

Nomenclatural changes in the suborders Auchenorrhyncha (Hemiptera) and Paleorrhyncha (Palaeohemiptera)

DMITRY A. DMITRIEV

Illinois Natural History Survey, Prairie Research Institute, University of Illinois at Urbana-Champaign, 1816 S. Oak St., Champaign, IL 61820. arboridia@gmail.com

Abstract

Nomenclatural changes are proposed for numerous taxon names in the Insect orders Hemiptera and Palaeohemiptera. New replacement names are proposed for six genera, three subgenera, 55 species and six subspecies, additionally a homonymous name for a genus and eight homonymous names for species are substituted with the names of junior synonyms; 13 new synonyms are recognized; type species are fixed for four genera; 26 new combinations for species names are established.

Key words: Homoptera, homonym, synonym, nomen novum, replacement name, substitute name, classification, taxonomy

Nomenclatorial databases provide a powerful mechanism for validation of nomenclature related information. Work on the MOWD: Membracoidea of the World Database (McKamey, 2019) and the World Auchenorrhyncha Database (Dmitriev, 2003 onward), which was recently migrated into TaxonWorks (2020) already led to the discovery of several problems related to Auchenorrhyncha nomenclature (e.g. McKamey, 1994, Liang & McKamey, 1996, McKamey, 2003, McKamey, 2006, Dmitriev & Dietrich, 2006, McKamey & Hicks, 2007, Zahniser, McKamey & Dmitriev, 2012, Dmitriev & McKamey, 2013, Dmitriev & Deitz, 2017). To bring the taxonomy of this group into compliance with the rules of the International Code of Zoological Nomenclature (ICZN, 1999), numerous additional nomenclatural changes are proposed in this paper.

Results

Order Hemiptera

Aphrophoridae Amyot & Serville, 1843

Aphrophorinae Amyot & Serville, 1843

Aphrophorini Amyot & Serville, 1843

† *Aphrophora pitoni* **nom.nov.**

= *Aphrophora maculata* Piton, 1936a: 94 (from Eocene) primary homonym of *Aphrophora maculata* Capanni, 1894a: 292 (from Europe) and primary homonym of *Aphrophora maculata* Edwards, 1920a: 53 (a synonym of *Aphrophora costalis* Matsumura, 1903a: 36)

Etymology: The species is named in honor of L.E. Piton, the author of the replaced name.

Cloviini Schmidt, 1920

Clovia atrata **nom.nov.**

= *Clovia nigricans* Synave, 1969: 404 (from Senegal) primary homonym of *Clovia rugosa* var. *nigricans* Jacobi, 1917a: 544 (from Madagascar)

Etymology: Latin adjective *atratus*, blackish.

Liorhina froggatti Distant, 1911c: 388

= *Clovia froggatti* var. *jacobi* (Lallemand, 1935a: 677) **syn.nov.** primary homonym of *Clovia declivis* var. *jacobii* Lallemand, 1912a: 43

Notes: *Clovia froggatti* var. *jacobi* (Lallemand, 1935a: 677) was described for an unnamed variety of this species, previously recognized by Jacobi (1921a). Hamilton (1980) transferred *C. froggatti* Distant and all its former subspecies (originally described as varieties) to the genus *Liorhina* Stål, but he did not mention *Clovia froggatti jacobii* in his publication. The homonymous variety is here treated as a synonym of *Liorhina froggatti* Distant and does not need to be replaced unless it is subsequently reinstated as a valid species-group name.

Rhinaulacini Lallemand, 1949

Poeciloterpa palauensis **nom.nov.**

= *Poeciloterpa minuta* Synave, 1957f: 229 (from Palau Island) secondary homonym of *Poeciloterpa minuta* (Lallemand, 1922a: 276) (from Luzon Island) originally described as *Poeciloptera* [sic] *nigrilumbata* [sic] var. *minuta* Lallemand, 1922.

Etymology: From Palau Island (western Pacific Ocean), adjective.

Cloviini Schmidt, 1920

Lepyronia synavei **nom.nov.**

= *Lepyronia angulata* Lallemand & Synave, 1955b: 5 (from China) secondary homonym of *Cercopis angulata* Fabricius, 1794a: 53 (synonym of *Lepyronia coleoptrata* (Linnaeus, 1758a: 437))

Etymology: The species is named in honor of Henri Synave (1921–1980), Belgian entomologist who specialized in Hemiptera.

Notes: The name *L. angulata* Lallemand & Synave could not be preserved under ICZN article 23.9, since it was barely used after the original description. The article requires that a name be used as valid in at least 25 works, published by at least 10 authors in the immediately preceding 50 years and encompassing a span of not less than 10 years.

Philaenini

Philaenus ceylonicus **nom.nov.**

= *Philaenus pallidus* (Melichar, 1903b: 135) (original genus *Ptyelus*; from Ceylon) secondary homonym of *Cercopis spumaria* var. *pallida* Zetterstedt, 1828a: 515 (synonym of *Philaenus spumarius* (Linnaeus, 1758a: 437))

Etymology: from Ceylon, adjective.

Notes: The name *Philaenus pallidus* (Melichar, 1903) could not be preserved under ICZN article 23.9 since the senior homonym was used as a valid subspecies name after 1899 and the junior homonym was not used as valid in 25 works, published by at least 10 authors.

Cercopidae Leach, 1815

Cercopinae Leach, 1815

Cercopini Leach, 1815

† *Cercopis giebeli* **nom.nov.**

= *Cercopis aurata* Giebel, 1862a: 314 (from Oligocene) primary homonym of *Bolidiana aurata* (Fabricius, 1787a: 274) (original genus *Cercopis*; from Brazil)

Etymology: Named in honor of Christoph Giebel (1820–1881), a German zoologist and palaeontologist.

Notes: ICZN Article 23.9.5 requires “when an author discovers that a species-group name in use is a junior primary homonym of another species-group name also in use, but the names apply to taxa not considered congeneric after 1899, the author must not automatically replace the junior homonym; the case should be referred to the Commission for a ruling under the plenary power...” However, according to the ICZN wiki (<http://iczn.ansp.org/wiki/Article24>), this article of the Code should only be applied to frequently used names (for which it is easy to find 25 publications in the sense of Article 23.9.2.). Since *Cercopis aurata* Giebel, 1862 is not a frequently used name, a new replacement name is proposed here.

† *Cercopis oswaldi* **nom.nov.**

= *Cercopis fasciata* Heer, 1853b: 100 (from Miocene) primary homonym of *Cercopis fasciata* Fabricius, 1787a: 275 (synonym of *Philaenus spumarius* (Linnaeus, 1758); widespread species)

Etymology: The species is named in honor of Oswald Heer (1809–1883), Swiss geologist and naturalist.

Notes: This homonymy is covered by Article 23.9.5 of the Code. See also notes on *Cercopis giebeli* **nom.nov.** Since *Cercopis fasciata* Heer, 1853 is not a frequently used name, a new replacement name is proposed here.

† *Cercopis oswaldheeri* **nom.nov.**

= *Cercopis pallida* Heer, 1853b: 97 (from Miocene) primary homonym of *Cercopis spumaria* var. *pallida* Zetterstedt, 1828a: 515 (synonym of *Philaenus spumarius* (Linnaeus, 1758); widespread species) and *Cosmoscarta pallida* (Walker, 1851b: 657); original genus *Cercopis*).

Etymology: The species is named in honor of Oswald Heer (1809–1883), Swiss geologist and naturalist.

Notes: This homonymy is covered by Article 23.9.5 of the Code. See also notes on *Cercopis giebeli* **nom.nov.** Since *Cercopis pallida* Heer, 1853 is not a frequently used name, a new replacement name is proposed here.

Cosmoscartini Schmidt, 1920

Cosmoscarta ferruginea (Walker, 1851b: 660) **reinstated**

= *Cercopis pallida* Walker 1851b: 657 (from India) primary homonym of *Cercopis spumaria* var. *pallida* Zetterstedt, 1828a: 515 (synonym of *Philaenus spumarius* (Linnaeus, 1758), widespread species).

= *Cercopis egens* Walker 1858b: 171

= *Cosmoscarta luangana* Lallemand, 1927b: 108 **syn.nov.**

Notes: Due to homonymy of the oldest name for this species, the name of the next oldest junior synonym is reinstated as a valid name for this taxon.

Gynopygoplax metcalfi **nom.nov.**

= *Gynopygoplax costalis* (Walker, 1851b: 651) (original genus *Cercopis*; from Philippine Islands) primary homonym of *Cuerna costalis* (Fabricius, 1803a: 4) (original genus *Cercopis*; from North America)

= *Gynopygoplax walkeri* Metcalf, 1961a: 425 replacement name for *Gynopygoplax costalis* (Walker, 1851) primary homonym of *Gynopygoplax submaculata* var. *walkeri* Lallemand, 1912a: 129 (from Java)

Etymology: The species is named in honor of Zeno Payne Metcalf (1885–1956), an entomologist who specialized in Auchenorrhyncha, North Carolina State University (Raleigh, USA)

Eoscartini Lallemand, 1924

Eoscarta (*Keducarta*) *atrata* **nom.nov.**

= *Eoscarta* (*Keducarta*) *fusca* Lallemand, 1949a: 50 (from Malay Peninsula) primary homonym of *Eoscarta* (*Paraeoscarta*) *liternoides* var. *fusca* Lallemand, 1935a: 679 (from Java).

Etymology: Latin adjective *atratus*, darkened.

Euryaulacini Schmidt, 1920

Leptataspis lallemandi **nom.nov.**

= *Leptataspis major* Lallemand, 1928e: 201 (described as *Leptataspis perakensis* var. *major* Lallemand; from Sumatra) primary homonym of *Leptataspis polyxena* var. *major* Schmidt, 1911e: 112 (from Sumatra)

Etymology: The species is named in honor of Victor Lallemand (1880–1965), a Belgian entomologist who specialized in Auchenorrhyncha.

Locrisini Lallemand, 1949

Locris thunbergi **nom.nov.**

Locris transversa (Thunberg, 1822a: 4) (original genus *Cercopis*; from Africa) primary homonym of *Cercopis transversa* Fabricius, 1798a: 523 (synonym of *Aphrodes bicincta* (Schrank, 1776a: 75), widespread species)

Etymology: The species is named in honor of Carl Peter Thunberg (1743–1828), a Swedish naturalist.

Notes: This homonymy is covered by Article 23.9.5 of the Code. See also notes on *Cercopis giebeli* **nom.nov.** Since *Locris transversa* (Thunberg, 1822) is not a frequently used name, a new replacement name is proposed here.

Trichoscartini Lallemand, 1949

= *Trichoscarta roborea lallemandi* **nom.nov.**

Trichoscarta roborea interrupta Lallemand, 1939b: 58 (from Borneo) primary homonym of *Trichoscarta pendleburyi* var. *interrupta* Lallemand, 1930b: 100 (from Malaya)

Etymology: The species is named in honor of Victor Lallemand (1880–1965), a Belgian entomologist who specialized in Auchenorrhyncha.

Ischnorhininae Schmidt, 1920

Neaenini Metcalf, 1939

Zuata quinquesignata (Lallemand, 1938d: 378) **reinstated, comb.nov.**

= *Zuata bipunctata* (Lallemand, 1924d: 378) (original genus *Tomaspis*; from Colombia) primary homonym of *Spheonorhina bipunctata* (Lallemand, 1912a: 96) (original genus *Tomaspis*; from Peru)

Notes: Due to homonymy of the oldest name for this species, the name of the next oldest junior synonym is reinstated as a valid name for this taxon.

Tomaspidini Jacobi, 1921

Sphenorhina fasciata **nom.nov.**

= *Sphenorhina unifasciata* Carvalho & Sakakibara, 1999: 95 (from Brazil) primary homonym of *Sphenorhina simulans* var. *unifasciata* Lallemand, 1927b: 115 (synonym of *Prosapia simulans* (Walker, 1858b: 183); from South America)

Notes: Latin adjective *fasciatus*, with band(s).

Cicadidae Latreille, 1802

Cicada fusca Müller, 1776a: 102 *nomen dubium* (from Northern Europe) primary homonym of *Cicada laternaria fusca* De Geer, 1773: 200

Notes: Although the name is a homonym, a replacement name is not proposed because the name has not been used since its original publication and the identity of the species has never been established. If the identity of the species is ever recognized, it will be treated as *nomen oblitum* (ICZN article 23.9).

Cicadinae Latreille, 1802

Cicadini Latreille, 1802

† *Cicada heeri* **nom.nov.**

= *Cicada bifasciata* Heer, 1853b: 90 (from Miocene) primary homonym of *Planaphrodes bifasciata* (Linnaeus, 1758a: 436) (original genus *Cicada*; widespread Palaearctic species)

Etymology: The species is named in honor of Oswald Heer (1809–1883), Swiss geologist and naturalist.

Notes: This homonymy is covered by Article 23.9.5 of the Code. See also notes on *Cercopis giebeli* **nom.nov.** Since *Cicada bifasciata* Heer, 1853 is not a frequently used name, a new replacement name is proposed here.

Cryptotympanini Handlirsch, 1925

Chremistica elenae seychellica **nom.nov.**

= *Chremistica elenae seychellensis* (Boulard, 2001f: 136) (from Seychelles) secondary homonym of *Chremistica pulverulenta seychellensis* (Boulard, 1999a: 79) (original genus *Antankaria*; from Seychelles)

Etymology: from Seychelles, adjective.

Diceroprocta swalei davis **nom.nov.**

= *Diceroprocta castanea* (Davis, 1916a: 49) (original genus *Cicada*; from USA) primary homonym of *Cicada castanea* Gmelin, 1789a: 2116 (synonym of *Penthimia nigra* (Goeze, 1778a: 161); widespread European species)
= *Diceroprocta swalei* var. *davis* Metcalf, 1963e: 201 **infrasubspecific**

Etymology: The subspecies is named in honor of William Thompson Davis (1862–1945), an entomologist who specialized in Cicadidae, Staten Island Museum (USA, New York).

Notes: Metcalf (1963e) proposed a replacement name *Diceroprocta swalei* var. *davisi* Metcalf, 1963e: 201 for *C. castanea* Davis, but this name is not available since it is described as infrasubspecific after 1960 (ICZN Article 15.2).

Capcicada absimilis (Distant, 1897a: 128) **reinstated**

=*Capcicada decora* (Germar, 1834a: 79) (original genus *Cicada*; from Africa) primary homonym of *Calliscarta decora* (Fabricius, 1803a: 69) (original genus *Cicada*; from Venezuela)

Notes: Metcalf (1963e: 53) used *Platypleura absimilis* (Distant, 1897) as the valid name for the taxon. He placed *Cicada decora* Germar, 1834 as a synonym of *P. absimilis*, but did not specify the reasons of invalidity of *C. decora* Germar, 1834, the senior synonym. Villet (1989b: 59), describing *Capcicada*, and being unaware of the homonymy, designated *C. decora* Germar, 1834 as the type species of the genus and placed *Platypleura absimilis* Distant, 1897 in the list of synonyms. This was repeated in the Catalogue of Cicadas by Sanborn (2014). To avoid homonymy, the name *Capcicada adsimilis* (Distant) is used as a substitute name for *Cicada decora* Germar, following Metcalf (1963).

Tibicininae Buckton, 1889

Tibicinini Buckton, 1889

Okanagana synodica atrata **nom.nov.**

Okanagana synodica var. *nigra* Davis, 1944a: 220 (from the United States) primary homonym of *Okanagana pallidula* var. *nigra* Davis, 1938a: 308 (synonym of *Okanagana pallidula* Davis, 1917b: 213; from the United States)

Etymology: Latin adjective *atratus*, darkened, blackened

Dysmorphoptilidae Handlirsch, 1906

† *Mesonirvana* Evans, 1956a: 191 **reinstated**

Type species: *Mesonirvana abrupta* Evans, 1956

= † *Eoscartoides* Evans, 1956a: 220 (type species: *Eoscartoides bryani* Evans, 1956a: 221) homonym of *Eoscartoides* Matsumura, 1940a: 69 (type species: *Eoscartoides elongates* Matsumura, 1940a: 70) (synonym of *Eoscarta* Breddin, 1902d: 58; Cercopidae).

Species included:

† *Mesonirvana bryani* (Evans, 1956a: 221) **comb.nov.** (original genus *Eoscartoides*)

† *Mesonirvana dmitryi* (Lambkin, 2016b: 211) **comb.nov.** (original genus *Eoscartoides*)

† *Mesonirvana orthoclada* (Tillyard, 1922b: 463) **comb.nov.** (original genus *Mesocixiodes*)

Notes: Lambkin (2016b) synonymized *Mesonirvana* Evans with *Eoscartoides* Evans, but *Eoscartoides* is a preoccupied name. Following ICZN Article 60, the name of a junior synonym is proposed as a substitute name for this taxon.

Aetalionidae Spinola, 1850

Aetalioninae Spinola, 1850

Aetalionini Spinola, 1850

Aetalion parvum **nom.nov.**

=*Aetalion minor* Fowler, 1897a: 172 (from Mexico) secondary homonym of *Tettigonia minor* Turton, 1802a: 582 (synonym of *Aetalion reticulatum* (Linnaeus, 1758a: 426); from South America)

Etymology: Latin adjective *parvus*, small.

Notes: This homonymy is covered by Article 23.9.5 of the Code. See also notes on *Cercopis giebeli* **nom.nov.** Since *Aetalion minor* Fowler, 1897 is not a frequently used name, a new replacement name is proposed here.

Aphrodinae Haupt, 1927

Xestocephalini Baker, 1915

Xestocephalus freytagi **nom.nov.**

Xestocephalus fasciatus Freytag, 2020a:282 (from Colombia) primary homonym of *Xestocephalus fasciatus* Evans, 1954a:127 (from Madagascar)

Etymology: The species is named in honor of Paul H. Freytag, an entomologist specializing in Cicadellidae, University of Kentucky (Lexington, USA).

Xestocephalus neobadius **nom.nov.**

= *Xestocephalus badius* DeLong, Wolda & Estribi, 1980a: 257 (from Panama) primary homonym of *Xestocephalus badius* Evans, 1954a: 128 (from Madagascar)

Etymology: Greek: νέος (new) + *X. badius* DeLong, Wolda & Estribi, 1980, from Latin adjective: *badius*, bay, reddish-brown, chestnut.

Cicadellinae Latreille, 1825

Cicadellini Latreille, 1825

Atkinsoniella tripunctata **nom.nov.**

= *Atkinsoniella trimaculata* Li, 1992b: 347 (from China) secondary homonym of *Kolla trimaculata* Schmidt, 1911b: 297 (synonym of *Atkinsoniella opponens* (Walker, 1851b: 757); from Indonesia)

Etymology: Latin participle *tripunctatus*, having tree dots.

Bothrogonia obscurata **nom.nov.**

=*Bothrogonia obscura* (Walker, 1851b: 738) (original genus *Tettigonia*; from Asia) primary homonym of *Tettigonia obscura* Fabricius, 1803a: 36 (synonym of *Lyristes plebejus* (Scopoli, 1763); widespread European species)

Etymology: Latin adjective *obscuratus*, somewhat darkened.

Notes: This homonymy is covered by Article 23.9.5 of the Code. See also notes on *Cercopis giebeli* **nom.nov.** Since *Bothrogonia obscura* (Walker, 1851) is not a frequently used name, a new replacement name is proposed here.

† *Cicadella parobtectata* **nom.nov.**

=*Cicadella obtectata* (Scudder, 1877a: 760) (original genus *Tettigonia*; from Miocene) primary homonym of *Dicero-pyga obtectata* (Fabricius, 1803a: 35) (original genus *Tettigonia*; from Indonesia)

Etymology: Greek: παρ, near + *C. obtectata* (Scudder, 1877), from Latin participle *obtectus*, covered.

Notes: This homonymy is covered by Article 23.9.5 of the Code. See also notes on *Cercopis giebeli* **nom.nov.** Since *Cicadella oblecta* (Scudder, 1877) is not a frequently used name, a new replacement name is proposed here.

Conogonia testaceipennis **nom.nov.**

=*Conogonia testacea* (Walker, 1870b: 304) (original genus *Tettigonia*; from Philippines) primary homonym of *Huechys incarnata testacea* (Fabricius, 1787a: 267) (original genus *Tettigonia*; from India)

Etymology: Latin: *testaceus*, brick-colored + *pennis*, winged, an adjective.

Notes: This homonymy is covered by Article 23.9.5 of the Code. See also notes on *Cercopis giebeli* **nom.nov.** Since *Conogonia testacea* (Walker, 1870) is not a frequently used name, a new replacement name is proposed here.

Erythrogonia victori **nom.nov.**

=*Erythrogonia dorsalis* (Signoret, 1853b: 349) (original genus *Tettigonia*; from Brazil) primary homonym of *Quintilia dorsalis* (Thunberg, 1822a: 6) (original genus *Tettigonia*; from South Africa)

Etymology: The species is named in honor of Victor Antoine Signoret (1816–1889), a French pharmacologist, physician, and entomologist.

Notes: This homonymy is covered by Article 23.9.5 of the Code. See also notes on *Cercopis giebeli* **nom.nov.** Since *Erythrogonia dorsalis* (Signoret, 1853) is not a frequently used name, a new replacement name is proposed here.

Erythrogonia splendidula **nom.nov.**

=*Cicada festiva* Fabricius, 1798: 521 (from South America) primary homonym of *Cicada festiva* Fabricius, 1794: 39 (synonym of *Eupteryx aurata* (Linnaeus, 1758: 439); widespread European species)

=*Erythrogonia splendida* (Fabricius, 1803a: 68) (original genus *Cicada*) replacement name for *Cicada festiva* Fabricius, 1798; primary homonym of *Cicada splendida* Turton, 1802a: 598 (unnecessary replacement name for *Lamproteutix nitidulus* (Fabricius, 1787a: 273); from Europe)

Etymology: Latin adjective *splendidulus*, somewhat shiny, glittering.

Notes: This homonymy is covered by Article 23.9.5 of the Code. See also notes on *Cercopis giebeli* **nom.nov.** Since *Erythrogonia splendida* (Fabricius, 1803) is not a frequently used name, a new replacement name is proposed here.

Fusigonalia signoreti **nom.nov.**

=*Fusigonalia oblecta* (Signoret, 1855d: 798) (original genus *Tettigonia*; from South America) primary homonym of *Diceropyga oblecta* (Fabricius, 1803a: 35) (original genus *Tettigonia*; from Asia)

Etymology: Named in honor of Victor Antoine Signoret (1816–1889), a French pharmacologist, physician, and entomologist.

Notes: This homonymy is covered by Article 23.9.5 of the Code. See also notes on *Cercopis giebeli* **nom.nov.** Since *Fusigonalia oblecta* (Signoret, 1855) is not a frequently used name, a new replacement name is proposed here.

Scoposcartula concinnula **nom.nov.**

=*Scoposcartula concinna* (Perty, 1833a: 180) (original genus *Tettigonia*; from Brazil) primary homonym of *Eurhadina concinna* (Germar, 1831a: pl.12) (original genus *Tettigonia*; widespread European species)

Etymology: Latin adjective *concinnulus*, somewhat elegant, pretty.

Notes: This homonymy is covered by Article 23.9.5 of the Code. See also notes on *Cercopis giebeli* **nom.nov.** Since *Scoposcartula concinna* (Perty, 1833) is not a frequently used name, a new replacement name is proposed here.

Sonesimia magna **nom.nov.**

=*Sonesimia grossa* (Signoret, 1854a: 24) (original genus *Tettigonia*; from Brazil) primary homonym *Diceroprocta grossa* (Fabricius, 1775a: 678) (original genus *Tettigonia*; from USA)

Etymology: Latin adjective *magnus*, large, big.

Notes: This homonymy is covered by Article 23.9.5 of the Code. See also notes on *Cercopis giebeli* **nom.nov.** Since *Sonesimia grossa* (Signoret, 1854) is not a frequently used name, a new replacement name is proposed here.

Tylozygus fuscolineellus (Fowler, 1900d: 290) **reinstated**

=*Tettigonia fasciata* Walker, 1851b: 780 (original genus *Tettigonia*; from USA) primary homonym of *Tosena fasciata* (Fabricius, 1787) (original genus *Tettigonia*; from Java)

=*Tettigonia fuscolineella* var. *fronterae* Fowler, 1900d: 290 **syn.nov.**

Notes: Due to homonymy of the oldest name for this species, the name of the next oldest junior synonym is reinstated as a valid name for this taxon.

Tettigonia kanalensis **nom.nov.**

=*Tettigonia amaena* Perroud & Montrouzier, 1864a: 244 (from New Caledonia) primary homonym with alternative spelling -ae/-oe- of *Pawiloma amoena* (Walker, 1851) (original genus *Tettigonia*; from South America)

Etymology: from Kanala (New Caledonia).

Notes: This homonymy is covered by Article 23.9.5 of the Code. See also notes on *Cercopis giebeli* **nom.nov.** Since *Tettigonia amaena* (Perroud & Montrouzier, 1864) is not a frequently used name, a new replacement name is proposed here.

Tettigonia dimidia **nom.nov.**

=*Tettigonia dimidiata* Signoret, 1853c: 680 (from Java) primary homonym of *Tettigonia dimidiata* Fabricius, 1803a: 42 (synonym of *Cicadetta montana* (Scopoli, 1772a: 109); from Europe)

Etymology: Latin adjective *dimidius*, divided in half.

Notes: This homonymy is covered by Article 23.9.5 of the Code. See also notes on *Cercopis giebeli* **nom.nov.** Since *Tettigonia dimidiata* Signoret, 1853 is not a frequently used name, a new replacement name is proposed here. It is important to notice that some copies of the same edition of Fabricius' (1803a) book, apparently, have corrections made directly in the text, in addition to the Emendanda slip attached at the end of the book. The University of Illinois at Urbana-Champaign Library (USA) has two copies of the book. One of the copies has the taxon 50 on page 42 marked as *dimidiata*, while the other copy has the same taxon labeled as *haematodes*. Apparently in the middle of the printing process, an incorrect identification was discovered, and a new species name was introduced. The name is still available according to ICZN (1999), since the name was published in numerous copies of the book.

Molomea signoreti Melichar, 1925a: 402 **reinstated, comb.nov.**

= *Molomea cincta* (Signoret, 1854b: 363) (original genus *Tettigonia*; from Brazil) primary homonym of *Diemeniana cincta* (Fabricius, 1803a: 38) (original genus *Tettigonia*; from New Caledonia)

Notes: Due to homonymy of the oldest name for this species, the name of the next oldest junior synonym is reinstated as a valid name for this taxon.

Paraulacizes ochracea (Walker, 1858b: 244) **reinstated; comb.nov.**

Paraulacizes aurantiaca (Signoret, 1855b: 225) (original genus *Tettigonia*; from Mexico) primary homonym of † *Cicadella aurantiaca* (Heer, 1853b: 109) (original genus *Tettigonia*, Tertiary).

Notes: Due to homonymy of the oldest name for this species, the name of the next oldest junior synonym is reinstated as a valid name for this taxon.

Coelidiinae Dohrn, F., 1859

Coelidiini Dohrn, F., 1859

Tripesidia obscurata **nom.nov.**

=*Tripesidia obscura* (Stål, 1870c: 735) (original genus *Jassus*, from Philippines) primary homonym of *Jassus fruticola* var. *obscurus* Zetterstedt, 1828a: 543 (synonym of *Oncopsis flavicollis* (Linnaeus, 1761a: 242); from Europe)

Etymology: Latin adjective *obscuratus*, somewhat dark, dusky.

Notes: This homonymy is covered by Article 23.9.5 of the Code. See also notes on *Cercopis giebeli* **nom.nov.** Since *Tripesidia obscura* (Stål, 1870) is not a frequently used name, a new replacement name is proposed here.

Teruliini Nielson, 1979

Docalidia carinata (Osborn, 1924c: 444) **reinstated, comb.nov.**

=*Docalidia pallida* Osborn, 1924c: 442 (original genus *Jassus*; from Brazil) primary homonym of *Jassus* (*Deltocephalus*) *striatus* var. *pallidus* Flor, 1861a: 262 (synonym of *Psammotettix striatus* (Linnaeus, 1758a: 437); widespread species)

Notes: Due to homonymy of the oldest name for this species, the name of the next oldest junior synonym is reinstated as a valid name for this taxon.

Youngolidiini Nielson, 1983

Youngolidia vittipennis (Spångberg, 1878b: 35) **reinstated, comb.nov.**

= *Youngolidia patruelis* Spångberg, 1878b: 32 (original genus *Jassus*; from Colombia) primary homonym of *Caf-frolix patruelis* (Stål, 1859b: 295) (original genus *Jassus*; from South Africa)

Notes: Due to homonymy of the oldest name for this species, the name of the next oldest junior synonym is reinstated as a valid name for this taxon.

Deltocephalinae Dallas, 1870

Athysanini Van Duzee, 1892

Thamnotettix fuscus **nom.nov.**

=*Thamnotettix infuscatus* Matsumura, 1911b: 28 (from Sakhalin, Russia) primary homonym of *Thamnotettix infuscata* Gillette & Baker, 1895 (synonym of *Thamnotettix confinis* Zetterstedt, 1828a: 527, from Colorado, USA)

=*Thamnotettix matsumurai* McKamey & Hicks, 2007a: 933 replacement name for *Thamnotettix infuscatus* Matsumura, 1911; primary homonym of *Melillaia matsumuri* (Metcalf, 1955) (original genus *Thamnotettix*)

Etymology: Latin adjective *fuscus*, dark, dusky.

Notes: McKamey & Hicks (2007) proposed a replacement name for *T. infuscatus* Matsumura, 1911. Unfortunately, this name is also a homonymic name with variant spelling (ICZN Article 58).

Bahitini Zahniser & Dietrich, 2013

Parakyra **nom.nov.**

type species *Kyra paranaigua* Zanol, 2011b: 2

=*Kyra* Zanol, 2011b: 1 (type species *Kyra paranaigua* Zanol, 2011b: 2) homonym of *Kyra* Gozmány, 1958 (Lepidoptera, Pyralidae, type species *Myelois cirrigerella* Zincken, 1818)

Etymology: Greek: παρά (near) + *Kyra* Zanol, 2011; from Tupi (Tupian language family spoken in South America): *kyra*, new; gender feminine.

Included species:

Parakya guaira (Zanol, 2011) **comb.nov.** (original genus *Kyra*)

Parakya paranaigua (Zanol, 2011) **comb.nov.** (original genus *Kyra*)

Parakya umbrina (Linnavuori, 1955) **comb.nov.** (original genus *Bahita*)

Deltocephalini Dallas, 1870

Maiestas lineata **nom.nov.**

=*Maiestas bilineata* Dash & Viraktamath, 1998a: 14 (original genus *Deltocephalus*; from India) primary homonym of *Cosmotettix bilineatus* (Gillette & Baker, 1895a: 85) (original genus *Deltocephalus*; from USA)

Etymology: Latin adjective *lineatus*, lined.

Maiestas parajogensis **nom.nov.**

Maiestas truncata Dash & Viraktamath, 1998a: 29 (original genus *Deltocephalus*; from India) primary homonym of *Miraldus truncatus* (Melichar, 1902b: 80) (original genus *Deltocephalus*; from Spain and Portugal)

Etymology: Greek: παρά (near) + *Maiestas jogensis* (Dash & Viraktamath, 1998), from from Jog Falls (India); adjective; referring to similarity to this species.

Drabescini Ishihara, 1953

Chandrashekara **nom.nov.**

type species: *Chandra dehradunensis* Meshram, 2017

=*Chandra* Meshram in Meshram, Shashank & Sinha, 2017: 4 (type species: *Chandra dehradunensis* Meshram, 2017) homonym of *Chandra* George, 2004 (type species: *Chandra taylorae*, George, 2004; synonym of *Katianira* Hanse, 1916; Isopoda: Katianiridae)

Etymology: The genus is named in honor of Chandrashekara A. Viraktamath, an entomologist specializing in Auchenorrhyncha, University of Agricultural Sciences (India, Bangalore); the gender is masculine.

Included species:

Chandrashekara dehradunensis (Meshram, 2017) **comb.nov.** (original genus *Chandra*)

Mukariini Distant, 1908

Scaphotettix curvatus **nom.nov.**

=*Scaphotettix arcuatus* Viraktamath & Webb, 2019: 27 (from India) primary homonym of *Scaphomonus arcuatus* (Viraktamath & Mohan, 1994: 466) (original genus *Scaphotettix*; from India)

Etymology: Latin adjective *curvatus*, bent, curved (referring to the shape of the ventral pygofer process).

Opsiini Emeljanov, 1962

Masiripius Dlabola, 1981: 273

Type species *Mahalana lubugris* Distant, 1918 (here designated)

Notes: The genus *Masiripius* Dlabola, 1981 (p. 273) was established with the type species *Platymetopius zizyphi* Bergevin, 1922 by original designation.

Viraktamath & Murthy (1999: 44) pointed out the misidentification of the type species of *Masiripius* by Dlabola (1981) and proposed the actual taxonomic species studied by Dlabola, *Mahalana lugubris* Distant, 1918, as the new type species of the genus. Unfortunately, according to the 3rd edition of the International Code of Zoological Nomenclature (ICZN, 1985), effective at that time, this was an illegitimate action. The cases of type species misidentification (Article 70b) had to be referred to the Commission for resolution. The 4th edition of the International Code of Zoological Nomenclature (ICZN, 1999) allows resolution of the cases like this one without application to the Commission. Article 70.3.2 is applied here to fix *Mahalana lubugris* Distant, 1918, the taxonomic species actually involved in the misidentification as the type species of the genus *Masiripius*.

This action preserves the genus *Oshaibahus* El-Sonbati & Wilson, 2017 in El-Sonbati, Wilson & Al Dhafer (2017: 10) as valid because the latter was established based on the type species *Platymetopius zizyphi* Bergevin, 1922 (by original designation).

Scaphytopiini Oman, 1943

Scaphytopius breviceps **nom.nov.**

=*Scaphytopius abruptus* (DeLong, 1944c: 44) (original genus *Hebenarus*; from Mexico) secondary homonym of *Platymetopius abruptus* Ball, 1909c: 165 (synonym of *Scaphytopius (Convelinus) fuscifrons* (Van Duzee, 1894d: 206); from USA)

=*Scaphytopius delongi* McKamey & Hicks, 2007a: 933 replacement name for *Scaphytopius abruptus* (DeLong, 1944) primary homonym of *Scaphytopius (Cloanthanus) acutus delongi* Young, 1952c: 248 (from USA)

Etymology: Latin: *brevis*, short + *ceps*, head; noun.

Notes: McKamey & Hicks (2007) proposed a new name for *Scaphytopius abruptus* (DeLong, 1944), but this name is also a homonym and needs a replacement.

Eurymelinae Amyot & Serville, 1843

Idiocerini Baker, 1915

Idiocerus (Idiocerus) rutilus **nom.nov.**

=*Idiocerus fulvus* Osborn, 1923b: 17 (from Brazil) primary homonym of *Idiocerus scurra* var. *fulvus* Rey, 1894b: 30 (synonym of *Rhytidodus decimusquartus* (Schrank, 1776a: 76); from Europe)

Etymology: Latin adjective *rutilus*, reddish yellow.

Notes: The name *Idiocerus fulvus* Osborn cannot be considered a *nomen protectum*, according to ICZN Article 23.9.1. since the name was not used in 25 works, published by at least 10 authors.

Idiocerus inauditus **nom.nov.**

=*Idiocerus rossi* Freytag & Cwikla, 1984a: 341 (from Madagascar) primary homonym of *Idiocerus rossi* Freytag, 1965a: 405 (synonym of *Idiocerus nervatus* Van Duzee, 1894f: 205; from the USA)

Etymology: Latin adjective *inauditus*, novel, new.

Longicaudata **nom.nov.**

type species *Longicauda trilineata* Zhang & Wu, 2000

=*Longicauda* Zhang & Wu, 2000a: 23 (type species *Longicauda trilineata* Zhang & Wu, 2000) homonym of *Amoeba* (*Longicauda*) Korotneff, 1880a: 470 (type species *Longicauda amoebina* Korotneff, 1880a: 470; Sarcomastigophora: Amoebidae)

Etymology: Latin: longus (long) + cauda (tail); the gender is feminine.

Included species:

Longicaudata circula (Freytag, 2014) **comb.nov.** (original genus *Longicauda*)

Longicaudata fasciata (Freytag, 2014) **comb.nov.** (original genus *Longicauda*)

Longicaudata loeiensis (Freytag, 2014) **comb.nov.** (original genus *Longicauda*)

Longicaudata obliqua (Freytag, 2014) **comb.nov.** (original genus *Longicauda*)

Longicaudata plura (Freytag, 2014) **comb.nov.** (original genus *Longicauda*)

Longicaudata quadrata (Freytag, 2014) **comb.nov.** (original genus *Longicauda*)

Longicaudata similis (Freytag, 2014) **comb.nov.** (original genus *Longicauda*)

Longicaudata trilineata (Zhang & Wu, 2000) **comb.nov.** (original genus *Longicauda*)

Macropsini Evans, 1935

Macropsis (*Macropsis*) *firma* **nom.nov.**

=*Macropsis* (*Macropsis*) *robusta* Li, Dai & Li, 2012 in Li, Dai, Li & Tishechkin, 2012a: 58 (from China) primary homonym of *Macropsis* (*Neomacropsis*) *robusta* Breakey, 1932a: 823 (from North America)

Etymology: Latin adjective *firmus*, firm, solid, strong.

Macropsis atrata **nom.nov.**

=*Macropsis ater* Huang & Viaktamath, 1993a: 368 (from Taiwan) primary homonym of *Momoria atra* (Baker, 1900a: 56) (from the USA, original genus *Macropsis*).

Etymology: Latin adjective *atratus*, blackened, darkened.

Macropsis viridicephalus **nom.nom.**

=*Macropsis viridiceps* Evans 1941e: 40 primary homonym of *Macropsis glandacea* var. *viridiceps* Wagner, 1941a: 104 (synonym of *Macropsis glandacea* Fieber 1868a: 458)

Etymology: Latin *viridis*, green + Greek: κέφαλος, head. The name is a noun in apposition.

Notes: Hamilton (1980) noted that *M. viridiceps* Evans is preoccupied by *Macropsis viridiceps* Wagner since Wagner's name was published in April 1941 and Evans' in July 1941. However, he did not propose a replacement name.

Pediopsoides (*Pseudonanopsis*) **nom.nov.**

type species: *Bythoscopus distinctus* Van Duzee, 1890, **fixed here**

=*Pediopsoides* (*Nanopsis*) Freytag, 1974a: 605 (type species: *Bythoscopus distinctus* Van Duzee, 1890, **fixed here**) homonym of † *Nanopsis* Henningsmoen, 1954a: 56 (fossil Ostracoda; type species: *Beyrichia nanella* Moberg & Segerberg, 1906)

Etymology: The new proposed name is derived from the original genus name *Nanopsis* Freytag, 1974, from Greek νάννος, dwarf + ὄψις, appearance with Greek prefix: ψευδο- (false). The gender is feminine.

Included species:

Pediopsoides (Pseudonanopsis) davisi (Knull, 1940a: 372) (original genus *Macropsis*)

Pediopsoides (Pseudonanopsis) distinctus (Van Duzee, 1890i: 225) (original genus *Bythoscopus*)

Notes: Hamilton (1980b) stated that Freytag (1974a) when establishing the genus *Nanopsis* misidentified its type species, *Jassus vertices* Say, which is placed now in the genus *Idiocerus*. Hamilton stated that the species studied by Freytag was actually *Bythoscopus distinctus* Van Duzee and proposed it as the type species of the genus. Unfortunately, this could not be accepted as a valid type designation according to the Third Edition of the International Code of Zoological Nomenclature (ICZN, 1964). At that time, application to the Commission was the only possible solution and such an application was never submitted. Following article 70.3.2 of the most recently published version of the Code (ICZN, 1999), the taxonomic species actually involved in the misidentification, *Bythoscopus distinctus* Van Duzee, 1890, is here fixed as the type species.

Oncopsis (Oncopsis) Burmeister, 1838a: 10 (type species: *Cicada flavicollis* Linnaeus, 1761 by subsequent designation of Westwood, 1840)

=*Oncopsis (Sispocnis)* Anufriev, 1967a: 174 **syn.nov.** (type species *Bythoscopus juglans* Matsumura, **fixed here**)

Notes: Hamilton (1980b) stated that Anufriev (1967a), when establishing the subgenus *Sispocnis*, misidentified its type species, *Bythoscopus juglans* Matsumura, which is now considered a synonym of *Oncopsis nitobei* (Matsumura, 1912b: 303). Hamilton noticed that the species studied by Anufriev was actually *Oncopsis kurentsovi* Anufriev, 1977 and proposed it as the type species of the genus. Unfortunately, this could not be accepted as a valid type designation according to the Third Edition of the International Code of Zoological Nomenclature (ICZN, 1964). At that time, application to the Commission was the only possible solution. Besides, *O. kurentsovi* Anufriev, was not yet described when *Sispocnis* was established. Following article 70.3.1 (ICZN, 1999), the nominal species previously cited as type species, *Bythoscopus juglans* Matsumura, is fixed here, making *Sispocnis* a synonym of *Oncopsis (Oncopsis)*. A new subgenus name is established here to include species formerly placed in *Sispocnis*.

Pediopsoides (Neosispocnis) **subgen.nov.**

Type species: *Oncopsis kurentsovi* Anufriev, 1977

Description: Please see the original description of *Oncopsis (Sispocnis)* Anufriev, 1967.

Notes: *Pediopsoides (Neosispocnis)* is described here to replace *Oncopsis (Sispocnis)* Anufriev, 1967 which was described based on the species with incorrectly identified type specimen.

Etymology: The name is derived from *Sispocnis* Anufriev, 1967, which is a partial anagram of *Oncopsis*, plus Greek prefix véo- (new). The gender is feminine.

Included species:

Pediopsoides (Neosispocnis) aomians (Kuoh, 1981) (original genus *Oncopsis*)

Pediopsoides (Neosispocnis) dilatus Dai & Zhang, 2009 (original genus *Pediopsoides*)

Pediopsoides (Neosispocnis) kogotensis (Matsumura, 1912) (original genus *Bythoscopus*)

Pediopsoides (Neosispocnis) kurentsovi (Anufriev, 1977b: 12) (original genus *Oncopsis*)

Pediopsoides (Neosispocnis) rectus Li, Li & Dai, 2019 (original genus *Pediopsoides*)

Pediopsoides (Neosispocnis) sharmai (Viraktamath, 1981b: 308) (original genus *Sispocnis*)

Pediopsoides (Neosispocnis) triangulus Li, Li & Dai, 2019 (original genus *Pediopsoides*)

Evacanthinae Metcalf, 1939**Evacanthini Metcalf, 1939**

Evacanthus bellulus **nom.nov.**

=*Evacanthus bellus* Distant, 1918b: 11 (original genus *Euacanthus*; from India) primary homonym of † *Evacanthus*

bellus Meunier, 1914a: 192 (original genus *Euacanthus*; from Oligocene)

Etymology: Latin adjective *bellulus*, diminutive from *bellus*, pretty, lovely, beautiful.

Evacanthus (*Neocanthus*) **nom.nov.**

type species *Euacanthus ogumae* Matsumura, 1911

= *Evacanthus* (*Paracanthus*) Anufriev, 1978a: 63 (type species *Euacanthus ogumae* Matsumura, 1911, by original designation) homonym of *Paracanthus* Merriam, 1973 (type species *Aulophyllum richardsoni* Meek, 1867; Cnidaria: Rugosa)

Etymology: A proposed new subgenus name is derived from the original name, *Paracanthus* Anufriev, 1978, with Greek prefix véo- (new). The gender is masculine.

Included species:

Evacanthus (*Neocanthus*) *ogumae* (Matsumura, 1911b: 21) (original genus *Euacanthus*)

Iassinae Walker, 1870

Gyponini Stål, 1870

Gypona (*Marganalana*) *delongi* **nom.nov.**

= *Gypona* (*Marganalana*) *palens* DeLong, 1980f: 229 (from Brazil) primary homonym with alternative spelling (ICZN, 1999, Article 58.7) of *Gypona pallens* Burmeister, 1839b: 2 (from Brazil)

Etymology: The species is named in honor of Dwight Moore DeLong (1892–1984), an entomologist who specialized in Auchenorrhyncha, Ohio State University (Columbus, USA).

Gyponana (*Gyponana*) *freytagi* **nom.nov.**

= *Gyponana* (*Gyponana*) *arta* DeLong & Freytag, 1964a: 116 (from Mexico) primary homonym with alternative spelling (ICZN, 1999, Article 58.8) of *Gyponana arcta* DeLong, 1942d: 29 (synonym of *Gyponana striata* (Burmeister, 1839b: 3); from the USA)

Etymology: The species is named in honor of Paul H. Freytag, an entomologist specializing in Cicadellidae, University of Kentucky (Lexington, USA).

Polana (*Hobemanella*) *freytagi* **nom.nov.**

= *Polana* (*Hobemanella*) *chelata* DeLong & Freytag, 1972f: 244 (from Peru) secondary homonym with alternative spelling (ICZN, 1999, Article 58.10) of *Polana (Nihilana) celata* (Fowler, 1903b: 316) (original genus *Gypona*; from North and Central America)

Etymology: The species is named in honor of Paul H. Freytag, an entomologist specializing in Cicadellidae, University of Kentucky (Lexington, USA).

Polana (*Polana*) *inimicus* DeLong, 1976g: 28 (from Peru) and *Polana* (*Polana*) *inimica* DeLong & Freytag, 1972f: 282 (from Colombia) should not be treated as homonyms, since both names are nouns in apposition, and their form does not change (ICZN, 1999, Article 31.2.2)

Megophthalminae Kirkaldy, 1906

Agalliini Kirkaldy, 1901

Agallia costaricensis **nom.nov.**

= *Agallia instabilis* Linnavuori, 1965b: 138 (from Costa Rica) primary homonym of † *Agallia instabilis* Scudder, 1890a: 306 (from Miocene)

Etymology: from Costa Rica. The name is an adjective.

Anaceratagallia glabra **nom.nov.**

= *Anaceratagallia laevis* (Ribaut, 1935) (original genus *Agallia*; from Europe) primary homonym of *Agallia sinuata* var. *laevis* Bergevin, 1934b: 129 (from Algeria)

Etymology: from Latin adjective *glaber*, smooth, hairless.

Typhlocybinae Kirschbaum, 1868

Empoascini Distant, 1908

Empoasca (Empoasca) luyensis **nom.nov.**

= *Empoasca (Empoasca) spiculata* Yu & Yang, 2014a: 28 (from China) primary homonym of *Empoasca (Hebata) spiculata* Oman & Wheeler, 1938a: 135 (from the USA).

Etymology: The species is named for its type locality, Luya Mountain (China: Shanxi Prov.). The name is an adjective.

Erythroneurini Young, 1952

Erythroneura browni Dmitriev & Dietrich, 2007a: 72

= *Erythroneura confusa* Chandler, 2017 in Chandler & Hamilton, 2017a: 945 **syn.nov.**

Notes: The vial with dissected genitalia of the holotype specimen of *Erythroneura confusa* Chandler, 2017 contains part of both *Erythroneura browni* Dmitriev & Dietrich, 2007 and *Erasmoneura atra* Johnson, 1935. The pinned body belongs to the former species.

Erythroneura rubrella McAtee, 1920a: 316

= *Erythroneura viridis* Chandler, 2017 in Chandler & Hamilton, 2017a: 945 **syn.nov.**

Eratoneura bigemina (McAtee, 1920a: 300)

= *Eratoneura hampshirensis* Chandler, 2017 in Chandler & Hamilton, 2017a: 943 **syn.nov.**

Erythridula frisoni (Ross & DeLong, 1953a: 80)

= *Erythridula morsei* Chandler, 2017 in Chandler & Hamilton, 2017a: 944 **syn.nov.**

Erythridula cruciformis (Beamer, 1930b: 443)

= *Erythridula bassorum* Chandler, 2017 in Chandler & Hamilton, 2017a: 944 **syn.nov.**

Achilidae Stål, 1866

Neoacus **nom.nov.**

Type species: *Acus acutulus* Chen, Yang & Wilson 1989

= *Acus* Chen, Yang & Wilson, 1989a: 28 (type species *Acus acutulus* Chen, Yang & Wilson 1989) homonym of *Acus* Grey, 1847 (type species *Buccinum maculatum* Linnaeus, 1758; Mollusca: Gastropoda: Terebridae)

Etymology: Greek: νέος (new) + *Acus* Chen, Yang & Wilson, 1989, from Latin *acus*, pin, needle; the gender is masculine.

Included species:

Neoacus acutulus (Chen, Yang & Wilson 1989) **comb.nov.** (original genus *Acus*)

Notes: The name *Acus* Chen, Yang & Wilson, 1989 could not be preserved under ICZN article 23.9 since it was not used as valid in 25 works, published by at least 10 authors.

***Metalticeps* nom.nov.**

Type species: *Alticeps vigilis* Williams, 1977

=*Alticeps* Williams, 1977a: 669 (type species *Alticeps vigilis* Williams, 1977) homonym of *Alticeps* Gistel, 1848: viii (unnecessary replacement name for *Cephalopterus* Geoffroy, 1809; type species *Cephalopterus ornatus*, Geoffroy, 1809)

Etymology: Greek: μετα-, different + *Alticeps* Williams, 1977, from Latin: *altus*, tall + *ceps*, head; the gender is masculine.

Notes: The name *Alticeps* Williams, 1977 could not be preserved under ICZN article 23.9 since it was not used as valid in 25 works, published by at least 10 authors.

Included species:

Metalticeps vigilis (Williams, 1977) **comb.nov.** (original genus *Alticeps*)

Cixiidae Spinola, 1839

Cixiinae Spinola, 1839

Brixiini Emeljanov, 2002

***Brixia bipunctella* nom.nov.**

=*Brixia bipunctata* van Stalle, 1984d: 142 (from Côte d'Ivoire) primary homonym of *Brixia belouvensis bipunctata* Synave 1960d: 143 (synonym of *Brixia belouvensis* Synave, 1960; from Réunion Island, France)

Etymology: Latin noun in apposition *bipunctella*, two small dots.

Cixiini Spinola, 1839

***Cixius bipunctulatus* nom.nov.**

=*Cixius bipunctatus* (Linnaeus, 1767a: 710) (original genus *Cicada*; from Brazil) primary homonym of *Cicada bipunctata* Scopoli, 1763a: 115 (synonym of *Philaenus spumarius* (Linnaeus, 1758a: 437); widespread species)

Etymology: Latin adjective *bipunctulatus*, having two small dots.

Notes: This homonymy is covered by Article 23.9.5 of the Code. See also notes to *Cercopis giebeli* **nom.nov.** Since *Cixius bipunctatus* (Linnaeus, 1767) is not a frequently used name, a new replacement name is proposed here.

***Cixius tsauri* nom.nov.**

=*Cixius luridus* Tsaur & Hsu in Tsaur, Hsu & Van Stalle, 1991: 264 **syn.nov.** (from Taiwan) primary homonym of *Booneta lurida* (Walker, 1870: 104) (original genus *Cixius*; from Indonesia)

Etymology: The species is named in honor of Shun-Chern Tsaur, an entomologist specializing in Auchenorrhyncha, Research Center for Biodiversity, Academia Sinica (Taipei, Taiwan).

Pentastirini Emeljanov, 1971

Oliarus vanstallei **nom.nov.**

=*Oliarus muiri* Van Stalle, 1991a: 38 (from Indonesia) primary homonym of *Oliarus muiri* Giffard, 1925: 66 (from Hawaii)

Etymology: The species is named in honor of Jan Van Stalle, an entomologist who specialized in Auchenorrhyncha, Royal Belgian Institute of Natural Science, Belgium.

Oliarus opalinulus **nom.nov.**

Oliarus opalinus Fennah, 1945a: 421 (from Venezuela) primary homonym of *Oliarus roridus* var. *opalinus* Fieber, 1876a: 202 (synonym of *Pentastira major* Kirschbaum, 1868b: 44; from Europe)

Etymology: The name is derived from *Oliarus opalinus* Fennah, 1945, from English opaline + *-ulus*, a diminutive suffix. Treated as a noun in apposition.

Notes: The junior homonym could not be preserved under ICZN article 23.9 since the senior homonym was widely used as a valid subspecies name after 1899 and the junior homonym was not used as valid in 25 works, published by at least 10 authors.

Oliparisca spectabilis **nom.nov.**

=*Oliparisca inermis* (Van Stalle, 1991a: 76) (original genus *Oliarus*; from Indonesia) primary homonym of *Pentastiridius inermis* (Fennah, 1957) (original genus *Oliarus*; from Democratic Republic of the Congo)

Etymology: from Latin adjective *spectabilis*, noteworthy, outstanding

Pentastiridius (Haliarus) signatus (Fieber, 1876) **reinstated, comb.nov.**

=*Pentastiridius (Haliarus) obscurus* (Signoret, 1865a: 127) (from Europe) primary homonym of *Cixius obscurus* Walker, 1851a: 347 (synonym of *Achaemenes australis* (Walker, 1851a: 345); from Natal)

Notes: The primary homonym *Reptalus obscurus* (Signoret) is replaced with a substitute name, a junior synonym *Pentastiridius (Haliarus) signatus* (Fieber, 1876).

Delphacidae Leach, 1815

Delphacinae Leach, 1815

Delphacini Leach, 1815

Delphax macroptera Costa, O., 1834: 85 *nomen dubium* (from Italy) primary homonym of *Delphax limbata* var. *macroptera* Germar, 1831: pl.14 (synonym of *Conomelus anceps* (Germar, 1821: 105); from Europe).

Notes: Although the name is a homonym, a replacement name is not proposed because the name has not been used since its original publication and the identity of the species has never been established. If the identity of the species is ever recognized, it will be treated as *nomen oblitum* (ICZN article 23.9).

Derbidae Spinola, 1839

Otiocerinae Muir, 1917

Kamendakini Emeljanov, 2006

Kamendaka (*Kamendaka*) *pulcherrima* **nom.nov.**

=*Kamendaka* (*Kamendaka*) *pulchra* van Stalle, 1984: 48 (originally described as *Kamendaka pulcher*, from Nigeria) secondary homonym of *Kamendaka* (*Eosaccharissa*) *pulchra* (Muir, 1917: 71) (original genus *Eosaccharissa*, from Philippines)

Etymology: Latin adjective *pulcherrimus*, most beautiful.

Notes: Although *Kamendaka pulchra* van Stalle, 1984 was described in the form *Kamendakara pulcher*, the species epithet is an adjective and must be modified to match the gender of the genus name.

Zoraidinae Muir, 1913

Zoraidini Muir, 1913

Zoraida (*Neozoraida*) *vanstallei* **nom.nov.**

=*Zoraida* (*Neozoraida*) *silvicola* van Stalle, 1988 (from Côte d'Ivoire) primary homonym with variable spelling of *Zoraida sylvicola* Kirkaldy, 1913 in Muir, 1913: 68 (from Hawaii)

Etymology: Named in honor of Jan Van Stalle, an entomologist who specialized in Auchenorrhyncha, Royal Belgian Institute of Natural Science, Belgium.

Notes: Although the two species epithets are not spelled identically they must be treated as primary homonyms of variable spelling (ICZN Article 58.2).

Dictyopharidae Spinola, 1839

Dictyopharinae Spinola, 1839

Hastini Emeljanov, 1983

Anasta lallemandi **nom.nov.**

=*Anasta minuta* (Lallemand, 1935: 673) (original genus *Fulgora*, from Indonesia) primary homonym of *Stenocranus* (*Stenocranus*) *minutus* (Fabricius, 1787: 262) (original genus *Fulgora*, widespread European species)

Etymology: The species is named in honor of Victor Lallemand (1880–1965), a Belgian entomologist who specialized in Auchenorrhyncha.

Flatidae Spinola, 1839

Flatinae Spinola, 1839

Nephesini Melichar, 1923

Neomelicharia leopoldi **nom.nov.**

= *Neomelicharia centralis* (Melichar, 1902: 111) (original genus *Colgar*; from Indonesia) secondary homonym of *Cromna centralis* Walker, 1870: 182 (synonym of *Neomelicharia sparsa* (Fabricius, 1803: 47); from Indonesia)

Etymology: in honor of Leopold Melichar (1856–1924), an entomologist who specialized in Hemiptera, Moravian Museum (Brno, Czech Republic)

Phromniini Melichar, 1923

Poeciloptera combinata Walker, 1858b: 110 **reinstated**

=*Poeciloflata modesta* (Donovan, 1805a: 2) (original genus *Cicada*; from Australia) primary homonym of *Amblyscarta modesta* (Fabricius, 1803a: 70) (original genus *Cicada*; from South America)

=*Poeciloflata viridana* var. *luteofasciata* Melichar, 1901: 236. **syn.nov.**

Notes: Due to homonymy of the oldest name for this species, the name of the next oldest junior synonym is reinstated as a valid name for this taxon.

Fulgoridae Latreille, 1807

Aphaeninae Blanchard, 1847

Aphaenini Blanchard, 1847

Kalidasa albiflos (Walker, 1851a: 280) **reinstated**

=*Kalidasa lanata* Drury, 1773: 69 (original genus *Cicada*; from Asia) primary homonym of *Lystra lanata* (Linnaeus, 1758a: 438) (original genus *Cicada*; from South America)

=*Aphaena dives* Walker, 1851: 280 **syn.nov.**

=*Euphria walkeri* Atkinson, 1885: 152 **syn.nov.**

Notes: Due to homonymy of the oldest name for this species, the name of the next oldest junior synonym is reinstated as a valid name for this taxon.

Issidae Spinola, 1839

Issinae Spinola, 1839

Hemisphaeriini Melichar, 1906

Gergithus niger brunnescens **nom.nov.**

=*Gergithus niger* var. *brunneus* (Melichar, 1906a: 76) (original genus: *Hemisphaerius*; from Malaysia) primary homonym of *Gergithus schaumi* var. *brunneus* (Melichar, 1903: 75) (original genus *Hemisphaerius*, from Sri Lanka)

Etymology: Latin non-declinable adjective *brunnescens*, brownish.

Gergithus schaumi viridescens **nom.nov.**

=*Gergithus schaumi viridis* (Melichar, 1903: 75) (original genus *Hemisphaerius*; from Sri Lanka) primary homonym of *Hemisphaerius viridis* Walker, 1870: 133 (from Indonesia).

Etymology: Latin non-declinable adjective *viridescens*, greenish.

Ricaniidae Amyot & Serville, 1843

Ricaniinae Amyot & Serville, 1843

Lambertoniana **nom.nov.**

type species *Lambertonia insignis* Lallemand, 1950

=*Lambertonia* Lallemand, 1950: 90 (type species *Lambertonia insignis* Lallemand, 1950) homonym of *Lambertonia* Kieffer, 1901: 159 (type species *Lambertonia abnormis* Kieffer, 1901; synonym of *Omalaspis* Giraud, 1860; Hymenoptera: Figitidae)

Included species:

Lambertoniana insignis Lallemand, 1950 **comb.nov.** (original genus *Lambertonia*)

Etymology: in honor of Prof. Lamberton + suffix -iana (related to). The gender is feminine.

Palaeontinidae Handlirsch, 1908

† *Cyllonium* Westwood, 1854a: 395

Type species: *Cyllonium hewitsonianum* Westwood, 1854: 396 **here designated**

Included species:

† *Cyllonium boisduvalianum* Westwood, 1854: 395

† *Cyllonium hewitsonianum* Westwood, 1854: 396

Notes: The fossil genus was originally described with two species in Lepidoptera based on small wing fragments. It was removed from Lepidoptera by Scudder (1875). The type species of the genus was never designated.

Order Palaeohemiptera Handlirsch, 1908

Suborder Paleorrhyncha Carpenter, 1931

† *Jassites brodiei* **nom.nov.**

=*Jassites punctatus* (Brodie, 1845a: 33) (original genus *Cicada*) (from Jurassic) primary homonym of *Balclutha punctata* (Fabricius, 1775a: 687) (original genus *Cicada*; widespread species)

Etymology: In honor of Peter Bellinger Brodie (1815–1997), an English geologist.

Notes: This homonymy is covered by Article 23.9.5 of the Code. See also notes on *Cercopis giebeli* **nom.nov.** Since *Jassites punctatus* (Brodie, 1845) is not a frequently used name, a new replacement name is proposed here.

Acknowledgments

The author is thankful to Joel Kits (Canadian National Collection of Insects, Arachnids and Nematodes) for the loan of type specimens of Erythroneurini. The work was partially supported by NSF grant DEB 16-39601.

References

- Anufriev, G.A. (1967a) Notes on the genus *Oncopsis* Burmeister, 1838 (Homoptera, Auchenorrhyncha) with descriptions of new species from the Soviet Far East. *Entomologisk Tidskrift*, 88 (3–4), 174–184.
- Anufriev, G.A. (1977b) Leafhoppers (Homoptera, Auchenorrhyncha, Cicadellidae) of the Kurile Islands. *Transactions of the Zoological Institute, Leningrad*, 70, 10–36. [in Russian]
- Anufriev, G.A. (1978a) Les cicadellidae de le Territoire Maritime. *Horae Societatis Entomologicae Unionis Sovieticae*, 60, 1–215.
- Atkinson, E.T. (1885c) Notes on Indian Rhynchota, No. 4. *Journal and Proceedings of the Asiatic Society of Bengal*, 54, 127–158.
- Ball, E.D. (1909c) Several new Western jassids. *Entomological news and proceedings of the Entomological Section of the Academy of Natural Sciences of Philadelphia*, 20, 163–168.

- Baker, C.F. (1900a) On some American species of *Macropsis* (Jassidae). *Psyche*, 9, 55–59.
<https://doi.org/10.1155/1900/568763>
- Beamer, R.H. (1930b) Some *Erythroneura* of the *obliqua* group (Homoptera, Cicadellidae). *Annals of the Entomological Society of America*, 23, 417–456.
<https://doi.org/10.1093/aesa/23.3.417>
- Bergevin, E. de. (1922a) Description d'une nouvelle espèce de *Platymetopius* (hémiptère, homoptère, Jassidae) d'Algérie. *Bulletin de la Société d'Histoire Naturelle de l'Afrique du Nord, Alger*, 13, 63–65.
- Bergevin, E. de. (1934b) Hémiptères. In Mission du Hoggar. III. (Février à Mai 1928). Etudes zoologiques sur le Sahara Central par L.-G. Seurat. *Bulletin de la Société d'Histoire Naturelle de l'Afrique du Nord, Alger*, 4, 119–120 + 128–133.
- Boulard, M. (1999a) Postures de cymbalisation, cymbalisations et cartes d'identité acoustique des cigales 3. Espèces tropicales des savanes et milieux ouverts (Cicadoidea, Cicadidae et Tibicinidae). *Ecole Pratique des Hautes Etudes, Travaux du Laboratoire Biologie et Evolution des Insectes Hemipteroidea*, 11/12, 77–116.
- Boulard, M. (2001f) A propos de deux formes inédites ou mal connues de *Chremistica* malgaches et séchelliennes (Rhynchota, Auchenorrhyncha, Cicadidae). *Ecole Pratique des Hautes Etudes, Travaux du Laboratoire Biologie et Evolution des Insectes Hemipteroidea*, 14, 129–140.
- Breaky, E.P. (1932a) A review of the Nearctic species of *Macropsis* (Homoptera, Cicadellidae). *Annals of the Entomological Society of America*, 25, 787–844.
<https://doi.org/10.1093/aesa/25.4.787>
- Bredden, G. (1902d) Neue malayische Homopteren aus der Familie Cercopidae. *Societas Entomologica. Organ für den internationalen Entomologenverein*, 17, 58–59.
- Brodie, P.B. (1845a) *A history of the fossil insects in the secondary rocks of England: accompanied by a particular account of the strata in which they occur, and of the circumstances connected with their preservation*. J. van Voorst, London, xvii + 130 pp., 11 pls.
<https://doi.org/10.5962/bhl.title.52321>
- Burmeister, H.C.C. (1838a) Rhynchota. No. 1. In: *Genera quaedam insectorum. Iconibus illustravit et descripsit. Vol. 1*. Sumtibus A. Burmeister, Berlin, pls. 10 + 11 + 17 + 20.
<https://doi.org/10.5962/bhl.title.8144>
- Burmeister, H.C.C. (1839b) Rhynchota. No. 4. In: *Genera insectorum. Iconibus illustravit et descripsit*. Burmeister et Stange, Berolini, pls. 8, 16.
<https://doi.org/10.5962/bhl.title.8144>
- Carvalho, G. & Sakakibara, A. (1999a) Seis espécies novas de *Sphenorhina* Amyot & Serville (Hemiptera, Cercopidae, Tomaspidae). *Revista Brasileira de Biologia. São Carlos*, 16 (2), 91–99.
<https://doi.org/10.1590/S0101-81751999000600011>
- Capanni, V. (1894a) I. Cercopidi. *Memorie della Pontificia Accademia dei Nuovi Lincei*, 10, 285–300.
- Chandler, D.S. & Hamilton, K.G.A. (2017a) Biodiversity and ecology of the leafhoppers (Hemiptera: Cicadellidae) of New Hampshire. *Transactions of the American Entomological Society*, 143, 773–971.
<https://doi.org/10.3157/061.143.0408>
- Chen, C.-L., Yang, C.-T. & Wilson, M.R. (1989a) Achilidae of Taiwan (Homoptera: Fulgoroidea). *Taiwan Museum Special Publication Series*, 8, 1–64.
- Dallas, W.S. (1870a) Rhynchota. *Zoological Record*, 6, 472, 485–491 + 495–497.
- Davis, W.T. (1916a) Notes on cicadas from the United States with descriptions of several new species. *Journal of the New York Entomological Society*, 24, 42–64.
- Davis, W.T. (1917b) Sonoran cicadas collected by Harry H. Knight, Dr. Joseph Bequaert and others, with descriptions of new species. *Journal of the New York Entomological Society*, 25, 203–215.
- Davis, W.T. (1938a) New North American cicadas with notes on described species. *Journal of the New York Entomological Society*, 46, 291–310.
- Davis, W.T. (1944a) The remarkable distribution of an American cicada; a new genus, and other cicada notes. *Journal of the New York Entomological Society*, 52, 213–222.
- Dash, P.C. & Viraktamath, C.A. (1998a) A review of the Indian and Nepalese grass feeding leafhopper genus *Deltocephalus* (Homoptera: Cicadellidae) with description of new species. *Hexapoda*, 10 (1–2), 1–59.
- DeLong, D.M. (1942d) *A monographic study of the North American species of the subfamily Gyponinae (Homoptera-Cicadellidae) exclusive of Xerophloea*. Ohio State University, Columbus, xiv + 187 pp., XXXV pls.
- DeLong, D.M. (1944c) A new genus—*Hebenarus* and thirteen new species of leafhoppers closely related to *Cloanthanus* (Homoptera, Cicadellidae). *The Pan-Pacific Entomologist*, 20, 41–53.
- DeLong, D.M. (1976g) *Polana concinna* (Stål) and a new closely related species of Gyponinae (Homoptera: Cicadellidae). *Revista Peruana de Entomologia*, 19 (1), 28–29.
- DeLong, D.M. (1980f) New species of Central and South American *Gypona* (Homoptera: Cicadellidae). *Brenesia*, 17, 215–250.
- DeLong, D.M. & Freytag, P.H. (1964a) Four genera of the world Gyponinae: A synopsis of the genera *Gypona*, *Gyponana*, *Rugosana* and *Reticana*. *Bulletin of the Ohio Biological Survey*, 2 (3), 1–227.
- DeLong, D.M. & Freytag, P.H. (1972f) Studies of the world Gyponinae (Homoptera, Cicadellidae): The genus *Polana*. *Archiv-*

- ors de Zoologia do Estado de Sao Paulo, 22 (5), 239–324.
<https://doi.org/10.11606/issn.2176-7793.v22i5p239-324>
- DeLong, D.M. & Knull, D.J. (1946a) *Check list of the Cicadellidae (Homoptera) of America, north of Mexico*. Ohio State University Press, Columbus, Ohio, V + 102 pp. [1945]
- DeLong, D.M., Wolda, H. & Estribi, M. (1980a) The Xestocephaline leafhoppers (Homoptera: Cicadellidae) known to occur in Panama. *Brenesia*, 17, 251–280.
- De Geer, C. (1773a) Cinquième mémoire. Des cigales. In: *Mémoires pour servir à l'histoire des Insects. Vol. 3*. De l'imprimerie royale, Paris, pp. 158–228, pls. 11–12 + 32–33.
- Distant, W.L. (1897a) On a collection of Homoptera made in southern Africa. *Annals and Magazine of Natural History*, Series 6, 19, 125–133.
<https://doi.org/10.1080/00222939708680516>
- Distant, W.L. (1911c) Rhynchota from the Solomon Islands. *Annals and Magazine of Natural History*, Series 8, 8, 384–388.
<https://doi.org/10.1080/00222931108693047>
- Distant, W.L. (1918b) Rhynchota. VII. Homoptera: appendix. Heteroptera: addenda. In: *The fauna of British India, including Ceylon and Burma*. Taylor & Francis, London, VIII + 210 pp.
- Dlabola, J. (1981a) Ergebnisse der Tschechoslowakisoh-Iranischen Entomologischen Expedition nach dem Iran. 1970–1973). (Mit Angaben über einige Sammelresultate in Anatolien) Homoptera: Auchenorrhyncha (II. Teil). *Acta Entomologica Musei Nationalis Pragae*, 40, 127–308.
- Dmitriev, D.A. (2003–onward) 3i *World Auchenorrhyncha Database*. Web-site. Available from: <http://dmitriev.speciesfile.org/> (accessed 1 May 2020)
- Dmitriev, D.A. & Deitz, L.L. (2017) Nomenclatural changes in the family Membracidae (Hemiptera, Auchenorrhyncha, Membracoidea). *Zootaxa*, 4365 (1), 94–98.
<https://doi.org/10.11646/zootaxa.4365.1.7>
- Dmitriev, D.A. & Dietrich, C.H. (2006) Nomenclatural changes and notes in the tribe Erythroneurini (Homoptera: Cicadellidae: Typhlocybinae). *Zootaxa*, 1120 (1), 35–39.
<https://doi.org/10.11646/zootaxa.1120.1.2>
- Dmitriev, D.A. & Dietrich, C.H. (2007a) Review of the New World Erythroneurini (Hemiptera: Cicadellidae: Typhlocybinae). I. Genera *Erythroneura*, *Erasmoneura*, *Rossmoneura*, and *Hymetta*. *Bulletin of the Illinois Natural History Survey*, 38 (2), I–V + 59–128.
<https://doi.org/10.21900/j.inhs.v38.107>
- Dmitriev, D.A. & McKamey, S.H. (2013) Nomenclatural changes in Cicadellidae: Typhlocybinae and Delphacidae (Homoptera). *ZooKeys*, 277, 109–113.
<https://doi.org/10.3897/zookeys.277.4273>
- Donovan, E. (1805a) *An epitome of the natural history of the insects of New Holland, New Zealand, New Guinea, Otaheite, and other islands in the Indian, Southern, and Pacific oceans: including the figures and descriptions of one hundred and fifty-three species of the more splendid, beautiful, and interesting insects, hitherto discovered in those countries, and which for the most part have not appeared in the works of any preceding author. The figures are correctly delineated from specimens of the insects; and with the descriptions are arranged according to the Linnaean system, with reference to the writings of Fabricius and other entomologists*. Printed for the author, and F.C. and J. Rivington, sold also by White, Faulder, Hatchard and Symonds, London, no pagination.
- Drury, D. (1773a) *Illustrations of natural history, wherein are exhibited upwards of two hundred and twenty figures of exotic insects, according to their different genera; very few of which have hitherto been figured by any author, being engraved and coloured from nature, with the greatest accuracy, and under the author's own inspection, on fifty copper-plates, with a particular description of each insect, interspersed with remarks and reflections on the nature and properties of many of them. Vol. 2*. Printed for the author and sold by B. White, London, 90 pp., 50 pl.
- Edwards, J. (1920a) New or little known species of British Cicadina. *The Entomologist's Monthly Magazine*, 56, 53–58.
<https://doi.org/10.5962/bhl.part.15526>
- El-Sonbati, S.A., Wilson, M.R. & Al Dhafer, H.M. (2017a) A new leafhopper genus with two new species related to *Masiripius* Dlabola, 1981 (Hemiptera, Deltocephalinae, Cicadellidae, Opsiini). *European Journal of Taxonomy*, 308, 1–24.
<https://doi.org/10.5852/ejt.2017.308>
- Emeljanov, A.F. (1962b) New tribes of leafhoppers of the subfamily Euscelinae (Auchenorrhyncha. Cicadellidae). *Entomologicheskoe Obozrenie*, 41, 388–397. [in Russian]
- Evans, J.W. (1954a) Les Cicadellidae de Madagascar (Homoptères). *Mémoires de l'Institut Scientifique de Madagascar*, Série A: Biologie animale, E, 4, 87–137.
- Evans, J.W. (1941e) New Australian leaf-hoppers. *Transactions and Proceedings of the Royal Society of South Australia. Adelaide*, 65, 36–41. [published in July 1941]
- Evans, J.W. (1956a) Paleozoic and Mesozoic Hemiptera (Insecta). *Australian Journal of Zoology*, 4, 165–258.
<https://doi.org/10.1071/ZO9560165>
- Fabricius, J.C. (1775a) Ryngota. In: *Systema entomologiae: sistens insectorum classes, ordines, genera, species, adiectis synonymis, locis, descriptionibus, observationibus*, Korte, 1775, pp. 673–689.
<https://doi.org/10.5962/bhl.title.36510>

- Fabricius, J.C. (1787a) Classis VII. Ryngota. Mantissa Insectorum. In: *Species insectorum: exhibentes eorum differentias specificas, synonyma auctorum, loca natalia, metamorphosin, adjectis observationibus, descriptionibus*. Impensis Christ. Gottl. Proft., Hafniae, pp. 260–275.
- Fabricius, J.C. (1794a) Ryngota. In: *Entomologia systematica emendata et aucta: secundum classes, ordines, genera, species, adjectis synonymis, locis, observationibus, descriptionibus*. Vol. 4. Christ. Gottl. Proft, Hafniae, pp. 1–57.
- Fabricius, J.C. (1798a) Ryngota. In: *Os Rostro: Vagina articulata. Entomologiae Systematicae Supplementum*. Proft et Starch, Hafniae, pp. 511–524.
- Fabricius, J.C. (1803a) Rhyngota. [Corrected version]. In: *Systema rhyngotorum: secundum ordines, genera, species: adiectis synonymis, locis, observationibus, descriptionibus*. C. Reichard, Brunsvigae, pp. 1–101.
<https://doi.org/10.5962/bhl.title.11644>
- Fennah, R.G. (1945a) The Fulgoroidea, of lanternflies, of Trinidad and adjacent parts of South America. *Proceedings of the United States National Museum*, 95, 411–520.
<https://doi.org/10.5479/si.00963801.95-3184.411>
- Fennah, R.G. (1958d) Fulgoroidea from the Belgian Congo (Hemiptera: Homoptera). *Annales du Musée du Congo Belge, Sciences Zoologique, Series 8*, 59, 1–206. [1957]
- Fieber, F.X. (1868a) Europäische neue oder wenig bekannte Bythoscopida. *Verhandlungen der Kaiserlich-Königlichen Zoologisch-botanischen Gesellschaft in Wien*, 18, 449–464.
- Fieber, F.X. (1876a) Les Cicadines d'Europe d'après les originaux et les publications les plus récentes. Deuxième partie: Descriptions des espèces. Traduit de l'allemand par Ferd. Reiber [sic]. *Revue et Magasin de Zoologie pure et appliquée. Strasbourg*, Séries 3, 3, 11–268.
<https://doi.org/10.5962/bhl.title.36523>
- Flor, G. (1861a) Die Rhynchoten Livlands in systematischer Folge beschrieben. Zweiter Theil: Rhynchota gulaerostria Zett. (Homoptera Aut.). Cicadina und Psyllodea. *Archiv für die Naturkunde Liv-, Ehst- und Kurlands, Zweite Serie, Biologische Naturkunde*, 4 (2), 1–567.
<https://doi.org/10.5962/bhl.title.12430>
- Fowler, W.W. (1897a) Order Rhynchota. Suborder Hemiptera-Homoptera. (Continued). In: *Biologia Centrali-Americana; or, Contributions to the knowledge of the fauna and flora of Mexico and Central America*. Vol. 2. Porter, London, pp. 169–184.
- Fowler, W.W. (1900d) Order Rhynchota. Suborder Hemiptera-Homoptera. (Continued). In: *Biologia Centrali-Americana; or, Contributions to the knowledge of the fauna and flora of Mexico and Central America*. Vol. 2. Porter, London, pp. 281–292.
- Fowler, W.W. (1903b) Order Rhynchota. Suborder Hemiptera-Homoptera. (Continued). *Biologia Centrali-Americana; or, Contributions to the knowledge of the fauna and flora of Mexico and Central America*. Vol. 2. Porter, London, pp. 301–316.
- Freytag, P.H. (1965a) A revision of the Nearctic species of the genus *Idiocerus* (Homoptera, Cicadellidae, Idiocerinae). *Transactions of the American Entomological Society. Philadelphia*, 91 (4), 391–430.
- Freytag, P.H. (1974a) A new genus of leafhoppers—*Nanopsis* (Homoptera: Cicadellidae). *Annals of the Entomological Society of America*, 67 (4), 605–606.
<https://doi.org/10.1093/aesa/67.4.605>
- Freytag, P.H. (2014a) Seven new species in the genus *Longicauda* (Hemiptera; Cicadellidae; Idiocerinae) from Thailand. *Entomological News*, 123, 292–302. [2013]
<https://doi.org/10.3157/021.123.0402>
- Freytag, P.H. (2020a) A review of the species of the genus *Xestocephalus* found in Colombia (Hemiptera: Cicadellidae: Xestocephalinae), with the description of 40 new species. *Transactions of the American Entomological Society*, 146, 266–303.
<https://doi.org/10.3157/061.146.0201>
- Freytag, P.H. & Cwikla, P.S. (1984a) Two new species of Idiocerine leafhoppers from Malagasy Republic (Homoptera: Cicadellidae). *Pan-Pacific Entomologist*, 60 (4), 341–344.
- Geoffroy Saint-Hilaire, É. (1809) Description d'une nouvelle espèce d'oiseau, voisine du *Corvus nudus* et du *Corvus calvus*, et établissement de ces trois espèces en autant de genres, sous les noms de *Cephalopterus*, *Gymnoderus* et *Gymnocephalus*. *Annales du Muséum d'Histoire Naturelle*, 13, 235–238.
- George, R.Y. (2004a) Janirellidae and Dendrotonidae (Crustacea: Isopoda: Asellota) from bathyal and abyssal depths off North Carolina and their evolution. *Travaux du Muséum National d'Histoire Naturelle "Grigore Antipa"*, 47, 43–73.
- Germar, E.F. (1831a) *Cercopis mactata* Germ., *Tettigonia concinna* Germ., *Tettigonia sexnotata* Fall., *Jassus tilliae* n. sp., *Jassus quadripunctatus* Fall. *Agust Ahrensi* In: *Fauna Insectorum Europae*, 14, pls. 1–25.
- Germar, E.F. (1834a) Observations sur plusieurs espèces du genre *Cicada*, Latr. *Revue entomologique, publiée par Gustave Silbermann. Strassburg et Paris*, 2, 49–82.
- Giebel, C. (1862a) Wirbelthier und Insektenreste im Bernstein. *Zeitschrift für die gesammten Naturwissenschaften*, 20, 311–322.
- Giffard, W.M. (1925a) A review of the Hawaiian Cixiidae, with descriptions of species (Homoptera). *Proceedings of the Hawaiian Entomological Society*, 6, 51–171.
- Gillette, C.P. & Baker, C.F. (1895a) A preliminary list of the Hemiptera of Colorado. *Bulletin of the Colorado Agricultural Experiment Station*, 31, 1–137.

- Gistel, J. (1848) *Naturgeschichte des Thierreichs. Für höhere Schulen. Mit einem Atlas von 32 Tafeln (darstellend 617 illuminierte Figuren) und mehreren dem Texte eingedruckten Xylographien*. Hoffmann, Stuttgart, xvi + 216 + [4] pp., 32 pls.
- Gmelin, J.F. (1789a) Insecta Hemiptera. In: *Caroli a Linné. Systema naturae per regna tria naturae, secundum classes, ordines, genera, species, cum characteribus, differentiis, synonymis, locis. Vol. 1 (4)*. G. E. Beer, Lipsiae, pp. 2089–2117.
- Goeze, J.A.E. (1778a) Hemiptera. In: *Entomologische beyträge zu des ritter Linné Zwölften ausgabe des natursystems. Vol. 2*. Bey Weidmanns Erben und Reich, Leipzig, pp. 117–164.
<https://doi.org/10.5962/bhl.title.45974>
- Gozmány, L. (1958a) Notes on Hungarian Phycitidae (Lepidoptera). *Annales Historico-Naturales Musei Hungarici*, Series Nova, 9, 223–225.
- Grey, J.E. (1847) A list of the genera of recent Mollusca, their synonyma and types. *Proceedings of the Zoological Society of London*, 15, 129–219.
- Hamilton, K.G.A. (1980b) Contributions to the study of the World Macropsini (Rhynchota: Homoptera: Cicadellidae). *The Canadian Entomologist*, 112, 875–932.
<https://doi.org/10.4039/Ent112875-9>
- Hamilton, K.G.A. (1980d) Aphrophorinae of the Solomon Islands (Rhynchota: Homoptera: Cercopidae). *Pacific Insects*, 22, 361–379.
- Heer, O. (1853b) Die Insektenfauna der Tertiärgebilde von Ceningen und von Radoboj in Croatien. Cicadina Zirpen. *Neue Denkschriften der Allgemeinen Schweizerischen Gesellschaft für die Gesamten Naturwissenschaften*, 13, i–iv + 1–138.
- Henningsmoen, G. (1954a) Lower Ordovician Ostracods from the Oslo region, Norway. *Norsk Geologisk Tidsskrift*, 33 (1–2), 41–69.
- Huang, K.W. & Viraktamath, C.A. (1993a) The macropsine leafhoppers (Homoptera: Cicadellidae) of Taiwan. *Chinese Journal of Entomology*, 13 (4), 361–373.
- ICZN (1985) *International Code of Zoological Nomenclature. 3rd Edition*. The International Trust for Zoological Nomenclature, London, xx + 338 pp.
- ICZN (1999) *International Code of Zoological Nomenclature. 4th edition*. The International Trust for Zoological Nomenclature, London, XXIX + 306 pp.
- Jacobi, A. (1917a) Die Zikadenfauna Madagascars und der Comoren. In *Reise in Ostafrika in den Jahren 1903–1905 mit Mitteln der Hermann und Elise geb. Heckmann Wentzel-Stiftung ausgeführt von Professor Dr. Alfred Voeltzkow*. Wissenschaftliche Ergebnisse. *Systematische Arbeiten*, 3, 519–552.
- Jacobi, A. (1921a) Kritische Bemerkungen über die Cercopidae (Rhynchota Homoptera). *Archiv für Naturgeschichte*, 87, 1–65.
- Johnson, D.M. (1935a) Leafhoppers of Ohio. Subfamily Typhlocybinae (Homoptera: Cicadellidae). *Bulletin of the Ohio Biological Survey*, 31, 39–122.
- Kieffer, J.J. (1901) Revision des Onychiinae D.T. (Cynipides). *Bulletin de la Société d'entomologique de France*, 1901, 157–161.
- Knull, D.M. (1940a) Two *Macropsis* from Texas (Homoptera: Cicadellidae). *Annals of the Entomological Society of America*, 33, 371–372.
<https://doi.org/10.1093/aesa/33.2.371>
- Korotneff, A. (1880a) Études sur les Rhizopodes. *Archives de Zoologie Expérimentale et Générale*, 8, 467–482. [1879–1880]
- Lallemand, V. (1912a) Homoptera fam. Cercopidae. *Genera Insectorum. Bruxelles*, 143, 1–167.
- Lallemand, V. (1922a) Cercopides nouveaux des Philippines. *The Philippine Journal of Science*, 20, 273–278.
- Lallemand, V. (1924d) Homoptères nouveaux de la collection du Muséum National de Paris et de la mienne. *Bulletin du Muséum National d'Histoire Naturelle, Paris*, 1924, 378–385.
- Lallemand, V. (1927b) Descriptions de cercopides nouveaux provenant de la collection du British Muséum. *Transactions of the Entomological Society of London*, 1927, 99–118.
<https://doi.org/10.1111/j.1365-2311.1927.tb00063.x>
- Lallemand, V. (1928e) Hemiptera: Cercopidae. Collected in Korinchi, West Sumatra, by Messrs. H. C. Robinson and C. Boden Kloss. *Journal of the Federated Malay States Museums*, 8, 197–203.
- Lallemand, V. (1930b) Nouveaux cercopides de la Presqu'île Malaise. *Journal of the Federated Malay States Museums*, 16, 98–107.
- Lallemand, V. (1935a) Homoptères des îles de la Sonde et de l'Australie du Nord. *Revue Suisse de Zoologie. Annales de la Société Zoologique Suisse et du Muséum d'Histoire Naturelle de Genève*, 42, 661–681.
<https://doi.org/10.5962/bhl.part.117936>
- Lallemand, V. (1938a) Notes sur les cercopides. *Bulletin et Annales de la Société entomologique de Belgique*, 78, 137–147.
- Lallemand, V. (1939b) Deuxième note sur les cercopides. *Bulletin et Annales de la Société entomologique de Belgique*, 79, 53–58.
- Lallemand, V. (1949a) Revision des Cercopinae (Hemiptera Homoptera). Première partie. *Mémoires de l'Institut Royal des Sciences Naturelles de Belgique*, Series 2, 32, 1–193.
- Lallemand, V. (1950b) Contribution à l'étude des Homoptères de Madagascar. *Mémoires de l'Institut des Sciences de Madagascar*, Series E, 4, 83–96.
- Lallemand, V. & Synave, H. (1955b) Contribution à l'étude des Cercopidae (Hemiptera-Homoptera). *Bulletin Institut royal des*

- Lambkin, K.J. (2016b) Revision of the Dysmorphoptilidae (Hemiptera: Cicadomorpha: Prosboloidea) of the Queensland Triassic. Part 2. *Zootaxa*, 4092 (2), 207–218.
<https://doi.org/10.11646/zootaxa.4092.2.4>
- Latreille, P.A. (1825a) *Seconde section. Homoptères. Homoptera. Familles naturelles du règne animal: exposées succinctement et dans un ordre analytique, avec l'indication de leurs genres*. J. B. Baillière, Paris, 570 pp.
<https://doi.org/10.5962/bhl.title.16094>
- Li, H., Dai, R.H., Li, Z.Z. & Tishechkin, D.Y. (2012a) Taxonomic study of Chinese species of the genus *Macropsis* (Hemiptera: Cicadellidae: Macropsinae): new species, new records, synonymy and replacement name. *Zootaxa*, 3420 (1), 41–62.
<https://doi.org/10.11646/zootaxa.3420.1.3>
- Li, Z.Z. (1992b) Five new species of the genus *Atkinsoniella* from China (Homoptera: Tettigellidae). *Acta Zootaxonomica Sinica*, 17 (3), 344–351.
- Linnavuori, R. (1965b) On some new or interesting Neotropical Homoptera of the family Cicadellidae. *Zoologische Beiträge*, 11, 137–150.
- Linnaeus, C. (1758a) *Systema naturae: per regna tria naturae, secundum classes, ordines, genera, species cum characteribus, differentiis, synonymis, locis. Editio decima, reformata. Vol. 1*. L. Salvii, Stockholmiae, 824 pp.
<https://doi.org/10.5962/bhl.title.542>
- Linnaeus, C. (1761a) *Fauna svecica: sistens animalia sveciae regni: Mammalia, Aves, Amphibia, Pisces, Insecta, Vermes, distributa per classes & ordines, genera & species, cum differentiis specierum, synonymis auctorum... Editio altera, auctior. insectorum*. L. Salvii, Stockholmiae, 578 pp., 2 pls.
<https://doi.org/10.5962/bhl.title.34906>
- Linnaeus, C. (1767a) II. Hemiptera. In: *Systema naturae: per regna tria naturae, secundum classes, ordines, genera, species cum characteribus, differentiis, synonymis, locis. 1 (2). Editio Duodecima. Reformata*. L. Salvii, Holmiae, pp. 533–1327.
<https://doi.org/10.5962/bhl.title.157601>
- Matsumura, S. (1903a) Monographie der Cercopiden Japans. *The journal of the Sapporo Agricultural College*, 2, 15–52.
- Matsumura, S. (1911b) Erster Beitrag zur insekten-Fauna von Sachalin. *The journal of the Sapporo Agricultural College*, 4 (3), 1–145.
- Matsumura, S. (1940a) New species and genera of Cercopidae in Japan, Korea and Formosa with a list of the known species. *Journal of the Faculty of Agriculture, Hokkaido University*, 45 (2), 35–82.
- Matsumura, M. (1940b) Cercopid-species from Manchuria. *Insecta Matsumurana*, 14, 47–51.
- McAtee, W.L. (1920a) Key to the Nearctic species and varieties of *Erythroneura* (Homoptera; Eupterygidae). *Transactions of the American Entomological Society. Philadelphia*, 46, 267–321, pl. XII.
- McKamey, S.H. (1994) Taxonomic changes in the Membracidae (Homoptera). *Proceedings of the Entomological Society of Washington*, 96 (2), 318–322.
- McKamey, S.H. (2003) Some new generic names in the Cicadellidae (Hemiptera: Deltocephalinae, Selenocephalinae). *Proceedings of the Entomological Society of Washington*, 105 (2), 447–451.
- McKamey, S.H. (2006) Further new genus-group names in Cicadellidae (Hemiptera). *Proceedings of the Entomological Society of Washington*, 108 (3), 502–510.
- McKamey, S.H. (2019) *MOWD: Membracoidea of the World Database. Version 1011*. Nov 2010. Species 2000 and IT IS Catalogue of Life, 2019 Annual Checklist. Available from: <http://www.catalogueoflife.org/annual-checklist/2019/> (accessed 1 May 2020)
- McKamey, S.H. & Hicks, A.L. (2007a) A new subspecies, replacement names, and spelling fixations for species of Deltocephalinae and Macropsinae (Hemiptera: Cicadellidae). *Proceedings of the Entomological Society of Washington*, 109 (4), 930–937.
- Melichar, L. (1901a) Monographie der Acanaloniiden und Flatiden (Homoptera). *Annalen des k. k. Naturhistorischen Hofmuseums*, 16, 178–258.
- Melichar, L. (1902a) Monographie der Acanaloniiden und Flatiden (Homoptera) (Fortsetzung.). *Annalen des k. k. Naturhistorischen Hofmuseums*, 17, 1–253.
- Melichar, L. (1902b) Einige neue Homopteren. *Wiener Entomologische Zeitung*, 21, 75–80.
- Melichar, L. (1903b) *Homopteren-Fauna von Ceylon*. Verlag von Felix L. Dames, Berlin, iv + 248 pp.
- Melichar, L. (1906a) Monographie der Issiden. (Homoptera). *Abhandlungen der k. k. Zoologisch-botanischen Gesellschaft in Wien*, 3, 1–327.
- Melichar, L. (1925a) Monographie der Cicadellinen. II. *Annales Historico-Naturales Musei Nationalis Hungarici*, 22, 329–410.
- Merriam, C.W. (1973a) Middle Devonian rugose corals of the central Great Basin. *Geological Survey Professional Paper*, 799, 1–49.
<https://doi.org/10.3133/pp799>
- Meshram, N.M., Shashank, P.R. & Sinha, T. (2017a) A new genus of leafhopper subtribe Paraboloponina (Hemiptera: Cicadellidae) with molecular phylogeny of related genera. *PLOS One*, 12 (5), e0177644, 1–10.
<https://doi.org/10.1371/journal.pone.0177644>
- Metcalf, Z.P. (1955a) New names in the Homoptera. *Journal of the Washington Academy of Sciences*, 45, 262–267.

- Metcalf, Z.P. (1961a) *General catalogue of the Homoptera. Fascicle VII. Cercopoidea. Part 2. Cercopidae*. Waverly press, Inc., Baltimore, Maryland, VII + 607 pp.
- Metcalf, Z.P. (1963a) *General catalogue of the Homoptera. Fascicle VI. Cicadelloidea. Part 6. Evacanthidae*. USDA, Washington, D.C. 63 pp.
- Metcalf, Z.P. (1963e) *General catalogue of the Homoptera. Fascicle VIII. Cicadoidea. Part 1. Cicadidae. Section I. Tibiceninae*. Waverly press, Baltimore, Maryland, vii + 585 pp.
- Meunier, F. (1914a) Nouvelles recherches sur quelques Insectes du Sannoisien D' Aix-en-Provence. *Bulletin de la Société Géologique de France*, Quatrième Série, 14, 187–198.
- Muir, F.A.G. (1913c) On some new species of leaf-hoppers. Part II. Derbidae. *Report of work of the Experiment Station of the Hawaiian Sugar Planters' Association*, Entomological Series, 12, 28–92.
- Muir, F.A.G. (1917a) The Derbidae of the Philippine Islands. *Philippine Journal of Science*, 12, 49–105.
- Müller, O.F. (1776a) Hemiptera. In: *Zoologiae Danicae prodromus, seu animalium Daniae et Norvegiae indigenarum characteres, nomina, et synonyma imprimis popularium*. Hallageriis, Havniae, pp. 102–103.
<https://doi.org/10.5962/bhl.title.13268>
- Osborn, H. (1923b) Neotropical Homoptera of the Carnegie Museum. Part 1. Report upon the undescribed species of Agallia and Idiocerus from tropical America contained in the Carnegie Museum, 1920. *Annals of the Carnegie Museum*, 15, 8–26.
- Osborn, H. (1924c) Neotropical Homoptera of the Carnegie Museum. Part 4. Report upon the collection in the subfamily Jassininae, with descriptions of new species. *Annals of the Carnegie Museum*, 15, 397–462.
- Perroud, B.P. & Montrouzier, X. (1864a) Essai sur la faune entomologique de Kanala (Nouvelle-Calédonie) et description de quelques espèces nouvelles ou peu connues. *Annales de la Société Linnéenne de Lyon*, 11, 46–257.
<https://doi.org/10.1080/00378941.1864.10827340>
- Perty, J.A.M. (1833a) Familia: Cicadariae. In: *Delectus animalium articulorum, quae in itinere per Brasiliam Annis MDCCCXVII-MCDDXX jussu et auspiciis Maximiliani Josephi I. Bavariae regis augustissimi peracto collegerunt Dr. J.B. de Spix, et Dr. C.F. Ph. de Martius*, 3, pp. 176–180.
<https://doi.org/10.5962/bhl.title.102991>
- Piton, L. (1936a) Les Hémiptères-Homoptères de l'Écène de Menat. (P.-de-D.). *Miscellaneous Entomologica. Revue entomologique internationale*. Narbonne, 37, 93–94.
- Rafinesque, C.S. (1815a) *Analyse de la nature ou Tableau de l'univers et des corps organisés*. Aux dépens de l'auteur, Palerme, 224 pp.
<https://doi.org/10.5962/bhl.title.106607>
- Rey, C. (1894b) Remarques en passant. *L'Echange. Revue Linnéenne*, 10, 29–30.
- Ribaut, H. (1935a) Espèces nouvelles du genre *Agallia* (Homoptera-Jassidae). *Bulletin de la Société d'Histoire Naturelle de Toulouse*, 67, 29–36.
- Ross, H.H. & DeLong, D.M. (1953a) Biological and taxonomic notes on *Erythroneura* (Homoptera, Cicadellidae). *The Ohio Journal of Science. Columbus*, 53, 77–90.
- Say, T. (1830b) Descriptions of new North American hemipterous insects belonging to the first family of the section Homoptera of Latreille. (Continued). *Journal of the Academy of Natural Sciences of Philadelphia*, 6, 299–314.
- Schmidt, E. (1911b) Beitrag zur Kenntnis der Homopteren. (Neue Gattungen und Arten). *Entomologische Zeitung. Herausgegeben von dem entomologischen Vereine zu Stettin, Stettin*, 72, 238–307.
- Schmidt, E. (1911e) Neue und bekannte Gattungen und Arten der Subfamilie Cercopinae Stål des intoaustralischen Faunengebietes, ein Beitrag zur Kenntnis der Cercopiden. (Hemiptera-Homoptera). III. *Stettiner Entomologische Zeitung*, 72, 52–129.
- Schrank, F.von P. (1776a) Cicada. *Beyträge zur Naturgeschichte, Ausburg*, 1776, 73–77.
- Scopoli, J.A. (1763a) Ordo II. Proboscidea. Hemiptera. In: *Entomologia Carniolica exhibens insecta Carnioliae indigena et distributa in ordines, genera, species, varietates: methodo Linnaeana*. Ioannis Thomae Trattner, Vindobonae, pp. 112–118, pls., 330–347.
<https://doi.org/10.5962/bhl.title.119976>
- Scopoli, J.A. (1772a) Observationes Zoologicae. *Annus Historico Naturalis. Lipsiae*, 5, 75–125.
- Scudder, S.H. (1875a) Historical Sketch of the generic names proposed for butterflies: a contribution to systematic nomenclature. *Proceedings of the American Academy of Arts and Sciences*, 10, 91–293. [1874]
<https://doi.org/10.2307/20021416>
- Scudder, S.H. (1877a) The first discovered traces of fossil insects in the American Tertiaries. Geological survey of Canada. *Report of progress*, 3, 741–762.
- Scudder, S.H. (1890a) Homoptera. In: *The Tertiary insects of North America. Report of the United States Geological and Geographical Survey of the Territories*. Washington, 13, 1–663.
- Signoret, V. (1853b) Revue iconographique des Tettigonides. *Annales de la Société Entomologique de France*, Series 3, 1, 323–374.
- Signoret, V. (1853c) Revue iconographique des Tettigonides. *Annales de la Société Entomologique de France*, Series 3, 1, 661–688.
- Signoret, V. (1854a) Revue iconographique des Tettigonides. *Annales de la Société Entomologique de France*, Series 3, 2, 5–28.

- Signoret, V. (1854b) Revue iconographique des Tettigonides. *Annales de la Société Entomologique de France*, Series 3, 2, 341–366.
- Signoret, V. (1855b) Revue iconographique des Tettigonides. *Annales de la Société Entomologique de France*, Series 3, 3, 225–240.
- Signoret, V. (1855d) Revue iconographique des Tettigonides. *Annales de la Société Entomologique de France*, Series 3, 3, 765–836.
- Signoret, V. (1865a) Descriptions de quelques Hémiptères nouveaux. *Annales de la Société Entomologique de France*, Series 4, 5, 115–130.
- Spångberg, J. (1878b) Species Jassi generis Homopterus descripsit. *Öfversigt af Kongliga Svenska Vetenskaps-Akademiens Förhandlingar*, 35 (8), 3–40.
- Stål, C. (1859b) Hemiptera. Species novas descripsit. Kongliga svenska Fregatten Eugenies resa omkring jorden under befäl af C. A. Virgin åren 1851–1853. Vetenskapliga iakttagelser På H. Maj: t Konung Oscar den Förstes befallning utgifna. *Kongl. Svenska vetenskaps-akademiens handlingar*, 4, 219–298, pls. 3–4.
- Stål, C. (1870c) *Hemiptera insularum Philippinarum. Bidrag till Philippinska öarnes Hemipter-fauna. Öfversigt af Kongliga Svenska Vetenskaps-Akademiens Förhandlingar*, Stockholm, 27, 607–776.
<https://doi.org/10.5962/bhl.title.61898>
- Synave, H. (1957f) Homoptera: Cercopidae. *Insects of Micronesia*, 6 (4), 213–230.
- Synave, H. (1960d) Cixiidae de La Reunion (Homoptera - Fulgoroidea). *Le Naturaliste Malgache*, 1, 133–145. [1959]
- Synave, H. (1969b) Le parc national du Niokolo-Koba. XXVIII. Homoptera Cicadidae et Cercopidae. *Mémoires de l'Institut Fondamental d'Afrique Noire*, 84 (3), 403–406.
- TaxonWorks. (2020) *TaxonWorks*. Web-site. Available from: <http://taxonworks.org> (accessed 1 May 2020)
- Thunberg, C.P. (1822a) *Dissertatio entomologica de Hemipteris rostratis Capensibus. Part I. Excudebant Regiae Academiae Typographi, Upsaliae*, 9 pp.
<https://doi.org/10.5962/bhl.title.9281>
- Tsaur, S.-C., Hsu, T.-C. & Van Stalle, J. (1991b) Cixiidae of Taiwan Part 6. *Cixius*. *Journal of the National Taiwan Museum*, 44, 169–306.
- Turton, W. (1802a) Order II. Hemiptera. In: *Translated from Gmelin's last edition of System Naturae, by Sir Charles Linné. Amended and enlarged by the improvements and discoveries of later naturalists and societies. Vol. II. Insects. Part I. Lackington Allen and Co., London*, pp. 570–604.
- Van Duzee, E.P. (1890i) Review of the North American species of *Bythoscopus*. *Entomologica Americana. A Journal of Entomology*, 6, 221–229.
- Van Duzee, E.P. (1894f) Descriptions of some new North American homopterous insects. *Bulletin of the Buffalo Society of Natural Sciences*, 5, 205–216.
- Van Stalle, J. (1984b) New and interesting African Derbidae (Homoptera, Fulgoroidea). *Bulletin de l'Institut Royal des Sciences Naturelles de Belgique*, 55, 1–61. [1983]
- Van Stalle, J. (1984d) Les Cixiides de la Forêt de Taï (Côte-d'Ivoire): description de neuf espèces nouvelles * (Homoptera, Fulgoroidea). *Revue Française d'Entomologie*, Nouvelle Série, 6, 137–146.
- Van Stalle, J. (1988b) Les derbides de la Forêt de Taï (Côte D'Ivoire), tribu Zoraidini; description de treize espèces nouvelles (Homoptera, Fulgoroidea). *Revue Française d'Entomologie*, 10, 101–116.
- Van Stalle, J. (1991a) Taxonomy of Indo-Malayan Pentastirini (Homoptera, Cixiidae). *Bulletin de l'Institut Royal des Sciences Naturelles de Belgique*, 61, 5–101.
- Viraktamath, C.A. (1981b) Indian Macropsinae (Homoptera: Cicadellidae). II. Species described by W. L. Distant and descriptions of new species from the Indian subcontinent. *Entomologica Scandinavica*, 12, 295–310.
<https://doi.org/10.1163/187631281794709791>
- Viraktamath, C.A. & Anantha Murthy, H.V. (1999a) A revision [sic] of the leafhopper tribe Scaphytopiini from India and Nepal (Insecta, Hemiptera, Cicadellidae, Deltocephalinae). *Senckenbergiana Biologica*, 79, 39–55.
- Viraktamath, C.A. & Mohan, G.S. (1994a) Indian species of the deltocephaline leafhopper genus *Scaphotettix* Matsumura (Hemiptera: Cicadellidae). *The Journal of the Bombay Natural History Society*, 90, 463–474. [1993]
- Viraktamath, C.A. & Webb, M.D. (2019a) Revision of the bamboo leafhopper tribe Mukariini (Hemiptera: Cicadellidae: Deltocephalinae) from the Indian subcontinent with description of new genera and species. *Zootaxa*, 4547 (1), 1–69.
<https://doi.org/10.11646/zootaxa.4547.1.1>
- Wagner, W. (1941a) Die Zikaden der Provinz Pommern. *Dohrniana*, 20, 95–184. [published in April, 1941]
- Walker, F.A. (1851a) s.n. In: *List of the specimens of homopterous insects in the collection of the British Museum. Part II. Series 4*. British Museum, London, pp. 261–636, pls. 3–4.
- Walker, F. (1851b) s.n. In: *List of the specimens of homopterous insects in the collection of the British Museum. Part II. Series 4*. British Museum, London, pp. 637–907.
- Walker, F. (1858b) Supplement. *List of the specimens of homopterous insects in the collection of the British Museum*. Order of Trustees, London, 307 pp.
- Walker, F.A. (1870a) Catalogue of the homopterous insects collected in the Indian Archipelago by Mr. A. R. Wallace, with descriptions of new species. *Zoological Journal of the Linnean Society*, 10, 82–193.
<https://doi.org/10.1111/j.1096-3642.1868.tb02229.x>

- Walker, F.A. (1870b) Catalogue of the homopterous insects collected in the Indian Archipelago by Mr. A. R. Wallace, with descriptions of new species. *Journal of the Linnean Society*, Zoology, 10, 276–330.
<https://doi.org/10.1111/j.1096-3642.1869.tb00663.x>
- Westwood, J.O. (1854a) Contributions to fossil entomology. *The Quarterly journal of the Geological Society of London*, 10, 378–396.
<https://doi.org/10.1144/GSL.JGS.1854.010.01-02.43>
- Williams, J.R. (1977a) Achilidae (Fulgoroidea: Homoptera) from Mauritius. *Journal of Natural History*, 11, 661–677.
<https://doi.org/10.1080/00222937700770571>
- Young, D.A. Jr. (1952c) On the recognition of two scaphytopiine leafhoppers. *Proceedings of the Entomological Society of Washington*, 54, 246–249.
- Yu, X. & Yang, M. (2014a) Two new species of the leafhopper subgenus *Empoasca* (*Empoasca*) Walsh (Hemiptera, Cicadellidae, Typhlocybinae, Empoascini) from China. *ZooKeys*, 437, 25–32.
<https://doi.org/10.3897/zookeys.437.7563>
- Zahniser, J.N., McKamey, S.H. & Dmitriev, D.A. (2012) Nomenclatural changes and notes in the Deltocephalinae (Hemiptera: Cicadellidae). *Pan-Pacific Entomologist*, 88 (3), 356–364.
<https://doi.org/10.3956/2012-34.1>
- Zanol, K.M.R. (2011b) *Kyra* gen. nov. (Cicadellidae, Deltocephalinae) and descriptions of two new species. *Acta Biológica Paranaense*, 40 (1–4), 1–8.
[https://doi.org/10.5380/abpr.v40i\(1-4\).25199](https://doi.org/10.5380/abpr.v40i(1-4).25199)
- Zetterstedt, J.W. (1828a) *Fauna insectorum lapponica. Vol. 1.* Libraria Schulziana, Hammone, xx + 563 pp.
- Zhang, Y.L. & Wu, H.X. (2000a) A new genus and a new species of Idiocerinae (Homoptera: Cicadellidae) from China. *Entomotaxonomia*, 22 (1), 23–26.