

**montanus** Fowler

- 1904 *Cixius montanus* Fowler, Biologia Centrali-Americana **1**: 96; Pl. X, Figs. 25, 25a. [n. sp., illustrated.]<sup>1</sup> Mexico<sup>1</sup>

*monticelli* Costa

- 1834 *Cixius monticelli* Costa, Cenni Zool. :83. [nom. nud.]<sup>1</sup> Italy<sup>1</sup>  
 1928 *Cixius monticelli* Sherborn, Index Animalium **16**: 4154. [Listed.] [nom. nud.]

**munitus** Walker

- 1857 *Cixius munitus* Walker, Jour. Linn. Soc. Zool. 1: 149. Borneo<sup>1</sup>  
[n. sp.]<sup>1</sup>  
1859 *Cixius munitus* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup>  
1907 *Cixius munitus* Distant, Ann. Mag. Nat. Hist. (7) 19: 286. [Mutilated.]<sup>1</sup>

*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: Japan<sup>1</sup>  
402. [n. sp.]<sup>1</sup>

**nervosa** Linné

- 1758 *Cicada nervosa* Linné, Syst. Nat. 10: 437. [n. sp.]<sup>1</sup> Europe<sup>1</sup>  
1761 *Cicada nervosa* Linné, Fauna Suecica :240. [Described.]<sup>4</sup> Austria<sup>2</sup>  
1762 *Cicada nervosa* Geoffrey, Hist. Abregée Ins. 1st Ed. 1: France<sup>3</sup>  
415. [Described.]<sup>1</sup> Sweden<sup>4</sup>  
1763 *Cicada nervosa* Scopoli, Ent. Carniolica :116; Fig. 341. Lapland<sup>5</sup>  
[Described, illustrated.] Germany<sup>6</sup>  
1764 *Cicada nervosa* Geoffrey, Hist. Abregée Ins. Ed. 2, 1: Italy<sup>7</sup>  
415. [Described.] Great Britain<sup>8</sup>  
1767 *Cicada nervosa* Linné, Syst. Nat. 12: 709. [Described.]<sup>1</sup> Russia<sup>9</sup>  
1773 *Cicada nervosa* De Geer, Mém. Hist. Ins. 3: 182. To Switzerland<sup>10</sup>  
*Cicada nervoso-punctata* De G. [error.] Finland<sup>11</sup>  
1775 *Cicada nervosa* Fuessly, Verz. Schweizze. Ins. :24. Norway<sup>12</sup>  
[Listed.]<sup>10</sup> Belgium<sup>13</sup>  
1775 *Cicada nervosa* Fabricius, Systema Ent. :686. [De- Spain<sup>14</sup>  
scribed.]<sup>1</sup> Moscou<sup>15</sup>  
1776 *Cicada hemerobioides* Schrank, Beyträge Zur Nat. :74. Bohemia<sup>16</sup>  
[n. sp.] Moravia<sup>17</sup>  
1778 *Cicada nervosa* Goeze, Ent. Beyträge 2: 136. [Listed.] British  
Equals *Cicada nervoso-punctata* De G. [error.] Isles<sup>18</sup>  
1780 *Cicada nervosa* Goeze, De Geer's Abh. Gesch. Ins. 3: West China<sup>19</sup>  
117. To *Cicada nervoso-punctata* De G. [error.] Serbia<sup>20</sup>  
1781 *Cicada nervosa* Schrank, Enum. Ins. Austriae :252. Prussia<sup>21</sup>  
[Described.]<sup>2</sup> Hungary<sup>22</sup>  
1781 *Cicada nervosa* Fabricius, Species Ins. 2: 327. [De- Rumania<sup>23</sup>  
scribed.]<sup>1</sup> Equals *Cicada nervoso-punctata* De G. [error.] Algeria<sup>24</sup>  
1781 *Cicada hemerobioides* Schrank, Enum. Ins. Austriae Tunisia<sup>25</sup>  
:257. [Described.]<sup>2</sup> Equals *Cicada nervosa* Linn. Siberia<sup>26</sup>  
1783 *Cicada nervosa* Retzius, Gen. et Sp. Ins. :82. To *Cicada* China<sup>27</sup>  
*nervoso-punctata* De G. [error.] Netherlands<sup>28</sup>  
1785 *Cicada nervosa* DeFourcroy, Ent. Parisiensis :184. [De- Paelearctic  
scribed.]<sup>3</sup>

*Cixius*

- 1787 *Cicada nervosa* Fabricius, Mantissa Ins. 2: 272. [Described.] Region<sup>29</sup>  
Trans-
- 1789 *Cicada nervosa* Gmelin, Linné Syst. Nat. 1 (4): 2105. caucasus<sup>30</sup>  
[Described.]<sup>1</sup> Equals *Cicada nervoso-punctata* De G. Czecho-  
[error.] slovakia<sup>31</sup>
- 1789 *Cicada nervosa* De Villers, Linn. Ent. :460. [Described.]<sup>1,3</sup> Japan<sup>32</sup>  
North
- 1791 *Fulgora nervosa* Olivier, Enc. Meth. 6: 575. [Described.]<sup>1</sup> Africa<sup>33</sup>  
Equals *Cicada nervosa* Linn. Equals *Cicada nervoso-*  
*punctata* De G. [error.] Caucasus<sup>34</sup>  
Macedonia<sup>35</sup>
- 1792 *Cicada nervosa* Petagna, Inst. Ent. 2: 620. [Described.]<sup>1</sup> Denmark<sup>36</sup>
- 1792 *Cicada neruosa* [sic] Rossi, Fauna Etrusca 2: 216. [Described.] Wales<sup>37</sup>
- 1794 *Cicada nervosa* Fabricius, Entomologia Syst. 4: 42. [Described.]<sup>1</sup> Morocco<sup>38</sup>  
England<sup>39</sup>  
Turkestan<sup>40</sup>
- 1799 *Cicada nervosa* Geoffrey, Hist. Abregée Ins. Third Ed. 1: 415. [Described.]
- 1802 *Cicada nervosa* Turton, Syst. Naturae Linn. 4: 596. [Described.]<sup>1</sup>
- 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.]<sup>1</sup>
- 1803 *Flata nervosa* Fabricius, Systema Rhyng. :54. [Described.]<sup>1</sup> Equals *Cicada*  
*nervosa* Fabr.
- 1804 *Cixius nervosus* Latreille, Hist. Nat. Ins. 12: 311. [Described.]<sup>1</sup> 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.]<sup>7</sup>  
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.]<sup>4</sup>
- 1821 *Flata nervosa* Germar, Mag. Ent. 4: 102. [Notes.]
- 1823 *Flata nervosa* Schinz, Das Thierreich 3: 591. [Described.]<sup>6</sup> 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.]<sup>3</sup> Equals *Flata nervosa* Fabr.
- 1830 *Cixius nervosus* Herrich-Schäffer, Deutschlands Ins. 112: 22. [Described, illustrated.]
- 1830 *Flata nervosa* Germar, Thon Archiv 2: 48. [Described.]<sup>3,6</sup> 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.]<sup>7</sup>
- 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.]<sup>6</sup> 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.]<sup>6</sup>
- 1837 *Cixius nervosus* Curtis, Guide Arrang. British Ins. Ed. 2: 223. [Listed.]<sup>8</sup>
- 1839 *Cixius nervosa* Spinola, Ann. Soc. Ent. France 8: 327. [Listed.]<sup>1</sup>
- 1840 *Cixia nervosa* Blanchard, Hist. Nat. Ins. Hémip. 3: 173. [Described.]<sup>1</sup> Equals *Cicada nervosa* Linn. Equals *Flata cynosbatis* Fabr. [error.] Equals *Fulgora nervosa* Oliv. Equals *Flata nervosa* Germ.
- 1840 *Flata nervosa* Blanchard, Hist. Nat. Ins. Hémip. 3: 174. To *Cixia albicincta* Germ. [error.]
- 1840 *Cixius nervosus* Zetterstedt, Ins. Lapponica Desc. :304. [Described.]<sup>5</sup>



- 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.]<sup>3</sup> 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.]<sup>3</sup> 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.]<sup>1</sup>
- 1846 *Cixia nervosa* Gimmerthal, Corr. Nat. Riga 1: 27. [Listed.]<sup>9</sup>
- 1847 *Cixius nervosus* [non binom.] Amyot, Ann. Soc. Ent. France (2) 5: 165. [Described.]<sup>1</sup> 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.]<sup>1</sup> 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.]<sup>24</sup> 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.]<sup>1</sup> 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.]<sup>1</sup> 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.]<sup>39</sup> 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.]<sup>1</sup>
- 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.]<sup>39</sup>
- 1859 *Cixius nervosus* Dohrn, Cat. Hemip. :60. To *Cixius cunicularius* Linn. [error.]
- 1859 *Cixius nervosus* Dohrn, Cat. Hemip. :60. [Listed.]<sup>1</sup> 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.]<sup>39</sup>
- 1861 *Cixius nervosus* Flor, Rhynch. Livlands 2: 22. [Described.]<sup>1</sup> 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.]<sup>6</sup> Equals *Cicada nervosus* Linn.
- 1864 *Cixius nervosus* Marshall, Ent. Monthly Mag. 1: 154. [Described.]<sup>8</sup> 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.]<sup>3</sup>
- 1866 *Cixius nervosus* Marshall, Ent. Monthly Mag. 3: 118. [Listed.]<sup>39</sup>
- 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.]<sup>3</sup>
- 1870 *Cixius nervosus* Oshanin, "Cat. Hemip. Moscou" :45. [Listed.]<sup>41</sup>
- 1870 *Cixius nervosus* Scott, Ent. Monthly Mag. 7: 146. [Described.]<sup>39</sup> 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.]<sup>12</sup>
- 1870 *Cixius nervosus* Wallengren, Ofv. Svenska Vet. Akad. Forh. 1870: 181. [Listed.]<sup>4</sup>

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- 1871 *Cixius nervosus* Brischke, Verz. Wanzen und Zirpen Prov. Preussen :13. [Listed.]<sup>21</sup>
- 1871 *Cixius nervosus* Sahlberg, Not. Fenn. (n. s.) 9 (12): 381. [Described.]<sup>11</sup>  
 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.]<sup>1</sup>
- 1874 *Cixius nervosus* Lethierry, Cat. Hémip. Dept. du Nord 2nd. Ed. :256 (52). [Listed.]<sup>3</sup>
- 1874 *Cixius nervosus* Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 85. [Notes.]<sup>6</sup>
- 1874 *Cixius nervosus* Siebke, Enum. Ins. Norvegicorum :39. [Listed.]<sup>12</sup>
- 1875 *Cixius nervosus* Puton, Cat. Hémip. d'Europe 2nd. Ed. :112. [Listed.]<sup>1</sup>  
 Equals *Cixius muscaeformis* Schr. [error.] Equals *Cixius minor* Kb. [error.]
- 1876 *Cixius nervosus* Douglas and Scott, Cat. British Hemip. :65. [Listed.]<sup>8</sup>  
 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.]<sup>1</sup> 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.]<sup>13</sup>
- 1878 *Cixius nervosus* Dale, History of Glanville's Wootton :304. [Listed.]<sup>39</sup>
- 1879 *Cixius nervosus* Norman, Ent. Monthly Mag. 15: 255. [Listed.]<sup>39</sup>
- 1879 *Cixius nervosus* Bolivar and Chicote, An. Soc. Española 8: 175. [Listed.]<sup>14</sup>
- 1880 *Cixius nervosus* Norman, Ent. Monthly Mag. 16: 213. [Listed.]<sup>39</sup>
- 1880 *Cixius nervosus* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 53. [Listed.]<sup>3</sup>
- 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.]<sup>2</sup>
- 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.]<sup>2</sup>
- 1882 *Cixius nervosus* Ferrari, Cicad. Agri Ligustici :80 (8). [Key, listed.]<sup>7</sup>  
 :81 (9). Equals *Cicada nervosa* Linn.
- 1883 *Cixius nervosus* Karsch, Insektenwelt :649. [Described.]
- 1884 *Cixius nervosus* Mayr, Tabellen :17. [Listed.]<sup>1</sup>
- 1884 *Cixius nervosus* Uhler, Standard Nat. Hist. 2: 240. [Notes.]
- 1884 *Cixius nervosus* Edwards, Trans. Nat. Soc. Norwich 3: 713. [Listed.]<sup>39</sup>

- 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.]<sup>24</sup>  
 1885 *Cixius nervosus* Ferrari, Bull. Soc. Ent. Italiana **17**: 270. [Listed.]<sup>7</sup> 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.]<sup>1</sup>  
 1885 *Cixius nervosus* Fairmaire, Hist. Nat. France Hémipt. :143. [Described.]<sup>3</sup>  
 1885 *Cixius nervosus* Kunckel d'Hercule, Brehm's Insectes **2**: 482; Fig. 1603. [Described, illustrated.]<sup>1</sup>  
 1886 *Cixius nervosus* Then, Kat. österreichischen Cicad. :10. [Listed.]<sup>1,2,31</sup>  
 1886 *Cixius nervosus* Puton, Cat. Hémipt. Faune Pal. :69. [Listed.]<sup>1</sup> Equals *Cixius minor* Kb. [error.]  
 1886 *Cixius nervosus* Edwards, Syn. British Homop.-Cicadina Pt. **1**: 51. [Key.] :54. [Described.]<sup>8</sup> 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.]<sup>1</sup>  
 1887 *Cixius nervosus* Fauvel, Rev. Ent. **6**: 16. [Listed.]<sup>3</sup>  
 1888 *Cixius nervosus* Edwards, Ent. Monthly Mag. **25**: 101. [Key.] :100. [Listed.]<sup>8</sup>  
 1888 *Cixius nervosus* Dubois, Mém. Soc. Linn. Nord. France **7**: 153 (57). [Listed.]<sup>3</sup>  
 1888 *Cixius nervosus* Costa, Atti Acc. Sci. Napoli (2) **1** (2): 70. [Listed.]<sup>7</sup>  
 1888 *Cixius nervosus* Costa, Atti Acc. Sci. Napoli (2) **1** (9): 39. [Listed.]<sup>7</sup>  
 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.]<sup>8</sup> 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.]<sup>8</sup>  
 1890 *Cixius nervosus* Dominique, Ann. Soc. Acad. Loire-Inf. **1890**: 25. [Listed.]<sup>3</sup>  
 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.]<sup>7</sup>  
 1892 *Cixius nervosus* Dominique, Bull. Soc. Sci. Nat. Ouest France **2**: 115. [Listed.]<sup>3</sup>  
 1892 *Cixius nervosus* Duda, Cat. Ins. Faunae Bohemicae :27. [Listed.]<sup>16</sup> Equals *Cixius minor* Kb. [error.]  
 1892 *Cixius nervosus* Spitzner, Hemip. Mährens :(26). [Listed.]<sup>17</sup>

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- 1892 *Cixius nervosus* Kirby, Elem. Text-book Ent. 2 Ed. :212. [Notes.]<sup>1</sup>  
 1892 *Cixius nervosus* Lethierry, Rev. Hémip. Belgique :21. [Listed.]<sup>13</sup>  
 1892 *Cixius nervosus* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>13</sup>  
 1893 *Cixius nervosus* Bezzi, Bull. Soc. Ent. Italiana 25: 107 (27). [Listed.]<sup>7</sup>  
 1893 *Cixius nervosus* Taschenberg, Brehm's Tierleben 3 Ed. :641; Fig. 1. [Notes, illustrated.]<sup>1</sup>  
 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.]<sup>18</sup>  
 1896 *Cixius nervosus* Melichar, Cicad. Mittel-Europa :23; Pl. 2, Figs. 10-18. [Described, illustrated.]<sup>1,2,6</sup> 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.]<sup>3</sup>  
 1897 *Cixius nervosus* Horváth, Fauna Regni Hungariae :54. [Listed.]<sup>22</sup>  
 1899 *Cixius nervosus* Melichar, Wien. Ent. Zeit. 18: 178. [Listed.]<sup>25</sup>  
 1899 *Cixius nervosus* Marchal, Bull. Soc. Hist. Nat. Autun 11: 588. [Listed.]<sup>3</sup>  
 1899 *Cixius nervosus* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]<sup>1</sup> Equals *Cixius minor* Kb. [error.]  
 1900 *Cixius nervosus* [sic] Fokker, Tijdschr. Ent. 42: 14. [Listed.]<sup>6</sup>  
 1900 *Cixius nervosus* Fokker, Tijdschr. Ent. 42: 24. [Listed.]<sup>24</sup>  
 1900 *Cixius nervosus* Hansen, Entomologist 33: 169. [Morphology.]  
 1900 *Cixius nervosus* Strobl, Mitt. Natur. Ver. Steiermark 36: 202. [Listed.]<sup>6</sup>  
 1901 *Cixius nervosus* Lambertie, Act. Soc. Linn. Bordeaux 56: (85). [Listed.]<sup>3</sup>  
 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.]<sup>3</sup>  
 1902 *Cixius nervosus* Cobelli, Cicadine Trentino :7. [Listed.]<sup>7</sup>  
 1902 *Cixius nervosus* Melichar, Ann. Mus. St. Petersburg 7: 85 (10). [Listed.]<sup>19</sup>  
 1903 *Cixius nervosus* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 58. [Listed.]<sup>2</sup>  
 1903 *Cixius nervosus* Horváth, Ann. Mus. Nat. Hungarici 1: 27. [Listed.]<sup>20</sup>  
 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.]<sup>6</sup> Equals *Cixius minor* Kb. [error.]  
 1906 *Cixius nervosus* Matsumura, Schr. Nat. Ges. Danzig 11: 75. [Listed.]<sup>21</sup>  
 1907 *Cixius nervosus* Bierman, Ent. Berichten 2: 51. [Listed.]<sup>28</sup>  
 1907 *Cixius nervosus* Oshanin, Verz. Palaeark. Hemip. 2: 243. [Listed.]<sup>2,3,4,5,6,7,8,9,11,14,22,23,24,25,26,27</sup> Equals *Cicada nervosa* Linn. Equals *Cixius minor* Kb. [error.]  
 1907 *Cixius nervosus* Butler, Hemip. Hastings :56. [Listed.]<sup>39</sup>

- 1907 *Cixius nervosus* Oshanin, Cat. Homop. St. Pétersbourg :242 (30). [Listed.]<sup>9</sup>
- 1908 *Cixius nervosus* Saunders and Edwards, Cat. of British Hemip. :14. [Listed.]<sup>8</sup>
- 1908 *Cixius nervosus* Oshanin, Verz. Palaeark. Hemip. **3**: 446. [Listed.]<sup>13,9,28</sup>
- 1908 *Cixius nervosus* Whittaker, Hemip.-Homop. Lancashire and Cheshire :22. [Listed.]<sup>39</sup>
- 1908 *Cixius nervosus* Reuter, Acta Soc. Sci. Fennicae **36** (1): 72. [Listed.]<sup>12</sup>
- 1910 *Cixius nervosus* Sulc, Sitzber. Kgl. Bohmischen Ges. Wiss. **1910**: 18. [Listed.]
- 1910 *Cixius nervosus* Lambertie, Misc. Ent. **18**: 89. [Listed.]<sup>3</sup> Equals *Cixius minor* Kb. [error.]
- 1910 *Cixius nervosus* Oshanin, Ann. Mus. Zool. St. Petersburg **15**: 182. [Listed.]<sup>12</sup>
- 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.]<sup>2</sup>
- 1912 *Cixius nervosus* Butler, Ent. Monthly Mag. **46**: 189. [Listed.]<sup>39</sup>
- 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.]<sup>6</sup>
- 1912 *Cixius nervosus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]<sup>29</sup>
- 1913 *Cixius nervosus* Dalla Torre, Ent. Jahrb. **22**: 149. [Listed.]<sup>2</sup>
- 1913 *Cixius nervosus* Horváth, Mitt. Kaukasischen Mus. **7**: 201 (2). [Listed.]<sup>30</sup>
- 1913 *Cixius nervosus* Melichar, Faune Walouyki Russie **7**: 5. [Listed.]<sup>9</sup>
- 1914 *Cixius nervosus* Matsumura, Annot. Zool. Japonenses **8**: 395. [Listed.]<sup>1</sup>.  
<sup>32,33</sup> Equals *Cicada nervosa* Linn.
- 1914 *Cixius nervosus* Melichar, Mitt. Kaukasischen Mus. **8**: 133 (7). [Listed.]<sup>31</sup>
- 1915 *Cixius nervosus* Jacobsen, Ent. Medd. **10**: 318. [Listed.]<sup>36</sup>
- 1915 *Cixius nervosus* Jensen-Haarup, Kobenhavn Flora og Fauna **1915**: 87. [Described.]<sup>36</sup> :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.]<sup>35</sup>
- 1919 *Cixius nervosus* Lyle, Entomologist **52**: 7. [Listed.]
- 1920 *Cixius nervosus* Jensen-Haarup, Danmarks Fauna :23; Figs. 9IIc, 10. [Described, illustrated.]<sup>36</sup> :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.]<sup>11</sup>
- 1924 *Cixius nervosus* Lindberg, Not. Ent. **4**: 43. [Listed.]<sup>4</sup>
- 1925 *Cixius nervosus* Brown, Ent. Monthly Mag. **61**: 63. [Listed.]<sup>37</sup>
- 1925 *Cixius nervosus* Della Beffa, Boll. Soc. Ent. Italiana **57**: 146. [Listed.]<sup>7</sup>

*Cixius*

- 1925 *Cixius* [sic] *nervosus* Kupka, Mitt. Munch. Ent. Ges. 15: 111. [Listed.]<sup>6</sup>  
 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.]<sup>38</sup>  
 1926 *Cixius nervosus* Heymons, Brehm's Tierleben 2: 156. [Notes, illustrated.]<sup>6</sup>  
 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.]<sup>3</sup>  
 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.]<sup>40</sup>  
 1930 *Cixius nervosus* Britten, Check List Fauna Lancashire and Cheshire 1: 74. [Listed.]<sup>39</sup>  
 1931 *Cixius nervosus* Matsumura, 6000 Ill. Ins. Japan Empire :1265. [Described, illustrated.]<sup>32</sup>

***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.]<sup>1</sup> Europa<sup>1</sup>  
 Bohemia<sup>2</sup>  
 1875 *Cixius nervosus fasciatus* Puton, Cat. Hémipt. d'Europe 2d. E. :112. [Listed.] [nom. nud.] Hungary<sup>3</sup>  
 Germany<sup>4</sup>  
 1876 *Cixius nervosus fasciata* Fieber, Cicad. d'Europe Pt. 2: 185 (175). [var. n.] Serbia<sup>5</sup>  
 Tunis<sup>6</sup>  
 1886 *Cixius nervosus fasciatus* Puton, Cat. Hémipt. Faune Pal. :69. [Listed.] Great Britain<sup>7</sup>  
 1892 *Cixius nervosus fasciatus* Duda, Cat. Ins. Faunae Bohemicae :27. [Listed.]<sup>2</sup> Austria<sup>8</sup>  
 1897 *Cixius nervosus fasciatus* Horváth, Fauna Regni Hungariae :54. [Listed.]<sup>3</sup>  
 1899 *Cixius nervosus fasciatus* Melichar, Wien. Ent. Zeit. 18: 178. [Listed.]<sup>6</sup>  
 1899 *Cixius nervosus fasciatus* Puton, Cat. Hémipt. Faune Pal. :103. [Listed.]  
 1900 *Cixius nervosus fasciata* Strobl, Mitt. Natur. Ver. Steiermark 36: 202. [Listed.]<sup>8</sup>  
 1903 *Cixius nervosus fasciatus* Horváth, Ann. Mus. Nat. Hungarici 1: 27. [Listed.]<sup>5</sup>  
 1904 *Cixius nervosus fasciatus* Hueber, Syst. Verz. deutschen Zikadinen :267. [Listed.]<sup>4</sup>  
 1907 *Cixius nervosus fasciatus* Oshanin, Verz. Palaeark. Hemip. 2: 243. [Listed.]<sup>1</sup>

- 1908 *Cixius nervosus fasciatus* Saunders and Edwards, Cat. of British Hemip.  
:14 [Listed]<sup>7</sup>  
1912 *Cixius nervosus fasciatus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]

**nervosa** var. **minor** Ferrari

- 1885 *Cixius nervosus minor* Ferrari, Bull. Soc. Ent. Italiana Italy<sup>1</sup>  
17: 270. [var. n.]<sup>1</sup>

*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. Java<sup>1</sup>  
[n. sp.]<sup>1</sup>

**nitobei** Matsumura

- 1914 *Cixius nitobei* Matsumura, Annot. Zool. Japonenses 8: Formosa<sup>1</sup>  
401. [n. sp.]<sup>1</sup>  
1915 *Cixius nitobei* Schumacher, Homop.-Fauna Insel Formosa :113. [Listed.]<sup>1</sup>  
1915 *Cixius nitobei* Schumacher, Suppl. Ent. 4: 131. [Listed.]<sup>1</sup>

*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. England<sup>1</sup>  
[Listed.]<sup>1</sup> [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. Chile<sup>1</sup>  
[n. sp.]<sup>1</sup>

**pallens** Spinola

- 1852 *Cixius pallens* Spinola, Gay's Hist. Chili 7: 256. [n. sp.]<sup>1</sup> Chile<sup>1</sup>  
*pallens* Germar. See *Oliarus pallens* Germar.



*Cixius*

*pallens* Walker. See *Mundopa pallida* Metcalf.

*pallidipennis* Guérin-Ménéville. See *Paradetya pallidipennis* Guérin-Ménéville. Family

## NOGODINIDAE.

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

**pallipes** Fieber

- 1872 *Cixius pallipes* Fieber, Kat. Europäischen Cicad. :3. Southern  
[Listed.]<sup>1</sup> [nom. nud.] Europe<sup>1</sup>
- 1875 *Cixius pallipes* Puton, Cat. Hémipt. d'Europe 2 Ed. :113. Italy<sup>2</sup>  
[Listed.]<sup>5</sup> [nom. nud.] Greece<sup>3</sup>
- 1876 *Cixius pallipes* Fieber, Cicad. d'Europe Pt. 2: 191 (181). France<sup>4</sup>  
[n. sp.]<sup>2,5,9</sup> Southern
- 1886 *Cixius pallipes* Puton, Cat. Hémipt. Faune Pal. :69. France<sup>5</sup>  
[Listed.]<sup>2,5</sup> Hungary<sup>6</sup>
- 1890 *Cixius pallipes* Dominique, Ann. Soc. Acad. Loire-Inf. Serbia<sup>7</sup>  
1890: 25. [Listed.]<sup>1</sup> Rumania<sup>8</sup>
- 1891 *Cixius pallipes* Fauvel, Rev. Ent. 10: 58. [Listed.]<sup>4</sup> Corsica<sup>9</sup>
- 1892 *Cixius pallipes* Ferrari, Ann. Mus. Genova (2) 12: 568 (20). [Listed.]<sup>2</sup>
- 1892 *Cixius pallipes* Dominique, Bull. Soc. Sci. Nat. Ouest France 2: 115.  
[Listed.]<sup>4</sup>
- 1897 *Cixius pallipes* Horváth, Fauna Regni Hungariae :54. [Listed.]<sup>6</sup>
- 1899 *Cixius pallipes* Puton, Cat. Hémipt. Faune Pal. :103. [Listed.]<sup>2,5,6</sup>
- 1901 *Cixius pallipes* Lambertie, Act. Soc. Linn. Bordeaux 56: (86). [Listed.]<sup>4</sup>
- 1902 *Cixius pallipes* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) 2: 221.  
[Listed.]<sup>4</sup>
- 1903 *Cixius pallipes* Horváth, Ann. Mus. Nat. Hungarici 1: 27. [Listed.]<sup>7</sup>
- 1903 *Cixius pallipes* Lambertie, Act. Soc. Linn. Bordeaux 58: (2). [Listed.]<sup>4</sup>
- 1904 *Cixius pallipes* Lambertie, Act. Soc. Linn. Bordeaux 59: XXX (14).  
[Listed.]<sup>4</sup>
- 1907 *Cixius pallipes* Oshanin, Verz. Palaeark. Hemip. 2: 244. [Listed.]<sup>2,5,6,8,9</sup>
- 1908 *Cixius pallipes* Oshanin, Verz. Palaeark. Hemip. 3: 446. [Listed.]<sup>3</sup>
- 1910 *Cixius pallipes* Lambertie, Misc. Ent. 18: 89. [Listed.]<sup>4</sup>
- 1910 *Cixius pallipes* Oshanin, Ann. Mus. Zool. St. Petersburg 15: 182.  
[Listed.]<sup>4</sup>
- 1912 *Cixius pallipes* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]<sup>1</sup>

**pallipes** var. **fumipennis** Horváth

- 1897 *Cixius pallipes fumipennis* Horváth, Term. Fuzetek. Croatia<sup>1</sup>  
20: 620. [n. var.]<sup>1</sup> South
- 1897 *Cixius pallipes fumipennis* Horváth, Fauna Regni Hungariae :54. [Listed.]<sup>3</sup> Hungary<sup>2</sup>  
(Yugo-
- 1899 *Cixius pallipes fumipennis* Puton, Cat. Hémipt. Faune Slavia)  
Pal. :103. [Listed.]<sup>1</sup> Hungary<sup>3</sup>
- 1907 *Cixius pallipes fumipennis* Oshanin, Verz. Palaeark. Hemip. 2: 244. [Listed.]<sup>1</sup>
- 1912 *Cixius pallipes fumipennis* Oshanin, Kat. Palaeark. Hemip. :117.  
[Listed.]<sup>2</sup>

**pallipes** var. **notaticollis** Rey1894 *Cixius pallipes notaticollis*[sic] Rey, Échange **10**: 14. [n. var.] France<sup>1</sup>1910 *Cixius pallipes notaticollis* Oshanin, Ann. Mus. Zool.  
St. Petersburg **15**: 182. [Listed.]<sup>1</sup>1912 *Cixius pallipes notaticollis* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]<sup>1</sup>*panorpaepennis* Guérin-Méneville. See *Salona panorpaepennis* Guérin-Méneville. Family  
**NOGODINIDAE**.**parinari** Rochebrune1883 *Cixius parinari* Rochebrune, Bull. Soc. Philom. Paris Senegambia<sup>1</sup>  
(7) **7**: 177. [n. sp.]<sup>1</sup>**parumpunctatus** Signoret1884 *Cixius parumpunctatus* Signoret, Bull. Soc. Ent. France Turkestan<sup>1</sup>  
(6) **4**: LXXIX. [n. sp.]<sup>1</sup>1886 *Cixius parumpunctatus* Puton, Cat. Hémipt. Faune Pal. :69. [Listed.]<sup>1</sup>1899 *Cixius parumpunctatus* Puton, Cat. Hémipt. Faune Pal. :103. [Listed.]<sup>1</sup>1907 *Cixius parumpunctatus* Oshanin, Verz. Palaeark. Hemip. **2**: 245. [Listed.]<sup>1</sup>1912 *Cixius parumpunctatus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]<sup>1</sup>*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 Persia<sup>1</sup>  
**7**: 86 (11). [n. sp.]<sup>1</sup>1907 *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.]<sup>1</sup>1908 *Cixius persicus* Oshanin, Verz. Palaeark. Hemip. **3**: 446. [Listed.]<sup>1</sup> Equals  
*Cixius longipennis* Mel.1912 *Cixius persicus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]<sup>1</sup> Equals  
*Cixius longipennis* Mel.**perturbatus** Walker1870 *Cixius perturbatus* Walker, Jour. Linn. Soc. Zool. **10**: Mysol<sup>1</sup>  
103. [n. sp.]<sup>1</sup> (East Indies)*phaeopterus* Stephens1829 *Cixius phaeopterus* Stephens, Cat. British Ins. :356. England<sup>1</sup>  
[Listed.]<sup>1</sup> [nom. nud.]1929 *Cixius phaeopterus* Sherborn, Index Animalium **19**: 4892. [Listed.] [nom.  
nud.]**pilifer** Melichar1903 *Cixius pilifer* Melichar, Homop.-Fauna Ceylon :30. Ceylon<sup>1</sup>  
[n. sp.]<sup>1</sup> :223. [Listed.]<sup>1</sup>

*Cixius*

- 1906 *Cixius pilifer* Distant, Fauna British India 3: 260; Fig. 115. [Described, illustrated.]<sup>1</sup>

**pilosellus** Matsumura

- 1914 *Cixius pilosellus* Matsumura, Annot. Zool. Japonenses Formosa<sup>1</sup>  
8: 405. [n. sp.]<sup>1</sup>
- 1915 *Cixius pilosellus* Schumacher, Homop.-Fauna Insel Formosa :113.  
[Listed.]<sup>1</sup>

**pilosa** Olivier

- 1791 *Fulgora pilosa* Olivier, Enc. Méth. 6: 575. [n. sp.]<sup>1</sup> France<sup>1</sup>
- 1804 *Cixius pilosus* Latreille, Hist. Nat. Ins. 12: 311. [Described.]<sup>1</sup> Equals *Fulgora pilosa* Oliv. Great Britain<sup>2</sup>
- 1818 *Flata contaminata* Germar, Mag. Ent. 3: 196. [n. sp.] Ireland<sup>3</sup>
- 1826 *Flata cunicularia* Fallén, [nec Linn.], Hemip. Sueciae :72. [Described.] Equals *Cicada leporina* Linn. [error.] Germany<sup>4</sup>  
Equals *Cercopis dionysii* Panz. [error.] Equals *Cicada cunicularia* Fabr. [error.] Equals *Delphax cynosbatis* Act. Central Europe<sup>5</sup>  
[error.] Turkestan<sup>6</sup>  
Denmark<sup>7</sup>
- 1828 *Cixius pilosus* Boitard, Man. Ent. Hist. Nat. Ins. 2: 155. [Described.]<sup>1</sup> Equals *Fulgora pilosa* Oliv. Norway<sup>8</sup>  
England<sup>9</sup>
- 1829 *Cixius pilosus* Curtis, Guide Arrang. British Ins. :194. [Listed.]<sup>2,3</sup> Europe<sup>10</sup>  
Lapland<sup>11</sup>
- 1829 *Cixius contaminatus* Curtis, Guide Arrang. British Ins. :194. [Listed.]<sup>2,3</sup> Finland<sup>12</sup>  
Spain<sup>13</sup>
- 1829 *Cixius pilosus* Stephens, Cat. British Ins. :356. [Listed.]<sup>9</sup> Belgium<sup>14</sup>
- 1829 *Cixius contaminatus* Stephens, Cat. British Ins. :356. [Listed.]<sup>9</sup> Equals *Flata contaminata* Germ. Portugal<sup>15</sup>  
Italy<sup>16</sup>
- 1830 *Flata contaminata* Germar, Thon Archiv 2: 49. [Described.]<sup>4</sup> Austria<sup>17</sup>  
Hungary<sup>18</sup>
- 1830 *Fulgora pilosa* Germar, Thon Archiv 2: 49. To *Flata stigmatica* Germ. [error.] Tunis<sup>19</sup>  
West China<sup>20</sup>
- 1835 *Cixia contaminata* Burmeister, Handb. Ent. 2 (1): 157. [Described.]<sup>4</sup> Equals *Flata contaminata* Germ. Bohemia<sup>21</sup>  
British Isles<sup>22</sup>
- 1835 *Flata contaminatus* Herrich-Schäffer, Nom. Ent. 1: 105. [Listed.] Equals *Flata nervosa* Panz. [error.] Equals *Cixius cynosbatis* Zett. [error.] Equals *Delphax contaminata* Fall. :65. [Key.] Sweden<sup>23</sup>  
Rumania<sup>24</sup>  
Moravia<sup>25</sup>  
Russia<sup>26</sup>
- 1835 *Flata contaminata* Burmeister, Handb. Ent. 2 (1): 157. To *Cixia stigmatica* Germ. [error.] Netherlands<sup>27</sup>  
Nearctic
- 1835 *Fulgora pilosa* Herrich-Schäffer, Nom. Ent. 1: 105. To *Flata stigmatica* Germ. [error.] Region<sup>28</sup>
- 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.]<sup>2,3</sup>
- 1837 *Cixius contaminatus* Curtis, Guide Arrang. British Ins. Ed. 2: 223. [Listed.]<sup>2,3</sup>

- 1837 *Cixius pilosus* Curtis, British Ent. 14: Pl. 673. [Listed.]<sup>9</sup>
- 1837 *Cixius contaminatus* Curtis, British Ent. 14: Pl. 673. [Listed.]<sup>9</sup>
- 1839 *Cixius contaminata* Spinola, Ann. Soc. Ent. France 8: 327. [Listed.]<sup>10</sup>
- 1840 *Cixia contaminata* Blanchard, Hist. Nat. Ins. Hémipt. 3: 174. [Described.]<sup>1,4</sup> Equals *Flata contaminata* Germ.
- 1843 *Cixius pilosus* Boitard, Nouveau Man. Ent. 3: 83. [Described.]<sup>1</sup> 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.]<sup>1,4</sup> Equals *Flata contaminata* Germ.
- 1850 *Cixius contaminatus* Schaum, Allg. Ency. Ersch und Gruber 51: 68. [Listed.]<sup>10</sup> 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.]<sup>9</sup> 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.]<sup>10</sup>
- 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.]<sup>9</sup>
- 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.]<sup>9</sup>
- 1862 *Cixius contaminatus* Curtis, Homop. British Ent. :Pl. 673. [Listed.]<sup>9</sup>
- 1864 *Cixius contaminatus* Marshall, Ent. Monthly Mag. 1: 155. [Described.]<sup>2</sup>
- 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.]<sup>9</sup>
- 1867 *Cixius cunicularius* Sahlberg, Hemip. Tornea Lappmark :231. [Listed.]<sup>11</sup>
- 1868 *Cixius contaminatus* Kirschbaum, Cicad. Wiesbaden :49. [Key.]<sup>4</sup>

*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.]<sup>2</sup>  
 Equals *Flata contaminata* Germ.  
 1871 *Cixius contaminatus* Sahlberg, Not. Fenn. (n. s.) 9 (12): 383. [Described.]<sup>12</sup>  
 Equals *Flata contaminatus* Germ. Equals *Flata albicincta* Germ. [q. v.]  
 1872 *Cixius pilosus* Fieber, Kat. Europäischen Cicad. :3. [Listed.]<sup>10</sup>  
 1872 *Cixius pilosus contaminata* Fieber, Kat. Europäischen Cicad. :3.  
 [Listed.]<sup>10</sup> Equals *Cixius cunicularia* Fall. [nec Linn.]  
 1874 *Cixius pilosus* Lethierry, Cat. Hémip. Dept. du Nord 2 Ed. :256 (52).  
 [Listed.]<sup>1</sup> Equals *Cixius contaminatus* Germ.  
 1874 *Cixius contaminatus* Cooke, Ent. Monthly Mag. 10: 211. [Notes.]<sup>9</sup>  
 1874 *Cixius contaminatus* Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg  
 20: 85. [Notes.]<sup>4</sup>  
 1875 *Cixius pilosus* Puton, Cat. Hémip. d'Europe 2nd Ed. :112. [Listed.]<sup>10</sup>  
 Equals *Cixius contaminatus* Germ. Equals *Cixius cunicularius* Fall. [nec  
 Linn.]  
 1876 *Cixius pilosus* Douglas and Scott, Cat. British Hemip. :65. [Listed.]<sup>2</sup>  
 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.]<sup>10</sup>  
 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.]<sup>14</sup>  
 1878 *Cixius contaminatus* Dale, History of Glanville's Wootton :304. [Listed.]<sup>9</sup>  
 1880 *Cixius pilosus* Chicote, An. Soc. Española 9: 199 (15). [Listed.]<sup>13,15</sup>  
 1880 *Cixius pilosus* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 53.  
 [Listed.]<sup>1</sup>  
 1881 *Cixius pilosus* Lethierry, Ann. Soc. Ent. Belgique 25: ix. [Listed.]<sup>16</sup>  
 1881 *Cixius pilosus* Mayr, Ber. Natur.-Med. Ver. Innsbruck 10: 84 (8).  
 [Listed.]<sup>17</sup>  
 1881 *Cixius pilosus contaminatus* Mayr, Ber. Natur.-Med. Ver. Innsbruck  
 10: 84 (8). [Listed.]<sup>17</sup>  
 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.]<sup>17</sup>  
 1882 *Cixius pilosus* Ferrari, Cicad. Agri Ligustici :80 (8). [Listed, key.]<sup>16</sup>  
 Equals *Fulgora pilosus* Oliv.  
 1884 *Cixius pilosus* Edwards, Trans. Nat. Soc. Norwich 3: 713. [Listed.]<sup>9</sup>  
 1884 *Cixius pilosus* Signoret, Bull. Soc. Ent. France (6) 4: LXXVIII. Equals  
*Cixius varius* Fabr. [error.]  
 1884 *Cixius pilosus* Mayr, Tabellen :17. [Listed.]<sup>10</sup>  
 1885 *Cixius pilosus* Fairmaire, Hist. Nat. France Hémip. :143. [Described.]<sup>1</sup>

- 1885 *Cixius pilosus* Ivanoff, Liste des Cigales :88. [Listed.] :108. [Key.]  
 1885 *Cixius pilosus* Ferrari, Bull. Soc. Ent. Italiana 17: 270. [Listed.]<sup>16</sup>  
 1886 *Cixius pilosus* Edwards, Syn. British Homop.-Cicadina Pt. 1: 51. [Key.] :52. [Described.]<sup>2</sup> 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.]<sup>19</sup>  
 1886 *Cixius pilosus* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]<sup>10</sup> Equals *Cixius contaminatus* Germ. Equals *Cixius cunicularius* Fall.  
 1886 *Cixius pilosus* Then, Kat. österreichischen Cicad. :10. [Listed.]<sup>10,17</sup>  
 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.]<sup>1</sup>  
 1890 *Cixius pilosus* Saunders and Edwards, Cat. British Hemip. :11. [Listed.]<sup>2</sup>  
 1890 *Cixius pilosus* Buckton, Mon. British Cicadae 1: 21; Pl. VI, Figs. 1-6. Pl. VII, Figs. 1-5. [Described, illustrated.]<sup>2</sup> 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.]<sup>1</sup>  
 1890 *Cixius pilosus* Funk, Ber. Nat. Ges. Bamberg 15: 139. [Listed.]<sup>4</sup> Equals *Cixius cunicularius* Linn. [error.] Equals *Cixius nervosus* Linn. [error.]  
 1892 *Cixius pilosus* Lethierry, Rev. Hémip. Belgique :21. [Listed.]<sup>14</sup>  
 1892 *Cixius pilosus* Dominique, Bull. Soc. Sci. Nat. Ouest France 2: 115. [Listed.]<sup>1</sup>  
 1892 *Cixius pilosus* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>14</sup>  
 1892 *Cixius pilosus* Ferrari, Ann. Mus. Genova (2) 12: 568 (20). [Listed.]<sup>16</sup>  
 1892 *Cixius pilosus* Duda, Cat. Ins. Faunae Bohemicae :27. [Listed.]<sup>21</sup> Equals *Cixius contaminatus* Germ. Equals *Cixius cunicularius* Fall. [nec Linn.]  
 1893 *Cixius pilosus* Bezzi, Bull. Soc. Ent. Italiana 25: 107 (27). [Listed.]<sup>16</sup>  
 1894 *Cixius pilosus* Edwards, Hemip.-Homop. British Islands Pt. 1: 25; Pl. 3, Fig. 7. [Described, illustrated.]<sup>22</sup> :24. [Key.]  
 1896 *Cixius pilosus* Melichar, Cicad. Mittel-Europa :22. [Described, key.]<sup>10,17,25</sup>  
 1896 *Cixius pilosus contaminatus* Melichar, Cicad. Mittel-Europa :23. [Described.]  
 1897 *Cixius pilosus* Acloque, Faune France :401. [Key.]<sup>1</sup>  
 1897 *Cixius pilosus* Horváth, Fauna Regni Hungariae :54. [Listed.]<sup>18</sup>  
 1899 *Cixius pilosus* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]<sup>10</sup> Equals *Cixius contaminatus* Germ. Equals *Cixius cunicularius* Fall. [nec Linn.]  
 1899 *Cixius pilosus* Marchal, Bull. Soc. Hist. Nat. Autun 11: 588. [Listed.]<sup>1</sup>  
 1899 *Cixius pilosus* Melichar, Wien. Ent. Zeit. 18: 178. [Listed.]<sup>19</sup>  
 1899 *Cixius pilosus contaminatus* Melichar, Wien. Ent. Zeit. 18: 178. [Listed.]<sup>19</sup>  
 1900 *Cixius pilosus* Fokker, Tijdschr. Ent. 42: 14. [Listed.]<sup>4</sup>  
 1900 *Cixius pilosus* Strobl, Mitt. Natur. Ver. Steiermark 36: 202. [Listed.]<sup>17</sup>  
 1900 *Cixius pilosus contaminatus* Strobl, Mitt. Natur. Ver. Steiermark 36: 202. [Listed.]<sup>17</sup>

*Cixius*

- 1901 *Cixius pilosus* Lambertie, Act. Soc. Linn. Bordeaux **56**: (85). [Listed.]<sup>1</sup>
- 1902 *Fulgora pilosa* Sherborn, Index Animalium 1758-1800: 752. [Listed.]
- 1902 *Cixius pilosus* Cobelli, Cicadine Trentino :7. [Listed.]<sup>16</sup>
- 1902 *Cixius pilosus* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) **2**: 221. [Listed.]<sup>1</sup>
- 1902 *Cixius pilosus* Melichar, Ann. Mus. St. Petersburg **7**: 85 (10). [Listed.]<sup>20</sup>
- 1903 *Cixius pilosus* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste **21**: 58. [Listed.]<sup>17</sup>
- 1904 *Cixius pilosus* Hueber, Syst. Verz. deutschen Zikadinen :267. [Listed.]<sup>4</sup>  
Equals *Cixius contaminatus* Germ. Equals *Cixius cunicularius* Fall. [nec Linn.]
- 1906 *Cixius pilosus* Matsumura, Schr. Nat. Ges. Danzig **11**: 75. [Listed.]<sup>4</sup>  
Equals *Cixius contaminatus* Germ.
- 1907 *Cixius pilosus* Bierman, Ent. Berichten **2**: 51, 113. [Listed.]<sup>27</sup>
- 1907 *Cixius pilosus* Oshanin, Verz. Palaeark. Hemip. **2**: 241. [Listed.]<sup>1,2,4,13,16,17,18,19,20,23,24,26</sup>  
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.]<sup>13</sup>
- 1907 *Cixius pilosus* Butler, Hemip. Hastings :56. [Listed.]<sup>9</sup>
- 1908 *Cixius pilosus* Oshanin, Verz. Palaeark. Hemip. **3**: 445. [Listed.]<sup>14,27</sup>
- 1908 *Cixius pilosus* Saunders and Edwards, Cat. of British Hemip. :14. [Listed.]<sup>2</sup>
- 1908 *Cixius pilosus* Whittaker, Hemip.-Homop. Lancashire and Cheshire :21. [Listed.]<sup>9</sup>
- 1910 *Cixius pilosus* Lambertie, Misc. Ent. **18**: 88. [Listed.]<sup>1</sup> Equals *Cixius contaminatus* Germ. Equals *Cixius cunicularius* Fall. [nec Linn.]
- 1910 *Cixius pilosus* Oshañin, Ann. Mus. Zool. St. Petersburg **15**: 182. [Listed.]<sup>1</sup>
- 1912 *Cixius pilosus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]<sup>10,19,20,28</sup>  
Equals *Cixius contaminatus* Germ. Equals *Cixius ? cunicularius* Fall. [nec Linn.]
- 1912 *Cixius pilosus* Schmidt, Stett. Ent. Zeit. **73**: 147. [Notes.]<sup>4</sup>
- 1913 *Cixius pilosus* Dalla Torre, Ent. Jahrb. **22**: 149. [Listed.]<sup>17</sup>
- 1913 *Cixius pilosus contaminatus* Dalla Torre, Ent. Jahrb. **22**: 149. [Listed.]<sup>17</sup>
- 1913 *Cixius pilosus* Strand, Arthropodenfauna Norwegens :274. [Listed.]<sup>8</sup>
- 1914 *Cixius pilosus* Haupt, Ent. Jahrb. **23**: 162 (4). [Ecology.]
- 1915 *Cixius pilosus* Jacobsen, Ent. Medd. **10**: 318. [Listed.]<sup>7</sup>
- 1915 *Cixius pilosus* Jensen-Haarup, Kobenhavn Flora og Fauna **1915**: 86. [Key, described.]<sup>7</sup>
- 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.]<sup>13</sup>
- 1920 *Cixius pilosus* Jensen-Haarup, Danmarks Fauna :21; Figs. 7I, 8I, 9Ib. [Described, illustrated.]<sup>7</sup> :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.]<sup>16</sup>  
 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.]<sup>1</sup>  
 1929 *Cixius pilosus* Kusnezov, Zool. Anz. **79**: 328. [Listed.]<sup>6</sup>  
 1929 *Cixius pilosus* Lallemand, Mem. Est. Mus. Zool. Univ. Coimbra **1929**: 6. [Listed.]<sup>15</sup>  
 1930 *Cixius pilosus* de Seabra, Arq. Secc. Biol. e Par. **1** (4): 350. [Notes.]<sup>15</sup>  
 1930 *Cixius pilosus* Britten, Check List Fauna Lancashire and Cheshire **1**: 74. [Listed.]<sup>9</sup>  
 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.] Britain<sup>1</sup>  
 1829 *Cixius albicinctus* Curtis, Guide Arrang. British Ins. Ireland<sup>2</sup>  
 :194. [Listed.]<sup>1,2</sup> Germany<sup>3</sup>  
 1829 *Cixius dorsalis* Stephens, Cat. British Ins. :356. Europe<sup>4</sup>  
 [Listed.]<sup>5</sup> [nom. nud.] Equals *Flata albicincta* Germ. England<sup>5</sup>  
 1830 *Flata albicincta* Germar, Thon Archiv **2**: 49. [De- France<sup>6</sup>  
 scribed.]<sup>3,6</sup> Equals *Flata nervosa* Fabr. [error.] Equals New Jersey<sup>7</sup>  
*Delphax cynosbatis* Fall. [error.] Belgium<sup>8</sup>  
 1835 *Cixia albicincta* Burmeister, Handb. Ent. **2** (1): 158. Penn-  
 [Described.]<sup>3</sup> Equals *Flata nervosa* Fabr. [error.] Equals sylvania<sup>9</sup>  
*Delphax cynosbatis* Fall. [error.] Equals *Flata albicincta* New York<sup>10</sup>  
 Germ. Sweden<sup>11</sup>  
 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.]<sup>6</sup>  
 1837 *Cixius albicinctus* Curtis, Guide Arrang. British Ins. Ed. **2**: 223. [Listed.]<sup>4</sup>  
 1837 *Flata albicincta* Gistel, Cicaden. München :107 (12). [Listed.]<sup>3</sup>  
 1837 *Flata contaminata* Herrich-Schäffer, Deutschlands Ins. **144**: 16. [De-  
 scribed, illustrated.]  
 1839 *Cixius albicincta* Spinola, Ann. Soc. Ent. France **8**: 327. [Listed.]<sup>4</sup>  
 1840 *Cixia albicincta* Blanchard, Hist. Nat. Ins. Hémipt. **3**: 174. [Described.]<sup>4</sup>  
 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.]<sup>4</sup>  
 Equals *Flata nervosa* Fabr. [error.] Equals *Delphax cynosbatis* Fall. [error.]  
 Equals *Flata albicincta* Germ.



- 1850 *Cixius albicinctus* Dahlbom, Vet. Akad. Handl. 1850: 203. [Listed.]<sup>11</sup>
- 1850 *Cixius albicinctus* Schaum, Allg. Ency. Ersch und Gruber 51: 68. [Listed.]<sup>4</sup> Equals *Flata albicinctus* Germ.
- 1851 *Cixius albicinctus* Walker, List Homop. British Mus. 2: 340. [Listed.]<sup>5</sup> 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.]<sup>4</sup> Equals *Cixius nervosus* Fabr. [error.] Equals *Cixius cynosbatis* Fall. [error.]
- 1860 *Cixius albicinctus* Walker, List British Hemip. :16. [Listed.]<sup>5</sup> 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.]<sup>5</sup>
- 1864 *Cixius contaminatus albicinctus* Marshall, Ent. Monthly Mag. 1: 155. [Described.]<sup>5</sup> 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.]<sup>6</sup>
- 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.]<sup>4</sup>
- 1874 *Cixius contaminatus albicincta* Cooke, Ent. Monthly Mag. 10: 211. [Listed.]<sup>5</sup>
- 1874 *Cixius pilosus albicinctus* Lethierry, Cat. Hémip. Dept. du Nord 2 Ed. :256 (52). [Listed.]<sup>6</sup>
- 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.]<sup>5</sup>
- 1880 *Cixius pilosus albicinctus* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 53. [Listed.]<sup>6</sup>
- 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.]<sup>6</sup>  
 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.]<sup>6</sup>  
 1892 *Cixius pilosus albicinctus* Coubeaux, Ann. Soc. Ent. Belgique **36**: 34 (1). [Listed.]<sup>8</sup>  
 1892 *Cixius pilosus albicinctus* Lethierry, Rev. Hémipt. Belgique :21. [Listed.]<sup>8</sup>  
 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.]<sup>9</sup>  
 1900 *Cixius albicincta* Smith, Ins. New Jersey **2**: 88. [Listed.]<sup>7,10</sup>  
 1901 *Cixius pilosus albicinctus* Lambertie, Act. Soc. Linn. Bordeaux **56**: (85). [Listed.]<sup>6</sup>  
 1902 *Cixius pilosus albicinctus* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) **2**: 221. [Listed.]<sup>6</sup>  
 1903 *Cixius pilosus albicinctus* Lambertie, Act. Soc. Linn. Bordeaux **58**: (2). [Listed.]<sup>6</sup>  
 1904 *Cixius albicinctus* Wirtner, Ann. Carnegie Mus. **3**: 215. [Listed.]<sup>9</sup>  
 1904 *Cixius pilosus albicinctus* Hueber, Syst. Verz. deutschen Zikadinen :267. [Listed.]<sup>3</sup>  
 1904 *Cixius albicincta* Swezey, Prelim. Cat. Fulgoridae North America :26. [Listed.]<sup>10</sup> 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.]<sup>4,10</sup> Equals *Flata contaminata* H.-S. Equals *Flata albicinctus* Germ.  
 1908 *Cixius pilosus albicinctus* Saunders and Edwards, Cat. of British Hemipt. :14. [Listed.]<sup>1</sup>  
 1908 *Cixius albicincta* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia **1907**: 491. [Notes.]  
 1910 *Cixius pilosus albicinctus* Lambertie, Misc. Ent. **18**: 88. [Listed.]<sup>6</sup>  
 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.]<sup>4,7(?)</sup>,<sup>9(?)</sup>.  
 1923 *Flata albicincta* Sherborn, Index Animalium **2**: 168. [Listed.]  
 1927 *Cixius pilosus albicinctus* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) **9**: 142. [Listed.]<sup>6</sup>  
 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.] France<sup>1</sup>  
 1910 *Cixius pilosus discicollis* Oshanin, Ann. Mus. Zool. St. Petersburg 15: 182. [Listed.]<sup>1</sup>  
 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.]<sup>1</sup> Europe<sup>1</sup>  
 Tunis<sup>2</sup>  
 1875 *Cixius pilosus infumatus* Puton, Cat. Hémip. d'Europe 2 Ed. :112. [Listed.] [nom. nud.] Belgium<sup>3</sup>  
 Bohemia<sup>4</sup>  
 1876 *Cixius pilosus infumata* Fieber, Cicad. d'Europe Pt. 2: 179 (169). [var. n.] France<sup>5</sup>  
 Italy<sup>6</sup>  
 1880 *Cixius pilosus infumatus* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 53. [Listed.]<sup>5</sup> Hungary<sup>7</sup>  
 Germany<sup>8</sup>  
 1886 *Cixius pilosus infumatus* Puton, Cat. Hémip. Faune Pal. :69. [Listed.] Great Britain<sup>9</sup>  
 1888 *Cixius pilosus infumatus* Dubois, Mém. Soc. Linn. Nord France 7: 153 (57). [Listed.]<sup>5</sup> Netherlands<sup>10</sup>  
 1892 *Cixius pilosus infumatus* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>3</sup>  
 1892 *Cixius pilosus infumatus* Lethierry, Rev. Hémip. Belgique :21. [Listed.]<sup>3</sup>  
 1892 *Cixius pilosus infumatus* Dominique, Bull. Soc. Sci. Nat. Ouest France 2: 115. [Listed.]<sup>5</sup>  
 1892 *Cixius pilosus infumatus* Duda, Cat. Ins. Faunae Bohemicae :27. [Listed.]<sup>4</sup>  
 1896 *Cixius pilosus infumatus* Melichar, Cicad. Mittel-Europa :23. [Described.]  
 1897 *Cixius pilosus infumatus* Horváth, Fauna Regni Hungariae :54. [Listed.]<sup>7</sup>  
 1899 *Cixius pilosus infumatus* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]  
 1899 *Cixius pilosus infumatus* Melichar, Wien. Ent. Zeit. 18: 178. [Listed.]<sup>2</sup>  
 1900 *Cixius pilosus infumatus* Fokker, Tijdschr. Ent. 42: 14. [Listed.]<sup>8</sup>  
 1901 *Cixius pilosus infumatus* Lambertie, Act. Soc. Linn. Bordeaux 56: (85). [Listed.]<sup>5</sup>  
 1902 *Cixius pilosus infumatus* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) 2: 221. [Listed.]<sup>5</sup>  
 1904 *Cixius pilosus infumatus* Hueber, Syst. Verz. deutschen Zikadinen :267. [Listed.]<sup>8</sup>  
 1907 *Cixius pilosus infumatus* Bierman, Ent. Berichten 2: 113. [Listed.]<sup>10</sup>  
 1907 *Cixius pilosus infumatus* Oshanin, Verz. Palaeark. Hemip. 2: 242. [Listed.]<sup>1</sup>  
 1908 *Cixius pilosus infumatus* Saunders and Edwards, Cat. of British Hemip. :14. [Listed.]<sup>9</sup>  
 1910 *Cixius pilosus infumatus* Lambertie, Misc. Ent. 18: 88. [Listed.]<sup>5</sup>  
 1912 *Cixius pilosus infumatus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]  
 1925 *Cixius pilosus infumatus* Della Beffa, Boll. Soc. Ent. Italiana 57: 146. [Listed.]<sup>6</sup>

- 1927 *Cixius pilosus infumatus* Poisson and Poisson, Bull. Soc. Linn. Normandie (7) 9: 141 [Listed.]<sup>5</sup>

***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.]<sup>1</sup> New York<sup>1</sup>
- 1852 *Cixius pini* Walker, List Homop. British Mus. 4 Suppl. Penn-  
:1135. [Listed.]<sup>7</sup> sylvania<sup>2</sup>
- 1857 *Cixius pini* Fitch, Fourth Rept. Ins. New York :739. Canada<sup>3</sup>  
[Notes.]<sup>1</sup> New Jersey<sup>4</sup>
- 1869 *Cixus* [sic] *pini* Rathvon, Hist. Lancaster Co. Penn. North  
:550. [Listed.]<sup>2</sup> America<sup>5</sup>
- 1881 *Cixius pini* Packard, Bull. United States Ent. Comm. Ottawa<sup>6</sup>  
7: 217. [Described.] United States<sup>7</sup>
- 1889 *Cixius pini* Van Duzee, Canadian Ent. 21: 7. [Listed.]<sup>3</sup>
- 1890 *Cixius pini* Packard, Rept. United States Ent. Comm. Quebec<sup>8</sup>  
Dept. Agr. 5: 803. [Described.] Colorado<sup>9</sup>
- 1890 *Cixius pini* Smith, Cat. Ins. New Jersey :439. [Listed.] North
- 1890 *Cixius pini* Van Duzee, Psyche 5: 388. [Listed.] Carolina<sup>10</sup>
- 1892 *Cixius pini* Harrington, Ottawa Nat. 6: 31. [Listed.]<sup>6</sup> Eastern
- 1893 *Cixius pini* Fitch, Reprint Cat. Homop. New York States<sup>11</sup>  
:385. [Described.]<sup>1</sup> Ontario<sup>12</sup>
- 1894 *Cixius pini* Van Duzee, Bull. Buffalo Soc. Nat. Sci. 5: Massa-  
190. [Notes.]<sup>1</sup> chusetts<sup>13</sup>
- 1900 *Cixius pini* Smith, Ins. New Jersey 2: 88. [Listed.]<sup>1,4</sup> Connecticut<sup>14</sup>
- 1904 *Cixius pini* Swezey, Prelim. Cat. Fulgoridae North New  
America :27. [Listed.]<sup>1,3</sup> Hampshire<sup>15</sup>
- 1904 *Cixius pini* Wirtner, Ann. Carnegie Mus. 3: 214. Michigan<sup>16</sup>  
[Listed.]<sup>2</sup> Northern
- 1906 *Cixius pini* Van Duzee, Canadian Ent. 38: 408. [Key.] States<sup>17</sup>
- 1906 *Cixius pini* Felt, Mem. 8. New York St. Mus. 2: 753. Maine<sup>18</sup>  
[Food plant, Pine.]
- 1907 *Cixius pini* Moore, Canadian Ent. 39: 189. [Listed.]<sup>8</sup>
- 1908 *Cixius pini* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia 1907: 489.  
[Key.] :490. [Notes.]<sup>1,9</sup>
- 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.]<sup>1</sup>
- 1915 *Cixius pini* Metcalf, Jour. Elisha Mitchell Soc. 31: 43 (11). [Listed.]<sup>10</sup>
- 1916 *Cixius pini* Van Duzee, Check List Hemip. America :79. [Listed.]<sup>3,11</sup>
- 1917 *Cixius pini* Van Duzee, Cat. Hemip. America :735. [Listed.]<sup>1,2,8,10,12,13</sup>
- 1920 *Cixius pini* Britton, Check-List Ins. Connecticut :46. [Listed.]<sup>14</sup>
- 1922 *Cixius pini* Osborn, Tech. Bull. New York St. Coll. For. 22: 50; Fig. 19a.  
[Ecology, illustrated.]<sup>1</sup>

*Cixius*

- 1923 *Cixius pini* Van Duzee, Fulgoridae Hemip. Connecticut :34. [Described.]<sup>3,14</sup> :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.]<sup>18</sup>  
 1928 *Cixius pini* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 70. [Key, described.]<sup>1,2,3,8,10,12,13,15,18</sup>

*pinicola* Fieber. See *Cixius distinctus* Signoret.

**praecox** Van Duzee

- 1925 *Cixius praecox* Van Duzee, Proc. California Acad. Sci. Oregon<sup>1</sup>  
 (4) **14**: 405. [n. sp.]<sup>1,2,3</sup> California<sup>2</sup>  
 1927 *Cixius praecox* Downes, Proc. Ent. Soc. British Colum- British  
 bia **23**: 21. [Listed.]<sup>3</sup> Columbia<sup>3</sup>

**pruinosis** Spinola

- 1852 *Cixius pruinosis* Spinola, Gay's Hist. Chili **7**: 254. [n. sp.]<sup>1</sup> Chile<sup>1</sup>

**punctimargo** Walker

- 1858 *Cixius punctimargo* Walker, List Homop. British Mus. New Zealand<sup>1</sup>  
 Suppl. :81. [n. sp.]<sup>1</sup>  
 1874 *Cixius punctimargo* Hutton, Trans. New Zealand Inst. **6**: 170. [Listed.]  
 1879 *Cixius punctimargo* White, Ent. Monthly Mag. **15**: 216. [Listed.]<sup>1</sup>  
 1898 *Cixius punctimargo* Hutton, Trans. New Zealand Inst. **30**: 185. [Key.]  
 :186. [Described.]<sup>1</sup>  
 1904 *Cixius punctimargo* Hutton, Index Faunae Novae Zealandiae :224.  
 [Listed.]<sup>1</sup>  
 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.]<sup>1</sup>

**punctulatus** Spinola

- 1852 *Cixius punctulatus* Spinola, Gay's Hist. Chili **7**: 257. Chile<sup>1</sup>  
 [n. sp.]<sup>1</sup>

*pustulatus* Walker. See *Faventia pustulata* Walker. Family ACHILIDAE.

**pyrenaicus** Fieber

- 1872 *Cixius pyrenaicus* Fieber, Kat. Europäischen Cicad. :3. France<sup>1</sup>  
 [Listed.] [nom. nud.]<sup>1</sup>  
 1875 *Cixius pyrenaicus* Puton, Cat. Hémipt. d'Europe 2d. E. :112. [Listed.]  
 [nom. nud.]<sup>1</sup>  
 1876 *Cixius pyrenaicus* Fieber, Cicad. d'Europe Pt. **2**: 184 (174). [n. sp.]<sup>1</sup>  
 1880 *Cixius pyrenaicus* Chicote, An. Soc. Española **9**: 199 (15). [Listed.]<sup>1</sup>  
 1886 *Cixius pyrenaicus* Puton, Cat. Hémipt. Faune Pal. :69. [Listed.]<sup>1</sup>  
 1899 *Cixius pyrenaicus* Puton, Cat. Hémipt. Faune Pal. :103. [Listed.]<sup>1</sup>  
 1901 *Cixius pyrenaicus* Lambertie, Act. Soc. Linn. Bordeaux **56** (85). [Listed.]<sup>1</sup>  
 1907 *Cixius pyrenaicus* Oshanin, Verz. Palaeark. Hemip. **2**: 243. [Listed.]<sup>1</sup>

1910 *Cixius pyrenaicus* Lambertie, Misc. Ent. **18**: 89. [Listed.]<sup>1</sup>

1912 *Cixius pyrenaicus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]<sup>1</sup>

*quinqüellineata*. Typographical error for *Oliarius quinquellineata* Say.

*quinqüecostatus* Dufour. See *Oliarius quinqüecostatus* Dufour.

*quinqüelineatus* 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.] Britain<sup>1</sup>  
British Isles<sup>2</sup>
- 1871 *Cixius similis* Scott, [nec Kirschbaum], Ent. Monthly Mag. **7**: 192. [Described.]<sup>1</sup> England<sup>3</sup>
- 1876 *Cixius similis* Douglas and Scott, [nec Kirschbaum], Cat. British Hemip.-Homop. :66. [Listed.]<sup>1</sup> Equals *Cixius leporinus* Marsh. [error.]
- 1886 *Cixius similis* Edwards, [nec Kirschbaum], Syn. British Homop.-Cicadina Pt. **1**: 54. [Described.]<sup>1</sup> :51. [Key.]
- 1888 *Cixius remotus* Edwards, Ent. Monthly Mag. **25**: 100. [Described.] Nom. nov. for *Cixius similis* Scott, [nec Kb.]. :101. [Key.]<sup>1</sup>
- 1890 *Cixius remotus* Buckton, Mon. British Cicadae **1**: 24. [Key.]
- 1890 *Cixius remotus* Saunders and Edwards, Cat. British Hemip. :11. [Listed.]<sup>1</sup> Equals *Cixius similis* Scott [nec Kb.].
- 1894 *Cixius remotus* Edwards, Hemip.-Homop. British Islands Pt. **1**: 27; Pl. 3, Fig. 11b. [Described, illustrated.]<sup>2</sup> Equals *Cixius similis* Scott [nec Kb.]. :25. [Key.]
- 1899 *Cixius remotus* Puton, Cat. Hémp. Faune Pal. :103. [Listed.]<sup>1</sup> Equals *Cixius similis* Scott [nec Kb.].
- 1907 *Cixius remotus* Oshanin, Verz. Palaeark. Hemip. **2**: 246. [Listed.]<sup>1</sup> Equals *Cixius similis* Scott [nec Kb.].
- 1908 *Cixius remotus* Saunders and Edwards, Cat. of British Hemip. :14. [Listed.]<sup>1</sup> Equals *Cixius similis* Scott [nec Kb.].
- 1912 *Cixius remotus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]<sup>3</sup> 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 respiciendus* Walker. Family TROPIDUCHIDAE.

### resurgens Walker

- 1858 *Cixius resurgens* Walker, Insecta Saundersiana :42. Natal<sup>1</sup>  
[n. sp.]<sup>1</sup>

*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.]<sup>1</sup> Italy<sup>1</sup>

*Cixius*

- 1872 *Cixius sanctangeli* Fieber, Kat. Europäischen Cicad. :3.  
[Listed.]<sup>1</sup>
- 1875 *Cixius ? sanctangeli* Puton, Cat. Hémipt. d'Europe 2d. E. :113. [Listed.]<sup>1</sup>
- 1886 *Cixius ? sanctangeli* Puton, Cat. Hémipt. Faune Pal. :69. [Listed.]<sup>1</sup>
- 1899 *Cixius ? sanctangeli* Puton, Cat. Hémipt. Faune Pal. :103. [Listed.]<sup>1</sup>
- 1907 *Cixius ? sanctangeli* Oshanin, Verz. Palaeark. Hemipt. 2: 247. [Listed.]<sup>1</sup>
- 1908 *Cixius sanctangeli* Oshanin, Verz. Palaeark. Hemipt. 3: 446. [Listed.]
- 1912 *Cixius ? sanctangeli* Oshanin, Kat. Palaeark. Hemipt. :117. [Listed.]<sup>1</sup>
- 1930 *Cixius sanctangeli* Sherborn, Index Animalium 23: 5731. [Listed.]

## scotti Edwards

- 1870 *Cixius simplex* Scott, [nec Herrich-Schäffer], Ent. British Isles<sup>1</sup>  
Monthly Mag. 7: 122. [Key.] Trans-
- 1871 *Cixius simplex* Scott, [nec Herrich-Schäffer], Ent. caucasus<sup>2</sup>  
Monthly Mag. 7: 191. [Described.]<sup>1</sup> Russia<sup>3</sup>
- 1876 *Cixius simplex* Fieber, [nec Herrich-Schäffer], Cicad. Caucasus<sup>4</sup>  
d'Europe Pt. 2: 194 (184). Equals *Flata simplex* H.-S. England<sup>5</sup>  
[error.] Italy<sup>6</sup>
- 1876 *Cixius simplex* Douglas and Scott, [nec Herrich-Schäffer], Cat. British Hemipt.-Homopt. :66. [Listed.]<sup>1</sup> Equals Isle of Wight<sup>7</sup>  
*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.]<sup>1</sup> 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.]<sup>1</sup>
- 1890 *Cixius scotti* Saunders and Edwards, Cat. British Hemipt. :11. [Listed.]<sup>1</sup>  
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.]<sup>1</sup> 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.]<sup>1</sup> Equals *Cixius simplex* Scott [nec  
H.-S.]. :25. [Key.]
- 1894 *Cixius scotti* Horváth, Rev. Ent. 13: 176. [Listed.]<sup>2,3</sup>
- 1899 *Cixius scotti* Puton, Cat. Hémipt. Faune Pal. :103. [Listed.]<sup>1</sup> Equals  
*Cixius simplex* Scott [nec H.-S.].
- 1907 *Cixius scotti* Butler, Ent. Monthly Mag. 43: 253. [Listed.]<sup>7</sup>
- 1907 *Cixius scotti* Oshanin, Verz. Palaeark. Hemipt. 2: 245. [Listed.]<sup>1,4</sup> Equals  
*Cixius simplex* Scott [nec H.-S.].
- 1908 *Cixius scotti* Saunders and Edwards, Cat. of British Hemipt. :14. [Listed.]<sup>1</sup>  
Equals *Cixius simplex* Scott [nec H.-S.].
- 1912 *Cixius scotti* Oshanin, Kat. Palaeark. Hemipt. :117. [Listed.]<sup>4,5</sup> Equals  
*Cixius simplex* Scott [nec H.-S.].
- 1925 *Cixius scotti* Della Befa, Boll. Soc. Ent. Italiana 57: 147. [Listed.]<sup>6</sup>

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.]<sup>1</sup> [nom. nud.] Italy<sup>1</sup>

1930 *Cixius scyllae* Sherborn, Index Animalium **23**: 5836. [Listed.] [nom. nud.]

*seriata* Germar

1830 *Flata seriata* Germar, Thon Archiv **2**: 49. [n. sp.]<sup>1</sup> Brazil<sup>1</sup>

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.]<sup>1</sup>  
Equals *Flata seriata* Germ.

1851 *Cixius seriatus* Walker, List Homop. British Mus. **2**: 342. [Listed.]<sup>1</sup>  
Equals *Flata seriata* Germ.

1859 *Cixius seriatus* Dohrn, Cat. Hemip. :60. [Listed.]<sup>1</sup>

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.]<sup>1</sup> unknown<sup>1</sup>

1850 *Cixius servillei* Schaum, Allg. Ency. Ersch und Gruber  
**51**: 68. [Listed.]<sup>1</sup>

1851 *Cixius servillei* Walker, List Homop. British Mus. **2**: 342. [Listed.]

1859 *Cixius servillei* Dohrn, Cat. Hemip. :60. [Listed.]<sup>1</sup>

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.]<sup>1</sup> Province<sup>1</sup>

1858 *Cixius setinervis* Walker, List. Homop. British Mus. South Africa<sup>2</sup>  
Add. :321. [Listed.]<sup>1</sup>

1859 *Cixius setinervis* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup>

1866 *Cixius setinervis* Stål, Hemip. Africana **4**: 170. [Described.]<sup>2</sup>

*sidnicus* Stål

1859 *Cixius sidnicus* Stål, Freg. Eugenes Resa :273. [n. sp.]<sup>1</sup> New South  
Wales<sup>1</sup>

*signifer* Walker

1870 *Cixius signifer* Walker, Jour. Linn. Soc. Zool. **10**: 104. Morty<sup>1</sup>  
[n. sp.]<sup>1</sup>

*similis* Kirschbaum

1864 *Cixius leporinus* Marshall, [nec Linné], Ent. Monthly Mag. **1**: 155. [Described.]<sup>1</sup> Great  
Britain<sup>1</sup>



*Cixius*

- 1868 *Cixius similis* Kirschbaum, Cicad. Wiesbaden :49. Germany<sup>2</sup>  
[n. sp.]<sup>2</sup> England<sup>3</sup>
- 1871 *Cixius similis* Scott, Ent. Monthly Mag. 7: 192. Equals Hungary<sup>4</sup>  
*Cixius leporinus* Marsh. [nec Linn.] Austria<sup>5</sup>
- 1872 *Cixius similis* Fieber, Kat. Europäischen Cicad. :3. Russia<sup>6</sup>  
[Listed.]<sup>2</sup> Denmark<sup>7</sup>
- 1875 *Cixius similis* Puton, Cat. Hémipt. d'Europe 2 Ed. :113.  
[Listed.]<sup>1,3</sup> Equals *Cixius leporinus* Marsh. [nec Linn.]
- 1876 *Cixius similis* Douglas and Scott, Cat. British Hemipt. :66. [Listed.]<sup>1</sup>  
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.]<sup>2</sup>
- 1884 *Cixius similis* Mayr, Tabellen :17. [Listed.]<sup>2</sup>
- 1886 *Cixius similis* Puton, Cat. Hémipt. Faune Pal. :69. [Listed.]<sup>1,2</sup> Equals  
*Cixius leporinus* Marsh. [nec Linn.]
- 1898 *Cixius similis* Edwards, Ent. Monthly Mag. 25: 101. [Key, described.]<sup>1</sup>
- 1889 *Cixius similis* Edwards, Trans. Nat. Soc. Norwich 4: 705. [Listed.]<sup>3</sup>
- 1890 *Cixius similis* Saunders and Edwards, Cat. British Hemipt. :11. [Listed.]<sup>1</sup>
- 1890 *Cixius similis* Buckton, Mon. British Cicadae 1: 22; Pl. VII, Figs. 6-9.  
[Described, illustrated.]<sup>1</sup> :24. [Key.]
- 1894 *Cixius similis* Edwards, Hemipt.-Homop. British Islands Pt. 1: 26; Pl. 3,  
Fig. 11. [Described, illustrated.]<sup>1</sup> :24. [Key.]
- 1896 *Cixius similis* Melichar, Cicad. Mittel-Europa :27. [Described.]<sup>2</sup> :22.  
[Key.]
- 1897 *Cixius similis* Horváth, Fauna Regni Hungariae :54. [Listed.]<sup>4</sup>
- 1899 *Cixius similis* Puton, Cat. Hemipt. Faune Pal. :103. [Listed.]<sup>1,2,4,5</sup> Equals  
*Cixius leporinus* Marsh. [nec Linn.]
- 1904 *Cixius similis* Hueber, Syst. Verz. deutschen Zikadinen :268. [Listed.]<sup>2</sup>  
Equals *Cixius leporinus* Marsh.
- 1906 *Cixius similis* Matsumura, Schr. Nat. Ges. Danzig :75. [Listed.]<sup>2</sup>
- 1907 *Cixius similis* Oshanin, Verz. Palaeark. Hemipt. 2: 246. [Listed.]<sup>1,2,4</sup>
- 1907 *Cixius similis* Butler, Hemipt. Hastings :56. [Listed.]<sup>3</sup>
- 1908 *Cixius similis* Saunders and Edwards, Cat. of British Hemipt. :14.  
[Listed.]<sup>1</sup>
- 1908 *Cixius similis* Whittaker, Hemipt.-Homop. Lancashire and Cheshire :22.  
[Listed.]<sup>3</sup>
- 1912 *Cixius similis* Oshanin, Kat. Palaeark. Hemipt. :117. [Listed.]<sup>2,3,4</sup>
- 1912 *Cixius similis* Sabrinsky, Mitt. Natur. Ver. Steiermark 48: 316. [Listed.]<sup>5</sup>
- 1913 *Cixius similis* Melichar, Faune Walouyki Russie 7: 5. [Listed.]<sup>6</sup>
- 1915 *Cixius similis* Jacobsen, Ent. Medd. 10: 318. [Listed.]<sup>7</sup>
- 1915 *Cixius similis* Jensen-Haarup, Kobenhavn Flora og Fauna 1915 :87.  
[Described.]<sup>7</sup> :86. [Key.]
- 1920 *Cixius similis* Jensen-Haarup, Danmarks Fauna :21; Figs. 7II, 8II.  
[Described, illustrated.]<sup>7</sup> :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.]<sup>3</sup>

*similis* Scott. See *Cixius remotus* Edwards.

### simplex Herrich-Schäffer

- 1835 *Flata simplex* Herrich-Schäffer, Nom. Ent. 1: 64. [n. sp., key.] Germany<sup>1</sup>  
Finland<sup>2</sup>
- 1850 *Cixius simplex* Schaum, Allg. Ency. Ersch und Gruber 51: 68. [Listed.]<sup>6</sup> Equals *Flata simplex* H.-S. Norway<sup>3</sup>  
France<sup>4</sup>
- 1851 *Cixius simplex* Walker, List Homop. British Mus. 2: 340. [Listed.]<sup>1</sup> Equals *Flata simplex* H.-S. Great Britain<sup>5</sup>
- 1859 *Cixius simplex* Dohrn, Cat. Hemip. :60. [Listed.]<sup>1</sup> Spain<sup>6</sup>
- 1868 *Cixius distinguendus* Kirschbaum, Cicad. Wiesbaden :48. [n. sp.]<sup>1</sup> Austria<sup>7</sup>  
Portugal<sup>8</sup>
- 1871 *Cixius distinguendus* [sic] Sahlberg, Not. Fenn. (n. s.) 9 (12): 382. [Described.]<sup>2</sup> Equals *Delphax cynosbatis* Fall. [error.] Equals *Cixius cynosbatis* Zett. [error.] Equals *Flata cunicularia* Fall. [error.] Italy<sup>9</sup>  
Armenia<sup>10</sup>  
Hungary<sup>11</sup>  
Netherlands<sup>12</sup>
- 1871 *Cixius simplex* Brischke, Verz. Wanzen und Zirpen Prov. Preussen :13. [Listed.]<sup>1</sup> Rumania<sup>13</sup>  
Algeria<sup>14</sup>
- 1871 *Cixius simplex* Scott, Ent. Monthly Mag. 7: 191. Caucasus<sup>15</sup>  
Europe<sup>16</sup>
- 1872 *Cixius simplex* Fieber, Kat. Europäischen Cicad. :3. Denmark<sup>17</sup>  
[Listed.]<sup>1</sup> 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.]<sup>3</sup>
- 1875 *Cixius simplex* Puton, Cat. Hémip. d'Europe 2 Ed. :113. [Listed.]<sup>1,4,5</sup>  
Equals *Cixius distinguendus* Kb. [in part.]
- 1876 *Cixius simplex* Douglas and Scott, Cat. British Hemip. :66. [Listed.]<sup>5</sup>  
Equals *Cixius distinguendus* Kb. [in part.] Equals *Flata simplex* H.-S.
- 1876 *Cixius simplex* Fieber, Cicad. d'Europe Pt. 2: 194 (184). [Key.]<sup>1</sup> Equals *Cixius distinguendus* Kb. [in part.] Equals *Flata simplex* H.-S.
- 1879 *Cixius simplex* Bolivar and Chicote, An. Soc. Española 8: 175. [Listed.]<sup>6</sup>
- 1882 *Cixius simplex* Ferrari, Cicad. Agri Ligustici :80 (8). [Key.] :82 (10). [Listed.]<sup>9</sup>
- 1884 *Cixius simplex* Mayr, Tabellen :17. [Listed.]<sup>1,7</sup>
- 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.]<sup>1,4,5,6,8,9</sup>  
Equals *Cixius distinguendus* Kb. [in part.]
- 1886 *Cixius simplex* Then, Kat. österreichischen Cicad. :11. [Listed.]<sup>7</sup>
- 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.]<sup>4</sup>
- 1891 *Cixius simplex* Horváth, Rev. Ent. 10: 74. [Listed.]<sup>10</sup>

*Cixius*

- 1892 *Cixius simplex* Ferrari, Ann. Mus. Genova (2) 12: 568 (20). [Listed.]<sup>9</sup>  
 1892 *Cixius simplex* Dominique, Bull. Soc. Sci. Nat. Ouest France 2: 115. [Listed.]<sup>4</sup>  
 1893 *Cixius simplex* Bezzi, Bull. Soc. Ent. Italiana 25: 107 (27). [Listed.]<sup>9</sup>  
 1896 *Cixius simplex* Melichar, Cicad. Mittel-Europa :26. [Described.]<sup>1</sup> Equals *Flata simplex* H.-S. Equals *Cixius distinguendus* Kb. [in part.] :22. [Key.]  
 1897 *Cixius simplex* Horváth, Fauna Regni Hungariae :54. [Listed.]<sup>11</sup>  
 1899 *Cixius simplex* Puton, Cat. Hémipt. Faune Pal. :103. [Listed.]<sup>1,4,6,7,8,9</sup> Equals *Cixius distinguendus* Kb. [in part.]  
 1900 *Cixius simplex* Fokker, Tijdschr. Ent. 42: 14. [Listed.]<sup>1</sup> :24. [Listed.]<sup>14</sup> :36. [Listed.]<sup>12</sup>  
 1901 *Cixius simplex* Lambertie, Act. Soc. Linn. Bordeaux 56: (86). [Listed.]<sup>4</sup>  
 1902 *Cixius simplex* Cobelli, Cicadine Trentino :7. [Listed.]<sup>9</sup>  
 1902 *Cixius simplex* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) 2: 221. [Listed.]<sup>4</sup>  
 1903 *Cixius simplex* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste 21: 58. [Listed.]<sup>7</sup>  
 1904 *Cixius simplex* Hueber, Syst. Verz. deutschen Zikadinen :268. [Listed.]<sup>1</sup> Equals *Cixius distinguendus* Kb. [in part.]  
 1906 *Cixius simplex* Matsumura, Schr. Nat. Ges. Danzig 11: 75. [Listed.]<sup>1</sup>  
 1907 *Cixius simplex* Oshanin, Verz. Palaeark. Hemip. 2: 245. [Listed.]<sup>1,4,6,7,9,12,11,13,14,15</sup> Equals *Flata simplex* H.-S. Equals *Cixius distinguendus* Kb. [in part.]  
 1910 *Cixius simplex* Lambertie, Misc. Ent. 18: 89. [Listed.]<sup>4</sup> Equals *Cixius distinguendus* Kb. [in part.]  
 1912 *Cixius simplex* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]<sup>14,15,16</sup>  
 1913 *Cixius simplex* Melichar, Mitt. Kaukasischen Mus. 7: 14. [Listed.]<sup>15</sup>  
 1913 *Cixius simplex* Dalla Torre, Ent. Jahrb. 22: 149. [Listed.]<sup>7</sup>  
 1915 *Cixius simplex* Jacobsen, Ent. Medd. 10: 318. [Listed.]<sup>17</sup>  
 1915 *Cixius simplex* Jensen-Haarup, Kobenhavn Flora og Fauna 1915: 87. [Described.]<sup>17</sup> :86. [Key.]  
 1920 *Cixius simplex* Jensen-Haarup, Danmarks Fauna :23. [Described.]<sup>17</sup> Equals *Cixius distinguendus* Kb. [in part.] :20. [Key.]  
 1920 *Cixius simplex* Edwards, Ent. Monthly Mag. 56: 58. [Described.]<sup>5</sup>  
 1920 *Cixius simplex* Codina, Bol. Soc. Ent. España 1: 104 (5). [Listed.]<sup>6</sup>

*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.]<sup>1</sup> France<sup>1</sup>  
 1899 *Cixius sticticus* Puton, Cat. Hémipt. Faune Pal. :103. Spain<sup>2</sup>  
 [Listed.]<sup>1</sup>  
 1907 *Cixius sticticus* Oshanin, Verz. Palaeark. Hemip. 2: 246. [Listed.]<sup>1</sup>  
 1907 *Cixius sticticus* Melichar, Sitzber. Akad. Wiss. 116: 1038. [Listed.]<sup>2</sup>  
 1908 *Cixius sticticus* Oshanin, Verz. Palaeark. Hemip. 3: 446. [Listed.]<sup>2</sup>  
 1912 *Cixius sticticus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]<sup>1,2</sup>

**sticticus** var. **vitreus** Rey

- 1891 *Cixius sticticus vitreus* Rey, Rev. Ent. **10**: 241. [var. n.]<sup>1</sup> France<sup>1</sup>  
 1899 *Cixius sticticus vitreus* Puton, Cat. Hémipt. Faune Pal.  
 :103. [Listed.]<sup>1</sup>  
 1907 *Cixius sticticus vitreus* Oshanin, Verz. Palaeark. Hemip. **2**: 246. [Listed.]<sup>1</sup>  
 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.]<sup>1</sup> Missouri<sup>1</sup>  
 Rocky  
 1850 *Pocilloptera* [sic] *stigmata* Schaum, Allg. Ency. Ersch und Gruber **51**: 72. [Listed.]<sup>2</sup> Equals *Flata stigmata* Say. United  
 Mountains<sup>2</sup>  
 1851 *Pocilloptera* [sic] *stigmata* Walker, List Homop. British States<sup>3</sup>  
 Mus. **2**: 469. [Listed.]<sup>3</sup> Equals *Flata stigmata* Say. New York<sup>4</sup>  
 1851 *Cixius stigmatus* Fitch, Cat. Homop. :45. [Listed.]<sup>4</sup> North  
 1852 *Cixius stigmatus* Walker, List Homop. British Mus. **4** America<sup>5</sup>  
 Suppl. :1135. [Listed.]<sup>3</sup> Penn-  
 1859 *Flata stigmata* Say, Comp. Writings of Thomas Say **2**: sylvania<sup>6</sup>  
 255. [n. sp.]<sup>1</sup> Colorado<sup>7</sup>  
 1859 *Pocilloptera?* [sic] *stigmata* Dohrn, Cat. Hemip. :66. New Mexico<sup>8</sup>  
 [Listed.]<sup>5</sup> California<sup>9</sup>  
 1869 *Flata stigmata* Rathvon, Hist. Lancaster Co. Penn. :550. Canada<sup>10</sup>  
 [Listed.]<sup>6</sup> New  
 1872 *Cixius stigmatus* Uhler, Prelim. Rept. United States Hampshire<sup>11</sup>  
 Geol. Surv. Wyoming :472. [Listed.]<sup>7,8</sup> New Jersey<sup>12</sup>  
 1876 *Cixius stigmatus* Uhler, Bull. United States Geol. Geog. Ohio<sup>13</sup>  
 Surv. **1** (5): 352. [Listed.]<sup>1,7,17</sup> Equals *Flata stigmata* Say. Iowa<sup>14</sup>  
 1889 *Cixius stigmatus* Provancher, Petite Faune Ent. Canada Nebraska<sup>15</sup>  
 :222. Equals *Flata stigmata* Say. Kansas<sup>16</sup>  
 1890 *Cixius stigmata* Van Duzee, Psyche **5**: 389. Equals *Flata* Texas<sup>17</sup>  
*stigmata* Say. Georgia<sup>18</sup>  
 1893 *Cixius stigmatus* Fitch, Reprint Cat. Homop. New York Great  
 :385. [Listed.]<sup>4</sup> Plains<sup>19</sup>  
 1893 *Cixius stigmatus* Riley, North American Fauna **7**: 250. [Listed.]<sup>9</sup>  
 1895 *Cixius stigmatus* Gillette and Baker, Hemip. Colorado :68. [Listed.]<sup>7</sup>  
 1901 *Cixius stigmatus* Howard, Insect Book :256; Pl. XXVIII, Fig. 2. [Illus-  
 trated.]  
 1904 *Cixius stigmatus* Swezey, Prelim. Cat. Fulgoridae North America :27.  
 [Listed.]<sup>1,4,7,10,11,12,13,14,15,16,17,18</sup> Equals *Flata stigmata* Say.  
 1907 *Cixius stigmatus* Tucker, Bull. Kansas Univ. Sci. **4**: 65. [Listed.]<sup>7,16</sup>  
 1910 *Cixius lepidus* Van Duzee, Trans. American Ent. Soc. **36**: 87. [n. sp.]<sup>7</sup>  
 1916 *Cixius stigmatus* Van Duzee, Check List Hemip. America :79. [Listed.]<sup>19</sup>  
 Equals *Cixius lepidus* Van D.  
 1917 *Cixius stigmatus* Van Duzee, Cat. Hemip. America :735. [Listed.]<sup>1,7,16</sup>

*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.]<sup>1,7,13,14,16,17</sup> Equals *Flata stigmatus* Say.  
 1930 *Cixius stigmatus* Hendrickson, Iowa State Jour. Sci. **4**: 89. [Ecology.]<sup>14</sup>  
 1931 *Flata stigmata* Sherborn, Index Animalium **25**: 6154. [Listed.]

*stigmatica* Germar

- 1818 *Flata stigmatica* Germar, Mag. Ent. **3**: 199. [n. sp.] Germany<sup>1</sup>  
 1825 *Flata stigmatica* Germar, Fauna Ins. Europae, Fasc. **11**: Great Britain<sup>2</sup>  
 Pl. 20. [Described, illustrated.]<sup>1</sup>  
 1829 *Cixius stigmaticus* Curtis, Guide Arrang. British Ins. Ireland<sup>3</sup>  
 :194. [Listed.]<sup>2,3</sup> Russia<sup>4</sup>  
 1829 *Cixius stigmaticus* Stephens, Cat. British Ins. :356. Europe<sup>5</sup>  
 [Listed.]<sup>6</sup> Equals *Flata stigmatica* Germ. England<sup>6</sup>  
 1830 *Flata stigmatica* Germar, Thon Archiv **2**: 49. [De- France<sup>7</sup>  
 scribed.]<sup>1</sup> Equals *Fulgora pilosa* Oliv. [error.] Spain<sup>8</sup>  
 1835 *Cixia stigmatica* Burmeister, Handb. Ent. **2** (1): 157. Denmark<sup>9</sup>  
 [Described.]<sup>1</sup> :158. Equals *Flata contaminata* Germ. Caucasus<sup>10</sup>  
 [error.] Equals *Fulgora pilosa* Oliv. [error.] Livonia<sup>11</sup>  
 1835 *Flata stigmatica* Herrich-Schäffer, Nom. Ent. **1**: 105. Belgium<sup>12</sup>  
 [Listed.] Equals *Fulgora pilosa* Oliv. [error.] :65. [Key.] Moravia<sup>13</sup>  
 1836 *Flata stigmatica* Herrich-Schäffer, Deutschlands Ins. Bohemia<sup>14</sup>  
**143**: 22. [Described, illustrated.]<sup>1</sup> British Isles<sup>15</sup>  
 1837 *Cixius stigmaticus* Curtis, Guide Arrang. British Ins. Austria<sup>16</sup>  
 Ed. **2**: 223. [Listed.]<sup>2,3</sup> Norway<sup>17</sup>  
 1837 *Flata stigmatica* Gistel, Cicaden München :107 (12). Hungary<sup>18</sup>  
 [Listed.]<sup>1</sup> Italy<sup>19</sup>  
 1837 *Cixius stigmaticus* Curtis, British Ent. **14**: Pl. 673. Rumania<sup>20</sup>  
 [Listed.]<sup>6</sup> Sweden<sup>21</sup>  
 1839 *Cixius stigmatica* Spinola, Ann. Soc. Ent. France **8**: 327. Finland<sup>22</sup>  
 [Listed.]<sup>5</sup> Livonia<sup>23</sup>  
 1846 *Cixia stigmatica* Gimmerthal, Corr. Nat. Riga **1**: 27. Switzerland<sup>24</sup>  
 [Listed.]<sup>4</sup> New York<sup>25</sup>  
 1847 *Cixius* Amyot, Ann. Soc. Ent. France (2) **5**: 165. [non Portugal<sup>26</sup>  
 binom.] Equals *Flata stigmaticus* Germ. Czecho-  
 1848 *Cixius* Amyot, Méth. Mon. :361. [non binom.] Equals slovakia<sup>27</sup>  
*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 ]<sup>5</sup>  
 Equals *Flata stigmatica* Germ. Equals *Fulgora pilosa* Oliv. [error.]  
 1851 *Cixius stigmaticus* Walker, List Homop. British Mus. **2**: 341. [Listed.]<sup>5</sup>  
 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.]<sup>5</sup> Equals *Cixius contaminatus* Germ. [error.] Equals *Cixius pilosus* Oliv. [error.]
- 1860 *Cixius stigmaticus* Walker, List British Hemip. :16. [Listed.]<sup>6</sup>
- 1861 *Cixius contaminatus* Flor, [nec Germar], Rhynch. Livlands 2: 24. [Described.]<sup>5</sup> 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.]<sup>6</sup>
- 1864 *Cixius musivus* Marshall, Ent. Monthly Mag. 1: 155. [Described.]<sup>2</sup>
- 1864 *Cixius nervosus stigmaticus* Marshall, Ent. Monthly Mag. 1: 154. [Described.]<sup>6</sup>
- 1864 *Cixius stigmaticus* Marshall, Ent. Monthly Mag. 1: 154. To *Cixius nervosus* Linn. [error.]
- 1868 *Cixius stigmaticus* Kirschbaum, Cicad. Wiesbaden :47. [Key.]<sup>1</sup>
- 1868 *Cixius distinguendus* Kirschbaum, Cicad. Wiesbaden :48. [n. sp.]<sup>1</sup>
- 1870 *Cixius stigmaticus* Scott, Ent. Monthly Mag. 7: 122. [Key.]
- 1871 *Cixius stigmaticus* Scott, Ent. Monthly Mag. 7: 191. [Described.]<sup>2</sup> 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.]<sup>1</sup>
- 1871 *Cixius distinguendus* [sic] Sahlberg, Not. Fenn. (n. s.) 9 (12): 382. [Described.]<sup>22</sup> Equals *Flata stigmatica* H.-S. Equals *Cixius contaminatus* Flor [nec Germ.]
- 1872 *Cixius stigmaticus* Fieber, Kat. Europäischen Cicad. :3. [Listed.]<sup>5</sup> 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.]<sup>17</sup>
- 1874 *Cixius stigmaticus* Lethierry, Cat. Hémip. Dept. du Nord 2 Ed. :256 (52). [Listed.]<sup>7</sup>
- 1874 *Cixius stigmaticus* Raddatz, Arch. Ver. Freunde Naturg. Mecklenburg 20: 85. [Listed.]<sup>1</sup>
- 1875 *Cixius stigmaticus* Puton, Cat. Hémip. d'Europe 2d. E. :113. [Listed.]<sup>5</sup> 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.]<sup>1,2,7,24</sup>

*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.]<sup>2</sup> 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.]<sup>8</sup>
- 1879 *Cixius contaminatus* Norman, Ent. Monthly Mag. 15: 255. [Listed.]<sup>6</sup>
- 1880 *Cixius stigmaticus* Reiber and Puton, Bull. Soc. Hist. Nat. Colmar 21: 53. [Listed.]<sup>7</sup>
- 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.]<sup>1,7,24</sup>
- 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.]<sup>2</sup> 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.]<sup>5</sup> Equals *Cixius musivus* Marsh. [nec Germ.] Equals *Cixius distinguendus* Kb. [in part.]
- 1886 *Cixius stigmaticus* Then, Kat. österreichischen Cicad. :10. [Listed.]<sup>5,16,27</sup>
- 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.]<sup>7</sup>
- 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.]<sup>2</sup> 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.]<sup>2</sup>
- 1892 *Cixius stigmaticus* Coubeaux, Ann. Soc. Ent. Belgique 36: 34 (1). [Listed.]<sup>12</sup>
- 1892 *Cixius stigmaticus* Lethierry, Rev. Hémip. Belgique :21. [Listed.]<sup>12</sup>
- 1892 *Cixius stigmaticus* Spitzner, Hemip. Mährens :(26). [Listed.]<sup>13</sup>
- 1892 *Cixius stigmaticus* Duda, Cat. Ins. Faunae Bohemicae :27. [Listed.]<sup>14</sup> Equals *Cixius distinguendus* Kb. [in part.]
- 1893 *Cixius stigmaticus* Bezzi, Bull. Soc. Ent. Italiana 25: 107 (27). [Listed.]<sup>19</sup>
- 1894 *Cixius stigmaticus* Edwards, Hemip.-Homop. British Islands Pt. 1: 26; Pl. 3, Fig. 10. [Described, illustrated.]<sup>15</sup> :24. [Key.]
- 1896 *Cixius stigmaticus* Melichar, Cicad. Mittel-Europa :26. [Described.]<sup>1,5,16</sup>

- 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.]<sup>15</sup>
- 1899 *Cixius stigmaticus* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]<sup>5</sup> Equals *Cixius distinguendus* Kb. [in part.] Equals *Cixius musicus* 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.]<sup>16</sup>
- 1901 *Cixius stigmaticus* Lambertie, Act. Soc. Linn. Bordeaux **56**: (86). [Listed.]<sup>7</sup>
- 1902 *Cixius stigmaticus* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) **2**: 221. [Listed.]<sup>7</sup>
- 1902 *Cixius stigmaticus* Cobelli, Cicadine Trentino :7. [Listed.]<sup>19</sup>
- 1903 *Cixius stigmaticus* Graeffe, Boll. Soc. Adriatica Sci. Nat. Trieste **21**: 58. [Listed.]<sup>16</sup>
- 1904 *Cixius stigmaticus* Hueber, Syst. Verz. deutschen Zikadinen :268. [Listed.]<sup>1</sup> Equals *Cixius distinguendus* Kb. [in part.] Equals *Cixius musicus* Marsh.
- 1906 *Cixius stigmaticus* Matsumura, Schr. Nat. Ges. Danzig **11**: 75. [Listed.]<sup>1</sup>
- 1907 *Cixius stigmaticus* Oshanin, Verz. Palaeark. Hemip. **2**: 244. [Listed.]<sup>1,2,4,7,8,10,16,18,20,21,22,23</sup> Equals *Flata stigmatica* Germ. Equals *Cixius musicus* 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.]<sup>4</sup>
- 1908 *Cixius stigmaticus* Whittaker, Hemip.-Homop. Lancashire and Cheshire :22. [Listed.]<sup>6</sup> Equals *Cixius musicus* Marsh. [nec Germ.]
- 1908 *Cixius stigmaticus* Saunders and Edwards, Cat. of British Hemip. :14. [Listed.]<sup>2</sup> Equals *Cixius musicus* Marsh. [nec Germ.]
- 1908 *Cixius stigmaticus* Oshanin, Verz. Palaeark. Hemip. **3**: 446. [Listed.]<sup>12,4</sup>
- 1910 *Cixius stigmaticus* Lambertie, Misc. Ent. **18**: 89. [Listed.]<sup>7</sup> Equals *Cixius distinguendus* Kb. [in part.] Equals *Cixius musicus* Marsh. [nec Germ.]
- 1912 *Cixius stigmaticus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]<sup>5,10</sup> Equals *Cixius contaminatus* Flor. [nec Germ.] Equals *Cixius musicus* Marsh. [nec Germ.] Equals *Cixius distinguendus* Kb. [in part.]
- 1913 *Cixius stigmaticus* Dalla Torre, Ent. Jahrb. **22**: 149. [Listed.]<sup>16</sup>
- 1915 *Cixius stigmaticus* Jacobsen, Ent. Medd. **10**: 318. [Listed.]<sup>9</sup>
- 1915 *Cixius stigmaticus* Jensen-Haarup, Kobenhavn Flora og Fauna **1915**: 87. [Described.]<sup>9</sup> :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.]<sup>22</sup>
- 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.]<sup>26</sup>  
 1930 *Cixius stigmaticus* Britten, Check List Fauna Lancashire and Cheshire 1: 74. [Listed.]<sup>6</sup>  
 1930 *Cixius stigmaticus* de Seabra, Arq. Secc. Biol. e Par. 1 (4): 350. [Notes.]<sup>26</sup>  
 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 Finland<sup>1</sup>  
 Fl. Fennica 5: 194. [n. var.]<sup>1</sup> Scandinavia<sup>2</sup>  
 1886 *Cixius stigmaticus albipennis* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]<sup>2</sup>  
 1899 *Cixius stigmaticus albipennis* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]<sup>1,2</sup>  
 1907 *Cixius stigmaticus albipennis* Oshanin, Verz. Palaeark. Hemip. 2: 245. [Listed.]<sup>1</sup>  
 1912 *Cixius stigmaticus albipennis* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]<sup>1</sup>  
 1924 *Cixius stigmaticus albipennis* Lindberg, Acta Soc. Fauna Flora Fenn. 56: 45. [Listed.]<sup>1</sup> :39. [Notes.]

**stigmatalis** Melichar

- 1911 *Cixius stigmatalis* Melichar, Bull. Mus. Hist. Nat. Paris 1911: 114. [n. sp.]<sup>1</sup> Tropical Africa<sup>1</sup>

*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.]<sup>1</sup> Brazil<sup>1</sup>  
 1835 *Cixia sulcifrons* Burmeister, Handb. Ent. 2 (1): 158. Germany<sup>2</sup>  
 [Described.]<sup>2</sup> Equals *Flata sulcifrons* Germ. North  
 1850 *Cixius sulcifrons* Schaum, Allg. Ency. Ersch und Gruber America<sup>3</sup>  
 51: 68. [Listed.]<sup>3</sup> Equals *Flata sulcifrons* Germ.  
 1851 *Cixius sulcifrons* Walker, List Homop. British Mus. 2: 342. [Listed.]<sup>1</sup>  
 Equals *Flata sulcifrons* Germ. Equals *Cixia sulcifrons* Burm.  
 1859 *Cixius sulcifrons* Dohrn, Cat. Hemip. :60. [Listed.]<sup>1</sup>  
 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 Formosa<sup>1</sup>  
 8: 401. [n. sp.]<sup>1</sup>

- 1915 *Cixius suturalis* Schumacher, Homop.-Fauna Insel Formosa :113.  
[Listed.]<sup>1</sup>

*synosbatis*. Typographical error for *Cixius cynosbatis* Fabricius. See *Cixius cunicularia* Linné.

**tappanus** Matsumura

- 1914 *Cixius tappanus* Matsumura, Annot. Zool. Japonenses Formosa<sup>1</sup>  
8: 398. [n. sp.]<sup>1</sup>
- 1915 *Cixius tappanus* Schumacher, Homop.-Fauna Insel Formosa :113.  
[Listed.]<sup>1</sup>

*testaceus* Walker. See *Oliarus testaceus* Walker.

**towardensis** Matsumura

- 1914 *Cixius towardensis* Matsumura, Annot. Zool. Japonenses Japan<sup>1</sup>  
8: 402. [n. sp.]<sup>1</sup>

*trahens* Walker. See *Ptoleria trahens* Walker.

**trifasciatus** Stephens

- 1829 *Cixius trifasciatus* Stephens, Cat. British Ins. :356. England<sup>1</sup>  
[Listed.]<sup>1</sup> [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.]<sup>1</sup> Ontario<sup>1</sup>

**unidentatus** Signoret

- 1863 *Cixius unidentatus* Signoret, Ann. Soc. Ent. France (4) Chile<sup>1</sup>  
3: 583. [n. sp.]<sup>1</sup>

**valdiviensis** Spinola

- 1852 *Cixius valdiviensis* Spinola, Gay's Hist. Chili 7: 253. Chile<sup>1</sup>  
[n. sp.]<sup>1</sup>

**vandykei** Van Duzee

- 1925 *Cixius vandykei* Van Duzee, Proc. California Acad. Sci. California<sup>1</sup>  
(4) 14: 404. [n. sp.]<sup>1</sup>

*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.]<sup>1</sup> Germany<sup>1</sup>
- 1778 *Cicada variegata* Goeze, Ent. Beitrage 2: 157. [De- France<sup>2</sup>  
scribed.] West Indies<sup>3</sup>
- 1781 *Cicada variegata* Fabricius, Species Ins. 2: 327. [De- England<sup>4</sup>  
scribed.]<sup>1</sup> Sweden<sup>5</sup>
- 1785 *Cicada variegata* de Fourcroy, Ent. Parisiensis :187.  
[Described.]<sup>2</sup>

*Cixius*

- 1787 *Cicada variegata* Fabricius, Mantissa Insectorum 2: 272. [Described.]  
 1789 *Cicada variegata* Gmelin, Linné Syst. Nat. 1 (4): 2105. [Described.]<sup>1</sup>  
 1794 *Cicada varia* Fabricius, Entomologia Syst. 4: 42. [Described.]<sup>1</sup> Nom. nov.  
 for *Cicada variegata* Fabr. [nom. praeoc.]  
 1802 *Cicada variegata* Turton, Syst. Naturae Linn. 2: 596. [n. sp.]<sup>1</sup>  
 1803 *Flata varia* Fabricius, Systema Rhyng. :55. [Described.]<sup>1</sup> Equals *Cicada  
 varia* Fabr.  
 1804 *Cixius varius* Latreille, Hist. Nat. Ins. 12: 311. [Described.]<sup>1</sup> Equals  
*Flata varia* Fabr.  
 1828 *Cixius varius* Boitard, Man. Ent. Hist. Nat. Ins. 2: 155. [Described.]<sup>1</sup>  
 Equals *Flata varia* Fabr.  
 1830 *Flata variegata* Germar, Thon Archiv 2: 50. [Described.]<sup>3</sup>  
 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.]<sup>1</sup> 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.]<sup>2</sup>  
 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.]<sup>1</sup> Caledonia<sup>1</sup>  
 (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: Formosa<sup>1</sup>  
 403. [n. sp.]<sup>1</sup>  
 1915 *Cixius velox* Schumacher, Homop.-Fauna Insel Formosa :113. [Listed.]<sup>1</sup>

**venustula** Germar

- 1830 *Flata venustula* Germar, Thon Archiv **2**: 49. [n. sp.]<sup>1</sup> France<sup>1</sup>
- 1835 *Flata venustula* Herrich-Schäffer, Nom. Ent. **1**: 105. Brazil<sup>2</sup>  
[Listed.] Italy<sup>3</sup>
- 1835 *Cixia venustula* Burmeister, Handb. Ent. **2** (1): 158. Spain<sup>4</sup>  
Equals *Flata venustula* Germ. Europe<sup>5</sup>
- 1850 *Cixius venustulus* Schaum, Allg. Ency. Ersch und Gruber **51**: 68. [Listed.]<sup>1</sup> Equals *Flata venustulus* Germ.
- 1851 *Cixius venustulus* Walker, List Homop. British Mus. **2**: 342. [Listed.]<sup>2</sup>  
Equals *Flata venustula* Germ.
- 1859 *Cixius venustulus* Dohrn, Cat. Hemip. :60. [Listed.]<sup>2</sup>
- 1872 *Cixius venustulus* Fieber, Kat. Europäischen Cicad. :3. [Listed.]<sup>1</sup>
- 1875 *Cixius venustulus* Puton, Cat. Hémip. d'Europe 2d. E. :112. [Listed.]<sup>1</sup>
- 1876 *Cixius venustulus* Fieber, Cicad. d'Europe Pt. **2**: 183 (173). [Key.]<sup>1</sup>  
Equals *Flata venustulus* Germ.
- 1882 *Cixius venustulus* Ferrari, Cicad. Agri Ligustici :80 (8). [Key.] :81 (9).  
[Listed.]<sup>3</sup> Equals *Flata venustulus* Germ.
- 1886 *Cixius venustulus* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]<sup>1,3</sup>
- 1890 *Cixius venustulus* Dominique, Ann. Soc. Acad. Loire-Inf. **1890**: 25.  
[Listed.]<sup>1</sup>
- 1892 *Cixius venustulus* Ferrari, Ann. Mus. Genova (2) **12**: 568 (20). [Listed.]<sup>3</sup>
- 1892 *Cixius venustulus* Dominique, Bull. Soc. Sci. Nat. Ouest France **2**: 115.  
[Listed.]<sup>1</sup>
- 1899 *Cixius venustulus* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]<sup>1,3</sup>
- 1901 *Cixius venustulus* Lambertie, Act. Soc. Linn. Bordeaux **56**: (85). [Listed.]<sup>1</sup>
- 1902 *Cixius venustulus* Dominique, Bull. Soc. Sci. Nat. Ouest France (2) **2**:  
221. [Listed.]<sup>1</sup>
- 1907 *Cixius venustulus* Oshanin, Verz. Palaeark. Hemip. **2**: 242. [Listed.]<sup>1,3</sup>  
Equals *Flata venustula* Germ.
- 1907 *Cixius venustulus* Melichar, Sitzber. Akad. Wiss. **116**: 1038. [Listed.]<sup>4</sup>
- 1908 *Cixius venustulus* Lambertie, Act. Soc. Linn. Bordeaux **62**: lxx (3).  
[Listed.]<sup>1</sup>
- 1908 *Cixius venustulus* Oshanin, Verz. Palaeark. Hemip. **3**: 446. [Listed.]<sup>4</sup>
- 1910 *Cixius venustulus* Lambertie, Misc. Ent. **18**: 89. [Listed.]<sup>1</sup>
- 1912 *Cixius venustulus* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]<sup>5</sup>
- 1915 *Cixius venustulus* Codina, Bol. Soc. Aragonesa Cienc. Nat. **14**: 216 (5).  
[Listed.]<sup>4</sup>
- 1920 *Cixius venustulus* Codina, Bol. Soc. Ent. España **1**: 104 (5). [Listed.]<sup>4</sup>
- 1927 *Cixius venustulus* Poisson and Poisson, Bull. Soc. Linn. Normandie (7)  
**9**: 142. [Listed.]<sup>1</sup>
- 1932 *Flata venustula* Sherborn, Index Animalium **28**: 6849. [Listed.]

**verticalis** Noulhier

- 1897 *Cixius verticalis* Noulhier, Rev. Ent. **16**: 79; Pl. 1, Spain<sup>1</sup>  
Fig. 1. [n. sp., illustrated.]<sup>1</sup> :77. [Listed.]
- 1899 *Cixius verticalis* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]<sup>1</sup>

*Cixius*—*Cixiosoma*

1907 *Cixius verticalis* Oshanin, Verz. Palaeark. Hemip. 2: 243. [Listed.]<sup>1</sup>

1912 *Cixius verticalis* Oshanin, Kat. Palaeark. Hemip. :116. [Listed.]<sup>1</sup>

*vicarius* Walker. See *Oliarus vicarius* Walker.

**vilis** Walker

1857 *Cixius vilis* Walker, Jour. Linn. Soc. Zool. 1: 148. Borneo<sup>1</sup>  
[n. sp.]<sup>1</sup>

1859 *Cixius vilis* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup>

1907 *Cixius vilis* Distant, Ann. Mag. Nat. Hist. (7) 19: 285. [Mutilated.]<sup>1</sup>

*vitreus* Rey (var.). See *Cixius sticticus* var. *vitreus* Rey.

**vitripennis** Kirschbaum

1868 *Cixius vitripennis* Kirschbaum, Cicad. Wiesbaden :48. Germany<sup>1</sup>  
[n. sp.]<sup>1</sup> Russia<sup>2</sup>

1872 *Cixius vitripennis* Fieber, Kat. Europäischen Cicad. :3. Austria<sup>3</sup>  
[Listed.]<sup>1</sup> Caucasus<sup>4</sup>

1875 *Cixius vitripennis* Puton, Cat. Hémip. d'Europe 2 Ed. France<sup>5</sup>  
:113. [Listed.]<sup>1</sup>

1884 *Cixius vitripennis* Mayr, Tabellen :17. [Listed.]<sup>1</sup>

1886 *Cixius vitripennis* Puton, Cat. Hémip. Faune Pal. :69. [Listed.]<sup>1,2,3</sup>

1896 *Cixius vitripennis* Melichar, Cicad. Mittel-Europa :27. [Described.]<sup>1</sup> :22.  
[Key.]

1899 *Cixius vitripennis* Puton, Cat. Hémip. Faune Pal. :103. [Listed.]<sup>1,2,3</sup>

1904 *Cixius vitripennis* Hueber, Syst. Verz. deutschen Zikadinen :268.  
[Listed.]<sup>1</sup>

1907 *Cixius vitripennis* Oshanin, Verz. Palaeark. Hemip. 2: 246. [Listed.]<sup>1,4</sup>

1912 *Cixius vitripennis* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]<sup>1,4</sup>

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.]<sup>5</sup>

*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 Argentine<sup>1</sup>  
**16**: 188. [n. sp.]<sup>1</sup>  
 1884 *Cixiosoma bonaerense* Berg, Add. Hemip. Argentina :133. [n. sp.]<sup>1</sup>

**platensis** Berg

- 1879 *Cixiosoma platensis* Berg, An. Soc. Cient. Argentina **8**: Argentina<sup>1</sup>  
 186. [n. sp.]<sup>1</sup>  
 1879 *Cixiosoma platensis* Berg, Hemip. Argentina :221. [n. sp.]<sup>1</sup>

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. Queensland<sup>1</sup>  
 [n. sp.]<sup>1</sup>

**koolauensis** Giffard

- 1925 *Iolania koolauensis* Giffard, Proc. Hawaiian Ent. Soc. Hawaiian  
**6**: 154 (104); Pl. VIII, Figs. 141, 142. [Illustrated, Islands<sup>1</sup>  
 n. sp.]<sup>1</sup>

**lanaiensis** Giffard

- 1925 *Iolania lanaiensis* Giffard, Proc. Hawaiian Ent. Soc. Hawaiian  
**6**: 155 (105); Pl. VIII, Fig. 136. [Illustrated, n. sp.]<sup>1</sup> Islands<sup>1</sup>

**mauiensis** Giffard

- 1925 *Iolania mauiensis* Giffard, Proc. Hawaiian Ent. Soc. **6**: Hawaiian  
 155 (105); Pl. VIII, Fig. 135. [Illustrated, n. sp.]<sup>1</sup> Islands<sup>1</sup>

*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.]<sup>1</sup> Islands<sup>1</sup>

*Iolania*—*Brixia***perkinsi** Kirkaldy

- 1902 *Iolania perkinsi* Kirkaldy, Fauna Hawaiiensis 3: 119; Hawaii<sup>1</sup>  
Pl. IV, Figs. 3a–c. [Illustrated, n. sp.]<sup>1</sup> :99. [Listed.] Hawaiian
- 1908 *Iolania perkinsi* Kirkaldy, Proc. Hawaiian Ent. Soc. 1: Islands<sup>2</sup>  
201. [Listed.]<sup>1</sup>
- 1909 *Iolania perkinsi* Kirkaldy, Proc. Hawaiian Ent. Soc. 2: 75. [Notes.]
- 1913 *Iolania perkinsi* Swezey, Proc. Hawaiian Ent. Soc. 2: 199. [Listed.]<sup>1</sup>
- 1925 *Iolania perkinsi* Giffard, Proc. Hawaiian Ent. Soc. 6: 153 (103); Pl.  
VIII, Fig. 134. [Described, illustrated.]<sup>2</sup>
- 1932 *Iolania perkinsi* Swezey and Williams, Proc. Hawaiian Ent. Soc. 8: 189.  
[Listed.]<sup>1</sup>

**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; Queensland<sup>1</sup>  
Fig. 5. [n. sp., illustrated.]<sup>1</sup>

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: India<sup>1</sup>  
271. [n. sp.]<sup>1</sup>
- 1922 *Brixia albomaculata* Muir, Rec. Indian Mus. 24: 347. [Listed.]<sup>1</sup>

**atratala** Walker

- 1870 *Brixia atratala* Walker, Jour. Linn. Soc. Zool. 10: 107. Morty<sup>1</sup>  
[n. sp.]<sup>1</sup>
- 1907 *Brixia atratala* Distant, Ann. Mag. Nat. Hist. (7) 19: 286. [Mutilated.]<sup>1</sup>

*bicolor* Walker. See *Ptoleia bicolor* Walker.

**bohemani** Stål

- 1854 *Delphax bohemani* Stål, Ofv. Svenska Vet. Akad. Forh. Mauritius<sup>1</sup>  
11: 245. [n. sp.]<sup>1</sup> (Indian
- 1858 *Delphax bohemani* Walker, List Homop. British Mus. Ocean)  
Add. :325. [Listed.]<sup>1</sup> East Africa<sup>2</sup>



*Brixia*

- 1859 *Brixia mauritii* Stål, Freg. Eugenies Resa :277. [Described.]<sup>1</sup> Nom. nov. for *Delphax bohemani* Stål.  
 1859 *Delphax bohemani* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup>  
 1866 *Brixia bohemani* Stål, Hemip. Africana 4: 174. [Described.]<sup>1</sup> Equals *Delphax bohemani* Stål. Equals *Brixia mauritii* Stål.  
 1905 *Brixia bohemannii* [sic] Melichar, Wien. Ent. Zeit. 24: 284. [Listed.]<sup>2</sup>

*bohemannii*. Typographical error for *Brixia bohemani* Stål.

**buruana** Schmidt

- 1926 *Brixia buruana* Schmidt, Treubia 7: 231. [n. sp.]<sup>1</sup> Buru<sup>1</sup>  
 (East Indies)

*concinna* Walker. See *Colvanalia concinna* Walker.

**congrua** Walker

- 1870 *Brixia congrua* Walker, Jour. Linn. Soc. Zool. 10: 110. Mysol<sup>1</sup>  
 [n. sp.]<sup>1</sup> (East Indies)  
 1907 *Brixia congrua* Distant, Ann. Mag. Nat. Hist. (7) 19:  
 286. [Mutilated.]<sup>1</sup>

*elongata* Distant. See *Andes elongata* Distant.

**fasciata** Signoret

- 1860 *Triopsis fasciata* Signoret, Ann. Soc. Ent. France (3) 8: Madagascar<sup>1</sup>  
 187; Pl. V, Fig. 3. [Illustrated, n. sp.]<sup>1</sup>  
 1866 *Brixia fasciata* Stål, Hemip. Africana 4: 174. [Described.]<sup>1</sup> Equals *Triopsis fasciata* Sign.  
 1917 *Brixia fasciata* Jacobi, Reise in Ostafrika 3: 529. [Listed.]<sup>1</sup>  
 1925 *Brixia fasciata* Muir, Pan-Pacific Ent. 1: 104. Equals *Triopsis fasciata* Sign.

**flavomaculata** Distant

- 1906 *Brixia flavomaculata* Distant, Fauna British India 3: India<sup>1</sup>  
 272. [n. sp.]<sup>1</sup>

**formosana** Matsumura

- 1914 *Brixia formosana* Matsumura, Annot. Zool. Japonenses Formosa<sup>1</sup>  
 8: 432. [n. sp.]<sup>1</sup>  
 1915 *Brixia formosana* Schumacher, Homop.-Fauna Insel Formosa :116.  
 [Listed.]<sup>1</sup>

*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- Japan<sup>1</sup>  
 nenses 8: 431. [n. sp.]<sup>1</sup>

- 1932 *Brixia harimaensis* Esaki, Iconographia Insectorum Japonicorum :1778.  
[Described, illustrated.]  
1933 *Brixia harimaensis* Kato, Illustrated Insects of Japan 4: Pl. 14, Fig. 4.  
[Illustrated.]<sup>1</sup>

**hildebrandti** Jacobi

- 1917 *Brixia hildebrandti* Jacobi, Reise in Ostafrika 3: 529. Madagascar<sup>1</sup>  
[n. sp.]<sup>1</sup>

*humeralis* Walker. See *Andes humeralis* Walker.

*inornata* Distant. See *Andes inornata* Distant.

**insignis** Distant

- 1917 *Curiatius insignis* Distant, Trans. Linn. Soc. Zool. 17: Seychelles<sup>1</sup>  
285; Pl. 49, Figs. 12, 12a. [n. sp., illustrated.]<sup>1,2</sup> Mahe<sup>2</sup>  
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. Mauritius<sup>1</sup>  
Hemip. :515. [n. sp.]<sup>1</sup> (Indian  
1850 *Phenice lunulata* Schaum, Allg. Ency. Ersch und Gruber Ocean)  
51: 70. [Listed.]<sup>1</sup> Equals *Derbe lunulata* A. and S.  
1851 *Phenice lunulata* Walker, List Homop. British Mus. 2: 399. [Listed.]<sup>1</sup>  
Equals *Derbe lunulata* A. and S.  
1859 *Phenice lunulata* Dohrn, Cat. Hemip. :62. [Listed.]<sup>1</sup>  
1866 *Brixia lunulata* Stål, Hemip. Africana 4: 174. [Described.]<sup>1</sup> 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: Seychelles<sup>1</sup>  
284; Pl. 49, Figs. 14, 14a. [n. sp., illustrated.]<sup>1,2</sup> Mahe<sup>2</sup>  
(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 Guinea<sup>1</sup>  
[n. sp.]<sup>1</sup>  
1907 *Brixia nanula* Distant, Ann. Mag. Nat. Hist. (7) 19: 285. [Mutilated.]<sup>1</sup>

*Brixia***natalicola** Stål

- 1855 *Derbe natalicola* Stål, Ofv. Svenska Vet. Akad. Forh. 12: 93. [n. sp.]<sup>1</sup> Natal<sup>1</sup>  
Caffraria<sup>2</sup>
- 1856 *Brixia natalicola* Stål, Ofv. Svenska Vet. Akad. Forh. 13: 162. [Described.]<sup>2</sup> Equals *Derbe natalicola* Stål.
- 1859 *Brixia natalicola* Dohrn, Cat. Hemip. :63. [Listed.]<sup>2</sup>
- 1866 *Brixia natalicola* Stål, Hemip. Africana 4: 174. [Described.]<sup>2</sup> Equals *Derbe natalicola* Stål.

*nexus* Walker. See *Andes nexus* Walker.

**nivea** Walker

- 1870 *Brixia nivea* Walker, Jour. Linn. Soc. Zool. 10: 112. Mysol<sup>1</sup>  
[n. sp.]<sup>1</sup> (East Indies)

*nubilus* Walker. See *Leirioessa nubilus* Walker.

**ocellata** Matsumura

- 1914 *Brixia ocellata* Matsumura, Annot. Zool. Japonenses 8: 433. [n. sp.]<sup>1</sup> Formosa<sup>1</sup>
- 1915 *Brixia ocellata* Schumacher, Homop.-Fauna Insel Formosa :116. [Listed.]<sup>1</sup>

*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.]<sup>1</sup> Rodriguez  
Island<sup>1</sup>  
(Indian  
Ocean)

*puncticosta* Walker. See *Ptoleria puncticosta* Walker.

*puncticosta* var.  $\beta$  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.]<sup>1</sup> Rodriguez  
Island<sup>1</sup>

*rufula* Walker. See *Ptoleria rufula* Walker.

**speciosa** Muir

- 1923 *Brixia speciosa* Muir, Ann. Mag. Nat. Hist. (9) 11: 554. Nyassaland<sup>1</sup>  
[n. sp.]<sup>1</sup>

**stannusi** Muir

- 1923 *Brixia stannusi* Muir, Ann. Mag. Nat. Hist. (9) 11: 555. Nyassaland<sup>1</sup>  
[n. sp.]<sup>1</sup>

**stellata** Distant

- 1917 *Brixia stellata* Distant, Trans. Linn. Soc. Zool. **17**: 284; Pl. 49, Figs. 17, 17a. [Illustrated, n. sp.]<sup>1,2,3</sup> Seychelles<sup>1</sup>  
Silhouette<sup>2</sup>
- 1925 *Brixia stellata* Singh-Pruthi, Trans. Ent. Soc. London **1925**: 222; Pl. XXIX, Fig. 245. [Genitalia, illustrated.] Mahe<sup>3</sup>  
(Indian Ocean)

*subfasciata* Stål. See *Leirioessa nubilus* Walker.

**sublucida** Walker

- 1870 *Brixia sublucida* Walker, Jour. Linn. Soc. Zool. **10**: 107. New Guinea<sup>1</sup>  
[n. sp.]<sup>1</sup>
- 1907 *Brixia sublucida* Distant, Ann. Mag. Nat. Hist. (7) **19**: 286. [Mutilated.]<sup>1</sup>

*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 Guinea<sup>1</sup>  
[n. sp.]<sup>1</sup>
- 1907 *Brixia terminalis* Distant, Ann. Mag. Nat. Hist. (7) **19**: 286. [Mutilated.]<sup>1</sup>

*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.]<sup>1</sup> Ceylon<sup>1</sup>
- 1903 *Brixia tortriciformis* Melichar, Homop.-Fauna Ceylon :34. [Described.]<sup>1</sup>  
:223. [Listed.]<sup>1</sup>
- 1906 *Brixia tortriciformis* Distant, Fauna British India **3**: 271; Fig. 124. [Described, illustrated.]<sup>1</sup>

*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.]<sup>1</sup> Island<sup>1</sup>  
(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.]<sup>1</sup> Buru<sup>1</sup>  
 (East Indies)

**lamononi** Muir

- 1921 *Leirioessa lamononi* Muir, Proc. Hawaiian Ent. Soc. **4**: 567. [n. sp.]<sup>1</sup> Samoa<sup>1</sup>  
 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, illustrated.]<sup>1</sup> Equals *Leirioessa lamononi* Muir.

*mander*. Typographical error for *Leirioessa meander* Walker.

**meander** Walker

- 1851 *Cixius meander* Walker, List Homop. British Mus. **2**: 349. [n. sp.]<sup>1</sup> India<sup>1</sup>  
 Ceylon<sup>2</sup>  
 1859 *Cixius meander* Dohrn, Cat. Hemip. :60. [Listed.]<sup>1</sup>  
 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.]<sup>1</sup> Equals *Cixius meander* Walk.  
 1906 *Brixia meander* Distant, Fauna British India **3**: 270. [Described.]<sup>1,2</sup> Equals *Cixius meander* Walk.  
 1922 *Leirioessa mander* [sic] Muir, Rec. Indian Mus. **24**: 348. [Listed.]<sup>1</sup> 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**: 279. [n. sp.]<sup>1</sup> Queensland<sup>1</sup>  
 Australia<sup>2</sup>  
 1907 *Leirioessa tortricomorpha* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 112; Pl. VIII, Figs. 19–21. [Illustrated, n. sp.]<sup>1</sup> :12. [Listed.]  
 1907 *Brixia migratoria* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. **3**: 115. [Listed.]<sup>1</sup>

- 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.]<sup>2</sup> Equals *Brixia migratoria* Dist. Equals *Leirioessa tortricomorpha* Kirk.

**nubilus** Walker

- 1858 *Cixius nubilus* Walker, List Homop. British Mus. Ceylon<sup>1</sup>  
 Suppl. :80. [n. sp.]<sup>1</sup> Java<sup>2</sup>  
 1859 *Brixia subfasciata* Stål, Berliner Ent. Zeit. **3**: 320. India<sup>3</sup>  
 [n. sp.]<sup>1</sup>  
 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.]<sup>1</sup>  
 1891 *Cixius nubilus* Kirby, Jour. Linn. Soc. Zool. **24**: 137; Pl. V, Fig. 13. [Described, illustrated.]<sup>1</sup>  
 1891 *Brixia subfasciata* Kirby, Jour. Linn. Soc. Zool. **24**: 138. [Listed.]<sup>1</sup>  
 1903 *Brixia nubila* Melichar, Homop.-Fauna Ceylon :33. [Described.]<sup>1</sup> Equals *Cixius nubilus* Walk. Equals *Brixia subfasciata* Stål. :223. [Listed.]<sup>1</sup>  
 1903 *Brixia subfasciata* Melichar, Homop.-Fauna Ceylon :223. [Listed.]<sup>1</sup>  
 1906 *Brixia nubila* Distant, Fauna British India **3**: 270. [Described.]<sup>1</sup> Equals *Brixia subfasciata* Stål. Equals *Cixius nubila* Walk.  
 1908 *Brixia nubila* Bierman, Notes Leyden Mus. Jentink **29**: 154. [Listed.]<sup>2</sup>  
 1914 *Brixia nubila* Melichar, Notes Leyden Mus. **36**: 95. [Listed.]<sup>2</sup> Equals *Cixius nubila* Walk. Equals *Brixia subfasciata* Stål.  
 1922 *Leirioessa nubila* Muir, Rec. Indian Mus. **24**: 348. [Listed.]<sup>3</sup> 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. India<sup>1</sup>  
 [n. sp.]<sup>1</sup>  
 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. Fiji<sup>1</sup>  
 Assoc. **3**: 112. [n. sp.]<sup>1</sup> :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 America<sup>1</sup>  
[n. sp.]<sup>1</sup>

1830 *Asiraca opposita* Germar, Thon Archiv 2: 57. [Described.]<sup>1</sup> Equals  
*Delphax opposita* Fabr.

1850 *Araeopus oppositus* Schaum, Allg. Ency. Ersch und Gruber 51: 69.  
[Listed.]<sup>1</sup> Equals *Delphax oppositus* Fabr.

1851 *Aroepus?* [sic] *opposita* Walker, List Homop. British Mus. 2: 360.  
[Listed.]<sup>1</sup> Equals *Delphax opposita* Fabr.

1859 *Araeophus?* [sic] *oppositus* Dohrn, Cat. Hemip. :62. [Listed.]<sup>1</sup>

1869 *Paulia opposita* Stål, Hemip. Fabriciana 2: 95. [Described.]<sup>1</sup> 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.]<sup>1</sup> Haiti<sup>1</sup>

**addendus** Fowler

- 1904 *Oecleus addendus* Fowler, Biologia Centrali-Americana Guatemala<sup>1</sup>  
 1: 91; Pl. X, Figs. 13, 13a. [n. sp., illustrated.]<sup>1</sup>

**brunneus** Fowler

- 1904 *Oecleus brunneus* Fowler, Biologia Centrali-Americana Mexico<sup>1</sup>  
 1: 91; Pl. X, Figs. 11, 11a. [n. sp., illustrated.]<sup>1</sup>

**borealis** Van Duzee

- 1900 *Oecleus decens* Smith, [nec Stål], Ins. New Jersey 2: 89. New Jersey<sup>1</sup>  
 [Listed.]<sup>1</sup> Florida<sup>2</sup>  
 1909 *Oecleus decens* Van Duzee, [nec Stål], Bull. Buffalo Soc. New York<sup>3</sup>  
 Nat. Sci. 9: 188. [Listed.]<sup>2</sup> District of  
 1910 *Oecleus decens* Smith, [nec Stål], Rept. Ins. New Jersey Columbia<sup>4</sup>  
 :96. [Listed.]<sup>1</sup> Eastern  
 1912 *Oecleus borealis* Van Duzee, Bull. Buffalo Soc. Nat. Sci. States<sup>5</sup>  
 10: 495. [n. sp.]<sup>1,2,3,4</sup> Connecticut<sup>6</sup>  
 1914 *Oecleus borealis* Barber, Bull. American Mus. Nat. Hist. Mississippi<sup>7</sup>  
 33: 527. [Listed.]<sup>2</sup> South  
 1916 *Oecleus borealis* Van Duzee, Check List Hemip. America Carolina<sup>8</sup>  
 :80. [Listed.]<sup>5</sup> Equals *Oecleus decens* Van D. [nec Stål.] Georgia<sup>9</sup>,



*Oecleus*

- 1917 *Oecleus borealis* Van Duzee, Cat. Hemip. America :736. Utah<sup>10</sup>  
[Listed.]<sup>1,2,3,4</sup> Equals *Oecleus decens* Van D. [nec Stål.]
- 1918 *Oecleus borealis* Weiss, Ent. News 29: 309. [Listed.]<sup>1</sup>
- 1920 *Oecleus borealis* Britton, Check-List Ins. Connecticut :46. [Listed.]<sup>6</sup>
- 1921 *Oecleus borealis* Osborn, Florida Ent. 5: 15. [Listed.]<sup>2</sup>
- 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.]<sup>6</sup>
- 1928 *Oecleus borealis* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 73; Fig. 18. [Described, illustrated.]<sup>1,2,3,4,7,8,9</sup>
- 1928 *Oecleus borealis* Metcalf, Mem. Cornell Uni. Agr. Exp. Sta. 101: 177. [Listed.]<sup>3</sup>
- 1929 *Oecleus borealis* Knowlton, Florida Ent. 13: 50. [Listed.]<sup>10</sup>

**campestris** Ball

- 1902 *Oecleus campestris* Ball, Canadian Ent. 34: 156. [n. sp.]<sup>1</sup> Colorado<sup>1</sup>
- 1904 *Oecleus campestris* Swezey, Prelim. Cat. Fulgoridae Rocky  
North America :29. [Listed.]<sup>1</sup> Mountains<sup>2</sup>
- 1916 *Oecleus campestris* Van Duzee, Check List Hemip. Connecticut<sup>3</sup>  
America :80. [Listed.]<sup>2</sup> Mississippi<sup>4</sup>
- 1917 *Oecleus campestris* Van Duzee, Cat. Hemip. America  
:737. [Listed.]<sup>1</sup>
- 1920 *Oecleus campestris* Britton, Check-List Ins. Connecticut :46. [Listed.]<sup>3</sup>
- 1928 *Oecleus campestris* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14:  
75. [Described.]<sup>4</sup>

**capitulatus** Van Duzee

- 1912 *Oecleus capitulatus* [sic] Van Duzee, Bull. Buffalo Soc. Arizona<sup>1</sup>  
Nat. Sci. 10: 495. [n. sp.]<sup>1</sup> Southwestern
- 1916 *Oecleus capitulatus* Van Duzee, Check List Hemip. States<sup>2</sup>  
America :80. [Listed.]<sup>2</sup>
- 1917 *Oecleus capitulatus* Van Duzee, Cat. Hemip. America :737. [Listed.]<sup>1</sup>

**concinus** Fowler

- 1904 *Oecleus concinnus* Fowler, Biologia Centrali-Americana Mexico<sup>1</sup>  
1: 91; Pl. X, Figs. 12, 12a, 12b. [Illustrated, n. sp.]<sup>1</sup>

**cucullatus** Noulhier

- 1896 *Oliarus cucullatus* Noulhier, Bull. Mus. Hist. Nat. Cambodia<sup>1</sup>  
Paris 1896: 255. [n. sp.]<sup>1</sup> West China<sup>2</sup>
- 1902 *Oecleus* [sic] *cucullatus* Melichar, Ann. Mus. St. Petersburg 7: 88 (13). [Described.]<sup>2</sup> Equals *Oliarius* [sic] *cucullatus* Noulhier. Sze-tshwan<sup>3</sup>  
(China)  
Middle
- 1904 *Oliarus cucullatus* Noulhier and Martin, Mission Pavie China<sup>4</sup>  
:180; Pl. XI, Figs. 7, 8. [Described, illustrated.]<sup>1</sup> Oriental

- 1907 *Oecleus cucullatus* Oshanin, Verz. Palaeark. Hemip. 2: 247. [Listed.]<sup>1,3</sup> Equals *Oliarius* [sic] *cucullatus* Noualh.  
 1912 *Oecleus cucullatus* Oshanin, Kat. Palaeark. Hemip. :117. [Listed.]<sup>4,5</sup>

**decens** Stål

- 1862 *Oecleus decens* Stål, Berliner Ent. Zeit. 6: 307. [n. sp.]<sup>1</sup> Mexico<sup>1</sup>  
 1864 *Oecleus decens* Stål, Stettiner Ent. Zeit. 25: 50. [Listed.]<sup>1</sup> New Jersey<sup>2</sup>  
 1892 *Oecleus decens* Townsend, Psyche 6: 353. [Oviposition District of  
 in Yucca.]<sup>9</sup> Columbia<sup>3</sup>  
 1892 *Oecleus decens* Townsend, Canadian Ent. 24: 197. California<sup>4</sup>  
 [Notes.]<sup>9</sup> North  
 1894 *Oecleus decens* Townsend, Canadian Ent. 26: 316. Carolina<sup>5</sup>  
 [Listed.]<sup>9</sup> [Food plant. *Helianthus*.] Southwestern  
 1904 *Oecleus decens* Fowler, Biologia Centrali-Americana 1: States<sup>6</sup>  
 90; Pl. X, Figs. 6, 6a, 7. [Notes, illustrated.]<sup>1</sup> Connecticut<sup>7</sup>  
 1904 *Oecleus decens* Swezey, Prelim. Cat. Fulgoridae North Lower  
 America :29. [Listed.]<sup>2,3,9</sup> California<sup>8</sup>  
 1913 *Oecleus decens* Metcalf, Ann. Ent. Soc. America 6: 349; New Mexico<sup>9</sup>  
 Pl. XXXVII, Figs. 62, 63. [Venation, illustrated.] Louisiana<sup>10</sup>  
 1914 *Oecleus decens* Van Duzee, Trans. San Diego Soc. Nat. Hist. 2: 40. [Notes.]<sup>4</sup>  
 1915 *Oecleus decens* Metcalf, Jour. Elisha Mitchell Soc. 31: 43 (11). [Listed.]<sup>5</sup>  
 1916 *Oecleus decens* Van Duzee, Check List Hemip. America :80. [Listed.]<sup>6</sup>  
 1917 *Oecleus decens* Van Duzee, Cat. Hemip. America :736. [Listed.]<sup>1,4,9</sup>  
 1920 *Oecleus decens* Britton, Check-List Ins. Connecticut :46. [Listed.]<sup>7</sup>  
 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.]<sup>8</sup>  
 1928 *Oecleus decens* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14: 74. [Described.]<sup>1,4,9,10</sup>

*decens* Van Duzee [nec Stål]. See *Oecleus borealis* Van Duzee.

**excavatus** Ball

- 1902 *Oecleus excavatus* Ball, Canadian Ent. 34: 155. [n. sp.]<sup>1</sup> Colorado<sup>1</sup>  
 1904 *Oecleus excavatus* Swezey, Prelim. Cat. Fulgoridae Rocky  
 North America :29. [Listed.]<sup>1</sup> Mountains<sup>2</sup>  
 1916 *Oecleus excavatus* Van Duzee, Check List Hemip. America :80. [Listed.]<sup>2</sup>  
 1917 *Oecleus excavatus* Van Duzee, Cat. Hemip. America :737. [Listed.]<sup>1</sup>

**fulvidorsum** Ball

- 1902 *Oecleus fulvidorsum* Ball, Canadian Ent. 34: 157. Colorado<sup>1</sup>  
 [n. sp.]<sup>1,2</sup> Arizona<sup>2</sup>  
 1904 *Oecleus fulvidorsum* Swezey, Prelim. Cat. Fulgoridae Southwestern  
 North America :29. [Listed.]<sup>1,2</sup> States<sup>3</sup>

*Oecleus*

- 1916 *Oecleus fulvidorsum* Van Duzee, Check List Hemip. America :80. [Listed.]<sup>3</sup>  
 1917 *Oecleus fulvidorsum* Van Duzee, Cat. Hemip. America :737. [Listed.]<sup>1,2</sup>  
 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.]<sup>1</sup> Arizona<sup>1</sup>  
 1904 *Oecleus lineatus* Swezey, Prelim. Cat. Fulgoridae North America :29. [Listed.]<sup>1</sup> Southwestern States<sup>2</sup>  
 1916 *Oecleus lineatus* Van Duzee, Check List Hemip. America :80. [Listed.]<sup>2</sup>  
 1917 *Oecleus lineatus* Van Duzee, Cat. Hemip. America :737. [Listed.]<sup>1</sup>  
 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.]<sup>1</sup> Mexico<sup>1</sup>

**monilipennis** Van Duzee

- 1923 *Oecleus monilipennis* Van Duzee, Proc. California Acad. Sci. (4) **12**: 190. [n. sp.]<sup>1</sup> Lower California<sup>1</sup>

*nervosus* Van Duzee. Error for *Oecleus venosus* Van Duzee.

**obtusus** Ball

- 1902 *Oecleus obtusus* Ball, Canadian Ent. **34**: 155. [n. sp.]<sup>1,2,3,4</sup> Nebraska<sup>1</sup>  
 1904 *Oecleus obtusus* Swezey, Prelim. Cat. Fulgoridae North America :29. [Listed.]<sup>1,2,3,4,5</sup> Kansas<sup>2</sup>  
 Colorado<sup>3</sup>  
 1916 *Oecleus obtusus* Van Duzee, Check List Hemip. America :80. [Listed.]<sup>6</sup> Utah<sup>4</sup>  
 Arizona<sup>5</sup>  
 1917 *Oecleus obtusus* Van Duzee, Cat. Hemip. America :737. [Listed.]<sup>2,3,4,5</sup> Southwestern States<sup>6</sup>  
 1923 *Oecleus obtusus* Metcalf, Jour. Elisha Mitchell Soc. **38**: 163; Figs. 301, 591. [Key, illustrated.]  
 1929 *Oecleus obtusus* Knowlton, Florida Ent. **13**: 50. [Listed.]<sup>4</sup>

**pellucens** Fowler

- 1904 *Oecleus pellucens* Fowler, Biologia Centrali-Americana **1**: 90; Pl. X, Figs. 8, 8a, 9. [Illustrated, n. sp.]<sup>1</sup> Mexico<sup>1</sup>  
 Arizona<sup>2</sup>  
 1912 *Oecleus pellucens* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **10**: 497. [Described.]<sup>2</sup> Southwestern States<sup>3</sup>  
 1916 *Oecleus pellucens* Van Duzee, Check List Hemip. America :80. [Listed.]<sup>3</sup>  
 1917 *Oecleus pellucens* Van Duzee, Cat. Hemip. America :737. [Listed.]<sup>2,1</sup>

**perpictus** Van Duzee

- 1929 *Oecleus perpictus* Van Duzee, Pan-Pacific Ent. **5**: 173. California<sup>1</sup>  
[n. sp.]<sup>1</sup>

*pictifrons* Stål. See *Myndus pictifrons* Stål.

**productus** Metcalf

- 1923 *Oecleus productus* Metcalf, Jour. Elisha Mitchell Soc. Illinois<sup>1</sup>  
**38**: 184; Figs. 298, 588. [Illustrated, n. sp.]<sup>1,2</sup> :163. Arizona<sup>2</sup>  
[Key.]  
1927 *Oecleus productus* Frison, Bull. Illinois Nat. Hist. Surv. **16**: 153. [Listed.]<sup>1</sup>

**quadrilineatus** Van Duzee

- 1912 *Oecleus quadrilineatus* Van Duzee, Bull. Buffalo Soc. Arizona<sup>1</sup>  
Nat. Sci. **10**: 496. [n. sp.]<sup>1</sup> Southwestern  
1916 *Oecleus quadrilineatus* Van Duzee, Check List Hemip. States<sup>2</sup>  
America :80. [Listed.]<sup>2</sup>  
1917 *Oecleus quadrilineatus* Van Duzee, Cat. Hemip. America :737. [Listed.]<sup>1</sup>

**seminiger** Stål

- 1862 *Oecleus seminiger* Stål, Berliner Ent. Zeit. **6**: 307. Mexico<sup>1</sup>  
[n. sp.]<sup>1</sup>  
1864 *Oecleus seminiger* Stål, Stettiner Ent. Zeit. **25**: 50. [Listed.]<sup>1</sup>  
1904 *Oecleus seminiger* Fowler, Biologia Centrali-Americana **1**: 89; Pl. X,  
Figs. 3, 3a. [Notes, illustrated.]<sup>1</sup>

**snowi** Ball

- 1904 *Oecleus snowi* Snow, Bull. Kansas Univ. Sci. **2**: 349. Arizona<sup>1</sup>  
[Listed.] [nom. nud.]<sup>1</sup> Southwestern  
1905 *Oecleus snowi* Ball, Proc. Biol. Soc. Washington **18**: 117. States<sup>2</sup>  
[n. sp.]<sup>1</sup>  
1916 *Oecleus snowi* Van Duzee, Check List Hemip. America :80. [Listed.]<sup>2</sup>  
1917 *Oecleus snowi* Van Duzee, Cat. Hemip. America :737. [Listed.]<sup>1</sup>

**subreflexus** Van Duzee

- 1925 *Oecleus subreflexus* Van Duzee, Proc. California Acad. California<sup>1</sup>  
Sci. (4) **14**: 406. [n. sp.]<sup>1</sup>

**teapae** Fowler

- 1904 *Oecleus teapae* Fowler, Biologia Centrali-Americana **1**: Mexico<sup>1</sup>  
89; Pl. X, Figs. 5, 5a. [Illustrated, n. sp.]<sup>1</sup>

**tenellus** Fowler

- 1904 *Oecleus tenellus* Fowler, Biologia Centrali-America **1**: Mexico<sup>1</sup>  
89; Pl. X, Figs. 4, 4a. [Illustrated, n. sp.]<sup>1</sup>

**venosus** Van Duzee

- 1912 *Oecleus venosus* Van Duzee, Bull. Buffalo Soc. Nat. Sci. California<sup>1</sup>  
**10**: 496. [n. sp.]<sup>1</sup> Pacific States<sup>2</sup>

*Oecleus*—*Rhamphixius*—*Antillixius*—*Microledrida*

1914 *Oecleus venosus* Van Duzee, Trans. San Diego Soc. Nat.  
Hist. 2: 40. [Notes.]<sup>1</sup>

1916 *Oecleus venosus* Van Duzee, Check List Hemip. America :80. [Listed.]<sup>2</sup>

1917 *Oecleus venosus* Van Duzee, Proc. California Acad. Sci. 7: 309. [Listed.]<sup>1</sup>

1917 *Oecleus nervosus* [sic] Van Duzee, Cat. Hemip. America :737. [Listed.]<sup>1</sup>

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- Guatemala<sup>1</sup>  
Americana 1: 81; Pl. IX, Figs. 10, 10a, 10b. [Illustrated, Panama<sup>2</sup>  
n. sp.]<sup>1,2</sup>

1917 *Rhamphixius championi* Heidemann and Osborn, Ann. Carnegie Mus.  
11: 347. [Comparative note.]<sup>1</sup>

**pallidus** Heidemann and Osborn

1917 *Rhamphixius pallidus* Heidemann and Osborn, Ann. Isle of Pines<sup>1</sup>  
Carnegie Mus. 11: 347. [n. sp.]<sup>1</sup> (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; Cuba<sup>1</sup>  
Fig. 6. [n. sp., illustrated.]<sup>1</sup>

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.]
- Microlerida* [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.]
- Microlerida* [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.]<sup>1</sup>
- 1923 *Microledrida asperata* Metcalf, *Jour. Elisha Mitchell Soc.* 38: 161; Fig. 577. [Key, illustrated.]

**flava** Metcalf

- 1923 *Microledrida flava* Metcalf, *Jour. Elisha Mitchell Soc.* Texas<sup>1</sup>  
38: 183; Figs. 76, 280, 281, 576. [Illustrated, n. sp.]<sup>1</sup>  
:161. [Key.]
- 1927 *Microledrida flava* Frison, *Bull. Illinois Nat. Hist. Surv.* 16: 153. [Listed.]<sup>1</sup>

**fuscata** Van Duzee

- 1914 *Microledrida fuscata* Van Duzee, *Trans. San Diego Soc. California*<sup>1</sup>  
*Nat. Hist.* 2: 38. [n. sp.]<sup>1</sup> Pacific States<sup>2</sup>
- 1916 *Microledrida fuscata* Van Duzee, *Check List Hemip. America* :80. [Listed.]<sup>2</sup>
- 1917 *Microledrida fuscata* Van Duzee, *Cat. Hemip. America* :736. [Listed.]<sup>1</sup>

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.]<sup>1</sup> Lower California<sup>1</sup>

**vanduzeei** Muir

- 1930 *Nymphocixia vanduzeei* Muir, *Pan-Pacific Ent.* 7: 13. Columbia<sup>1</sup>  
[n. sp.]<sup>1</sup>

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.]<sup>1</sup> Mexico<sup>1</sup>

**excelsior** Fowler

1904 *Pachyntheisa excelsior* Fowler, Biologia Centrali-Americana 1: 100; Pl. XI, Figs. 4, 4a. [n. sp., illustrated.]<sup>1</sup> Mexico<sup>1</sup>

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.]<sup>1</sup> South Africa Damaraland<sup>2</sup>

1866 *Duilius tenuis* Stål, Hemip. Africana 4: 172. [Described.]<sup>1</sup>

1913 *Duilius tenuis* Schumacher, Rhynchoten-Fauna Sudafrikas :88. [Listed.]<sup>2</sup>

1925 *Duilius tenuis* Hesse, Ann. South African Mus. 23: 153. [Listed.]<sup>2</sup>

*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.]<sup>1</sup> California<sup>1</sup>  
Pacific

1916 *Platycixius calvus* Van Duzee, Check List Hemip. America :79. [Listed.]<sup>2</sup> States<sup>2</sup>

1917 *Platycixius calvus* Van Duzee, Cat. Hemip. America :734. [Listed.]<sup>1</sup>

#### 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.]<sup>1</sup> Mexico<sup>1</sup>

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: Simla<sup>1</sup>  
740. [n. sp.]<sup>1</sup> (India)1916 *Adolenda typica* Distant, Fauna British India 6: 36;  
Fig. 21. [Described, illustrated.]<sup>1</sup>Genus **AULOCORYPHA** BergHaplotype *Aulocorypha punctulata* [n. sp.] 1879 Berg, An. Soc. Cient. Argentina 8: 186.Haplotype *Aulocorypha punctulata* [n. sp.] 1879 Berg, Hemip. Argentina :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 Argentina<sup>1</sup>  
8: 187. [n. sp.]<sup>1</sup>1879 *Aulocorypha punctulata* Berg, Hemip. Argentina :222. [n. sp.]<sup>1</sup>Genus **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. Mysol<sup>1</sup>  
[n. sp.]<sup>1</sup> (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) Chile<sup>1</sup>  
3: 584; Pl. 11, Fig. 8. [Illustrated, n. sp.]<sup>1</sup>

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 Chile<sup>1</sup>  
(6) 5: 70. [n. sp.]<sup>1</sup>

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 Zealand<sup>1</sup>  
325; Pl. 24, Fig. 3. [Illustrated, n. sp.]<sup>1</sup>

## 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.]<sup>1</sup> Mexico<sup>1</sup>

**bicornis** Fabricius

- 1803 *Issus bicornis* Fabricius, *Systema Rhyng.* :101. [n. sp.]<sup>1</sup> South America<sup>1</sup>
- 1830 *Issus bicornis* Germar, *Thon Archiv* 2: 51. [Described.]<sup>1</sup> Texas<sup>2</sup>
- 1850 *Issus bicornis* Schaum, *Allg. Ency. Ersch und Gruber* 51: 73. [Listed.] [Doubtful Fulgorid.] Florida<sup>3</sup>
- 1851 *Issus bicornis* Walker, *List Homop. British Mus.* 2: 372. [Listed.]<sup>1</sup> North Carolina<sup>4</sup>
- 1859 *Issus? bicornis* Dohrn, *Cat. Hemip.* :64. [Listed.]<sup>1</sup> Maryland<sup>5</sup>
- 1869 *Bothriocera bicornis* Stål, *Hemip. Fabriciana* 2: 93. [Described.]<sup>1</sup> Equals *Issus bicornis* Fabr. New Jersey<sup>6</sup>
- 1895 *Bothriocera bicornis* Uhler, *Proc. Zool. Soc. London* 1895: 60. [Listed.]<sup>2,3,4,5,6,7,13</sup> St. Vincent I.<sup>7</sup> (West Indies)
- 1900 *Bothriocera bicornis* Smith, *Ins. New Jersey* 2: 88. [Listed.]<sup>6</sup> Central America<sup>8</sup>
- 1904 *Bothriocera bicornis* Swezey, *Prelim. Cat. Fulgoridae North America* :22. [Listed.]<sup>2,3,4,5,6,8</sup> Equals *Issus bicornis* Fabr. Southern States<sup>9</sup>
- Cuba<sup>10</sup>
- Mississippi<sup>11</sup>

*Bothriocera*

- 1910 *Bothriocera bicornis* Smith, Rept. Ins. New Jersey :95. Puerto Rico<sup>12</sup>  
[Listed.]<sup>6</sup> Brazil<sup>13</sup>
- 1915 *Bothriocera bicornis* Metcalf, Jour. Elisha Mitchell Soc.  
31: 43 (11). [Listed.]<sup>4</sup>
- 1916 *Bothriocera bicornis?* Van Duzee, Check List Hemip. America :79.  
[Listed.]<sup>9</sup>
- 1917 *Bothriocera* (?) *bicornis* Van Duzee, Cat. Hemip. America :731. [Listed.]<sup>1</sup>.  
<sup>2,3,4,5,6</sup> 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.]<sup>10</sup>
- 1928 *Bothriocera bicornis* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. 14:  
56; Fig. 15. [Described, illustrated, ecology.]<sup>2,3,4,5,6,11</sup>
- 1932 *Bothriocera bicornis* Leonard, Jour. Dept. Agr. Puerto Rico 16: 126.  
[Listed.]<sup>2</sup>

*drakei* Metcalf

- 1923 *Bothriocera drakei* Metcalf, Jour. Elisha Mitchell Soc. Florida<sup>1</sup>  
38: 179; Figs. 81, 585. [n. sp., illustrated.]<sup>1</sup>:162. [Key.]

*excelsa* Fowler

- 1904 *Bothriocera excelsa* Fowler, Biologia Centrali-Americana Mexico<sup>1</sup>  
1: 83; Pl. IX, Figs. 15, 15a. [Illustrated, n. sp.]<sup>1</sup>

*nigra* Fowler

- 1904 *Bothriocera nigra* Fowler, Biologia Centrali-Americana Mexico<sup>1</sup>  
1: 84; Pl. IX, Figs. 19, 19a. [Illustrated, n. sp.]<sup>1</sup>

*parvula* Fabricius

- 1798 *Cicada parvula* [sic] Fabricius, Suppl. Entomologia French  
Syst. :521. [n. sp.]<sup>1</sup> Guiana<sup>1</sup>
- 1803 *Cicada parvula* [sic] Fabricius, Systema Rhyng. :79.  
[Described.]<sup>1</sup>
- 1869 *Bothriocera parvula* Stål, Hemip. Fabriciana 2: 93. [Described.]<sup>1</sup> Equals  
*Cicada parvula* Fabr.
- 1902 *Cicada parvula* Sherborn, Index Animalium 1758-1800: 720. [Listed.]

*pellucida* Fowler

- 1904 *Bothriocera pellucida* Fowler, Biologia Centrali-Ameri- Mexico<sup>1</sup>  
cana 1: 83; Pl. IX, Figs. 16, 16a. [n. sp., illustrated.]<sup>1</sup>

*pro-signoretti*. See *Bothriocera signoreti* Stål.

*signoreti* Stål

- 1864 *Bothriocera signoreti* Stål, Stettiner Ent. Zeit. 25: 50. Mexico<sup>1</sup>  
[n. sp.]<sup>1</sup> North

- 1884 *Bothriocera signoretii* [sic] Uhler, Standard Nat. Hist. 2: 240. [Notes.]<sup>1,2,5,6,7</sup> America<sup>2</sup>  
Cuba<sup>3</sup>
- 1895 *Bothriocera signoreti* Uhler, Proc. Zool. Soc. London 1895: 60. [Notes.]<sup>4</sup> St. Vincent I.<sup>4</sup>  
(West Indies)
- 1904 *Bothriocera signoreti* Fowler, Biologia Centrali-Americana 1: 82; Pl. IX, Figs. 13, 13a. [Notes, illustrated.]<sup>1</sup> Maryland<sup>5</sup>  
Georgia<sup>6</sup>
- 1904 *Bothriocera signoretii* [sic] Swezey, Prelim. Cat. Fulgoridae North America :22. [Listed.]<sup>5,6,7</sup> Texas<sup>7</sup>  
Southern States<sup>8</sup>
- 1913 *Bothriocera pro-signoretti* [sic] Metcalf, Ann. Ent. Soc. America 6: 349; Pl. XXXVII, Figs. 60, 61. [Illustrated, venation.] Florida<sup>9</sup>
- 1916 *Bothriocera signoreti* Van Duzee, Check List Hemip. America :79. [Listed.]<sup>8</sup>
- 1917 *Bothriocera signoreti* Van Duzee, Cat. Hemip. America :731. [Listed.]<sup>1,5,6,7,9</sup>
- 1921 *Bothriocera signorite* [sic] Osborn, Florida Ent. 5: 15. [Listed.]<sup>9</sup>
- 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.]<sup>3</sup>
- 1929 *Bothriocera signoreti* Myers, Psyche 36: 289; Figs. 8, 9. [Biology, illustrated.]<sup>3</sup>

*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. Brazil<sup>1</sup>  
[n. sp.]<sup>1</sup> Columbia<sup>2</sup>
- 1840 *Bothriocera tinealis* Blanchard, Hist. Nat. Ins. Hémip. 3: 174. [Described.]<sup>1</sup> West Indies<sup>3</sup>  
Florida<sup>4</sup>
- 1849 *Bothriocera tinealis* Blanchard, Dict. Univ. d'Hist. Nat. 2: 669. [Listed.]<sup>1</sup> North Carolina<sup>5</sup>
- 1850 *Bothriocera tinealis* Blanchard, Hist. Nat. Ins. 3 (1): 174. [Described.]<sup>1</sup> Southern States<sup>6</sup>
- 1850 *Bothriocera tinealis* Schaum, Allg. Ency. Ersch und Gruber 51: 69. [Listed.]<sup>1,2</sup> Lower California<sup>7</sup>
- 1851 *Bothriocera tinealis* Walker, List Homop. British Mus. 2: 337. [Listed.] Jamaica<sup>8</sup>  
Mexico<sup>9</sup>
- 1859 *Bothriocera tinealis* Dohrn, Cat. Hemip. :59. [Listed.]<sup>1</sup>
- 1904 *Bothriocera tinealis* Fowler, Biologia Centrali-Americana 1: 82; Pl. IX, Figs. 11, 11a. [Notes, illustrated.]<sup>1,9</sup>
- 1908 *Bothriocera tinealis* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia 1907: 484. [Notes.]<sup>3,4</sup> 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.]<sup>4</sup>
- 1915 *Bothriocera tencalis* [sic] Metcalf, Jour. Elisha Mitchell Soc. **31**: 43 (11). [Listed.]<sup>5</sup>
- 1916 *Bothriocera tinealis* Van Duzee, Check List Hemip. America :79. [Listed.]<sup>6</sup>
- 1917 *Bothriocera tinealis* Van Duzee, Cat. Hemip. America :730. [Listed.]<sup>3,4,5</sup>
- 1921 *Bothriocera tinealis* Osborn, Florida Ent. **5**: 15. [Listed.]<sup>4</sup>
- 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.]<sup>7</sup>
- 1926 *Bothriocera tinealis* Gowdey, Bull. Dept. Agr. Jamaica Ent. **4**: 40. [Listed.]<sup>8</sup>
- 1928 *Bothriocera tinealis* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 56. [Described.]<sup>4,5</sup> :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.]<sup>1</sup> Florida<sup>1</sup>

*tinealis* var. *westwoodi* Stål

- 1856 *Adana westwoodi* Stål, Ofv. Svenska Vet. Akad. Forh. **13**: 163. [n. sp.]<sup>1</sup> Mexico<sup>1</sup>  
Florida<sup>2</sup>
- 1859 *Adana westwoodi* Dohrn, Cat. Hemip. :63. [Listed.]<sup>1</sup> North
- 1864 *Bothriocera westwoodi* Stål, Stettiner Ent. Zeit. **25**: 50. America<sup>3</sup>  
[Listed.]<sup>1</sup> Equals *Adana westwoodi* Stål. Jamaica<sup>4</sup>
- 1904 *Bothriocera tinealis westwoodi* Fowler, Biologia Centrali-Americana **1**: 82; Pl. IX, Fig. 12. [Note, illustrated.]<sup>1</sup> Equals *Adana westwoodi* Stål. Equals *Bothriocera westwoodi* Stål.
- 1907 *Bothriocera signoreti* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **8**: 33. [Notes.]<sup>2,4</sup>
- 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.]<sup>3</sup> 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.]<sup>1</sup> West Indies<sup>1</sup>  
 1830 *Issus undatus* Germar, Thon Archiv :51. [Described.]<sup>1</sup> Southern  
 1850 *Bothriocera undata* Schaum, Allg. Ency. Ersch und States<sup>2</sup>  
 Gruber **51**: 69. [Listed.]<sup>1</sup> Equals *Issus undata* Fabr. Cuba<sup>3</sup>  
 1851 *Issus undatus* Walker, List Homop. British Mus. **2**: 372. St. Vincent I.<sup>4</sup>  
 [Listed.]<sup>1</sup> (West Indies)  
 1859 *Issus? undatus* Dohrn, Cat. Hemip. :64. [Listed.]<sup>3</sup> Florida<sup>5</sup>  
 1869 *Bothriocera undata* Stål, Hemip. Fabriciana **2**: 93. [De- Jamaica<sup>6</sup>  
 scribed.]<sup>1</sup> Equals *Issus undatus* Fabr.  
 1895 *Bothriocera undata* Uhler, Proc. Zool. Soc. London **1895**: 60. [Notes.]<sup>4</sup>  
 1904 *Bothriocera undata* Swezey, Prelim. Cat. Fulgoridae North America :22.  
 [Listed.]<sup>1,5</sup> Equals *Issus undatus* Fabr.  
 1907 *Bothriocera undata* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **8**: 33. [Listed.]<sup>6</sup>  
 1908 *Bothriocera undata* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia **1907**:  
 485. [Listed.]<sup>1,5</sup>  
 1909 *Bothriocera undata* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **9**: 187.  
 [Notes.]<sup>5</sup>  
 1914 *Bothriocera undata* Barber, Bull. American Mus. Nat. Hist. **33**: 527.  
 [Listed.]<sup>5</sup>  
 1916 *Bothriocera undata* Van Duzee, Check List Hemip. America :79. [Listed.]<sup>2</sup>  
 1917 *Bothriocera undata* Van Duzee, Cat. Hemip. America :731. [Listed.]<sup>1,5</sup>  
 Equals *Issus undata* Fabr.  
 1921 *Bothriocera undata* Osborn, Florida Ent. **5**: 15. [Listed.]<sup>5</sup>  
 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.]<sup>3</sup>  
 1926 *Bothriocera undata* Gowdey, Bull. Dept. Agr. Jamaica Ent. **4**: 40.  
 [Listed.]<sup>6</sup> Equals *Issus undatus* Fabr.  
 1931 *Issus undatus* Sherborn, Index Animalium **27**: 6727. [Listed.]

**venosa** Fowler

- 1904 *Bothriocera venosa* Fowler, Biologia Centrali-Americana Guatemala<sup>1</sup>  
**1**: 83; Pl. IX, Figs. 14, 14a. [n. sp., illustrated.]<sup>1</sup> Puerto Rico<sup>2</sup>  
 1921 *Bothriocerus venosa* Wolcott, Jour. Dept. Agr. Porto Rico<sup>3</sup>  
 Rico **5**: 19. [Economics.]<sup>2</sup> Haiti<sup>4</sup>  
 1923 *Bothriocera venosa* Wolcott, Jour. Dept. Agr. Porto Rico  
**7**: 270. [Notes.]<sup>2</sup>  
 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.]<sup>3</sup>  
 1929 *Bothriocera venosa* Osborn, Jour. Dept. Agr. Porto Rico **13**: 106. [Ecol-  
 ogy.]<sup>2</sup>  
 1931 *Bothriocera venosa* Dozier, American Mus. Nov. **510**: 14. [Listed.]<sup>2,4</sup>  
 1933 *Bothriocera venosa* Leonard, Jour. Dept. Agr. Puerto Rico **17**: 100.  
 [Economics.]<sup>2</sup>

*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**: Borneo<sup>1</sup>  
 263. [n. sp.]<sup>1</sup>

**diversa** Distant

- 1906 *Barma diversa* Distant, Fauna British India **3**: 266; Fig. Tenasserim<sup>1</sup>  
 121. [n. sp., illustrated.]<sup>1</sup> Sumatra<sup>2</sup>

- 1916 *Borysthenes diversa* Distant, Fauna British India 6: 43.  
 Equals *Barma diversa* Dist.  
 1923 *Borysthenes diversa* Muir, Philippine Jour. Sci. 22: 172. [Notes.]<sup>2</sup>  
 1925 *Borysthenes diversa* Muir, Pan-Pacific Ent. 1: 99. Equals *Barma diversa*  
 Dist.

**fasciatus** Muir

- 1922 *Borysthenes fasciatus* Muir, Rec. Indian Mus. 24: 348; India<sup>1</sup>  
 Fig. 1. [Illustrated, n. sp.]<sup>1</sup>

**finitus** Walker

- 1857 *Cixius finitus* Walker, Jour. Linn. Soc. Zool. 1: 149. Borneo<sup>1</sup>  
 [n. sp.]<sup>1</sup>  
 1858 *Cixius finitus* Walker, List Homop. British Mus. Suppl. :81. [Listed.]<sup>1</sup>  
 1859 *Cixius finitus* Dohrn, Cat. Hemip. :61. [Listed.]<sup>1</sup>  
 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. Java<sup>1</sup>  
 36: 101; Fig. 3. [Illustrated, n. sp.]<sup>1</sup>  
 1925 *Borysthenes fusconotata* Muir, Pan-Pacific Ent. 1: 104. Equals *Vademela*  
*fusconotata* Mel.

**incertus** Muir

- 1913 *Borysthenes incertus* Muir, Proc. Hawaiian Ent. Soc. Borneo<sup>1</sup>  
 2: 264. [n. sp.]<sup>1</sup>

**maculata** Matsumura

- 1914 *Barma maculata* Matsumura, Annot. Zool. Japonenses Formosa<sup>1</sup>  
 8: 430. [n. sp.]<sup>1</sup>  
 1915 *Barma maculata* Schumacher, Homop.-Fauna Insel Formosa :115.  
 [Listed.]<sup>1</sup>

**magnus** Muir

- 1913 *Borysthenes magnus* Muir, Proc. Hawaiian Ent. Soc. 2: Borneo<sup>1</sup>  
 264. [n. sp.]<sup>1</sup>

**mlanjensis** Muir

- 1923 *Borysthenes mlanjensis* Muir, Ann. Mag. Nat. Hist. (9) Nyassaland<sup>1</sup>  
 11: 559. [n. sp.]<sup>1</sup>

**simulans** Muir

- 1913 *Borysthenes simulans* Muir, Proc. Hawaiian Ent. Soc. Borneo<sup>1</sup>  
 2: 264. [n. sp.]<sup>1,2</sup>  
 Malay  
 Peninsula<sup>2</sup>

*Borysthene*—*Euryphlepsia***strigipennis** Distant

- 1911 *Borysthene strigipennis* Distant, Ann. Mag. Nat. Hist. Himalaya<sup>1</sup>  
(8) 8: 744. [n. sp.]<sup>1</sup> Sikkim<sup>2</sup>
- 1916 *Borysthene strigipennis* Distant, Fauna British India (India)  
6: 43. [Described.]<sup>2</sup>

**suknanicus** Distant

- 1911 *Borysthene suknanicus* Distant, Ann. Mag. Nat. Hist. Himalaya<sup>1</sup>  
(8) 8: 744. [n. sp.]<sup>1</sup> Sikkim<sup>2</sup>
- 1916 *Borysthene suknanicus* Distant, Fauna British India 6:  
44; Fig. 29. [Described, illustrated.]<sup>2</sup>
- 1919 *Borysthene 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. Borneo<sup>1</sup>  
20: 115; Pl. 1, Fig. 8; Pl. 2, Figs. 1–2. [Illustrated, Amboina<sup>2</sup>  
n. sp.]<sup>1,2,3,4,5</sup> Ceram<sup>3</sup>  
(East Indies)  
Luzon<sup>4</sup>  
Palawan<sup>5</sup>  
(Philippine I.)

**cocos** Muir

- 1924 *Euryphlepsia cocos* Muir, Bull. Ent. Res. 14: 456; Fig. 1. Gnadalcantar<sup>1</sup>  
[Illustrated, n. sp.]<sup>1</sup> (Solomon  
Island)

**flava** Muir

- 1922 *Euryphlepsia flava* Muir, Philippine Jour. Sci. 20: 117; Basilan<sup>1</sup>  
Pl. 2, Fig. 6. [Illustrated, n. sp.]<sup>1</sup> (East Indies)

**lineata** Muir

- 1922 *Euryphlepsia lineata* Muir, Philippine Jour. Sci. 20: 116; Borneo<sup>1</sup>  
Pl. 2, Fig. 5. [Illustrated, n. sp.]<sup>1</sup>

**pallidifrons** Muir

- 1922 *Euryphlepsia pallidifrons* Muir, Philippine Jour. Sci. Borneo<sup>1</sup>  
20: 116; Pl. 2, Fig. 4. [Illustrated, n. sp.]<sup>1</sup>

**papuaensis** Muir

1922 *Euryphlepsia papuaensis* Muir, Philippine Jour. Sci. Papua<sup>1</sup>  
20: 116; Pl. 2, Fig. 3. [Illustrated, n. sp.]<sup>1</sup>

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: Luzon<sup>1</sup>  
118; Pl. 2, Fig. 10. [Illustrated, n. sp.]<sup>1</sup> (Philippine I.)

**fasciatis** Muir

1922 *Stenophlepsia fasciatis* Muir, Philippine Jour. Sci. 20: Mindanao<sup>1</sup>  
118; Pl. 2, Fig. 9. [Illustrated, n. sp.]<sup>1,2</sup> Basilan<sup>2</sup>  
(Philippine I.)

**flava** Muir

1922 *Stenophlepsia flava* Muir, Philippine Jour. Sci. 20: 117; Luzon<sup>1</sup>  
Pl. 2, Figs. 7, 8. [Illustrated, n. sp.]<sup>1</sup>

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- Australia<sup>1</sup>  
tralia :40; Figs. 27a, b. [Illustrated, n. sp.]<sup>1</sup>

**costalis** Jacobi

1928 *Gonyphlepsia costalis* Jacobi, Mjoberg's Exp. Australia Australia<sup>1</sup>  
:39. [n. sp.]<sup>1</sup>

**costalis** var. **fusca** nom. nov. for *Gonyphlepsia costalis* var. Jacobi.

1928 *Gonyphlepsia costalis* var. Jacobi, Mjoberg's Exp. Aus- Australia<sup>1</sup>  
tralia :39. [n. var.]<sup>1</sup>

**montistympani** Jacobi

1928 *Gonyphlepsia montistympani* Jacobi, Mjoberg's Exp. Australia<sup>1</sup>  
Australia :39; Fig. 26. [Illustrated, n. sp.]<sup>1</sup>

*Gonyphlepsia—Chlorodus*

**venosa** Jacobi

1928 *Gonyphlepsia venosa* Jacobi, Mjoberg's Exp. Australia Australia<sup>1</sup>  
:40; Fig. 28. [Illustrated, n. sp.]<sup>1</sup>

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. California<sup>1</sup>  
Ent. **10**: 8. [Listed.]<sup>1</sup> [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**

*Aroephus*. 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 *Oliarius pallens* Germar.

*pallida* Herrich-Schäffer. See *Oliarius 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-Ménéville. 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.

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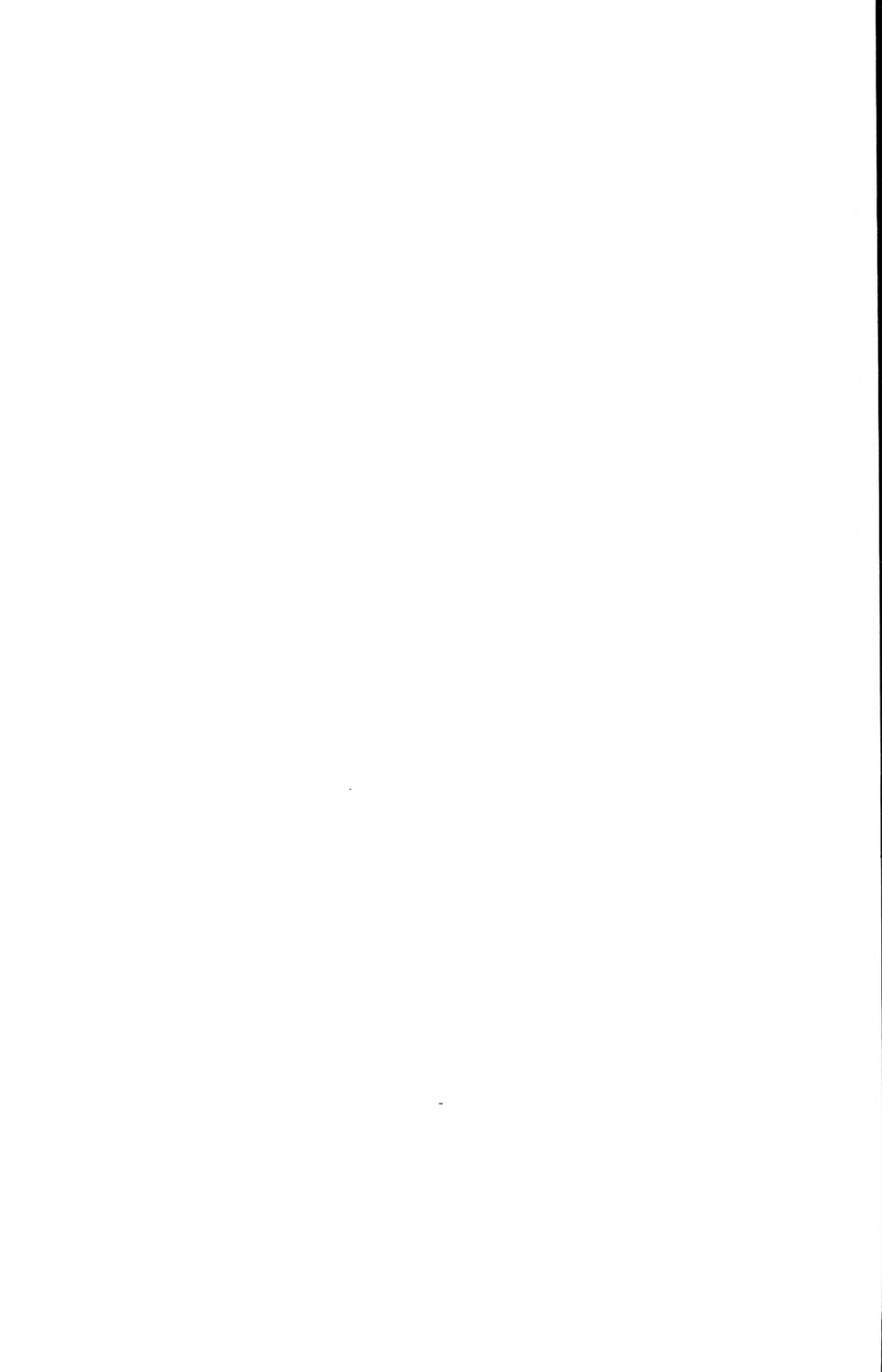
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