

**A REVIEW OF THE FAMILY-GROUP NAMES FOR THE SUPERFAMILY
SCARABAEOIDEA (COLEOPTERA) WITH CORRECTIONS TO NOMENCLATURE AND
A CURRENT CLASSIFICATION**

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Abstract

For the first time, all family-group names in the superfamily Scarabaeoidea (Coleoptera) are evaluated using the International Code of Zoological Nomenclature to determine their availability and validity. A total of 383 family-group names were found to be available, and all are reviewed to scrutinize the correct spelling, author, date, nomenclatural availability and validity, and current classification status. Numerous corrections are given to various errors that are commonly perpetuated in the literature. A reversal of precedence is used to preserve the prevailing usage of the following family-group names: Eupariini Schmidt, 1910 (over Ataeniini Harold, 1868); Pachydemini Burmeister, 1855 (over Elaphocerini Blanchard, 1851); Heterosternina Bates, 1888 (over Macropnina Horn, 1866); and Anomalina Streubel, 1839 (over Euchlorina Hope, 1839).

Houston, we've had a problem here
—Apollo 13 Astronaut Jack Swigert
13 April 1970

Trust No One
—X-Files mantra

Recently, there has been an effort to investigate and modernize the family-group names for many taxa. Within Coleoptera, family-group names have been evaluated and listed for Geodephaga (Madge 1989), Staphyliniformia (Newton and Thayer 1992), Cucujoidea (Pakaluk *et al.* 1994), Tenebrionidae (Bouchard *et al.* 2005), and Curculionioidea (Alonso-Zarazaga and Lyal 1999). Lawrence and Newton (1995) also summarized all of the family and subfamilies of Coleoptera recognized in their classification. Until now, there has never been a serious effort to evaluate all the Scarabaeoidea family-group names using the International Code of Zoological Nomenclature (hereafter called the ICZN) (International Commission on Zoological Nomenclature 1999). Consequently, the state of affairs has been a disastrous mess! In this paper, all family-group names in the superfamily Scarabaeoidea that are available under the ICZN are listed with their current status (valid or invalid), original spelling, and type genus. Unavailable family-group names (*nomina nuda*, etc.) are not extensively reviewed in this paper, but some of the notable and/or better-known examples are briefly discussed.

Usage of family-group names in Scarabaeoidea follows the conventions of most other Coleoptera with taxa recognized at the levels of superfamily, family, subfamily, tribe, and subtribe. A total of 383 family-group names have been established for Scarabaeoidea in a code-compliant manner. In this paper, 12 families, 43 subfamilies, 118 tribes, and 94 subtribes are recognized as valid.

The purpose of this paper is to review the nomenclatural status and classification of all Scarabaeoidea family-group names. All names found were evaluated using the ICZN to determine if they were available for use. The ICZN was also used to determine the correct spelling, author, and date of all names. Then the current literature was consulted to determine and extrapolate what names were valid, what rank they should be classified at, and synonymy with other taxa. All of this information is summarized in the catalog below.

During the course of my research on Scarabaeoidea family-group names it was obvious that many family-group name nomenclatural acts lay hidden in old and sometimes obscure publications. I fully expect that a few additions and corrections will need to be made as more of these nomenclatural acts are rediscovered.

Family-Group Names and the ICZN

There is a specific set of rules in place for the validation of family-group names under the ICZN. For new names (published from 2000 to the present), the basic criteria for publication and derivation of the name must be met. Family-group names must be based on a valid genus within that family-group taxon, they must be explicitly indicated as intentionally new, and the type genus must be explicitly stated. The name must be formed using a stem based on the type genus (for example Lucan- for *Lucanus*) and a suffix for the appropriate family-group rank (-oidea for a superfamily, -idae for a family, -inae for a subfamily, -ini for a tribe, and -ina for a subtribe). Generally, the stem of a family-group name is formed by deleting the case ending of the appropriate genitive singular of a Greek, Latin, or Latinized genus-group name (for example: Scarabae- for *Scarabaeus*, Belohin- for *Belohina*, Aegiali- for *Aegialia*, etc.). However, this is not always straightforward (for example: Trog- for *Trox*, Heteronych- for *Heteronyx*, Osmodermat- for *Osmoderma*, etc.). Article 29 of the ICZN and Greek and Latin dictionaries should be carefully consulted before publishing new family-group names. Note that the stem of a family-group name must always be emended if the spelling of the type genus is altered or found to be incorrect.

When evaluating names that were published in the past, different rules apply for different periods of time. Some of the most relevant examples follow below. The dates below are explicitly cited in the current edition of the rules of nomenclature (ICZN 1999). Only the current edition of the rules of nomenclature should be used to evaluate names because this version overrides all previous versions.

1758–1900: Family-group names first published during this period in vernacular (non-Latinized) form (for example: Bolbocéraires, Pachypoden, Chasmatoptérides, etc.) are permitted only when they were subsequently Latinized and generally accepted as valid dating from the first publication in non-Latinized form. Latinized family-group names are available simply from their use during this period. No descriptions, definitions, or indications are necessary other than the requirement that the stem of the family-group name must be based on an available generic name.

1901–1930: Family-group names must be Latinized to be available during this period or any time later. Otherwise, a family-group name is available “by indication” simply by using an available generic name to form the stem. No description is necessary.

1931–1960: Family-group names must be accompanied by a description or definition (or bibliographic reference to such a published statement) that states characters that differentiate the taxon (unless the name is a replacement name). An exception to the preceding exists if a subsequent author validated the name from 1961–1999 using Article 13.

The family-group name must also be based on a genus-group name that was considered to be valid and within that family-group taxon when it was first proposed.

1961–1999: Similar to 1931–1960 but without the Article 13 exception mentioned above.

There are many other rules regulating family-group names, and the ICZN (1999) should be consulted to determine the availability and validity of names previously published. Note that for family-group names published from 1758–1999, the stem can be emended if it was formed incorrectly (unless the incorrect version is in prevailing usage; see Article 29.5). For names published in 2000 or later, the stem should not be altered even if it was not formed correctly (Article 29.4).

The Principle of Priority (Article 23.1) generally applies to family-group names, but the rules are more flexible relative to generic and specific names. When it is discovered that a younger name is placed at a higher rank than an older name within that taxon, the older name should not replace the younger name if the younger name is in prevailing usage (Article 35.5) (for example: Melolonthidae Leach, 1819 containing Cetoniinae Leach, 1815 of some authors). The Principle of Homonymy applies to family-group names as with other names. If the stem of a family-group name is identical to the stem of another family-group name, the younger name is permanently invalid and must be replaced. Additionally, if the type genus of a family-group name is a junior homonym, the family-group name is permanently invalid and must be replaced.

Authorship of family-group names has been a source of confusion for some authors. According to the Principle of Coordination (Article 36), the author and date of a family-group name remains the same—even when the suffix must be changed when the taxon is raised or lowered in rank. For example, Geotrupidae Latreille, 1802; Geotrupinae Latreille, 1802; and Geotrupini Latreille, 1802 all simultaneously have the same author and date, regardless of what author first placed this family-group name at the family, subfamily, or tribal rank.

Explanation of the Catalog Format

The entries below are organized phylogenetically based largely on the current, prevailing classifications of the various groups. For many taxa, there have been recent overviews of the classification that were followed. Many other groups, however, have been sadly neglected when it comes to worldwide overviews of the classification (most notably Melolonthinae). For many of the more poorly known groups, it was necessary to use a patchwork of literature to try and piece together an overall classification. This was often complicated by the fact that authors working on the same groups do not always use the same classification scheme for their group, especially when determining the rank to use for a taxon. Although I had to make some of my own decisions about what classification scheme to use and what rank at which to place certain taxa, I think that the catalog below is a good reflection of the current literature. There are obvious problems with some groups, but these are beyond the scope of this paper. It is my hope that this review of scarab family-group names will be a catalyst for others to critically review and research higher-level scarab classification. The following works were used as a basis for the classification and phylogenetic order of some of the major groups of Scarabaeoidea: Scarabaeoidea—Browne and Scholtz 1995, Lawrence and Newton 1995; Passalidae—Boucher 2005; Ochodaeidae—Scholtz *et al.* 1988; Hybosoridae—Ocampo 2006; Scarabaeidae—Browne and Scholtz 1995, Ratcliffe *et al.* 2002; Aphodiinae—Dellacasa 1988; Scarabaeinae—Cambefort 1991; Melo-

Ionthinae–Britton 1957, Evans 2003; Rutelinae–Machatschke 1972, Jameson 1998; Dynastinae–Endrödi 1985; and Cetoniinae–Krikken 1984, Ratcliffe *et al.* 2002. Although the works above were used as a starting point, there are obvious problems and omissions in many of them, and several modifications were necessary based on more recently published papers. The classification of the families Geotrupidae and Lucanidae is more problematic. Because of the numerous and widely differing opinions about relationships within each of these groups, it was impossible to pick a single reference as the authority on either group. Therefore, I decided to take a somewhat conservative approach for each with some consideration given to molecular phylogenetics results (Smith *et al.* 2006). The Geotrupidae (including Bolboceratinae) were divided into three subfamilies with Bolboceratinae and Geotrupinae each further divided into several tribes loosely based on works such as Zunino (1984) and Nikolajev (2003). It is clear that more phylogenetics research must be done on this group before a strongly supported classification scheme can emerge for this group. Similarly, the family Lucanidae is in a state of taxonomic chaos at the higher levels. I based the classification loosely on Holloway (1968, 1997) and Howden and Lawrence (1974). The tribal classification within the subfamily Lucaninae was so haphazard that I decided to not recognize any of them in this work, even though there is undoubtedly merit in recognizing some of the groups as tribes (for example Platycerini, Chiasognathini, and Figulini). Since my expertise on this group is limited, I will leave it to future lucanid workers to develop a reasonable tribal classification scheme within the subfamily Lucaninae. Some of the phylogenetic order and classification decisions in this paper were based on a large-scale molecular phylogenetics project currently underway on Scarabaeoidea (introduced in Smith *et al.* 2006). Molecular data were only used in cases where there is no prevailing phylogenetic ordering or classification scheme used for a particular group. It should be noted that *many* more changes to higher-level scarab classification *will* be necessary once detailed reports on the findings of the molecular data are published. Until these detailed papers are published, I will refrain from making changes based solely on these findings.

Entries in the catalog are ordered by rank within a taxon, and there are multiple entries for family-group names with simultaneous ranks (for example: Scarabaeoidea: Scarabaeidae: Scarabaeinae: Scarabaeini). In cases where there are multiple entries, “Remarks” are most often given with highest ranked entry and synonyms are given only with the lowest ranked entry. Entries include the valid name for the taxon in bold followed by the original spelling and citation of the family-group name, the type genus, and when needed, remarks on the nomenclature or classification of the family-group or genus-group names dealt with in the entry. Any synonyms that exist for a taxon are also listed in separate entries after the entry for the valid name. Synonymy entries include the information mentioned above in addition to the correct stem and suffix for the taxonomic rank under which it is placed. An asterisk (*) indicates bibliographic references that I have not examined personally. The “†” symbol indicates extinct fossil taxa.

Superfamily SCARABAEOIDEA Latreille, 1802

Original spelling and citation: Scarabæides Latreille 1802: 144

Type genus: *Scarabaeus* Linnaeus, 1758: 345

Remark: Scaraboides (von Laicharting 1781: II) was used prior to Latreille (1802) but does not fulfill the ICZN criteria for availability because it was used at the order rank not the family-group level. Scaraboides *sensu* von Laicharting was used as the name for all

beetles (=order Coleoptera). This name has not been adapted at the order level and is unavailable at the family-group level (Article 1.2.2).

Family PLECOMIDAE LeConte, 1861

Original spelling and citation: Pleocomini LeConte 1861: 128

Type genus: *Pleocoma* LeConte, 1856: 24 (LeConte 1856*b*)

Subfamily PLECOMINAE LeConte, 1861

Original spelling and citation: Pleocomini LeConte 1861: 128

Type genus: *Pleocoma* LeConte, 1856: 24 (LeConte 1856*b*)

†Subfamily CRETOCOMINAE Nikolajev, 2002

Original spelling and citation: Cretocomini Nikolajev 2002*a*: 53

Type genus: *Cretocoma* Nikolajev, 2002: 54 (Nikolajev 2002*a*)

Family GEOTRUPIDAE Latreille, 1802

Original spelling and citation: Geotrupini Latreille 1802: 142

Type genus: *Geotrupes* Latreille, 1797: 6

Subfamily TAUROCERASTINAE Germain, 1897

Original spelling and citation: Taurocerastidae Germain 1897: 287

Type genus: *Taurocerastes* Philippi, 1866: 115

Subfamily BOLBOCERATINAE Mulsant, 1842

Original spelling and citation: Bolbocéraires Mulsant 1842: 347

Type genus: *Bolboceras* Kirby, 1819: 459 (Kirby 1819*b*)

Remark: Although this family-group name was not originally proposed in a Latinized form, it has subsequently been Latinized by numerous authors and should be considered available under Article 11.7.2.

Tribe BOLBOCERATINI Mulsant, 1842

Original spelling and citation: Bolbocéraires Mulsant 1842: 347

Type genus: *Bolboceras* Kirby, 1819: 459 (Kirby 1819*b*)

Tribe ATHYREINI Howden and Martínez, 1963

Original spelling and citation: Athyreini Howden and Martínez 1963: 346

Type genus: *Athyreus* MacLeay, 1819: 123

Remark: Athyréites Blanchard 1845: 221 was not Latinized and was not subsequently Latinized until the tribe was formally described by Howden and Martínez (1963). Since Blanchard, 1845 has never been considered the author and date for this taxon, Article 11.7.2 does not apply and this family-group name should continue to be credited to Howden and Martínez, 1963. From the context of Blanchard (1845), all his “Famille” and “Groupe” names with the “-ides” and “-ites” suffixes respectively are French vernacular names (some have accents).

Tribe BOLBOCHROMINI Nikolajev, 1970

Original spelling and citation: Bolbochromini Nikolajev 1970: 34

Type genus: *Bolbochromus* Boucomont, 1909: 117

Tribe GILLETININI Nikolajev, 1990

Original spelling and citation: Gilletinini Nikolajev 1990: 99

Type genus: *Gilletinus* Boucomont, 1932: 264

Tribe EUBOLBITINI Nikolajev, 1970

Original spelling and citation: Eubolbitini Nikolajev 1970: 33

Type genus: *Eubolbitus* Reitter, 1892: 125

Tribe BOLBELASMINI Nikolajev, 1996

Original spelling and citation: Bolbelasmini Nikolajev 1996: 96

Type genus: *Bolbelasmus* Boucomont, 1911: 335

Tribe AUSTRALOBOLBINI Nikolajev, 1996

Original spelling and citation: Australobolbini Nikolajev 1996: 96

Type genus: *Australobolbus* Howden and Cooper, 1977: 19

Tribe EUCANTHINI Nikolajev, 2002

Original spelling and citation: Eucanthini Nikolajev 2002: 209 (Nikolajev 2002*b*)

Type genus: *Eucanthus* Westwood, 1848: 387 (Westwood 1848*b*)

Tribe STENASPIDIINI Nikolajev, 2003

Original spelling and citation: Stenaspidiini Nikolajev 2003: 190

Type genus: *Stenaspidius* Westwood, 1848: 366 (Westwood 1848*a*)

Subfamily GEOTRUPINAE Latreille, 1802

Original spelling and citation: Geotrupini Latreille 1802: 142

Type genus: *Geotrupes* Latreille, 1797: 6

Tribe GEOTRUPINI Latreille, 1802

Original spelling and citation: Geotrupini Latreille 1802: 142

Type genus: *Geotrupes* Latreille, 1797: 6

†Tribe CRETOTRUPINI Nikolajev, 1996

Original spelling and citation: Cretogeotrupini Nikolajev 1996: 97

Type genus: *Cretogeotrupes* Nikolajev, 1992: 80

Tribe LETHRINI Mulsant and Rey, 1871

Original spelling and citation: Lethraires Mulsant and Rey 1871: 161

Type genus: *Lethrus* Scopoli, 1777: 439

Remark: Although this family-group name was not originally proposed in a Latinized form, it has subsequently been Latinized by numerous authors and should be considered available under Article 11.7.2.

Tribe CHROMOGEOTRUPINI Zunino, 1984

Original spelling and citation: Chromogeotrupini Zunino 1984: 30

Type genus: *Chromogeotrupes* Bovo and Zunino, 1983: 404

Tribe CERATOTRUPINI Zunino, 1984

Original spelling and citation: Ceratotrupini Zunino 1984: 89

Type genus: *Ceratotrupes* Jekel, 1866: 540

Family BELOHINIDAE Paulian, 1959

Original spelling and citation: Belohininae Paulian 1959: 40

Type genus: *Belohina* Paulian, 1959: 42

Family PASSALIDAE Leach, 1815

Original spelling and citation: Passalida Leach 1815*a*: 100

Type genus: *Passalus* Fabricius, 1792: XI

Subfamily AULACOCYCLINAE Kaup, 1868

Original spelling and citation: Aulacocyclinae Kaup 1868*a*: 4

Type genus: *Aulacocychus* Kaup, 1868: 4 (Kaup 1868*a*)

Tribe AULACOCYCLINI Kaup, 1868

Original spelling and citation: Aulacocyclinae Kaup 1868*a*: 4

Type genus: *Aulacocychus* Kaup, 1868: 4 (Kaup 1868*a*)

Tribe CERACUPINI Boucher, 2005

Original spelling and citation: Ceracupini Boucher 2005: 319

Type genus: *Ceracupes* Kaup, 1871: 16

Subfamily PASSALINAE Leach, 1815

Original spelling and citation: Passalida Leach 1815*a*: 100

Type genus: *Passalus* Fabricius, 1792: XI

Tribe PROCLINI Kaup, 1868

Original spelling and citation: Proculinae Kaup 1868*b*: 8
 Type genus: *Proculus* Kaup, 1868: 8 (Kaup 1868*b*)

Synonym: Pseudacanthini Kaup, 1871
 Original spelling and citation: Pseudacanthae Kaup 1871: 73
 Type genus: *Pseudacanthus* Kaup, 1869: 9

Synonym: Oileini Kuwert, 1891
 Original spelling and citation: Oileinae Kuwert 1891: 192
 Type genus: *Oileus* Kaup, 1869: 3

Synonym: Sertoriini Kuwert, 1891
 Original spelling and citation: Sertorinae Kuwert 1891: 175
 Type genus: *Sertorius* Kaup, 1871: 114

Remark: This family-group name is permanently invalid because the type genus, *Sertorius* Kaup, 1871, is a junior homonym of *Sertorius* Stål, 1866 (Hemiptera) (Article 39). *Arrox* Zang, 1905 was proposed as a replacement name for *Sertorius* Kaup, 1871.

Synonym: Unduliferini Kuwert, 1891
 Original spelling and citation: Unduliferinae Kuwert 1891: 176
 Type genus: *Undulifer* Kaup, 1869: 6

Synonym: Veturiini Kuwert, 1891
 Original spelling and citation: Veturinae Kuwert 1891: 173
 Type genus: *Veturius* Kaup, 1871: 110

Synonym: Popiliini Kuwert, 1896
 Original spelling and citation: Popiliinae Kuwert 1896: 221
 Type genus: *Popilius* Kaup, 1871: 75

Synonym: Proculejini Kuwert, 1896
 Original spelling and citation: Proculejinae Kuwert 1896: 221
 Type genus: *Proculejus* Kaup, 1868: 13 (Kaup 1868*b*)

Synonym: Spuriinae Kuwert, 1896
 Original spelling and citation: Spuriinae Kuwert 1896: 221
 Type genus: *Spurius* Kaup, 1871: 75

Synonym: Vindicini Kuwert, 1896
 Original spelling and citation: Vindicinae Kuwert 1896: 227
 Type genus: *Vindex* Kaup, 1871: 78

Tribe PASSALINI Leach, 1815

Original spelling and citation: Passalida Leach 1815*a*: 100
 Type genus: *Passalus* Fabricius, 1792: XI

Synonym: Neleini Kaup, 1869
 Original spelling and citation: Neleinae Kaup 1869: 28
 Type genus: *Neleus* Kaup, 1869: 30

Remark: This family-group name is permanently invalid because the type genus, *Neleus* Kaup, 1869, is a junior homonym of *Neleus* Desbonne and Schramm, 1867 (Crustacea) (Article 39).

Synonym: Pertinacini Kaup, 1871
 Original spelling and citation: Pertinaceae Kaup 1871: 89
 Type genus: *Pertinax* Kaup, 1869: 21

Synonym: Phoroneini Kaup, 1871
 Original spelling and citation: Phoroneae Kaup 1871: 97
 Type genus: *Phoroneus* Kaup, 1869: 10

Remark: This family-group name is permanently invalid because the type genus, *Phoroneus* Kaup, 1869, is a junior homonym of *Phoroneus* Stål, 1865 (Hemiptera) (Article 39). *Macrolobus* Zang, 1905 was proposed as a replacement name for *Phoroneus* Kaup, 1869.

Synonym: Mitrorhini Kuwert, 1891

Original spelling and citation: Mitrorrhinae Kuwert 1891: 190

Type genus: *Mitrorhinus* Kaup, 1871: 79

Synonym: Paxillini Kuwert, 1891

Original spelling and citation: Paxillinae Kuwert 1891: 182

Type genus: *Paxillus* MacLeay, 1819: 105

Synonym: Petrejini Kuwert, 1891

Original spelling and citation: Petrejinae Kuwert 1891: 176

Type genus: *Petrejus* Kaup, 1869: 36

Synonym: Neleidini Kuwert, 1896

Original spelling and citation: Nelidinae Kuwert 1896: 222

Type genus: *Neleides* Kaup, 1869: 33

Synonym: Ptichopodini Kuwert, 1896

Original spelling and citation: Ptichopinae Kuwert 1896: 224

Type genus: *Ptichopus* Kaup, 1869: 27

Synonym: Rhodocanthopini Kuwert, 1896

Original spelling and citation: Rhodacanthopinae Kuwert 1896: 222

Type genus: *Rhodocanthopus* Kaup, 1871: 90

Synonym: Vatiniini Kuwert, 1896

Original spelling and citation: Vatiniinae Kuwert 1896: 226

Type genus: *Vatinius* Kaup, 1869: 35

Remark: This family-group name is permanently invalid because the type genus, *Vatinius* Kaup, 1869, is a junior homonym of *Vatinius* Stål, 1865 (Hemiptera) (Article 39). *Zosterothrix* Zang, 1905 was proposed as a replacement name for *Vatinius* Kaup, 1869.

Tribe SOLENOCYCLINI Kaup, 1871

Original spelling and citation: Solenocycleae Kaup 1871: 24

Type genus: *Solenocyclus* Kaup, 1868: 10 (Kaup 1868a)

Synonym: Eriocnemini Kaup, 1871

Original spelling and citation: Eriocnemiae Kaup 1871: 35

Type genus: *Eriocnemis* Kaup, 1868: 21 (Kaup 1868a)

Remark: This family-group name is permanently invalid because the type genus, *Eriocnemis* Kaup, 1868, is a junior homonym of *Eriocnemis* Reichenbach, 1849 (Aves) (Article 39). *Gnaphalocnemis* Heller, 1900 was proposed as a replacement name for *Eriocnemis* Kaup, 1868.

Synonym: Stephanocephalini Kaup, 1871: 78

Original spelling and citation: Stephanocephaleae Kaup 1871: 78

Type genus: *Stephanocephalus* Kaup, 1868: 19 (Kaup 1868b)

Synonym: Ciceroniini Kuwert, 1891

Original spelling and citation: Ciceroninae Kuwert 1891: 183

Type genus: *Ciceronius* Kaup, 1871: 29

Synonym: Erionomini Kuwert, 1891

Original spelling and citation: Erionominae Kuwert 1891: 176

Type genus: *Erionomus* Kaup, 1868: 16 (Kaup 1868a)

Synonym: Flaminiini Kuwert, 1891

Original spelling and citation: Flamininae Kuwert 1891: 185

Type genus: *Flaminius* Kuwert, 1891: 185

Synonym: Semicyclini Kuwert, 1891

Original spelling and citation: Semicyclinae Kuwert 1891: 177

Type genus: *Semicyclus* Kaup, 1871: 28

Synonym: Gnaphalocnemini Gravely, 1914

Original spelling and citation: Gnaphalocneminae Gravely 1914: 194

Type genus: *Gnaphalocnemis* Heller, 1900: 10

Tribe LEPTAULACINI Kaup, 1871

Original spelling and citation: Leptaulaceae Kaup 1871: 28

Type genus: *Leptaulax* Kaup, 1868: 11 (Kaup 1868a)

Tribe MACROLININI Kaup, 1871

Original spelling and citation: Macrolinae Kaup 1871: 42

Type genus: *Macrolinus* Kaup, 1868: 18 (Kaup 1868a)

Synonym: Aceraiini Kaup, 1871

Original spelling and citation: Aceraiiae Kaup 1871: 47

Type genus: *Aceraius* Kaup, 1868: 26 (Kaup 1868a)

Synonym: Gonatini Kuwert, 1891

Original spelling and citation: Gonatinae Kuwert 1891: 169

Type genus: *Gonatas* Kaup, 1871: 50

Synonym: Mastachilini Kuwert, 1891

Original spelling and citation: Mastachilinae Kuwert 1891: 167

Type genus: *Mastachilus* Kaup, 1868: 19 (Kaup 1868a)

Synonym: Pharochilini Kuwert, 1891

Original spelling and citation: Pharochilinae Kuwert 1891: 166

Type genus: *Pharochilus* Kaup, 1868: 20 (Kaup 1868a)

Synonym: Tarquiniini Kuwert, 1891

Original spelling and citation: Tarquininae Kuwert 1891: 164

Type genus: *Tarquinius* Kuwert, 1891: 164

Synonym: Vellejini Kuwert, 1891

Original spelling and citation: Vellejinae Kuwert 1891: 167

Type genus: *Vellejus* Kaup, 1871: 35

Remark: This family-group name is permanently invalid because the type genus, *Vellejus* Kaup, 1871, is a junior homonym of *Vellejus* Mannerheim, 1830 (Coleoptera: Staphylinidae) and *Vellejus* Stål, 1865 (Hemiptera) (Article 39). *Kaupiolus* Zang, 1903 was proposed as a replacement name for *Vellejus* Kaup, 1871.

Synonym: Aureliini Kuwert, 1896

Original spelling and citation: Aureliinae Kuwert 1896: 230

Type genus: *Aurelius* Kuwert, 1891: 168

Synonym: Lachini Kuwert, 1896

Original spelling and citation: Lachinae Kuwert 1896: 230

Type genus: *Laches* Kaup, 1871: 48

Remark: This family-group name is permanently invalid because the type genus, *Laches* Kaup, 1871, is a junior homonym of *Laches* Gistel, 1848 (Hymenoptera) and *Laches* Thorell, 1869 (Arachnida) (Article 39). *Chilomazus* Zang, 1905 was proposed as a replacement name for *Laches* Kaup, 1871.

Synonym: Pelopini Kuwert, 1896

Original spelling and citation: Pelopinae Kuwert 1896: 229

Type genus: *Pelopides* Kuwert, 1896: 229

Synonym: Pleurariini Kuwert, 1896
 Original spelling and citation: Pleurariinae Kuwert 1896: 224
 Type genus: *Pleurarius* Kaup, 1868: 1 (Kaup 1868*b*)

Synonym: Austropassalini Mjöberg, 1917
 Original spelling and citation: Austropassalinae Mjöberg 1917: 11
 Type genus: *Austropassalus* Mjöberg, 1917: 11

Family TROGIDAE MacLeay, 1819

Original spelling and citation: Trogidae MacLeay 1819: 59
 Type genus: *Trox* Fabricius, 1775: 31

Subfamily TROGINAE MacLeay, 1819

Original spelling and citation: Trogidae MacLeay 1819: 59
 Type genus: *Trox* Fabricius, 1775: 31

Subfamily OMORGINAE Nikolajev, 2005

Original spelling and citation: Omorgini Nikolajev 2005*a*: 322
 Type genus: *Omorgus* Erichson, 1847: 107 (Erichson 1847*a*)

Family GLARESIDAE Kolbe, 1905

Original spelling and citation: Glaresini Kolbe 1905: 543
 Type genus: *Glaresis* Erichson, 1848: 925

Family DIPHYLLOSTOMATIDAE Holloway, 1972

Original spelling and citation: Diphylostomatidae Holloway 1972: 38
 Type genus: *Diphylostoma* Fall, 1901: 324

Family LUCANIDAE Latreille, 1804

Original spelling and citation: Lucanides Latreille 1804: 234
 Type genus: *Lucanus* Scopoli, 1763: 1

Subfamily AESALINAE MacLeay, 1819

Original spelling and citation: Aesalidae MacLeay 1819: 102
 Type genus: *Aesalus* Fabricius, 1801: 254

Tribe AESALINI MacLeay, 1819

Original spelling and citation: Aesalidae MacLeay 1819: 102
 Type genus: *Aesalus* Fabricius, 1801: 254

Tribe CERATOGNATHINI Sharp, 1899

Original spelling and citation: Ceratognathini Sharp 1899: 194
 Type genus: *Ceratognathus* Westwood, 1838: 260

Tribe NICAGINI LeConte, 1861

Original spelling and citation: Nicagini LeConte 1861: 130
 Type genus: *Nicagus* LeConte, 1861: 130

Subfamily SYNDESINAE MacLeay, 1819

Original spelling and citation: Syndesidae MacLeay 1819: 103
 Type genus: *Syndesus* MacLeay, 1819: 104

Synonym: Sinodendrinae Mulsant, 1842

Original spelling and citation: Sinodendriens Mulsant 1842: 600
 Type genus: *Sinodendron* Hellwig, 1792: 391

Remark: Although this family-group name was not originally proposed in a Latinized form, it has subsequently been Latinized by numerous authors and should be considered available under Article 11.7.2.

Synonym: Ceruchinae Jacquelin du Val and Fairmaire, 1859

Original spelling and citation: Ceruchites Jacquelin du Val and Fairmaire 1859: 4
 Type genus: *Ceruchus* MacLeay, 1819: 115

Remark: Although this family-group name was not originally proposed in a Latinized form, it has subsequently been Latinized by numerous authors and should be considered available under Article 11.7.2. From the context of Jacquelin du Val and Fairmaire (1859), all their “Groupe” names are French vernacular names (some have accents) even though they have the “-ites” suffix.

Subfamily LAMPRIMINAE MacLeay, 1819

Original spelling and citation: Lamprimidae MacLeay 1819: 97

Type genus: *Lamprima* Latreille, 1804: 238

Tribe LAMPRIMINI MacLeay, 1819

Original spelling and citation: Lamprimidae MacLeay 1819: 97

Type genus: *Lamprima* Latreille, 1804: 238

Tribe STREPTOCERINI Kikuta, 1986

Original spelling and citation: Streptocerini Kikuta 1986: 131

Type genus: *Streptocerus* Fairmaire, 1850: 53

Subfamily LUCANINAE Latreille, 1804

Original spelling and citation: Lucanides Latreille 1804: 234

Type genus: *Lucanus* Scopoli, 1763: 1

Remark: Several family-group names have been used for taxa within this subfamily that were never made available under the ICZN. These names were first used after 1930 but do not satisfy Article 13.1 (accompanied by a description or definition etc.): Aegini (Maes 1992*b*), Allotopini (Maes 1992*a*), Casignetini (Maes 1992*b*), Chalcodinae (Didier and Séguy 1953, Lacroix 1979), Colophonini (Maes 1992*b*), Cyclommatini (Maes 1992*a*), Homoderini (Maes 1992*b*), Neoprosopocoilini (Maes 1992*b*) (which is also not based on an available generic name), Nigidiini (Benesh 1960), Prosopocoilini (Benesh 1960), Pseudodorcini (Benesh 1960), and Rhyssonotini (Benesh 1960).

Synonym: Platycerinae Mulsant, 1842

Original spelling and citation: Platycérais Mulsant 1842: 593

Type genus: *Platycerus* Geoffroy, 1762: 87

Remark: Although this family-group name was not originally proposed in a Latinized form, it has subsequently been Latinized by numerous authors and should be considered available under Article 11.7.2.

Synonym: Chiasognathinae Burmeister, 1847

Original spelling and citation: Chiasognathidae Burmeister 1847: 334

Type genus: *Chiasognathus* Stephens, 1831: 213

Synonym: Figulinae Burmeister, 1847

Original spelling and citation: Figulidae Burmeister 1847: 428

Type genus: *Figulus* MacLeay, 1819: 109

Synonym: Dorcinae Parry, 1864

Original spelling and citation: Dorcidae Parry 1864: 86

Type genus: *Dorcus* MacLeay, 1819: 111

Synonym: Cladognathinae Parry, 1870

Original spelling and citation: Cladognathidae Parry 1870: 75

Type genus: *Cladognathus* Burmeister, 1847: 364

Synonym: Odontolabinae Parry, 1870

Original spelling and citation: Odontolabidae Parry 1870: 106

Type genus: *Odontolabis* Hope, 1842: 247 (Hope 1842*a*)

Synonym: Rhaetulinae Miwa, 1931

Original spelling and citation: Rhaetulinae Miwa 1931: 323

Type genus: *Rhaetulus* Parry, 1871: 353 (Westwood 1871)

Synonym: Systemocerinae Portevin, 1931

Original spelling and citation: Systemocerini Portevin 1931: 3

Type genus: *Systemocerus* Weise, 1883: 93 (Heyden *et al.* 1883)

Synonym: Penichrolucaninae Arrow, 1950

Original spelling and citation: Penichrolucaninae Arrow 1950: 233

Type genus: *Penichrolucanus* Deyrolle, 1863: 485

Synonym: Dendeziinae Benesh, 1955

Original spelling and citation: Dendeziini Benesh 1955*b*: 72

Type genus: *Dendezia* Basilewsky, 1952: 36

Synonym: Lissotinae Benesh, 1955

Original spelling and citation: Lissotini Benesh 1955*b*: 73

Type genus: *Lissotes* Westwood, 1855: 213

Synonym: Sclerostominae Benesh, 1955

Original spelling and citation: Sclerostomini Benesh 1955*a*: 97

Type genus: *Sclerostomus* Burmeister, 1847: 423

Synonym: Scortizinae Benesh, 1955

Original spelling and citation: Scortizini Benesh 1955*a*: 103

Type genus: *Scortizus* Westwood, 1834: 119

Synonym: Pholidotinae Kikuta, 1986

Original spelling and citation: Pholidotini Kikuta 1986: 131

Type genus: *Pholidotus* MacLeay, 1819: 97

Remark: This family-group name is permanently invalid because the type genus, *Pholidotus* MacLeay, 1819, is a junior homonym of *Pholidotus* Brisson, 1762 (Mammalia) (Article 39). *Pholidotus* Hope, 1843 was proposed as a replacement name for *Pholidotus* MacLeay, 1819.

Synonym: Brasilucaninae Nikolajev, 1999

Original spelling and citation: Brasilucanini Nikolajev 1999*a*: 171

Type genus: *Brasilucanus* Vulcano and Pereira, 1961: 473

†**Subfamily PARALUCANINAE Nikolajev, 2000**

Original spelling and citation: Paralucaninae Nikolajev 2000*b*: S328

Type genus: *Paralucanus* Nikolajev, 2000: S328 (Nikolajev 2000*b*)

Family OCHODAEIDAE Mulsant and Rey, 1871

Original spelling and citation: Ochodéens Mulsant and Rey 1871: 236

Type genus: *Ochodaeus* Dejean, 1821: 56

Remark: Although this family-group name was not originally proposed in a Latinized form, it has subsequently been Latinized by numerous authors and should be considered available under Article 11.7.2.

†**Subfamily CRETOCHODAEINAE Nikolajev, 1995**

Original spelling and citation: Cretochodaeni Nikolajev 1995*a*: 78

Type genus: *Cretochodaeus* Nikolajev, 1995: 79 (Nikolajev 1995*a*)

Subfamily OCHODAEINAE Mulsant and Rey, 1871

Original spelling and citation: Ochodéens Mulsant and Rey 1871: 236

Type genus: *Ochodaeus* Dejean, 1821: 56

Tribe OCHODAEINI Mulsant and Rey, 1871

Original spelling and citation: Ochodéens Mulsant and Rey 1871: 236

Type genus: *Ochodaeus* Dejean, 1821: 56

Tribe ENODOGNATHINI Scholtz, 1988

Original spelling and citation: Endognathini Scholtz in Scholtz *et al.* 1988: 228

Type genus: *Enodognathus* Benderitter, 1920: 112

Remark: Scholtz (1991) corrected Endognathini to Enodognathini to correct a misspelling of the type genus.

Subfamily CHAETOCANTHINAE Scholtz, 1988

Original spelling and citation: Chaetocanthinae Scholtz in Scholtz *et al.* 1988: 231

Type genus: *Chaetocanthus* Péringuey, 1901: 495

Tribe CHAETOCANTHINI Scholtz, 1988

Original spelling and citation: Chaetocanthini Scholtz in Scholtz *et al.* 1988: 231

Type genus: *Chaetocanthus* Péringuey, 1901: 495

Tribe PSEUDOCODAEBINI Scholtz, 1988

Original spelling and citation: Pseudochodaeini Scholtz in Scholtz *et al.* 1988: 235

Type genus: *Pseudochodaeus* Carlson and Ritcher, 1974: 99

Tribe SYNOCHODAEBINI Scholtz, 1988

Original spelling and citation: Synochodaeini Scholtz in Scholtz *et al.* 1988: 237

Type genus: *Synochodaeus* Kolbe, 1907: 27

Family Hybosoridae Erichson, 1847

Original spelling and citation: Hybosoridae Erichson 1847a: 104

Type genus: *Hybosorus* MacLeay, 1819: 120

Subfamily ANAIDINAE Nikolajev, 1996

Original spelling and citation: Anaidini Nikolajev 1996: 94

Type genus: *Anaides* Westwood, 1842: 457 (Westwood 1842a)

Synonym: Cryptogeniinae Howden, 2001

Original spelling and citation: Cryptogeniini Howden 2001: 199

Type genus: *Cryptogenius* Westwood, 1842: 457 (Westwood 1842a)

Subfamily CERATOCANTHINAE Martínez, 1968

Original spelling and citation: Ceratocanthini Martínez 1968: 14

Type genus: *Ceratocanthus* White, 1842: 93

Tribe CERATOCANTHINI Martínez, 1968

Original spelling and citation: Ceratocanthini Martínez 1968: 14

Type genus: *Ceratocanthus* White, 1842: 93

Synonym: Acanthocerini Lacordaire, 1856

Original spelling and citation: Acanthocérides Lacordaire 1856: 155

Type genus: *Acanthocerus* MacLeay, 1819: 136

Remark: Although this family-group name was not originally proposed in a Latinized form, it has subsequently been Latinized by numerous authors and should be considered available under Article 11.7.2. This family-group name is permanently invalid because the type genus, *Acanthocerus* MacLeay, 1819, is a junior homonym of *Acanthocerus* Palisot de Beauvois, 1818 (Hemiptera) (Article 39). *Ceratocanthus* White, 1842 was proposed as a replacement name for *Acanthocerus* MacLeay, 1819.

Tribe SCARABATERMITINI Nikolajev, 1999

Original spelling and citation: Scarabatermitini Nikolajev 1999b: 175

Type genus: *Scarabatermes* Howden, 1973: 29

Tribe IVIEOLINI Howden and Gill, 2000

Original spelling and citation: Ivieolini Howden and Gill 2000: 315

Type genus: *Ivieolus* Howden and Gill, 1988: 2077

Subfamily HYBOSORINAE Erichson, 1847

Original spelling and citation: Hybosoridae Erichson 1847a: 104

Type genus: *Hybosorus* MacLeay, 1819: 120

Subfamily LIPAROCHRINAE Ocampo, 2006

Original spelling and citation: Liparochninae Ocampo 2006: 29

Type genus: *Liparochnus* Erichson, 1848: 925

Subfamily PACHYPLECTRINAE Ocampo, 2006

Original spelling and citation: Pachyplectrinae Ocampo 2006: 30

Type genus: *Pachyplectrus* LeConte, 1874: 53

Family GLAPHYRIDAE MacLeay, 1819

Original spelling and citation: Glaphyridae MacLeay 1819: 76

Type genus: *Glaphyrus* Latreille, 1802: 150

Subfamily GLAPHYRINAE MacLeay, 1819

Original spelling and citation: Glaphyridae MacLeay 1819: 76

Type genus: *Glaphyrus* Latreille, 1802: 150

Remark: Amphicomites (Blanchard 1845: 211) was also used but was not subsequently Latinized and is therefore unavailable. From the context of Blanchard (1845), all his "Famille" and "Groupe" names with the "-ides" and "-ites" suffixes respectively are French vernacular names (some have accents).

†Subfamily CRETOGLAPHYRINAE Nikolajev, 2005

Original spelling and citation: Cretoglaphyrini Nikolajev 2005b: 70

Type genus: *Cretoglaphyrus* Nikolajev, 2005: 70 (Nikolajev 2005b)

Family SCARABAEIDAE Latreille, 1802

Original spelling and citation: Scarabæides Latreille 1802: 144

Type genus: *Scarabaeus* Linnaeus, 1758: 345

†Subfamily LITHOSCARABAEINAE Nikolajev, 1992

Original spelling and citation: Lithoscarabaeinae Nikolajev 1992: 76

Type genus: *Lithoscarabaeus* Nikolajev, 1992: 78

Subfamily CHIRONINAE Blanchard, 1845

Original spelling and citation: Chironites Blanchard 1845: 225

Type genus: *Chiron* MacLeay, 1819: 107

Remark: Although this family-group name was not originally proposed in a Latinized form, it has subsequently been Latinized by numerous authors and should be considered available under Article 11.7.2. The stem of this family-group name may be formed incorrectly but this spelling is in prevailing usage and must be maintained (Article 29.5).

Subfamily AEGIALIINAE Laporte, 1840

Original spelling and citation: Aegialites Laporte 1840: 99

Type genus: *Aegialia* Latreille, 1807: 96

Remark: Although this family-group name was not originally proposed in a Latinized form, it has subsequently been Latinized by numerous authors and should be considered available under Article 11.7.2.

Synonym: Silluviinae Landin, 1949

Original spelling and citation: Silluviinae Landin 1949: 3

Type genus: *Silluvia* Landin, 1949: 5

Subfamily EREMAZINAE Iablokoff-Khnzorian, 1977

Original spelling and citation: Eremazini Iablokoff-Khnzorian 1977: 168

Type genus: *Eremazus* Mulsant, 1851: 139

Remark: Eremazina (Stebnicka, 1977: 488) was also used in the same year but with a later publication date.

Subfamily APHODIINAE Leach, 1815

Original spelling and citation: Aphodida Leach 1815a: 97

Type genus: *Aphodius* Illiger, 1798: 15 (Kugelann and Illiger 1798)

Remark: Several family-group names have been used for taxa within this subfamily that were not originally Latinized and have not been subsequently Latinized and accepted as valid. These names (and others like them) are unavailable: *Ammoeciates* (Mulsant 1842: 301), *Heptaulacates* (Mulsant and Rey 1870: 385), *Hexalates* (Mulsant and Rey 1870: 385), *Plagiogonates* (Mulsant and Rey 1870: 609), and *Pleurophorates* (Mulsant 1842: 304).

Tribe APHODIINI Leach, 1815

Original spelling and citation: *Aphodida* Leach 1815a: 97

Type genus: *Aphodius* Illiger, 1798: 15 (Kugelann and Illiger 1798)

Subtribe APHODIINA Leach, 1815

Original spelling and citation: *Aphodida* Leach 1815a: 97

Type genus: *Aphodius* Illiger, 1798: 15 (Kugelann and Illiger 1798)

Subtribe DIDACTYLIINA Pittino, 1985

Original spelling and citation: *Didactyliina* Pittino 1985: 270

Type genus: *Didactylia* d'Orbigny, 1896: 247

Subtribe PROCTOPHANINA Stebnicka and Howden, 1995

Original spelling and citation: *Proctophanini* Stebnicka and Howden 1995: 742

Type genus: *Proctophanes* Harold, 1861: 111

Tribe CORYTHODERINI Schmidt, 1910

Original spelling and citation: *Corythoderina* Schmidt 1910: 137

Type genus: *Corythoderus* Klug, 1845: [8]

Tribe EUPARIINI Schmidt, 1910

Original spelling and citation: *Eupariina* Schmidt 1910: 102

Type genus: *Euparia* LePeletier and Serville, 1828: 357 (*LePeletier and Serville, 1828a*)

Synonym: *Ataeniini* Harold, 1868

Original spelling and citation: *Ataenidae* Harold 1868: 278

Type genus: *Ataenius* Harold, 1867: 82 (*Harold 1867b*)

Remark: Although *Ataeniini* has priority over *Eupariini*, the later is in prevailing usage and must be considered the valid using a reversal of precedence (Article 23.9). *Ataeniini* has not been used as a valid name since it was first proposed. Therefore, I invoke Article 23.9.2 and provide evidence that *Eupariini* has been used as a valid name 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. In compliance with the requirements of the Code, the following list of qualified publications, in chronological order, used *Eupariini* (with any recognized family-group suffix) as a valid family-group name, which is sufficient evidence that it is in prevailing usage: Balthasar 1964; Cartwright 1977; Endrödi and Rakovič 1981; Chalumeau 1983; Ratcliffe 1991; Chalumeau 1992; Deloya 1994; Stebnicka and Howden 1996; Stebnicka 1997; Stebnicka 2001a; Stebnicka 2001b; Dellacasa and Stebnicka 2001; Martínez, Deloya, and Dellacasa 2001; Cruz and Martínez 2002; Skelley and Gordon 2002; Stebnicka 2002a; Stebnicka 2002b; Gordon and McCleve 2003; Stebnicka 2003a; Stebnicka 2003b; Stebnicka 2003c; Ordóñez Reséndiz and Deloya 2004; Stebnicka 2004; Masumoto and Ochi 2005; Smith 2005; Stebnicka 2005a; Stebnicka 2005b; and Stebnicka and Lago 2005.

Synonym: *Lomanoxiini* Stebnicka, 1999

Original spelling and citation: *Lomanoxiini* Stebnicka 1999: 280

Type genus: *Lomanoxia* Martínez, 1951: 29

Tribe ODONTOLOCHINI Stebnicka and Howden, 1996

Original spelling and citation: *Odontolochini* Stebnicka and Howden 1996: 99

Type genus: *Odontolochus* Schmidt, 1916: 99

Tribe ODOCHILINI Rakovič, 1987

Original spelling and citation: Odochilini Rakovič 1987: 29

Type genus: *Odochilus* Harold, 1877: 97

Tribe PSAMMODIINI Mulsant, 1842

Original spelling and citation: Psammodiaires Mulsant 1842: 317

Type genus: *Psammodius* Fallén, 1807: 37

Remark: Although this family-group name was not originally proposed in a Latinized form, it has subsequently been Latinized by numerous authors and should be considered available under Article 11.7.2.

Subtribe PSAMMODIINA Mulsant, 1842

Original spelling and citation: Psammodiaires Mulsant 1842: 317

Type genus: *Psammodius* Fallén, 1807: 37

Synonym: Psammobiina Schmidt, 1910: 115

Original spelling and citation: Psammobiina Schmidt 1910: 115

Type genus: *Psammobius* Heer, 1841: 531

Subtribe RHYSEMINA Pittino and Mariani, 1986

Original spelling and citation: Rhysemina Pittino and Mariani 1986: 17

Type genus: *Rhysemus* Mulsant, 1842: 314

Tribe RHYPARINI Schmidt, 1910

Original spelling and citation: Rhyparina Schmidt 1910: 130

Type genus: *Rhyparus* Westwood, 1845: xciii (Westwood 1845b*)

Remark: The original spelling of the type genus is *Ryparus* and Agassiz (1847) later made the unjustified emendation to *Rhyparus*. Since this unjustified emendation is in prevailing usage, it should be considered a justified emendation (Article 33.2.3.1). The emended spelling avoids homonymy with *Ryparus* Spinola, 1844 (Coleoptera: Cleridae). *Rhyparus* Westwood, 1845 is a senior homonym of *Rhyparus* Agassiz, 1847 (Coleoptera: Cleridae). The later name is an unjustified emendation of *Ryparus* Spinola, 1844 and is not in prevailing usage. Since the emended spelling is not in prevailing usage for the Cleridae name, *Ryparus* Spinola, 1844 and the Cleridae *Rhyparus* Agassiz, 1847 should both be treated as separate names.

Tribe STEREOMERINI Howden and Storey, 1992

Original spelling and citation: Stereomerini Howden and Storey 1992: 1811

Type genus: *Stereomera* Arrow, 1905: 534

Tribe TERMITODERINI Tangelder and Krikken, 1982

Original spelling and citation: Termitoderini Tangelder and Krikken 1982: 10

Type genus: *Termitoderus* Mateu, 1966: 718

Tribe THINORYCTERINI Semenov-Tian-Shanskij and Reichardt, 1925

Original spelling and citation: Thinorycterina Semenov-Tian-Shanskij and Reichardt 1925: 86

Type genus: *Thinorycter* Semenov-Tian-Shanskij and Reichardt, 1925: 83

Tribe PHYCOCHINI Landin, 1960

Original spelling and citation: Phycochini Landin 1960: 59

Type genus: *Phycochus* Broun, 1886: 770

Subfamily AULONOCNEMINAE Janssens, 1946

Original spelling and citation: Aulonocneminae Janssens 1946: 7

Type genus: *Aulonocnemis* Klug, 1838: 70

Subfamily TERMITOTROGINAE Wasmann, 1918

Original spelling and citation: Termitotrogini Wasmann 1918: 4

Type genus: *Termitotrox* Reichensperger, 1915: 16

Subfamily SCARABAEINAE Latreille, 1802

Original spelling and citation: Scarabæides Latreille 1802: 144

Type genus: *Scarabaeus* Linnaeus, 1758: 345

Tribe EUCRANINI Burmeister, 1873

Original spelling and citation: Eucraniadae Burmeister 1873: 405

Type genus: *Eucranium* Brullé, 1837: 289 (Audouin and Brullé 1837)

Synonym: Ennearabdini Pereira and Martínez, 1956

Original spelling and citation: Ennearabdini Pereira and Martínez 1956: 238.

Type genus: *Ennearabdus* van Lansberge, 1874: CXLIII (van Lansberge 1874a)

Tribe GYMNOLEURINI Lacordaire, 1856

Original spelling and citation: Gymnopleurides Lacordaire 1856: 72

Type genus: *Gymnopleurus* Illiger, 1803: 199

Remark: Although this family-group name was not originally proposed in a Latinized form, it has subsequently been Latinized by numerous authors and should be considered available under Article 11.7.2.

Tribe EURYSTERNINI Vulcano, Martínez, and Pereira, 1961

Original spelling and citation: Eurysternini Vulcano, Martínez, and Pereira 1961: 268

Type genus: *Eurysternus* Dalman, 1824: 8

Tribe CANTHONINI van Lansberge, 1874

Original spelling and citation: Canthonides van Lansberge 1874b: 184

Type genus: *Canthon* Hoffmannsegg, 1817: 38

Remark: Although this family-group name was not originally proposed in a Latinized form, it has subsequently been Latinized by numerous authors and should be considered available under Article 11.7.2. Two family-group names have been used for taxa within this tribe that were not originally Latinized and have not been subsequently Latinized and accepted as valid. These names are unavailable: Epirinides (van Lansberge 1874b: 189) and Minthophilides (Lacordaire 1856: 80). From the context of van Lansberge (1874b), all his “tribu” names with the “-ides” suffix are French vernacular names (some have accents).

Synonym: Deltochilini Lacordaire, 1856

Original spelling and citation: Deltochilides Lacordaire, 1856: 78

Type genus: *Deltochilum* Eschscholtz, 1822: 37

Remark: Although this family-group name was not originally proposed in a Latinized form, it was subsequently Latinized by Germain (1903: 354) and should be considered available under Article 11.7.2. Although Deltochilini has priority over Canthonini, the latter is in prevailing usage at the tribal level and must not be displaced by the older name (Article 35.5).

Synonym: Epilissini van Lansberge, 1874

Original spelling and citation: Epilissides van Lansberge, 1874: 188 (van Lansberge 1874b)

Type genus: *Epilissus* Dejean, 1836: 151

Remark: Although this family-group name was not originally proposed in a Latinized form, it was subsequently been Latinized by Lebis (1953: 107) and should be considered available under Article 11.7.2.

Synonym: Panelini Arrow, 1931

Original spelling and citation: Panelini Arrow 1931: 404

Type genus: *Panelus* Lewis, 1895: 375

Tribe COPRINI Leach, 1815

Original spelling and citation: Coprides Leach 1815a: 96

Type genus: *Copris* Geoffroy, 1762: 59

Synonym: *Coptodactylini* Janssens, 1946

Original spelling and citation: *Coptodactylides* Janssens 1946: 13

Type genus: *Coptodactyla* Burmeister, 1846: [3]

Tribe ATEUCHINI Laporte, 1840

Original spelling and citation: *Ateuchites* Laporte 1840: 63

Type genus: *Ateuchus* Weber, 1801: 10

Remark: Although this family-group name was not originally proposed in a Latinized form, it has subsequently been Latinized by numerous authors and should be considered available under Article 11.7.2. *Dichotomides* (Halffter 1961: 228) and *Dichotomiini* (Halffter and Matthews 1966: 256) were used as a family-group name for taxa within this tribe but neither was described or validated in any code compliant way, therefore the name is unavailable.

Synonym: *Scatonomini* Lacordaire, 1856

Original spelling and citation: *Scatonomides* Lacordaire, 1856: 87

Type genus: *Scatonomus* Erichson, 1835: 256

Remark: Although this family-group name was not originally proposed in a Latinized form, it was subsequently been Latinized by Harold (1867a: 9) and should be considered available under Article 11.7.2.

Synonym: *Choeridiini* Harold, 1867

Original spelling and citation: *Choerididae* Harold 1867a: 9

Type genus: *Choeridium* LePeletier and Serville, 1828: 536 (LePeletier and Serville, 1828a)

Synonym: *Pinotini* Kolbe, 1905

Original spelling and citation: *Pinotinae* Kolbe 1905: 548

Type genus: *Pinotus* Erichson, 1847: 108 (Erichson 1847a)

Tribe ONITICELLINI Kolbe, 1905

Original spelling and citation: *Oniticellini* Kolbe 1905: 547

Type genus: *Oniticellus* Dejean, 1821: 53

Subtribe DREPANOCERINA van Lansberge, 1875

Original spelling and citation: *Drèpanocérides* van Lansberge 1875: 14

Type genus: *Drepanocerus* Kirby, 1828: 521

Remark: Although this family-group name was not originally proposed in a Latinized form, it has subsequently been Latinized by numerous authors and should be considered available under Article 11.7.2. Although *Drepanocerina* has priority over *Oniticellini*, the later is in prevailing usage at the tribal level and must not be displaced by the older name (Article 35.5).

Subtribe ONITICELLINA Kolbe, 1905

Original spelling and citation: *Oniticellini* Kolbe 1905: 547

Type genus: *Oniticellus* Dejean, 1821: 53

Subtribe HELICTOPLEURINA Janssens, 1946

Original spelling and citation: *Helictopleurides* Janssens 1946: 11

Type genus: *Helictopleurus* d'Orbigny, 1915: 402

Tribe ONITINI Laporte, 1840

Original spelling and citation: *Onitides* Laporte 1840: 88

Type genus: *Onitis* Fabricius, 1798: 25

Remark: Although this family-group name was not originally proposed in a Latinized form, it has subsequently been Latinized by numerous authors and should be considered available under Article 11.7.2.

Tribe ONTHOPHAGINI Burmeister, 1846

Original spelling and citation: *Onthophagidae* Burmeister 1846: [1]

Type genus: *Onthophagus* Latreille, 1802: 141

Synonym: *Alloscelini* Janssens, 1946

Original spelling and citation: *Alloscelides* Janssens 1946: 10

Type genus: *Alloscelus* Boucomont, 1923: 1

Tribe SCARABAEINI Latreille, 1802

Original spelling and citation: *Scarabæides* Latreille 1802: 144

Type genus: *Scarabaeus* Linnaeus, 1758: 345

Synonym: *Pachysomatini* Ferreira, 1953

Original spelling and citation: *Pachysomides* Ferreira, 1953: 8

Type genus: *Pachysoma* MacLeay, 1821: 507

Synonym: *Actinophorini* Ádám, 2003

Original spelling and citation: *Actinophorini* Ádám 2003: 130

Type genus: *Actinophorus* Creutzer, 1799: 79*

Remark: The genus *Actinophorus* is a junior synonym of *Scarabaeus* therefore the family-group name *Actinophorini* is a synonym of *Scarabaeini*.

Tribe PHANAEINI Kolbe, 1905

Original spelling and citation: *Phanaeinae* Kolbe 1905: 550

Type genus: *Phanaeus* MacLeay, 1819: 124

Tribe SISYPHINI Mulsant, 1842

Original spelling and citation: *Sisyphaires* Mulsant 1842: 41

Type genus: *Sisyphus* Latreille, 1807: 79

Remark: Although this family-group name was not originally proposed in a Latinized form, it has subsequently been Latinized by numerous authors and should be considered available under Article 11.7.2. The original spelling of the type genus is *Sisyphæ*, however, the incorrect subsequent spelling *Sisyphus* is in prevailing usage and should be considered the correct original spelling (Article 33.3.1).

†**Subfamily PROTOTROGINAE Nikolajev, 2000**

Original spelling and citation: *Prototroginae* Nikolajev 2000a: 63

Type genus: *Prototrox* Nikolajev, 2000: 65 (Nikolajev 2000a)

†**Subfamily CRETOSCARABAEINAE Nikolajev, 1995**

Original spelling and citation: *Cretoscarabaeinae* Nikolajev 1995b: 147

Type genus: *Cretoscarabaeus* Nikolajev, 1995: 147 (Nikolajev 1995b)

Subfamily DYNAMOPODINAE Arrow, 1911

Original spelling and citation: *Dynamopinæ* Arrow 1911b: 611

Type genus: *Dynamopus* Semenov-Tian-Shanskij, 1895: 336

Remark: Lawrence and Newton (1995) corrected the stem of this family-group name.

Subfamily PHAENOMERIDINAE Erichson, 1847

Original spelling and citation: *Phaenomerini* Erichson 1847b: 655

Type genus: *Phaenomeris* Hope, 1833: 62

Remark: The International Commission on Zoological Nomenclature (1962) emended the stem of this family-group name from *Phaenomer-* to *Phaenomerid-* thus removing it from homonymy with another family-group name. In this ruling, “Ohaus, 1913” was erroneously given as the original author of this family-group name.

Subfamily ORPHNINAE Erichson, 1847

Original spelling and citation: *Orphnidae* Erichson 1847a: 111

Type genus: *Orphnus* MacLeay, 1819: 119

Tribe ORPHNINI Erichson, 1847

Original spelling and citation: *Orphnidae* Erichson 1847a: 111

Type genus: *Orphnus* MacLeay, 1819: 119

Remark: Hybalites (Jacquelin du Val and Fairmaire 1859: 31) was used for taxa within this tribe but this family-group name was not originally Latinized and has not been subsequently Latinized and accepted as valid, therefore it is unavailable. From the context of Jacquelin du Val and Fairmaire (1859), all their “Groupe” names are French vernacular names (some have accents) even though they have the “-ites” suffix.

Tribe AEGIDIINI Paulian, 1984

Original spelling and citation: Aegidiinae Paulian 1984: 68

Type genus: *Aegidium* Westwood, 1845: 440 (Westwood 1845a)

Remark: The type genus was described three times in 1845 by Westwood (1845a: 440, 1845c: 158) and Blanchard (1845: 221). The earliest known publication dates for these papers are as follows: Westwood 1845a: 1 June 1845 (Evenhuis 2003), Blanchard 1845: 28 June 1845 (Evenhuis 1997), and Westwood 1845c: 25 November 1845 (Wheeler 1912). Therefore Westwood (1845a) has priority and must be considered the publication that first made *Aegidium* available under the ICZN.

Subfamily ALLIDIOSTOMATINAE Arrow, 1940

Original spelling and citation: Allidiostomidae Arrow 1940: 16

Type genus: *Allidiostoma* Arrow, 1940: 16

Remark: Lawrence and Newton (1995) corrected the stem of this family-group name.

Synonym: Idiostomatinae Arrow, 1904

Original spelling and citation: Idiostominae Arrow 1904: 747

Type genus: *Idiostoma* Arrow, 1904: 740

Remark: This family-group name is permanently invalid because the type genus, *Idiostoma* Arrow, 1904, is a junior homonym of *Idiostoma* Walsingham, 1882 (Lepidoptera) (Article 39). *Allidiostoma* Arrow, 1940 was proposed as a replacement name for *Idiostoma* Arrow, 1904.

Subfamily ACLOPINAE Blanchard, 1850

Original spelling and citation: Aclopitae Blanchard 1850: 96

Type genus: *Aclopus* Erichson, 1835: 259

Tribe ACLOPINI Blanchard, 1850

Original spelling and citation: Aclopitae Blanchard 1850: 96

Type genus: *Aclopus* Erichson, 1835: 259

Tribe PHAENOGNATHINI Iablokoff-Khnzorian, 1977

Original spelling and citation: Phaenognathini Iablokoff-Khnzorian 1977: 137

Type genus: *Phaenognatha* Hope, 1842: 45 (Hope 1842b)

Remark: The genus was spelled *Phaenognathus* and *Phaenognatha* in the paper validating the name but the later spelling is in prevailing usage and is the correct spelling (Allsopp 1981).

†Tribe HOLCOROBEINI Nikolajev, 1992

Original spelling and citation: Holcorobeini Nikolajev 1992: 81

Type genus: *Holcorobeus* Nikritin, 1977: 127

Remark: The type genus was spelled both *Holcorobeus* (6 times) and *Holcoribeus* (1 time) in the paper containing the original description. *Holcorobeus* is obviously the intended spelling and has been adapted by subsequent authors, therefore this should be considered the correct spelling.

Subfamily MELOLONTHINAE Leach, 1819

Original spelling and citation: Melolonthidæ Leach in Samouelle 1819: 189

Type genus: *Melolontha* Fabricius, 1775: 31

Remark: This family-group name was proposed in a publication by Samouelle (1819) but was attributed by Samouelle to Leach. Therefore Leach is the author of the name but “Leach in Samouelle” can also be used to facilitate information retrieval as

suggested in Recommendation 51E of the ICZN. Leach (Samouelle 1819) and MacLeay (1819) both used Melolonthidae in the same year. Samouelle was published first (June 1819) and MacLeay later (November 1819) so Leach in Samouelle has priority and should be credited with authorship of this name. The publication dates of these references were reported in the “Catalogue of the Library of the Linnean Society” in Transactions of the Linnean Society and in Evenhuis (1997) (both from independent sources). The type genus, *Melolontha* Fabricius, 1775, is not a junior homonym of *Melolontha* Geoffroy, 1762. The Geoffroy name was suppressed for the purposes of the Principle of Priority and the Principle of Homonymy (ICZN 1994).

Tribe PACHYPODINI Erichson, 1840

Original spelling and citation: Pachypoden Erichson 1840: 29

Type genus: *Pachypus* Dejean, 1821: 57

Remark: Although this family-group name was not originally proposed in a Latinized form, it has subsequently been Latinized by numerous authors and should be considered available under Article 11.7.2. Billberg (1820: 390) used the name *Pachypus* prior to Dejean (1821), but this name was not made available under the ICZN in that publication. Therefore, Dejean (1821) is the author of the genus and it is not a junior homonym.

Tribe LICHNIINI Burmeister, 1844

Original spelling and citation: Lichniadae Burmeister 1844: 8

Type genus: *Lichnia* Erichson, 1835: 269

Tribe EUCHIRINI Hope, 1840

Original spelling and citation: Eucheiridae Hope 1840: 300

Type genus: *Euchirus* Kirby, 1828: 636 (Kirby and Spence 1828)

Remark: The incorrect subsequent spelling *Eucheirus* originated with Hope (1837: 24) and should not be used.

Tribe SYSTELLOPINI Sharp, 1877

Original spelling and citation: Systellopides Sharp 1877: 311

Type genus: *Systellopus* Sharp, 1877: 315

Tribe CHASMATOPTERINI Lacordaire, 1856

Original spelling and citation: Chasmatoptérides Lacordaire 1856: 220

Type genus: *Chasmatopterus* Dejean, 1821: 60

Remark: Although this family-group name was not originally proposed in a Latinized form, it has subsequently been Latinized by numerous authors and should be considered available under Article 11.7.2.

Tribe ONCERINI LeConte, 1861

Original spelling and citation: Oncerini LeConte 1861: 133

Type genus: *Oncerus* LeConte, 1856: 283 (LeConte 1856a)

Tribe PODOLASIINI Howden, 1997

Original spelling and citation: Podolasiini Howden 1997: 224

Type genus: *Podolasia* Harold, 1869: 122

Synonym: Lasiopodini LeConte, 1856

Original spelling and citation: Lasiopodes LeConte 1856a: 282

Type genus: *Lasiopus* LeConte, 1856: 282 (LeConte 1856a)

Remark: This family-group name is permanently invalid because the type genus, *Lasiopus* LeConte, 1856, is a junior homonym of *Lasiopus* Schönherr, 1823 (Coleoptera: Curculionidae) and *Lasiopus* Geoffroy, 1835 (Mammalia) (Article 39). *Podolasia* Harold, 1869 was proposed as a replacement name for *Lasiopus* LeConte, 1856.

Tribe ABLABERINI Blanchard, 1850

Original spelling and citation: Ablaberitae Blanchard 1850: 100

Type genus: *Ablabera* Dejean, 1833: 159

Synonym: Camentini Machatschke, 1959

Original spelling and citation: Camentini Machatschke 1959: 743

Type genus: *Camenta* Erichson, 1847: 695 (Erichson 1847*b*)

Tribe SERICINI Kirby, 1837

Original spelling and citation: Sericidae Kirby 1837: 128

Type genus: *Serica* MacLeay, 1819: 146

Remark: Hope (1837) and Kirby (1837) both used Sericidae in the same year and the Hope (1837) paper refers to the Kirby (1837) paper. This is internal evidence in Hope (1837) that the Kirby (1837) paper was published first so Kirby should be credited with authorship of this family-group name.

Subtribe PHYLLOTOCINA Burmeister, 1855

Original spelling and citation: Phyllotocidae Burmeister 1855: 182

Type genus: *Phyllotocus* Fisher von Waldheim, 1823: 255

Subtribe SERICINA Kirby, 1837

Original spelling and citation: Sericidae Kirby 1837: 128

Type genus: *Serica* MacLeay, 1819: 146

Remark: *Omalopliites* (Blanchard 1845: 212) was used for taxa within this tribe but this family-group name was not originally Latinized and has not been subsequently Latinized and accepted as valid, therefore it is unavailable. From the context of Blanchard (1845), all his “Famille” and “Groupe” names with the “-ides” and “-ites” suffixes respectively are French vernacular names (some have accents).

Synonym: *Homalopliina* Burmeister, 1855

Original spelling and citation: *Homalopliidae* Burmeister 1855: 147

Type genus: *Homaloplia* Agassiz, 1847: 258

Remark: The type genus is an unjustified emendation of *Omaloplia* Schönherr, 1817. Since the emended spelling is not in prevailing usage this name should be considered as a separate, available name. Erichson (1847*b*: 700) used *Homaloplia* in the same year as Agassiz (1847) but the exact publication dates of these works are unclear. Agassiz (1847) is dated 1846 on the cover page so I am assuming that it came out early in the following year.

Synonym: *Astaenina* Burmeister, 1855

Original spelling and citation: *Astaenidae* Burmeister 1855: 123

Type genus: *Astaena* Erichson, 1847: 101 (Erichson 1847*a*)

Subtribe TROCHALINA Brenske, 1898

Original spelling and citation: *Trochalinae* Brenske 1898: 354

Type genus: *Trochalus* Laporte, 1832: [1] (Laporte 1832*c*)

Tribe PHYLLOTOCIDIINI Britton, 1957

Original spelling and citation: *Phyllotocidiini* Britton 1957: 9

Type genus: *Phyllotocidium* Blackburn, 1898: 24

Tribe DIPHUCEPHALINI Laporte, 1840

Original spelling and citation: *Diphucephalites* Laporte 1840: 145

Type genus: *Diphucephala* Dejean, 1821: 58

Remark: Although this family-group name was not originally proposed in a Latinized form, it has subsequently been Latinized by numerous authors and should be considered available under Article 11.7.2.

Tribe COMOPHORININI Britton, 1957

Original spelling and citation: *Comophorini* Britton 1957: 10

Type genus: *Comophorina* Strand, 1928: 3

Tribe STETHASPINI Burmeister, 1855

Original spelling and citation: *Stethaspididae* Burmeister 1855: 218

Type genus: *Stethaspis* Hope, 1837: 40

Remark: Although *Stethaspini* has not been used in any publication since before 1900 and *Xylonichini* has been used recently as a valid tribe, a reversal of precedence (Article 23.9) cannot be used to preserve the latter. *Xylonichini* has not been used as a valid name in at least 25 works published by at least 10 authors in the immediately preceding 50 years. Therefore, *Stethaspini* must be considered the valid name for this tribe.

Synonym: *Xylonichini* Britton, 1957

Original spelling and citation: *Xylonychini* Britton 1957: 9

Type genus: *Xylonichus* Boisduval, 1835: 186

Remark: Two spellings have been used for the type genus: *Xylonichus*, the original spelling and *Xylonychus*, an incorrect subsequent spelling. The incorrect subsequent spelling was used to form the family-group name. Since neither spelling is in prevailing usage (Britton 1957, Houston and Weir 1992) the original spelling should be used as the correct one. Therefore, the family-group name must be emended to match the original and correct spelling of the type genus (Article 35.4.1).

Tribe AUTOMOLIINI Britton, 1978

Original spelling and citation: *Automoliini* Britton 1978: 7

Type genus: *Automolius* Britton, 1978: 7

Remark: This genus-group name and family-group name are replacement names for *Automolus* Burmeister, 1855 (a junior homonym) and *Automolini* Britton, 1957.

Synonym: *Caulobiini* Burmeister, 1855

Original spelling and citation: *Caulobiina* Burmeister 1855: 204

Type genus: *Caulobius* Le Guillou, 1844: 224

Remark: This family-group name is permanently invalid because the type genus, *Caulobius* Le Guillou, 1844, is a junior homonym of *Caulobius* Duponchel, 1838 (Lepidoptera) (Article 39). *Deuteroaulobius* Dalla Torre, 1912 was proposed as a replacement name for *Caulobius* Le Guillou, 1844.

Synonym: *Automolini* Britton, 1957

Original spelling and citation: *Automolini* Britton 1957: 9

Type genus: *Automolus* Burmeister, 1855: 202

Remark: This family-group name is permanently invalid because the type genus, *Automolus* Burmeister, 1855, is a junior homonym of *Automolus* Reichenbach, 1853 (Aves). Consequently the genus-group name and associated family-group name were both replaced by Britton (1978) (see *Automoliini* above).

Tribe MAECHIDIINI Burmeister, 1855

Original spelling and citation: *Maechidiina* Burmeister 1855: 208

Type genus: *Maechidius* MacLeay, 1819: 140

Tribe LIPARETRINI Burmeister, 1855

Original spelling and citation: *Liparetridae* Burmeister 1855: 187

Type genus: *Liparetrus* Guérin-Méneville, 1831: 3

Synonym: *Haplonychini* Burmeister, 1855

Original spelling and citation: *Haplonychidae* Burmeister 1855: 224

Type genus: *Haplonycha* Dejean, 1836: 179

Remark: The original spelling of the type genus is *Aplonycha* but Agassiz (1847: 29) made the unjustified emendation to *Haplonycha*. Since this unjustified emendation is in prevailing usage, it should be considered a justified emendation (Article 33.2.3.1). Britton (1986) commented that this generic name was not made available from where it first appeared in text (in Dejean 1833). Although this is correct, Britton overlooked the next edition (Dejean 1836) of the Dejean catalogue, which does properly validate this name. *Haplonycha* Dejean, 1836 is currently considered to be a junior synonym of *Colpochila* Erichson, 1843.

Synonym: Allarini Britton, 1955

Original spelling and citation: Allarini Britton 1955: 125

Type genus: *Allara* Britton, 1955: 124

Synonym: Colpochilini Britton, 1957

Original spelling and citation: Colpochilini Britton 1957: 10

Type genus: *Colpochila* Erichson, 1843: 195

Tribe SCITALINI Britton, 1957

Original spelling and citation: Scitalini Britton 1957: 10

Type genus: *Scitala* Erichson, 1842; 166

Tribe PACHYTRICHINI Burmeister, 1855

Original spelling and citation: Pachytrichiadae Burmeister 1855: 241

Type genus: *Pachytricha* Hope, 1841: 303

Tribe SERICOIDINI Erichson, 1847

Original spelling and citation: Sericoideae Erichson 1847a: 102

Type genus: *Sericoides* Guérin-Méneville, 1840: 301

Tribe HETERONYCHINI Lacordaire, 1856

Original spelling and citation: Hétéronychides Lacordaire 1856: 225

Type genus: *Heteronyx* Guérin-Méneville, 1831: 3

Remark: Although this family-group name was not originally proposed in a Latinized form, it has subsequently been Latinized by numerous authors and should be considered available under Article 11.7.2.

Tribe DIPLOTAXINI Kirby, 1837

Original spelling and citation: Diplotaxidae Kirby 1837: 129

Type genus: *Diplotaxis* Kirby, 1837: 129

Synonym: Apogoniini Blanchard, 1851

Original spelling and citation: Apogoniitae Blanchard 1851: 228

Type genus: *Apogonia* Kirby, 1819: 401 (Kirby 1819a)

Synonym: Liogenini Blanchard, 1851

Original spelling and citation: Liogenitae Blanchard 1851: 166

Type genus: *Liogenys* Guérin-Méneville, 1831: 3

Tribe MELOLONTHINI Leach, 1819

Original spelling and citation: Melolonthidae Leach in Samouelle 1819: 189

Type genus: *Melolontha* Fabricius, 1775: 31

Subtribe SCHIZONYCHINA Burmeister, 1855

Original spelling and citation: Schizonychidae Burmeister 1855: 265

Type genus: *Schizonycha* Dejean, 1833: 161

Subtribe ENARIINA Dewailly, 1950

Original spelling and citation: Enarina Dewailly 1950: 323

Type genus: *Enaria* Erichson, 1847: 657 (Erichson 1847b)

Subtribe HEPTOPHYLLINA Medvedev, 1951

Original spelling and citation: Heptophyllini Medvedev 1951: 197

Type genus: *Heptophylla* Motschulsky, 1858: 32

Subtribe PEGYLINA Lacroix, 1989

Original spelling and citation: Pegylini Lacroix 1989: 115

Type genus: *Pegylis* Erichson, 1847: 657 (Erichson 1847b)

Subtribe RHIZOTROGINA Burmeister, 1855

Original spelling and citation: Rhizotrogidae Burmeister 1855: 308

Type genus: *Rhizotrogus* Latreille, 1825: 371

Remark: The original spelling of the type genus is *Rhizotrogue* but Berthold (1827) made the unjustified emendation to *Rhizotrogus*. Since this unjustified emendation is in prevailing usage, it should be considered a justified emendation (Article 33.2.3.1) (see Branco 2006 for more details).

Subtribe LEUCOPHOLINA Burmeister, 1855

Original spelling and citation: Leucopholidae Burmeister 1855: 285

Type genus: *Leucopholis* Dejean, 1833: 160

Subtribe MELOLONTHINA Leach, 1819

Original spelling and citation: Melolonthidæ Leach in Samouelle 1819: 189

Type genus: *Melolontha* Fabricius, 1775: 31

Synonym: Polyphyllina Burmeister, 1855

Original spelling and citation: Polyphyllidae Burmeister 1855: 397

Type genus: *Polyphylla* Harris, 1841: 30

Synonym: Tostegoptera LeConte, 1861

Original spelling and citation: Tostegopterae LeConte 1861: 139

Type genus: *Tostegoptera* Blanchard, 1851: 149

Synonym: Psilonychini Péringuey, 1904

Original spelling and citation: Psilonychides Péringuey, 1904: 184

Type genus: *Psilonychus* Burmeister, 1855: 288

Tribe PACHYDEMNI Burmeister, 1855

Original spelling and citation: Pachydemidae Burmeister 1855: 437

Type genus: *Pachydema* Laporte, 1832: [1] (Laporte 1832*b*)

Remark: Calicnémites (Blanchard 1845: 219) was used for taxa within this tribe but this family-group name was not originally Latinized and has not been subsequently Latinized and accepted as valid, therefore it is unavailable. From the context of Blanchard (1845), all his “Famille” and “Groupe” names with the “-ides” and “-ites” suffixes respectively are French vernacular names (some have accents).

Synonym: Elaphocerini Blanchard, 1851

Original spelling and citation: Elaphoceritæ Blanchard 1851: 164

Type genus: *Elaphocera* Gené, 1836: 188

Remark: Although Elaphocerini has priority over Pachydemini, the later is in prevailing usage and must be considered the valid using a reversal of precedence (Article 23.9). Elaphocerini has not been used as a valid name after 1899. Therefore, I invoke Article 23.9.2 and provide evidence that Pachydemini has been used as a valid name 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. In compliance with the requirements of the Code, the following list of qualified publications, in chronological order, used Pachydemini as a valid family-group name, which is sufficient evidence that it is in prevailing usage: Petrovitz 1968; Martínez 1972; Martínez 1973; Frey 1974*a*; Frey 1974*b*; Martínez 1975; Hardy 1978; Baraud 1979; Baraud 1982; Martínez 1982; Baraud 1985; López Colón 1986; López Colón 1989; Baraud 1991; Baraud and Branco 1991; Chavanon and Zirari 1998; Sabatinelli and Pontuale 1998; Nikolajev 2000*c*; Lacroix 2001; Vincini, López, Alvarez-Castillo, Carmona, Manetti, and Morón 2001; Keith 2002; Miessen and Cludts 2002; Lacroix 2003; Montreuil 2003; Sanmartín 2003; Sanmartín and Martín-Piera 2003; Keith and Montreuil 2004; Lacroix 2004; Keith 2005; Lacroix 2005; Smith and Evans 2005.

Synonym: Achloini Burmeister, 1855

Original spelling and citation: Achloidae Burmeister 1855: 465

Type genus: *Achloa* Erichson, 1840: 41

Synonym: Cephalotrichiini Burmeister, 1855

Original spelling and citation: Cephalotrichiadae Burmeister 1855: 433

Type genus: *Cephalotrichia* Hope, 1837: 39

Synonym: Leptopodini Burmeister, 1855

Original spelling and citation: Leptopodidae Burmeister 1855: 428

Type genus: *Leptopus* Dejean, 1833: 159

Remark: This family-group name is permanently invalid because the type genus, *Leptopus* Dejean, 1833, is a junior homonym of *Leptopus* Latreille, 1809 (Hemiptera), *Leptopus* Rafinesque, 1814 (Pisces), *Leptopus* Lamarck, 1818 (Crustacea), and *Leptopus* Fallén, 1823 (Diptera) (Article 39).

Synonym: Macrophyllini Burmeister, 1855

Original spelling and citation: Macrophyllidae Burmeister 1855: 447

Type genus: *Macrophylla* Hope, 1837: 103

Synonym: Sparrmanniini Péringuey, 1904

Original spelling and citation: Sparrmannini Péringuey 1904: 115

Type genus: *Sparrmannia* Laporte, 1840: 132

Remark: Although *Sparrmannia* was the original spelling of this genus, *Sparrmannia* is in prevailing usage and should be considered the correct spelling (see Evans 1989).

Tribe MACRODACTYLINI Kirby, 1837

Original spelling and citation: Macroductylidae Kirby 1837: 133

Type genus: *Macroductylus* Dejean, 1821: 58

Remark: *Philochlénides* (Lacordaire 1856: 256) was used for taxa within this tribe but was not originally Latinized and has not been subsequently Latinized and accepted as valid, therefore it is unavailable.

Synonym: Ceraspini Burmeister, 1855

Original spelling and citation: Ceraspididae Burmeister 1855: 91

Type genus: *Ceraspis* LePeletier and Serville, 1828: 370 (LePeletier and Serville, 1828*a*)

Synonym: Dichelonychini Burmeister, 1855

Original spelling and citation: Dichelonychidae Burmeister 1855: 70

Type genus: *Dichelonyx* Harris, 1827: 7

Synonym: Dicraniini Burmeister, 1855

Original spelling and citation: Dicraniadae Burmeister 1855: 65

Type genus: *Dicrania* LePeletier and Serville, 1828: 371 (LePeletier and Serville, 1828*a*)

Synonym: Isonychini Burmeister, 1855

Original spelling and citation: Isonychidae Burmeister 1855: 22

Type genus: *Isonychus* Mannerheim, 1829: 69

Synonym: Microcraniini Burmeister, 1855

Original spelling and citation: Microcraniadae Burmeister 1855: 75

Type genus: *Microcrania* Burmeister, 1855: 75

Synonym: Plectrini Burmeister, 1855

Original spelling and citation: Plectridae Burmeister 1855: 80

Type genus: *Plectris* LePeletier and Serville, 1828: 369 (LePeletier and Serville, 1828*a*)

Synonym: Clavipalpini Lacordaire, 1856

Original spelling and citation: Clavipalpides Lacordaire, 1856: 267

Type genus: *Clavipalpus* Laporte, 1832: 406 (Laporte 1832*a*)

Remark: Clavipalpides (Lacordaire 1856: 267) and Clavipalpidae / Clavipalpides (Imhoff 1856: 12) were both used in the same year. The Imhoff (1856) paper refers to the Lacordaire (1856) paper numerous times. This is internal evidence in Imhoff (1856) that the Lacordaire (1856) paper was published first so Lacordaire should be credited with authorship of this family-group name. Although this family-group name was not originally proposed in a Latinized form it has subsequently been Latinized and should be considered available under Article 11.7.2.

Tribe DIPHYCERINI Medvedev, 1952

Original spelling and citation: Diphycerini Medvedev 1952: 186

Type genus: *Diphycerus* Deyrolle and Fairmaire, 1878: 100

Tribe HOPLIINI Latreille, 1829

Original spelling and citation: Hopliides Latreille 1829: 563

Type genus: *Hoplia* Illiger, 1803: 226

Subtribe PACHYCNEMINA Laporte, 1840

Original spelling and citation: Pachyknémides Laporte 1840: 155

Type genus: *Pachycnema* LePeletier and Serville, 1828: 375 (LePeletier and Serville 1828a)

Remark: Although this family-group name was not originally proposed in a Latinized form, it has subsequently been Latinized by numerous authors and should be considered available under Article 11.7.2.

Synonym: Anisonychina Burmeister, 1844

Original spelling and citation: Anisonychidae Burmeister 1844: 40

Type genus: *Anisonyx* Latreille, 1807: 119

Subtribe HOPLIINA Latreille, 1829

Original spelling and citation: Hopliides Latreille 1829: 563

Type genus: *Hoplia* Illiger, 1803: 226

Remark: Madahopliini Lacroix 1997: 21 was used but the family-group name was not based on an available genus-group name and is therefore unavailable. *Madahoplia* Lacroix, 1998: 551 was not described until the following year.

Synonym: Gymnolomina Burmeister, 1844

Original spelling and citation: Gymnolomidae Burmeister 1844: 138

Type genus: *Gymnoloma* Dejean, 1833: 167

Synonym: Heterochelina Burmeister, 1844

Original spelling and citation: Heterochelidae Burmeister 1844: 86

Type genus: *Heterochelus* Burmeister, 1844: 87

Synonym: Lepisiina Burmeister, 1844

Original spelling and citation: Lepisiidae Burmeister 1844: 166

Type genus: *Lepisia* LePeletier and Serville, 1828: 374 (LePeletier and Serville 1828a)

Synonym: Scelophysina Péringuey, 1902

Original spelling and citation: Scelophysides Péringuey, 1902: 624

Type genus: *Scelophysa* Burmeister, 1844: 168

Tribe COLYMBOMORPHINI Blanchard, 1850

Original spelling and citation: Colymbomorphytae Blanchard 1850: 97

Type genus: *Colymbomorpha* Blanchard, 1850: 98

Tribe TANYPROCTINI Erichson 1847

Original spelling and citation: Tanyproctini Erichson 1847b: 653

Type genus: *Tanyproctus* Ménétries, 1832: 185

†**Tribe CRETOMELOLONTHINI Nikolajev, 1998**

Original spelling and citation: Cretomelolonthini Nikolajev 1998: 80

Type genus: *Cretomelolontha* Nikolajev, 1998: 81

Subfamily RUTELINAE MacLeay, 1819

Original spelling and citation: Rutelidae MacLeay 1819: 69

Type genus: *Rutela* Latreille, 1802: 151

Tribe RUTELINI MacLeay, 1819

Original spelling and citation: Rutelidae MacLeay 1819: 69

Type genus: *Rutela* Latreille, 1802: 151

Subtribe AREODINA Burmeister, 1844

Original spelling and citation: Areodidae Burmeister 1844: 423

Type genus: *Areoda* MacLeay, 1819: 158

Subtribe HETEROSTERNINA Bates, 1888

Original spelling and citation: Heterosterninae Bates 1888: 286

Type genus: *Heterosternus* Dupont, 1832: 10

Synonym: Macropnina Horn, 1866

Original spelling and citation: Macropni Horn 1866: 398

Type genus: *Macropnus* Horn, 1866: 397

Remark: Although Macropnina has priority over Heterosternina, the later is in prevailing usage and must be considered the valid using a reversal of precedence (Article 23.9). Macropnina has not been used as a valid name since it was first proposed. Therefore, I invoke Article 23.9.2 and provide evidence that Heterosternina has been used as a valid name 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. In compliance with the requirements of the Code, the following list of qualified publications, in chronological order, used Heterosternina as a valid family-group name, which is sufficient evidence that it is in prevailing usage: Machatschke 1972; Morón 1979; Morón 1983; Morón, Villalobos, and Deloya 1985; Morón 1987; Sigwalt 1987; Jameson 1990; Morón 1990; Morón 1991; Morón and Howden 1992; Morón 1993; Morón 1994; Delgado and Blackaller-Bages 1997; Morón 1997; Morón and Blackaller 1997; Jameson 1998; Morón, Deloya, Ramírez-Campos, and Hernández-Rodríguez 1998; Soula 1998; Delgado, Pérez, and Blackaller 2000; Morón and Nogueira 2000; Morón-Ríos and Morón 2001; Curoe and Morón 2003; Smith and Morón 2003; Paucar-Cabrera 2005; and Reyes Novelo and Morón 2005.

Subtribe DIDREPANEPHORINA Ohaus, 1918

Original spelling and citation: Didrepanephorina Ohaus 1918: 14

Type genus: *Didrepanephorus* Wood-Mason, 1878: 423

Subtribe LASIOCALINA Ohaus, 1918

Original spelling and citation: Lasiocalina Ohaus 1918: 30

Type genus: *Lasiocala* Blanchard, 1851: 220

Subtribe PARASTASIINA Burmeister, 1844

Original spelling and citation: Parastasiidae Burmeister 1844: 368

Type genus: *Parastasia* Westwood, 1841: 204 (Westwood 1841b)

Subtribe ORYCTOMORPHINA Burmeister, 1847

Original spelling and citation: Oryctomorphidae Burmeister 1847: 28

Type genus: *Oryctomorphus* Guérin-Méneville, 1831: 3

Subtribe DESMONYCHINA Arrow, 1917

Original spelling and citation: Desmonychinae Arrow 1917: 359

Type genus: *Desmonyx* Arrow, 1907: 355

Subtribe RUTELINA MacLeay, 1819

Original spelling and citation: Rutelidae MacLeay 1819: 69

Type genus: *Rutela* Latreille, 1802: 151

Synonym: Chasmodiina Burmeister, 1844
 Original spelling and citation: Chasmodiidae Burmeister 1844: 333
 Type genus: *Chasmodia* MacLeay, 1819: 155

Synonym: Chrysophorina Burmeister, 1844
 Original spelling and citation: Chrysophoridae Burmeister 1844: 412
 Type genus: *Chrysophora* Dejean, 1821: 60

Synonym: Macraspidina Burmeister, 1844
 Original spelling and citation: Macraspididae Burmeister 1844: 343
 Type genus: *Macraspis* MacLeay, 1819: 156

Synonym: Pelidnotina Burmeister, 1844
 Original spelling and citation: Pelidnotidae Burmeister 1844: 388
 Type genus: *Pelidnota* MacLeay, 1819: 157

Synonym: Anticheirina Lacordaire, 1856
 Original spelling and citation: Antichirides Lacordaire 1856: 341
 Type genus: *Anticheira* Eschscholtz, 1818: 475

Remark: Although this family-group name was not originally proposed in a Latinized form, it has subsequently been Latinized by numerous authors and should be considered available under Article 11.7.2.

Synonym: Plusiotina Bates, 1888
 Original spelling and citation: Plusiotina Bates 1888: 276
 Type genus: *Plusiotis* Burmeister, 1844: 417

Synonym: Fruhstorferiina Ohaus, 1918
 Original spelling and citation: Frusterferiina Ohaus 1918: 43
 Type genus: *Fruhstorferia* Kolbe, 1894

Tribe ANATISTINI Imhoff, 1856

Original spelling and citation: Anatistidae Imhoff, 1856: xi
 Type genus: *Anatista* Brême, 1844: 305

Remark: Although Anatistini has not been used in any publication since before 1900 and Spodochlamyini has been used recently as a valid tribe, a reversal of precedence (Article 23.9) cannot be used to preserve the latter. Spodochlamyini has not been used as a valid name in at least 25 works published by at least 10 authors in the immediately preceding 50 years. Therefore, Anatistini must be considered the valid name for this tribe.

Synonym: Spodochlamyini Ohaus, 1918: 166
 Original spelling and citation: Spodochlamyini Ohaus 1918: 166
 Type genus: *Spodochlamys* Burmeister, 1855: 528

Tribe ANOPLIGNATHINI MacLeay, 1819

Original spelling and citation: Anoplognathidae MacLeay 1819: 81
 Type genus: *Anoplognathus* Leach, 1815: 156 (Leach 1815b)

Subtribe ANOPLIGNATHINA MacLeay, 1819

Original spelling and citation: Anoplognathidae MacLeay 1819: 81
 Type genus: *Anoplognathus* Leach, 1815: 156 (Leach 1815b)

Subtribe SCHIZOZNATHINA Ohaus, 1918

Original spelling and citation: Schizognathina Ohaus 1918: 174
 Type genus: *Schizognathus* Fischer von Waldheim, 1823: 263

Subtribe PHALANGOGONIINA Ohaus, 1918

Original spelling and citation: Phalangogoniina Ohaus 1918: 176
 Type genus: *Phalangogonia* Burmeister, 1844: 451

Subtribe PLATYCOELIINA Burmeister, 1844

Original spelling and citation: Platycœliidae Burmeister 1844: 451

Type genus: *Platycœlia* Dejean, 1833: 154

Subtribe BRACHYSTERNINA Burmeister, 1844

Original spelling and citation: Brachysternidae Burmeister 1844: 455

Type genus: *Brachysternus* Guérin-Méneville, 1831: 3

Tribe GENIATINI Burmeister, 1844

Original spelling and citation: Geniatidae Burmeister 1844: 478

Type genus: *Geniates* Kirby, 1819: 401 (Kirby 1819a)

Synonym: Leucothyreini Burmeister, 1844

Original spelling and citation: Leucothyreidae Burmeister 1844: 485

Type genus: *Leucothyreus* MacLeay, 1819: 145

Tribe ALVARENGIINI Frey, 1975

Original spelling and citation: Alvarengiini Frey 1975: 84

Type genus: *Alvarengius* Frey, 1975: 84

Remark: *Pachylides* (Lacordaire 1856: 394) was used for taxa within this tribe but this family-group name was not originally Latinized and has not been subsequently Latinized and accepted as valid, therefore it is unavailable. Additionally, this name is based on the genus *Pachylus* Burmeister, 1847, which is a junior homonym.

Tribe ANOMALINI Streubel, 1839

Original spelling and citation: Anomalidae Streubel 1839: 136

Type genus: *Anomala* Samouelle, 1819: 191

Remark: The type genus, *Anomala* Samouelle, 1819, is not a junior homonym of *Anomala* von Block, 1799. The von Block name was suppressed for the purposes of the Principle of Priority and the Principle of Homonymy (ICZN 1989).

Subtribe ANOMALINA Streubel, 1839

Original spelling and citation: Anomalidae Streubel 1839: 136

Type genus: *Anomala* Samouelle, 1819: 191

Synonym: Euchlorina Hope, 1839

Original spelling and citation: Euchloridae Hope 1839: 67

Type genus: *Euchlora* MacLeay, 1819: 147

Remark: Although *Euchlorina* has priority over *Anomalina*, the later is in prevailing usage and must be considered the valid using a reversal of precedence (Article 23.9). *Euchlorina* has not been used as a valid name since it was first proposed. Therefore, I invoke Article 23.9.2 and provide evidence that *Anomalina* has been used as a valid name 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. In compliance with the requirements of the Code, the following list of qualified publications, in chronological order, used *Anomalina* (or this stem with any other family-group suffix) as a valid family-group name, which is sufficient evidence that it is in prevailing usage: Ritcher 1966; Howden and Hardy 1971; Machatschke 1971; Machatschke 1972; Machatschke 1973a; Machatschke 1973b; Woodruff 1973; Potts 1974; Potts 1977a; Potts 1977b; Jameson 1990; Ratcliffe 1991; Bader 1992; Cassis and Weir 1992; Morón 1997; Browne and Scholtz 1998; Jameson 1998; Harpootlian 2001; Micó, Verdú, and Galante 2001; Morón and Howden 2001; Ratcliffe, Jameson, and Smith 2002; Jameson, Paucar-Cabrera, and Solís 2003; Micó, Morón, and Galante 2003; Jameson and Hawkins 2005; Paucar-Cabrera 2005; Smith and Evans 2005; and Micó, Gómez, and Galante 2006.

Synonym: *Dilophochilina* Ohaus, 1918

Original spelling and citation: *Dilophochilina* Ohaus 1918: 133

Type genus: *Dilophochila* Bates, 1888: 261

Subtribe POPILLIINA Ohaus, 1918

Original spelling and citation: Popilliina Ohaus 1918: 133

Type genus: *Popillia* Dejean, 1821: 60

Subtribe ISOPLIINA Péringuey, 1902

Original spelling and citation: Isopliini Péringuey 1902: 564

Type genus: *Isoplia* Burmeister, 1855: 487

Subtribe ANISOPLIINA Burmeister, 1844

Original spelling and citation: Anisopliadae Burmeister 1844: 208

Type genus: *Anisoplia* Schönherr, 1817: 186

Subtribe LEPTHOPLIINA Potts, 1974

Original spelling and citation: Lepthopliini Potts 1974: 152

Type genus: *Leptohoplia* Saylor, 1935: 132

Remark: Potts (1974) inadvertently misspelled Leptohopliini when he erected the family-group name.

Tribe ADORETINI Burmeister, 1844

Original spelling and citation: Adoretidae Burmeister 1844: 466

Type genus: *Adoretus* Laporte, 1840: 142

Subtribe ADORRHINYPTIINA Arrow, 1917

Original spelling and citation: Adorrhinyptiini Arrow 1917: 273

Type genus: *Adorrhinyptia* Arrow, 1917: 273

Subtribe ADORETINA Burmeister, 1844

Original spelling and citation: Adoretidae Burmeister 1844: 466

Type genus: *Adoretus* Laporte, 1840: 142

Synonym: Adorodociina Ohaus, 1912

Original spelling and citation: Adorodociina Ohaus 1912a: 151

Type genus: *Adorodocia* Brenske, 1893: 1

Synonym: Adoroleptina Ohaus, 1912

Original spelling and citation: Adoroleptina Ohaus 1912a: 151

Type genus: *Adoroleptus* Brenske, 1893: 1

Synonym: Pseudadoretina Ohaus, 1912

Original spelling and citation: Pseudadoretina Ohaus 1912a: 151

Type genus: *Pseudadoretus* Semenov-Tian-Shanskij, 1889: 202

Synonym: Scaphorhinadoretina Ohaus, 1912

Original spelling and citation: Scaphorhinadoretina Ohaus 1912a: 151

Type genus: *Scaphorhinadoretus* Ohaus, 1912: 426 (Ohaus 1912a)

Subtribe PACHYRHINADORETINA Ohaus, 1912

Original spelling and citation: Pachyrhinadoretina Ohaus 1912a: 151

Type genus: *Pachyrhinadoretus* Ohaus, 1912: 509 (Ohaus 1912a)

Subtribe TRIGONOSTOMINA Ohaus, 1912

Original spelling and citation: Trigonostomina Ohaus 1912a: 151

Type genus: *Trigonostomum* Burmeister, 1844: 466

Subtribe PRODORETINA Ohaus, 1912

Original spelling and citation: ProdoRETINA Ohaus 1912a: 151

Type genus: *ProdoRETUS* Brenske, 1893: 1

Subfamily DYNASTINAE MacLeay, 1819

Original spelling and citation: Dynastidae MacLeay 1819: 64

Type genus: *Dynastes* MacLeay, 1819: 22

Tribe HEXODONTINI Lacordaire, 1856

Original spelling and citation: Hexodontides Lacordaire 1856: 391

Type genus: *Hexodon* Olivier, 1789: 1

Remark: Lacordaire (1856: 391) and Imhoff (1856: 17) both used Hexodontides in the same year and the Imhoff (1856) paper refers to the Lacordaire (1856) paper (numerous times). This is internal evidence in Imhoff (1856) that the Lacordaire (1856) paper was published first so Lacordaire should be credited with authorship of this family-group name. Although this family-group name was not originally proposed in a Latinized form, it has subsequently been Latinized by numerous authors and should be considered available under Article 11.7.2.

Tribe CYCLOCEPHALINI Laporte, 1840

Original spelling and citation: Cyclocephalites Laporte 1840: 124

Type genus: *Cyclocephala* Dejean, 1821: 57

Remark: Although this family-group name was not originally proposed in a Latinized form, it has subsequently been Latinized by numerous authors and should be considered available under Article 11.7.2.

Synonym: Chalepini Burmeister, 1847

Original spelling and citation: Chalepidae Burmeister 1847: 71

Type genus: *Chalepus* MacLeay 1819: 149

Synonym: Peltonotini Arrow, 1917

Original spelling and citation: Peltonotini Arrow 1917: 27

Type genus: *Peltonotus* Burmeister, 1847: 75

Synonym: Acrobolbiini Ohaus, 1918

Original spelling and citation: Acrobolbiina Ohaus 1918: 13

Type genus: *Acrobolbia* Ohaus, 1912: 316 (Ohaus 1912b)

Tribe DYNASTINI MacLeay, 1819

Original spelling and citation: Dynastidae MacLeay 1819: 64

Type genus: *Dynastes* MacLeay, 1819: 22

Synonym: Xylotrupini Hope, 1845

Original spelling and citation: Xylotrupidae Hope 1845: 7

Type genus: *Xylotrupes* Hope, 1837: ix

Synonym: Megasomatidae Imhoff, 1856

Original spelling and citation: Megasomidae Imhoff 1856: 19

Type genus: *Megasoma* Kirby, 1825: 566

Tribe ORYCTINI Mulsant, 1842

Original spelling and citation: Oryctésaires Mulsant 1842: 372

Type genus: *Oryctes* Illiger, 1798: 11 (Kugelann and Illiger 1798)

Remark: Although this family-group name was not originally proposed in a Latinized form, it has subsequently been Latinized by numerous authors and should be considered available under Article 11.7.2.

Synonym: Megacerini Burmeister, 1847

Original spelling and citation: Megaceridae Burmeister 1847: 212

Type genus: *Megaceras* Hope, 1837: 82

Synonym: Strategini Burmeister, 1847

Original spelling and citation: Strategidae Burmeister 1847: 87

Type genus: *Strategus* Kirby, 1828: 644 (Kirby and Spence 1828)

Tribe ORYCTODERINI Endrödi, 1966

Original spelling and citation: Oryctoderini Endrödi 1966: 25

Type genus: *Oryctoderus* Boisduval, 1835: 160

Tribe PENTODONTINI Mulsant, 1842

Original spelling and citation: Pentodonaires Mulsant 1842: 372

Type genus: *Pentodon* Hope, 1837: 30

Remark: Although this family-group name was not originally proposed in a Latinized form, it has subsequently been Latinized by numerous authors and should be considered available under Article 11.7.2.

Subtribe PENTODONTINA Mulsant, 1842

Original spelling and citation: Pentodonaires Mulsant 1842: 372

Type genus: *Pentodon* Hope, 1837: 30

Synonym: Bothynina Burmeister, 1847

Original spelling and citation: Bothynidae Burmeister 1847: 90

Type genus: *Bothynus* Hope, 1837: 30

Synonym: Pimelopodina Burmeister, 1847

Original spelling and citation: Pimelopodea Burmeister 1847: 172

Type genus: *Pimelopus* Erichson, 1842: 159

Synonym: Podalgina Burmeister, 1847

Original spelling and citation: Podalgidae Burmeister 1847: 90

Type genus: *Podalgus* Burmeister, 1847: 117

Synonym: Metanastina Carne, 1957

Original spelling and citation: Metanastini Carne 1957: 32

Type genus: *Metanastes* Arrow, 1911: 166 (Arrow 1911a)

Remark: When Carne (1957) erected this family-group name, he placed the genus *Pentodon* in it. Since *Pentodon* is the type genus of Pentodontina, Metanastini is unnecessary and should be considered a synonym of Pentodontina.

Subtribe CHEIROPLATINA Carne, 1957

Original spelling and citation: Cheiropatina Carne 1957: 61

Type genus: *Cheiropatys* Hope, 1837: 29

Subtribe DIPELICINA Carne, 1957

Original spelling and citation: Dipelicina Carne 1957: 117

Type genus: *Dipelicus* Hope, 1843: 62

Subtribe PSEUDORYCTINA Carne, 1957

Original spelling and citation: Pseudoryctina Carne 1957: 121

Type genus: *Pseudoryctes* Sharp, 1873: 267

Tribe AGAOCEPHALINI Burmeister, 1847

Original spelling and citation: Agaocephalidae Burmeister 1847: 280

Type genus: *Agaocephala* LePeletier and Serville, 1828: 570 (LePeletier and Serville, 1828a)

Remark: The original spelling of this genus is *Agacephala*, but it was later spelled *Agaocephala* by Mannerheim (1829: 56) and almost all authors since (although a few recent authors have used the original spelling). Since the incorrect subsequent spelling is in prevailing usage, it is now considered the correct original spelling of the name under Article 33.3.1.

Tribe PHILEURINI Burmeister, 1847

Original spelling and citation: Phileuridae Burmeister 1847: 138

Type genus: *Phileurus* Latreille, 1807: 103

Subtribe PHILEURINA Burmeister, 1847

Original spelling and citation: Phileuridae Burmeister 1847: 138

Type genus: *Phileurus* Latreille, 1807: 103

Subtribe CRYPTODINA Burmeister and Schaum, 1840

Original spelling and citation: Cryptodinae Burmeister and Schaum 1840: 360

Type genus: *Cryptodus* MacLeay, 1819: 138

Subfamily CETONINAE Leach, 1815

Original spelling and citation: Cetonida Leach 1815a: 99

Type genus: *Cetonia* Fabricius, 1775: 42

Remark: Although Cetoninae has priority over Melolonthinae, the later is in prevailing usage at the family level and must not be displaced by the older name under Article 35.5. This is relevant for authors who consider Melolonthidae to be a family containing the subfamily Cetoninae.

Tribe VALGINI Mulsant, 1842

Original spelling and citation: Valguaires Mulsant 1842: 519

Type genus: *Valgus* Scriba, 1790: 66

Remark: Valguaires Mulsant (1842: 718) and Valgidae Burmeister (1842: 718) were both used in the same year. Mulsant (1842) was published in August 1842 (Sherborn 1922) and the introduction to Burmeister (1842) is dated September 1842. Therefore, Mulsant (1842) was published first and should be credited with authorship of this family-group name. Although this family-group name was not originally proposed in a Latinized form, it has subsequently been Latinized by numerous authors and should be considered available under Article 11.7.2.

Subtribe MICROVALGINA Kolbe, 1904

Original spelling and citation: Microvalginae Kolbe, 1904: 10

Type genus: *Microvalgus* Kraatz, 1883: 374

Subtribe VALGINA Mulsant, 1842

Original spelling and citation: Valguaires Mulsant 1842: 519

Type genus: *Valgus* Scriba, 1790: 66

Synonym: Acanthovalgina Kolbe, 1904

Original spelling and citation: Acanthovalginae Kolbe 1904: 11

Type genus: *Acanthovalgus* Kraatz, 1895: 444

Synonym: Cosmovalgina Kolbe, 1904

Original spelling and citation: Cosmovalginae Kolbe 1904: 11

Type genus: *Cosmovalgus* Kolbe, 1897: 204

Synonym: Dasyvalgina Kolbe, 1904

Original spelling and citation: Dasyvalginae Kolbe 1904: 11

Type genus: *Dasyvalgus* Kolbe, 1904: 34

Synonym: Ischnovalgina Kolbe, 1904

Original spelling and citation: Ischnovalginae Kolbe 1904: 9

Type genus: *Ischnovalgus* Kolbe, 1897: 190

Synonym: Sphinctovalgina Kolbe, 1904

Original spelling and citation: Sphinctovalginae Kolbe 1904: 9

Type genus: *Sphinctovalgus* Kolbe, 1904: 51

Tribe TRICHIINI Fleming, 1821

Original spelling and citation: Trichiidae Fleming 1821: 50

Type genus: *Trichius* Fabricius, 1775: 40

Remark: Trichiinae Lozek, 1956 (Mollusca: Gastropoda) is a junior homonym of this family-group name. A recent case to the International Commission on Zoological Nomenclature to emend the spelling of the gastropod to remove it from homonymy was not approved (ICZN 2004).

Subtribe CRYPTODONTINA Lacordaire, 1856

Original spelling and citation: Cryptodontides Lacordaire 1856: 462

Type genus: *Cryptodontes* Burmeister, 1847: 292

Remark: Although this family-group name was not originally proposed in a Latinized form, it has subsequently been Latinized by numerous authors and should be considered available under Article 11.7.2.

Subtribe PLATYGENIINA Krikken, 1984

Original spelling and citation: *Platygeniini* Krikken 1984: 18

Type genus: *Platygenia* MacLeay, 1819: 151

Subtribe TRICHIINA Fleming, 1821

Original spelling and citation: *Trichiadae* Fleming 1821: 50

Type genus: *Trichius* Fabricius, 1775: 40

Synonym: *Elpidina* Péringuey, 1907

Original spelling and citation: *Elpidides* Péringuey, 1907: 314

Type genus: *Elpidus* Péringuey, 1907: 318

Synonym: *Myodermina* Péringuey, 1907

Original spelling and citation: *Myodermini* Péringuey 1907: 294

Type genus: *Myodermun* Burmeister and Schaum, 1840: 396

Subtribe INCAINA Burmeister, 1842

Original spelling and citation: *Incadae* Burmeister 1842: 704

Type genus: *Inca* LePeletier and Serville, 1828: 380 (LePeletier and Serville, 1828a)

Subtribe OSMODERMATINA Schenkling, 1922

Original spelling and citation: *Osmodermini* Schenkling 1922: 3

Type genus: *Osmoderma* LePeletier and Serville, 1828: 702 (LePeletier and Serville, 1828b)

Tribe CREMASTOCHEILINI Burmeister and Schaum, 1841

Original spelling and citation: *Cremastochilidae* Burmeister and Schaum 1841: 243

Type genus: *Cremastocheilus* Knoch, 1801: 115

Subtribe SPILOPHORINA Krikken, 1984

Original spelling and citation: *Spilophorina* Krikken 1984: 25

Type genus: *Spilophorus* Schaum, 1848: 61*

Subtribe MACROMINA Burmeister and Schaum, 1840

Original spelling and citation: *Macrominae* Burmeister and Schaum 1840: 360

Type genus: *Macroma* Gory and Percheron, 1833: 35

Subtribe TROGODINA Krikken, 1984

Original spelling and citation: *Trogodina* Krikken 1984: 27

Type genus: *Trogodes* Westwood, 1874: 30

Subtribe NYASSININA Krikken, 1984

Original spelling and citation: *Nyassinina* Krikken 1984: 25

Type genus: *Nyassinus* Westwood, 1879: 199

Subtribe HETEROGENIINA Krikken, 1984

Original spelling and citation: *Heterogeniina* Krikken 1984: 25

Type genus: *Heterogenius* Moser, 1911: 143

Subtribe ASPILINA Krikken, 1984

Original spelling and citation: *Aspilina* Krikken 1984: 25

Type genus: *Aspilus* Schaum, 1848: 61*

Subtribe COENOCHELINA Burmeister, 1842

Original spelling and citation: *Coenochilidae* Burmeister 1842: 148

Type genus: *Coenochilus* Schaum, 1841: 268 (in Burmeister and Schaum 1841)

Subtribe CYMOPHORINA Krikken, 1984

Original spelling and citation: Cymophorina Krikken 1984: 23

Type genus: *Cymophorus* Kirby, 1827: 153

Subtribe TRICHOPLINA Krikken, 1984

Original spelling and citation: Trichoplinea Krikken 1984: 23

Type genus: *Trichoplus* Burmeister, 1842: 660

Subtribe OPLOSTOMATINA Krikken, 1984

Original spelling and citation: Oplostomina Krikken 1984: 23

Type genus: *Oplostomus* MacLeay, 1838: 20

Subtribe TELOCHILINA Krikken, 1984

Original spelling and citation: Telochilina Krikken 1984: 21

Type genus: *Telochilus* Krikken, 1975: 21

Subtribe GENUCHINA Krikken, 1984

Original spelling and citation: Genuchina Krikken 1984: 21

Type genus: *Genuchus* Kirby, 1825: 569

Subtribe PILINURGINA Krikken, 1984

Original spelling and citation: Pulinurgina Krikken 1984: 25

Type genus: *Pilinurgus* Burmeister, 1842: 658

Subtribe GOLIATHOPSIDINA Krikken, 1984

Original spelling and citation: Goliathopsidina Krikken 1984: 25

Type genus: *Goliathopsis* Janson, 1881: 609

Subtribe CREMASTOCHEILINA Burmeister and Schaum, 1841

Original spelling and citation: Cremastochilidae Burmeister and Schaum 1841: 243

Type genus: *Cremastocheilus* Knoch, 1801: 115

Subtribe LISSOGENIINA Krikken, 1984

Original spelling and citation: Lissogeniina Krikken 1984: 25

Type genus: *Lissogenius* Schaum, 1845: 420

Tribe XIPHOSCELIDINI Burmeister, 1842

Original spelling and citation: Xiphoscelidae Burmeister 1842: 613

Type genus: *Xiphoscelis* Burmeister, 1842: 613

Tribe STENOTARSINI Kraatz, 1880

Original spelling and citation: Stenotarsiden Kraatz 1880b: 182

Type genus: *Stenotarsia* Burmeister, 1842: 590

Remark: Although this family-group name was not originally proposed in a Latinized form, it has subsequently been Latinized by numerous authors and should be considered available under Article 11.7.2.

Subtribe COPTOMIINA Schenkling, 1921

Original spelling and citation: Coptomiina Schenkling 1921: 147

Type genus: *Coptomia* Burmeister, 1842: 549

Subtribe ANOCHILIINA Krikken, 1984

Original spelling and citation: Anochiliina Krikken 1984: 31

Type genus: *Anochilia* Burmeister, 1842: 558

Remark: Pouillaude (1916) used Anochiliens but this name was published after 1900 and not Latinized, therefore it is unavailable from this publication.

Subtribe PANTOLIINA Krikken, 1984

Original spelling and citation: Pantoliina Krikken 1984: 33

Type genus: *Pantolia* Burmeister, 1842: 567

Remark: Pouillaude (1916) used Pantoliens but this name was published after 1900 and not Latinized, therefore it is unavailable from this publication.

Subtribe STENOTARSINA Kraatz, 1880

Original spelling and citation: Stenotarsiden Kraatz 1880b: 182

Type genus: *Stenotarsia* Burmeister, 1842: 590

Remark: Although this family-group name was not originally proposed in a Latinized form, it has subsequently been Latinized by numerous authors and should be considered available under Article 11.7.2.

Subtribe EUCHROEINA Paulian and Descarpentries, 1982

Original spelling and citation: Euchroeina Paulian and Descarpentries 1982: 5

Type genus: *Euchroea* Burmeister, 1842: 571

Remark: Pouillaude (1916) used *Euchroëens* but this name was published after 1900 and not Latinized, therefore it is unavailable from this publication.

Subtribe DORYSCELINA Krikken, 1984

Original spelling and citation: Doryscelina Krikken 1984: 33

Type genus: *Doryscelis* Dejean, 1836: 189

Remark: Pouillaude (1916) used *Dorysceliens* but this name was published after 1900 and not Latinized, therefore it is unavailable from this publication.

Subtribe PARACHILIINA Krikken, 1984

Original spelling and citation: Parachiliina Krikken 1984: 33

Type genus: *Parachilia* Burmeister, 1842: 556

Subtribe HETEROPHANINA Schoch, 1894

Original spelling and citation: Heterophanae Schoch 1894: 173

Type genus: *Heterophana* Burmeister, 1842: 602

Subtribe CHROMOPTILIINA Krikken, 1984

Original spelling and citation: Chromoptiliina Krikken 1984: 31

Type genus: *Chromoptilia* Westwood, 1842: 128 (Westwood 1842d)

Subtribe HETEROSOMATINA Krikken, 1984

Original spelling and citation: Heterosomatina Krikken 1984: 29

Type genus: *Heterosoma* Schaum, 1845: 390

Tribe SCHIZORHININI Burmeister, 1842

Original spelling and citation: Schizorrhinidae Burmeister 1842: 530

Type genus: *Schizorhina* Kirby, 1825: 570

Subtribe SCHIZORHININA Burmeister, 1842

Original spelling and citation: Schizorrhinidae Burmeister 1842: 530

Type genus: *Schizorhina* Kirby, 1825: 570

Synonym: Diaphoniina Kraatz, 1880

Original spelling and citation: Diaphoniidae Kraatz 1880b: 195

Type genus: *Diaphonia* Newman, 1840: 366

Synonym: Eupoecilina Kraatz, 1880

Original spelling and citation: Eupoecilidae Kraatz 1880b: 188

Type genus: *Eupoecila* Burmeister, 1842: 540

Synonym: Hemipharina Kraatz, 1880

Original spelling and citation: Hemipharidae Kraatz 1880b: 182

Type genus: *Hemipharis* Burmeister, 1842: 531

Subtribe LOMAPTERINA Burmeister, 1842

Original spelling and citation: Lomapteridae Burmeister 1842: 310

Type genus: *Lomaptera* Gory and Percheron, 1833: 43

Synonym: Macronotina Burmeister, 1842

Original spelling and citation: Macronotidae Burmeister 1842: 318

Type genus: *Macronota* Hoffmannsegg, 1817: 15

Tribe GOLIATHINI Griffith and Pidgeon, 1832

Original spelling and citation: Goliathidae Griffith and Pidgeon 1832: 492

Type genus: *Goliathus* Lamarck, 1801: 209

Subtribe GOLIATHINA Griffith and Pidgeon, 1832

Original spelling and citation: Goliathidae Griffith and Pidgeon 1832: 492

Type genus: *Goliathus* Lamarck, 1801: 209

Synonym: Hypselogeniina Schoch, 1894

Original spelling and citation: Hypselogeniinae Schoch 1894: 169

Type genus: *Hypselogenia* Burmeister, 1840: [1]

Subtribe DICRONOCEPHALINA Krikken, 1984

Original spelling and citation: Dicronocephalina Krikken 1984: 37

Type genus: *Dicronocephalus* Hope, 1831: 24

Remark: The original spelling of this genus is *Dicronocephalus*, but it was later spelled *Dicronocephalus* by Hope (1837: 61), Westwood (1842c: 116), and most authors since (although a few recent authors have used the original spelling). Since the incorrect subsequent spelling is in prevailing usage, it is now considered the correct original spelling of the name under Article 33.3.1. The original spelling placed the name in homonymy with *Dicronocephalus* Hahn, 1826 (Hemiptera) but the adaptation of the subsequent spelling as the correct spelling avoids this homonymy problem.

Subtribe ICHNESTOMATINA Burmeister, 1842

Original spelling and citation: Ichnostomidae Burmeister 1842: 600

Type genus: *Ichnestoma* Gory and Percheron, 1833: 41

Subtribe CORYPHOCERINA Burmeister, 1842

Original spelling and citation: Coryphoceridae Burmeister 1842: 215

Type genus: *Coryphocera* Burmeister, 1842: 220

Synonym: Heterorhinina Kraatz, 1880

Original spelling and citation: Heterorrhinidae Kraatz 1880a: 21

Type genus: *Heterorhina* Westwood, 1842: 132 (Westwood 1842e)

Remark: Wallace (1868: 520) used "*Heterorhinae*" but from the context of the paper, it is clearly a *lapsus calami* for the genus *Heterorhina*. He did not intend to erect a new family-group name.

Synonym: Ceratorhinina Kraatz, 1880

Original spelling and citation: Ceratorrhinidae Kraatz 1880a: 18

Type genus: *Ceratorhina* Westwood, 1843: 170

Synonym: Bothrorrhina Schoch, 1894

Original spelling and citation: Bothrorrhinae Schoch 1894: 173

Type genus: *Bothrorrhina* Burmeister, 1842: 200

Synonym: Gnathocerina Schoch, 1894

Original spelling and citation: Gnathoceridae Schoch 1894: 170

Type genus: *Gnathocera* Kirby, 1825: 571

Synonym: Ischnoscelina Schoch, 1894

Original spelling and citation: Ischnosceli Schoch 1894: 170

Type genus: *Ischnoscelis* Burmeister, 1842: 179

Synonym: Coelorrhina Schoch, 1895

Original spelling and citation: Coelorrhinae Schoch 1895: III

Type genus: *Coelorrhina* Hope, 1841: 302

Remark: The original spelling of this genus is *Caelorrhina*, but it was later spelled *Coelorrhina* by Burmeister (1842: 206) and most authors since. Because the incorrect subsequent spelling is in prevailing usage, it is now considered the correct original spelling of the name under Article 33.3.1.

Synonym: Rhomborhinina Schoch, 1894
 Original spelling and citation: Rhomborrhinae Schoch 1894: 171
 Type genus: *Rhomborhina* Hope, 1837: 120

Synonym: Tmesorrhina Schoch, 1894
 Original spelling and citation: Tmesorrhinae Schoch 1894: 170
 Type genus: *Tmesorrhina* Westwood, 1842: 71 (Westwood 1842*b*)

Synonym: Mecynorhinina Schenkling, 1921
 Original spelling and citation: Mecynorrhina Schenkling 1921: 15
 Type genus: *Mecynorhina* Hope, 1837: 119

Synonym: Stephanorhinina Schenkling, 1921
 Original spelling and citation: Stephanorrhina Schenkling 1921: 35
 Type genus: *Stephanorhina* Burmeister, 1842: 208

Tribe CETONINI Leach, 1815

Original spelling and citation: Cetonida Leach 1815*a*: 99
 Type genus: *Cetonia* Fabricius, 1775: 42

Subtribe CETONINA Leach, 1815

Original spelling and citation: Cetonida Leach 1815*a*: 99
 Type genus: *Cetonia* Fabricius, 1775: 42

Synonym: Elaphinina Schoch, 1894
 Original spelling and citation: Elaphinina Schoch 1894: 175
 Type genus: *Elaphinis* Burmeister, 1842: 595

Synonym: Glycyphanina Schoch, 1894
 Original spelling and citation: Glycyphanina Schoch 1894: 175
 Type genus: *Glycyphana* Burmeister, 1842: 345

Synonym: Pachnodina Péringuey, 1907
 Original spelling and citation: Pachnodii Péringuey 1907: 371
 Type genus: *Pachnoda* Burmeister, 1842: 511

Synonym: Tephraeina Schenkling, 1921
 Original spelling and citation: Tephraeides Schenkling, 1921: 313
 Type genus: *Tephraea* Burmeister, 1842: 419

Subtribe EUPHORIA Schoch, 1894

Original spelling and citation: Euphoriae Schoch 1894: 175
 Type genus: *Euphoria* Burmeister, 1842: 370

Subtribe LEUCOCELINA Kraatz, 1882

Original spelling and citation: Leucoceliden Kraatz 1882*b*: 65
 Type genus: *Leucocelis* Burmeister, 1842: 421

Remark: Although this family-group name was not originally proposed in a Latinized form, it has subsequently been Latinized by numerous authors and should be considered available under Article 11.7.2.

Tribe GYMNETINI Kirby, 1827

Original spelling and citation: Gymnetidae Kirby 1827: 150
 Type genus: *Gymnetis* MacLeay, 1819: 152

Subtribe GYMNETINA Kirby, 1827

Original spelling and citation: Gymnetidae Kirby 1827: 150
 Type genus: *Gymnetis* MacLeay, 1819: 152

Synonym: Clinteriina Kraatz, 1882
 Original spelling and citation: Clinteriidae Kraatz 1882*a*: 49
 Type genus: *Clinteria* Burmeister, 1842: 299

Synonym: *Stethodesmatina* Schoch, 1894
 Original spelling and citation: *Stethodesmae* Schoch 1894: 172
 Type genus: *Stethodesma* Bainbridge, 1841: 482

Subtribe BLAESIINA Schoch, 1895

Original spelling and citation: *Blaesiina* Schoch, 1895: III
 Type genus: *Blaesia* Burmeister, 1842: 615

Tribe DIPLOGNATHINI Burmeister, 1842

Original spelling and citation: *Diplognathidae* Burmeister 1842: 617
 Type genus: *Diplognatha* Gory and Percheron, 1833: 31
 Remark: The type genus was spelled both *Diplognatha* and *Diplognata* in Gory and Percheron (1833). The former spelling was used multiple times and is obviously the intended spelling of the name. *Diplognatha* has also been adapted by all subsequent authors and should be considered the correct spelling.

Synonym: *Porphyronotini* Péringuey, 1907
 Original spelling and citation: *Porphyronotii* Péringuey 1907: 371
 Type genus: *Porphyronota* Burmeister, 1842: 622

Tribe PHAEDIMINI Schoch, 1894

Original spelling and citation: *Phaedimi* Schoch 1894: 169
 Type genus: *Phaedimus* Westwood, 1841: 5 (Westwood 1841*a*)

Tribe TAENIODERINI Mikšić, 1976

Original spelling and citation: *Taenioderina* Mikšić 1976: 29
 Type genus: *Taeniodera* Burmeister, 1842: 325

Subtribe TAENIODERINA Mikšić, 1976

Original spelling and citation: *Taenioderina* Mikšić 1976: 29
 Type genus: *Taeniodera* Burmeister, 1842: 325

Subtribe CHALCOTHEINA Mikšić, 1976

Original spelling and citation: *Chalcotheina* Mikšić 1976: 29
 Type genus: *Chalcothea* Burmeister, 1842: 319

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