

GENERAL CATALOGUE
OF THE
HOMOPTERA

W. E. CHINA, *General Editor*
Z. P. METCALF, *Managing Editor*

FASCICLE IV
FULGOROIDEA
PART 14
ACANALONIIDAE

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INTRODUCTION

The present catalogue of the Family Acanaloniidae forms Part 14 of Fascicle IV of the General Catalogue of the Homoptera of the World, which is devoted to the Superfamily Fulgoroidea.

CLASSIFICATION ADOPTED

The classification adopted in the present catalogue is a modification of the one proposed by Melichar in 1923.

CHARACTERS OF THE FAMILY ACANALONIIDAE

The Family Acanaloniidae is one of the smaller families of the Fulgoroidea. The present catalogue contains 13 genera and 81 species.

This family is frequently confused with the Flatidae because of the large tegmina and with the Issidae on the basis of various other characters. The general characters of the family may be briefly summarized as follows: Head, including the compound eyes, usually slightly narrower than the pronotum or mesonotum. Vertex sometimes short and broad with anterior and posterior margins nearly parallel, sometimes triangular in outline, sometimes the frons and vertex are conically produced. Vertex not separated from frons by a distinct carina. Frons well developed with lateral carinae strongly elevated, sometimes with median and intermediate carinae, frequently as broad as long but in the species with conically produced heads the frons elongate, sometimes several times as long as broad. Clypeus much narrower than frons, elongate, triangular, not carinate laterally. Antennae short, basal segment collarlike, second segment usually subglobular, flagellum elongate. Ocelli laterad of the marginal carinae of the frons. Pronotum short and broad, anterior and posterior margins nearly parallel; lateral areas strongly developed. Mesonotum usually longer than broad, ecarinate. Tegmina large, coriaceous, steeply tectiformed; apical margin broadly rounded, sometimes nearly straight and frequently oblique with the claval angle somewhat produced. Venation conspicuous with numerous supernumerary longitudinal veins and cross veins which make the venation closely reticulate over the corium and the clavus; basal cell large; costal area without cross veins; clavus not granulate, with two longitudinal veins united into a common stem which ends in the apex of the clavus; hind wings fairly large, venation simple, radius and medius usually united basally, anal area not reticulate. Trochanters of hind legs directed ventrad. Tibiae of hind legs without lateral spines before the apex; apex with a crown of spines. Second segment of hind tarsi small or very small with a spine on each side; the apex rounded or bluntly pointed. Ovipositors often re-

duced, usually without serrated edges. Aedeagus always with a phallobase.

HISTORICAL RÉSUMÉ

Eleven of the thirteen recorded genera were described by Stål, Schmidt, Lallemand and Synave, and Melichar, and these same authors together with Fowler, Caldwell, Van Duzee, Doering, Metcalf and Bruner are responsible for most of the species recognized in this catalogue. Melichar 1923a: 4 gives keys to and descriptions of the eleven genera that were known at that time and a detailed catalogue of the known species.

GEOGRAPHIC DISTRIBUTION

All the species in this family with the exception of nine are from the Western Hemisphere. Six of the nine species from the Eastern Hemisphere are from the Ethiopian Region. In the Western Hemisphere they range from Canada throughout the United States, Mexico, Central America, and the West Indies southward through Colombia, Ecuador, Peru, Brazil, and Uruguay to Argentina. The genus *Philatis* with six species is found only in the Galapagos Islands.

The known geographic distribution of each species is indicated by superscript figures at the end of the lines, which correspond to geographic regions designated by the same superscript figures. In general we have indicated the distribution as given by the author of the reference, using the country as the smallest unit except in the larger countries, where states and provinces are used as the smallest units. In the larger island groups the individual islands are indicated wherever possible, in view of the importance of island endemism.

THE PURPOSES TO BE SERVED BY A CATALOGUE OF INSECTS

A catalogue of animals should serve practically all fields of biology. It should be, therefore, as complete a listing of all the records of families, subfamilies, tribes, genera, species, and varieties as it is possible for the author to assemble. The nature of the reference is of the greatest importance. A student of zoogeography should be able to find a complete list of the regions inhabited by the various species. The student of ecology should be able to find references to all that is known about the life history, food plants, and other pertinent data. The student of economic entomology should be able to check the histories of those species that are suspected of being injurious to plants. The plant disease specialist should be able to check the current nomenclature of the species which are disease vectors or suspected of being disease vectors. Those research workers studying morphology, physiology, or genetics should be able to

trace the development in the field of their special interest. And lastly, the student of taxonomy should be relieved of the burden of searching for past recordings, and the journals which publish taxonomic papers should not have to pay the cost of publishing the past records and duplicating the synonymy that is already well known. Thus it would be necessary only to record synonymy which has been developed since the publication of the catalogue. Incidentally, I am pleased to note an increase in the method of literature citations developed in my *Bibliography of the Homoptera Auchenorrhyncha*. Thus Smith 1950a: 63 is a better method of citation than the present method: Smith, Ann. Mag. Nat. Hist (12) 5: 63.

Unfortunately this method was not adopted in the earlier numbers of this series and since about three-fourths of the catalogues are in manuscript, it was not deemed wise to make this change at this time.

FORM OF THE PRESENT CATALOGUE

This catalogue follows the general form of the present series. The family is divided into genera which are arranged in as nearly a phylogenetic order as our present knowledge will permit. The species are arranged under the genera in alphabetic sequence. Titles of books are not abbreviated but are condensed if they are unduly long. The abbreviations of journal references follow in general the scheme proposed in the *World List of Scientific Periodicals* with minor exceptions, the chief difference being that the names of countries, states, cities and other geographical units are not abbreviated. A few references are listed under their titles rather than under the abbreviations of the journals in which they were published, because in these cases the titles are usually better known than the journals, for example, Van Duzee 1917 Catalogue of Hemiptera of American North of Mexico *not* Techn. Bull. California Agr. Exp. Sta. Ent. 2. If the journal has been published in series the abbreviation of the journal is followed by a series number or by such an abbreviation as n. s. (new series), o. s. (old series), n. f. (neue Folge), or the like. This is followed by a note indicating the nature of the reference.

The notes which follow the references are generally self explanatory, but three points may be mentioned here. Such notations as “[described],” “[notes],” “[key],” and the like are intended to be suggestive rather than precise or exclusive. The notation “[error]” means not accepted in this catalogue. Usually the latest published synonymy is accepted, but not always. The other notation “[comparative note]” is used to designate those references, often of the greatest taxonomic significance, in which two generic, specific or other groups are compared. All references have been checked against the original save those marked with an asterisk (*), which have been accepted from reliable sources. Every effort has been

made to have the references full and complete and to give an indication of the character of the data contained. Where the writer knows that reprints have been issued with different pagination, this is indicated in parentheses following the page numbers of the original. In a few cases, where the matter has been reprinted under a different title with different pagination, separate references are given. Where authentic editions have been published these have been indicated by separate references. Genera established without included species have been dated from their original description, with their type fixation dated at the time of the first inclusion of species. Original spellings have been retained in all cases, except obvious typographical errors. Typographical errors are indicated by placing “[sic]” after the misspelled name.

The determination of obvious typographical errors is not always easy. These errors range all the way from clearly apparent transpositions of letters, to misspelled names of individuals, geographical names, and many others of like character. However, so many generic names have been formed by the transposition and substitution of letters that one is often at a loss to know which names are misspelled and which are not. For example, *Neokolla* and *Keonolla*, or *Alebra*, *Elebra*, and *Eualebra*.

All variations in spelling save those which refer to endings only, are appropriately cross-referred. The species have also been listed under every known generic 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.

The writer takes no pride in the authorship of *nomen nova*. He uses them only when he thinks they are necessary. No new names are proposed for species or genera described by living authors without first giving the original author an opportunity to correct primary or secondary homonyms.

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

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

In the present number of this series we have departed from our previous method of giving latinized names to varieties which in the past

have been designated by Arabic letters, Greek letters, numbers, or other designations. All varieties are catalogued, however, under the first designation regardless of its form. Some of these varieties may prove to be valid species with further study and then may be given latinized designations.

Primary homonyms of species have been replaced by *nomen nova*; secondary homonyms have been restored to their original names if the homonym has been relieved by moving one or the other or both species to other genera.

All specific endings have been modified to agree with the suggestions made by Blackwelder 1940, *Journal of the Washington Academy of Sciences* **31**: 135-140. There are certain disadvantages inherent in this method, but it seems to the writer that these limitations are outweighed by the advantages of this system. We are confronted by so many coined words that can have no sex that it seems better to use this system and disregard apparent violations of Latin and Greek grammar. Where the sex of generic names can be determined the appropriate adjustments are made in the specific names.

In a detailed catalogue such as this it is practically impossible to eliminate all errors. The author will appreciate it very much if his attention is directed to all such mistakes. It is especially easy to overlook local lists when published in the proceedings of local natural history societies, references to species of economic importance when published in scientific agricultural journals, references to vectors of plant diseases when published in phytopathological journals, and many other references of a similar nature. It will be very much appreciated if authors will send me reprints of all articles dealing with the Homoptera Auchenorrhyncha so that this material may be included in future catalogues to make them as complete as possible. Also it would seem to the author that changes in the nomenclature adopted in this catalogue should not be made in the future without a full explanation.

All literature available to the writer before July 1, 1954 has been included in this catalogue.

Z. P. METCALF

Raleigh, North Carolina
July 1954

Family ACANALONIIDAE

- Acanonides* 1843 Amyot and Serville, Histoire Naturelle des Insectes. Hémiptères **1843**: 520 *Group* [Described]
 1846 Agassiz, Erichson and Germar, Nomenclator Zoologicus. Addenda **1846**: 1 [Listed]
 1848 Agassiz, Nomenclatoris Zoologici Index Universalis **1848**: 3 [Listed]
- Acanaloniidae* 1859 Dohrn, Catalogus Hemipterorum **1859**: 67 *Family* [Listed]
 1862 Fuss, Verh. Mitth. Siebenburgischen Ver. Nat. **13**: 17 *Family* [Listed]
 1862 Stål, Handl. Svenska Vet. Akad. **3** (6):68 [Key, key to genera]
- Acanoniida* 1867 Dallas, Zool. Rec. **3**: 559 *Subfamily* [Key]
 1869 Stål, Handl. Svenska Vet. Akad. **8** (1):106 [Listed]
- Acanoniina* 1879 Berg, An. Soc. Cient. Argentina **8**: 210 *Subfamily* [Listed] Equals *Acanoniida*
 1879 Berg, Hemiptera Argentina **1879**: 228 *Subfamily* [Listed] Equals *Acanoniida*
- Acanonides* 1882 Scudder, Bull. United States Nat. Mus. **19**: 1 [Listed]
- Acanoniida* 1884 Uhler, Standard Natural History **2**: 229 *Subfamily* [Listed]
 1888 Uhler, Riverside Natural History **2**: 229 *Subfamily* [Listed]
- Acanoniinae* 1889 Ashmead, Ent. Americana **5**: 1 *Subfamily* [Key] :2 [Key to genera]
- Acanoniida* 1890 Hansen, Ent. Tidskr. **11**: 72 [Taxonomy]
- Acanoniinae* 1890 Smith, Geological Survey of New Jersey **2** (2):437 *Subfamily* [Listed]
- Acanoniida* 1892 Van Duzee, Trans. American Ent. Soc. **19**: 296 *Subfamily* [Listed]
- Acanaloniinae* 1900 Fowler, Biologia Centrali-Americana **1**: 45 *Subfamily* [Key, described]
- Acanaloniidae* 1901 Melichar, Ann. Nat. Hofmus. Wien **16**: 179 *Subfamily* [Key] :181 [Described, key to genera]
- Acanaloniida* 1901 Melichar, Wien. Ent. Zeit. **20**: 177 *Subfamily* [Comparative note]
- Acanoniida* 1903 Hansen, Entomologist **36**: 94 [Taxonomy]

- Acanaloniidae* 1903 Kirkaldy, *Entomologist* **36**: 77 [Notes]
 1903 Melichar, *Homopteren-Fauna von Ceylon* **1903**:
 11 *Subfamily* [Key]
- Acanoniinae* 1904 Swezey, *Preliminary Catalogue of Fulgoridae of
 North America* **1904**: 7 *Subfamily* [Catalogue of
 North American genera and species]
- Acanoniida* 1906 Kirkaldy, *Bull. Hawaiian Sugar Pl. Assoc. Div.
 Ent.* **1** (9):289 [Key] :304 [Taxonomy]
- Amphiscepinæ* 1906 Kirkaldy, *Bull. Hawaiian Sugar Pl. Assoc. Div.
 Ent.* **1** (9):296 *Subfamily* [Listed] Equals *Acana-
 loniida* :304 [Taxonomy]
 1907 Kirkaldy, *Bull. Hawaiian Sugar Pl. Assoc. Div.
 Ent.* **3**: 9, 96 *Subfamily* [Listed] :94 [Described]
 :102 [Key]
- Acanaloniida* 1908 Van Duzee, *Proc. Acad. Nat. Sci. Philadelphia*
1907: 468 *Subfamily* [Key]
- Acanalonida* 1908 Van Duzee, *Proc. Acad. Nat. Sci. Philadelphia*
1907: 495 *Subfamily* [Notes]
- Acanaloniinae* 1909 Van Duzee, *Bull. Buffalo Soc. Nat. Sci.* **9**: 192
Subfamily [List of species from Florida]
- Acanalonunæ* 1910 Distant, *Rec. Indian Mus.* **5**: 320 *Subfamily*
 [sic] [Listed]
- Acanaloniinae* 1910 Distant, *Ann. Mag. Nat. Hist.* (8) **5**: 297 *Sub-
 family* [Taxonomy of the species described by
 Walker]
 1910 Distant, *Insecta Transvaaliensia* **10**: 248 *Sub-
 family* [Catalogued] Equals *Acanaloniidae* Equals
Acanoniina Equals *Acanoniida*
- Acanaloninae* 1910 Smith, *Ann. Rept. New Jersey State Mus.*
1909: 96 *Subfamily* [Listed]
- Acanaloniinae* 1912 Melichar, *Deutschen Zentral-Afrika-Expedition
 1910-1911* **1**: 129 *Subfamily* [Listed]
 1912 Schmidt, *Stett. Ent. Zeit.* **73**: 91 *Subfamily*
 [Notes, key to genera]
- Acanaloniida* 1913 Metcalf, *Ann. Ent. Soc. America* **6**: 347 *Sub-
 family* [Venation]
- Acanaloninae* 1915 Metcalf, *Jour. Elisha Mitchell Sci. Soc.* **31**: 46
 (14) *Subfamily* [List of species from North
 Carolina]
- Acanaloniinae* 1916 Oshanin, *Horæ Soc. Ent. Rossicæ* **42**: 92 *Sub-
 family* [Bibliography] Equals *Acanoniida* Equals
Amphiscepinæ

- 1916 Van Duzee, Check List of Hemiptera of America North of Mexico **1916**: 81 *Subfamily* [List of North American genera and species] Equals *Amphiscepinæ*
- 1917 Van Duzee, Catalogue of Hemiptera of America North of Mexico **1916**: 750 *Subfamily* [Catalogue of North American genera and species] Equals *Acanonides* Equals *Acanalonidae* Equals *Acanoniida* Equals *Acanoniina* Equals *Acanoniinæ* Equals *Acanaloniidæ* Equals *Acanalonida* Equals *Amphiscepinæ*
- 1918 Fenton, Ohio Jour. Sci. **18**: 187 *Subfamily* [Listed] :245; 1 fig. [Phylogeny, illustrated]
- Acanaloniidae 1922 Kershaw and Muir, Ann. Ent. Soc. America **15**: 209 [Morphology of aedeagus]
- Acanaloniinæ* 1923 Delétang, An. Mus. Buenos Aires **31**: 581 [Key]
- Acanaloniidae 1923 Melichar, Gen. Insect. **182**: 3 *Family* [Key] :4 [Described, catalogued key to genera] Equals *Amphiscepinæ* Kirk.
- Acanaloniinæ* 1923 Metcalf, Jour. Elisha Mitchell Sci. Soc. **38**: 150 *Subfamily* [Key]
- Acanaloniidae 1923 Muir, Proc. Hawaiian Ent. Soc. **5**: 220 *Family* [Key] :233 [Described, catalogued] Equals *Acanonides* :246; Pl. VIII [Phylogeny, illustrated]
- Acanaloniinæ* 1923 Van Duzee, Bull. Connecticut Geol. Nat. Hist. Surv. **34**: 26 *Subfamily* [Key] :38 [Described]
- Acanaloniidae 1924 Muir, Proc. Hawaiian Ent. Soc. **5**: 467 [Listed]
- Acanaloniini* 1925 Handlirsch, Schröder's Handbuch der Entomologie **3** (17-18):1110 *Tribe* [Described] Equals *Acanoides* Equals *Acanalonidae* Equals *Acanoniida* Equals *Acanoniina* Equals *Acanaloniinæ* Equals *Acanaloniidæ*
- Acanaloniinæ* 1926 Gowdey, Ent. Bull. Dept. Agr. Jamaica **4** (1):40 *Subfamily* [Listed]
- 1928 Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 20 *Subfamily* [Key] :107 [Described] Equals *Acanonides* :9 [Listed]
- 1928 Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. **101**: 178 *Subfamily* [Listed]
- Acanaloniidae 1928 Myers, Studies on Cuban Insects **1928**: 24 [Listed]

- Acanaloniinae* 1928 Ogilvie, The Insects of Bermuda **1928**: 20 *Subfamily* [Listed]
- Acanaloniidae* 1929 Haupt, Proc. Int. Zool. Congr. **10**: 1073 *Family* [Listed]
- Acanaloniinae* 1929 Haupt, Zool. Jahrb. Syst. Ökol. **58**: 198 *Subfamily* [Key]
- Acanaloniidae* 1930 Metcalf and Bruner, Psyche **37**: 407 *Family* [Review of species from Cuba]
- 1930 Muir, Ann. Mag. Nat. Hist. (10) **6**: 466 *Family* [Key] :476 [Notes]
- 1932 Brues and Melander, Bull. Mus. Comp. Zool. Harvard Coll. **73**: 120 [Key] Equals *Amphiscepididae*
- Acanaloniinae* 1932 Doering, Ann. Ent. Soc. America **25**: 759 *Subfamily* [Described]
- 1932 Schmidt, Stett. Ent. Zeit. **93**: 57 *Subfamily* [Listed]
- Acanaloniidae* 1932 Schmidt, Stett. Ent. Zeit. **93**: 44 *Family* [Listed]
- Acanoloniae* 1933 Osborn, Trans. Int. Congr. Ent. **5**: 465 [Listed]
[sic]
- Acanaloniinae* 1934 Heaton, Bull. Brooklyn Ent. Soc. **29**: 110 *Subfamily* [List of species from Indiana]
- 1935 Osborn, Sei. Surv. Porto Rico and Virgin Islands **14**: 193 *Subfamily* [Key] :216 [Listed]
- Acanaloniidae* 1936 Izzard, Ann. Mag. Nat. Hist. (10) **17**: 593 *Family* [A new genus from Christmas Island]
- 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 282 [Key] :389 *Family* [Described]
- Acanaloniinae* 1938 Osborn, Bull. Ohio Biol. Surv. **6**: 285 *Subfamily* [Key] :316 [Described]
- Acanaloniidae* 1939 Metcalf, Jour. Soc. Bibl. Nat. Hist. **1**: 247 [Listed]
- Acanaloniinae* 1940 Müller, Zoologica, Stuttgart **36** (1-2):36 *Subfamily* [Symbionts]
- Acanaloniidae* 1940 Ossiannilsson, Opuscula Entomologica. Lund. **5**: 41 *Family* [Listed]
- Acaloniidae* 1941 Jacobi, Zool. Jahrb. Syst. Ökol. **74**: 292 *Family* [Listed]
- Acanaloniidae* 1942 da Costa Lima, Insetos do Brasil **3**: 40 [Key]
- 1944 Fennah, Proc. Ent. Soc. Washington **46**: 185, 193 [Venation]
- 1944 Metcalf, A Bibliography of the Homoptera **2**: 147 [Bibliography]

- 1945 Caldwell, Ann. Ent. Soc. America **38**: 89 [Notes]
 1945 Fennah, Proc. United States Nat. Mus. **95**: 502
Family [Listed]
 1945 Fennah, Proc. Ent. Soc. Washington **47**: 123
 [Pretarsus described] :221; Pl. 23, 1 fig. [Morphol-
 ogy of external male genitalia, illustrated]
 1945 Metcalf, Zoologica **30**: 136 *Family* [Described]
 1947 Dowdy, Ecology **28**: 429 [Ecology of species]
 1947 Metcalf, Jour. Elisha Mitchell Sci. Soc. **62**:
 165, 167 [Zoogeography]
 1947 Ramos, Jour. Agr. Univ. Puerto Rico **30**: 20
Family [List of species from Mona Island]
 1948 Metcalf and Bruner, Ann. Ent. Soc. America
41: 63 *Family* [Comparative note]
 1949 Fennah, Psyche **56**: 59 [Catalogue of genera and
 species from the Virgin Islands]
Acanaloniinae 1949 Müller, Biol. Centralbl. **68**: 357 [Symbionts]
Acanaloniidae 1950 Fennah, Bull. Bernice P. Bishop Mus. **202**: 14
 [Key]
 1951 Caldwell and Martorell, Jour. Agr. Univ. Puerto
 Rico **34**: 134 [Key] :248 [Comparative note] :260
 [Notes]
 1951 Dowdy, Ecology **32**: 50 [Listed]
 1951 Metcalf, Comm. Biol. **12** (1):13 [Phylogeny]
 1951 Pesson, Traité de Zoologie **10**: 1526 [Listed]
 1952 Caldwell and Martorell, Jour. Agr. Univ. Puerto
 Rico **34**: 4 [Key]
 1952 China and Fennah, Ann. Mag. Nat. Hist. (12)
5: 192, 193 [Comparative note]
 1953 Hennig, Beitr. Ent. **3**: 69 [Catalogued]
 1953 Krauss, Proc. Hawaiian Ent. Soc. **15**: 124 [Listed]
 1953 Lallemand and Synave, Verh. Naturf. Ges. Basel
64: 229, 247 [Listed]
 1954 Brues, Melander, and Carpenter, Bull. Mus.
 Comp. Zool. Harvard Coll. **108**: 154 [Key] Equals
Amphiscepidae

Genus *Acanalonia* Spinola

- HAPLOTYPE *Acanalonia servillei* [n. sp.] 1839 Spinola, Ann. Soc. Ent.
 France **8**: 447
 TYPE [*Acanalonia*] *servillei* 1840 Duponchel, Rev. Zool. **2**: 205
 TYPE A[*canalonia*] *servillei* 1900 Fowler, Biologia Centrali-Americana
1: 45

- TYPE *A[canalonia] servillei* 1901 Melichar, Ann. Nat. Hofmus. Wien **16**: 183
- TYPE [*Acanalonia*] *servillei* 1903 Kirkaldy, Entomologist **36**: 215
- TYPE *A[canalonia] servillei* 1910 Distant, Ann. Mag. Nat. Hist. (8) **5**: 297
- HAPLOTYPE *Acanalonia servillei* 1916 Van Duzee, Check List of Hemiptera of America North of Mexico **1916**: 81
- HAPLOTYPE [*Acanalonia*] *servillei* 1917 Van Duzee, Catalogue of Hemiptera of American North of Mexico **1917**: 750
- TYPE *A[canalonia] servillei* 1923 Melichar, Gen. Insect. **182**: 6
- TYPE *A[canalonia] servillei* 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands **14**: 216
- TYPE *Acanalonia servillei* 1945 Fennah, Proc. United States Nat. Mus. **95**: 502
- TYPE *Acanalonia servillei* 1945 Metcalf, Zoologica **30**: 136
- TYPE *Acanalonia servillei* 1949 Fennah, Psyche **56**: 59

[*Acanonia* Amyot and Serville]

- [Haplotype *Acanonia servillei* 1843 Amyot and Serville, Histoire Naturelle des Insectes. Hémiptères **1843**: 520]

[*Amphiscepa* Say [nec Germar]]

- [Logotype [*Amphiscepa*] *bivittata* 1906 Melichar, Abh. Zool. Bot. Ges. Wien **3**: 215]
- [Type *A[mphiscepa] bivittata* 1923 Melichar, Gen. Insect. **182**: 5]

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|-------------------|--|
| <i>Acanalonia</i> | 1839 Spinola, Ann. Soc. Ent. France 8 : 447 [gen. n.]:205 [Key] |
| | 1840 Duponchel, Rev. Zool. 2 : 205 [Described] |
| | 1842 Agassiz, Erichson and Germar, Nomenclator Zoologicus 1842 : 1 [Listed] |
| <i>Acanonia</i> | 1843 Amyot and Serville, Histoire Naturelle des Insectes. Hémiptères 1843 : 520 Nom. nov. pro <i>Acanalonia</i> Spinola [Described] |
| | 1846 Agassiz, Erichson and Germar, Nomenclator Zoologicus. Addenda 1846 : 1 [Listed] |
| <i>Acanalonia</i> | 1848 Agassiz, Nomenclatoris Zoologici Index Universalis 1848 : 3 [Listed] |
| <i>Acanonia</i> | 1848 Agassiz, Nomenclatoris Zoologici Index Universalis 1848 : 3 [Listed] Equals <i>Acanalonia</i> |
| | 1850 Schaum, Allgemeine Encyclopädie Ersch und Gruber 51 : 71 [Described] Equals <i>Acanalonia</i> Spin. |

- Acanalonia* 1850 Spinola, Mem. Soc. Italiana Modena **25** (1):53 [Key]
 1851 Walker, List of Homopterous Insects **2**: 471 [Catalogue of species]
 1859 Dohrn, Catalogus Hemipterorum **1859**: 67 [Listed]
- Acanonia* 1862 Stål, Berliner Ent. Zeit. **6**: 311 [Listed]
 1862 Stål, Öfv. Svenska Vet. Akad. Förh. **19**: 491 [Synonymy of species described by Walker]
- Acanalonia* 1862 Stål, Handl. Svenska Vet. Akad. **3** (6):10 [A new species from Brazil] :68 [Key]
- Acanonia* 1869 Stål, Handl. Svenska Vet. Akad. **8** (1):106 [Listed] :107 [Comparative note]
- Amphiscepa* 1878 Glover, Manuscript Notes **1878**: Pl. 1 Equals
 [nec Germar] *Flata* Say [in part.]
- Acanonia* 1879 Berg, An. Soc. Cient. Argentina **8**: 210 [A new species from Argentina] Equals *Acanalonia* Spin.
 1879 Berg, Hemiptera Argentina **1879**: 228 [A new species from Argentina] Equals *Acanalonia* Spin.
- Acanalonia* 1882 Scudder, Bull. United States Nat. Mus. **19**: 1 [Listed]
- Acanonia* 1882 Scudder, Bull. United States Nat. Mus. **19**: 1 [Listed] To *Acanalonia*
- Amphiscepa* 1884 Uhler, Standard Natural History **2**: 235 [Notes]
 [nec Germar]
- 1888 Uhler, Riverside Natural History **2**: 235 [Notes]
- Acanonia* 1889 Ashmead, Ent. Americana **5**: 2 [Key]
- Amphiscepa* 1889 Provancher, Petite Faune Entomologique du
 [nec Germ.] Canada **3**: 216 [Key]
- Acononia* [sic] 1890 Smith, Geological Survey of New Jersey **2**
 (2):437 [Listed]
- Amphiscepa* 1890 Smith, Geological Survey of New Jersey **2**
 [nec Germ.] (2):438 [Listed]
- Acanalonia* 1898 Melichar, Ann. Nat. Hofmus. Wien **13**: 200 [Listed]
 1900 Fowler, Biologia Centrali-Americana **1**: 45 [Notes] :46 [Described, catalogued, key to subgenera] Equals *Acanonia* Amy. and Serv. :47 [Comparative note]
- Acanalonia* 1900 Fowler, Biologia Centrali-Americana **1**: 46 [Key]
 (*Acanalonia*)

- Acanalonia* 1901 Melichar, Ann. Nat. Hofmus. Wien **16**: 183
[Described, catalogued, key to species] Equals
Acanonia Amy. and Serv. :182 [Key] :191 [Com-
parative note]
- 1901 Melichar, Wien. Ent. Zeit. **20**: 177 [Comparative
note]
- Amphiscepa* 1901 Melichar, Ann. Nat. Hofmus. Wien **16**: 182 [Key,
[nec Germar] described]
- Acanalonia* 1903 Kirkaldy, Entomologist **36**: 215 [Listed]
- Acanonia* 1904 Swezey, Preliminary Catalogue of Fulgoridae
of North America **1904**: 7 [Catalogued] Equals
Acanalonia Spin.
- Acanalonia* 1905 Fowler, Biologia Centrali-Americana **1**: 146
[Listed]
- Amphiscepa* 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div.
[nec Germar] Ent. **1** (9):403 [Listed]
- 1906 Melichar, Abh. Zool. Bot. Ges. Wien **3**: 215 [Note]
- 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div.
Ent. **3**: 94 Equals *Acanalonia* :96 [Listed]
- 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div.
Ent. **4**: 65 [Listed] Equals *Acanalonia*
- Acanalonia* 1908 Schmidt, Zool. Anz. **32**: 515 [New species from
South America]
- 1908 Van Duzee, Proc. Acad. Nat. Sci. Philadelphia
1907: 496 [A new species from Utah, comparative
note]
- [*Amphiscepa*] 1908 Van Duzee, Proc. Acad. Nat. Sci. Philadelphia
[nec Germar] **1907**: 496 [Notes]
- Acanalonia* 1910 Distant, Ann. Mag. Nat. Hist. (8) **5**: 297 [Cata-
logued]
- 1913 Metcalf, Ann. Ent. Soc. America **6**: 344, 345,
346, 351; Pl. XXXII, Figs. 1, 2 [Tracheation,
illustrated] :347 [Venation]
- Amphiscepa* 1913 Metcalf, Ann. Ent. Soc. America **6**: 342, 343,
[nec Germar] 344 [Tracheation] :347, 348 [Venation]
- Amphiscepha* 1915 Brues and Melander, Key to Families of North
[sic] [nec American Insects **1915**: 74; Pl. 15, Fig. 358
Germar] [Listed, illustrated]
- Acanalonia* 1916 Oshanin, Horae Soc. Ent. Rossicae **42**: 92
[Bibliography]
- 1916 Van Duzee, Check List of Hemiptera of America
North of Mexico **1916**: 81 [List of North Ameri-

- can species] Equals *Acanonia* Amy. and Serv.
Equals *Amphiscepa* Uhl. [nec Germ.]
- 1917 Van Duzee, Catalogue of Hemiptera of America
North of Mexico **1917**: 750 [Catalogue of North
American species] Equals *Acanonia* Amy. and
Serv. Equals *Amphiscepa* Uhl. [nec Germ.]
- 1920 Britton, Bull. Connecticut Geol. Nat. Hist.
Surv. **31**: 46 [Listed] Equals *Amphiscepa* Uhl.
[nec Germ.]
- 1922 Sherborn, Index Animalium **1**: 22 [Catalogued]
- Acanonia* 1922 Sherborn, Index Animalium **1**: 22 [Catalogued]
Equals *Acanalonia* Spin.
- Acanalonia* 1923 Melichar, Gen. Insect. **182**: 4 [Key] :6 [Described,
catalogued, catalogue of species] Equals *Acanonia*
Amy. and Serv.
- Amphiscepa* 1923 Melichar, Gen. Insect. **182**: 4 [Key] :5 [Described,
[nec Germar] catalogued, catalogue of species] Equals *Flata*
Say [in part.] Equals *Otiocerus* Prov. [in part.]
- Acanalonia* 1923 Metcalf, Jour. Elisha Mitchell Sci. Soc. **38**: 150
[Key, key to species from Eastern North America]
- 1923 Muir, Proc. Hawaiian Ent. Soc. **5**: 233 [Cata-
logued] :241; Pl. VI, Fig. 30 [Morphology of
male genitalia, illustrated]
- 1923 Van Duzee, Bull. Connecticut Geol. Nat. Hist.
Surv. **34**: 38 [Key to and descriptions of species
from Connecticut] Equals *Amphiscepa* Uhl. [nec
Germ.]
- Amphiscepa* 1925 Handlirsch, Schröder's Handbuch der Entomolo-
[nec Germar] gie **3** (17-18):1110 [Listed]
- Acanalonia* 1925 Handlirsch, Schröder's Handbuch der Entomolo-
gie **3** (17-18):1110 [Listed]
- 1926 Gowdey, Ent. Bull. Dept. Agr. Jamaica **4**
(1):40 [Listed]
- 1926 Schulze, Kükenthal and Heider, Nomenclator
Animalium **1** (1):7 [Catalogued]
- Acanonia* 1926 Schulze, Kükenthal and Heider, Nomenclator
Animalium **1** (1):7 [Catalogued] Equals *Acana-
lonia* Spin.
- Acanalonia* 1928 Dozier, Tech. Bull. Mississippi Agr. Exp. Sta.
14: 107 [Described, key to species from Southern
United States]

- 1928 Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. **101**: 178 [Listed]
- 1928 Ogilvie, The Insects of Bermuda **1928**: 20 [Listed]
- 1932 Brues and Melander, Bull. Mus. Comp. Zool. Harvard Coll. **73**: 120; Figs. 193, 203 [Listed, illustrated] Equals *Amphiscepa* [nec Germ.]
- 1932 Doering, Ann. Ent. Soc. America **25**: 760 [Described, key to species]
- 1932 Schmidt, Stett. Ent. Zeit. **93**: 44 [A new species from Colombia]
- 1934 Heaton, Bull. Brooklyn Ent. Soc. **29**: 110 [List of species from Indiana]
- 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands **14**: 216 [Catalogued]
- 1938 Brimley, Insects of North Carolina **1938**: 101 [List of species from North Carolina]
- 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **82**: 389 [Note]
- 1938 Osborn, Bull. Ohio Biol. Surv. **6**: 316 [Key to Ohio species]
- 1938 Spooner, Univ. Illinois Bull. **35** (70):9; Pl. I, Fig. 5; Pl. III, Fig. 37; Pl. IV, Fig. 56; Pl. V, Fig. 89 [Morphology of nymphal head, illustrated]
- 1939 Neave, Nomenclator Zoologicus **1**: 8 [Catalogued]
- Acanonia* 1939 Neave, Nomenclator Zoologicus **1**: 8 [Catalogued]
- Acanalonia* 1941 Adams, Ecol. Mon. **11**: 217, 221, 224 [Ecology]
- 1944 Fennah, Proc. Ent. Soc. Washington **46**: 185 [Tracheation] :187 [Venation]
- 1944 Metcalf, A Bibliography of the Homoptera **2**: 147 [Bibliography]
- 1945 Fennah, Proc. United States Nat. Mus. **95**: 502 [Described, catalogued]
- 1945 Fennah, Proc. Ent. Soc. Washington **47**: 122 [Morphology of pretarsus] :229; Pl. 23, 1 fig. [Morphology of external male genitalia, illustrated]
- 1945 Metcalf, Zoologica **30**: 136 [Described, catalogued, zoogeography]
- 1946 Fennah, Proc. Ent. Soc. London **21**: 74 [Distribution, ecology]

- 1947 Metcalf, Jour. Elisha Mitchell Sci. Soc. **62**: 167
[Zoogeography]
- 1949 Fennah, Psyche **56**: 59 [Catalogued]
- Acalonia* [sic] 1950 Kramer, Illinois Biol. Monog. **20**: 10; Pl. I,
Figs. 1-2 [Morphology of head, illustrated]
- Acanalonia 1951 Caldwell and Martorell, Jour. Agr. Univ. Puerto
Rico **34**: 261 [Notes, review of species, catalogued]
:261, 268 Equals *Philatis* Stål [error] Equals
Chlorochara Stål [error]
- 1954 Brues, Melander, and Carpenter, Bull. Mus.
Comp. Zool. Harvard Coll. **108**: 154; Figs. 230
236 [Illustrated] Equals *Amphiscepa*

affinis Fowler

- 1900 *Acanalonia affinis* Fowler, Biologia Centrali-Americana **1**:
48; Pl. 7, Figs. 5, 5a [n. sp., illustrated]¹
- 1901 *Acanalonia affinis* Melichar, Ann. Nat. Hofmus. Wien **16**:
184 [Key] :189 [Described, catalogued]^{1, 2}
- 1923 *A[canalonia] affinis* Melichar, Gen. Insect. **182**: 7 [Cata-
logued]¹

LOCALITIES: ¹ Guatemala ² Central America.

agilis Melichar. See *Batusa agilis* Melichar.

agilis maricensis Caldwell and Martorell. See *Batusa agilis maricensis* Caldwell
and Martorell.

albacosta Caldwell

- 1947 *Acanalonia albacosta* Caldwell, Bull. Brooklyn Ent. Soc.
41: 165 (2) [n. sp.]^{1, 2}

LOCALITIES: ¹ Mexico. ² Oaxaca.

avida Caldwell and Martorell. See *Chlorochara vivida avida* Caldwell and
Martorell.

bivittata. Typographical error for *Acanalonia bivittata* Say.

bivittata Say

- 1825 *F[lata] bivittata* Say, Jour. Acad. Nat. Sci. Philadelphia **4**:
335 [n. sp.]^{1, 2, 3}
- 1830 *A[mphiscepa] malina* Germar, Thon's Entomologisches
Archiv. **2** (2):52 [n. sp.]⁴
- 1830 *[Flata] bivittata* Say, Jour. Acad. Nat. Sci. Philadelphia **6**:
238 [Comparative note]
- 1833 *[Amphiscepa] malina* Germar, Rev. Ent. Silbermann **1**: 175
[Listed]
- 1835 *[Flata] bivittata* Harris, Animals in Massachusetts **1835**: 579
[Listed]⁵

- 1835 [*Flata*] *bivittata* Harris, Catalogues of Animals and Plants of Massachusetts **1835**: 59 [Listed]⁵
- 1839 [*Amphiscepa*] *malina* Spinola, Ann. Soc. Ent. France **8**: 140 [Key]
- 1847 [*Amphiscepa*] *malina* Blanchard, Dictionnaire Universel d'Histoire Naturelle **1**: 395 [Listed]
- 1850 *Acanonia malina* Schaum, Allgemeine Encyklopädie Ersch und Gruber **51**: 71 [Listed] Equals *Amphiscepa malina* Germ. :72 [Comparative note]
- 1850 *P[ociloptera]* *bivittata* Schaum, Allgemeine Encyklopädie Ersch und Gruber **51**: 72 [Listed]⁶ Equals *Flata [bivittata]* Say
- 1851 *Poeciloptera* (?) *bivittata* Walker, List of Homopterous Insects **2**: 469 [Catalogued]¹ Equals *Flata bivittata* Say
- 1851 *Poeciloptera nana* Walker, List of Homopterous Insects **2**: 466 [n. sp.]⁶
- 1852 *Poeciloptera* (?) *bivittata* Walker, List of Homopterous Insects **4**: 1139 [Catalogued]^{2, 3} Equals *Flata bivittata* Say
- 1859 [*Poeciloptera*] (?) *bivittata* Dohrn, Catalogus Hemipterorum **1859**: 66 [Listed]⁶
- 1859 [*Poeciloptera*] *nana* Dohrn, Catalogus Hemipterorum **1859**: 66 [Listed]⁶
- 1859 *F[lata] bivittata* Say, Entomology of North America **2**: 255 [n. sp.] 1, 2, 3 Reprinted :373 [Comparative note]
- 1862 *A[canonia] bivittata* Stål, Berliner Ent. Zeit. **6**: 311 [Described, catalogued]^{3, 7} Equals *Flata bivittata* Say Equals *Amphiscepa malina* Germ.
- 1862 *Acanonia bivittata* Stål, Öfv. Svenska Vet. Akad. Förh. **19**: 489 [Catalogued] Equals *Poeciloptera nana* Walk.
- 1862 *Acanonia [nana]* Stål, Öfv. Svenska Vet. Akad. Förh. **19**: 491 Equals *P[ociloptera] nana* Walk.
- 1869 *Flata bivittata* Rathvon, Mombert's History Lancaster County, Pennsylvania **1869**: 550 [Listed]³
- 1877 *Amphiscepa bivittata* Glover, Rept. Comm. Agr. **1876**: 28, Fig. 8 [Described, ecology, illustrated]⁴⁰ Equals *Flata [bivittata]*
- 1878 *Amphiscepa bivittata* Glover, Manuscript Notes **1878**: 1; Pl. 1, Fig. 47 [Listed, illustrated] Equals *Flata [bivittata]*
- 1879 *Amphiscepa bivittata* Scudder, Rept. Progr. Canada Geol. Surv. (B) **1877-78**: 185B [Comparative note]
- 1884 *Amphiscepa bivittata* Smith, Bull. United States Dept. Agr. Div. Ent. [o.s.] **4**: 30 [Economics]⁸
- 1884 *A[mphiscepa] bivittata* Uhler, Standard Natural History **2**: 235 [Notes]^{9, 10, 11, 12, 41}

- 1885 *Amphiscepa bivittata* Popenoe, Trans. Kansas Acad. Sci. **9**: 63 [Listed]¹³
- 1888 *Amphiscepa bivittata* Uhler, Riverside Natural History **2**: 235 [Notes]^{9, 10, 11, 12, 41}
- 1890 *Amphiscepa bivittata* Scudder, Rept. United States Geol. Surv. Terr. **13**: 296 [Comparative note]
- 1890 *A[mphiscepa] bivittata* Smith, Geological Survey of New Jersey **2** (2):438 [Listed]⁸
- 1890 *Amphiscepa bivittata* Van Duzee, Psyche **5**: 389 Equals *Flata bivittata* Say
- 1892 *Amphiscepa bivittata* Osborn, Proc. Iowa Acad. Sci. **1** (2):127 (13) [Listed]¹⁴
- 1892 *Amphiscepa bivittata* Southwick, Science **19**: 357 [Listed]¹⁵
- 1893 *Amphiscepa bivittata* [sic] Gossard, Proc. Iowa Acad. Sci. **1** (III):97 [Ecology]¹⁴
- 1893 *Amphiscepa bivittata* Hopkins, Bull. West Virginia Agr. Exp. Sta. **32**: 230 [Food plants]¹⁶
- 1894 *Acanonia bivittata* Townsend, Canadian Ent. **26**: 312 [Listed]¹⁷
- 1895 *Amphiscepa bivittata* Scudder, Contr. Canadian Pal. **2**: 11 [Comparative note]
- 1900 *Amphiscepa bivittata* Osborn, Ann. Rept. Ohio State Acad. Sci. **8**: 64 [Listed]^{1, 18}
- 1900 *Amphiscepa bivittata* Osborn, Ohio Nat. **1**: 11 [Listed]¹⁸
- 1900 *A[mphiscepa] bivittata* Smith, Ann. Rept. New Jersey State Bd. Agr. Suppl. **27**: 87 [Listed]^{8, 19}
- 1901 *Amphiscepa bivittata* Howard, The Insect Book **1901**: Pl. XXVIII, Fig. 20 [Illustrated]¹
- 1901 *Amphiscepa bivittata* Melichar, Ann. Nat. Hofmus. Wien **16**: 183 [Described, catalogued]^{6, 7} Equals *Flata bivittata* Say Equals *Amphiscepa malina* Germ. Equals *Poeciloptera nana* Walk.
- 1903 *Amphiscepa bivittata* Swezey, Ohio Nat. **3**: 354; Pl. 6, Figs. 1-5 [Life history, illustrated]¹⁸
- 1904 *Amphiscepa malina* Fowler, Biologia Centrali-Americana **1**: 118 [Listed]
- 1904 *Amphiscepa bivittata* Swezey, Preliminary Catalogue of Fulgoridae of North America **1904**: 10 [Catalogued, food plants]^{2, 3, 7, 8, 9, 10, 11, 12, 14, 15, 17, 18, 20, 21, 22, 23} Equals *Flata bivittata* Say Equals *Acanonia bivittata* Stål
- 1904 *Amphiscepa bivittata* Wirtner, Ann. Carnegie Mus. **3**: 213 [Notes]³
- 1906 *Amphiscepa bivittata* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **1** (9):280 [Life history notes]⁶

- 1907 *Amphiscepa bivittata* Boring, Jour. Exp. Zool. **4**: 501; Pl. IX, Figs. 295-304 [Spermatogenesis, illustrated, comparative note]
- 1907 *Poeciloptera bivittata* Boring, Jour. Exp. Zool. **4**: 501; Pl. IX, Figs. 305-313 [Spermatogenesis, illustrated]
- 1907 *Amphiscepa bivittata* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **4**: 60 [Listed] :65 [Listed, comparative note]^{10, 12, 17}
- 1907 *Amphiscepa bivittata* Tucker, Bull. Univ. Kansas Sci. Bull. **4**: 64 [Listed]¹³
- 1907 [*Amphiscepa*] *bivittata* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **8** (5):37, 38 [Comparative notes]
- 1907 *Amphiscepa bivittata* Wheeler, American Nat. **41**: 776 [Notes]^{8, 15, 19}
- 1908 [*Amphiscepa bivittata*] Van Duzee, Proc. Acad. Nat. Sci. Philadelphia **1907**: 495 Equals *Flata bivittata* Say Equals [*Amphiscepa*] *malina* Stål
- 1909 *Amphiscepa bivittata* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **9**: 192 [Notes]⁹
- 1910 A[*mpphiscepa*] *bivittata* Smith, Ann. Rept. New Jersey State Mus. **1909**: 96 [Listed]^{8, 19}
- 1913 *Amphiscepa bivittata* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **12**: 19 [Listed]^{1, 10, 24}
- 1913 *Amphiscepa bivittata* Metcalf, Ann. Ent. Soc. America **6**: 342, 343, 344, 346, 351; Pl. XXXII, Figs. 5, 6 [Tracheation, illustrated] :347, 348, 351; Pl. XXXIII, Figs. 15, 16 [Venation, illustrated]
- 1913 *Amphiscepa bivittata* Shelford, Bull. Geogr. Soc. Chicago **5**: 188, 199, 208, 292 [Ecology]²⁵
- 1914 *Acanalonia bivittata* Barber, Bull. American Mus. Nat. Hist. **33**: 528 [Listed]⁹
- 1914 *Amphiscepa bivittata* Kornhauser, Arch. Zellf. **12**: 247, 266, 272; Text figs. B-H [Spermatogenesis, illustrated]
- 1914 *Amphiscepa bivittata* Kornhauser, Contr. Mus. Comp. Zool. Harvard **244**: 247, 266, 272; Text figs. B-H [Spermatogenesis, illustrated]
- 1914 *Amphiscepa bivittata* Sirrine and Fulton, Bull. New York Agr. Exp. Sta. **377**: 93 [Listed]⁸
- 1915 *Amphiscepa bivittata* Metcalf, Jour. Elisha Mitchell Sci. Soc. **31**: 47 (15) [Listed]²⁶
- 1916 *Amphiscepa bivittata* Harvey, Jour. Morphology **28**: 41 [Cytology]

- 1916 *Poeciloptera bivittata* Harvey, Jour. Morphology **28**: 41 [Cytology]
- 1916 [*Acanalonia*] *bivittata* [sic] Van Duzee, Check List of Hemiptera of America North of Mexico **1916**: 81 [Listed]^{10, 27} Equals [*Acanalonia*] *malina* Germ. Equals [*Acanalonia*] *nana* Walk.
- 1917 *Amphiscepa bivittata* Scammell, Jour. Econ. Ent. **10**: 552; Pl. 29 [Economics, life history, illustrated]⁸
- 1917 *Amphiscepa bivittata* Scammell, Farmers' Bull. United States Dept. Agr. **860**: 35; Figs. 31–32 [Economics, illustrated]⁸
- 1917 *Acanalonia bivittata* Van Duzee, Catalogue of Hemiptera of America North of Mexico **1917**: 750 [Catalogued]^{2, 3, 7, 8, 9, 11, 12, 13, 14, 15, 17, 18, 20, 21, 22, 23, 26, 28, 29} Equals *Flata* [*bivittata* Say] Equals *Poeciloptera* [*bivittata* Walk.] Equals *Acanonia* [*bivittata* Stål] Equals *Amphiscepa* [*bivittata* Uhl.] Equals *Amphiscepa malina* Germ. Equals *Poeciloptera nana* Walk. Equals *Acanonia* [*nana* Stål]
- 1918 *Acanalonia bivittata* Fenton, Ohio Jour. Sci. **18**: 187 [Parasites]¹⁷
- 1918 *Acanalonia bivittata* Lutz, Field Book of Insects **1918**: 85; Pl. XXIII [Notes, illustrated]
- 1918 *Amphiscepa bivittata* Taylor, Ann. Ent. Soc. America **11**: 227 [Morphology of thorax]
- 1920 *Acanalonia bivittata* [sic] Bilsing, Ohio Jour. Sci. **20**: 255, 258 [Spiders as predators]
- 1920 [*Acanalonia*] *bivittata* Britton, Bull. Connecticut Geol. Nat. Hist. Surv. **31**: 46 [Listed]³⁰ Equals *Flata* [*bivittata* Say]
- 1920 *Acanalonia bivittata* Spooner, Ent. News **31**: 45, 46 [Ecology]²⁹
- 1921 *Acanalonia bivittata* Lutz, Field Book of Insects. Second Ed. **1921**: 85; Pl. XXIII [Notes, illustrated]
- 1921 *Acanalonia bivittata* Osborn, Florida Ent. **5**: 16 [Listed]⁹
- 1923 *Acanalonia bivittata* Balduf, Bull. Ohio Agr. Exp. Sta. **366**: 165 [Food plants]¹⁸
- 1923 *Amphiscepa bivittata* Melichar, Gen. Insect. **182**: 5; Pl. 1, Fig. fi2 [Catalogued, illustrated]^{6, 9} Equals *Flata bivittata* Say Equals *Acanonia bivittata* Stål Equals *Amphiscepa malina* Germ. Equals *Poeciloptera nana* Walk.
- 1923 A[*canalonia*] *bivittata* Metcalf, Jour. Elisha Mitchell Sci. Soc. **38**: 151; Pl. 38, Fig. 12; Pl. 48, Fig. 129; Pl. 66, Fig. 559 [Key, illustrated]²⁷: 190, 191 [Comparative notes]
- 1923 *Amphiscepa bivittata* Muir, Proc. Hawaiian Ent. Soc. **5**: 216 [Notes]: 241; Pl. VI, Fig. 31 [Morphology of male genitalia, illustrated]

- 1923 *Acanalonia bivittata* Olsen, Bull. Brooklyn Ent. Soc. **18**: 164 [Notes]^{8, 15}
- 1923 *A[canalonia] bivittata* Van Duzee, Bull. Connecticut Geol. Nat. Hist. Surv. **34**: 38; Pl. IV, Fig. 3 [Described, illustrated, key]^{1, 10, 30}
- 1924 *Flata bivittata* Sherborn, Index Animalium **4**: 799 [Catalogued]
- 1924 *Acanalonia bivittata* Weese, Illinois Biol. Monog. **9** (4):33 [Ecology]²⁵
- 1925 *Acanalonia bivittata* Handlirsch, Schröder's Handbuch der Entomologie **3** (17-18): 1110; Fig. 1007 [Tegmina illustrated]
- 1926 *Acanalonia bivittata* Van Zwaluwenburg, Jour. Econ. Ent. **19**: 669 [Listed]³¹
- 1927 *Amphiscepa bivittata* Depdolla, Schröder's Handbuch der Entomologie **1** (31-32): 952 [Spermatogenesis]
- 1928 *Acanalonia bivittata* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 108 [Key] :109; Fig. 25 [Described, ecology, catalogued, illustrated]^{2, 3, 7, 8, 9, 11, 12, 13, 14, 15, 17, 18, 20, 21, 22, 23, 26, 28, 29, 32} :14 [Ecology]³²
- 1928 *Acanalonia bivittata* Metcalf, Mem. Cornell Univ. Agr. Exp. Sta. **101**: 178 [Listed]^{15, 19, 33}
- 1928 *Amphiscepa malina* Sherborn, Index Animalium **15**: 3839 [Catalogued]
- 1930 *Acanalonia bivittata* Hendrickson, Iowa State Coll. Jour. Sci. **4**: 89, 167, 169 [Ecology]¹⁴
- 1930 *Acanalonia bivittata* Phipps, Bull. Maine Agr. Exp. Sta. **356**: 185 [Economics]^{1, 7, 9, 10, 11, 14, 18, 22, 23, 34} Equals *Amphiscepa* [*bivittata* Say]
- 1932 *Acanalonia bivittata* Doering, Ann. Ent. Soc. America **25**: 761 [Key] :766; Pls. I, III, IV [Described, illustrated, catalogued]^{2, 3, 7, 8, 9, 11, 12, 13, 14, 15, 17, 18, 20, 21, 22, 23, 26, 28, 29, 32, 35, 36, 37, 38} Equals *Amphiscepa* [*bivittata* Mel.] Equals *Flata* [*bivittata* Say] :768 [Comparative note]
- 1934 *Acanalonia bivittata* Heaton, Bull. Brooklyn Ent. Soc. **29**: 110 [Listed, food plants]³⁹
- 1937 *Amphiscepa bivittata* Shelford, Bull. Geogr. Soc. Chicago **5**: 188, 199, 208, 292 [Ecology]²⁵
- 1938 *A[canalonia] bivittata* Brimley, Insects of North Carolina **1938**: 101 [Listed]²⁶
- 1938 *Acanalonia bivittata* Osborn, Bull. Ohio Biol. Surv. **6**: 316; Figs. 26A, a-e [Described, illustrated, key]¹⁸
- 1939 *Acanalonia bivittata* Osborn, Meadow and Pasture Insects **1939**: 161 [Listed]

- 1943 *Acanalonia bivittata* Wray and Brimley, Ann. Ent. Soc. America **36**: 129 [Ecology]²⁶
- 1944 *Acanalonia [bivittata]* Fennah, Proc. Ent. Soc. Washington **46**: 186 [Tracheation] Equals *Amphiscepa bivittata* Say
- 1944 *Acanalonia bivittata* Smith, Rept. Kansas State Board Agr. **1943**: 179; Fig. 93 [Described, ecology, illustrated]¹³
- 1944 *Acanalonia bivittata* Thompson, Catalogue of parasites **1944**: 1 [Parasites]¹
- 1947 *Acanalonia bivittata* Dowdy, Ecology **28**: 429 [Ecology]²
- 1950 *Acanalonia bivittata* Tomlinson, Marucci, and Doehlert, Jour. Econ. Ent. **43**: 660 [Food plants]⁸
- 1951 *Acanalonia bivittata* Dowdy, Ecology **32**: 50 [Ecology]²
- 1951 *Acanalonia bivittata* Pesson, Traité de Zoologie **10**: 1414; Fig. 1239–4 [Venation of tegmina illustrated]
- 1951 *Acanalonia bivittata* Wade, Mem. Int. Soc. Sugar Cane Techn. **1**: 3 [Bibliography]

LOCALITIES: ¹ United States. ² Missouri. ³ Pennsylvania. ⁴ Kentucky. ⁵ Massachusetts. ⁶ North America. ⁷ Wisconsin. ⁸ New Jersey. ⁹ Florida. ¹⁰ Canada. ¹¹ Minnesota. ¹² Mexico. ¹³ Kansas. ¹⁴ Iowa. ¹⁵ New York. ¹⁶ West Virginia. ¹⁷ Arizona. ¹⁸ Ohio. ¹⁹ Staten Island. ²⁰ District of Columbia. ²¹ Virginia. ²² Texas. ²³ Arkansas. ²⁴ Morelos. ²⁵ Illinois. ²⁶ North Carolina. ²⁷ Eastern States. ²⁸ Ontario. ²⁹ Georgia. ³⁰ Connecticut. ³¹ Sinaloa. ³² Mississippi. ³³ Long Island. ³⁴ Maine. ³⁵ Alabama. ³⁶ South Carolina. ³⁷ Louisiana. ³⁸ Michigan. ³⁹ Indiana. ⁴⁰ Maryland. ⁴¹ Coahuila.

bivittata var. **rubescens** Melichar

- 1901 [*Amphiscepa bivittata*] *rubescens* Melichar, Ann. Nat. Hofmus. Wien **16**: 183 [n. var.]^{1, 2}
- 1916 [*Acanalonia bivittata*] *rubescens* Van Duzee, Check List of Hemiptera of America North of Mexico **1916**: 81 [Listed]
- 1917 [*Acanalonia bivittata*] *rubescens* Van Duzee, Catalogue of Hemiptera of America North of Mexico **1917**: 751 [Catalogued]^{2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20} Equals *Amphiscepa [bivittata rubescens* Mel.]
- 1923 *Amphiscepa bivittata rubescens* Melichar, Gen. Insect. **182**: 5 [Catalogued]
- 1928 *Acanalonia bivittata rubescens* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 109 [Described]²
- 1932 *Acanalonia bivittata rubescens* Doering, Ann. Ent. Soc. America **25**: 768 [Described, catalogued]
- 1934 *Acanalonia bivittata rubescens* Heaton, Bull. Brooklyn Ent. Soc. **29**: 111 [Listed]²¹

LOCALITIES: ¹ North America. ² Georgia. ³ Ontario. ⁴ New York. ⁵ New Jersey. ⁶ Pennsylvania. ⁷ District of Columbia. ⁸ Virginia. ⁹ North Carolina. ¹⁰ Florida. ¹¹ Ohio. ¹² Wisconsin. ¹³ Minnesota. ¹⁴ Iowa. ¹⁵ Kansas. ¹⁶ Missouri. ¹⁷ Arkansas. ¹⁸ Texas. ¹⁹ Arizona. ²⁰ Mexico. ²¹ Indiana.

brevifrons Muir

- 1924 *Acanalonia brevifrons* Muir, Proc. Hawaiian Ent. Soc. **5**: 467; Pl. XII, Figs. 5, 5a-b [n. sp., illustrated]¹
- 1929 *Acanalonia brevifrons* Osborn, Jour. Dept. Agr. Porto Rico **13**: 108 [Listed]¹
- 1930 *A[canalonia] brevifrons* Metcalf and Bruner, Psyche **37**: 408 [Comparative note]
- 1933 *Acanalonia brevifrons* Leonard, Jour. Dept. Agr. Puerto Rico **17**: 59 [Catalogued]¹
- 1935 *Acanalonia brevifrons* Osborn, Sci. Surv. Porto Rico and Virgin Islands **14**: 217 [Described, catalogued]¹
- 1936 *Acanalonia brevifrons* Wolcott, Jour. Agr. Univ. Puerto Rico **20**: 101 [Ecology]¹
- 1947 *Acanalonia brevifrons* Ramos, Jour. Agr. Univ. Puerto Rico **30**: 20 [Ecology]⁶
- 1949 *A[canalonia] brevifrons* Fennah, Psyche **56**: 60 [Comparative note]
- 1950 *Acanalonia brevifrons* Wolcott, Jour. Agr. Univ. Puerto Rico **32**: 135 [Listed]^{1, 6}
- 1951 *Acanalonia brevifrons* Caldwell and Martorell, Jour. Agr. Univ. Puerto Rico **34**: 261 [Key] :265; Pl. 52, 3 figs.; Pl. 53, 1 fig. [Described, ecology, illustrated, catalogued]^{1, 2, 3, 4, 5}

LOCALITIES: ¹ Puerto Rico. ² Virgin Islands. ³ St. Thomas. ⁴ St. Croix. ⁵ Anegada. ⁶ Mona Island.

caelata Fowler

- 1900 *Acanalonia caelata* Fowler, Biologia Centrali-Americana **1**: 47; Pl. 7, Figs. 3, 3a [n. sp., illustrated]¹
- 1901 *Acanalonia caelata* Melichar, Ann. Nat. Hofmus. Wien **16**: 184 [Key] :188 [Described, catalogued]^{1, 2}
- 1908 *A[canalonia] caelata* Schmidt, Zool. Anz. **32**: 516 [Comparative note]
- 1923 *A[canalonia] caelata* Melichar, Gen. Insect. **182**: 7 [Catalogued]¹

LOCALITIES: ¹ Guatemala. ² Central America.

calida Fowler

- 1904 *Amphiscepa calida* Fowler, Biologia Centrali-Americana **1**: 118; Pl. 12, Figs. 8, 8a [n. sp., illustrated]¹
- 1906 *Acanalonia [calida]* Melichar, Abh. Zool. Bot. Ges. Wien **3**: 215 [Catalogued] Equals *Amphiscepa calida* Fowl.

LOCALITIES: ¹ Mexico.

carinata Metcalf and Bruner

- 1930 *Acanalonia carinata* Metcalf and Bruner, *Psyche* **37**: 413;
Pl. 25 [n. sp., illustrated]¹ :416 [Comparative note]

LOCALITIES:¹ Cuba.

chloris Berg

- 1879 *A[canonia] chloris* Berg, *An. Soc. Cient. Argentina* **8**: 210
[n. sp.]^{1, 2, 3, 4, 5, 6, 7}
- 1879 *A[canonia] chloris* Berg, *Hemiptera Argentina* **1879**: 228
[n. sp.]^{1, 2, 3, 4, 5, 6, 7}
- 1901 *Acanalonia chloris* Melichar, *Ann. Nat. Hofmus. Wien* **16**:
184 [Key] :187 [Described, catalogued]⁸ Equals *Acanonia*
chloris Berg :186, 188 [Comparative notes]
- 1923 *Acanalonia chloris* Delétang, *An. Mus. Buenos Aires* **31**: 581
[Listed]²
- 1923 *A[canalonia] chloris* Melichar, *Gen. Insect.* **182**: 7 [Cata-
logued]⁸ Equals *Acanonia chloris* Berg
- 1940 *Acanalonia chloris* Müller, *Zoologica, Stuttgart* **36** (1-2):36,
37 [Symbionts]
- 1949 *Acanalonia chloris* Müller, *Biol. Centralbl.* **68**: 357 [Sym-
bionts]

LOCALITIES: ¹ Uruguay. ² Argentina. ³ Misiones Territory. ⁴ Corrientes.
⁵ Cordoba. ⁶ Mendoza. ⁷ Buenos Aires. ⁸ South America.

clarionensis Van Duzee

- 1933 *Acanalonia clarionensis* Van Duzee, *Proc. California Acad.*
Sci. (4) **21**: 38 [n. sp.]^{1, 2}
- 1940 *Acanalonia clarionensis* Essig and Usinger, *Pan-Pacific Ent.*
16: 166 [Catalogued]

LOCALITIES: ¹ Clarion Island. ² Socorro Island.

clypeata Van Duzee

- 1908 *Acanalonia clypeata* Van Duzee, *Proc. Acad. Nat. Sci. Phila-*
delphia **1907**: 496 [n. sp.]¹
- 1914 [*Acanalonia*] *clypeata* Van Duzee, *Trans. San Diego Soc.*
Nat. Hist. **2**: 42, 43 [Comparative notes]
- 1916 [*Acanalonia*] *clypeata* Van Duzee, *Check List of Hemiptera*
of America North of Mexico **1916**: 81 [Listed]²
- 1917 *Acanalonia clypeata* Van Duzee, *Catalogue of Hemiptera*
of America North of Mexico **1917**: 752 [Catalogued]^{1, 3}
- 1923 *A[canalonia] clypeata* Melichar, *Gen. Insect.* **182**: 8 [Cata-
logued]¹
- 1923 [*Acanalonia*] *clypeata* Van Duzee, *Proc. California Acad.*
Sci. (4) **12**: 195 [Comparative note]

- 1932 *Acanalonia clypeata* Doering, Ann. Ent. Soc. America **25**: 769; Pls. II, III, IV [Described, illustrated, catalogued, food plants]^{1, 3, 4, 5} :772, 773 [Comparative notes] :761 [Key]
 1933 [*Acanalonia*] *clypeata* Ball, Psyche **40**: 149 [Comparative notes]
 1940 [*Acanalonia*] *clypeata* Essig and Usinger, Pan-Pacific Ent. **16**: 166 [Catalogued]

LOCALITIES: ¹ Utah. ² Western States. ³ Nevada. ⁴ California. ⁵ Arizona.

coacta Schmidt

- 1908 *Acanalonia coacta* Schmidt, Zool. Anz. **32**: 517 [n. sp.]¹
 1923 *A[canalonia] coacta* Melichar, Gen. Insect. **182**: 8 [Catalogued]²

LOCALITIES: ¹ Peru. ² Ecuador.

complanata Walker

- 1851 *Poeciloptera complanata* Walker, List of Homopterous Insects **2**: 461 [n. sp.]¹
 1859 [*Poeciloptera*] *complanata* Dohrn, Catalogus Hemipterorum **1859**: 66 [Listed]¹
 1902 *Poeciloptera complanata* Melichar, Ann. Nat. Hofmus. Wien **17**: 227 [Described, catalogued]¹
 1910 *Acanalonia complanata* Distant, Ann. Mag. Nat. Hist. (8) **5**: 298 [Catalogued]¹ Equals *Poeciloptera complanata* Walk.
 1923 *A[canalonia] complanata* Melichar, Gen. Insect. **182**: 7 [Catalogued]¹
 1945 *A[canalonia] complanata* Fennah, Proc. United States Nat. Mus. **95**: 503 [Comparative note]

LOCALITIES: ¹ Locality unknown.

concinnula Fowler

- 1900 *Acanalonia concinnula* Fowler, Biologia Centrali-Americana **1**: 49; Pl. 7, Figs. 9, 9a [n. sp., illustrated]^{1, 2, 3}
 1901 *Acanalonia concinnula* Melichar, Ann. Nat. Hofmus. Wien **16**: 184 [Key] :187 [Described, catalogued]^{1, 4, 5}
 1916 [*Acanalonia*] *concinnula* Van Duzee, Check List of Hemiptera of America North of Mexico **1916**: 81 [Listed]⁶
 1917 *Acanalonia concinnula* Van Duzee, Catalogue of Hemiptera of America North of Mexico **1917**: 751 [Catalogued]^{1, 5}
 1923 *A[canalonia] concinnula* Melichar, Gen. Insect. **182**: 7 [Catalogued]^{1, 5}
 1923 *A[canalonia] concinnula* Metcalf, Jour. Elisha Mitchell Sci. Soc. **38**: 151; Pl. 48, Fig. 131 [Key, illustrated]⁷
 1932 *Acanalonia concinnula* Doering, Ann. Ent. Soc. America **25**: 781; Pls. II, III, IV [Described, illustrated, catalogued]^{1, 5}

1933 *Acanalonia concinnula* Ball, Psyche **40**: 150 [Notes, comparative notes]⁸

LOCALITIES: ¹ Mexico. ² Jalisco. ³ Guerrero. ⁴ Central America. ⁵ Texas. ⁶ Southwestern States. ⁷ Eastern States. ⁸ Florida.

conica Say

- 1830 *F[lata] conica* Say, Jour. Acad. Nat. Sci. Philadelphia **6**: 238 [n. sp.]¹
- 1850 *A[canonia] conica* Schaum, Allgemeine Encyklopädie Ersch und Gruber **51**: 71 [Catalogued]² Equals *Flata conica* Say :72 [Comparative note]
- 1852 *Poeciloptera* (?) *conica* Walker, List of Homopterous Insects **4**: 1140 [Catalogued]¹ Equals *Flata conica* Say
- 1859 *F[lata] conica* Say, Entomology of North America **2**: 373 [n. sp.]¹ Reprinted
- 1887 *Flata conica* Murtfeldt, Bull. United States Dept. Agr. Div. Ent. [o.s.] **13**: 61 [Economics, life history notes]³
- 1890 *F[lata] conica* Smith, Geological Survey of New Jersey **2** (2):438 [Listed]
- 1890 *Flata conica* Van Duzee, Psyche **5**: 389 [Listed]
- 1900 *Chlorochroa* [sic] *conica* Chittenden, Bull. United States Dept. Agr. Div. Ent. (n.s.) **22**: 98 [Economics]⁴ Equals *Flata* [*conica*]
- 1900 *Chlorochroa* [sic] *conica* Forbes, Rept. State Ent. Illinois **21**: 83; Fig. 13 [Economics, illustrated]⁵
- 1900 *Chlorochroa* [sic] *conica* Forbes and Hart, Bull. Illinois Agr. Exp. Sta. **60**: 431; Fig. 13 [Economics, illustrated]⁵
- 1900 *Acanalonia panimae* Fowler, Biologia Centrali-Americana **1**: 47; Pl. 7, Figs. 2, 2a [n. sp., illustrated]⁶
- 1901 *Chlorochroa* [sic] *conica* Howard, The Insect Book **1901**: 236 [Food plants]⁵
- 1901 *Acanalonia conica* Melichar, Ann. Nat. Hofmus. Wien **16**: 184 [Key] :189; Pl. 1, Fig. 7 [Described, catalogued, illustrated]^{2, 5, 7, 8, 9} Equals *Acanalonia paminæ* [sic] Fowl. (?) Equals *Amphiscepa conica* Say :190, 191 [Comparative notes]
- 1904 *Chlorochara conica* Osborn, Ohio Nat. **4**: 100 [Listed]¹⁰
- 1904 *Chlorochara conica* Swezey, Preliminary Catalogue of Fulgoridae of North America **1904**: 7 [Catalogued, food plants]^{1, 3, 5, 10, 11, 12, 13, 14, 15} Equals *Flata conica* Say
- 1905 *Chlorochara conica* Forbes, Rept. State Ent. Illinois **23**: 203; Fig. 209 [Economics, illustrated]^{5, 10, 11, 13, 14}
- 1911 *Chlorochara conica* Gossard, Jour. Econ. Ent. **4**: 209 [Food plants]¹⁰

- 1913 *Chlorochroa* [sic] *conica* Reh, Handbuch der Pflanzenkrankheiten **3**: 645 [Economics]² Equals *Acanalonia* [*conica* Say]
- 1915 *Flata conica* Garman, Bien. Rept. Kentucky For. **2**: 57 [Ecology]⁷
- 1915 *Acanalonia conica* Metcalf, Jour. Elisha Mitchell Sci. Soc. **31**: 46 (14) [Listed]¹⁶
- 1916 [*Acanalonia*] *conica* Van Duzee, Check List of Hemiptera of America North of Mexico **1916**: 82 [Listed]¹⁷ Equals [*Acanalonia*] *panimae* Fowl. (?)
- 1917 *Acanalonia conica* Van Duzee, Catalogue of Hemiptera of America North of Mexico **1917**: 752 [Catalogued]^{1, 3, 5, 7, 8, 10, 12, 13, 14, 15, 16} Equals *Flata* [*conica* Say] Equals *Chlorochara* [*conica* Forbes and Hart] Equals [*Acanalonia*] *panimae* Fowl. (?)
- 1920 *Acanalonia conica* Spooner, Ent. News **31**: 45 [Ecology]¹⁸
- 1921 *Acanalonia conica* Osborn, Florida Ent. **5**: 17 [Listed]¹⁹
- 1923 A[*canalonia*] *conica* Melichar, Gen. Insect. **182**: 7 [Catalogued]^{5, 7, 8, 9} Equals *Amphiscepa conica* Say Equals *Acanalonia paminae* [sic] Fowl.
- 1923 A[*canalonia*] *conica* Metcalf, Jour. Elisha Mitchell Sci. Soc. **38**: 150; Pl. 48, Figs. 124, 125; Pl. 62, Fig. 462 [Key, illustrated]²⁰
- 1923 A[*canalonia*] *conica* Van Duzee, Bull. Connecticut Geol. Nat. Hist. Surv. **34**: 38 [Described, key]^{10, 13, 14}
- 1924 *Acanalonia conica* Weese, Illinois Biol. Monog. **9** (4):32 [Ecology]⁵
- 1925 *Flata conica* Sherborn, Index Animalium **7**: 1467 [Catalogued]
- 1928 *Acanalonia conica* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 111 [Described, food plants, catalogued]^{1, 3, 5, 7, 8, 10, 12, 13, 14, 15, 16, 21} Equals *Amphiscepa* [*conica* Say] :108 [Key]
- 1931 *Acanalonia* [sic] *conica* Neiswander, Bull. Ohio Agr. Exp. Sta. **473**: 55 [Food plants]⁵ Equals *Chlorochroa* [sic] [*conica* Say]
- 1932 *Acanalonia conica* Doering, Ann. Ent. Soc. America **25**: 768; Pls. II, III, IV [Described, illustrated, catalogued, food plants]^{1, 3, 5, 7, 8, 10, 12, 13, 14, 15, 16, 18, 19, 21, 22, 23, 24} Equals *Flata* [*conica* Say] :761 [Key] :770 [Comparative note]
- 1933 [*Acanalonia*] *conica* Van Duzee, Proc. California Acad. Sci. (4) **21**: 38 [Comparative note]
- 1934 *Acanalonia conica* Heaton, Bull. Brooklyn Ent. Soc. **29**: 111 [Food plants]¹

- 1935 *Acanalonia conica* Manns and Manns, Bull. Delaware Agr. Exp. Sta. **192**: 44; Pl. I, Fig. K [Economics, illustrated]²⁵
- 1937 *Acanalonia conica* Fletcher, Jour. Econ. Ent. **30**: 864 [Food plants]¹³
- 1938 *A[canalonia] conica* Brimley, Insects of North Carolina **1938**: 101 [Listed]¹⁶
- 1938 *Acanalonia conica* Osborn, Bull. Ohio Biol. Surv. **6**: 316 Figs. 26B, a-e [Described, illustrated, key]¹⁰
- 1942 *Acanalonia conica* Hoffmann, Misc. Publ. United States Dept. Agr. **466**: 5 [Oviposition]²⁶
- 1942 *Acanalonia conica* Manns, Bull. Delaware Agr. Exp. Sta. **236**: 35; Fig. 11K [Food plants, illustrated]²⁵
- 1947 *Acanalonia conica* Dowdy, Ecology **28**: 429 [Ecology]³
- LOCALITIES: ¹ Indiana. ² North America. ³ Missouri. ⁴ Nebraska. ⁵ Illinois. ⁶ Guatemala. ⁷ Kentucky. ⁸ Louisiana. ⁹ Carolina. ¹⁰ Ohio. ¹¹ Iowa. ¹² Arkansas. ¹³ Texas. ¹⁴ Virginia. ¹⁵ Mississippi. ¹⁶ North Carolina. ¹⁷ Southern States. ¹⁸ Georgia. ¹⁹ Florida. ²⁰ Eastern States. ²¹ Tennessee. ²² Kansas. ²³ Alabama. ²⁴ Maryland. ²⁵ Delaware. ²⁶ United States.

coniceps Osborn. See *Chlorochara vivida coniceps* Osborn.

decens Stål

- 1864 *Acanonia decens* Stål, Stett. Ent. Zeit. **25**: 56 [n. sp.]¹
- 1900 *Acanalonia decens* Fowler, Biologia Centrali-Americana **1**: 46 [Note]^{1, 2, 3} Equals *Acanonia decens* Stål :47 [Comparative note]
- 1901 *Acanalonia decens* Melichar, Ann. Nat. Hofmus. Wien **16**: 184 [Key] :189 [Described, catalogued]^{1, 3, 4} Equals *Acanonia decens* Stål
- 1908 *A[canalonia] decens* Schmidt, Zool. Anz. **32**: 518 [Comparative note]
- 1923 *A[canalonia] decens* Melichar, Gen. Insect. **182**: 7 [Catalogued]^{1, 3} Equals *Acanonia decens* Stål
- 1933 [*Acanalonia] decens* Van Duzee, Proc. California Acad. Sci. (4) **21**: 39 [Comparative note]
- 1945 *A[canalonia] decens* Fennah, Proc. United States Nat. Mus. **95**: 504 [Comparative note]
- LOCALITIES: ¹ Mexico. ² Guerrero. ³ Guatemala. ⁴ Central America.

delicatula Fowler

- 1900 *Acanalonia delicatula* Fowler, Biologia Centrali-Americana **1**: 49; Pl. 7, Fig. 8 [n. sp., illustrated]¹
- 1901 *Acanalonia delicatula* Melichar, Ann. Nat. Hofmus. Wien **16**: 184 [Key] :188 [Described, catalogued]^{1, 2} :187 [Comparative note]

- 1908 [*Acanalonia*] *delicatula* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia **1907**: 496 [Comparative note]
 1923 *A[canalonia] delicatula* Melichar, Gen. Insect. **182**: 7 [Catalogued]^{1, 3}
 1932 [*Acanalonia*] *delicatula* Doering, Ann. Ent. Soc. America **25**: 771, 772; Pl. III [Comparative note, illustrated]
 LOCALITIES: ¹ Panama. ² Central America. ³ Uruguay.

depressa Melichar

- 1901 *Acanalonia depressa* Melichar, Ann. Nat. Hofmus. Wien **16**: 190; Pl. 1, Fig. 6 [n. sp., illustrated, comparative note]^{1, 2} :185 [Key]
 1923 *A[canalonia] depressa* Melichar, Gen. Insect. **182**: 7 [Catalogued]²
 1930 *A[canalonia] depressa* Metcalf and Bruner, Psyche **37**: 408 [Comparative note]
 1949 *Acanalonia depressa* Fennah, Psyche **56**: 52 [Listed] :59; Pl. 4, Figs. 18-19 [Described, illustrated, catalogued]³
 LOCALITIES: ¹ America. ² Saint Jean. ³ Jost Van Dyke Island.

dubia Fowler

- 1900 *Acanalonia dubia* Fowler, Biologia Centrali-Americana **1**: 46; Pl. 7, Figs. 1, 1a [n. sp., illustrated]^{1, 2, 3, 4, 5, 6} :47 [Comparative notes]
 1901 *Acanalonia dubia* Melichar, Ann. Nat. Hofmus. Wien **16**: 184 [Key] :190 [Described, catalogued]^{1, 5, 6, 7}
 1923 *A[canalonia] dubia* Melichar, Gen. Insect. **182**: 7 [Catalogued]^{1, 5, 6}
 LOCALITIES: ¹ Mexico. ² Guadalajara. ³ Vera Cruz. ⁴ Tabasco. ⁵ Guatemala. ⁶ Panama. ⁷ Central America.

ecuadoriensis Schmidt

- 1908 *Acanalonia ecuadoriensis* Schmidt, Zool. Anz. **32**: 518 [n. sp.]¹
 1923 [*Acanalonia*] *ecuadoriensis* Melichar, Gen. Insect. **182**: 8 [Catalogued]¹
 LOCALITIES: ¹ Ecuador.

excavata Van Duzee

- 1933 *Acanalonia excavata* Van Duzee, Proc. California Acad. Sci. (4) **21**: 38 [n. sp.]¹
 1940 [*Acanalonia*] *excavata* Essig and Usinger, Pan-Pacific Ent. **16**: 166 [Catalogued]
 LOCALITIES: ¹ Nicaragua

fasciata Metcalf

- 1923 *Acanalonia fasciata* Metcalf, Jour. Elisha Mitchell Sci. Soc. **38**: 190; Pl. 48, Fig. 127; Pl. 66, Fig. 558 [n. sp., illustrated]^{1, 2} :150 [Listed] :151 [Key]

- 1932 *Acanalonia fasciata* Doering, Ann. Ent. Soc. America **25**: 765; Pls. I, III, IV [Described, illustrated, catalogued]^{1, 2, 3} :761 [Key] :767, 782 [Comparative notes]
 1933 [*Acanalonia*] *fasciata* Ball, Psyche **40**: 150 [Comparative notes]

LOCALITIES: ¹ Texas. ² Arizona. ³ Utah.

floreola Stål. See *Acanalonia umbraculata* Fabricius.

fulva Schmidt (var.). See *Acanalonia ohausi* var. *fulva* Schmidt.

gaumeri Fowler

- 1900 *Acanalonia gaumeri* Fowler, Biologia Centrali-Americana **1**: 48; Pl. 7, Fig. 6 [n. sp., illustrated]^{1, 2}

LOCALITIES: ¹ Honduras. ² Roatán Island.

grandicella Doering

- 1932 *Acanalonia grandicella* Doering, Ann. Ent. Soc. America **25**: 771; Pls. II, III, IV [n. sp., illustrated]^{1, 2} :761 [Key] :770 [Comparative note]

LOCALITIES: ¹ California. ² Arizona.

gundlachi Metcalf and Bruner

- 1930 *Acanalonia gundlachi* Metcalf and Bruner, Psyche **37**: 415; Pl. 22 [n. sp., illustrated]¹

- 1951 [*Acanalonia*] *gundlachi* Caldwell and Martorell, Jour. Agr. Univ. Puerto Rico **34**: 262 [Comparative note]¹

LOCALITIES: ¹ Cuba.

hadesensis Caldwell

- 1938 *Acanalonia hadesensis* Caldwell, Ohio Jour. Sci. **38**: 305 [n. sp.]¹

LOCALITIES: ¹ Texas.

humeralis Caldwell

- 1947 *Acanalonia humeralis* Caldwell, Bull. Brooklyn Ent. Soc. **41**: 164 (1) [n. sp.]^{1, 2}

LOCALITIES: ¹ Mexico. ² Coahuila.

immaculata Kirkaldy

- 1907 *Amphiscepa immaculata* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **4**: 65 [n. sp.]¹ :60 [Listed]

- 1913 *Amphiscepa immaculata* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **12**: 19 [Listed]^{1, 2}

- 1916 [*Acanalonia*] *immaculata* Van Duzee, Check List of Hemiptera of America North of Mexico **1916**: 81 [Listed]³

- 1917 *Acanalonia immaculata* Van Duzee, Catalogue of Hemiptera of America North of Mexico **1917**: 751 [Catalogued]^{1, 4} Equals *Amphiscepa* [*immaculata* Kirk.]

- 1918 *Acanalonia immaculata* Fenton, Ohio Jour. Sci. **18**: 187 [Parasites]¹

- 1923 *Amphiscepa immaculata* Melichar, Gen. Insect. **182**: 5 [Catalogued]¹
- 1923 *A[canalonia] immaculata* Metcalf, Jour. Elisha Mitchell Sci. Soc. **38**: 151; Pl. 48, Fig. 132 [Key, illustrated]⁵
- 1932 *Acanalonia immaculata* Doering, Ann. Ent. Soc. America **25**: 774; Pls. I, III, IV [Described, catalogued, illustrated]^{1, 4}: 762 [Key]
- 1935 *Acanalonia immaculata* Esaki and Hashimoto, Publ. Kyushu Imp. Univ. Ent. Lab. **6**: 21 [Listed]
- 1944 *Acanalonia immaculata* Thompson, Catalogue of parasites **1944**: 1 [Parasites]⁶
- 1947 [*Acanalonia*] *immaculata* Caldwell, Bull. Brooklyn Ent. Soc. **41**: 164 (1) [Comparative note]

LOCALITIES: ¹ Arizona. ² Vera Cruz. ³ Southwestern States. ⁴ Mexico. ⁵ Eastern United States. ⁶ United States.

impressa Metcalf and Bruner

- 1930 *Acanalonia impressa* Metcalf and Bruner, Psyche **37**: 408; Pls. 21, 22, 25 [n. sp., food plants, illustrated]¹
- 1949 *A[canalonia] impressa* Fennah, Psyche **56**: 60 [Comparative note]
- 1951 *Acanalonia impressa* Caldwell and Martorell, Jour. Agr. Univ. Puerto Rico **34**: 267 [Comparative note]¹

LOCALITIES: ¹ Cuba.

inclinata Melichar

- 1901 *Acanalonia inclinata* Melichar, Ann. Nat. Hofmus. Wien **16**: 190 [n. sp.]^{1, 2}: 185 [Key]
- 1905 *Acanalonia inclinata* Fowler, Biologia Centrali-Americana **1**: 146 [Catalogued]²
- 1923 *A[canalonia] inclinata* Melichar, Gen. Insect. **182**: 7 [Catalogued]²

LOCALITIES: ¹ Central America. ² Honduras.

insularis Metcalf and Bruner

- 1930 *Acanalonia insularis* Metcalf and Bruner, Psyche **37**: 416; Pl. 25 [n. sp., illustrated]¹

LOCALITIES: ¹ Isle of Pines.

invenusta Doering

- 1932 *Acanalonia invenusta* Doering, Ann. Ent. Soc. America **25**: 775; Pls. II, III, IV [n. sp., illustrated]^{1, 2}: 762 [Key] :777, 781, 782 [Comparative notes]

LOCALITIES: ¹ New Mexico. ² Texas.

lata Walker. See *Acanalonia servillei* Spinola.

laticosta Doering

- 1932 *Acanalonia laticosta* Doering, Ann. Ent. Soc. America **25**: 779; Pls. II, III, IV [n. sp., illustrated, food plants]¹ :781 [Comparative note] :762 [Key]
- 1933 [*Acanalonia*] *laticosta* Ball, Psyche **40**: 150 [Comparative notes]

LOCALITIES: ¹ Texas.

latifrons Walker

- 1851 *Poeciloptera latifrons* Walker, List of Homopterous Insects **2**: 457 [n. sp.]¹
- 1859 [*Poeciloptera*] *latifrons* Dohrn, Catalogus Hemipterorum **1859**: 66 [Listed]¹
- 1862 *Acanonia* [*latifrons*] Stål, Öfv. Svenska Vet. Akad. Förh. **19**: 491 Equals *P[oe]ciloptera latifrons* Walk.
- 1901 *Acanalonia latifrons* Melichar, Ann. Nat. Hofmus. Wien **16**: 184 [Key] :186 [Described, catalogued]^{1, 2, 3} Equals *Poeciloptera latifrons* Walk.
- 1909 *Acanalonia latifrons* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **9**: 192 [Notes]⁴
- 1913 *Acanalonia latifrons* Metcalf, Ann. Ent. Soc. America **6**: 351; Pl. XXXIII, Fig. 17 [Venation, illustrated]
- 1914 *Acanalonia latifrons* Barber, Bull. American Mus. Nat. Hist. **33**: 528 [Listed]⁴
- 1915 *Acanalonia latifrons* Metcalf, Jour. Elisha Mitchell Sci. Soc. **31**: 46 (14) [Listed]⁵
- 1916 [*Acanalonia*] *latifrons* Van Duzee, Check List of Hemiptera of America North of Mexico **1916**: 81 [Listed]⁶
- 1917 *Acanalonia latifrons* Van Duzee, Catalogue of Hemiptera of America North of Mexico **1917**: 751 [Catalogued]^{1, 3, 4, 5} Equals *Poeciloptera* [*latifrons* Walk.] Equals *Acanonia* [*latifrons* Stål]
- 1921 *Acanalonia latifrons* Osborn, Florida Ent. **5**: 17 [Listed]⁴
- 1923 *A[canalonia] latifrons* Melichar, Gen. Insect. **182**: 7 [Catalogued]^{1, 3, 4} Equals *Poeciloptera latifrons* Walk.
- 1923 *A[canalonia] latifrons* Metcalf, Jour. Elisha Mitchell Sci. Soc. **38**: 151; Pl. 48, Fig. 133; Pl. 63, Fig. 497 [Key, illustrated]⁷
- 1928 *Acanalonia latifrons* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 108 [Described, catalogued, key]^{1, 3, 4, 5, 8} Equals *Poeciloptera* [*latifrons* Walk.]
- 1930 *Acanalonia latifrons* Metcalf and Bruner, Psyche **37**: 407 [Comparative note]

- 1932 *Acanalonia latifrons* Doering, Ann. Ent. Soc. America **25**: 761 [Key] :762; Pls. I, III, IV [Described, illustrated, catalogued]^{1, 3, 4, 5, 8, 9, 10} Equals *Poeciloptera [latifrons* Walk.] :765 [Comparative note]
- 1933 *Acanalonia latifrons* Ball, Psyche **40**: 149 To *Acanalonia servillei* Spin. [error]
- 1938 *A[canalonia] latifrons* Brimley, Insects of North Carolina **1938**: 101 [Listed]⁵
- 1938 *Acanalonia latifrons* Spooner, Univ. Illinois Bull. **35** (70):9; Pl. I, Fig. 18; Pl. IV, Fig. 57; Pl. V, Fig. 90 [Morphology of head, illustrated]
- 1947 [*Acanalonia] latifrons* Caldwell, Bull. Brooklyn Ent. Soc. **41**: 165 (2) [Comparative note]

LOCALITIES: ¹ Louisiana. ² North America. ³ Georgia. ⁴ Florida. ⁵ North Carolina. ⁶ Southern States. ⁷ Eastern States. ⁸ Mississippi. ⁹ South Carolina. ¹⁰ Pennsylvania.

laurifolia Walker

- 1858 *Poeciloptera laurifolia* Walker, List of Homopterous Insects. Supplement **1858**: 117 [n. sp.]¹
- 1862 *Acanonia [laurifolia]* Stål, Öfv. Svenska Vet. Akad. Förh. **19**: 491 Equals *P[oeeciloptera] laurifolia* Walk.
- 1901 *Poeciloptera laurifolia* Melichar, Ann. Nat. Hofmus. Wien **16**: 186 To *Acanalonia servillei* Spin. [error]
- 1910 *Acanalonia laurifolia* Distant, Ann. Mag. Nat. Hist. (8) **5**: 298 [Notes, catalogued]² Equals *Poeciloptera laurifolia* Walk. Equals *Acanalonia servillei* Mel. (in part.)
- 1923 *A[canalonia] laurifolia* Melichar, Gen. Insect. **182**: 7 [Catalogued]² Equals *Poeciloptera laurifolia* Walk. Equals *Acanalonia servillei* Mel. (in part.)
- 1930 *Acanalonia laurifolia* Metcalf and Bruner, Psyche **37**: 407 [Listed]³

LOCALITIES: ¹ Rio de Janeiro. ² Amazonas. ³ South America.

lineata Metcalf and Bruner

- 1930 *Acanalonia lineata* Metcalf and Bruner, Psyche **37**: 411; Pl. 25 [n. sp., illustrated]¹ :416 [Comparative note]

LOCALITIES: ¹ Cuba.

malina Germar. See *Acanalonia bivittata* Say.

maricensis Caldwell and Martorell. See *Batusa agilis maricensis* Caldwell and Martorell.

mollicula Van Duzee

- 1914 *Acanalonia mollicula* Van Duzee, Trans. San Diego Soc. Nat. Hist. **2**: 42 [n. sp.]¹

- 1916 [*Acanalonia*] *mollicula* Van Duzee, Check List of Hemiptera of America North of Mexico **1916**: 81 [Listed]²
 1917 *Acanalonia mollicula* Van Duzee, Catalogue of Hemiptera of America North of Mexico **1917**: 751 [Catalogued]¹
 1932 *Acanalonia mollicula* Doering, Ann. Ent. Soc. America **25**: 772; Pls. II, III, IV [Described, illustrated, catalogued]¹:761 [Key] :769, 770 [Comparative notes]
 1933 *Acanalonia mollicula* Ball, Psyche **40**: 150 [Notes]^{1, 3, 4, 5}
 1940 [*Acanalonia*] *mollicula* Essig and Usinger, Pan-Pacific Ent. **16**: 166 [Catalogued]

LOCALITIES: ¹ California. ² Pacific States. ³ Utah. ⁴ Nevada. ⁵ Arizona.

nana Walker. See *Acanalonia bivittata* Say.

ohausi Schmidt

- 1908 *Acanalonia ohausi* Schmidt, Zool. Anz. **32**: 516 [n. sp.]¹
 1923 *A[canalonia] ohausi* Melichar, Gen. Insect. **182**: 8 [Catalogued]¹

LOCALITIES: ¹ Ecuador.

ohausi var. **fulva** Schmidt

- 1908 [*Acanalonia ohausi*] *fulva* Schmidt, Zool. Anz. **32**: 516 [n. var.]¹

LOCALITIES: ¹ Ecuador.

paminae. Typographical error for *Acanalonia panimae* Fowler. See *Acanalonia conica* Say.

panimae Fowler. See *Acanalonia conica* Say.

parva Doering

- 1932 *Acanalonia parva* Doering, Ann. Ent. Soc. America **25**: 780; Pls. II, III, IV [n. sp., illustrated]¹ :762 [Key]
 1950 *Acanatonia* [sic] *parva* Stroud, American Mid. Nat. **44**: 665 [Ecology]²

LOCALITIES: ¹ Texas. ² New Mexico.

pinniformis Fowler. See *Batusa pinniformis* Fowler.

plana Van Duzee

- 1907 *Amphiscepa plana* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **8** (5):37 [n. sp.]¹
 1923 *Amphiscepa plana* Melichar, Gen. Insect. **182**: 5 [Catalogued]¹
 1940 *Amphiscepa plana* Essig and Usinger, Pan-Pacific Ent. **16**: 166 [Catalogued]

LOCALITIES: ¹ Jamaica.

planata Ball

- 1933 *Acanalonia planata* Ball, Psyche **40**: 150 [n. sp.]¹

LOCALITIES: ¹ Texas.

producta Stål. See *Batusa producta* Stål.

puella Van Duzee

- 1923 *Acanalonia puella* Van Duzee, Proc. California Acad. Sci. (4) **12**: 194 [n. sp.]¹
 1940 [*Acanalonia*] *puella* Essig and Usinger, Pan-Pacific Ent. **16**: 166 [Catalogued]

LOCALITIES: ¹ Sonora.

pumila Van Duzee

- 1908 *Amphiscepa pumila* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia **1907**: 495 [n. sp.]¹
 1909 *Amphiscepa pumila* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **9**: 192 [Notes, ecology]¹
 1909 *Amphiscepa pumila* Van Duzee, Canadian Ent. **41**: 127 [Ecology]^{1, 2}
 1914 *Acanalonia pumila* Barber, Bull. American Mus. Nat. Hist. **33**: 528 [Listed]¹
 1916 [*Acanalonia*] *pumila* Van Duzee, Check List of Hemiptera of America North of Mexico **1916**: 81 [Listed]³
 1917 *Acanalonia pumila* Van Duzee, Catalogue of Hemiptera of America North of Mexico **1917**: 751 [Catalogued]^{1, 2} Equals *Amphiscepa* [*pumila* Van D.]
 1920 *Acanalonia pumila* Metcalf and Osborn, Ann. Ent. Soc. America **13**: 112 [Ecology]⁴
 1921 *Acanalonia pumila* Osborn, Florida Ent. **5**: 17 [Listed]¹
 1923 *Amphiscepa pumila* Melichar, Gen. Insect. **182**: 5 [Catalogued]¹
 1923 [*Acanalonia*] *pumila* Metcalf, Jour. Elisha Mitchell Sci. Soc. **38**: 150; Pl. 47, Fig. 118; Pl. 48, Fig. 126 [Key, illustrated]⁵
 1928 *Acanalonia pumila* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 108 [Key] :109 [Described, ecology, catalogued]^{1, 4} Equals *Amphiscepa* [*pumila* Van D.]
 1928 *Acanalonia pumila* Ogilvie, The Insects of Bermuda. **1928**: 20 [Food plants]²
 1930 *Acanalonia pumila* Metcalf and Bruner, Psyche **37**: 408; Pl. 21 [Nymph described, illustrated] :408; Pl. 25 [Described, illustrated]^{1, 2, 4, 6, 7}
 1932 *Acanalonia pumila* Doering, Ann. Ent. Soc. America **25**: 778; Pls. I, III, IV [Described, illustrated, ecology, catalogued]^{1, 4} Equals *Amphiscepa* [*pumila* Van D.] :762 [Key] :780, 781 [Comparative notes]
 1938 [*Acanalonia*] *pumila* Brimley, Insects of North Carolina **1938**: 101 [Listed]⁴
 1940 [*Amphiscepa*] *pumila* Essig and Usinger, Pan-Pacific Ent. **16**: 166 [Catalogued]

- 1941 *Acanalonia pumila* Waterston, A List of Food-plants of some Bermuda Insects **1941**: 10 [Food plants]²
 1947 *Acanalonia pumila* Ramos, Jour. Agr. Univ. Puerto Rico **30**: 20 [Ecology]⁸
 1950 *Acanalonia pumila* Wolcott, Jour. Agr. Univ. Puerto Rico **32**: 136 [Notes, ecology]⁸

LOCALITIES: ¹ Florida. ² Bermuda. ³ Southern States. ⁴ North Carolina.
⁵ Eastern United States. ⁶ Cuba. ⁷ Isle of Pines. ⁸ Mona Island.

quadrata Walker. See *Acanalonia servillei* Spinola.

robusta Walker. See *Acanalonia servillei* Spinola.

rubescens Melichar (var.) See *Acanalonia bivittata* var. *rubescens* Melichar.

saltonia Ball

- 1933 *Acanalonia saltonia* Ball, Psyche **40**: 149 [n. sp.]¹

LOCALITIES: ¹ California.

servillei Spinola

- 1839 *Acanalonia servillei* Spinola, Ann. Soc. Ent. France **8**: 448; Pl. 16, Figs. 2A–C [n. sp., illustrated]¹
 1840 [*Acanalonia*] *servillei* Duponchel, Rev. Zool. **2**: 205 [Listed]¹
 1843 *Acanonia servillei* Amyot and Serville, Histoire Naturelle des Insectes. Hémiptères **1843**: 520 [Described, catalogued]¹ Equals *Acanalonia servillei* Spin.
 1850 A[*canonia*] *servillei* Schaum, Allgemeine Encyclopädie Ersch und Gruber **51**: 71 [Catalogued]² :72 [Comparative note]
 1851 *Poeciloptera lata* Walker, List of Homopterous Insects **2**: 462 [n. sp.]³
 1851 *Poeciloptera quadrata* Walker, List of Homopterous Insects **2**: 460 [n. sp.]⁴
 1851 *Poeciloptera robusta* Walker, List of Homopterous Insects **2**: 449 [n. sp.]⁴
 1851 *Acanalonia servillei* Walker, List of Homopterous Insects **2**: 471 [Catalogued]¹ Equals *Acanonia servillei* Amy. and Serv.
 1856 *Flata servillei* Guérin-Ménéville, Historia de la Isla de Cuba **7**: 181 [Described]^{5, 6, 7} Equals *Acanonia* [*servillei* Spin.]
 1857 *Flata servillei* Guérin-Ménéville, Histoire de l'Île de Cuba **1857**: 431 [Described]^{5, 6, 7} Equals *Acanonia* [*servillei* Spin.]
 1859 [*Poeciloptera*] *lata* Dohrn, Catalogus Hemipterorum **1859**: 66 [Listed]³
 1859 [*Poeciloptera*] *quadrata* Dohrn, Catalogus Hemipterorum **1859**: 66 [Listed]⁴
 1859 [*Poeciloptera*] *robusta* Dohrn, Catalogus Hemipterorum **1859**: 66 [Listed]⁴

- 1859 [*Acanalonia*] *servillei* Dohrn, Catalogus Hemipterorum **1859**: 67 [Listed]²
- 1862 *Acanonia* [*lata*] Stål, Öfv. Svenska Vet. Akad. Förh. **19**: 491 Equals *P[oeciloptera] lata* Walk.
- 1862 *Acanonia* [*quadrata*] Stål, Öfv. Svenska Vet. Akad. Förh. **19**: 491 Equals *P[oeciloptera] quadrata* Walk.
- 1862 *Acanonia* [*robusta*] Stål, Öfv. Svenska Vet. Akad. Förh. **19**: 491 Equals *P[oeciloptera] robusta* Walk.
- 1890 *Acononia* [sic] *servillei* Smith, Geological Survey of New Jersey **2** (2):437 [Listed]
- 1895 *Acanonia servillei* Uhler, Proc. Zool. Soc. London **1895**: 73 [Listed]^{6, 8, 9}
- 1901 *Acanalonia servillei* Melichar, Ann. Nat. Hofmus. Wien **16**: 186 [Described, catalogued]^{4, 6, 9, 10, 11} Equals *Poeciloptera lata* Walk. Equals *Poeciloptera laurifolia* Walk. [error] Equals *Poeciloptera quadrata* Walk. Equals *Poeciloptera robusta* Walk. :184 [Key] :185, 189 [Comparative note]
- 1904 *Acanonia servillei* Swezey, Preliminary Catalogue of Fulgoridae of North America **1904**: 7 [Catalogued]^{1, 9} Equals *Acanalonia servillei* Spin.
- 1907 *Acanalonia servillei* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **8** (5):38 [Notes]⁴
- 1909 [*Acanalonia*] *servillei* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **9**: 192 [Comparative note]⁴
- 1910 [*Acanalonia*] *servillei* Distant, Ann. Mag. Nat. Hist. (8) **5**: 298 [Comparative note]
- 1910 *Acanomia* [sic] *sermibler* [sic] Valdés Ragués, An. Acad. Cien. Habana **46**: 442 [Notes]⁶
- 1914 *Acanalonia servillei* Barber, Bull. American Mus. Nat. Hist. **33**: 528 [Listed]⁹
- 1914 *Acanomia* [sic] *servillei* Valdés Ragués, Zoologia Museo Cubano "Gundlach" Catalogo General **1914**: 103 [Listed]⁶
- 1916 [*Acanalonia*] *servillei* Van Duzee, Check List of Hemiptera of America North of Mexico **1916**: 81 [Listed]¹² Equals [*Acanalonia*] *lata* Walk. Equals [*Acanalonia*] *quadrata* Walk. Equals [*Acanalonia*] *robusta* Walk.
- 1917 *Acanalonia servillei* Van Duzee, Catalogue of Hemiptera of America North of Mexico **1917**: 751 [Catalogued]^{1, 9} Equals *Acanonia* [*lata* Stål] Equals *Acanonia* [*quadrata* Stål] Equals *Acanonia* [*robusta* Stål] Equals *Acanonia* [*servillei* Amy. and Serv.] Equals *Poeciloptera lata* Walk. Equals *Poeciloptera quadrata* Walk. Equals *Poeciloptera robusta* Walk.

- 1921 *Acanalonia servillei* Osborn, Florida Ent. **5**: 17 [Listed]⁹
- 1923 *A[canalonia] servillei* Melichar, Gen. Insect. **182**: 7 [Catalogued]^{1, 4, 6, 9, 11} Equals *Acanalonia servillei* Amy. and Serv. Equals *Poeciloptera lata* Walk. Equals *Poeciloptera quadrata* Walk. Equals *Poeciloptera robusta* Walk.
- 1923 *A[canalonia] servillei* Metcalf, Jour. Elisha Mitchell Sci. Soc. **38**: 151; Pl. 48, Figs. 128, 134, 135 [Key, Illustrated]¹³
- 1926 *Acanalonia servillei* Gowdey, Ent. Bull. Dept. Agr. Jamaica **4** (1):40 [Catalogued]⁴
- 1926 *Acanalonia servillei* Osborn, Ann. Ent. Soc. America **19**: 357 [Listed]⁶
- 1926 *Acanalonia servillei* Osborn, Sci. Contr. Trop. Pl. Res. Found. **2**: 357 [Listed]⁶
- 1927 *Acanalonia servillei* Wolcott, Entomologie d'Haiti **1927**: 191; Fig. 56 [Illustrated, food plants]¹⁴
- 1928 *Acanalonia servillei* Dozier, Tech. Bull. Mississippi Agr. Exp. Sta. **14**: 110 [Described, catalogued]^{1, 4, 6, 9, 10} :108 [Key]
- 1928 *Acanalonia servillei* Myers, Studies on Cuban Insects **1928**: 24 [Listed]⁶
- 1930 *Acanalonia servillei* Metcalf and Bruner, Psyche **37**: 407; Pl. 25 [Notes, illustrated]^{4, 6, 15, 16}
- 1930 *Acanalonia servillei* Sherborn, Index Animalium **22**: 5917 [Catalogued]
- 1931 *Acanalonia servillei* Bruner, Informe del Departamento de Entomologia **1931**: 49 [Economics]⁶
- 1931 *Acanalonia servillei* Dozier, American Mus. Nov. **510**: 13 [Food plants]¹⁴
- 1932 *Acanalonia servillei* Doering, Ann. Ent. Soc. America **25**: 764; Pls. I, III, IV [Described, illustrated, catalogued]^{1, 4, 6, 9, 10} :761 [Key]
- 1933 *Acanalonia servillei* Ball, Psyche **40**: 149 [Notes]^{1, 7, 9, 10, 14, 17} Equals *Acanalonia latifrons* Walk. [error]
- 1933 *Acanalonia servillei* Wolcott, An Economic Entomology of the West Indies **1933**: 322; Fig. 60 [Illustrated]¹⁸
- 1945 *Acanalonia servillei* Bruner, Scaramuzza, and Otero, Bol. Est. Exp. Agron. **63**: 13, 45, 52 [Food plants]⁶
- 1950 *Acanalonia servillei* Wolcott, Jour. Agr. Univ. Puerto Rico **32**: 135; 1 fig. [Illustrated]¹⁹

LOCALITIES: ¹ Pennsylvania. ² North America. ³ Locality unknown. ⁴ Jamaica. ⁵ New York. ⁶ Cuba. ⁷ Louisiana. ⁸ St. Vincent. ⁹ Florida. ¹⁰ South America. ¹¹ Para. ¹² Southern States. ¹³ Eastern States. ¹⁴ Haiti. ¹⁵ South-eastern States. ¹⁶ Pennsylvania (?). ¹⁷ United States. ¹⁸ West Indies. ¹⁹ Hispaniola.

similis Doering

1932 *Acanalonia similis* Doering, Ann. Ent. Soc. America **25**: 776;
Pls. II, III, IV [n. sp., illustrated]^{1, 2}:762 [Key]

LOCALITIES: ¹ Texas. ² New Mexico

simillima Lethierry. See *Acanalonia viriditerminata* Lethierry.

sublinea Walker

1858 *Poeciloptera sublinea* Walker, List of Homopterous Insects.
Supplement **1858**: 114 [n. sp.]¹

1862 *Acanalonia* [*sublinea*] Stål, Öfv. Svenska Vet. Akad. Förh.
19: 491 Equals *P[oeciloptera] sublinea* Walk.

1901 *A[canalonia] sublinea* Melichar, Ann. Nat. Hofmus. Wien
16: 187 [Comparative note]¹

1901 *Poeciloptera sublinea* Melichar, Ann. Nat. Hofmus. Wien
16: 187 To *Acanalonia viridis* Mel. (?) [error]

1926 *Acanalonia sublinea* Osborn, Ann. Ent. Soc. America **19**:
357 [Listed]^{1, 2}

1926 *Acanalonia sublinea* Osborn, Sci. Contr. Trop. Pl. Res. Found.
2: 357 [Listed]^{1, 2}

1930 *Acanalonia sublinea* Metcalf and Bruner, Psyche **37**: 407, 411
[Listed]²

LOCALITIES: ¹ Dominican Republic. ² Cuba.

tehuacana Caldwell

1947 *Acanalonia tehuacana* Caldwell, Bull. Brooklyn Ent. Soc.
41: 164 (1) [n. sp.]^{1, 2}:165 (2) [Comparative note]

LOCALITIES: ¹ Mexico. ² Puebla.

theobromae Fennah

1945 *Acanalonia theobromae* Fennah, Proc. United States Nat.
Mus. **95**: 503; Pl. 16, Figs. 503–509, 511–513 [n. sp., ecology,
illustrated]¹

1945 *Acanalonia theobromae* Fennah, Proc. Ent. Soc. Washington
47: 128; Pl. 15, Figs. 38–39 [Pretarsus illustrated]

LOCALITIES: ¹ Trinidad.

tripartita Caldwell

1947 *Acanalonia tripartita* Caldwell, Bull. Brooklyn Ent. Soc. **41**:
165 (2) [n. sp.]^{1, 2}

LOCALITIES: ¹ Mexico. ² San Luis Potosí.

umbellicauda Fennah

1945 *Acanalonia umbellicauda* Fennah, Proc. United States Nat.
Mus. **95**: 503; Pl. 16, Figs. 493–502, 510 [n. sp., ecology,
illustrated]¹

LOCALITIES: ¹ Trinidad.

umbraculata Fabricius

- 1803 [*Flata*] *umbraculata* Fabricius, *Systema Rhyngotorum* **1803**: 50 [n. sp.]¹
- 1835 *Poeciloptera umbraculata* Burmeister, *Handbuch der Entomologie* **2** (1):162 [Described]^{1, 2, 12} Equals *Flata umbraculata* Fabr.
- 1840 *Flata umbraculata* Blanchard, *Histoire Naturelle des Insectes* **3**: 173 [Described, catalogued]² Equals *Poeciloptera umbraculata* Burm.
- 1850 *Flata umbraculata* Blanchard, *Histoire Naturelle des Animaux Articulés* **3**: 173 [Described, catalogued]² Equals *Poeciloptera umbraculata* Burm.
- 1850 *A[canonia] umbraculata* Schaum, *Allgemeine Encyclopädie Ersch und Gruber* **51**: 71 [Listed]⁴ Equals *Flata u[mbraculata]* Fabr. Equals *Poeciloptera u[mbraculata]* Burm. :72 [Comparative note]
- 1851 *Poeciloptera umbraculata* Walker, *List of Homopterous Insects* **2**: 446 [Catalogued]⁵ Equals *Flata umbraculata* Fabr. Equals *Poeciloptera pyralina* Germ. (?) [error]
- 1859 [*Poeciloptera*] (?) *umbraculata* Dohrn, *Catalogus Hemipterorum* **1859**: 66 [Listed]⁵
- 1862 *Acanalonia florea* Stål, *Handl. Svenska Vet. Akad.* **3** (6):10 [n. sp.]⁶
- 1869 *A[canonia] umbraculata* Stål, *Handl. Svenska Vet. Akad.* **8** (1):106 [Described, catalogued]¹ Equals *Flata umbraculata* Fabr.
- 1869 *A[canonia] florea* Stål, *Handl. Svenska Vet. Akad.* **8** (1):106 [Comparative note]
- 1879 *A[canonia] florea* Berg, *An. Soc. Cient. Argentina* **8**: 211 [Comparative note]
- 1879 *A[canonia] florea* Berg, *Hemiptera Argentina* **1879**: 229 [Comparative note]
- 1890 *Paeciloptera* [sic] *umbraculata* Lethierry, *Ann. Soc. Ent. France* (6) **10**: 147 (1) [Catalogued]⁷
- 1901 *Acanalonia florea* Melichar, *Ann. Nat. Hofmus. Wien* **16**: 185; Pl. 1, Fig. 2 [Described, illustrated, catalogued]^{1, 4, 6, 8, 9, 10, 11} Equals *Acanonia umbraculata* Stål Equals *Flata umbraculata* Fabr. Equals *Poeciloptera umbraculata* Burm. :184 [Key] :186, 187 [Comparative notes]
- 1903 *Acanalonia umbraculata* Kirkaldy, *Entomologist* **36**: 78 Equals [*Acanalonia*] *florea* Stål

- 1909 [*Acanalonia*] *florea* Van Duzee, Bull. Buffalo Soc. Nat. Sci. **9**: 192 [Comparative note]¹
- 1923 A[*canalonia*] *umbraculata* Melichar, Gen. Insect. **182**: 7 [Catalogued]^{4, 6, 8, 9, 10, 11} Equals *Acanalonia florea* Stål Equals *Acanonia umbraculata* Stål Equals *Flata umbraculata* Fabr. Equals *Poeciloptera umbraculata* Burm.
- 1930 A[*canalonia*] *umbraculata* Metcalf and Bruner, Psyche **37**: 413 [Comparative note]
- 1931 *Flata umbraculata* Sherborn, Index Animalium **27**: 6717 [Catalogued]
- 1932 *Acanalonia umbraculata* Schmidt, Stett. Ent. Zeit. **93**: 57 [Listed]⁶
- 1945 *Acanalonia umbraculata* Metcalf, Zoologica **30**: 136 [Described]^{1, 2, 6, 11, 13, 14}

LOCALITIES: ¹ South America. ² Brazil. ³ Dominican Republic. ⁴ Para. ⁵ Locality unknown. ⁶ Rio de Janeiro. ⁷ Venezuela. ⁸ Espirito Santo. ⁹ Santa Cruz. ¹⁰ Sao Paulo. ¹¹ Bolivia. ¹² Santo Domingo. ¹³ Amazonas. ¹⁴ British Guiana.

varipennis Walker

- 1858 *Poeciloptera varipennis* Walker, List of Homopterous Insects. Supplement **1858**: 113 [n. sp.]¹
- 1858 *Poeciloptera viridissima* Walker, Insecta Saundersiana **1858**: 54 [n. sp.]²
- 1862 *Acanonia* [*varipennis*] Stål, Öfv. Svenska Vet. Akad. Förh. **19**: 491 Equals *Poeciloptera varipennis* Walk.
- 1900 *Poeciloptera viridissima* Fowler, Biologia Centrali-Americana **1**: 48 [Comparative note]
- 1901 *Acanalonia varipennis* Melichar, Ann. Nat. Hofmus. Wien **16**: 184 [Key] :185 [Described, catalogued]^{1, 3} Equals *Poeciloptera varipennis* Walk.
- 1902 *Poeciloptera viridissima* Melichar, Ann. Nat. Hofmus. Wien **17**: 62 To *Cromna peracuta* Walk. [error]
- 1910 *Acanalonia varipennis* Distant, Ann. Mag. Nat. Hist. (8) **5**: 298 [Notes, catalogued]^{1, 4} Equals *Acanonia varipennis* Stål Equals *Colgar peracuta* Kirk. (in part.) Equals *Cromna peracuta* Mel. (in part.) Equals *Poeciloptera varipennis* Walk. Equals *Poeciloptera viridissima* Walk. :308 Equals *Poeciloptera viridissima* Walk.
- 1923 A[*canalonia*] *varipennis* Melichar, Gen. Insect. **182**: 7 [Catalogued]^{1, 4} Equals *Acanonia varipennis* Stål, Equals *Colgar peracuta* Kirk. (in part.) Equals *Cromna peracuta* Mel. (in part.) Equals *Poeciloptera varipennis* Walk. Equals *Poeciloptera viridissima* Walk.

LOCALITIES: ¹ Para. ² Brazil. ³ South America. ⁴ Amazonas.

viequensis Caldwell and Martorell

- 1951 *Acanalonia viequensis* Caldwell and Martorell, Jour. Agr. Univ. Puerto Rico **34**: 267; Pl. 53, 1 fig.; Pl. 54, 2 figs. [n. sp., ecology, illustrated]^{1, 2, 3} :261 [Key]

LOCALITIES: ¹ Vieques Island. ² Antigua. ³ British West Indies.

virescens Stål

- 1864 *Acanalonia virescens* Stål, Stett. Ent. Zeit. **25**: 56 [n. sp.]¹
- 1900 *Acanalonia virescens* Fowler, Biologia Centrali-Americana **1**: 49; Pl. 7, Figs. 7, 7a [Notes, illustrated]^{1, 2, 3, 4, 5} Equals *Acanalonia virescens* Stål :48 [Comparative note]
- 1901 *Acanalonia virescens* Melichar, Ann. Nat. Hofmus. Wien **16**: 185 [Described, comparative note, catalogued]^{1, 6} Equals *Acanalonia virescens* Stål :184 [Key]
- 1908 [*Acanalonia*] *virescens* Van Duzee, Proc. Acad. Nat. Sci. Philadelphia **1907**: 496 [Comparative note]
- 1923 *Acauloma* [sic] *virescens* Herrera, Guia la Coleccion **1923**: 115 [Listed]⁷
- 1923 A[*canalonia*] *virescens* Melichar, Gen. Insect. **182**: 7 [Catalogued]¹ Equals *Acanalonia virescens* Stål
- 1923 A[*canalonia*] *virescens* Metcalf, Jour. Elisha Mitchell Sci. Soc. **38**: 149 [Listed]^{1, 8} :151; Pl. 48, Fig. 130 [Key, illustrated]⁹
- 1923 [*Acanalonia*] *virescens* Van Duzee, Proc. California Acad. Sci. (4) **12**: 194, 195 [Comparative notes]
- 1930 A[*canalonia*] *virescens* Metcalf and Bruner, Psyche **37**: 414 [Comparative note]
- 1932 *Acanalonia virescens* Doering, Ann. Ent. Soc. America **25**: 773; Pls. II, III, IV [Described, catalogued, illustrated]^{1, 3, 4, 5, 6, 10} :761 [Key] :770 [Comparative note]
- 1932 A[*canalonia*] *virescens* Schmidt, Stett. Ent. Zeit. **93**: 45 [Comparative note]
- 1933 *Acanalonia virescens* Ball, Psyche **40**: 149 [Notes, comparative notes]^{1, 11}
- 1935 *Acanalonia virescens* Ballou, Bull. Ins. Pest Surv. **15**: 198 [Food plants]¹²
- 1936 *Acanalonia virescens* Ballou, Bol. Cent. Nac. Agr. **20**: 20, 22, 33, 42 [Food plants]¹²
- 1936 *Acanalonia virescens* Ballou, Bull. Ins. Pest Surv. **16**: 471 [Food plants]¹²
- 1940 *Acanalonia virescens* Müller, Zoologica, Stuttgart **36** (1-2):36; Pl. XIV, Fig. 72 [Symbionts, illustrated]
- 1947 [*Acanalonia*] *virescens* Caldwell, Bull. Brooklyn Ent. Soc. **41**: 165 (2) [Comparative note]

1949 *A[canalonia] virescens* Müller, Biol. Centralbl. **68**: 357 [Sym-
bionts]

LOCALITIES: ¹ Mexico. ² Vera Cruz. ³ Yucatan. ⁴ Guatemala. ⁵ Panama.
⁶ Central America. ⁷ Tamaulipas. ⁸ United States. ⁹ Eastern States.
¹⁰ Texas. ¹¹ Florida. ¹² Costa Rica.

viridicata Schmidt

1932 *Acanalonia viridicata* Schmidt, Stett. Ent. Zeit. **93**: 44 [n.
sp.]¹

LOCALITIES: ¹ Colombia.

viridis Melichar

1901 *Acanalonia viridis* Melichar, Ann. Nat. Hofmus. Wien **16**:
187 [n. sp.]¹ Equals *Poeciloptera sublinea* Walk. (?) [error]
:184 [Key]

1923 *A[canalonia] viridis* Melichar, Gen. Insect. **182**: 7 [Cata-
logued]^{1, 2}

1926 [*Acanalonia*] *viridis* Osborn, Ann. Ent. Soc. America **19**:
357 [Listed]¹

1926 [*Acanalonia*] *viridis* Osborn, Sci. Contr. Trop. Pl. Res. Found.
2: 357 [Listed]¹

1930 *A[canalonia] viridis* Metcalf and Bruner, Psyche **37**: 411
[Comparative note]

LOCALITIES: ¹ Haiti. ² Dominican Republic.

virideterminala. Typographical error for *Acanalonia virideterminata* Dozier [nec
Lethierry]. See *Batusa agilis* Melichar.

virideterminata Lethierry

1881 *Carthaea virideterminata* Lethierry, Ann. Soc. Ent. Belgique
25: 14 [n. sp.]¹ :15 [Comparative note]

1881 *Carthaea simillima* Lethierry, Ann. Soc. Ent. Belgique **25**: 15
[n. sp.]¹

1901 *Acanalonia virideterminata* Melichar, Ann. Nat. Hofmus.
Wien **16**: 188; Pl. 1, Fig. 5 [Described, illustrated, catalogued]
^{1, 2, 3} Equals *Carthaea virideterminata* Leth. Equals *Carthaea*
simillima Leth. :184 [Key]

1908 *A[canalonia] virideterminata* Schmidt, Zool. Anz. **32**: 517
[Comparative note]

1923 *A[canalonia] virideterminata* Melichar, Gen. Insect. **182**: 7
[Catalogued]^{1, 3} Equals *Carthaea simillana* [sic] Leth. Equals
Carthaea [*virideterminata* Leth.]

1935 *Acanalonia virideterminata* Osborn, Sci. Surv. Porto Rico
and Virgin Islands **14**: 217 [Notes, catalogued]^{1, 3, 4, 5} Equals
Acanalonia virideterminala [sic] Doz. Equals *Carthaea* [sic]
virideterminata Leth. Equals [*Acanalonia*] *simillima* Leth.

1936 *Acanalonia virideterminata* Wolcott, Jour. Agr. Univ. Puerto Rico **20**: 101 [Listed]⁴

1950 *Acanalonia virideterminata* Wolcott, Jour. Agr. Univ. Puerto Rico **32**: 136 [Notes]^{1, 3, 4}

LOCALITIES: ¹ Guadeloupe. ² Central America. ³ Martinique. ⁴ Puerto Rico. ⁵ St. Thomas Island.

virideterminata Dozier [nec Lethierry]. See *Batusa agilis* Melichar.

viridula Metcalf and Bruner

1930 *Acanalonia viridula* Metcalf and Bruner, Psyche **37**: 414; Pl. 25 [n. sp., illustrated]¹

1945 *Acanalonia viridula* Bruner, Scarramuzza, and Otero, Bol. Est. Exp. Agron. **63**: 33 [Food plants]¹

LOCALITIES: ¹ Cuba.

vivida Fabricius. See *Chlorochara vivida* Fabricius.

vivida avivida Caldwell and Martorell. See *Chlorochara vivida avivida* Caldwell and Martorell.

vivida coniceps Osborn. See *Chlorochara vivida coniceps* Osborn.

Genus **Sutteria** Lallemand and Synave

[ORTHO]TYPE *Sutteria baingensis* [n. sp.] 1953, Lallemand and Synave, Verh. Naturf. Ges. Basel **64**: 247

Sutteria 1953 Lallemand and Synave, Verh. Naturf. Ges. Basel **64**: 247 [gen. n.]

baingensis Lallemand and Synave

1953 *Sutteria baingensis* Lallemand and Synave, Verh. Naturf. Ges. Basel **64**: 248; Figs. 10a-b [n. sp., illustrated]¹

LOCALITIES: ¹ Sumba Island.

Genus **Bühleria** Lallemand and Synave

[ORTHO]TYPE *Bühleria rabana* [n. sp.] 1953, Lallemand and Synave, Verh. Naturf. Ges. Basel **64**: 249

Bühleria 1953 Lallemand and Synave, Verh. Naturf. Ges. Basel **64**: 249 [gen. n.]

rabana Lallemand and Synave

1953 *Bühleria rabana* Lallemand and Synave, Verh. Naturf. Ges. Basel **64**: 249; Fig. 10c [n. sp., illustrated]¹

LOCALITIES: ¹ Sumbawa Island.

Genus **Chlorochara** Stål

HAPLOTYPE *Cicada vivida* 1869 Stål, Handl. Svenska Vet. Akad. **8** (1):107

TYPE *Chl[orochara] vivida* 1923 Melichar, Gen. Insect. **182**: 8

TYPE *Cicada vivida* 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands **14**: 219

- Chlorochara* 1869 Stål, Handl. Svenska Vet. Akad. **8** (1):107
[gen. n.]
- 1882 Scudder, Bull. United States Nat. Mus. **19**:
66 [Listed]
- 1889 Ashmead, Ent. Americana **5**: 2 [Key]
- 1890 Smith, Geological Survey of New Jersey **2** (2):
437 [Listed]
- 1901 Melichar, Ann. Nat. Hofmus. Wien **16**: 182
[Key] :191 [Described, catalogued]
- 1904 Swezey, Preliminary Catalogue of Fulgoridae
of North America **1904**: 7 [Catalogued]
- 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc.
Div. Ent. **3**: 94 [Listed]
- Chlorochroa* 1915 Brues and Melander, Key to Families of North
[sic] American Insects **1915**: 74 [Listed]
- Chlorochara* 1923 Melichar, Gen. Insect. **182**: 4 [Key] :8 [De-
scribed, catalogued, catalogue of species]
- 1925 Handlirsch, Schröder's Handbuch der Entomo-
logie **3** (17-18) :1110 [Listed]
- 1927 Schulze, Kükenthal and Heider, Nomenclator
Animalium **2** (7) :667 [Catalogued]
- 1932 Brues and Melander, Bull. Mus. Comp. Zool.
Harvard Coll. **73**: 120 [Listed]
- 1932 Doering, Ann. Ent. Soc. America **25**: 760 [Geo-
graphic distribution]
- 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands
14: 219 [Catalogued]
- 1939 Neave, Nomenclator Zoologicus **1**: 706 [Cata-
logued]
- 1951 Caldwell and Martorell, Jour. Agr. Univ. Puerto
Rico **34**: 261, 268 To *Acanalonia* Spin. [error]
- 1954 Brues, Melander, and Carpenter, Bull. Mus.
Comp. Zool. Harvard Coll. **108**: 154 [Listed]

conica Say. See *Acanalonia conica* Say.

vivida Fabricius

- 1775 [*Cicada*] *vivida* Fabricius, Systema Entomologiae **1775**: 683
[n. sp.]^{1, 2}
- 1778 [*Cicada*] *vivida* Goeze, Entomologische Beyträge **2**: 156
[Described, catalogued]¹

- 1781 [*Cicada*] *viuida* [sic] Fabricius, Species Insectorum **2**: 323 [Described]^{2, 3}
- 1787 [*Cicada*] *viuida* [sic] Fabricius, Mantissa Insectorum **2**: 268 [Described]
- 1788 [*Cicada vivida*] Stoll, Représentation des Cigales **1788**: 54; Pl. XIII, Fig. 64 [Described, illustrated]⁴
- 1789 [*Cicada*] *vivida* Gmelin, Linné Systema Naturae **1** (4):2113 [Described]^{2, 3}
- 1791 *Fulgora conica* Olivier, Encyclopédie Méthodique **6**: 571 [n. sp.]⁴
- 1792 [*Cicada vivida*] Stoll, Abbildungen und Beschreibungen der Cikaden **1792**: 43; Pl. XIII, Fig. 64 [Described, illustrated]⁴
- 1794 [*Cicada*] *vivida* Fabricius, Entomologia Systematica **4**: 29 [Described]^{2, 3}
- 1798 [*Flata*] *viuida* [sic] Fabricius, Supplementum Entomologiae Systematicae **1798**: 519 [Described, catalogued]³ Equals *Cicada viuida* [sic] Fabr.
- 1802 [*Cicada*] *vivida* Turton, A System of Nature **2**: 590 [Described]^{1, 2}
- 1803 [*Fulgora*] *viuida* [sic] Fabricius, Systema Rhyngotorum **1803**: 5 [Described, catalogued]³ Equals *Cicada viuida* [sic] Fabr. Equals *Flata viuida* [sic] Fabr.
- 1820 [*Flata*] *vivida* [sic] Donovan, Rees' Cyclopaedia **8**: [4] [Described]³
- 1830 [*Flata*] *vivida* Germar, Thon's Entomologisches Archiv. **2** (2):47 [Described, catalogued]³ Equals *Fulgora conica* Oliv. Equals *Fulgora vivida* Fabr.
- 1835 [*Pseudophana vivida*] Burmeister, Handbuch der Entomologie **2** (1):160 Equals *Fulgora*] *vivida* Fabr.
- 1839 [*Pseudophana vivida*] Spinola, Ann. Soc. Ent. France **8**: 301 Equals [*Fulgora*] *vivida* Fabr.
- 1839 *Fulgora vivida* Westwood, Trans. Linn. Soc. London Zool. **18**: 150 [Catalogued]³ Equals *Flata v*[*ivida*] Fabr. Equals *Fulgora conica* Oliv. Equals *Pseudophana v*[*ivida*] Burm.
- 1850 *P*[*pseudophana*] *vivida* Schaum, Allgemeine Encyclopädie Ersch und Gruber **51**: 68 [Catalogued]⁶ Equals *Flata conica* Oliv. (?). Equals *Fulgora v*[*ivida*] Fabr.
- 1851 *Dictyophora vivida* Walker, List of Homopterous Insects **2**: 309 [Catalogued]³ Equals *Cicada vivida* Fabr. Equals *Flata vivida* Fabr. Equals *Fulgora conica* Oliv. (?) Equals *Fulgora vivida* Fabr. Equals *Pseudophana vivida* Burm.
- 1859 [*Dictyophara*] *vivida* Dohrn, Catalogus Hemipterorum **1859**: 59 [Listed]⁵

- 1930 *Acanalonia coniceps* Metcalf and Bruner, *Psyche* **37**: 416
[Comparative note, catalogued]¹
- 1935 *Acanalonia coniceps* Osborn, *Sci. Surv. Porto Rico and Virgin Islands* **14**: 217; Figs. 56a-c [Described, catalogued, illustrated]¹ :219 [Comparative note]
- 1936 *Aacanalonia* [sic] *coniceps* Wolcott, *Jour. Agr. Univ. Puerto Rico* **20**: 101 [Listed]¹
- 1950 *Acanalonia coniceps* Wolcott, *Jour. Agr. Univ. Puerto Rico* **32**: 135 [Notes, ecology]¹
- 1951 *Acanalonia vivida coniceps* Caldwell and Martorell, *Jour. Agr. Univ. Puerto Rico* **34**: 264; Pl. 52, 1 fig.; Pl. 53, 1 fig. [Described, illustrated, catalogued, ecology]^{1, 2} Equals *Acanalonia coniceps* Osb. :261 [Key]
- LOCALITIES: ¹ Puerto Rico. ² Caja de Muertos Island.

Genus *Philatis* Stål

- [ORTHO]TYPE *Mycterodus productus* 1862 Stål, *Handl. Svenska Vet. Akad.* **3**(6):68
- TYPE *Mycterodus productus* 1900 Fowler, *Biologia Centrali-Americana* **1**: 46
- TYPE *Ph[ilatis] producta* 1923 Melichar, *Gen. Insect.* **182**: 8
- TYPE *Mycterodus productus* 1935 Osborn, *Sci. Surv. Porto Rico and Virgin Islands* **14**: 218
- TYPE *Mycterodus productus* 1937 Van Duzee, *Proc. California Acad. Sci.* (4) **22**: 119
- Philatis* 1862 Stål, *Handl. Svenska Vet. Akad.* **3** (6):68 [gen., key]
- 1889 Ashmead, *Ent. Americana* **5**: 2 [Key]
- 1900 Fowler, *Biologia Centrali-Americana* **1**: 46
 [Notes] :47 [Comparative note]
- 1902 Waterhouse, *Index Zoologicus* **1902** [Catalogued]
- 1906 Kirkaldy, *Entomologist* **39**: 248 Equals *Batusa*
 Mel. (?) [error]
- 1907 Kirkaldy, *Bull. Hawaiian Sugar Pl. Assoc. Div. Ent.* **3**: 94 [Listed]
- 1923 Melichar, *Gen. Insect.* **182**: 4 [Key] :8 [Described, catalogued, catalogue of species] Equals *Batusa*
 Mel. [error]
- 1924 Osborn, *Zoologica* **5**: 78 [Catalogued]
- Philates* [sic] 1933 Van Duzee, *Proc. California Acad. Sci.* (4) **21**:
 35 [Key to species]

- 1862 *Nersia* [*vivida*] Stål, Handl. Svenska Vet. Akad. **3** (6):65
Equals *Fulgora vivida* Fabr.
- 1869 *C*[*hlorochara*] *vivida* Stål, Handl. Svenska Vet. Akad. **8** (1):
107 [Described, catalogued]³ Equals *Cicada vivida* Fabr.
Equals *Flata vivida* Fabr. Equals *Fulgora vivida* Fabr.
- 1890 *Chlorochara vivida* Smith, Geological Survey of New Jersey
2 (2):437 [Listed]
- 1901 *Chlorochara vivida* Melichar, Ann. Nat. Hofmus. Wien **16**:
191; Pl. 1, Figs. 4, 4a [Described, catalogued, illustrated]⁷
Equals *Cicada vivida* Fabr. Equals *Flata vivida* Fabr. Equals
Fulgora vivida Fabr.
- 1902 *Cicada vivida* Sherborn, Index Animalium **1902**: 1061 [Cata-
logued]
- 1902 *Flata vivida* Sherborn, Index Animalium **1902**: 1061 [Cata-
logued] Equals *Cicada* [*vivida* Fabr.]
- 1912 *Fulgora conica* Melichar, Abh. Zool. Bot. Ges. Wien **7** (1):78
To *D*[*ictyoptera*] *polyneura* Berg [error]
- 1923 *Chl*[*orochara*] *vivida* Melichar, Gen. Insect. **182**: 8 [Catalogued]⁷
Equals *Cicada vivida* Fabr. Equals *Flata vivida* Fabr. Equals
Fulgora vivida Fabr.
- 1935 *Chlorochara vivida* Osborn, Sci. Surv. Porto Rico and Virgin
Islands **14**: 219 [Described, catalogued]^{3, 7} Equals *Cicada*
vivida Fabr. Equals *Flata vivida* Fabr. Equals *Fulgara* [sic]
vivida Fabr.
- 1936 *Chlorochara vivida* Wolcott, Jour. Agr. Univ. Puerto Rico **20**:
102 [Listed]⁷
- 1950 *Chlorochara vivida* Wolcott, Jour. Agr. Univ. Puerto Rico
32: 136 [Listed]⁷
- 1951 *Acanalonia vivida* Caldwell and Martorell, Jour. Agr. Univ.
Puerto Rico **34**: 262; Pl. 52, 2 figs.; Pl. 53, 2 figs. [De-
scribed, ecology, illustrated, catalogued, new subspecies
from Puerto Rico]⁷ Equals *Cicada vivida* Fabr. Equals *Chloro-*
chara vivida Stål :261 [Key]

LOCALITIES: ¹ America. ² Australia (?). ³ West Indies. ⁴ Surinam. ⁵ Cuba.
⁶ South America. ⁷ Puerto Rico.

vivida avivida Caldwell and Martorell

- 1951 *Acanalonia vivida avivida* Caldwell and Martorell, Jour.
Agr. Univ. Puerto Rico **34**: 262; Pl. 52, 2 figs.; Pl. 53, 1 fig.
[n. subsp., illustrated]¹ :261 [Key] :264 [Comparative note]

LOCALITIES: ¹ Puerto Rico.

vivida coniceps Osborn

- 1929 *Acanalonia coniceps* Osborn, Jour. Dept. Agr. Porto Rico
13: 108 [n. sp.]¹

- Philatis** 1934 Schulze, Kükenthal and Heider, Nomenclator Animalium 4 (19):2630 [Catalogued]
 1935 Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 218 [Catalogued]
 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. 82: 389 [Note]
 1940 Neave, Nomenclator Zoologicus 3: 708 [Catalogued]
 1944 Metcalf, A Bibliography of the Homoptera 2: 161 [Bibliography]
 1947 Metcalf, Jour. Elisha Mitchell Sci. Soc. 62: 165 [Zoogeography]
 1951 Caldwell and Martorell, Jour. Agr. Univ. Puerto Rico 34: 261, 268 To *Acanalonia* Spin. [error]

agilis Melichar. See *Batusa agilis* Melichar.

breviceps Van Duzee

- 1933 *Philates* [sic] *breviceps* Van Duzee, Proc. California Acad. Sci. 4 (21):33 [n. sp.]¹ :35 [Key]¹
 1940 *Philates* [sic] *breviceps* Essig and Usinger, Pan-Pacific Ent. 16: 167 [Catalogued]

LOCALITIES: ¹ Charles Island.

cinerea Osborn

- 1924 *Philatis cinerea* Osborn, Zoologica 5: 78 [n. sp.]¹
 1933 *Philates* [sic] *cinerea* Van Duzee, Proc. California Acad. Sci. 4 (21):35 [Key]¹
 1937 *Philatis cinerea* Van Duzee, Proc. California Acad. Sci. (4) 22: 119 [Listed]¹

LOCALITIES: ¹ Tower Island.

conata Melichar. See *Batusa conata* Melichar.

major Osborn

- 1924 *Philatis major* Osborn, Zoologica 5: 79 [n. sp.]¹
 1933 *Philates* [sic] *major* Van Duzee, Proc. California Acad. Sci. 4 (21):35 [Key, comparative note]
 1937 *Philatis major* Van Duzee, Proc. California Acad. Sci. (4) 22: 119 [Listed]¹

LOCALITIES: ¹ Indefatigable Island.

pinniformis Fowler. See *Batusa pinniformis* Fowler.

producta Stål

- 1859 *Mycterodus productus* Stål, Fregatten Eugenies Resa 4: 278 [n. sp.]^{1, 2, 3}
 1862 [*Philatis producta*] Stål, Handl. Svenska Vet. Akad. 3 (6):68 Equals *Mycterodus productus* Stål

- 1900 [*Philatis producta*] Fowler, *Biologia Centrali-Americana* **1**: 46
Equals *Mycterodus productus* Stål
- 1901 *Mycterodus productus* Heidemann, *Proc. Washington Acad. Sci.* **3**: 370 [Catalogued]⁴
- 1906 *Philatis productus* Kirkaldy, *Entomologist* **39**: 248 [Listed]
Equals *Mycterodus productus* Stål
- 1924 *Philatis productus* Osborn, *Zoologica* **5**: 78 [Described, catalogued]⁵ Equals *Mycterodus productus* Stål :78, 79 [Comparative notes]
- 1933 *Philates* [sic] *productus* Van Duzee, *Proc. California Acad. Sci.* (4) **21**: 35 [Key]⁶ :34, 35 [Comparative note]
- 1937 *Philatis productus* Van Duzee, *Proc. California Acad. Sci.* (4) **22**: 119 [Listed]⁷

LOCALITIES: ¹ Galapagos Island. ² Panama. ³ Peru. ⁴ Albemarle Island.
⁵ Tower Island. ⁶ North Seymour Island. ⁷ Indefatigable Island.

producta Stål 1864 [nec Stål 1859]. See *Batusa producta* Stål.

serva Van Duzee

- 1933 *Philates* [sic] *servus* Van Duzee, *Proc. California Acad. Sci.* (4) **21**: 34 [n. sp., comparative note]^{1, 2} :35 [Key]
- 1940 [*Philatis*] *servus* Essig and Usinger, *Pan-Pacific Ent.* **16**: 167 [Catalogued]

LOCALITIES: ¹ Albemarle Island. ² James Island.

vicina Van Duzee

- 1933 *Philates* [sic] *vicinus* Van Duzee, *Proc. California Acad. Sci.* (4) **21**: 34 [n. sp.]¹ :35 [Key]
- 1940 [*Philatis*] *vicinus* Essig and Usinger, *Pan-Pacific Ent.* **16**: 167 [Catalogued]

LOCALITIES: ¹ Jervis Island.

Genus **Batusa** Melichar

[ORTHO]TYPE [*Acanonia*] *producta* 1901 Melichar, *Ann. Nat. Hofmus. Wien* **16**: 191

- Batusa 1901 Melichar, *Ann. Nat. Hofmus. Wien* **16**: 191
 [gen. n., key to species] :182 [Key] :189 [Comparative note]
- 1906 Kirkaldy, *Entomologist* **39**: 248 To *Philatis*
 Stål (?) [error]
- 1912 Waterhouse, *Index Zoologicus No. II* **1912**: 34
 [Listed]
- 1923 Melichar, *Gen. Insect.* **182**: 8 To *Philatis* Stål
 [error]

- 1926 Schulze, Kükenthal and Heider, Nomenclator Animalium 1 (3):385 [Catalogued]
 1932 Doering, Ann. Ent. Soc. America 25: 760 [Geographic distribution]
 1939 Neave, Nomenclator Zoologicus 1: 408 [Catalogued]

agilis Melichar

- 1901 *Batusa agilis* Melichar, Ann. Nat. Hofmus. Wien 16: 192 [n. sp., key]¹
 1923 *Philatis agilis* Melichar, Gen. Insect. 182: 8 [Catalogued]¹ Equals *Batusa agilis* Mel.
 1931 *Acanalonia viriditerminala* [sic] [nec Lethierry] Dozier, American Mus. Nov. 510: 13 [Listed]¹
 1935 *Philatis agilis* Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 218 [Described, catalogued]¹ Equals *Batusa agilis* Mel.
 1936 *Philatis agilis* Wolcott, Jour. Agr. Univ. Puerto Rico 20: 102 [Listed]¹ Equals *Batusa agilis* Mel.
 1950 *Philatis agilis* Wolcott, Jour. Agr. Univ. Puerto Rico 32: 136 [Notes, catalogued]¹ Equals *Batusa agilis* Mel.
 1951 *Acanalonia agilis* Caldwell and Martorell, Jour. Agr. Univ. Puerto Rico 34: 264; Pl. 52, 1 fig. Pl. 53, 1 fig. [Described, ecology, illustrated, catalogued]¹ Equals *Batusa agilis* Mel. Equals *Philatis agilis* Mel. Equals *Acanalonia viriditerminata* Doz. [nec Leth.] :261 [Key] :268 Equals *Acanalonia viriditerminata* Doz. (nec Leth.)

LOCALITIES: ¹ Puerto Rico.**agilis maricensis** Caldwell and Martorell

- 1951 *Acanalonia agilis maricensis* Caldwell and Martorell, Jour. Agr. Univ. Puerto Rico 34: 265; Pl. 52, 1 fig. [n. subsp., ecology, illustrated]¹ :261 [Key]

LOCALITIES: ¹ Puerto Rico**conata** Melichar

- 1901 *Batusa conata* Melichar, Ann. Nat. Hofmus. Wien 16: 193 [n. sp.]^{1, 2, 3} :192 [Key] :192, 193 [Comparative notes]
 1923 *Philatis conata* Melichar, Gen. Insect. 182: 9 [Catalogued]^{2, 3} Equals *Batusa conata* Mel.
 1935 [*Batusa*] *conata* Osborn, Sci. Surv. Porto Rico and Virgin Islands 14: 218 [Comparative note]

LOCALITIES: ¹ South America. ² Bahia. ³ Brazil.

pinniformis Fowler

- 1900 *Acanalonia pinniformis* Fowler, *Biologia Centrali-Americana* **1**: 48; Pl. 7, Figs. 4, 4a [n. sp., illustrated, comparative note]^{1, 2}
- 1901 *A[canalonia] pinniformis* Melichar, *Ann. Nat. Hofmus. Wien* **16**: 189 [Comparative note]
- 1901 *Batusa pinniformis* Melichar, *Ann. Nat. Hofmus. Wien* **16**: 192 [Described, key, catalogued]^{1, 2, 3}:189, 192 Equals *Acanalonia pinniformis* Fowl.
- 1923 *Ph[ilatis] pinniformis* Melichar, *Gen. Insect.* **182**: 8; Pl. 1, Fig. 14 [Catalogued, illustrated]¹ Equals *Acanalonia pinniformis* Fowl.

LOCALITIES: ¹ Mexico. ² Tabasco. ³ Central America.

producta Stål

- 1864 *Acanonia producta* Stål, *Stett. Ent. Zeit.* **25**: 56 [n. sp.]¹
- 1900 *Acanalonia producta* Fowler, *Biologia Centrali-Americana* **1**: 46 [Note]^{1, 2} Equals *Acanonia producta* Stål
- 1901 *Batusa producta* Melichar, *Ann. Nat. Hofmus. Wien* **16**: 192 [Described, key, catalogued, comparative note]^{1, 3} Equals *Acanonia producta* Stål Equals *Acanalonia producta* Fowl. :193 [Comparative note]
- 1923 *Ph[ilatis] producta* Melichar, *Gen. Insect.* **182**: 9 [Catalogued]¹ Equals *Acanonia producta* Stål Equals *Acanalonia producta* Fowl.
- 1935 *B[atusa] producta* Osborn, *Sci. Surv. Porto Rico and Virgin Islands* **14**: 218 [Comparative note]

LOCALITIES: ¹ Mexico. ² Jalisco. ³ Central America.

Genus *Thiscia* Stål

HAPLOTYPE *Thiscia semicircularis* [n. sp.] 1862 Stål, *Handl. Svenska Vet. Akad.* **3** (6):10

TYPE *Th[iscia] semicircularis* 1923 Melichar, *Gen. Insect.* **182**: 9

TYPE *Thiscia semicircularis* 1932 Schmidt, *Stett. Ent. Zeit.* **93**: 45

- Thiscia* 1862 Stål, *Handl. Svenska Vet. Akad.* **3** (6):10 [gen. n.] :68 [Key]
- 1873 Marschall, *Nomenclator Zoologicus* **1873**: 383 [Catalogued]
- 1881 Lethierry, *Ann. Soc. Ent. Belgique* **25**: 14 [Comparative note]
- 1882 Scudder, *Bull. United States Nat. Mus.* **19**: 318 [Listed]
- 1889 Ashmead, *Ent. Americana* **5**: 2 [Key]

- 1900 Fowler, *Biologia Centrali-Americana* **1**: 46 [Note]
- Acanalonia*
(*Thiscia*)
Thiscia
- 1900 Fowler, *Biologia Centrali-Americana* **1**: 46 [Key]
- 1901 Melichar, *Ann. Nat. Hofmus. Wien* **16**: 182 [Key] :193 [Described, catalogued] :194 [Comparative note]
- 1907 Kirkaldy, *Bull. Hawaiian Sugar Pl. Assoc. Div. Ent.* **3**: 94 [Listed]
- 1913 Matsumura, *Thousand Insects of Japan Addimenta* **1**: 56 [Comparative note]
- 1923 Melichar, *Gen. Insect.* **182**: 4 [Key] :9 [Described, catalogued, catalogue of species] :10 [Comparative note]
- 1930 Matsumura, *The Illustrated Thousand Insects of Japan* **1**: 7 [Comparative note]
- 1932 Doering, *Ann. Ent. Soc. America* **25**: 760 [Geographic distribution]
- 1932 Schmidt, *Stett. Ent. Zeit.* **93**: 45 [Described, key to species]
- 1938 Schulze, Kükenthal and Heider, *Nomenclator Animalium* **5** (24): 3463 [Catalogued]
- 1939 Doering, *Bull. Univ. Kansas Sci. Bull.* **25**: 479 [Comparative note]
- 1940 Neave, *Nomenclator Zoologicus* **4**: 472 [Catalogued]
- 1947 Metcalf, *Jour. Elisha Mitchell Sci. Soc.* **62**: 165 [Zoogeography]
- jaraguensis** Schmidt
- 1932 *Thiscia jaraguensis* Schmidt, *Stett. Ent. Zeit.* **93**: 47 [n. sp.]¹ :46 [Key]¹ :48, 49 [Comparative notes]
- LOCALITIES: ¹ Santa Catharina.
- melichari** Schmidt
- 1901 *Thiscia semicircularis* [nec Stål] Melichar, *Ann. Nat. Hofmus. Wien* **16**: 193; Pl. 1, Figs. 1, 1a [Described, illustrated]^{1, 2}
- 1932 *Thiscia melichari* Schmidt, *Stett. Ent. Zeit.* **93**: 49 Nom. nov. pro *Thiscia semicircularis* Melichar [nec *Thiscia semicircularis* Stål] :46 [Key]²
- LOCALITIES: ¹ South America. ² Rio de Janeiro.
- ohausi** Schmidt
- 1932 *Thiscia ohausi* Schmidt, *Stett. Ent. Zeit.* **93**: 48 [n. sp.]¹ :47 [Key]¹
- LOCALITIES: ¹ Sao Paulo.

semicircularis Stål

1862 *Thiscia semicircularis* Stål, Handl. Svenska Vet. Akad. **3**
(6):11 [n. sp.]¹

1923 *Th[iscia] semicircularis* Melichar, Gen. Insect. **182**: 10 [Catalogued]¹

1932 *Thiscia semicircularis* Schmidt, Stett. Ent. Zeit. **93**: 46 [Key]¹
:47 [Described]

1901 *Thiscia semicircularis* Melichar, Ann. Nat. Hofmus. Wien
16: 193 [Catalogued]

LOCALITIES: ¹ Rio de Janeiro.

semicircularis Melichar [nec Stål]. See *Thiscia melichari* Schmidt.

Genus **Paraphilatis** Melichar

[ORTHO]TYPE *Paraphilatis camerunensis* [n. sp.] 1912 Melichar,
Deutschen Zentral-Afrika-Expedition 1910–1911 **1**: 129

Paraphilatis 1912 Melichar, Deutschen Zentral-Afrika-Expedition
1910–1911 **1**: 129 [gen. n.]

1933 Schulze, Kükenthal and Heider, Nomenclator
Animalium **4** (18):2511 [Catalogued]

1940 Neave, Nomenclator Zoologicus **3**: 587 [Catalogued]

camerunensis Melichar

1912 *Paraphilatis camerunensis* Melichar, Deutschen Zentral-
Afrika-Expedition 1910–1911 **1**: 130 [n. sp.]¹

LOCALITIES: ¹ Belgian Congo.

Genus **Thinea** Melichar

HAPLOTYPE *Thinea devota* [n. sp.] 1912 Melichar, Deutschen Zentral-
Afrika-Expedition 1910–1911 **1**: 130

Thinea 1912 Melichar, Deutschen Zentral-Afrika-Expedition
1910–1911 **1**: 130 [gen. n.]

1938 Schulze, Kükenthal and Heider, Nomenclator
Animalium **5** (24): 3461 [Catalogued]

1940 Neave, Nomenclator Zoologicus **4**: 471 [Catalogued]

devota Melichar

1912 *Thinea devota* Melichar, Deutschen Zentral-Afrika-Expedition
1910–1911 **1**: 130 [n. sp.]¹

LOCALITIES: ¹ Cameroons.

Genus **Andrewsiella** Izzard

[ORTHO]TYPE *Andrewsiella oceanica* [n. sp.] 1936 Izzard, Ann. Mag. Nat. Hist. (10) **17**: 593

- Andrewsiella 1936 Izzard, Ann. Mag. Nat. Hist. (10) **17**: 593 [gen. n.]
1950 Neave, Nomenclator Zoologicus **5**: 14 [Catalogued]

oceanica Izzard

1936 *Andrewsiella oceanica* Izzard, Ann. Mag. Nat. Hist. (10) **17**: 594; Figs. 1a-c [n. sp., illustrated]¹

LOCALITIES: ¹ Christmas Island (Indian Ocean).

Genus **Parathiscia** Melichar

HAPLOTYPE *Parathiscia conjugata* [n. sp.] 1901 Melichar, Ann. Nat. Hofmus. Wien **16**: 194

TYPE *P[arathiscia] conjugata* [sic] 1910 Distant, Ann. Mag. Nat. Hist. (8) **5**: 298

TYPE *Parathiscia conjugata* 1912 Schmidt, Stett. Ent. Zeit. **73**: 92

TYPE *P[arathiscia] conjugata* 1923 Melichar, Gen. Insect. **182**: 10

- Parathiscia 1901 Melichar, Ann. Nat. Hofmus. Wien **16**: 194 [gen. n.] :182 [Key]
1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. **3**: 94 [Listed]
1910 Distant, Ann. Mag. Nat. Hist. (8) **5**: 298 [Catalogued]
1910 Distant, Insecta Transvaaliensia **10**: 248 [Catalogued]
1912 Schmidt, Stett. Ent. Zeit. **73**: 92 [Key, key to species, catalogued] :94, 95 [Comparative notes]
1912 Waterhouse, Index Zoologicus No. II **1912**: 218 [Listed]
1916 Oshanin, Horae Soc. Ent. Rossicae **42**: 92 [Bibliography]
1923 Melichar, Gen. Insect. **182**: 4 [Key] :10 [Described, catalogued, catalogue of species] :11 [Comparative note]
1932 Doering, Ann. Ent. Soc. America **25**: 760 [Geographic distribution]
1933 Schulze, Kükenthal and Heider, Nomenclator Animalium **4** (18):2523 [Catalogued]

1940 Neave, Nomenclator Zoologicus **3**: 601 [Catalogued]

conjugata. Typographical error for *Parathiscia conjugata* Melichar.

conjugata Melichar

- 1901 *Parathiscia conjugata* Melichar, Ann. Nat. Hofmus. Wien **16**: 194; Pl. 1, Figs. 3, 3a [n. sp., illustrated]^{1, 2, 3}
 1903 *Parathiscia conjugata* Kirkaldy, Entomologist **36**: 77 [Listed]¹
 1912 *Parathiscia conjugata* Schmidt, Stett. Ent. Zeit. **73**: 91 [Listed]¹ :92. [Key]⁴ :93 [Listed]^{3, 5}
 1923 *P[arathiscia] conjugata* Melichar, Gen. Insect. **182**: 10; Pl. 1, Fig. 13 [Catalogued, illustrated]^{2, 3, 5, 6, 7}
 1949 *Parathiscia conjugata* Fennah, Ann. Mag. Nat. Hist. (12) **2**: 166 [Comparative note]

LOCALITIES: ¹ Africa. ² Cape Verde Islands. ³ Belgian Congo. ⁴ Western Africa. ⁵ Cameroons. ⁶ Transvaal. ⁷ French Equatorial Africa.

truncatella Walker

- 1858 *Dalapax truncatella* Walker, List of Homopterous Insects. Addenda **1858**: 332 [n. sp.]¹
 1901 *Dalapax truncatella* Melichar, Ann. Nat. Hofmus. Wien **16**: 251 To *Pseudoflata nigricornis* Guér.-Mén. [error]
 1907 *Dalapax truncatella* Distant, Insecta Transvaaliensia **8**: 203 [Nomenclature]
 1910 *Parathiscia truncatella* Distant, Ann. Mag. Nat. Hist. (8) **5**: 298 [Catalogued]¹ Equals *Dalapax truncatella* Walk. Equals *Pseudoflata nigricornis* Mel. (in part.)
 1910 *Parathiscia truncatella* Distant, Insecta Transvaaliensia **10**: 248; Pl. XXIII, Figs. 2, 2a [Catalogued, illustrated]¹ Equals *Dalapax truncatella* Walk. Equals *Pseudoflata nigricornis* Mel. (in part.)
 1912 *Parathiscia truncatella* Schmidt, Stett. Ent. Zeit. **73**: 93 [Catalogued, key]^{1, 2, 3} Equals *Darapax* [sic] *truncatella* Walk. :91 [Notes]¹ Equals *Darapax* [sic] *truncatella* Walk.
 1923 *P[arathiscia] truncatella* Melichar, Gen. Insect. **182**: 10 [Catalogued]^{1, 2, 3} Equals *Dalapax truncatella* Walk.
 1923 *Dalapax truncatella* Melichar, Gen. Insect. **182**: 59 To *Pseudoflata postica* Spin. [error]

LOCALITIES: ¹ Natal. ² South Africa. ³ Mozambique.

Genus **Hemithiscia** Schmidt

ORTHOTYPE *Hemithiscia taeniatifrons* [n. sp.] Schmidt, Stett. Ent. Zeit. **73**: 95

TYPE *H[emithiscia] taeniatifrons* 1923 Melichar, Gen. Insect. **182**: 10

- Hemithiscia 1912 Schmidt, Stett. Ent. Zeit. **73**: 95 [gen. n.] :92
[Key]
1923 Melichar, Gen. Insect. **182**: 4 [Key] :10 [De-
scribed, catalogued, catalogue of species]
1930 Schulze, Kükenthal and Heider, Nomenclator
Animalium **3** (12): 1515 [Catalogued]
1939 Neave, Nomenclator Zoologicus **2**: 615 [Cata-
logued]

taeniatifrons Schmidt

1912 *Hemithiscia taeniatifrons* Schmidt, Stett. Ent. Zeit. **73**: 95
[n. sp.]¹

1923 *Hemithiscia taeniatifrons* Melichar, Gen. Insect. **182**: 10
[Catalogued]^{1, 2, 3, 4}

LOCALITIES: ¹ Tanganyika. ² East Africa. ³ Western Africa. ⁴ Cameroons.

Genus **Pseudothiscia** Schmidt

[ORTHO]TYPE *Pseudothiscia concavifrons* [n. sp.] 1912 Schmidt, Stett.
Ent. Zeit. **73**: 93

TYPE *P[seudothiscia] concavifrons* 1923 Melichar, Gen. Insect. **182**: 11

Pseudothiscia 1912 Schmidt, Stett. Ent. Zeit. **73**: 93 [gen. n.] :92
[Key]

1923 Melichar, Gen. Insect. **182**: 5 [Key] :11 [De-
scribed, catalogued, catalogue of species]

1935 Schulze, Kükenthal and Heider, Nomenclator
Animalium **4** (21): 2930 [Catalogued]

1940 Neave, Nomenclator Zoologicus **3**: 1008 [Cata-
logued]

concavifrons Schmidt

1912 *Pseudothiscia concavifrons* Schmidt, Stett. Ent. Zeit. **73**: 94
[n. sp.]¹

1923 *P[seudothiscia] concavifrons* Melichar, Gen. Insect. **182**: 11
[Catalogued]¹

LOCALITIES: ¹ Transvaal.

GENERIC AND SPECIFIC SYNONYMY

Genus **Aacanalonia**

Aacanalonia. Typographical error for *Acanalonia* Spinola.

Genus **Acalonia**

Acalonia. Typographical error for *Acanalonia* Spinola.

Genus *Acanalonia* (*Acanalonia* Spinola)

Acanalonia (*Acanalonia* Spinola). See *Acanalonia* Spinola.

Genus *Acanalonia* (*Thiscia* Stål)

Acanalonia (*Thiscia* Stål). See *Thiscia* Stål.

Genus *Acanatonia*

Acanatonia. Typographical error for *Acanalonia* Spinola.

Genus *Acanolonia*

Acanolonia. Typographical error for *Acanalonia* Spinola.

Genus *Acanomia*

Acanomia. Typographical error for *Acanonia* Amyot and Serville. See *Acanalonia* Spinola.

Genus *Acanonia* Amyot and Serville

Acanonia Amyot and Serville. Unnecessary emendation for *Acanalonia* Spinola.

bivittata Say. See *Acanalonia bivittata* Say.

chloris Berg. See *Acanalonia chloris* Berg.

conica Say. See *Acanalonia conica* Say.

decens Stål. See *Acanalonia decens* Stål.

florea Stål. See *Acanalonia umbraculata* Fabricius.

lata Walker. See *Acanalonia servillei* Spinola.

latifrons Walker. See *Acanalonia latifrons* Walker.

laurifolia Walker. See *Acanalonia laurifolia* Walker.

malina Germar. See *Acanalonia bivittata* Say.

nana Walker. See *Acanalonia bivittata* Say.

producta Stål. See *Batusa producta* Stål.

quadrata Walker. See *Acanalonia servillei* Spinola.

robusta Walker. See *Acanalonia servillei* Spinola.

sermibler. Typographical error for *Acanonia servillei* Spinola. See *Acanalonia servillei* Spinola.

servillei Spinola. See *Acanalonia servillei* Spinola.

sublinea Walker. See *Acanalonia sublinea* Walker.

umbraculata Fabricius. See *Acanalonia umbraculata* Fabricius.

varipennis Walker. See *Acanalonia varipennis* Walker.

virescens Stål. See *Acanalonia virescens* Stål.

Genus *Acauloma*

Acauloma. Typographical error for *Acanalonia* Spinola.

Genus *Acononia*

Acononia. Typographical error for *Acanonia* Amyot and Serville. See *Acanalonia* Spinola.

Genus *Amphiscepa* Uhler [nec Germar]

Amphiscepa Uhler [nec Germar] See *Acanalonia* Spinola.

bivittata. Typographical error for *Amphiscepa bivittata* Say. See *Acanalonia bivittata* Say.

bivittata Say. See *Acanalonia bivittata* Say.

bivittata var. *rubescens* Melichar. See *Acanalonia bivittata* var. *rubescens* Melichar.

calida Fowler. See *Acanalonia calida* Fowler.

cartilaginea Stål. See *Amphiscepa cartilaginea* Stål. Family ISSIDAE.

conica Say. See *Acanalonia conica* Say.

immaculata Kirkaldy. See *Acanalonia immaculata* Kirkaldy.

malina Germar. See *Acanalonia bivittata* Say.

plana Van Duzee. See *Acanalonia plana* Van Duzee.

pumila Van Duzee. See *Acanalonia pumila* Van Duzee.

rubescens Melichar (var.). See *Acanalonia bivittata* var. *rubescens* Melichar.

Genus *Amphiscepha*

Amphiscepha. Typographical error for *Amphiscepa* Uhler [nec Germar]. See *Acanalonia* Spinola.

Genus *Chlorochroa*

Chlorochroa. Typographical error for *Chlorochara* Stål.

Genus *Dalapax* Amyot and Serville

Dalapax Amyot and Serville. See *Pseudoflata* Guérin-Méneville. Family FLATIDAE, Fascicle IV, Part 13.

Genus *Euthiscia* Van Duzee

Euthiscia Van Duzee. See *Euthiscia* Van Duzee. Family ISSIDAE.

Genus *Orthophana* Melichar

Orthophana Melichar. See *Orthophana* Melichar. Family ISSIDAE.

Genus *Oryxana* Distant

Oryxana Distant. See *Oryxana* Distant. Family ISSIDAE.

Genus *Oxychara* Melichar

Oxychara Melichar. See *Glyphotonga* Schmidt. Family ISSIDAE.

Genus *Philates*

Philates. Typographical error for *Philatis* Stål.

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