

Catalog of the Aphid Genera Described from the New World

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ABSTRACT

A nomenclatural and bibliographic catalog of the genus-group names of aphids (Hemiptera: Aphidoidea) from the New World is presented. The catalog includes 206 available genus-group names with type species with New World localities, full bibliographic citations, and other associated nomenclatural and taxonomic information. Two nomenclatural discrepancies are resolved: *Siphonophora acerifoliae* Thomas is designated the type species of *Phymatosiphum* Davis, and *Stenaphis* Quednau *nomen novum* is proposed as a replacement name for the homonymic *Stenaphis* Quednau.

Key words.- aphids, plant lice, America, Nearctic, Neotropical

INTRODUCTION

This work represents the first contribution to a global list of aphid genus-group names for presentation to the International Commission on Zoological Nomenclature as a *Part* of the List of Available Names in Zoology, per article 78.2.1 of the ICZN 4th Edition (International Commission on Zoological Nomenclature 1999). Other participants in the project, under the leadership of J. Nieto Nafría, are S. Akimoto of Hokkaido University, Japan; S. Barbagallo of Catania University, Italy; S. Chakrabarti of the University of Kalyani, India; M.P. Mier Durante and N. Pérez of the University of León, Spain; G.-X. Qiao of the Chinese Academy of Sciences; A. Stekolshchikov of the Russian Academy of Sciences; and P. Wegiereck of the University of Silesia, Poland.

Those aphid genus-group names included in the list fall within the superfamily Aphidoidea (Hemiptera), including the extant family Aphididae and extinct families Canadaphididae, Cretamyzidae, and Oviparosiphidae. The list of generic names includes neither the Phylloxeroidea (extant families Adelgidae and Phylloxeridae and extinct families Elektraphidae and Mesozoicaphididae) nor the extinct *incertae sedis* families close to Aphidoidea and Phylloxeroidea (Creaphididae, Grenaphididae, Palaeoaphididae, Shaposhnikoviidae [with subfamilies Shaposhnikoviinae and Szelegiewiczziinae], Tajmyraphididae and Triassoaphididae).

The genus-group names cataloged herein are those where the type locality of the nominal species occurs in the New World, including North America,

Greenland, the Caribbean region, Central America, and South America. Although not formally a New World area, due to its status as a state of the U.S.A., Hawaii also is included. Some listed genera are not endemic to the New World: for example, *Aloephagus* Essig, which is Afrotropical in origin (Essig 1950), is included because the type locality is California, U.S.A. In a few cases, New World type species have been synonymized with Old World species (e.g., *Betulaphis occidentalis* Glendenning [Canada] = *Aphis quadrituberculata* Kaltenbach [Europe]), or vice versa (*Takecallis bambusae* Matsumura [Japan] = *Callipterus arundicolens* Clarke [U.S.A.]). Conversely, some Holarctic genera are not included because the type locality of the nominal species is not in the New World (e.g., *Aphis* Linnaeus).

The names are listed in alphabetical order with the original taxon name followed by the author's name and the date of publication. The type species, its author, date, primary type locality, and senior synonym, where applicable, also are listed. The name's status and, in the case of valid names, its taxonomic position, gender, and etymology are recorded. Bracketed text ([*]) indicates our best estimate of the etymology of the name based on Greek and Latin roots or other sources, whereas quoted text (" * ") is taken directly from the source.

CONTEXT AND SUMMARY

The first systematic aphid work in North America was published in 1817 (Rafinesque 1817). Rafinesque (1818) was also the first person anywhere to publish aphid subgenera. Unfortunately, his descriptive style followed that of the time and his names are today considered *nomina dubia*; attempts were made to clarify his names (Wilson 1910d, Hottes 1931) and later to suppress them (Hottes 1963, Stoetzel 1982). *Dactynotus*, later elevated to the generic level, was the one Rafinesque name in broad use until Eastop and Hille Ris Lambers (1976) replaced it with *Uroleucon* Mordvilko. It was 45 years after Rafinesque's publication that the next New World genus-group name was erected (*Calaphis* Walsh 1863, Figure 1), the oldest currently valid name.

Early on, New World aphidologists relied largely on European classification schemes and were disadvantaged, as were other New World entomologists, by lack of literature and collections for comparative purposes (Sorensen 1995). However, new genera and subgenera were proposed when genera became "extensive in species" (Rafinesque 1818) or when they were found as "entirely new" (Walsh 1863). Early generic treatments for the United States were presented by Walsh (1863), Thomas (1878), Oestlund (1887), and Ashmead (1889). Blanchard's (1922) *Picturaphis* was the first South American aphid genus described. The description of new genus-group names was steady throughout the 20th Century (Figure 1). The 19th Century saw more names that are today considered invalid than names that remain valid (Figure 1).

Various aphid lists and catalogs referable to the New World have appeared since *Systema Naturae, editio X* (Linnaeus 1758) and while it is not the intent of the current study to present a complete bibliographic summary of all such work, several individuals' papers are notable. The most recent comprehensive works encompassing the New World are those by Smith and Parron (1978) for North America and Smith and Cermelli (1979) for South and Central America and the Caribbean Islands. However, our list of New World aphid genera has been ex-

tracted from several other works including, but not restricted to Hunter (1901), Kirkaldy (1905, 1906a, b, c, 1908); Wilson (1910c), Miller (1938), Eastop and Hille Ris Lambers (1976), Foottit and Richards (1993), Remaudière and Remaudière (1997), and Heie and Wegierek (1998).

This catalog contains 206 available genus-group names, of which 149 are valid and 57 are invalid or *nomina dubia* (synonyms [41], homonyms [13], *nomina dubia* [3]). Four unavailable names are listed to clarify their status, but misspellings, also unavailable, are not included in the catalog.

Monographic works of Scudder (1890), A.C. Baker (1920), Oestlund (1923), and Richards (1965) established the greatest number of genus-group names within a single publication with 10, 6, 12, and 6 names, respectively. D. Hille Ris Lambers, O.W. Oestlund, W.R. Richards, and S.H. Scudder each provided 10 or more generic names (Table 1). Hille Ris Lambers, working in the Netherlands, described the most genera, with nominal species from type localities in 7 states of the U.S.A., 2 Canadian provinces, Suriname, and Greenland. C.P. Gillette is the only aphidologist to describe five or more genera with none invalid today (Table 1).

Most New World genus-group names were originally described from U.S. localities (151), with 55 from elsewhere (Argentina, 12; Brazil, 3; Canada, 20; Chile, 3; Dominican Republic, 2; Greenland, 2; Mexico, 7; and Suriname, 1). Five genera were originally described from Egypt, Europe, Japan (2), and South Africa, with their type species later being synonymized with species from the New World. Three were originally described from the New World and their type species later synonymized with species from Europe, England, and Germany. Within the U.S.A., more nominal species have type localities in the state of Colorado than in any other (31), reflecting especially the work of Gillette and 13 other authors. Nineteen genus-group names have nominal species with type localities in California, representing the work of 12 aphidologists, whereas 17 Illinois genus-group names were erected by 13 aphidologists. High numbers are likely the result of the high number of species described from these states, due largely to the historical presence of aphidologists. Twenty-three genus-group names have been erected for fossil taxa; 13 remain valid, with 5 from Canadian amber, 4 from Florissant shale, 2 from Quesnel shale, and 2 from Dominican amber. All 10 invalid fossil genus-group names are from Florissant shale, mostly due to Scudder's (1890) erection of genera previously described by Buckton (1883) (based on Scudder's pictures [Heie 1967]).

NOMENCLATURAL ISSUES

The gender of aphid names ending in “-callis” has been uncertain in the past and, for the purpose of future nomenclatural stability, we here wish to resolve the matter. The first aphid genus with the “-callis” ending was *Myzocallis* Passerini 1860, the likely model for all future generic names with that ending. Passerini (1860) used the feminine ending for *Myzocallis quercea* (Kaltenbach 1843), implying a feminine gender for the genus (Nieto Nafria and Mier Durante 1998: 408). Quednau (2003: 3), disagreeing, argued that Passerini may only have been following Kaltenbach's (1843) ending; we further note that Passerini (1860) also did not change the ending on *Chaitophorus salicivora* (Walker 1848). Quednau (2003) also pointed out that Börner (1952), Eastop and Hille Ris Lambers (1976), and Remaudière and Remaudière (1997) treated genera ending in “-callis” as

masculine. We note, however, that zoological genera of taxa other than aphids with the *-callis* ending are feminine, eg. *Acacallis*, *Crocallis*, *Kribiocallis* (Neave 2004).

Although “callis” may be a masculine Latin term for ‘footpath’ (Brown 1956), its combination with the Greek “myzo” and the historical consensus of the aphid systematics community dictates that it should be Greek. If the name is considered entirely Greek (kall- + -is/-id-), the feminine suffix “is” determines the gender of the whole word. If, however, we consider the neuter Greek “kallos” to be Latinized with the “-is” suffix, the name’s gender should follow the Latin’s (ICZN 1999, article 30.1.3), which can be either masculine or feminine, but not neuter (Brown 1956). However, finally, according to the ICZN (1999) article 30.1.4.2, we must defer to the genus-species combination as first used by Passerini (1860). Therefore, whether it be derived from Greek or Latinized Greek, *Myzocallis* Passerini and all other genera sharing the *Myzocallis* ending must be treated as feminine.

Historically, Julia McVicar Baker, who described two genera from Mexico, has been cited alternately as “J.M. Baker” (e.g., Smith and Parron 1978) and “McVicar Baker” (e.g., Remaudière and Remaudière 1997). She labeled several of her type slides, deposited at the United States National Museum of Natural History Aphidoidea Collection, Beltsville, Maryland, with “J. Baker,” and designated the type specimens of her genera, “*Cuernavaca mexicana* Baker” and “*Bursaphis solitaria* Baker” (J.M. Baker 1934). Therefore, we cite her as Baker, adding her first initials to distinguish her from her aphidologist husband, A.C. Baker.

Finally, two nomenclatural issues are resolved. One is the replacement name, *Strenaphis* Quednau *nomen novum* for the homonymic *Stenaphis* Quednau. The other is the establishment of *Siphonophora acerifoliae* Thomas as the type species of *Phymatosiphum* Davis (see below).

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CATALOG

Abstrusomyzus Jensen and Stoetzel 1999: 48

Type species: *Phorodon phloxae* Sampson 1939: 174 (U.S.A., California), by original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: masculine

Etymology: “from Latin ‘abstrusus,’ meaning hidden or concealed and *Myzus*”

Acuticauda Hille Ris Lambers 1956: 292

Type species: *Aphis asterensis* Gillette and Palmer 1929: 22 (U.S.A., Colorado), by original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology: [Latin “acut-” ‘sharp’ + Latin “cauda”]

Adactynus Rafinesque 1818: 18

Described as subgenus of *Aphis* Linnaeus 1758

Type species: *Aphis pterisaquilinoides* Rafinesque 1917: 361 (U.S.A.), by subsequent designation (Börner 1930: 161)

Current status: *nomen dubium*; description of genus-group name and its type species are obscure and the names are currently unused

Gender: masculine

Etymology: [Greek “a-” ‘without’ + Greek “dakty(lios)” ‘ring’ + Latin suffix “-nus” (perhaps reduction from Greek “not-” ‘back’ + Latin suffix “-us”, referring to the lack of visible segmentation on the dorsum (see *Dactynotus*)]

Alloambria Richards 1966: 756

Type species: *Alloambria caudata* Richards 1966: 757 (Canada, Manitoba), by original designation

Fossil deposit: Canadian amber

Current status: valid

Current taxonomic position: Canadaphididae

Gender: feminine

Etymology: [Greek “allo” ‘other’ + French (from Arabic) “amber” ‘amber’, another aphid from amber]

Aloephagus Essig 1950: 22

Type species: *Aloephagus myersi* Essig 1950: 22 (U.S.A., California), by original designation

Current status: valid

Current taxonomic position: Fordini Eriosomatinae Aphididae

Gender: masculine

Etymology: [Greek “aloe”, “phag-” ‘feed’ + Latin suffix “-us”, feeding on *Aloe*]

Alphitoaphis Hottes 1926: 116

Type species: *Aphis lonicericola* Williams 1911: 129 (U.S.A., Nebraska), by original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology: [Greek “alphito-” ‘barley groats’ + *Aphis*]

Amalancon Scudder 1890: 270

Type species: *Amalancon lutosus* Scudder 1890: 270 (U.S.A., Colorado)

[=*Siphonophoroides antiqua* Buckton 1883: 176 (U.S.A., Colorado)], by monotypy

Fossil deposit: Florissant shale

Current status: junior subjective synonym of *Siphonophoroides* Buckton 1883

Gender: masculine

Etymology: [Greek “amal(aktos)” ‘that cannot be softened’ + Greek “ankón” ‘elbow’]

“the name is given with reference to the weakness of the cubital vein, which it shares with *Anconatus*”

Amphicercidus Oestlund 1923: 126

Type species: *Aphis pulverulens* Gillette 1911b: 324 (U.S.A., Colorado), by original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: masculine

Etymology: [Greek “amphi” ‘double’, “kerk-” ‘tail’ + Latin suffix “-idus”]

Amphorinophora MacGillivray 1958: 36

Described as subgenus of *Masonaphis* Hille Ris Lambers 1939

Type species: *Amphorophora crystleae* Smith and Knowlton 1939: 241 (U.S.A., Idaho), by monotypy

Current status: valid

Current taxonomic position: subgenus of *Illinoia* Wilson 1910a, Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology: [Greek and Latin “amphor-” ‘bottle or flask’ + Latin suffix “-inus (or Greek suffix “-inos”) + Greek “phor-” ‘carry’ + Latin “-a”]

Anacallis Remaudière 1982: 386

Described as subgenus of *Mexicallis* Remaudière 1982

Type species: *Mexicallis (Anacallis) areolatus* Remaudière 1982: 388 (Mexico, Mexico), by original designation

Current status: valid

Current taxonomic position: subgenus of *Mexicallis* Remaudière 1982, Myzocallidina Panaphidini Calaphidinae Aphididae

Gender: masculine

Etymology: “named for the marginal processes that look like duck (anas) bills”

Anconatus Buckton 1883: 177

Type species: *Anconatus dorsuosus* Buckton 1883: 177 (U.S.A., Colorado), by monotypy

Fossil deposit: Florissant shale

Current status: valid

Current taxonomic position: Aphidoidea *insertae sedis*

Gender: masculine

Etymology: [Greek “ankon” ‘elbow’ + Latin suffix “-atus”, with an elbow] “the cubital vein has but a single fork”

Andinaphis Mier Durante, Ortego, & Nieto Nafría 1997: 721

Described as subgenus of *Brachyunguis* Das 1918

Type species: *Brachyunguis (Andinaphis) paradoxus* Mier Durante, Ortego, & Nieto Nafría 1997: 722 (Argentina, Mendoza), by original designation

Current status: valid

Current taxonomic position: Aphidina Aphidini Aphidinae Aphididae

Gender: feminine

Etymology: “Neo-Latin words “andinus” and “aphis”, Andean and aphid, respectively”

Aniferella Richards 1966: 759

Type species: *Aniferella bostoni* Richards 1966: 759 (Canada, Alberta), by original designation

Fossil deposit: Canadian amber

Current status: valid

Current taxonomic position: Neophyllaphidinae Aphididae

Gender: feminine

Etymology: [Latin “an(us)” ‘ring’ + Latin “fer-” ‘to carry’ + Latin diminutive suffix “-ella” ‘little’, it carries a ring (or rings)]

Aphantaphis Scudder 1890: 253

Type species: *Aphantaphis exsua* Scudder 1890: 254 (U.S.A., Colorado)

[=*Siphonophoroides antiqua* Buckton 1883: 176 (U.S.A., Colorado)], by monotypy

Fossil deposit: Florissant shale

Current status: junior objective synonym of *Siphonophoroides* Buckton 1883

Gender: feminine

Etymology: [Greek “aphant-” ‘invisible’ + *Aphis*]

Aphidopsis Scudder 1890: 260

Type species: *Aphidopsis margarum* Scudder 1890: 264 (U.S.A., Colorado), by subsequent designation (Heie 1967: 205)

Fossil deposit: Florissant shale

Current status: valid

Current taxonomic position: Drepanosiphinae Aphididae

Gender: feminine

Etymology: [*Aphis* + Greek “opsis” ‘aspect’]

Aphthargelia Hottes 1958: 43

Replacement name for *Thargelia* Oestlund 1923

Type species: *Aphis albipes* Oestlund 1887: 52 (U.S.A., Minnesota) [= *Aphis symphoricarpi* Thomas 1877: 12 (U.S.A., Iowa)], original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology: [*Aphis* + *Thargelia*]

Appendiseta Richards 1965: 75

Type species: *Callipterus robiniae* Gillette 1907: 395 (U.S.A., Colorado), by original designation

Current status: valid

Current taxonomic position: Panaphidina Panaphidini Calaphidinae Aphididae

Gender: feminine

Etymology: [Latin “append-” ‘appended’ + “seta” ‘bristle’, appended with bristles (at base of siphunculi)]

Archeoessigella Sorensen 1994: 21

Described as subgenus of *Essigella* Del Guercio 1909a

Type species: *Essigella kathleena* Sorensen 1988: 115 (U.S.A., California), by original designation

Current status: valid

Current taxonomic position: subgenus of *Essigella* Del Guercio 1909a, Eulachnini
Lachninae Aphididae

Gender: feminine

Etymology: “Archeo-” (Greek) = ancient; the name reflects the old and primitive status of the subgenus; coincidentally, the compounded name includes ‘-eoessig-’ for E.O. Essig”

Archilachnus Buckton 1883: 177

Type species: *Archilachnus pennatus* Buckton 1883: 177 (U.S.A., Colorado), by monotypy

Fossil deposit: Florissant shale

Current status: junior subjective synonym of *Siphonophoroides* Buckton 1883

Gender: masculine

Etymology: [Greek “arkh-” ‘primitive’ + “Lachnus”]

Artemisaphis Knowlton and Roberts 1947: 27

Type species: *Aphis artemisicola* Williams 1911: 121 (U.S.A., Nebraska), by original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology: [*Aphis* + *Artemisia*]

Asiphonaphis Wilson and Davis 1919: 39

Type species: *Asiphonaphis pruni* Wilson and Davis 1919: 39 (U.S.A., Wisconsin), by original designation

Current status: valid

Current taxonomic position: Rhopalosiphina Aphidini Aphidinae Aphididae

Gender: feminine

Etymology: [Greek “a-” ‘without’ + Greek “siphon” ‘siphunculus’ + *Aphis*]

Aspidaphis Gillette 1917: 196

Type species: *Aspidaphis polygona* Gillette 1917: 196 (U.S.A., Colorado) [= *Aphis adjuvans* Walker 1848: 2220 (England)], by monotypy

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology: [Greek “aspid-” ‘shield’ + *Aphis*]

Atarsos Gillette 1911a: 440

Type species: *Atarsos grindeliae* Gillette 1911a: 440 (U.S.A., Colorado), by original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology: [Greek “a-” ‘without’ + “tarsus” ‘ankle’, without tarsi]

Baizongiella Blanchard 1944: 44

Type species: *Baizongiella solanophila* Blanchard 1944: 44 (Argentina, Buenos Aires & Mendoza) [= *Pemphigus canadensis* Del Guercio 1913a: 151 (Argentina, Mendoza)], by monotypy

Current status: junior subjective synonym of *Pemphigus* Hartig 1839

Gender: feminine

Etymology: [*Baizongia* + Latin suffix “-ella” ‘small’]

Betulaphis Glendenning 1926: 96

Type species: *Betulaphis occidentalis* Glendenning 1926: 96 (Canada, British Columbia) [= *Aphis quadrituberculata* Kaltenbach 1843: 134 (Europe)], by original designation

Current status: valid

Current taxonomic position: Calaphidini Calaphidinae Aphididae

Gender: feminine

Etymology: [*Betula* + *Aphis*]

Bipersona Hottes 1926: 115

Type species: *Aphis torticauda* Gillette 1907: 289 (U.S.A., Colorado), by original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology: [Latin “bi-” ‘two’ + Latin “persona” ‘mask’, referring to similarities with both Aphidini and Macrosiphini]

Blanchardaphis Ortego, Nieto Nafría, & Mier Durante 1998: 230

Replacement name for *Blanchardia* Ortego, Nieto Nafría, & Mier Durante 1997

Type species: *Blanchardia poikila* Ortego, Nieto Nafría, & Mier Durante 1997: 1095 (Argentina, Mendoza), by original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology: “as *Blanchardia*”

Blanchardia Ortego, Nieto Nafría, & Mier Durante 1997: 1094

Type species: *Blanchardia poikila* Ortego, Nieto Nafría, & Mier Durante 1997: 1095 (Argentina, Mendoza), by original designation

Current status: junior homonym of

Blanchardia Castlenau 1875, a fish; *Blanchardia* Buchecker 1880, a butterfly;

Blanchardia Wierzejski 1890, a protozoan;

Blanchardia Brongniart 1893, a fossil mayfly;

Blanchardia Blatchley 1910, a beetle;

Blanchardia Gedroye 1915, a leech. Replaced by *Blanchardaphis* Ortego, Nieto Nafría, & Mier Durante 1998

Gender: feminine

Etymology: “from the name and in honour of the most eminent Argentinean aphidologist, Everard Blanchard”

Boernerinella Hille Ris Lambers and Hottes 1962: 112

Described as subgenus of *Boernerina* Bramstedt 1940

Type species: *Boernerina (Boernerinella) occidentalis* Hille Ris Lambers and Hottes 1962: 112 (U.S.A., Alaska), by original designation

Current status: junior subjective synonym of

Boernerina Bramstedt 1940

Gender: feminine

Etymology: [*Boernerina* + Latin diminutive suffix “-ella”]

Braggia Gillette and Palmer 1929: 28

Type species: *Braggia echinata* Gillette and Palmer 1929: 29 (U.S.A., Colorado), by original designation

Current status: valid

Current taxonomic position: Aphidina Aphidini Aphidinae Aphididae

Gender: feminine

Etymology: “named for Mr. L.C. Bragg”

Brasilaphis Mordvilko 1930: 277

Type species: *Brasilaphis bondari* Mordvilko 1930: 278 (Brazil, Bahia), by original designation

Current status: valid

Current taxonomic position: Cervaphidini Greenideinae Aphididae

Gender: feminine

Etymology: [Brazil + *Aphis*]

Bursaphis J.M. Baker 1934: 217

Type species: *Bursaphis solitaria* J.M. Baker 1934: 217 (Mexico), by original designation

Current status: valid

Current taxonomic position: subgenus of *Aphis* Linnaeus 1758, Aphidina Aphidini Aphidinae Aphididae

Gender: feminine

Etymology: [Latin “bursa” ‘purse’ + *Aphis*, the secondary rhinaria are purse-shaped]

Cachryphora Oestlund 1923: 132

Type species: *Rhopalosiphum serotinae* Oestlund 1887: 76 (U.S.A., Minnesota), by original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology: [Greek “kakhry-” ‘parched barley’ + Greek “phor-” ‘that it carries’ + Latin suffix “-a”]

Calaphis Walsh 1863: 301

Type species: *Calaphis betulella* Walsh 1863: 301 (U.S.A., Illinois), by monotypy

Current status: valid

Current taxonomic position: Calaphidini Calaphidinae Aphididae

Gender: feminine

Etymology: [Greek “kalós” ‘beautiful’ + *Aphis*]

Californicallis Quednau and Remaudière 1994: 310

Described as subgenus of *Myzocallis* Passerini 1860

Type species: *Myzocallis (Californicallis) agrifolicola* Richards 1966b: 878 (U.S.A., California), by original designation

Current status: valid

Current taxonomic position: subgenus of *Myzocallis* Passerini 1860, Myzocallidina Panaphidini Calaphidinae Aphididae

Gender: masculine

Etymology: [California + “callis” typical ending for Calaphidinae]

Canadaphis Essig in Carpenter et al. 1938: 19

Type species: *Canadaphis carpenteri* Essig in Carpenter et al. 1938: 19 (Canada, Manitoba), by monotypy

Fossil deposit: Canadian amber

Current status: valid

Current taxonomic position: Canadaphididae

Gender: feminine

Etymology: [Canada + *Aphis*]

Capitophoraphis Blanchard 1944: 34

Type species: *Capitophoraphis williamsoni* Blanchard 1944: 35 (Argentina, La Pampa) [= *Aphis rufomaculata* Wilson 1908: 261 (U.S.A., Colorado)], by original designation

Current status: junior subjective synonym of *Coloradoa* Wilson 1910a

Gender: feminine

Etymology: [*Capitophorus* + *Hyadaphis*]

Carolinaia Wilson 1911: 61

Type species: *Carolinaia caricis* Wilson 1911: 61 (U.S.A., South Carolina), by monotypy

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology: [U.S. state of South Carolina]

Castaneomyzocallis Quednau and Remaudière 1987: 339

Described as subgenus of *Myzocallis* Passerini 1860

Type species: *Aphis castaneae* Fitch 1856: 471 (U.S.A., New York), by original designation

Current status: valid

Current taxonomic position: subgenus of *Myzocallis* Passerini 1860, Myzocallidina Panaphidini Calaphidinae Aphididae

Gender: masculine

Etymology: [*Castanea* + *Myzocallis*]

Catamergus Oestlund 1923: 141

Type species: *Nectarophora fulvae* Oestlund 1887: 80 (U.S.A., Minnesota), by original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: masculine

Etymology:

[Greek “katá” ‘downward’ + Latin “mergus” ‘diver’, named for habit of feeding with head downward]

Cataneura Scudder 1890: 245

Type species: *Cataneura absens* Scudder 1890: 245 (U.S.A., Colorado) [= *Archilachnus pennatus* Buckton 1883: 177 (U.S.A., Colorado)], by subsequent designation (Heie 1967: 205)

Fossil deposit: Florissant shale

Current status: junior subjective synonym of *Siphonophoroides* Buckton 1883

Gender: neuter

Etymology: [Greek “katá” ‘completely’ + Greek “neur-” ‘nerve’ + Latin suffix “-a”, complete wing vein]

Cedoaphis Oestlund 1923: 127

Type species: *Cedoaphis incognita* Hottes and Frison 1931: 438 (U.S.A., Minnesota), by subsequent designation (Hottes and Frison 1931: 438)

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology:

[Latin “ced-” ‘to yield’ +

Aphis, inferior aphid (referring to ‘primitive’ glands)]

Cepgillettea Granovsky 1928: 114

Type species: *Cepgillettea betulaefoliae* Granovsky 1928: 114 (U.S.A., Wisconsin), by original designation

Current status: valid

Current taxonomic position: Calaphidini Calaphidinae Aphididae

Gender: feminine

Etymology: [patronym for C. P. Gillette]

Chileaphis Essig 1953: 63

Type species: *Chileaphis michelbacheri* Essig 1953: 65 (Chile, Los Lagos), by original designation

Current status: valid

Current taxonomic position: subgenus of *Neophyllaphis* Takahashi 1920, Neophyllaphidinae Aphididae

Gender: feminine

Etymology: [Chile + *Aphis*]

Colopha Monell 1877: 102

Type species: *Byrsocrypta ulmicola* Fitch 1859: 843 (U.S.A., New York), by original designation

Current status: valid

Current taxonomic position: Eriosomatini Eriosomatinae Aphididae

Gender: feminine

Etymology: [Greek “colophon” ‘the end’, referring to the blunt cauda]

Coloradoa Wilson 1910a: 323

Type species: *Aphis rufomaculata* Wilson 1908: 261 (U.S.A., Colorado), by original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology: [U.S. state of Colorado]

Cornaphis Gillette 1913: 491

Type species: *Cornaphis populi* Gillette 1913: 491 (U.S.A., Wyoming), by monotypy

Current status: valid

Current taxonomic position: Pemphigini Eriosomatinae Aphididae

Gender: feminine

Etymology:

[Latin “corn-” ‘horn’ + *Aphis*, referring to the shape of the gall]

Cretamyzus Heie in Heie and Pike 1992: 1030

Type species: *Cretamyzus pikei* Heie in Heie and Pike 1992: 1030 (Canada, Alberta), by original designation

Fossil deposit: Canadian amber

Current status: valid

Current taxonomic position: Cretamyzidae

Gender: masculine

Etymology: [Cretaceous + *Myzus*]

Cuernavaca J.M. Baker 1934: 210

Type species: *Cuernavaca mexicana* J.M. Baker 1934: 210 (Mexico, Nuevo León), by original designation

Current status: junior homonym of *Cuernavaca* Kirkaldy 1913, a planthopper. Replaced by *Diuraphis* Aizenberg 1935

Gender: feminine

Etymology: [Mexican city of Cuernavaca (not the type locality)]

Dactynotus Rafinesque 1818: 18

Described as subgenus of *Aphis* Linnaeus 1758

Type species: *Aphis (Dactynotus) hieraciumpaniculatum* Rafinesque 1818: 17 (U.S.A.), by subsequent designation (Börner and Schilder 1930: 185)

Current status: *nomen dubium*; historically used instead of *Uroleucon* Mordvilko 1914 until Eastop and Hille Ris Lambers (1976) transferred all species to *Uroleucon* without explanation. The use of *Dactynotus* was defended by Stoetzel (1982) in a petition to ICZN to suppress all Rafinesque aphid names except *Dactynotus*. A ruling by the ICZN was not made

Gender: masculine

Etymology: [Greek “dakty(lios)” ‘ring’ + Greek “not(on)” ‘the back’, referring to visible segmentation on the dorsum]

Davidsonia Essig 1912b: 827

Type species: *Fullawaya saliciradicis* Essig 1912a: 716 (U.S.A., California), by monotypy

Current status: junior homonym of *Davidsonia* Bouchard-Chanteraux 1849, a Devonian brachiopod. Essig (1912b) lists *Davidsonia saliciradicis* Essig in his host plant catalog, making *Davidsonia* available according to article 12.2.5 of the ICZN (1999). Smith and Parron (1978) incorrectly list it as a *nomen nudum*, and Eastop and Hille Ris Lambers (1976) and Remaudière and Remaudière (1997) incorrectly attribute *Fullawaya saliciradicis* Essig to *Davidsonia*. As *Davidsonia* is a junior objective synonym of *Fullawaya* Essig 1912a, a replacement name is not needed

Gender: feminine

Etymology: [patronym for W. M. Davidson]

Dilachnus A.C. Baker 1919b: 253

Replacement name for *Wilsonia* A.C. Baker 1919

Type species: *Lachniella gracilis* Wilson 1919a: 20 (U.S.A., District of Columbia), by original designation

Current status: junior homonym of *Dilachnus* Fairmaire 1896, a beetle. Replaced by *Panimerus* Laing 1926

Gender: masculine

Etymology: [Greek “di-” ‘double’ + *Lachnus*]

Dominicaphis Heie and Poinar 1999: 816

Type species: *Dominicaphis succini* Heie and Poinar 1999: 816 (Dominican Republic),
by monotypy

Fossil deposit: Dominican amber

Current status: valid

Current taxonomic position: Hormaphidinae Aphididae

Gender: feminine

Etymology: "genus name derived from "Dominican" and *Aphis*"

Drepanaphis Del Guercio 1909c: 49

Type species: *Siphonophora acerifoliae* Thomas 1878: 4 (U.S.A., Iowa), by original
designation

Current status: valid

Current taxonomic position: Drepanosiphinae Aphididae

Gender: feminine

Etymology: [Greek "drepan-" 'sickle' + *Aphis*]

Durocapillata Knowlton 1927: 229

Type species: *Durocapillata utahensis* Knowlton 1927: 229 (U.S.A., Utah), by original
designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology:

[Latin "duru-" 'hardy' + "capill-" 'hair' + suffix "-ata" 'with', with hard hairs]

Echinaphis Cockerell 1913: 229

Type species: *Echinaphis rohweri* Cockerell 1913: 229 (U.S.A., Colorado), by monotypy

Fossil deposit: Florissant shale

Current status: valid

Current taxonomic position: Drepanosiphinae Aphididae

Gender: feminine

Etymology: [Greek "ekhin-" 'hedgehog' or 'sea urchin' + *Aphis*, referring to its spiny
nature]

Eichochaitophorus Essig 1912a: 715

Type species: *Eichochaitophorus populifolii* Essig 1912a: 715 (U.S.A., California), by
original designation

Current status: junior subjective synonym of *Chaitophorus* Koch 1854

Gender: masculine

Etymology: [Greek "eiko-" 'image' or 'semblance' + *Chaitophorus*]

Eokakimia Heie 1979: 20

Described as subgenus of *Nasonovia* Mordvilko 1914

Type species: *Dactynotus wahinkae* Hottes 1933: 19 (U.S.A., Colorado), by original
designation

Current status: valid

Current taxonomic position: subgenus of *Nasonovia* Mordvilko 1914, Macrosiphini
Aphidinae Aphididae

Gender: feminine

Etymology: "the early *Kakimia*, the forerunner of *Kakimia*"

Eomacrosiphon Hille Ris Lambers in MacGillivray 1958: 24

Type species: *Macrosiphum nigromaculosum* MacDougall 1926: 168 (Canada, British Columbia), by original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: neuter

Etymology: [Greek “eo-” ‘dawn’ or ‘early’ + *Macrosiphum*]

Epameibaphis Oestlund 1923: 132

Type species: *Aphis frigidae* Oestlund 1887: 65 (U.S.A., Minnesota), by original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology: [Greek “epamoib-” ‘one upon another’ + *Aphis*]

Ericobium MacGillivray 1958: 25

Described as subgenus of *Masonaphis* Hille Ris Lambers 1939

Current status: *nomen nudum*, **unavailable**

Essigella Del Guercio 1909a: 329

Type species: *Lachnus californicus* Essig 1909: 1 (U.S.A., California), by monotypy

Current status: valid

Current taxonomic position: Eulachnini Lachninae Aphididae

Gender: feminine

Etymology: [patronym for E.O. Essig]

Euthoracaphis Takahashi 1938: 14

Described as subgenus of *Thoracaphis* van der Goot 1917

Type species: *Thoracaphis umbellulariae* Essig 1932: 4 (U.S.A., California), by original designation

Current status: valid

Current taxonomic position: Nipponaphidini Hormaphidinae Aphididae

Gender: feminine

Etymology: [Greek “eu-” ‘well’ or ‘good’ + *Thoracaphis*]

Fagiphagus Smith 1974: 14

Type species: *Eriosoma imbricator* Fitch 1851: 68 (U.S.A., New York), by original designation

Current status: junior subjective synonym of *Grylloprociphilus* Smith & Pepper 1968

Gender: masculine

Etymology: [*Fagus* + Greek “phag-” ‘to eat’ + Latin suffix “-us”]

Fimbriaphis Richards 1959: 248

Type species: *Fimbriaphis fimbriata* Richards 1959: 250 (Canada, British Columbia), by original designation

Current status: junior subjective synonym of *Ericaphis* Börner 1939

Gender: feminine

Etymology:

[Latin “fimbri(a)” ‘fiber’ or ‘thread’ + *Aphis*, referring to fringed rhinaria]

Flabellomicrosiphum Gillette and Palmer 1932b: 472

Type species: *Chatophorus tridentatae* Wilson 1915: 89 (U.S.A., Oregon), by monotypy

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: neuter

Etymology: [Latin “flabell(um)” ‘small fan’ + *Microsiphum*, referring to spatulate setae]

Fullawaya Essig 1912a: 716

Type species: *Fullawaya saliciradicis* Essig 1912a: 716 (U.S.A., California), by original designation

Current status: valid

Current taxonomic position: Pterocommatinae Aphididae

Gender: feminine

Etymology: “in honor of Mr. [David T.] Fullaway”

Fullawayella Del Guercio 1911: 462

Type species: *Macrosiphum kirkaldyi* Fullaway 1910: 22 (U.S.A., Hawaii), by original designation

Current status: junior subjective synonym of *Idiopterus* Davis 1909

Gender: feminine

Etymology: [patronym for D. T. Fullaway]

Gentnera Essig 1952: 215

Type species: *Gentnera oregona* Essig 1952: 216 (U.S.A., Oregon) [= *Aphis setosa* Kaltenbach 1846: 172 (Germany)], by original designation

Current status: junior subjective synonym of *Ctenocallis* Klodnitsky 1924

Gender: feminine

Etymology: “named for L.G. Gentner”

Geoica Hart in Forbes 1894: 101

Type species: *Geoica squamosa* Hart in Forbes 1894: 102 (U.S.A., Illinois), by monotypy

Current status: valid

Current taxonomic position: Fordini Eriosomatinae Aphididae

Gender: feminine

Etymology: [Greek “ge” ‘earth’ or ‘soil’ + “oik-” ‘house’ or ‘to habit’ + Latin suffix “-a”, referring to the subterranean habit]

Geopemphigus Hille Ris Lambers 1933: 197

Type species: *Geopemphigus surinamensis* Hille Ris Lambers 1933: 198 (Suriname)

[= *Geoica floccosa* Moreira 1925: 31 (Brazil)], by original designation

Current status: valid

Current taxonomic position: Fordini Eriosomatinae Aphididae

Gender: masculine

Etymology: [Greek “ge” ‘earth’ or ‘soil’ + *Pemphigus*, referring to the subterranean habit]

Georgia Wilson 1911: 64

Type species: *Georgia ulmi* Wilson 1911: 64 (U.S.A., South Carolina), by monotypy

Current status: junior homonym of *Georgia* Baird & Girard 1853, a reptile; *Georgia* Thomson 1857, a beetle; *Georgia*, Bourguignat 1882, a mollusk. Replaced by *Georgiaphis* Maxson & Hottes 1926

Gender: feminine

Etymology: [U.S. state of Georgia]

Georgiaphis Maxson and Hottes 1926: 267

Replacement name for *Georgia* Wilson 1911

Type species: *Georgia ulmi* Wilson 1911: 64 (U.S.A., South Carolina), by original designation

Current status: junior subjective synonym of *Eriosoma* Leach 1818

Gender: feminine

Etymology: [*Georgia* + *Aphis*]

Gerancho Scudder 1890: 248

Type species: *Lachnus petrorum* Scudder 1878a: 527 (Canada, British Columbia), by subsequent designation (Heie 1967: 205)

Fossil deposit: Quesnel shale

Current status: valid

Current taxonomic position: Aphidoidea incerta sedis

Gender: neuter

Etymology: [Latin “ger” ‘to carry’ + Greek “ankón” ‘elbow’, referring to the cubital vein]

Glabromyzus Richards 1960: 771

Described as subgenus of *Carolinaia* Wilson 1911

Type species: *Rhopalosiphum rhois* Monell 1879: 27 (U.S.A.), by original designation

Current status: valid

Current taxonomic position: subgenus of *Carolinaia* Wilson 1911, Macrosiphini
Aphidinae Aphididae

Gender: masculine

Etymology: [Latin “glabr-” ‘smooth’ +

Myzus, referring to the smooth frontal tubercles and/or smooth dorsum]

Glendenningia MacGillivray 1954: 346

Type species: *Glendenningia philadelphi* MacGillivray 1954: 346 (Canada, British Columbia), by original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology: [patronym for R. Glendenning]

Grylloprociphilus Smith and Pepper 1968: 57

Type species: *Grylloprociphilus frosti* Smith and Pepper 1968: 57 (U.S.A., Florida)

[=*Eriosoma imbricator* Fitch 1851: 68 (U.S.A., New York)], by original designation

Current status: valid

Current taxonomic position: Pemphigini Eriosomatinae Aphididae

Gender: masculine

Etymology: [Latin “gryll-” ‘cricket’ + *Prociphilus*, referring to the enlarged metafemora, as in crickets]

Gypsoaphis Oestlund 1923: 126

Type species: *Aphis lonicerae* Monell 1879: 26 (U.S.A., Missouri) [= *Gypsoaphis oestlundii* Hottes 1930: 181 (U.S.A., Missouri)], by original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology: [Greek “gypso-” ‘chalk’ + *Aphis*]

Hamamelistes Shimer 1867: 283

Type species: *Hamamelistes spinosus* Shimer 1867: 284 (U.S.A., Illinois), by subsequent designation (Oestlund 1923: 151)

Current status: valid

Current taxonomic position: Hormaphidini Hormaphidinae Aphididae

Gender: masculine

Etymology: [*Hamamelis* + Greek “-istes” ‘specialist in’]

Heterocallis Quednau 1966: 422

Type species: *Heterocallis daviaultii* Quednau 1966: 422 (Canada, Quebec), by original designation

Current status: junior subjective synonym of *Trichocallis* Börner 1930

Gender: masculine

Etymology: [Greek “hetero-” ‘another one’ + “callis” typical ending for Calaphidinae]

Heteroneura Davis 1919a: 228

Type species: *Siphonophora setariae* Thomas 1877: 5 (U.S.A., Illinois), by original designation

Current status: junior homonym of *Heteroneura* Fallèn 1810, a fly; *Heteroneura* Meigen 1830, a fly. Replaced by *Hysteroneura* Davis 1919b

Gender: feminine

Etymology: [Greek “hetero-” ‘different’ + “neur-” ‘venation’ + Latin suffix “-a”]

Hoplochaitophorus Granovsky 1933: 32

Type species: *Chaitophorus quercicola* Monell 1879: 32 (U.S.A., Missouri), by original designation

Current status: valid

Current taxonomic position: Myzocallidina Panaphidini Calaphidinae Aphididae

Gender: masculine

Etymology: [Greek “hoplo-” ‘armor’ + *Chaitophorus*]

Hormaphis Osten-Sacken 1894: 422

Type species: *Hormaphis hamamelidis* Osten-Sacken 1894: 422 (North America)

[=*Byrsocrypta hamamelidis* Fitch 1851: 69 (U.S.A., New York)], by monotypy

Current status: valid

Current taxonomic position: Hormaphidini Hormaphidinae Aphididae

Gender: feminine

Etymology: [Greek “horm-” ‘impulse’ or ‘start’ + *Aphis*]

Hyalomyzus Richards 1958: 169

Type species: *Myzus eriobotryae* Tissot 1935: 49 (U.S.A., Florida), by original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: masculine

Etymology: [Greek “hyalo-” ‘glassy’ or ‘vitreous’ + *Myzus*]

Hysteroneura Davis 1919b: 263

Replacement name for *Heteroneura* Davis 1919a

Type species: *Siphonophora setariae* Thomas 1877: 5 (U.S.A., Illinois), by original designation

Current status: valid

Current taxonomic position: Rhopalosiphina Aphidini Aphidinae Aphididae

Gender: feminine

Etymology: [Greek “hystero-” ‘latter’ or ‘behind’ + Greek “neur-” ‘venation’]

Idiopterus Davis 1909: 198

Type species: *Idiopterus nephrolepidis* Davis 1909: 199 (U.S.A., Illinois), by monotypy

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: masculine

Etymology: [Greek “idio-” ‘particular’ or ‘peculiar’ + Greek “pter-” ‘wing’ + Latin suffix “-us”]

Illinoia Wilson 1910a: 318

Type species: *Siphonophora liriodendri* Monell 1879: 20 (U.S.A., Missouri), by original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology: [U.S. state of Illinois]

Iowana Hottes 1954: 99

Type species: *Iowana frisoni* Hottes 1954: 99 (U.S.A., Iowa), by monotypy

Current status: valid

Current taxonomic position: Aphidina Aphidini Aphidinae Aphididae

Gender: feminine

Etymology: [U.S. state of Iowa]

Kakimia Hottes and Frison 1931: 344

Described as subgenus of *Myzus* Passerini 1860

Type species: *Myzus thomasi* Hottes and Frison 1931: 343 (U.S.A., Illinois)

[=*Nectarophora cynosbati* Oestlund 1887: 81 (U.S.A., Minnesota)], by original designation

Current status: valid

Current taxonomic position: subgenus of *Nasonovia* Mordvilko 1914, Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology: [Native American Miami-Illinois “sakimia” ‘mosquito’]

Lachnochaitophorus Granovsky 1933: 33

Type species: *Lachnochaitophorus querceus* Granovsky 1933: 35 (U.S.A., Wisconsin), by original designation

Current status: valid

Current taxonomic position: Myzocallidina Panaphidini Calaphidinae Aphididae

Gender: masculine

Etymology: [*Lachnus* + *Chaitophorus*]

Lambersella Sorensen 1994: 29

Described as subgenus of *Essigella* Del Guercio 1909a

Type species: *Essigella fusca* Gillette and Palmer 1924: 6 (U.S.A., Colorado), by original designation

Current status: valid

Current taxonomic position: subgenus of *Essigella* Del Guercio 1909a, Eulachnini Lachninae Aphididae

Gender: feminine

Etymology: “named for Dirk [sic] Hille Ris Lambers”

Lambersius Olive 1965: 284

Described as subgenus of *Dactynotus* Rafinesque 1818

Type species: *Siphonophora erigeronensis* Thomas 1878: 7 (U.S.A., Illinois), by original designation

Current status: valid

Current taxonomic position: subgenus of *Uroleucon* Mordvilko 1914, Macrosiphini
Aphidinae Aphididae

Gender: masculine

Etymology: “in honor of Dick Hille Ris Lambers”

Landisaphis Knowlton and Ma 1949: 147

Type species:

Landisaphis davisi Knowlton and Ma 1949: 148 (U.S.A., Washington), by original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology: [patronym for B.J. Landis]

Latgerina Remaudière 1981: 522

Type species: *Latgerina orizabaensis* Remaudière 1981: 523 (Mexico, Veracruz), by original designation

Current status: valid

Current taxonomic position: Calaphidini Calaphidinae Aphididae

Gender: feminine

Etymology: “first collected by J.P. Latgè”

Lineomyzocallis Richards 1965: 29

Described as subgenus of *Myzocallis* Passerini 1860

Type species: *Aphis bella* Walsh 1863: 299 (U.S.A., Illinois), by original designation

Current status: valid

Current taxonomic position: subgenus of *Myzocallis* Passerini 1860, Myzocallidina
Panaphidini Calaphidinae Aphididae

Gender: masculine

Etymology: [Latin “line(aris)” ‘lined’ + Greek “-o-” + *Myzocallis*]

Lithaphis Scudder 1890: 257

Type species: *Lithaphis diruta* Scudder 1890: 258 (U.S.A., Colorado)

[=*Siphonophoroides antiqua* Buckton 1883: 176 (U.S.A., Colorado)], by monotypy

Fossil deposit: Florissant shale

Current status: junior subjective synonym of *Siphonophoroides* Buckton 1883

Gender: feminine

Etymology: [Greek “lith-” ‘stone’ + *Aphis*]

Lizerius Blanchard 1923: 120

Type species: *Lizerius ocoteae* Blanchard 1923: 121 (Argentina, Buenos Aires), by original designation

Current status: valid

Current taxonomic position: Lizeriinae Aphididae

Gender: masculine

Etymology: “in honor of my friend and colleague, Ing. Carlos Lizer”

Lizerocallis Sousa-Silva & Ilharco 2002: 135

Type species: *Lizerocallis flava* Sousa-Silva & Ilharco 2002: 137 (Brazil, S.,o Paulo), by original designation

Current status: valid

Current taxonomic position: Lizeriinae Aphididae

Gender: feminine (authors specify masculine, but see Introduction of this catalog)

Etymology:

“C. A. Lizer y Trelles was the first collector of a *Lizerius* species (Blanchard, 1939).

Callis comes from the Greek *Kallós* and means beautiful”

Longistigma Wilson 1909: 385

Type species: *Aphis caryae* Harris 1841: 190 (U.S.A., Massachussetts), by monotypy

Current status: valid

Current taxonomic position: Lachnini Lachninae Aphididae

Gender: masculine

Etymology: [Latin “long(us)” ‘long’ + Greek “stigma” ‘insect stigma’]

Loxerates Rafinesque 1818: 18

Described as subgenus of *Aphis* Linnaeus 1758

Type species: *Aphis diervillalutea* Rafinesque 1817: 360 (U.S.A.), by subsequent designation (Wilson 1910d: 28)

Current status: *nomen dubium*, description of genus-group name and its type species are valid but obscure and currently unused

Gender: feminine

Etymology: “from classical Greek ‘bent horns’”

Macrosiphum Oestlund 1886: 27

Type species: *Macrosiphum rubicola* Oestlund 1886: 27 (U.S.A., Minnesota), by monotypy

Current status: junior homonym of *Macrosiphum* Passerini 1860, another aphid. Replaced by *Oestlundia* Hille Ris Lambers 1949

Gender: neuter

Etymology: [Greek “makro-” ‘long’ + Greek “siphon” ‘cornicle’]

Masonaphis Hille Ris Lambers 1939: 122

Type species: *Macrosiphum rhododendri* Wilson 1918: 230 (U.S.A., Oregon), by original designation

Current status: valid

Current taxonomic position: subgenus of *Illinoia* Wilson 1910a, Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology: [patronym for P. W. Mason +

Aphis]

Mastopoda Oestlund 1886: 52

Type species: *Mastopoda pteridis* Oestlund 1886: 53 (U.S.A., Minnesota), by original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology: [Greek “masto-” ‘nipple’ or ‘nipple shape’ + Greek “pod-” ‘foot’ + Latin suffix “-a”, referring to tubercle on tarsus]

Megourina Hille Ris Lambers 1974: 128

Type species: *Megourina lagacei* Hille Ris Lambers 1974: 129 (U.S.A., California), by original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology: [*Megoura* + Latin suffix “-ina” ‘in relation to’]

Megouroparsus Smith and Heie 1963: 401

Type species: *Neoamphorophora tephrosiae* Smith 1948a: 384 (U.S.A., North Carolina), by original designation

Current status: junior subjective synonym of *Microparsus* Patch 1909

Gender: masculine

Etymology: [*Megoura* + *Microparsus*]

Melanaphis van der Goot 1917: 60

Type species: *Aphis bambusae* Fullaway 1910: 35 (U.S.A., Hawaii), by original designation

Current status: valid

Current taxonomic position: Rhopalosiphina Aphidini Aphidinae Aphididae

Gender: feminine

Etymology: [Greek “melano-” ‘black’ + *Aphis*]

Melanocallis Oestlund 1923: 126

Type species: *Melanocallis caryaefoliae* Oestlund 1923: 198 (U.S.A., Illinois), by original designation

Current status: valid

Current taxonomic position: Panaphidina Panaphidini Calaphidinae Aphididae

Gender: masculine

Etymology: [Greek “melano-” ‘black’ + “callis” typical ending for Calaphidinae]

Melaphis Walsh 1867: 281

Type species: *Byrsocrypta rhois* Fitch 1866: 73 (U.S.A., New York), by monotypy

Current status: valid

Current taxonomic position: Fordini Eriosomatinae Aphididae

Gender: feminine

Etymology: [Greek “mel-” ‘apple’ + *Aphis*]

Meliarhizophagus Smith 1974: 17

Type species: *Pemphigus fraxinifolii* Riley 1879: 17 (U.S.A., Missouri & Wisconsin), by original designation

Current status: valid

Current taxonomic position: subgenus of *Prociphilus* Koch 1857, Pemphigini Eriosomatinae Aphididae

Gender: masculine

Etymology: [Greek “melia” ‘ash’ or ‘*Fraxinus ornus*’ + Greek “rhizophag-” ‘feeding on roots’ + Latin suffix “-us”]

Mexicallis Remaudière 1982: 374

Type species: *Mexicallis spinifer* Remaudière 1982: 376 (Mexico, Distrito Federal), by original designation

Current status: valid

Current taxonomic position: Myzocallidina Panaphidini Calaphidinae Aphididae

Gender: masculine

Etymology: [Mexico + “callis” typical ending for Calaphidinae]

Micrella Essig 1912a: 715

Type species: *Micrella monelli* Essig 1912a: 715 (U.S.A., California), by original designation

Current status: junior homonym of *Micrella* Motschulsky 1868, a beetle; *Micrella* Bergh 1899, a mollusk; *Micrella* Punnett 1901, a proboscis worm. As *Micrella* Essig is a junior subjective synonym of *Chaitophorus* Koch 1854, a replacement name is not needed

Gender: feminine

Etymology: [Greek “mikro-” ‘small’ + Latin diminutive suffix “-ella”]

Microparsus Patch 1909: 337

Type species: *Microparsus variabilis* Patch 1909: 338 (U.S.A., Maine), by monotypy

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: masculine

Etymology: [Greek “mikro-” ‘small’ + Latin “pars” ‘piece’ or ‘portion’ + Latin suffix “-us”]

Microsiphoniella Hille Ris Lambers 1947: 186

Type species: *Chaitophorus artemisiae* Gillette 1911a: 443 (U.S.A., Colorado), by monotypy

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology: [Greek “mikro-” ‘small’ + Greek “siphon” ‘cornicle’ + Latin “-i-” + Latin diminutive suffix “-ella”]

Mindazerius Heie and Poinar 1988: 155

Type species: *Mindazerius dominicanus* Heie and Poinar 1988: 155 (Dominican Republic), by monotypy

Fossil deposit: Dominican amber

Current status: valid

Current taxonomic position: Lizeriinae Aphididae

Gender: masculine

Etymology: [*Mindarus* + *Lizerius*]

Minuticornicus Knowlton 1928b: 59

Type species: *Minuticornicus gravidis* Knowlton 1928b: 60 (U.S.A., Utah) [= *Cerosiphacypressi* Swain 1918a: 19 (U.S.A., California)], by original designation

Current status: junior subjective synonym of *Siphonatrophia* Swain 1918b

Gender: masculine

Etymology: [Latin “minutu-” ‘small’ + Latin “cornicu(lum)” ‘cornicle’]

Misturaphis Robinson 1967: 565

Type species: *Misturaphis shiloensis* Robinson 1967: 565 (Canada, Manitoba), by original designation

Current status: valid

Current taxonomic position: Aphidina Aphidini Aphidinae Aphididae

Gender: feminine

Etymology: [Latin “mistur-” ‘mixed’ + *Aphis*]

Monellia Oestlund 1887: 44

Type species:

Aphis caryella Fitch 1855: 867 (U.S.A., New York), by monotypy

Current status: valid

Current taxonomic position: Panaphidina Panaphidini Calaphidinae Aphididae

Gender: feminine

Etymology: "named for Joseph Monell"

Monelliopsis Richards 1965: 89

Type species:

Callipterus caryae Monell 1879: 31 (U.S.A., Missouri), by original designation

Current status: valid

Current taxonomic position: Panaphidina Panaphidini Calaphidinae Aphididae

Gender: masculine

Etymology: [*Monellia* + Greek "opsis" 'aspect']***Mordvilkoja*** Del Guercio 1909b: 11

Type species:

Byrsocrypta vagabundus Walsh 1863: 306 (U.S.A., Illinois), by original designation

Current status: valid

Current taxonomic position: Pemphigini Eriosomatinae Aphididae

Gender: feminine

Etymology: [patronym for A. K. Mordvilko]

Mucrotrichaphis Knowlton and Allen 1940: 31Type species: *Mucrotrichaphis toti* Knowlton and Allen 1940: 33 (U.S.A., Utah)[=*Macrosiphum zerothermus* Knowlton and Allen 1938: 83 (U.S.A., Utah)], by original designation

Current status: junior subjective synonym of

Obtusicauda Soliman 1927

Gender: feminine

Etymology: [Latin "mucro" 'sharp point' or 'edge' + Greek "trikh-" 'hair' + *Aphis*]***Myzodium*** Börner 1950: 11Described as subgenus of *Myzodes* Mordvilko 1914. Unavailable in 1949 (Börner in Janetschek 1949: 53)Type species: *Myzodes (Myzodium) rabeleri* Börner 1950: 11 (Europe) [= *Carolinaia modesta* Hottes 1926: 117 (U.S.A., Minnesota)], by original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: neuter

Etymology: [*Myzus* + Greek "od-" 'with aspect of' + Latin suffix "-ium"]***Nearctaphis*** Shaposhnikov 1950: 223Type species: *Aphis bakeri* Cowen in Gillette and Baker 1895: 118 (U.S.A., Colorado), by original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology: [Nearctic + *Aphis*]

Neoamphorophora Mason 1924: 49

Type species: *Neoamphorophora kalmiae* Mason 1924: 49 (U.S.A., Maine), by original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology: [Greek “neo-” ‘new’ + *Amphorophora*]

Neochmosis Laing in Theobald 1929: 129

Replacement name for *Panimerus* Laing 1926

Type species: *Lachniella gracilis* Wilson 1919a: 20 (U.S.A., District of Columbia), by original designation

Current status: junior subjective synonym of

Cinara Curtis 1835

Gender: masculine

Etymology: [Greek “neochmo-” ‘to make new’ + Greek “-sis” ‘the act of’]

Neocorylobium MacGillivray 1968: 341

Type species: *Macrosiphum carpinicolens* Patch 1919: 209 (U.S.A., Maine), by original designation

Current status: valid

Current taxonomic position: subgenus of *Macrosiphum* Passerini 1860, Macrosiphini Aphidinae Aphididae

Gender: neuter

Etymology: [Greek “neo-” ‘new’ + *Corylobium*]

Neolizerius Blanchard 1939: 873

Type species: *Neolizerius tuberculatus* Blanchard 1939: 874 (Argentina, Entre Ríos & Misiones), by original designation

Current status: junior subjective synonym of *Lizerius* Blanchard 1923

Gender: masculine

Etymology: [Greek “neo-” ‘new’ + *Lizerius*]

Neomyzocallis Richards 1965: 29

Described as subgenus of *Myzocallis* Passerini 1860

Type species: *Callipterus punctata* Monell 1879: 30 (U.S.A., Missouri), by original designation

Current status: valid

Current taxonomic position: subgenus of *Myzocallis* Passerini 1860, Myzocallidina Panaphidini Calaphidinae Aphididae

Gender: masculine

Etymology: [Greek “neo-” ‘new’ + *Myzocallis*]

Neoparacletus Strom 1942: 332

Type species: *Neoparacletus caricis* Strom 1942: 332 (U.S.A., Wisconsin) [= *Pemphigus corrugatans* Serrine 1893: 130 (U.S.A., Iowa)], by original designation

Current status: valid

Current taxonomic position: Pemphigini Eriosomatinae Aphididae

Gender: masculine

Etymology: [Greek “neo-” ‘new’ + *Paracletus*]

Neoprociophilus Patch 1912: 174

Type species: *Pemphigus attenuatus* Osborn and Serrine 1893: 100 (U.S.A., Iowa)
[=*Pemphigus aceris* Monell 1882: 16 (U.S.A., Illinois)], by original designation

Current status: valid

Current taxonomic position: Pemphigini Eriosomatinae Aphididae

Gender: masculine

Etymology: [Greek “neo-” ‘new’ + *Prociophilus*]

Neosensoriaphis Quednau 1990: 907

Type species:

Neosensoriaphis parva Quednau 1990: 908 (Chile, Araucanía), by original designation

Current status: valid

Current taxonomic position: Spicaphidinae Aphididae

Gender: feminine

Etymology: [Greek “neo-” ‘new’ + *Sensoriaphis*]

Neosymyobius A.C. Baker 1920: 32

Type species: *Symyobius albasiphus* Davis 1914: 226 (U.S.A., Illinois), by original designation

Current status: valid

Current taxonomic position: Myzocallidina Panaphidini Calaphidinae Aphididae

Gender: masculine

Etymology: [Greek “neo-” ‘new’ + *Symyobius*]

Neothomasia A.C. Baker 1920: 35

Replacement name for *Thomasia* Wilson 1910b

Type species: *Chaitophorus populicola* Thomas 1878: 10 (U.S.A., Illinois & Iowa), by original designation

Current status: junior subjective synonym of *Chaitophorus* Koch 1854

Gender: feminine

Etymology: [Greek “neo-” ‘new’ + *Thomasia*]

Neotoxoptera Theobald 1915: 131

Type species: *Neotoxoptera violae* Theobald 1915: 131 (South Africa) [= *Micromyzus oliveri* Essig 1935: 160 (U.S.A., California)], by monotypy

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology: [Greek “neo-” ‘new’ + *Toxoptera*]

Neuquenaphis Blanchard 1939: 880

Type species: *Myzocallis edwardsi* Laing 1927: 23 (Argentina, Río Negro), by original designation

Current status: valid

Current taxonomic position: Spicaphidinae Aphididae

Gender: feminine

Etymology: [the federal territory (today a province) of Argentina, Neuquén + *Aphis*]

Nevadaphis Drews 1941: 60

Type species: *Nevadaphis sampsoni* Drews 1941: 60 (U.S.A., Nevada), by original designation

Current status: valid

Current taxonomic position: Aphidina Aphidini Aphidinae Aphididae

Gender: feminine

Etymology: [U.S. state of Nevada + *Aphis*]

Nietonafriella Ortego 1998: 392

Type species: *Nietonafriella euclypeata* Ortego 1998: 393 (Argentina, Mendoza), by original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology: “for Juan M. Nieto Nafría”

Obtusicauda Soliman 1927: 98

Type species: *Obtusicauda essigi* Soliman 1927: 99 (U.S.A., California) [= *Nectarophora coweni* Hunter 1901: 114 (U.S.A., Colorado)], by original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology: [Latin “obtusus” ‘blunt’ + “cauda” ‘tail’]

Oestlundia Hille Ris Lambers 1949: 225

Replacement name for *Macrosiphum* Oestlund 1886

Type species: *Macrosiphum rubicola* Oestlund 1886: 27 (U.S.A., Minnesota), by original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology: [patronym for O. W. Oestlund]

Oestlundiella Granovsky 1930: 63

Type species: *Euceraphis flava* Davidson 1912: 406 (U.S.A., California), by original designation

Current status: valid

Current taxonomic position: Calaphidini Calaphidinae Aphididae

Gender: feminine

Etymology: “named for O. W. Oestlund”

Oryctaphis Scudder 1890: 266

Type species: *Oryctaphis lesueurii* Scudder 1890: 267 (U.S.A., Colorado) [= *Archilachnus pennatus* Buckton 1883: 177 (U.S.A., Colorado)], by subsequent designation (Heie 1967: 205)

Fossil deposit: Florissant shale

Current status: junior subjective synonym of *Siphonophoroides* Buckton 1883

Gender: feminine

Etymology: [Greek “orykt-” ‘dug out’ + *Aphis*]

Pacificallis Richards 1965: 66

Described as subgenus of *Tuberculatus* Mordvilko 1894

Type species: *Tuberculatus (Pacificallis) columbiae* Richards 1965: 66 (Canada, British Columbia), by original designation

Current status: valid

Current taxonomic position: subgenus of *Tuberculatus* Mordvilko 1894, Myzocallidina Panaphidini Calaphidinae Aphididae

Gender: masculine

Etymology: [Pacific (Coast of British Columbia, Canada) + “callis” typical ending for Calaphidinae]

Paducia Hottes and Frison 1931: 167

Type species: *Melanoxantherium antennatum* Patch 1913: 87 (U.S.A., Maine), by original designation

Current status: valid

Current taxonomic position: Pterocommatinae Aphididae

Gender: feminine

Etymology: [Native American Illinois-Miami “patoohka” ‘Comanche’ (a Native American people) or ‘slave’, as the Comanche in the Illinois area were often seen]

Panimerus Laing 1926: 323

Replacement name for *Dilachnus* A.C. Baker 1919b

Type species: *Lachniella gracilis* Wilson 1919a: 20 (U.S.A., District of Columbia), by original designation

Current status: junior homonym of *Panimerus* Eaton 1913, a fly. Replaced by *Neochmosis* Laing in Theobald 1929

Gender: masculine

Etymology: [Greek “panimer(os)” ‘all desire’ or ‘burning with desire’ + Latin suffix “-us”]

Papulaphis Roberts 1966: 1256

Type species: *Macrosiphum sleesmani* Pepper 1950: 6 (U.S.A., Pennsylvania), by original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology: [Latin “papula” ‘pustule’ or ‘pimple’ + *Aphis*, referring to] “peculiar, small, very papillate secondary sensoria”

Paracolopha Hille Ris Lambers 1966: 600

Type species: *Dryopeia morrisoni* A.C. Baker 1919c: 105 (U.S.A., Maryland), by original designation

Current status: valid

Current taxonomic position: Eriosomatini Eriosomatinae Aphididae

Gender: neuter

Etymology: [Greek “pará” ‘beside’ + *Colopha*]

Paralizerius Quednau 1974: 48

Described as subgenus of *Lizerius* Blanchard 1923

Type species: *Lizerius (Paralizerius) cermelii* Quednau 1974: 51 (Brazil, Paraná), by original designation

Current status: valid

Current taxonomic position: subgenus of *Lizerius* Blanchard 1923, *Lizeriinae* Aphididae

Gender: masculine

Etymology: [Greek “pará” ‘beside’ + *Lizerius*]

Paramyzocallis Quednau and Remaudière 1994: 315

Described as subgenus of

Myzocallis Passerini 1860

Type species: *Myzocallis tenochca* Remaudière and Quednau 1985: 118 (Mexico, Mexico), by original designation

Current status: valid

Current taxonomic position: subgenus of *Myzocallis* Passerini 1860, Myzocallidina
Panaphidini Calaphidinae Aphididae

Gender: masculine

Etymology: [Greek “pará” ‘beside’ + *Myzocallis*]

Paratoxoptera Blanchard 1944: 19

Type species: *Aphis argentinensis* Blanchard in Costa 1941: 491 [described as variety *argentinensis* (sic.) of *Aphis tavaresi* del Guercio 1908] (Argentina, Misiones and Corrientes per Blanchard 1944: 22) [= *Myzus citricidus* Kirkaldy 1907: 100 (U.S.A., Hawaii)], by original designation

Current status: junior subjective synonym of *Toxoptera* Koch 1856

Gender: feminine

Etymology: [Greek “pará” ‘beside’ + *Toxoptera*]

Patchia A.C. Baker 1920: 34

Type species: *Patchia virginiana* A.C. Baker 1920: 34 (U.S.A., Virginia), by original designation

Current status: valid

Current taxonomic position: Myzocallidina Panaphidini Calaphidinae Aphididae

Gender: feminine

Etymology: [patronym for E. M. Patch]

Pehuenchaphis Mier Durante, Nieto Nafría, & Ortego 2003: 202

Type species: *Pehuenchaphis agilissima* Mier Durante, Nieto Nafría, & Ortego 2003: 203 (Argentina, Mendoza), by original designation

Current status: valid

Current taxonomic position: Aphidina Aphidini Aphidinae Aphididae

Gender: feminine

Etymology: “from “Pehuénche” (the region along the southern part of Mendoza Province and northern of Neuquén Province, Argentina), and “aphis”, the scientific name of the most characteristic genus of the family”

Peltaphis Frison and Ross 1933: 152

Described as subgenus of *Thripsaphis* Gillette 1917

Type species: *Thripsaphis (Peltaphis) hottesi* Frison and Ross 1933: 152 (U.S.A., Illinois), by original designation

Current status: valid

Current taxonomic position: Saltusaphidinae Aphididae

Gender: feminine

Etymology: [Greek “pelta” ‘small light shield’ + *Aphis*]

Pemphiglachnus Knowlton 1928a: 264

Type species: *Pemphiglachnus kaibabensis* Knowlton 1928a: 264 (U.S.A., Arizona)

[= *Asiphum sacculi* Gillette 1914: 65 (U.S.A., Colorado)], by original designation

Current status: junior subjective synonym of *Pachypappa* Koch 1856

Gender: masculine

Etymology: [*Pemphigus* + *Lachnus*]

Pentamyzus Hille Ris Lambers 1966: 601

Type species: *Pentamyzus graminis* Hille Ris Lambers 1966: 601 (U.S.A., California), by original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: masculine

Etymology: [Greek “penta-” ‘five’ + *Myzus*, referring to five antennal segments]

Phymatosiphum Davis 1909: 196

Type species: Smith and Parron (1978) list *Phymatosiphum monelli* Davis 1909: 197 as the type species by monotypy, but Davis (1909) also transfers *Siphonophora acerifoliae* Thomas 1878 to the newly erected genus leaving the type species unspecified. We here designate *Siphonophora acerifoliae* Thomas 1878: 4 (U.S.A., Iowa) as the type species

Current status: junior objective synonym of *Drepanaphis* Del Guercio 1909c

Gender: neuter

Etymology: [Greek “phymato-” ‘tumor’ or ‘tubercle’ + Greek “siphon” ‘cornicle’ + Latin suffix “-um”]

Picturaphis Blanchard 1922: 44

Type species: *Picturaphis vignaphilus* Blanchard 1922: 44 (Argentina, Buenos Aires), by original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology: [Latin “pictur(ata)” ‘painted’ + *Aphis*]

Placoaphis Richards 1961: 624

Type species: *Placoaphis siphunculata* Richards 1961: 624 (Canada, British Columbia), by original designation

Current status: junior subjective synonym of *Ericaphis* Börner 1939

Gender: feminine

Etymology: [Greek “plako-” ‘plate’ + *Aphis*, referring to large sclerotic patch]

Plocamaphis Oestlund 1923: 122

Type species: *Melanoxanthus flocculosus* Weed 1891: 291 (U.S.A., Ohio), by original designation

Current status: valid

Current taxonomic position: Pterocommatinae Aphididae

Gender: feminine

Etymology: [Greek “plokam-” ‘lock of hair’ + *Aphis*, referring to flocculence]

Protopterocallis Richards 1965: 69

Type species: *Protopterocallis canadensis* Richards 1965: 69 (Canada, Quebec), by original designation

Current status: valid

Current taxonomic position: Panaphidina Panaphidini Calaphidinae Aphididae

Gender: masculine

Etymology: [Greek “proto-” ‘first’ + *Pterocallis*]

Pseudambria Richards 1966a: 758

Type species: *Pseudambria longirostris* Richards 1966a: 758 (Canada, Manitoba), by original designation

Fossil deposit: Canadian amber

Current status: valid

Current taxonomic position: Canadaphididae

Gender: feminine

Etymology: [Greek “pseud-” ‘untrue’ + *Alloambria*]

Pseudasiphonaphis Robinson 1965: 1009

Type species: *Asiphonaphis anogis* Hottes and Frison 1931: 225 (U.S.A., Illinois)
 [=*Pergandeida corni* Tissot 1929: 2 (U.S.A., Florida)], by original designation
 Current status: valid

Current taxonomic position: Rhopalosiphina Aphidini Aphidinae Aphididae

Gender: feminine

Etymology: [Greek “pseud-” ‘untrue’ + *Asiphonaphis* (but with cornicles)]

Pseudocercidis Richards 1961: 622

Type species: *Pseudocercidis rosae* Richards 1961: 623 (Canada, Manitoba), by original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: masculine

Etymology: [Greek “pseud-” ‘untrue’ + Greek “kerkid-” ‘shuttle’ or ‘rod’]

Pseudoepameibaphis Gillette and Palmer 1932a: 145

Type species: *Pseudoepameibaphis glauca* Gillette and Palmer 1932a: 145 (U.S.A., Colorado), by monotypy

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology: [Greek “pseud-” ‘untrue’ + *Epameibaphis*]

Pseudopterocomma MacGillivray 1963: 941

Described as subgenus of *Fullawayia* Essig 1912a

Type species: *Fullawayia (Pseudopterocomma) hughii* MacGillivray 1963: 941 (Canada, New Brunswick), by monotypy

Current status: valid

Current taxonomic position: Chaitophorini Chaitophorinae Aphididae

Gender: neuter

Etymology: [Greek “pseud-” ‘untrue’ + *Pterocomma*]

Pterostigma Buckton 1883: 178

Type species: *Pterostigma recurvum* Buckton 1883: 178 (U.S.A., Colorado), by monotypy

Fossil deposit: Florissant shale

Current status: junior subjective synonym of *Mindarus* Koch 1857

Gender: Neuter

Etymology: [Greek “ptero-” ‘wing’ + Greek “stigma” ‘stigma’]

Pulvius Sanborn 1906: 225

Type species: *Pulvius probosceus* Sanborn 1904: 14 (U.S.A., Kansas), by monotypy

Current status: valid

Current taxonomic position: subgenus of *Prociphilus* Koch 1857, Pemphigini Eriosomatinae Aphididae

Gender: masculine

Etymology: [Latin “pulvi” ‘powder’ + Latin suffix “-us”]

Quippelachnus Oestlund 1923: 134

Type species: *Euceraphis gillettei* Davidson 1915: 421 (U.S.A., California & Colorado), by original designation

Current status: junior subjective synonym of *Euceraphis* Walker 1870

Gender: masculine

Etymology: [Latin “quipped” ‘surely’ + *Lachnus*]

Rhodobium Hille Ris Lambers 1947: 300

Type species: *Macrosiphum rosaefolium* Theobald 1915: 109 (Egypt) [= *Myzus porosus* Sanderson 1900: 205 (U.S.A., Delaware)], by original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: neuter

Etymology: [Greek “rhodo-” ‘rose’ + Greek “bi-” ‘life’ + Latin suffix “-um”]

Rhopalomyzus Mordvilko 1921: 45

Described as subgenus of *Myzus* Passerini 1860

Type species: *Rhopalosiphum poae* Gillette 1908: 61 (U.S.A., Colorado), by monotypy

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: masculine

Etymology: [*Rhopalosiphum* + *Myzus*]

Rhopalosiphoninus A.C. Baker 1920: 58

Type species: *Amphorophora latysiphon* Davidson 1912: 408 (U.S.A., California), by original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: masculine

Etymology: [*Rhopalosiphum* + Latin suffix “-inus” ‘in relation to’]

Sanbornia A.C. Baker 1920: 50

Type species: *Sanbornia juniperi* Pergande in A.C. Baker 1920: 50 (U.S.A., Texas), by original designation

Current status: valid

Current taxonomic position: Aphidina Aphidini Aphidinae Aphididae

Gender: masculine

Etymology: [patronym for C. E. Sanborn]

Sarucallis Shinji 1922: 730

Type species: *Sarucallis lythrae* Shinji 1922: 730 (Japan) [= *Myzocallis kahawaluokalani* Kirkaldy 1907: 101 (U.S.A., Hawaii)], by monotypy

Current status: valid

Current taxonomic position: Panaphidina Panaphidini Calaphidinae Aphididae

Gender: masculine

Etymology: [Japanese “saru” ‘to go away’ or ‘monkey’ + “callis” typical ending for Calaphidinae]

Satula Olive 1963: 556

Type species: *Satula brachychaeta* Olive 1963: 557 (U.S.A., North Carolina), by original designation

Current status: valid

Current taxonomic position: subgenus of *Uroleucon* Mordvilko 1914, Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology: [Satulah Mountain in U.S. state of North Carolina]

Sbenaphis Scudder 1890: 250

Type species:

Lachnus quesneli Scudder 1878b: 461 (Canada, British Columbia), by subsequent designation (Heie 1967: 205)

Fossil deposit: Quesnel shale

Current status: valid

Current taxonomic position: Myzocallidina Panaphidini Calaphidinae Aphididae

Gender: feminine

Etymology: [Greek “sben-” ‘to quench’ or ‘to become extinct’ + *Aphis*]

Schizoneurata Hille Ris Lambers 1973: 295

Type species: *Schizoneurata tissoti* Hille Ris Lambers 1973: 296 (U.S.A., Florida), by original designation

Current status: valid

Current taxonomic position: Eriosomatini Eriosomatinae Aphididae

Gender: feminine

Etymology: [*Schizoneura* + Latin suffix “-ata” ‘in relation to’]

Schizoneuroides Buckton 1883: 178

Type species:

Schizoneuroides scudderi Buckton 1883: 178 (U.S.A., Colorado), by monotypy

Fossil deposit: Florissant shale

Current status: junior subjective synonym of *Mindarus* Koch 1857

Gender: masculine

Etymology: [*Schizoneura* + Greek “-ooides” ‘similar to’]

Shenahweum Hottes and Frison 1931: 267

Type species: *Drepanaphis minutus* Davis 1910: 195 (U.S.A., Illinois), by original designation

Current status: valid

Current taxonomic position: Drepanosiphinae Aphididae

Gender: neuter

Etymology: [Native American Ojibwe “zhinawe” ‘it rattles’ or ‘rattle snake’ + Latin suffix “-um”]

Siphonatrophia Swain 1918b: 363

Type species: *Cerosipha cupressi* Swain 1918a: 19 (U.S.A., California), by original designation

Current status: valid

Current taxonomic position: Aphidina Aphidini Aphidinae Aphididae

Gender: feminine

Etymology: [Greek “siphon” ‘cornicle’ + Greek “atrophia” ‘atrophy’]

Siphonocallis Del Guercio 1913c: 293

Type species: *Aphis betulaecolens* Fitch 1851: 66 (U.S.A., New York), by original designation

Current status: junior subjective synonym of *Calaphis* Walsh 1863

Gender: masculine

Etymology: [*Macrosiphon* + *Callipterus*]

Siphonophoroides Buckton 1883: 176

Type species: *Siphonophoroides antiqua* Buckton 1883: 176 (U.S.A., Colorado), by subsequent designation (Heie 1967: 205)

Fossil deposit: Florissant shale

Current status: valid

Current taxonomic position: Drepanosiphinae Aphididae

Gender: feminine

Etymology: [*Siphonophora* + Greek "ooides" 'similar to']

Sitomyzus Hille Ris Lambers 1952: 9

Type species: *Sitomyzus vabei* Hille Ris Lambers 1952: 9 (Greenland), by monotypy

Current status: junior subjective synonym of *Utamphorophora* Knowlton 1946

Gender: masculine

Etymology: [*Sitobium* + *Myzus*]

Sorbobium MacGillivray and Bradley 1961: 1000

Described as subgenus of *Toxopterella* Hille Ris Lambers 1960a

Type species: *Toxopterella (Sorbobium) drepanosiphoides* MacGillivray and Bradley 1961: 1000 (Canada, New Brunswick), by monotypy

Current status: junior subjective synonym of

Muscaphis Börner 1933

Gender: neuter

Etymology: [*Sorbus* + Greek "bi-" 'life' + Latin suffix "-um"]

Spicaphis Essig 1953: 69

Type species: *Spicaphis michelbacheri* Essig 1953: 69 (Chile, Los Lagos)

[=*Neuquenaphis chilensis* Essig 1953: 67 (Chile, Los Lagos)], by original designation

Current status: valid

Current taxonomic position: subgenus of *Neuquenaphis* Blanchard 1939, Spicaphidinae Aphididae

Gender: feminine

Etymology: [Latin "spica" 'point' + *Aphis*]

Stegophylla Oestlund 1923: 146

Type species: *Phyllaphis quercicola* A.C. Baker 1916: 362 (U.S.A., Virginia) [= *Eriosoma querci* Fitch 1859: 804 (U.S.A., New York)], by original designation

Current status: valid

Current taxonomic position: Phyllaphidinae Aphididae

Gender: feminine

Etymology: [Greek "stego" 'roof' + Greek "phyl-" 'leaf' + Latin suffix "-a"]

Stenaphis Quednau 1954: 40

Type species: *Saltusaphis elongata* A.C. Baker 1917: 4 (U.S.A., New Jersey), by original designation

Current status: junior homonym of *Stenaphis* Del Guercio 1913b, another aphid.

Replaced by *Srenaphis* Quednau *nomen novum*

Gender: feminine

Etymology: [Greek "steno-" 'narrow' + *Aphis*]

Strenaphis* Quednau *nomen novum

Replacement name for *Stenaphis* Quednau 1954

Type species: *Saltusaphis elongata* A.C. Baker 1917: 4 (U.S.A., New Jersey)

Current status: *nomen novum*, valid

Current taxonomic position: Saltusaphidinae Aphididae

Gender: feminine

Etymology: Latin “stren(uus)” ‘active’ or ‘vigorous’ + *Aphis*, in reference to the saltatorial forelimbs

***Styletaphis* Knowlton 1957: 6**

Current status: *nomen nudum*, **unavailable**

***Subiziphya* Quednau 1990: 911**

Type species: *Subiziphya clauseni* Quednau 1990: 912 (U.S.A., Montana), by original designation

Current status: valid

Current taxonomic position: Saltusaphidinae Aphididae

Gender: feminine

Etymology: [Latin “sub” ‘under’ or ‘below’ + *Iziphya*]

***Sychnobrochus* Scudder 1890: 268**

Type species: *Sychnobrochus reviviscens* Scudder 1890: 268 (U.S.A., Colorado)

[=*Schizoneuroides scudderi* Buckton 1883: 178 (U.S.A., Colorado)], by monotypy

Fossil deposit: Florissant shale

Current status: junior subjective synonym of *Mindarus* Koch 1857

Gender: masculine

Etymology: [Greek “sykhno-” ‘many’ + Greek “brokh-” ‘loop’ + Latin suffix “-us”]

***Takecallis* Matsumura 1917: 373**

Type species: *Takecallis bambusae* Matsumura 1917: 373 (Japan) [= *Callipterus arundicolens* Clarke 1903: 249 (U.S.A., California)], by original designation

Current status: valid

Current taxonomic position: Panaphidina Panaphidini Calaphidinae Aphididae

Gender: masculine

Etymology: [Japanese “take-higenaga-buchi-abura” the aphid’s name + “callis” typical ending for Calaphidinae]

***Tamalia* A.C. Baker 1920: 24**

Type species: *Pemphigus coweni* Cockerell 1905: 392 (U.S.A., Colorado), by original designation

Current status: valid

Current taxonomic position: Tamaliinae Aphididae

Gender: masculine

Etymology: [Spanish (from Native American Nahuatl) “tamal” ‘tamale’, referring to shape of gall]

***Tephraphis* Scudder 1890: 258**

Type species: *Siphonophorooides simplex* Buckton 1883: 176 (U.S.A., Colorado), by subsequent designation (Heie 1967: 205)

Fossil deposit: Florissant shale

Current status: junior subjective synonym of

Siphonophorooides Buckton 1883

Gender: feminine

Etymology: [Greek “tephr-” ‘ash colored’ + *Aphis*]

Thargelia Oestlund 1923: 127

Type species: *Aphis albipes* Oestlund 1887: 52 (U.S.A., Minnesota) [= *Aphis symphoricarpi* Thomas 1877: 12 (U.S.A., Iowa)], by original designation

Current status: junior homonym of *Thargelia* Puengelev 1899, a lepidopteran; *Thargelia* Goodman & Salvin 1900, a lepidopteran. Replaced by *Aphthargelia* Hottes 1958

Gender: feminine

Etymology: [Greek “Thargelia” name of festival in honor of Apollo and Artemis]

Thomasia Wilson 1910b: 386

Type species:

Chaitophorus populicola Thomas 1878: 10 (U.S.A., Illinois & Iowa), by original designation

Current status: junior homonym of *Thomasia* Poche 1908, a fossil haramiyid mammal;

Thomasia Rübasaamen 1910, a fly. Replaced by *Neothomasia* A.C. Baker 1920

Gender: feminine

Etymology: [patronym for C. Thomas]

Thripsaphis Gillette 1917: 193

Type species: *Brachycolus ballii* Gillette 1908: 67 (U.S.A., Colorado), by original designation

Current status: valid

Current taxonomic position: Saltusaphidinae Aphididae

Gender: feminine

Etymology: [*Thrips* + *Aphis*, referring to body shape]

Thuleaphis Hille Ris Lambers 1960b: 7

Type species: *Thuleaphis acaudata* Hille Ris Lambers 1960b: 7 (Greenland), by monotypy

Current status: junior subjective synonym of *Mordvilkomemor* Shaposhnikov 1950

Gender: feminine

Etymology: [“Thule” northernmost part of the world in classical European geography + *Aphis*]

Tiliphagus Smith 1965: 782

Type species: *Tiliphagus lycoposugus* Smith 1965: 783 (U.S.A., North Carolina), by monotypy

Current status: valid

Current taxonomic position: Pemphigini Eriosomatinae Aphididae

Gender: masculine

Etymology: [*Tilia* + Greek “phag-” ‘to eat’ + Latin Suffix “-us”]

Toltecallis Remaudière and Quednau 1983: 637

Described as subgenus of *Tuberculatus* Mordvilko 1894

Type species: *Tuberculatus (Toltecallis) mexicanus* Remaudière and Quednau 1983: 639 (Mexico, Distrito Federal), by original designation

Current status: valid

Current taxonomic position: subgenus of *Tuberculatus* Mordvilko 1894, Myzocallidina Panaphidini Calaphidinae Aphididae

Gender: masculine

Etymology: [“Toltec” (native people-group of Mexico) + “callis” typical ending for Calaphidinae]

Toxares Williams 1891: 26

Current status: *nomen nudum*, **unavailable**

Toxoptera Hille Ris Lambers 1960a: 263

Type species: *Toxoptera canadensis* Hille Ris Lambers 1960a: 263 (Canada, New Brunswick), by original designation

Current status: junior subjective synonym of *Muscaphis* Börner 1933

Gender: feminine

Etymology: [*Toxoptera* + Latin diminutive suffix “-ella”]

Trifidaphis Del Guercio 1909a: 332

Type species: *Pemphigus radicialis* Essig 1909: 8 (U.S.A., California), by monotypy

Current status: junior subjective synonym of *Smynthuroides* Westwood 1849

Gender: feminine

Etymology: [Latin “trifid(us)” ‘threeforked’ + *Aphis*]

Tritogenaphis Oestlund 1923: 142

Type species: *Aphis rudbeckiae* Fitch 1851: 406 (U.S.A., New York), by original designation

Current status: junior subjective synonym of *Uroleucon* Mordvilko 1914

Gender: feminine

Etymology: [Greek “tritogen-” ‘third child’ + *Aphis*]

Unilachnus Wilson 1919b: 5

Type species: *Lachnus parvus* Wilson 1915: 104 (U.S.A., District of Columbia), by original designation

Current status: junior subjective synonym of *Schizolachnus* Mordvilko 1908

Gender: masculine

Etymology: [Latin “unu(s)” ‘one’ + *Lachnus*]

Utamphorophora Knowlton 1946: 1

Type species: *Utamphorophora timpanogos* Knowlton 1946: 1 (U.S.A., Utah) [= *Myzus humboldtii* Essig 1941: 182 (U.S.A., California)], by original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology: [U.S. state of Utah + *Amphorophora*]

Vesiculaphis Del Guercio 1911: 463

Type species: *Toxoptera caricis* Fullaway 1910: 32 (U.S.A., Hawaii), by original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology: [Latin “vesicul” ‘little bladder’ or ‘blister’ + *Aphis*]

Wahlgreniella Hille Ris Lambers 1949: 246

Type species: *Rhopalosiphum arbuti* Davidson 1910: 378 (U.S.A., California), by original designation

Current status: valid

Current taxonomic position: Macrosiphini Aphidinae Aphididae

Gender: feminine

Etymology: [patronym for E. Wahlgren]

Wapuna Hottes and Wehrle 1951: 47

Described as subgenus of *Aphis* Linnaeus 1758

Type species: *Aphis (Wapuna) tahosalea* Hottes and Wehrle 1951: 47 (U.S.A., Arizona),
by original designation

Current status: junior subjective synonym of *Aphis* Linnaeus 1758

Gender: feminine

Etymology: [Native American Potawatomie “wapuna” ‘dawn’]

Wilsonia A.C. Baker 1919a: 212

Type species:

Lachniella gracilis Wilson 1919a: 20 (U.S.A., District of Columbia), by original
designation

Current status: junior homonym of *Wilsonia* Bonaparte 1838, a bird; *Wilsonia* Clemens
1864, a lepidopteran; *Wilsonia* Kayser 1871, a brachiopod; *Wilsonia* Carter 1885, a
sponge; *Wilsonia* Hudleston 1896, a mollusc. Replaced by *Dilachnus* A.C. Baker
1919b

Gender: feminine

Etymology: [patronym for H. F. Wilson]

Xenopterygus Smith 1948b: 24

Type species: *Xenopterygus ipomoiae* Smith 1948b: 24 (U.S.A., Florida) [= *Geoica*
floccosa Moreira 1925: 31 (Brazil)], by original designation

Current status: junior subjective synonym of *Geopemphigus* Hille Ris Lambers 1933

Gender: masculine

Etymology: [Greek “xeno” ‘foreign’ or ‘unusual’ + Greek “pteryg-” ‘winged creature’ +
Latin suffix “-us”, referring to unusual wing veins]

Zabapaphis Richards 1971: 93

Current status: *nomen nudum*, **unavailable**. Name resulted from lapsus in legend to
figures 119 and 120, meant to be *Peltaphis* Frison & Ross 1933

Zyxaphis Knowlton 1947: 35

Type species: *Zyxaphis utahensis* Knowlton 1947: 35 (U.S.A., Utah), by original
designation

Current status: valid

Current taxonomic position: subgenus of *Aphis* Linnaeus 1758, Aphidina Aphidini
Aphidinae Aphididae

Gender: feminine

Etymology: [Z, Y, X, the last letters of the alphabet + *Aphis*, the last aphid]

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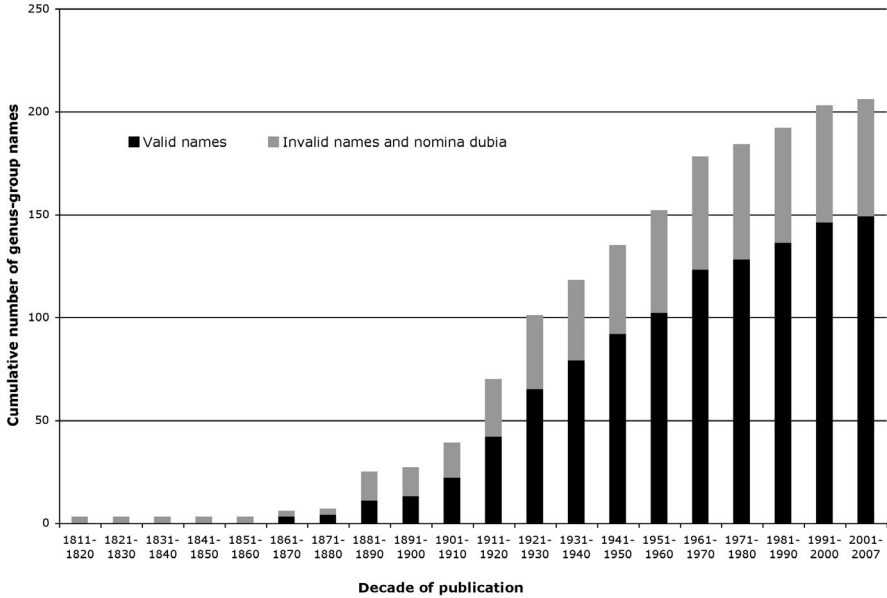


Figure 1. Cumulative number of available genus-group names.

Table 1. List of the most prolific authors.

Senior author	Valid names	Invalid names	Total
Baker, A.C.	5	3	8
Del Guercio	4	3	7
Essig	5	4	9
Gillette	7	0	7
Hille Ris Lambers	12	4	16
Hottes	7	1	8
Knowlton	5	3	8
Oestlund	11	4	15
Quednau	7	2	9
Richards	12	2	14
Scudder	3	7	10
Smith	3	3	6
Wilson	5	3	8