

All genera of the world: Subfamilies Lithoscarabaeinae, Chironinae, Aegialiinae, Eremazinae, Aphodiinae, Aulonocneminae, Termitotroginae, and Scarabaeinae (Animalia: Arthropoda: Insecta: Coleoptera: Scarabaeidae)

PETER G. ALLSOPP¹ & PAUL SCHOOLMEESTERS²

¹Queensland Museum Kurilpa, PO Box 3300, South Brisbane 4101, Australia

 peter.allsopp@bigpond.com;  <https://orcid.org/0000-0001-9635-1240>

²Langeveldstraat, 23, 3020 Herent, Belgium

 schoolp@skynet.be;  <https://orcid.org/0000-0002-0721-6002>

Abstract

There are about 1000 genus-group names, available and unavailable, in the laprostict subfamilies of Scarabaeidae by 31 July 2025. Of these, 689 refer to currently accepted genera, mainly in the Aphodiinae (381) and the Scarabaeinae (283). A further >320 genus-group names are given subgeneric rank or placed in synonymy or homonymy. The chronology of descriptions of currently valid genera shows different patterns between the Scarabaeinae and Aphodiinae, with a significant increase in numbers of aphodiine genera since the 1980s due to the splitting of *Aphodius* Hellwig, 1798. We predict that discovery of new genera, as well as the potential for further splitting of mega-genera such as *Onthophagus* Latreille, 1802 with elevation of subgenera to full generic level, will continue the upward trend, albeit somewhat balanced by combining some of the numerous monobasic genera.

Key words: Lithoscarabaeinae, Chironinae, Aegialiinae, Eremazinae, Aphodiinae, Aulonocneminae, Termitotroginae, Scarabaeinae, generic names, synonyms, type species, scarabs

There's more to the picture than meets the eye

Jeff Blackburn and Neil Young *Hey, hey, my, my*

Introduction

The Scarabaeidae are a large and diverse family of beetles containing over 36,000 species (Schoolmeesters 2025). Although traditionally grouped into a single family (Scholtz & Grebennikov 2005), it is divided into two major lineages: the plant-feeding lineage Pleurosticti and a clade of taxa (the Laprosticti) mainly feeding on mammalian dung (mainly Aphodiinae + Scarabaeinae). Recent phylogenetic analyses of more than 4000 genes mined from transcriptomes of more than 50 species of Scarabaeidae and other Scarabaeoidea (Dietz *et al.* 2023)

indicated significant separation of the Aphodiinae and Scarabaeinae from the pleurostict scarabs and distinct separation of these two subfamilies from each other (the smaller laprostict subfamilies were not included).

We previously catalogued the genera of the Pleurosticti in Allsopp & Schoolmeesters (2024a,b). Here, we catalogue the genera of the subfamilies of the Laprosticti; with a closing date of 31 July 2025. We generally use the classifications outlined by Bouchard *et al.* (2024). Our list is based on that of Schoolmeesters (2025), but we add information on synonymies and type species. “Additional” subgenera or subspecies refer to subgenera or subspecies other than nominotypical taxon, respectively. Currently accepted genera and subgenera are shown in bold. Incorrect subsequent spellings are listed by their first usage. Type-species designations in Lucas (1920) were accepted when a single, originally included species was unequivocally (without a “?”) listed under a particular genus-group name (Bousquet *et al.* 2018). We follow Bouchard *et al.* (2024) and use the surname “Fischer” for G. Fischer’s works up to the end of 1832 rather than “Fischer von Waldheim” adopted when he became a member of the Russian nobility in 1833. Similarly, we use “Semenov” for works published by that author up to the end of 1906 and “Semenov-Tjan-Shansky” for works published after 1906 in order to account for the honorary title “Tjan-Shansky” added by the Emperor of All Russia Nikolay II to the surname of A.P. Semenov’s father (and all his family members) in 1906. We also use the surname for François-Louis Laporte, rather than his title as the Comte de Castelnau.

Non-*Onthophagus* elements of the Australian Scarabaeinae fauna do not fit the conventional tribal/subtribal classification. Morphological (Tarasov & Génier 2015) and molecular (Tarasov & Dimitrov 2016) studies have shown that the Australian genera resolve into clades not associated with what were considered to be their relatives. Hence, they allocated all the non-*Onthophagus* genera to an *incertae sedis* tribal status, with *Boletoscapter* Matthews, 1974 consistently resolving as a separate clade from the other Australian endemic genera. Gunter

et al. (2018) showed a high probability of a Mesozoic and Gondwanan origin for these Australian genera and, because *Boletoscapter* was clearly phylogenetically distinct from the other genera, used the term ‘Australian Endemic Genera’ as a convenient group name for most of the Australian non-*Onthophagus* taxa. This unresolved classification was followed by Gunter *et al.* (2019), Gunter & Weir (2019a,b, 2021), Ebert *et al.* (2019), and Lopes *et al.* (2024), and includes a further genus from Papua New Guinea and eastern Indonesia (Génier *et al.* 2025).

We identify two genus-level names where a type species has been designated but subsequently moved to another genus. Each requires an application to the Commission to fix the most appropriate type species to conserve the current usage of the genus-group name (Bousquet & Bouchard 2013; Bouchard *et al.* 2024). There are also two genus-level names where an application to the Commission is needed to reverse precedence to conserve a well-used junior synonym.

The eight subfamilies comprise over 10,700 species. The Scarabaeinae is dominated by the mega-genus *Onthophagus* Latreille, 1802 with about 2300 species and additional subspecies. The Aphodiinae was previously dominated by the genus *Aphodius* Hellwig, 1798 with many subgenera but has been reduced in the last 30 years by upgrading most of these subgenera to full genera or synonymy under other genera. This has resulted in a different pattern in the chronology of descriptions of currently valid genera in each of the two larger subfamilies (Fig. 1), with a significant increase in numbers of currently accepted aphodiine genera since the 1980s. This pattern differs from the pleurostict subfamilies considered by Allsopp & Schoolmeesters (2024a,b). We predict that establishment of new genera, as well as the potential for further splitting of mega-genera with elevation of

subgenera to full generic level, will continue the upward trend, albeit somewhat balanced by combining monobasic genera.

Acknowledgement

The Biodiversity Heritage Library (<https://www.biodiversitylibrary.org/>), the scarab reference compilation (<http://www.datascarabaeoidea.net/>), and the Catalogue of Life (<https://www.catalogueoflife.org/>) were marvellous sources of information. Thanks to two anonymous reviewers.

Subfamily Lithoscarabaeinae Nikolajev, 1992 (2 genera)

†*Baisarabaeus* Nikolajev, 2005 [2 species]. Type species *Baisarabaeus rugosus* Nikolajev, 2005, by original designation.

†*Lithoscarabaeus* Nikolajev, 1992 [1 species]. Type species *Proteroscarabaeus baissensis* Nikritin, 1977, by original designation.

Subfamily Chironinae Blanchard, 1845 (3 genera)

Amphiceratodon Huchet, 2000 [4 species and 11 additional subspecies]. Type species *Chiron capensis* Hope & Westwood, 1845, by original designation.

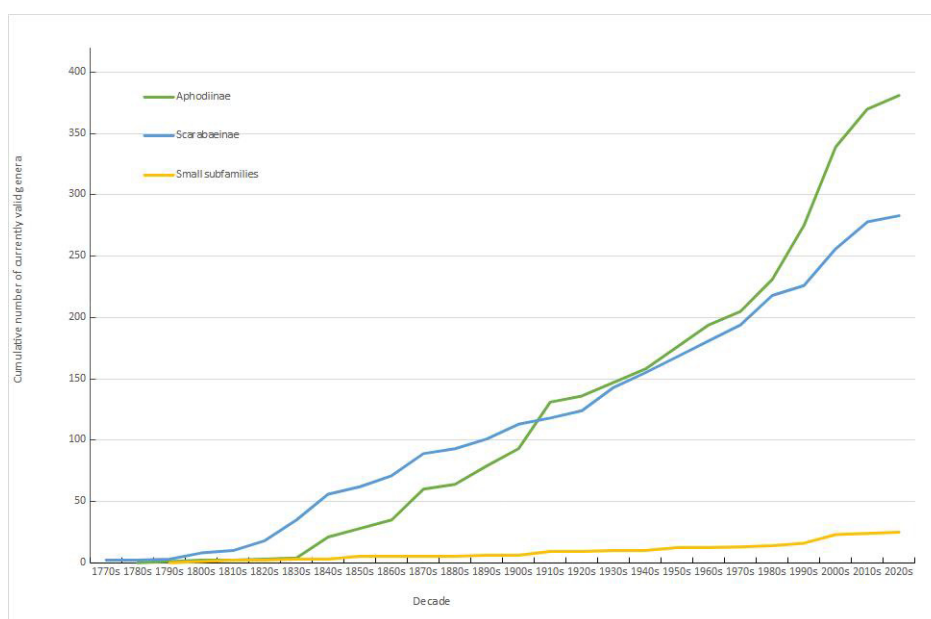


FIGURE 1. Cumulative number of currently valid genera of Aphodiinae, Scarabaeinae and small subfamilies (Lithoscarabaeinae, Chironinae, Aegialiinae, Eremazinae, Aulonocneminae, Termitotroginae) by decade.

Chiron MacLeay, 1819 (not *Chiron* Villa, 1833, nor *Chiron* Astafieva, 1997) [15 species]. Type species *Chiron digitatus* MacLeay, 1819, by monotypy.

Theotimius Huchet, 2000 [9 species]. Type species *Chiron grandis* Gory, 1838, by original designation.

Theotimius (*Amaecylius*) Huchet, 2000. Type species *Chiron patrizii* Boucomont, 1923, by original designation.

Subfamily Aegialiinae Laporte, 1840 (12 genera)

Tribe Aegialiini Laporte, 1840 (8 genera)

Aegialia Latreille, 1807 [23 species and 1 additional subspecies]. Type species *Scarabaeus globosus* Kugelann, 1794 (= *Aegialia arenaria* (Fabricius, 1787)), by monotypy.

†**Archeopsammoporus** Minkina, 2020a [1 species]. Type species *Archeopsammoporus balticus* Minkina, 2020, by original designation.

Caelius Lewis, 1895 [5 species]. Type species *Caelius denticollis* Lewis, 1895, by monotypy.

Aegialia (*Leptaegialia*) Brown, 1931. Type species *Aegialia* (*Leptaegialia*) *humeralis* Brown, 1931, by original designation. Synonymy by Dellacasa (1988).

†**Cretaegialia** Nikolajev, 1994 [2 species]. Type species *Cretaegialia rhypariformis* Nikolajev, 1994, by original designation.

Micraegialia Brown, 1931 [1 species]. Type species *Aegialia pusilla* Horn, 1887, by monotypy.

Psammoporus Thomson, 1859 [20 species and 1 additional subspecies]. Type species *Scarabaeus sabuleti* Panzer, 1797, by original designation. Note: Báguena (1955) incorrectly spelt *Psammoporus* as “*Psammophorus*”.

Dimalia Mulsant & Rey, 1870a. Type species *Scarabaeus sabuleti* Panzer, 1797, by monotypy. Objective junior synonym of *Psammoporus* Thomson.

Rhysothorax Bedel, 1911a [1 species]. Type species *Scarabaeus rufus* Fabricius, 1792, by monotypy.

Aegialia (*Anomalaegialia*) Brown, 1931. Type species *Aegialia spissipes* LeConte, 1878, by monotypy. Synonymy by Stebnicka (1977).

Silluvia Landin, 1950 [14 species]. Type species *Silluvia elongata* Landin, 1950, by original designation.

Tribe Saprinianini Nikolajev, 2011 (4 genera)

Amerisaprus Stebnicka & Skelley in Stebnicka *et al.*, 2003 [1 species]. Type species *Amerisaprus valdivia* Stebnicka & Skelley, 2003, by original designation.

Argeremazus Stebnicka & Dellacasa in Stebnicka *et al.*, 2003 [1 species]. Type species *Argeremazus neuquen* Stebnicka & Dellacasa, 2003, by original designation.

Mimaegialia Nikolajev, 2007a [1 species]. Type species *Aegialia argentina* Martínez, Pereira & Vulcano, 1970, by original designation.

Sapriniana Strand, 1917 [4 species]. Replacement name for *Saprus* Blackburn, 1904, not *Saprus* Gistel, 1856.

Saprus Blackburn, 1904. Type species *Saprus griffithi* Blackburn, 1904, by monotypy.

Subfamily Eremazinae Stebnicka, 1977 (2 genera)

Tribe Eremazini Stebnicka, 1977 (1 genus)

Eremazus Mulsant, 1851 [6 species]. Type species *Eremazus unistriatus* Mulsant, 1851, by monotypy.

Millingenia Sharp, 1875a. Type species *Millingenia fossor* Sharp, 1875 (= *Eremazus punctatus* (Harold, 1869)), by monotypy. Synonymy by Clouët des Pesruches (1897).

Tolisus Sharp, 1875a. Type species *Tolisus aeneus* Sharp, 1875 (= *Eremazus unistriatus* Mulsant, 1851), by subsequent designation of Dellacasa (1988). Synonymy by Fairmaire (1879).

Tribe Yixianscarabaeini Nikolajev, 2015† (1 genus)

†**Yixianscarabaeus** Nikolajev, 2015 [2 species]. Type species *Yixianscarabaeus sulcatus* Nikolajev, 2015, by original designation.

Subfamily Aphodiinae Leach, 1815 (381 genera)

Tribe Aphodiini Leach, 1815 (261 genera)

Subtribe Aphodiina Leach, 1815
(249 genera)

- Acanthaphodius** Schmidt, 1909 [1 species]. Type species *Acanthaphodius bruchi* Schmidt, 1909, by monotypy.
- Acanthobodilus** Dellacasa, 1983, as *Aphodius* (*Acanthobodilus*) [2 species]. Type species *Aphodius immundus* Creutzer, 1799, by original designation. Status revised to *Acanthobodilus* by Ádám (1994).
- Acrossidius** Schmidt, 1914a, as *Aphodius* (*Acrossidius*) [2 species]. Type species *Aphodius tasmaniae* Hope, 1847, by subsequent designation of Balthasar (1964a). Status revised to *Acrossidius* by Stebnicka & Howden (1995).
- Sericomorpha*: Harold 1862. Unavailable name.
- Acrossoides** Schmidt, 1914a, as *Aphodius* (*Acrossoides*) [2 species]. Type species *Aphodius yorkensis* Blackburn, 1892, by monotypy. Status revised to *Acrossoides* by Dellacasa *et al.* (2001).
- Acrossus** Mulsant, 1842 [44 species and 1 additional subspecies]. Type species *Scarabaeus luridus* Fabricius, 1775, by subsequent designation of Reitter (1892).
- Aphodius* (*Hemicyclorhinus*): Seabra 1909. Unavailable name.
- Adeloparius** Schmidt, 1914a, as *Aphodius* (*Adeloparius*) [13 species]. Type species *Aphodius trimaculatus* Schmidt, 1909, by subsequent designation of Paulian (1942). Status revised to *Adeloparius* by Paulian (1942).
- Afrodiapterna** Dellacasa, 1984, as *Aphodius* (*Afrodiapterna*) [2 species]. Type species *Aphodius* (*Afrodiapterna*) *heleninae* Dellacasa, 1984, by original designation. Status revised to *Afrodiapterna* by Dellacasa *et al.* (2001).
- Afroemadiellus** Bordat, 2019 [14 species]. Type species *Afroemadiellus duvoti* Bordat, 2019, by original designation.
- Afrotrichonotulus** Bordat, 2016 [2 species]. Type species *Afrotrichonotulus niedobovae* Bordat, 2016, by original designation.
- Aganocrossus** Reitter, 1895, as *Aphodius* (*Aganocrossus*) [26 species]. Type species *Aphodius* (*Aganocrossus*) *postpilosus* Reitter, 1895, by monotypy. Status revised to *Aganocrossus* by Paulian (1942).
- Agoliinus** Schmidt, 1914a, as *Aphodius* (*Agoliinus*) [43 species]. Type species *Aphodius congregatus* Mannerheim, 1853, by subsequent designation of Dellacasa (1983). Status revised to *Agoliinus* by Ádám (1994).
- Agolius** Mulsant & Rey, 1870a, as *Aphodius* (*Agolius*) [2 species and 5 additional subspecies]. Type species *Aphodius mixtus* Villa & Villa, 1833 (= *Agolius abdominalis abdominalis* (Bonelli, 1812)), by subsequent designation of Reitter (1892). Status revised to *Agolius* by Dellacasa *et al.* (2001). Note: Dellacasa & Dellacasa (2005) incorrectly spelt *Agolius* as “*Agoliinus*”.
- Aphodius* (*Calaphodius*) Reitter, 1892. Type species *Aphodius bonvouloiri* Harold, 1860, by original designation. Synonymy by Dellacasa (1983).
- Agrilinellus** Dellacasa, Dellacasa & Gordon, 2008 [7 species]. Type species *Aphodius azteca* Harold, 1863, by original designation.
- Agrilinus** Mulsant & Rey, 1870a, as *Aphodius* (*Agrilinus*) [31 species and 1 additional subspecies]. Type species *Scarabaeus ater* Degeer, 1774, by subsequent designation of Reitter (1892). Status revised to *Agrilinus* by Ádám (1994).
- Aphodius* (*Pseudolimarus*) Balthasar, 1931. Type species *Aphodius jugurtha* Balthasar, 1931, by monotypy. Synonymy by Dellacasa *et al.* (2001).
- Ahermodontus** Báguena, 1930 [3 species]. Type species *Ahermodontus marini* Báguena, 1930, by monotypy.
- Ajmeraphodius** Král, Mencl & Rakovič, 2021 [1 species]. Type species *Ajmeraphodius chypeosetosus* Král, Mencl & Rakovič, 2021, by original designation.
- Alloblackburneus** Bordat, 2009 [15 species]. Type species *Alloblackburneus acutulus* Bordat, 2009, by original designation.
- Allobodilus** Petrovitz, 1963, as *Aphodius* (*Allobodilus*) [4 species]. Type species *Aphodius* (*Allobodilus*) *notabilis* Petrovitz, 1963, by original designation. Status revised to *Allobodilus* by Dellacasa *et al.* (2001).
- Aphodius* (*Dibolus*) Endrödi, 1976. Type species *Aphodius* (*Dibolus*) *gobabensis* Endrödi, 1976, by monotypy. Synonymy by Dellacasa (1988).
- Alocoderus** Schmidt, 1914a, as *Aphodius* (*Alocoderus*) [20 species and 1 additional subspecies]. Type species *Aphodius semenowi* Reitter, 1887, by subsequent designation of Paulian (1942). Status revised to *Alocoderus* by Paulian (1942).

- Amidorus** Mulsant & Rey, 1870a, as *Aphodius* (*Amidorus*) [11 species and 1 additional subspecies]. Type species *Aphodius sericatus* Schmidt, 1840 (= *Amidorus obscurus* (Fabricius, 1792)), by subsequent designation of Reitter (1892). Status revised to *Amidorus* by Paulian (1942).
- Ammoecioides** Bordat, 1999 [11 species and 1 additional subspecies]. Type species *Aphodius* (*Ammoecius*) *spectabilis* Péringuey, 1901, by original designation.
- Ammoecius** Mulsant, 1842 [20 species]. Type species *Scarabaeus elevatus* Olivier, 1789, by monotypy. Note: Reitter (1892) incorrectly spelt *Ammoecius* as “*Amoecius*”.
- Aphodius* (*Digonorhinus*): Seabra 1909. Unavailable name.
- Anomalurobius** Paulian in Delamare Deboutteville & Paulian, 1952 [1 species]. Type species *Anomalurobius eburneus* Paulian, 1952, by monotypy.
- Anomius** Mulsant & Rey, 1870a, as *Aphodius* (*Anomius*) [13 species]. Type species *Aphodius castaneus* Illiger, 1803, by subsequent designation of Clément (1962). Status revised to *Anomius* by Dellacasa *et al.* (2001).
- Aparammoecius** Petrovitz, 1958a, as *Aphodius* (*Aparammoecius*) [31 species]. Type species *Aphodius* (*Aparammoecius*) *balangensis* Petrovitz, 1958, by monotypy. Status revised to *Aparammoecius* by Dellacasa *et al.* (2001).
- Aphodius* (*Paremadus*) Nakane, 1967. Type species *Aphodius* (*Emadus*) *isaburoi* Nakane, 1956, by original designation. Synonymy by Stebnicka (1994b).
- Aphodaulacus** Koshantschikov, 1911, as *Aphodius* (*Aphodaulacus*) [12 species]. Type species *Aphodius turkestanicus* Heyden, 1881, by subsequent designation of Balthasar (1964a). Status revised to *Aphodaulacus* by Dellacasa *et al.* (2001).
- Aphodiellus** Schmidt, 1914a, as *Aphodius* (*Aphodiellus*) [2 species]. Type species *Aphodius impunctatus* Waterhouse, 1875, by subsequent designation of Paulian (1942). Status revised to *Aphodiellus* by Paulian (1942).
- Aphodiopsis** Paulian, 1942 [13 species]. Type species *Aphodiopsis latipes* Paulian, 1942, by original designation.
- Aphodius** Hellwig, 1798 [44 species]. Type species *Scarabaeus fimetarius* Linnaeus, 1758, by subsequent designation of Latreille (1810). Name placed on the Official List of Specific Names in Zoology (ICZN 2014b).
- Platycephalus* Cuvier, 1798 (not *Platycephalus* Block, 1795). Type species *Scarabaeus fimetarius* Linnaeus, 1758, by subsequent designation of Dellacasa *et al.* (2001). Objective junior synonym of *Aphodius* Hellwig.
- Aphodius* (*Cytoderhinus*): Seabra 1909. Unavailable name.
- Aphodobius** Péringuey, 1901 [16 species]. The valid type species fixation is that of Paulian (1947) who selected *Aphodius misellus* Boheman, 1857, but that nominal species is currently placed in *Trichaphodius* Schmidt, 1914. An application to the Commission is necessary to fix *Aphodobius villosulus* Péringuey, 1901 as the type species of *Aphodobius* Péringuey, 1901 to conserve current usage. Dellacasa *et al.* (2001) designated *Aphodius inornatus* Schmidt, 1908 as the type species but it was not originally included.
- Aphodius* (*Arrowiellus*) Balthasar, 1933a. Type species *Aphodius* (*Arrowiellus*) *mulciber* Balthasar, 1933, by monotypy. Synonymy by Bordat *et al.* (2016).
- Aphodius* (*Esymoides*) Balthasar, 1945a. Type species *Aphodius amplipennis* Balthasar, 1945, by monotypy. Synonymy by Dallacasa *et al.* (2001).
- Aphodoharmogaster** Endrödi, 1983 [2 species]. Type species *Aphodoharmogaster costata* Endrödi, 1983 (= *Aphodoharmogaster costipennis* (Boheman, 1857)), by original designation.
- Apsteiniella** Schmidt, 1917 [3 species]. Replacement name for *Jacobsonia* Koshantschikov, 1912, not *Jacobsonia* Berlese, 1910, *Jacobsonia* Cameron, 1936, nor *Jacobsonia* Medvedev, 1970.
- Jacobsonia* Koshantschikov, 1912. Type species *Jacobsonia georgii* Koshantschikov, 1912, by monotypy. Note: Sharp (1912) incorrectly spelt *Jacobsonia* as “*Yacobsonia*”.
- Australagolius** Mencl, 2008 [1 species]. Type species *Australagolius sauerovae* Mencl, 2008, by original designation.
- Ballucus** Gordon & Skelley, 2007 [4 species]. Type species *Aphodius obtusus* LeConte 1878, by original designation.
- Basilewskyanus** Endrödi, 1956, as *Aphodius* (*Basilewskyanus*) [3 species]. Type species *Aphodius* (*Basilewskyanus*) *elisabethae* Endrödi, 1956, by monotypy. Status revised to *Basilewskyanus* by Dellacasa *et al.* (2001).
- Biralus** Mulsant & Rey, 1870a, as *Aphodius* (*Biralus*) [5 species]. Type species *Scarabaeus satellitius* Herbst,

1789, by monotypy. Status revised to *Biralus* by Ádám (1994).

Blackburneus Schmidt, 1914a, as *Aphodius* (*Blackburneus*) [50 species]. Type species *Aphodius furcatus* Schmidt, 1909, by subsequent designation of Paulian (1942). Status revised to *Blackburneus* by Paulian (1942).

Bodiloides Dellacasa & Dellacasa, 2005 [2 species and 1 additional subspecies]. Type species *Scarabaeus ictericus* Laicharting, 1781, by original designation.

Bodilopsis Ádám, 1994 [4 species and 1 additional subspecies]. Type species *Scarabaeus sordidus* Fabricius, 1775, by original designation.

Bodilus Mulsant & Rey, 1870a, as *Aphodius* (*Bodilus*) [56 species]. Type species *Aphodius lugens* Creutzer, 1799, by subsequent designation of Reitter (1892). Status revised to *Bodilus* by Paulian (1942).

Aphodius (*Therilus*) Mulsant & Rey, 1870c. Type species *Aphodius* (*Therilus*) *orophilus* Mulsant & Rey, 1870 (= *Bodilus noxius* (Schmidt, 1917)), by monotypy. Synonymy by Dellacasa *et al.* (2001).

Aphodius (*Melaphodius*) Reitter, 1892. Type species *Aphodius limbatus* Germar, 1823 (= *Bodilus circumcinctus* (Schmidt, 1840)), by original designation. Synonymy by Dellacasa *et al.* (2001).

Aphodius (*Lunaphodius*) Balthasar, 1964a. Type species *Aphodius lunifer* Solsky, 1876, by original designation. Synonymy by Rössner & Bellmann (2015).

Aphodius (*Paramelinopterus*) Rakovič, 1984. Type species *Aphodius* (*Paramelinopterus*) *longipennis* Rakovič, 1984, by original designation. Synonymy with *Lunaphodius* by Dellacasa *et al.* (2001).

Aphodius (*Neobodilus*) Hollande & Théron, 1998. Type species *Aphodius lugens* Creutzer, 1799, by original designation. Synonymy by Dellacasa in Hollande & Théron (1998).

Bosphorus Şenyüz, 2017 [1 species]. Type species *Bosphorus bariscercii* Şenyüz, 2017, by original designation.

Boucomontiellus Balthasar, 1932a, as *Aphodius* (*Boucomontiellus*) [2 species]. Type species *Aphodius* (*Boucomontiellus*) *pelliculosus* Balthasar, 1932, by original designation. Status revised to *Boucomontiellus* by Dellacasa *et al.* (2001).

Brachiaphodius Koshantschikov, 1913 [16 species]. Type species *Aphodius pilosus* Harold, 1874, by monotypy. Note: Král (2000) incorrectly spelt *Brachiaphodius* as “*Brachiaphodus*”.

Aphodius (*Balthasarianus*) Paulian, 1934a. Type species *Aphodius* (*Balthasarianus*) *pilifer* Paulian, 1934, by monotypy. Synonymy by Král (2000).

Calamosternus Motschulsky, 1859, as *Aphodius* (*Calamosternus*) [23 species]. Type species *Scarabaeus granarius* Linnaeus, 1767, by monotypy. Status revised to *Calamosternus* by Paulian (1942).

Aphodius (*Megalisis*) Mulsant & Rey, 1870c. Type species *Aphodius stercorarius* Mulsant & Rey 1870, by subsequent designation of Dellacasa (1988). Synonymy by Dellacasa *et al.* (2001).

Caligodorus Gordon & Skelley, 2007 [3 species]. Type species *Aphodius opacus* LeConte 1872, by original designation.

Calocolobopterus Dellacasa, 1986, as *Aphodius* (*Calocolobopterus*) [8 species]. Type species *Aphodius senegalensis* Klug, 1835, by original designation. Status revised to *Calocolobopterus* by Dellacasa *et al.* (2001).

Candezeollus Stebnicka & Howden, 1995 [3 species]. Type species *Aphodius candezei* Harold, 1868, by original designation.

Cantotius Bordat, 2022 [1 species]. Type species *Aphodius sexmaculosus* Schmidt, 1911, by original designation.

Carinaulus Tesař, 1945, as *Aphodius* (*Carinaulus*) [20 species]. Type species *Aphodius* (*Carinaulus*) *vseteckai* Tesař, 1945, by monotypy. Status revised to *Carinaulus* by Dellacasa *et al.* (2001).

Aphodius (*Oxyaphodius*) Balthasar, 1965a. Type species *Aphodius* (*Oxyaphodius*) *sikkimensis* Balthasar, 1965, by original designation. Synonymy by Červenka (2000).

Cephalocyclus Dellacasa, Gordon & Dellacasa, 1998 [25 species]. Type species *Aphodius fuliginosus* Harold, 1863, by original designation.

Cesamexico Koçak & Kemal, 2008a [1 species]. Replacement name for *Imelda* Dellacasa, Gordon & Dellacasa, 2002, not *Imelda* Hewitson, 1870.

Imelda Dellacasa, Gordon & Dellacasa, 2002. Type species *Aphodius constricticollis* Bates, 1889, by original designation.

Chilo thorax Motschulsky, 1859 [65 species and 4 additional subspecies]. Type species *Scarabaeus conspurcatus* Linnaeus, 1758, by subsequent designation of Dellacasa (1983).

Dimendi: Olsoufieff in Semenov-Tjan-Shansky & Medvedev, 1929. Unavailable name.

Chittius Tarasov, 2008, as *Aphodius* (*Chittius*) [1 species]. Type species *Aphodius* (*Amidorus*) *anatolicus* Petrovitz, 1963, by original designation. Status revised to *Chittius* by Dellacasa *et al.* (2016c).

Cinacanthus Schmidt, 1914a, as *Aphodius* (*Cinacanthus*) [12 species and 1 additional subspecies]. Type species *Aphodius* *militaris* LeConte, 1858, by subsequent designation of Paulian (1942). Status revised to *Cinacanthus* by Paulian (1942).

Cnemargulus Semenov, 1903 [2 species]. Type species *Cnemargulus* *krulikovskiy* Semenov, 1903, by subsequent designation of Nikolajev (1979).

Cnemisus Motschulsky, 1868 [4 species]. Replacement name for *Cnemargus* Motschulsky, 1845, not *Cnemargus* Schönherr, 1837.

Cnemargus Motschulsky, 1845. Type species *Cnemargus* *rufescens* Motschulsky, 1845, by monotypy. Note: Semenov (1903) incorrectly spelt *Cnemargus* as “*Cnemargulus*”.

Ahermes Reitter, 1891. Type species *Mendidi* *rufescens* Reitter, 1888 (= *Cnemisus* *rufescens* (Motschulsky, 1845)), by original designation. Synonymy by Schmidt (1910).

Coelotrachelus Schmidt, 1914a, as *Aphodius* (*Coelotrachelus*) [7 species]. Type species *Aphodius* *kuntzeni* Schmidt, 1914, by original designation. Status revised to *Coelotrachelus* by Dellacasa *et al.* (2001).

Colobopteridius Clément, 1958, as *Colobopterus* (*Colobopteridius*) [2 species]. Type species *Colobopterus* (*Colobopteridius*) *renaudi* Clément, 1958, by original designation. Status revised to *Colobopteridius* by Dellacasa *et al.* (2001).

Colobopteroides Paulian, 1942 [1 species and 1 additional subspecies]. Type species *Aphodius* *latus* Schmidt, 1910, by original designation.

Colobopterus Mulsant, 1842 [6 species]. Type species *Scarabaeus* *erraticus* Linnaeus, 1758, by monotypy.

Coprimorphus Mulsant, 1842 [1 species]. Type species *Scarabaeus* *scrutator* Herbst, 1789, by monotypy. Note: Agassiz (1846) incorrectly spelt *Coprimorphus* as “*Copreomorphus*”.

Coptochiroides Balthasar, 1938a, as *Aphodius* (*Coptochiroides*) [2 species and 1 additional subspecies]. Type species *Aphodius* (*Coptochiroides*) *guenthereschmidtii* Balthasar, 1938 (= *Coptochiroides*

subcostatus subcostatus (Kolbe, 1886)), by monotypy. Status revised to *Coptochiroides* by Dellacasa *et al.* (2001).

Craterocyphus Schmidt, 1914a, as *Aphodius* (*Craterocyphus*) Schmidt, 1914 [9 species and 3 additional subspecies]. Type species *Aphodius* *magnificus* Schmidt, 1909, by subsequent designation of Paulian (1942). Status revised to *Craterocyphus* by Paulian (1942). Note: Schmidt (1917) incorrectly spelt *Craterocyphus* as “*Craterocephalus*” (not *Craterocephalus* McCulloch, 1912).

Aphodius (*Hauserius*) Balthasar, 1935a. Type species *Aphodius* (*Hauserius*) *ikuthanus* Balthasar, 1935, by monotypy. Synonymy by Dellacasa *et al.* (2001).

Cryptaphodius Bordat, 2009 [2 species]. Type species *Aphodius* *excavatus* Schmidt, 1916, by original designation.

Cryptoscatomaseter Gordon & Skelley, 2007 [29 species]. Type species *Aphodius* *haldemani* Horn, 1870, by original designation.

Dellacasiellus Gordon & Skelley, 2007 [13 species]. Type species *Aphodius* *concavus* Say, 1823, by original designation.

Dialytellus Brown, 1929a [2 species]. Type species *Aphodius* *humeralis* LeConte, 1878 (= *Dialytellus* *tragicus* (Schmidt, 1917)), by original designation.

Dialytes Harold, 1869 [5 species]. Type species *Trox* *striatulus* Say, 1825, by subsequent designation of Lucas (1920).

Dialytodius Gordon & Skelley, 2007 [4 species]. Type species *Aphodius* *decepiens* Horn, 1887, by original designation.

Diapterna Horn, 1887, as *Aphodius* (*Diapterna*) [6 species]. Type species *Aphodius* *hamatus* Say, 1824, by subsequent designation of Brown (1929b). Status revised to *Diapterna* by Dellacasa *et al.* (2001).

Brachyproctus: Motschulsky 1860. Unavailable name.

Dilortoma Bordat, 2009 [5 species]. Type species *Aphodius* *excultus* Péringuey, 1908, by original designation.

Doaphius Balthasar, 1941b [5 species and 1 additional subspecies]. Type species *Doaphius* *rufopolitus* Balthasar, 1941, by monotypy.

Drepanocanthoides Schmidt, 1914a, as *Aphodius* (*Drepanocanthoides*) [4 species]. Type species *Aphodius* *walshii* Horn 1870, by subsequent

designation of Dellacasa (1988). Status revised to *Drepanocanthoides* by Stebnicka & Howden (1995).

Dudleyellus Bordat, 2009 [11 species]. Type species *Dudleyellus strangulatus* Bordat, 2009, by original designation.

Emadiellus Schmidt, 1914a, as *Aphodius* (*Emadiellus*) [2 species and 1 additional subspecies]. Type species *Aphodius rufopustultus* Wiedemann, 1823, by subsequent designation of Paulian (1942). Status revised to *Emadiellus* by Paulian (1942).

Aphodius (*Biraloides*) Balthasar, 1945a. Type species *Aphodius* (*Biraloides*) *pistor* Balthasar, 1945, by monotypy. Synonymy by Balthasar (1964a).

Erytodes Schmidt, 1917, as *Aphodius* (*Erytodes*) [1 species]. Type species *Aphodius* (*Erytodes*) *confirmatus* Schmidt, 1917, by monotypy. Status revised to *Erytodes* by Dellacasa *et al.* (2001).

Erytus Mulsant & Rey, 1870a, as *Aphodius* (*Erytus*) [11 species]. Type species *Aphodius brunneus* Klug, 1845 (= *Erytus cognatus* (Fairmaire, 1860)), by subsequent designation of Reitter (1892). Status revised to *Erytus* by Paulian (1942). Note: Mulsant & Rey (1870a) also spelt *Erytus* as *Erylus*, but the former is in common usage.

Esymus Mulsant & Rey, 1870a, as *Aphodius* (*Esymus*) [16 species and 1 additional subspecies]. Type species *Scarabaeus merdarius* Fabricius, 1775, by subsequent designation of Reitter (1892). Status revised to *Esymus* by Paulian (1942). Note: Reitter (1892) incorrectly spelt *Esymus* as “*Esimus*”.

Aphodius (*Orodalus*) Mulsant & Rey, 1870. Type species *Scarabaeus pusillus* Herbst, 1789, by monotypy. Synonymy by Dellacasa (1983).

Eudolus Mulsant & Rey, 1870a, as *Aphodius* (*Eudolus*) [2 species]. Type species *Scarabaeus quadriguttatus* Herbst, 1783, by monotypy. Status revised to *Eudolus* by Ádám (1994).

Euhemicyclium Bordat, 2003 [2 species]. Type species *Aphodius planatus* Schmidt, 1909, by original designation.

Euheptaulacus Dellacasa, 1983 [6 species and two additional subspecies]. Type species *Aphodius carinatus* Germar, 1824, by original designation.

Euorodalus Dellacasa, 1983, as *Aphodius* (*Euorodalus*) [11 species]. Type species *Scarabaeus coenosus* Panzer, 1798, by original designation. Status revised to *Euorodalus* by Dellacasa *et al.* (2001).

Euotophorus Dellacasa, Dellacasa & Gordon, 2016a [1 species]. Type species *Euotophorus imeldae* Dellacasa, Dellacasa & Gordon, 2016, by original designation.

Eupleurus Mulsant, 1842 [2 species and 1 additional subspecies]. Type species *Scarabaeus subterraneus* Linnaeus, 1758, by monotypy.

Exaphodius Endrödi, 1960 [1 species]. Type species *Exaphodius excellens* Endrödi, 1960, by original designation.

Exoxyomus Bordat, Mencl & Rakovič, 2012 [1 species]. Type species *Oxyomus curvus* Schmidt, 1909, by original designation.

Ferrerianus Dellacasa, Dellacasa & Gordon, 2007 [1 species]. Type species *Aphodius biimpressus* Schmidt, 1909, by original designation.

Flaviellus Gordon & Skelley, 2007 [8 species]. Type species *Aphodius phalerioides* Horn, 1870, by original designation.

Fulvaphodius Bordat, 2022 [1 species]. Type species *Aphodius fulvescens* Harold, 1874, by original designation.

Gaindaphodius Král & Mencl, 2024 [2 species]. Type species *Gaindaphodius gainda* Král & Mencl, 2024, by original designation.

Geomyphilus Gordon & Skelley, 2007 [16 species]. Type species *Aphodius insolitus* Brown, 1928, by original designation.

Gilletianus Balthasar, 1933b, as *Aphodius* (*Gilletianus*) [42 species and 1 additional subspecies]. Type species *Aphodius* (*Gilletianus*) *proclivis* Balthasar, 1933, by monotypy. Status revised to *Gilletianus* by Dellacasa *et al.* (2001).

Gonaphodiellus Schmidt, 1914a, as *Aphodius* (*Gonaphodiellus*) [12 species]. Type species *Aphodius pacatus* Harold, 1880, by subsequent designation of Paulian (1942). Status revised to *Gonaphodiellus* by Paulian (1942).

Gonaphodioides Dellacasa, Dellacasa & Gordon, 2012 [9 species]. Type species *Aphodius columbicus* Harold, 1880, by original designation.

Gonaphodiopsis Dellacasa, Dellacasa & Gordon, 2012 [5 species]. Type species *Gonaphodiopsis montesdeocai* Dellacasa, Dellacasa & Gordon, 2012, by original designation.

Gonaphodius Reitter, 1892, as *Aphodius* (*Gonaphodius*) [1 species]. Type species *Aphodius postangulus*

Reitter, 1887 (= *Gonaphodius scoparius* (Harold, 1877)), by original designation. Status revised to *Gonaphodius* by Dellacasa *et al.* (2001).

Gordonius Skelley, Dellacasa & Dellacasa, 2009 [1 species]. Type species *Gordonius rhinocerillus* Skelley, Dellacasa & Dellacasa, 2009, by original designation.

Grandinaphodius Ziani, 2002 [2 species]. Type species *Grandinaphodius inferorum* Ziani, 2002, by original designation.

Guanyinaphodius Masumoto & Kiuchi, 2001, as *Aphodius* (*Guanyinaphodius*) [1 species]. Type species *Aphodius* (*Guanyinaphodius*) *kishimotoi* Masumoto & Kiuchi, 2001, by original designation. Status revised to *Guanyinaphodius* by Král *et al.* (2016).

Harmodactylus Péringuey, 1901 [2 species]. Type species *Harmodactylus oscitans* Péringuey, 1901, by monotypy.

Haroldaphodius Bordat, 2003 [3 species]. Type species *Aphodius binodulus* Harold, 1866, by original designation.

Haroldiellus Gordon & Skelley, 2007 [3 species]. Type species *Aphodius sallei* Harold 1863, by original designation.

Hemicyclium Schmidt, 1914a, as *Aphodius* (*Hemicyclium*) [2 species]. Type species *Aphodius unicornutus* Schmidt, 1909, by subsequent designation of Paulian (1942). Status revised to *Hemicyclium* by Paulian (1942).

Heptaulacus Mulsant, 1842 [8 species]. Type species *Scarabaeus testudinarius* Fabricius, 1775, by subsequent designation of Lucas (1920).

Heptaulaculus Dellacasa & Baraud, 1978. Type species *Scarabaeus testudinarius* Fabricius, 1775, by original designation. Objective junior synonym of *Heptaulacus* Mulsant.

Hornosus Dellacasa, Dellacasa & Gordon, 2015a [2 species]. Type species *Aphodius larreae* Horn, 1887, by original designation.

Iberoaphodius Rössner, 2018 [1 species]. Type species *Aphodius* (*Melinopteris*) *dellacasai* Ávila, 1986, by original designation.

Indoblackburneus Mencl, Král & Rakovič, 2019 [6 species]. Type species *Aphodius minutissimus* Schmidt, 1908, by original designation.

Irrasinus Gordon & Skelley, 2007 [2 species]. Type species *Aphodius stupidus* Horn, 1870, by original designation.

Jalisco Dellacasa, Gordon & Dellacasa, 2004a [1 species]. Type species *Jalisco plumipes* Dellacasa, Gordon & Dellacasa, 2004, by original designation.

Karolinella Minkina, 2017 [1 species]. Type species *Karolinella karolinaezuzannae* Minkina, 2017, by original designation.

Koreoxyomus Kim, 1996 [1 species]. Type species *Koreoxyomus koreanus* Kim, 1996, by original designation.

Koshantschikovius Schmidt, 1914a, as *Aphodius* (*Koshantschikovius*) [27 species]. Type species *Aphodius substriatus* Schmidt, 1911, by subsequent designation of Paulian (1942). Status revised to *Koshantschikovius* by Paulian (1942).

Labarrus Mulsant & Rey, 1870a, as *Aphodius* (*Labarrus*) [19 species and 1 additional subspecies]. Type species *Scarabaeus lividus* Olivier, 1789, by monotypy. Status revised to *Labarrus* by Ádám (1994).

Aphodius (*Pseudocalamosternus*) Balthasar, 1936. Type species *Aphodius* (*Pseudocalamosternus*) *rigidus* Balthasar, 1936, by monotypy. Synonymy by Dellacasa *et al.* (2001).

Lechorodius Gordon & Skelley, 2007 [2 species]. Type species *Aphodius lutulentus* Haldeman, 1843, by original designation.

Limarus Mulsant & Rey, 1870a, as *Aphodius* (*Limarus*) [3 species]. Type species *Aphodius zenkeri* Germar, 1813, by monotypy. Status revised to *Limarus* by Ádám (1994).

Linargius Rakovič & Mencl, 2012 [1 species]. Type species *Linargius pangmalai* Rakovič & Mencl, 2012, by original designation.

Lindbergianus Petrovitz, 1961, as *Aphodius* (*Lindbergianus*) [1 species]. Type species *Aphodius* (*Lindbergianus*) *solitarius* Petrovitz, 1961, by monotypy. Status revised to *Lindbergianus* by Dellacasa *et al.* (2001).

Liothorax Motschulsky, 1859 (not *Liothorax* Mayr, 1875) [16 species and 1 additional subspecies]. Type species *Scarabaeus plagiatus* Linnaeus, 1767, by subsequent designation of Dellacasa (1983).

Ataeniomorphus Balthasar, 1952, as *Aphodius* (*Ataeniomorphus*). Type species *Aphodius* (*Ataeniomorphus*) *isikdagensis* Balthasar, 1952, by monotypy. Synonymy by Stebnicka (1990).

- Loboparius** Schmidt, 1914a, as *Aphodius* (*Loboparius*) [16 species and 3 additional subspecies]. Type species *Aphodius globulus* Harold, 1859, by subsequent designation of Paulian (1942). Status revised to *Loboparius* by Paulian (1942).
- Longaphodius** Endrödi, 1980, as *Aphodius* (*Longaphodius*) [1 species]. Type species *Aphodius* (*Longaphodius*) *namaquarum* Endrödi, 1980, by original designation. Status revised to *Longaphodius* by Dellacasa *et al.* (2001).
- Loraphodius** Reitter, 1892, as *Aphodius* (*Loraphodius*) [5 species]. Type species *Aphodius suarius* Faldermann, 1836, by original designation. Status revised to *Loraphodius* by Paulian (1942).
- Loraspis** Mulsant & Rey, 1870a, as *Aphodius* (*Loraspis*) [1 species]. Type species *Scarabaeus sulcatus* sensu Mulsant & Rey (1870a) (= *Aphodius frater* Mulsant & Rey, 1870b), by monotypy. Status revised to *Loraspis* by Adám (1994).
- Lorditomaeus** Péringuey, 1901 [27 species and 1 additional subspecies]. Type species *Aphodius deplanatus* Roth, 1851 (= *Lorditomaeus rothi* Bellman, 2023), by monotypy.
- Luxolinus** Gordon & Skelley, 2007 [1 species]. Type species *Aphodius luxatus* Horn, 1887, by original designation.
- Macroretroides** Bordat, Dellacasa & Dellacasa, 2000a [1 species]. Type species *Macroretroides lumareti* Bordat, Dellacasa & Dellacasa, 2000, by original designation.
- Macroretrus** Péringuey, 1908 [4 species]. Type species *Macroretrus singularis* Péringuey, 1908, by monotypy.
- Maculaphodius** Gordon & Skelley, 2007 [1 species]. Type species *Aphodius conspersus* Horn, 1887, by original designation.
- Mecynodes** Mulsant & Rey, 1870a, as *Aphodius* (*Mecynodes*) [12 species]. Type species *Aphodius parallelus* Mulsant, 1843 (= *Mecynodes striatulus* (Waltl, 1835)), by monotypy. Status revised to *Mecynodes* by Dellacasa *et al.* (2001).
- Aphodius* (*Esimaphodius*) Reitter, 1892. Type species *Aphodius leucopterus* Klug, 1845, by original designation. Synonymy by Dallacasa (1988).
- Aphodius* (*Meraphodius*) Koshantschikov, 1894. Type species *Aphodius kisilkumi* Solsky, 1876, by original designation. Synonymy with *Aphodius* (*Esymaphodius*) by Reitter (1896).
- Megateloides** Landin, 1974, as *Colobopter* (*Megateloides*) [2 species and 1 additional subspecies]. Type species *Aphodius dimidiatus* Roth, 1851, by original designation. Status revised to *Megateloides* by Dellacasa *et al.* (2001).
- Megatelus** Reitter, 1892, as *Aphodius* (*Megatelus*) [3 species]. Type species *Aphodius* (*Megatelus*) *scolytiformis* Reitter, 1892 (= *Megatelus brahminus* (Harold, 1879)), by subsequent designation of Paulian (1942). Status revised to *Megatelus* by Paulian (1942).
- Melinopter** Mulsant, 1842 [22 species and 2 additional subspecies]. Type species *Scarabaeus prodromus* Brahm, 1790, by subsequent designation of Reitter (1892).
- Mendidaphodius** Reitter, 1901, as *Aphodius* (*Mendidaphodius*) [28 species]. Type species *Aphodius* (*Mendidaphodius*) *spinifrontis* Reitter, 1901 (= *Mendidaphodius brancsiki* (Reitter, 1899)), by monotypy. Status revised to *Mendidaphodius* by Paulian (1942).
- Mendidius** Harold, 1868b [33 species]. Replacement name for *Cnemargus* Harold, 1866, not *Cnemargus* Motschulsky, 1845.
- Cnemargus* Harold, 1866. Type species *Aphodius fimbriolatus* Mannerheim, 1849, by subsequent designation of Reitter (1892).
- Aphodosurgames* Endrödi, 1964a. Type species *Aphodosurgames gobiensis* Endrödi, 1964, by original designation. Synonymy by Dellacasa (1988).
- Merogyrus** Gordon & Skelley, 2007 [1 species]. Type species *Aphodius rotundiceps* Fall, 1907, by original designation.
- Mesontoplatys** Motschulsky, 1863 [27 species]. Type species *Mesontoplatys rufolaterus* Motschulsky, 1863, by monotypy.
- Mesontoplapy*s: Motschulsky 1860. Unavailable name.
- Metoporaphodius** Frolov & Akhmetova, 2017, as *Aphodius* (*Metoporaphodius*) [2 species]. Type species *Aphodius* (*Volinus*) *plustschewskii* Koshantschikov, 1894, by original designation. Status revised to *Metoporaphodius* by Martínez *et al.* (2022).
- Microteuchestes** Landin, 1974, as *Colobopter* (*Microteuchestes*) [1 species]. Type species *Colobopter* (*Microteuchestes*) *brusewitszi* Landin, 1974, by original designation. Status revised to *Microteuchestes* by Dellacasa *et al.* (2001).

- Mothon** Semenov-Tjan-Shansky & Medvedev, 1927, as *Aphodius (Mothon)* [1 species]. Type species *Aphodius (Mothon) sarmaticus* Semenov-Tjan-Shansky & Medvedev, 1927, by monotypy. Status revised to *Mothon* by Semenov-Tjan-Shansky & Medvedev (1929).
- Mozartius** Nomura & Nakane, 1951 [4 species and 4 additional subspecies]. Type species *Mozartius testaceus* Nomura & Nakane, 1951, by monotypy.
- Neagolius** Koshantschikov, 1912, as *Aphodius (Neagolius)* [26 species and 4 additional subspecies]. Type species *Aphodius (Neagolius) falcispinis* Koshantschikov, 1912, by original designation. Status revised to *Neagolius* by Dellacasa *et al.* (2001).
- Neocalaphodius** Bordat, 1990b, as *Aphodius (Neocalaphodius)* [2 species]. Type species *Aphodius moestus* Fabricius, 1801, by original designation. Status revised to *Neocalaphodius* by Dellacasa *et al.* (2001).
- Neocolobopterus** Landin, 1974, as *Colobopterus (Neocolobopterus)* [7 species and 1 additional subspecies]. Type species *Aphodius abyssinicus* Harold, 1861, by original designation. Status revised to *Neocolobopterus* by Dellacasa *et al.* (2001).
- Neodiapterna** Dellacasa, 1986, as *Aphodius (Neodiapterna)* [2 species]. Type species *Aphodius erichsoni* Harold, 1861, by original designation. Status revised to *Neodiapterna* by Dellacasa *et al.* (2001).
- Neoemadiellus** Clément, 1986, as *Aphodius (Neoemadiellus)* Clément, 1986 [10 species]. Type species *Aphodius (Neoemadiellus) uxoris* Clément, 1986, by original designation. Status revised to *Neoemadiellus* by Dellacasa *et al.* (2001).
- Aphodius (Madagaphodius)* Bordat, 1990. Type species *Aphodius (Madagaphodius) didactylioides* Bordat, 1990, by original designation. Synonymy by Dellacasa *et al.* (2001).
- Neoheptaulacus** Paulian & Villiers, 1941 [2 species and 1 additional subspecies]. Type species *Aphodius puberulus* Boheman, 1857, by original designation.
- Trichaphodius (Schmidtaphodius)* Paulian, 1942. Type species *Aphodius hepaticolor* Quedenfeldt, 1884, by subsequent designation of Dellacasa (1988). Synonymy by Dellacasa *et al.* (2001).
- Neotrichaphodioides** Dellacasa, Dellacasa & Skelley, 2010 [5 species]. Type species *Aphodius volxemi* Harold, 1876, by original designation.
- Neotrichonotulus** Dellacasa, Gordon & Dellacasa, 2004b [3 species]. Type species *Aphodius inurbanus* Gordon & Howden, 1973, by original designation.
- Nialaphodius** Kolbe, 1908, as *Aphodius (Nialaphodius)* [2 species]. Type species *Aphodius nigrita* Fabricius, 1801, by monotypy. Status revised to *Nialaphodius* by Dellacasa *et al.* (2001).
- Nialosternus** Hollande & Therond, 1998, as *Aphodius (Nialosternus)* [2 species]. Type species *Aphodius sitiphoides* d'Orbigny, 1896 by monotypy. Status revised to *Nialosternus* by Dellacasa *et al.* (2001).
- Nialus** Mulsant & Rey, 1870a, as *Aphodius (Nialus)* [11 species]. Type species *Aphodius varians* Duftschmid, 1805, by subsequent designation of Reitter (1892). Status revised to *Nialus* by Paulian (1942).
- Nimbus** Mulsant & Rey, 1870a, as *Aphodius (Nimbus)* [13 species and 1 additional subspecies]. Type species *Aphodius obliterated* Sturm, 1823, by subsequent designation of Reitter (1892). Status revised to *Nimbus* by Ádám (1994). Note: Reitter (1892) incorrectly spelt *Nimbus* as “*Nimbis*”.
- Nipponaphodius** Nakane, 1959, as *Aphodius (Nipponaphodius)* [1 species]. Type species *Aphodius (Tristapliodius) gotoi* Nomura & Nakane, 1951, by original designation. Status revised to *Nipponaphodius* by Dellacasa *et al.* (2001).
- Nipponoagoliinus** Ochi & Kawahara, 2001, as *Aphodius (Nipponoagoliinus)* [1 species]. Type species *Aphodius (Nipponoagoliinus) yasutakai* Ochi & Kawahara, 2001, by original designation. Status revised to *Nipponoagoliinus* by Dellacasa *et al.* (2016c).
- Nobiellus** Dellacasa & Dellacasa, 2005 [4 species]. Type species *Aphodius (Melinopteris) bonnairei* Reitter, 1892, by original designation.
- Nobius** Mulsant & Rey, 1870a, as *Aphodius (Nobius)* [9 species]. Type species *Scarabaeus serotinus* Creutzer, 1799, by subsequent designation of Reitter (1892). Status revised to *Nobius* by Paulian (1942).
- Nolicus** Petrovitz, 1962, as *Aphodius (Nolicus)* [2 species]. Type species *Aphodius (Nolicus) veteranus* Petrovitz, 1962, by original designation. Status revised to *Nolicus* by Dellacasa *et al.* (2001).
- Obaphodius** Bordat, 1988, as *Aphodius (Obaphodius)* [1 species]. Type species *Aphodius (Obaphodius) silvestris* Bordat, 1988, by original designation. Status revised to *Obaphodius* by Dellacasa *et al.* (2001).

- Odontacrossus** Dellacasa, Král, Dellacasa & Bordat, 2014 [4 species]. Type species *Aphodius obenbergeri* Balthasar, 1932, by original designation.
- Odontoxyomus** Král, Rakovič & Mencl, 2015 [2 species]. Type species *Odontoxyomus denticlypeatus* Král, Rakovič & Mencl, 2015, by original designation.
- Orammoecius** Král, Rakovič & Mencl, 2016 [6 species]. Type species *Orammoecius russulae* Král, Rakovič & Mencl, 2016, by original designation.
- Orodaliscoides** Schmidt, 1914a, as *Aphodius* (*Orodaliscoides*) [4 species]. Type species *Aphodius rugosiceps* Harold, 1859, by subsequent designation of Dellacasa (1988). Status revised to *Orodaliscoides* by Dellacasa *et al.* (2001).
- Orodaliscus** Reitter, 1900, as *Aphodius* (*Orodaliscus*) [5 species]. Type species *Aphodius* (*Orodaliscus*) *rotundangulus* Reitter, 1900, by monotypy. Status revised to *Orodaliscus* by Dellacasa *et al.* (2001).
- Oromus** Mulsant & Rey, 1870a, as *Aphodius* (*Oromus*) [2 species]. Type species *Scarabaeus alpinus* Scopoli, 1763, by subsequent designation of Reitter (1892). Status revised to *Oromus* by Ádám (1994).
- Oscarinus** Gordon & Skelley, 2007 [19 species]. Type species *Aphodius crassulus* Horn, 1870, by original designation.
- Osmanius** Branco & Baraud, 1988 [3 species]. Type species *Paracoptochirus balthasari* Petrovitz, 1963, by original designation.
- Otophorus** Mulsant, 1842 [1 species]. Type species *Scarabaeus haemorrhoidalis* Linnaeus, 1758, by monotypy.
- Oxycorythus** Solsky, 1876 [1 species]. Type species *Oxycorythus morawitzi* Solsky, 1876, by monotypy.
- Oxyomoides** Dellacasa, Dellacasa & Gordon, 2016b [3 species]. Type species *Aphodius sepultus* Cartwright, 1944, by original designation.
- Oxyomus** Dejean, 1833 [26 species]. Type species *Scarabaeus porcatus* Fabricius, 1775 (= *Oxyomus sylvestris* (Scopoli, 1763)), by subsequent designation of Westwood (1838a).
- Amidorinus* Koshantschikov, 1912, as *Aphodius* (*Amidorinus*). Type species *Amidorinus rosti* Koshantschikov, 1912, by monotypy. Synonymy by Schmidt (1922).
- Ozodius** Skelley, 2007a [4 species]. Type species *Aphodius neglectus* Schmidt, 1912, by original designation.
- Parabodilus** Hollande & Thérond, 1998, as *Aphodius* (*Parabodilus*) [1 species and 1 additional subspecies]. Type species *Aphodius wollastoni* Harold, 1862, by original designation. Status revised to *Parabodilus* by Dellacasa & Dellacasa (2005).
- Paracoptochirus** Balthasar, 1963a [4 species]. Type species *Coptochirus singularis* Harold, 1868, by original designation.
- Paracrossidius** Balthasar, 1932a, as *Aphodius* (*Paracrossidius*) [11 species]. Type species *Aphodius* (*Paracrossidius*) *instigator* Balthasar, 1932, by original designation. Status revised to *Paracrossidius* by Dellacasa *et al.* (2001).
- Paradeloparius** Landin, 1959, as *Aphodius* (*Paradeloparius*) [4 species]. Type species *Aphodius circumdatus* Klug, 1855, by original designation. Status revised to *Paradeloparius* by Dellacasa *et al.* (2001).
- Paradidactylia** Balthasar, 1937 [24 species]. Type species *Paradidactylia atra* Balthasar, 1937 (= *Paradidactylia venaloides* Endrödi, 1960), by monotypy.
- Paradoaphius** Bordat, 2022 [2 species]. Type species *Koshantschikovius buchamaensis* Bordat, 2005, by original designation.
- Parammoecius** Seidlitz, 1888, as *Aphodius* (*Parammoecius*) [7 species]. Type species *Aphodius gibbus* Germar, 1817, by subsequent designation of Balthasar (1964a). Status revised to *Parammoecius* by Dellacasa *et al.* (2001).
- Amalus* Mulsant & Rey, 1870a, as *Ammoecius* (*Amalus*) (not *Amalus* Schönherr, 1825). Type species *Ammoecius pyrenaeus* Jacquelin du Val, 1860, by monotypy. Synonymy by Seidlitz (1888).
- Paranimbus** Schmidt, 1914a, as *Aphodius* (*Paranimbus*) [4 species]. Type species *Aphodius peruanus* Erichson, 1834, by monotypy. Status revised to *Paranimbus* by Dellacasa *et al.* (2001).
- Paratrichaphodius** Bordat, 2013 [3 species]. Type species *Aphodius sericeus* Schmidt, 1909, by original designation.
- Pardalosus** Gordon & Skelley, 2007 [7 species]. Type species *Aphodius pardalis* LeConte, 1857, by original designation.
- Paulianellus** Balthasar, 1938b, as *Aphodius* (*Paulianellus*) [11 species]. Type species *Aphodius* (*Paulianellus*) *maderi* Balthasar, 1938, by monotypy. Status revised to *Paulianellus* by Dellacasa *et al.* (2001).

- Phaeaphodius** Reitter, 1892, as *Aphodius* (*Phaeaphodius*) [11 species]. Type species *Aphodius solskyi* Harold, 1871 (= *Phaeaphodius rectus* (Motschulsky, 1866)), by original designation. Status revised to *Phaeaphodius* by Paulian (1942).
- Aphodius* (*Limaroides*) Balthasar, 1932b. Type species *Aphodius* (*Limaroides*) *kiulungensis* Balthasar, 1932, by monotypy. Synonymy by Stebnicka & Galante (1991).
- Phalacrothothus** Motschulsky, 1859 [13 species]. Type species *Scarabaeus quadrimaculatus* Linnaeus, 1761, by monotypy. Note: Schmidt (1910) incorrectly spelt *Phalacrothothus* as “*Phalacrothotus*”.
- Aphodius* (*Emadus*) Mulsant & Rey, 1870a. Type species *Scarabaeus quadrimaculatus* Linnaeus, 1761, by subsequent designation of Dellacasa (1988). Objective junior synonym of *Phalacrothothus* Motschulsky.
- Aphodius* (*Caenaphodius*) Balthasar, 1936. Type species *Aphodius* (*Caenaphodius*) *asperolineatus* Balthasar, 1936, by monotypy. Synonymy by Dellacasa *et al.* (2001).
- Aphodius* (*Paragolius*) Balthasar, 1945a. Type species *Aphodius* (*Paragolius*) *botulus* Balthasar, 1945, by monotypy. Synonymy by Dellacasa (1988).
- Pharaphodius** Reitter, 1892, as *Aphodius* (*Pharaphodius*) [95 species and 2 additional subspecies]. Type species *Scarabaeus marginellus* Fabricius, 1781, by subsequent designation of Paulian (1942). Status revised to *Pharaphodius* by Paulian (1942).
- Pholeoaphodius** Bordat, 2009 [5 species]. Type species *Koshantschikovius kalungwensis* Paulian, 1954, by original designation.
- Plagiogonus** Mulsant, 1842 [29 species]. Type species *Scarabaeus arenarius* Olivier, 1789 (= *Plagiogonus putridus* (Geoffroy, 1785)), by monotypy.
- Oloperus* Mulsant & Rey, 1870a. Type species *Aphodius nanus* Fairmaire, 1860, by monotypy. Synonymy by Dellacasa (1988).
- Aphodius* (*Eccoaptaphodius*) Iablokov-Khnzorian, 1964. Type species *Aphodius* (*Eccoaptaphodius*) *avetissiani* Iablokov-Khnzorian, 1964, by original designation. Synonymy by Nikolajev (1974).
- Planolinellus** Dellacasa & Dellacasa, 2005 [3 species]. Type species *Aphodius vittatus* Say, 1825, by original designation.
- Planolinoides** Dellacasa & Dellacasa, 2005 [5 species]. Type species *Aphodius borealis* Gyllenhal, 1827, by original designation.
- Planolinus** Mulsant & Rey, 1870a, as *Aphodius* (*Planolinus*) [4 species]. Type species *Scarabaeus fasciatus* Olivier, 1789, by subsequent designation of Dellacasa (1983). Status revised to *Planolinus* by Ádám (1994).
- Platyderides** Schmidt, 1917, as *Aphodius* (*Platyderides*) Schmidt, 1917 [5 species]. Replacement name for *Aphodius* (*Platyderus*) Schmidt, 1914, not *Platyderus* Stephens, 1827, nor *Platyderus* Kirby, 1837. Status revised to *Platyderides* by Dellacasa *et al.* (2001).
- Aphodius* (*Platyderus*) Schmidt, 1914a. Type species *Aphodius arrowi* Schmidt, 1910, by monotypy.
- Thaiaphodius* Masumoto, 1991. Type species *Aphodius* (*Thaiaphodius*) *doiangkhangensis* Masumoto, 1991, by original designation. Synonymy by Červenka (1995).
- Pleuraphodius** Schmidt, 1914a, as *Aphodius* (*Pleuraphodius*) [90 species]. Type species *Aphodius mutilus* Schmidt, 1911, by subsequent designation of Paulian (1942). Status revised to *Pleuraphodius* by Paulian (1942).
- Podotenoides** Paulian, 1942 [1 species]. Type species *Podotenoides jeanneli* Paulian, 1942 (= *Podotenoides jeannelianus* (Balthasar, 1945), unnecessary replacement name), by original designation.
- Podotenus** Schmidt, 1914a, as *Aphodius* (*Podotenus*) [33 species]. Type species *Aphodius insignior* Blackburn, 1904, by subsequent designation of Dellacasa (1988). Status revised to *Podotenus* by Stebnicka & Howden (1994).
- Trogaphodius* Balthasar, 1965a. Type species *Trogaphodius tuberculatus* Balthasar, 1965 (= *Podotenus insignior* (Blackburn, 1904)), by original designation. Synonymy by Petrovitz (1971).
- Pseudacrossus** Reitter, 1892, as *Aphodius* (*Pseudacrossus*) [17 species and 2 additional subspecies]. Type species *Aphodius grombczewskyi* Koshantschikov, 1891, by original designation. Status revised to *Pseudacrossus* by Paulian (1942).
- Pseudagolius** Schmidt, 1914a, as *Aphodius* (*Pseudagolius*) [4 species]. Type species *Aphodius coloradensis* Horn, 1870, by subsequent designation of Dellacasa (1983). Status revised to *Pseudagolius* by Dellacasa *et al.* (2001).
- Pseuderytus** Hollande & Thérond, 1998, as *Aphodius* (*Pseuderytus*) [1 species]. Type species *Aphodius* (*Erytus*) *chobauti* Clouët des Pesruches, 1896, by monotypy. Status revised to *Pseuderytus* by Dallacasa & Dallacasa (2002).

- Pseudesymus** d'Orbigny, 1896, as *Aphodius* (*Pseudesymus*) [1 species]. Type species *Aphodius lucidus* Klug, 1845, by monotypy. Status revised to *Pseudesymus* by Dellacasa *et al.* (2001).
- Pseudoagoliinus** Bordat, 1994, as *Aphodius* (*Pseudoagoliinus*) [4 species]. Type species *Aphodius* (*Pseudoagoliinus*) *sinuatipes* Bordat, 1994, by original designation. Status revised to *Pseudoagoliinus* by Dellacasa *et al.* (2001).
- Pseudoahermodontus** Dellacasa & Dellacasa, 1997 [1 species]. Type species *Pseudoahermodontus benesi* Dellacasa & Dellacasa, 1997, by original designation.
- Pseudoblackburneus** Bordat, 2016 [2 species]. Type species *Pseudoblackburneus hulai* Bordat, 2016, by original designation.
- Pseudocoelotrachelus** Dellacasa, Dellacasa & Gordon, 2013 [2 species]. Type species *Pseudocoelotrachelus tristaobrancoi* Dellacasa, Dellacasa & Gordon, 2013, by original designation.
- Pseudogonaphodiellus** Dellacasa, Gordon & Dellacasa, 2007 [1 species]. Type species *Pseudogonaphodiellus zdzislawae* Dellacasa, Gordon & Dellacasa, 2007, by original designation.
- Pseudoheptaulacus** Dellacasa & Dellacasa, 2000a [4 species]. Type species *Heptaulacus iniquus* Schmidt, 1909, by original designation.
- Pseudopharaphodius** Bordat, 1990b, as *Aphodius* (*Pseudopharaphodius*) [19 species]. Type species *Aphodius anthrax* Gerstücker, 1871, by original designation. Status revised to *Pseudopharaphodius* by Dellacasa *et al.* (2001).
- Pseudopodotenus** Dellacasa, 1992, as *Aphodius* (*Pseudopodotenus*) [1 species]. Type species *Aphodius fulviventris* Fairmaire & Germain, 1860, by original designation. Status revised to *Pseudopodotenus* by Dellacasa *et al.* (2001).
- Pseudotetraclipeoides** Dellacasa, Dellacasa & Gordon, 2015b [1 species]. Type species *Pseudotetraclipeoides tetraodon* Dellacasa, Dellacasa & Gordon, 2015, by original designation.
- Pseudoteuchestes** Dellacasa, 1986, as *Aphodius* (*Pseudoteuchestes*) [1 species]. Type species *Aphodius* (*Teuchestes*) *schirparakensis* Petrovitz, 1955, by original designation. Status revised to *Pseudoteuchestes* by Dellacasa *et al.* (2001).
- Pubinus** Mulsant & Rey, 1870a, as *Aphodius* (*Pubinus*) [1 species]. Type species *Scarabaeus lutarius* Fabricius, 1792 (= *Pubinus tomentosus* (Müller, 1776)), by monotypy. Status revised to *Pubinus* by Dellacasa *et al.* (2001).
- Qingaphodius** Král, 1997, as *Aphodius* (*Qingaphodius*) [2 species]. Type species *Aphodius* (*Qingaphodius*) *nikodymi* Král, 1997, by original designation. Status revised to *Qingaphodius* by Dellacasa *et al.* (2001).
- Renaudius** Balthasar, 1951 [2 species]. Type species *Heptaulacus tesari* Paulian, 1942, by original designation.
- Rhodaphodius** Ádám, 1994 [1 species]. Type species *Scarabaeus foetens* Fabricius, 1787, by original designation.
- Rugaphodius** Gordon & Skelley, 2007 [1 species]. Type species *Aphodius rugifrons* Horn, 1871 (= *Aphodius rugatus* Schmidt, 1907), by original designation.
- Sahlbergianus** Dellacasa & Dellacasa, 2000b [1 species]. Type species *Aphodius* (*Erytus*) *longissimus* Sahlberg, 1908, by original designation.
- Sariangus** Rakovič & Mencl, 2011 [1 species]. Type species *Sariangus sariangi* Rakovič & Mencl, 2011, by original designation.
- Scabrostomus** Gordon & Skelley, 2007 [7 species]. Type species *Aphodius peculiaris* Schmidt, 1922, by original designation.
- Schaefferellus** Gordon & Skelley, 2007 [1 species]. Type species *Aphodius arizonensis* Schaeffer, 1907, by original designation.
- Serraphodius** Kabakov in Kabakov & Frolov, 1996, as *Aphodius* (*Serraphodius*) [2 species]. Type species *Aphodius* (*Amidorus*) *circassicus* Reitter, 1892, by original designation. Status revised to *Serraphodius* by Shokhin (2007).
- Setodius** Gordon & Skelley, 2007 [3 species]. Type species *Aphodius suspectus* Mann, 1911, by original designation.
- Siamaphodius** Masumoto, 1991, as *Aphodius* (*Siamaphodius*) [1 species]. Type species *Aphodius* (*Siamaphodius*) *naafon* Masumoto, 1991, by original designation. Status revised to *Siamaphodius* by Dellacasa *et al.* (2001).
- Sigorus** Mulsant & Rey, 1870a, as *Aphodius* (*Sigorus*) [1 species]. Type species *Scarabaeus porcus* Fabricius, 1792, by monotypy. Status revised to *Sigorus* by Ádám (1994).
- Simogonius** Harold, 1871 [5 species]. Type species *Simogonius beccarii* Harold, 1871, by monotypy.

Liparochirus Péringuey, 1901. Type species *Liparochirus simplex* Péringuey, 1901, by monotypy. Synonymy by Schmidt (1910).

Sinaphodius Červenka, 1994, as *Aphodius* (*Sinaphodius*) [7 species]. Type species *Aphodius* (*Sinaphodius*) *yunnanus* Červenka, 1994, by original designation. Status revised to *Sinaphodius* by Dellacasa *et al.* (2011).

Sinodiapterna Dellacasa, 1986, as *Aphodius* (*Sinodiapterna*) [7 species]. Type species *Aphodius* (*Teuchestes*) *troitzkyi* Jacobson, 1897, by original designation. Status revised to *Sinodiapterna* by Dellacasa *et al.* (2001).

Sitiphus Fairmaire, 1894 [3 species]. Type species *Sitiphus brisouti* Fairmaire, 1894 (= *Sitiphus brevitarsis* (Reitter, 1894)), by monotypy.

Skelleyanus Dellacasa, Dellacasa, Gordon & Stebnicka, 2011 [1 species]. Type species *Skelleyanus eremita* Dellacasa, Dellacasa, Gordon & Stebnicka, 2011, by original designation.

Sphaeraphodius Kakizoe, Jiang & Wang, 2021 [1 species]. Type species *Sphaeraphodius gaohani* Kakizoe, Jiang & Wang, 2021, by original designation.

Stenotothorax Schmidt, 1914a, as *Aphodius* (*Stenotothorax*) [31 species and 1 additional subspecies]. Type species *Aphodius oblongus* Say, 1823 (= *Stenotothorax badipes* (Melsheimer, 1845)), by subsequent designation of Balthasar (1964). Status revised to *Stenotothorax* by Dellacasa *et al.* (2001). Note: Schmidt (1914b) incorrectly spelt *Stenotothorax* as “*Stenothorax*”.

Aphodius (*Stenobronchus*) Schmidt, 1917. Unnecessary replacement name for the misspelling *Stenothorax* Schmidt.

Strigodius Gordon & Skelley, 2007 [1 species]. Type species *Aphodius robinsoni* Cartwright, 1939, by original designation.

Subrinus Mulsant & Rey, 1870a, as *Aphodius* (*Subrinus*) [6 species]. Type species *Aphodius illigeri* Harold, 1870 (= *Subrinus sturmi* (Harold, 1870)), by monotypy. Status revised to *Subrinus* by Ádám (1994).

Sugrames Reitter, 1894 [5 species]. Type species *Aphodius* (*Mendidius*) *auriculatus* Reitter, 1892, by subsequent designation of Lucas (1920).

Sugrames (*Pseudosugrames*) Kieseritzky, 1928. Type species *Sugrames* (*Pseudosugrames*) *reichardtii* Kieseritzky, 1928, by original designation. Synonymy by Dellacasa *et al.* (2001).

Sussorca Paulian, 1954, as *Aphodius* (*Sussorca*) [1 species]. Type species *Acrossus* (*Sussorca*) *lusingae* Paulian, 1954, by original designation. Status revised to *Sussorca* by Dellacasa *et al.* (2001).

Sybox Boheman, 1857 [3 species]. Type species *Sybox sulcicollis* Boheman, 1857, by subsequent designation of Lucas (1920).

Hypoplatys Harold, 1859. Type species *Hypoplatys helophoroides* Harold, 1859 (= *Sybox impressicollis* Boheman, 1857), by monotypy. Synonymy by Harold (1861).

Symphodon Schmidt, 1914a, as *Aphodius* (*Symphodon*) [1 species]. Type species *Aphodius anomalus* Harold, 1874, by monotypy. Status revised to *Symphodon* by Dellacasa *et al.* (2001).

Tetraclipeoides Schmidt, 1914a, as *Aphodius* (*Tetraclipeoides*) [13 species]. Type species *Aphodius denticulatus* Haldeman, 1848, by subsequent designation of Paulian (1942). Status revised to *Tetraclipeoides* by Paulian (1942).

Teuchestes Mulsant, 1842 [10 species and 1 additional subspecies]. Type species *Scarabaeus fossor* Linnaeus, 1758, by monotypy.

Trichaphodiellus Schmidt, 1914a, as *Aphodius* (*Trichaphodiellus*) [1 species]. Type species *Aphodius brasiliensis* Laporte, 1840, by monotypy. Status revised to *Trichaphodiellus* by Dellacasa *et al.* (2001).

Trichaphodioides Paulian, 1942 [19 species]. Type species *Aphodius calcaratus* Boheman, 1857, by original designation.

Trichaphodius Schmidt, 1914a, as *Aphodius* (*Trichaphodius*) [41 species and 1 additional subspecies]. Type species *Aphodius humilis* Roth, 1851, by subsequent designation of Paulian (1942). Status revised to *Trichaphodius* by Paulian (1942).

Strongylothorax: Motschulsky 1859 (not *Strongylothorax* André, 1937). Unavailable name. Note: Dellacasa (1988) incorrectly spelt *Strongylothorax* as “*Strongilothorax*”.

Trichioaparammoecius Minkina, 2018 [1 species]. Type species *Trichioaparammoecius angusi* Minkina, 2018, by original designation.

Trichonotuloides Balthasar, 1945a, as *Aphodius* (*Trichonotuloides*) [5 species]. Type species *Aphodius fossulatipennis* Balthasar, 1945, by monotypy. Status revised to *Trichonotuloides* by Dellacasa *et al.* (2001).

Trichonotulus Bedel, 1911b, as *Aphodius* (*Trichonotulus*) [25 species]. Replacement name for *Trichonotus* Mulsant, 1842, not *Trichonotus* Schneider, 1801. Status revised to *Trichonotulus* by Paulian (1942).

Trichonotus Mulsant, 1842. Type species *Scarabaeus scrofa* Fabricius, 1787, by monotypy.

Trichoparadidactylia Bordat, 2022 [1 species]. Type species *Aphodius* (*Trichonotulus*) *kindianus* Petrovitz, 1958, by original designation.

Tristaphodius Balthasar, 1932a, as *Aphodius* (*Tristaphodius*) [2 species]. Type species *Aphodius* (*Tristaphodius*) *mortuorum* Balthasar, 1932, by monotypy. Status revised to *Tristaphodius* by Dellacasa *et al.* (2001).

Turanella Semenov, 1905 [1 species]. Replacement name for *Isochirus* Reitter, 1892, not *Isochirus* Desmarest, 1823.

Isochirus Reitter, 1892. Type species *Aphodius latevittis* Reitter, 1887, by monotypy.

Vladimirellus Dellacasa, Dellacasa & Bordat, 2002 [1 species]. Type species *Aphodius* (*Amoecius*) *socors* Balthasar, 1967, by original designation.

Volinus Mulsant & Rey, 1870a, as *Aphodius* (*Volinus*) [1 species]. Type species *Scarabaeus sticticus* Panzer, 1798, by subsequent designation of Reitter (1892). Status revised to *Volinus* by Paulian (1942).

Xenoheptaulacus Hinton, 1934 [1 species]. Type species *Xenoheptaulacus carinator* Hinton, 1934 (= *Xenoheptaulacus tricostatus* (Harold, 1869)), by original designation.

Xeropsamobeus Saylor, 1937 [10 species]. Type species *Psammodytes desertus* VanDyke, 1918, by original designation.

Youngaphodius Bordat, 1988, as *Aphodius* (*Youngaphodius*) [1 species]. Type species *Aphodius* (*Blackburneus*) *agullasi* Endrödi, 1983, by original designation. Status revised to *Youngaphodius* by Dellacasa *et al.* (2001).

Subtribe Didactyliina Pittino, 1984 (4 genera)

Aidophus Balthasar, 1963a, as *Aphodius* (*Aidophus*) [13 species]. Type species *Aphodius* (*Aidophus*) *paraguayanus* Balthasar, 1963 (= *Aidophus infuscatopennis* (Schmidt, 1909)), original designation. Status revised to *Aidophus* by Dellacasa *et al.* (2001).

Didactylia d'Orbigny, 1896 [26 species]. Type species *Aphodius pallicolor* Fairmaire, 1886, by monotypy.

Glaraphodius Balthasar, 1941a. Type species *Glaraphodius somalicus* Balthasar, 1941, by original designation. Synonymy by Dellacasa *et al.* (2001).

Nataia Endrödi, 1961. Type species *Nataia szunyoghyi* Endrödi, 1961, by original designation. Synonymy by Dellacasa *et al.* (2001).

Pseudomothon Pittino, 1984 [2 species]. Type species *Pseudomothon arabicus* Pittino, 1984, by original designation.

Trigonoscelus Petrovitz, 1963, as *Aphodius* (*Trigonoscelus*) [5 species]. Type species *Aphodius* (*Trigonoscelus*) *coelebs* Petrovitz, 1963, by original designation. Status revised to *Trigonoscelus* by Petrovitz (1980).

Subtribe Proctophanina Stebnicka & Howden, 1995 (8 genera)

Australaphodius Balthasar, 1942b, as *Aphodius* (*Australaphodius*) [3 species]. Type species *Aphodius* (*Australaphodius*) *melbournicus* Balthasar, 1942 (= *Australaphodius frenchi* (Blackburn, 1892)), by monotypy. Status revised to *Australaphodius* by Bordat (1990a).

Coptochirus Harold, 1859 [11 species]. Type species *Coptochirus pteropus* Harold, 1859, by monotypy.

Drepanocanthus Péringuey, 1901 [2 species]. Type species *Aphodius lineatus* Wiedemann, 1823, by subsequent designation of Lucas (1920).

Goiginus Endrödi, 1982 [2 species]. Type species *Goiginus howdeni* Endrödi, 1982, by original designation.

Harmogaster Harold, 1861 [5 species]. Type species *Harmogaster exarata* Harold, 1861, by monotypy.

Odontaphodius Schmidt, 1907. Type species *Odontaphodius tenebrioides* Schmidt, 1907, by monotypy. Synonymy by Schmidt (1910).

Proctophanes Harold, 1861 [8 species]. Type species *Aphodius sculptus* Hope, 1848, by monotypy.

Proctammodes Blackburn, 1892. Unnecessary replacement name for *Proctophanes* Harold.

Pseudodrepanocanthus Bordat, 1993, as *Drepanocanthus* (*Pseudodrepanocanthus*) [3 species]. Type species *Harmogaster nasuta* Harold, 1869, by original designation. Status revised to *Pseudodrepanocanthus* by Dellacasa *et al.* (2001).

Pseudoxyomus Petrovitz, 1962 [14 species]. Type species *Pseudoxyomus rubescens* Petrovitz, 1962, by original designation.

Tribe Corythoderini Schmidt, 1910
(6 genera)

Chaetopisthes Westwood, 1847b [20 species]. Type species *Chaetopisthes fulvus* Westwood, 1847, by monotypy.

Chaetopisthes (Chaetopisthides) Wasmann, 1918. Type species *Chaetopisthes sulciger* Wasmann, 1899, by monotypy.

Chaetopisthes (Miochaetopisthes) Tangelder & Krikken, 1982. Type species *Chaetopisthes (Miochaetopisthes) cincinnatus* Tangelder & Krikken, 1982, by original designation.

Chaetopisthes (Neochaetopisthes) Wasmann, 1918. Type species *Chaetopisthes assmuthi* Wasmann, 1911, by subsequent designation of Tangelder & Krikken (1982).

Corythoderus Klug, 1845 [3 species]. Type species *Corythoderus loripes* Klug, 1845, by monotypy.

Corythoderus (Eurycorythoderus) Wasmann, 1918, as *Eurycorythoderus*. Type species *Corythoderus gibbiger* Wasmann, 1899, by original designation. Status revised to *Eurycorythoderus* by Tangelder & Krikken (1982).

Corythoderus (Stenocorythoderus) Wasmann, 1918, as *Stenocorythoderus*. Type species *Stenocorythoderus braminus* Wasmann, 1918, by original designation. Status revised to *Corythoderus (Stenocorythoderus)* by Tangelder & Krikken (1982).

Eocorythoderus Marumaya, 2012 [1 species]. Type species *Eocorythoderus incredibilis* Marumaya, 2012, by original designation.

Hemicorythoderus Tangelder & Krikken, 1982 [1 species]. Type species *Corythoderus vaneyeni* Paulian, 1947, by original designation.

Paracorythoderus Wasmann, 1918 [4 species]. Type species *Corythoderus marshalli* Brauns, 1900, by original designation.

Termitopisthes Wasmann, 1918 [7 species]. Type species *Chaetopisthes wasmanni* Schmidt, 1910, by original designation.

Tribe Eupariini Schmidt, 1910
(42 genera)

Afroataenius Petrovitz, 1969 [1 species]. Type species *Afroataenius singularis* Petrovitz, 1969, by original designation.

Airapus Stebnicka & Howden, 1996 [37 species]. Type species *Aulonocnemis sumatrae* Fairmaire, 1896, by original designation.

Anaetius Petrovitz, 1969 [2 species]. Type species *Anaetius kuijteni* Petrovitz, 1969, by original designation.

Pseudosaprosites Balthasar, 1972. Type species *Pseudosaprosites deplanatus* Balthasar, 1972, by original designation. Synonymy by Král & Batelka (2017).

Annegialia Howden, 1971 [1 species]. Type species *Annegialia ataeniformis* Howden, 1971, by original designation.

Aphotaenius Cartwright, 1952 [8 species]. Type species *Ataenius carolinus* VanDyke, 1928, by original designation.

Arupaia Stebnicka, 1999a [1 species]. Type species *Euparia friedenreichi* Harold, 1870, by original designation.

Ataeniopsis Petrovitz, 1973 [15 species]. Type species *Ataeniopsis notabilis* Petrovitz, 1973, by original designation.

Ataenius Harold, 1867b [296 species and 1 additional subspecies]. Type species *Ataenius scutellaris* Harold, 1867, by subsequent designation of Chapin (1940). Placed on the Official List of Specific Names in Zoology (ICZN 2010).

Aphodius Motschulsky, 1862. Type species *Aphodius castanicolor* Motschulsky, 1858, by subsequent designation of Dellacasa *et al.* (2001). Reversal of priority by ICZN (2010).

Hexalus Mulsant & Rey, 1870b. Type species *Hexalus simplicipes* Mulsant & Rey, 1870, by monotypy. Synonymy by Schmidt (1910).

Aphodius (Pseudammoecius) Schmidt, 1914a. Type species *Aphodius australasiae* Boheman, 1858, by monotypy. Synonymy by Dellacasa *et al.* (2001).

Ataenius (Stenataenius) Chalumeau, 1982, as. Type species *Ataenius (Stenataenius) jelineki* Chalumeau, 1982, by original designation. Synonymy by Dellacasa (1988).

Placopterus: Chalumeau 1983 (not *Placopterus* Wolcott, 1910). Unavailable name.

Australammoecius Petrovitz, 1958b [6 species]. Type species *Australammoecius demarzi* Petrovitz, 1958 (= *Australammoecius coloratus* (Blackburn, 1904)), by original designation.

Batesiana Chalumeau, 1983 (not *Batesiana* Erwin, 1994) [2 species]. Type species *Euparia tuberculata* Bates, 1887, by original designation.

Bobiricola Endrődi, 1973 [1 species]. Type species *Bobiricola endroedyyoungai* Endrődi, 1973, by original designation.

Bruchaphodius Martínez, 1952 [3 species]. Type species *Euparia bruchi* Schmidt, 1922, by original designation.

Cartwrightia Islas, 1958 [3 species]. Type species *Cartwrightia intertribalis* Islas, 1958, by monotypy.

Cnematoplatys Schmidt, 1914a [7 species]. Type species *Cnematoplatys benardi* Schmidt, 1914, by monotypy.

Neosaprosites Endrődi, 1951. Type species *Neosaprosites cylindricus* Endrődi, 1951, by original designation. Synonymy by Stebnicka & Howden (1996).

Euparia Le Peletier de Saint-Fargeau & Audinet-Serville, 1828 [6 species]. Type species *Euparia castanea* Le Peletier de Saint-Fargeau & Audinet-Serville, 1828, by monotypy.

Auperia Jacquelin du Val, 1857. Unnecessary replacement name for *Euparia* Le Peletier de Saint-Fargeau & Audinet-Serville.

Euparixia Brown, 1927 [10 species]. Type species *Euparixia duncani* Brown, 1927, by monotypy.

Euparixoides Hinton, 1936 [5 species]. Type species *Euparixoides cribratus* Hinton, 1936, by monotypy.

Euparotrix Stebnicka & Howden, 1996 [1 species]. Type species *Euparia squamosa* Lea, 1923, by original designation.

Flechtmanniella Stebnicka, 1999b [1 species]. Replacement name for *Flechtmannia* Stebnicka, 1999, not *Flechtmannia* Kiefer, 1979.

Flechtmannia Stebnicka, 1999a. Type species *Euparia laticollis* Petrovitz, 1973, by original designation.

Haroldiataenius Chalumeau, 1981 [9 species]. Type species *Ataenius mariarum* Bates, 1887, by original designation.

Sayloria Chalumeau, 1981, as *Sayloria* (*Haroldiataenius*). Type species *Ataenius hintoni* Saylor, 1933, by original designation. Synonymy by Stebnicka & Skelley (2009a).

Iarupea Martínez, 1953a [5 species]. Type species *Iarupea lopeteguii* Martínez, 1953, by original designation.

Iarupoides: Chalumeau in Chalumeau & Howden, 1984. Unavailable name.

Iguazua Stebnicka, 1997 [3 species]. Type species *Iguazua lilloana* Stebnicka, 1997, by original designation.

Lomanoxia Martínez, 1951a [7 species]. Type species *Euparia costulata* Harold, 1867, by original designation.

Lomanoxoides Stebnicka, 1999a [7 species]. Type species *Euparia bitubericollis* Schmidt, 1909, by original designation.

Lomanoxoides: Chalumeau in Chalumeau & Howden, 1984. Unavailable name.

Martineziana Chalumeau & Özdikmen, 2006 [6 species]. Replacement name for *Martineziella* Chalumeau, 1986, not *Martineziella* Hegner & Hewitt, 1941.

Martinezia Chalumeau, 1983. Type species *Oxyomus excavaticollis* Blanchard, 1843, by original designation.

Martineziella Chalumeau, 1986. Replacement name for *Martinezia* Chalumeau, 1983, not *Martinezia* Bolivar, 1881.

†***Mesydra*** Ponomarenko, 1977 [1 species]. Type species *Mesydra elongata* Ponomarenko, 1977, by monotypy.

Myrmecaphodius Martínez, 1952 [1 species]. Type species *Myrmecaphodius proseni* Martínez, 1952, by original designation.

Napoa Stebnicka, 1999c [1 species]. Type species *Napoa peckorum* Stebnicka, 1999, by original designation.

Nettelia Islas, 1946 [1 species]. Type species *Nettelia euparinoides* Islas, 1946, by original designation.

Nettelislasia Martínez, 1952. Unnecessary replacement name for *Nettelia* Islas (confused with *Netelia* Gray, 1860).

Notocaulus Quedenfeldt, 1884 [14 species and 2 additional subspecies]. Type species *Notocaulus nigropiceus* Quedenfeldt, 1884, by monotypy.

Fahraea Bergroth, 1888. Type species *Helophorus sculpturatus* Boheman, 1848, by original designation. Synonymy by d'Orchymont (1912).

Notocaulus (*Caulonotus*) Machatschke, 1955. Type species *Notocaulus schoutedeni* Boucomont, 1927, by original designation. Synonymy by Dellacasa (1988).

Odontolytes Koshantschikov, 1916 [19 species]. Type species *Odontolytes andamanensis* Koshantschikov, 1916, by monotypy.

Phalangochaeta Martínez, 1952. Type species *Ataenius angusticollis* Schmidt, 1909, by original designation. Synonymy by Stebnicka (2002).

Oxyataenius Dellacasa & Stebnicka, 2001 [1 species]. Type species *Oxyomus morosus* Harold, 1969, by original designation.

Paraplesiataenius Chalumeau, 1992 [3 species]. Type species *Ataenius tremolerasi* Schmidt, 1911, by original designation.

Parataenius Balthasar, 1961a [6 species]. Type species *Parataenius mirabilis* Balthasar, 1961 (= *Parataenius derbesis* (Solier, 1851)), by original designation.

Ataenius (*Brancoataenius*) Paulian, 1979. Type species *Ataenius* (*Brancoataenius*) *lusitanicus* Paulian, 1979 (= *Parataenius simulator* (Harold, 1868)), by original designation. Synonymy by Dellacasa (1988).

Passaliolla Balthasar, 1945b [5 species]. Type species *Passaliolla depressa* Balthasar, 1945 (= *Passaliolla cancellata* (Bates, 1887)), by monotypy.

Pseudataenius Brown, 1927 [3 species]. Type species *Ataenius socialis* Horn, 1871, by original designation.

Ataenioides Petrovitz, 1973. Type species *Ataenioides gracilitarsis* Petrovitz, 1973, by original designation. Synonymy by Stebnicka & Skelley (2009b).

Pterobius Murayama, 2010 [1 species]. Type species *Pterobius itiokai* Murayama, 2010, by original designation.

Saprosites Redtenbacher, 1857 [138 species and 1 additional subspecies]. Type species *Saprosites peregrinus* Redtenbacher, 1858, by monotypy.

Cylindropterus Motschoulsky, 1863 (not *Cylindropterus* Chevrolat, 1873). Type species *Cylindropterus pleurophoroides* Motschoulsky, 1863, by monotypy. Synonymy by Harold (1869b).

Passalaphodius Martínez, 1953a. Type species *Passalaphodius cartwrighti* Martínez, 1953, by original designation. Synonymy by Stebnicka (2001).

Saprovisca Stebnicka, 1993 [2 species]. Type species *Saprovisca leytensis* Stebnicka, 1993, by original designation.

Selviria Stebnicka, 1999a [2 species]. Type species *Selviria matogrossoensis* Stebnicka, 1999, by original designation.

Setylaides Stebnicka, 1994b [8 species]. Type species *Aulonocnemis monstrosa* Harold, 1877, by original designation.

Tanyana Stebnicka, 2006 [2 species]. Replacement name for *Taenia* Stebnicka, 2003, not *Taenia* Linnaeus, 1758.

Taenia Stebnicka, 2003. Type species *Taenia guayanaensis* Stebnicka, 2003, by original designation.

Tribe Hornietiini Minkina, 2020 (1 genus)

Hornietus Stebnicka, 2000 [1 species]. Type species *Pleurophorus ventralis* Horn, 1887, by original designation.

Tribe Odochilini Rakovič, 1987 (1 genus)

Odochilus Harold, 1877 [24 species]. Type species *Odochilus syntheticus* Harold, 1877, by monotypy.

***Odochilus* (*Parodochilus*)** Rakovič, 1997. Type species *Odochilus balthasari* Rakovič, 1987, by original designation.

Tribe Odontolochini Stebnicka & Howden, 1996 (6 genera)

Amerilochus Skelley, 2007b [1 species]. Type species *Amerilochus cinereus* Skelley, 2007, by original designation.

Gongrolophus Stebnicka & Howden, 1996 [1 species]. Type species *Gongrolophus storeyi* Stebnicka & Howden, 1996, by original designation.

Odontolochus Schmidt, 1917 [14 species]. Replacement name for *Odontoderus* Clouët des Pesruches, 1900, not *Odontoderus* Schwarz, 1894.

Odontoderus Clouët des Pesruches, 1900a. Type species *Ataenius spinicollis* Harold, 1871, by subsequent designation of Lucas (1920).

Odontolochus (*Anodontolochus*): Paulian 1942. Unavailable name.

Loeblietus Endrödi, 1979. Type species *Loeblietus sulcatus* Endrödi, 1979, by monotypy. Synonymy by Stebnicka & Galante (2007).

Saprolochus Stebnicka & Galante, 2007 [4 species]. Type species *Saprolochus tambopatae* Stebnicka & Galante, 2007, by original designation.

Saprositellus Balthasar, 1967a [5 species]. Type species *Saprositellus denticulatus* Balthasar, 1967, by original designation.

Stebnickiella Skelley, 2007b [1 species]. Type species *Stebnickiella zosterixys* Skelley, 2007, by original designation.

Tribe Psammaegialiini Nikolajev, Wang & Zhang, 2014
(1 genus)

†***Psammaegialia*** Nikolajev, Wang & Zhang, 2014 [2 species]. Type species *Psammaegialia abdita* Nikolajev, Wang & Zhang, 2014, by original designation

Tribe Psammodiini Mulsant, 1842
(37 genera)

Subtribe Phycochina Landin, 1960
(1 genus)

Phycochus Broun, 1883 [1 species]. Type species *Phycochus graniceps* Broun, 1883, by monotypy.

Subtribe Psammodiina Mulsant, 1842
(18 genera)

Aphodopsammobius Endrödi, 1964b [5 species]. Type species *Aphodopsammobius mirabilis* Endrödi, 1964, by original designation.

Brindalus Landin, 1960, as *Phycochus* (*Brindalus*) [5 species]. Type species *Phycochus* (*Brindalus*) *azoricus* Landin, 1960 (= *Brindalus porcicollis* (Illiger, 1803)), by monotypy. Status revised to *Brindalus* by Balthasar (1964a).

Diastictus Mulsant, 1842 (not *Diastictus* Amyot, 1846, nor *Diastictus* Cossmann, 1888) [1 species]. Type

species *Diastictus sabuleti* Mulsant, 1842 (= *Diastictus vulneratus* (Sturm, 1805)), by monotypy.

Geopsammodius Gordon & Pittino, 1992 [11 species]. Type species *Psammodius hydropicus* Horn, 1887, by original designation.

Granulopsammodius Rakovič, 1981a [11 species]. Type species *Psammodius plicatulus* Fairmaire, 1892, by original designation.

Ingogius Endrödi, 1976 [1 species]. Type species *Ingogius leleupi* Endrödi, 1976, by original designation.

Leiopsammodius Rakovič, 1981a, as *Psammodius* (*Leiopsammodius*) Rakovič [49 species]. Type species *Psammodius laevicollis* Klug, 1845, by original designation. Status revised to *Leiopsammodius* by Pittino & Mariani (1986).

Neopsammodius Rakovič, 1986 [9 species]. Type species *Psammodius quinqueplicatus* Horn, 1871, by original designation.

Odontopsammodius Gordon & Pittino, 1992 [12 species]. Type species *Psammodius cruentus* Harold, 1867, by original designation.

Orocanthus Endrödi, 1983, as *Aphodius* (*Orocanthus*) [1 species]. Type species *Aphodius* (*Orocanthus*) *helenae* Endrödi, 1983, by original designation. Status revised to *Orocanthus* by Dellacasa *et al.* (2001).

Parapsammodius Verdú, Stebnicka & Galante, 2006 [4 species]. Type species *Psammodius integer* Bates, 1887, by original designation.

Petrovitzius Rakovič, 1979 [1 species]. Type species *Petrovitzius tesari* Rakovič, 1979, by original designation.

Psammodaphodius Endrödi, 1976 [1 species]. Type species *Psammodaphodius kochi* Endrödi, 1976, by original designation.

Psammodius Fallén, 1807 (not *Psammodius* Berthold, 1827) [29 species]. Type species *Aphodius sulcicollis* Illiger, 1802 (= *Psammodius asper* (Fabricius, 1775)), by subsequent designation of Curtis (1829).

Geophilus Gistel, 1834 (not *Geophilus* Leach, 1814). Type species *Scarabaeus asper* Fabricius, 1775, by subsequent designation of Bousquet & Bouchard (2017). Synonymy by Bousquet & Bouchard (2017).

Psammobius Heer, 1841. Type species *Aphodius sulcicollis* Illiger, 1802 (= *Psammodius asper* (Fabricius, 1775)), by subsequent designation of Tesař (1957). Objective junior synonym of *Psammodius* Fallén.

Rakovicius Pittino, 2006b [9 species]. Type species *Psammodius ainu* Lewis, 11895, by original designation.

Sicardia Reitter, 1897 (not *Sicardia* Théry, 1909) [2 species]. Type species *Sicardia psammodiformis* Reitter, 1896, by monotypy.

Bipammosus Normand, 1938. Type species *Bipammosus boiteli* Normand, 1938, by monotypy. Synonymy by Balthasar (1964a).

Tesarius Rakovič, 1981b [5 species]. Type species *Phycochus sulcipennis* Lea, 1904, by original designation.

Trichiopsammobius Petrovitz, 1963 [2 species]. Type species *Trichiopsammobius brasiliensis* Petrovitz, 1963, by original designation.

Subtribe Rhyssimina Pittino & Mariani, 1986 (18 genera)

Afrodiastictus Pittino & Mariani, 1986 [7 species]. Type species *Diastictus carinatus* Paulian, 1954, by original designation.

Bordatius Pittino & Mariani, 1986 [5 species]. Type species *Bordatius capensis* Pittino & Mariani, 1986, by original designation.

Messyrhus Rakovič & Král, 1997 [1 species]. Type species *Messyrhus brachypterus* Rakovič & Král, 1997, by original designation.

Myrhessus Balthasar, 1955 [2 species]. Type species *Myrhessus mirabilis* Balthasar, 1955, by original designation.

Mysarus Petrovitz, 1962 [1 species]. Type species *Mysarus peruanus* Petrovitz, 1962, by original designation.

Neomyrhessus Minkina, 2024 [6 species]. Type species *Neorhyssenus nanjingensis* Minkina, 2014, by original designation.

Neorhyssenus Gordon & Pittino, 1992 [4 species]. Type species *Rhyssenus quinquecostatus* Schmidt, 1911, by original designation.

Neotrichiorhyssenus Rakovič & Král, 1997 [16 species]. Type species *Trichiorhyssenus hirsutus* Clouët des Pesruches, 1901, by original designation.

Pararhyssenus Balthasar, 1955 [1 species]. Type species *Pararhyssenus paradoxus* Balthasar, 1955 (= *Pararhyssenus coluber* (Mayet, 1887)), by original designation.

Pittinius Rakovič & Král, 1997 [2 species]. Type species *Pittinius omnisetosus* Rakovič & Král, 1997, by original designation.

Platytomus Mulsant, 1842 [29 species]. Type species *Platytomus sabulosus* Mulsant, 1842 (= *Platytomus tibialis* (Fabricius, 1798)), by monotypy.

Pleurophorus Mulsant, 1842 (not *Pleurophorus* Solier, 1851) [32 species]. Type species *Scarabaeus caesus* Creutzer, 1796, by monotypy.

Psammorpha Stebnicka, 1994a [1 species]. Type species *Psammorpha lawrencei* Stebnicka, 1994, by original designation.

Pseudomyrhessus Minkina, 2024 [1 species]. Type species *Rhyssenus afghanus* Balthasar, 1939, by original designation.

Rhyssmodes Reitter, 1892 [13 species]. Type species *Rhyssenus orientalis* Mulsant & Godart, 1874, by subsequent designation of Lucas (1920).

Rhyssmorphus Clouët des Pesruches, 1900b [5 species]. Type species *Rhyssmorphus mocquerysi* Clouët des Pesruches, 1900, by monotypy.

Rhyssenus Mulsant, 1842 [170 species and 1 additional subspecies]. Type species *Ptinus germanus* Linnaeus, 1767, by subsequent designation of Paulian (1942).

Geophilus Gistel, 1834 (not *Geophilus* Leach, 1814). Type species *Ptinus germanus* Linnaeus, 1767, by subsequent designation of Nardi *et al.* (2018). Objective junior synonym of *Rhyssenus* Mulsant.

Boucardius Petrovitz, 1967. Type species *Boucardius madagassus* Petrovitz, 1967 (= *Rhyssenus goudoti* Harold, 1868), by original designation. Synonymy by Bordat (1990b).

Trichiorhyssenus Clouët des Pesruches, 1901, as *Rhyssenus* (*Trichiorhyssenus*) [28 species and 2 additional subspecies]. Type species *Rhyssenus riparius* Horn, 1871, by subsequent designation of Lucas (1920). Status revised to *Trichiorhyssenus* by Schmidt (1910). Note: Hinton (1938) incorrectly spelt *Trichiorhyssenus* as “*Trichlorhyssenus*”.

Tribe Rhyparini Schmidt, 1910 (13 genera)

Antecessorirhyparus Minkina, 2020b [2 species]. Type species *Rhyparus octovirgatus* Schmidt, 1916, by original designation.

Aschnarhyparus Makhan, 2006 [1 species]. Type species *Aschnarhyparus soesilae* Makhan, 2006

(=*Aschnarhyparus peregrinus* (Hinton 1934)), by original designation.

Hadorrhyparus Howden, 1995 [3 species]. Type species *Hadorrhyparus pecki* Howden, 1995, by original designation.

Monteitheolus Howden & Storey, 2000. Type species *Monteitheolus fijiensis* Howden & Storey, 2000, by original designation. Synonymy by Skelley & Minkina (2025).

Leptorhyparus Howden, 2003 [4 species]. Type species *Leptorhyparus gilli* Howden, 2003, by original designation.

Lioglyptoxenus Pittino, 2006a [1 species]. Type species *Lioglyptoxenus mirabilis* Pittino, 2006, by original designation.

Megasybacodes Kakizoe, Maruyama & Masumoto, 2019 [1 species]. Type species *Megasybacodes brevitarsis* Kakizoe, Maruyama & Masumoto, 2019, by original designation.

Microtermitodius Pittino, 2006a [1 species]. Type species *Microtermitodius atomus* Pittino, 2006, by original designation.

Nanotermitodius Howden, 2003 [2 species]. Type species *Nanotermitodius peckorum* Howden, 2003, by original designation.

†**Priscyparus** Skelley, 2021 [1 species]. Type species *Priscyparus quisqueyensis* Skelley, 2021, by original designation.

Rhyparus Westwood, 1845 [105 species and 1 additional subspecies]. Type species *Ryparus desjardinsii* Westwood, 1845, by monotypy. Note: The original spelling was *Ryparus* Westwood, 1845, but the unjustified emendation *Rhyparus*, proposed by Agassiz (1846), is in prevailing usage, and so deemed to be a justified emendation (Bouchard *et al.* 2011).

Antrisis Pascoe, 1866. Type species *Antrisis saundersii* Pascoe, 1866, by monotypy. Synonymy by Fairmaire (1896).

Sybacodes Fairmaire, 1896 [4 species and 2 additional subspecies]. Type species *Sybacodes lutulentus* Fairmaire, 1896, by monotypy.

Termitodiellus Nakane, 1961 [9 species]. Type species *Termitodius esakii* Nomura, 1943, by original designation.

Termitodius Wasmann, 1894 [4 species]. Type species *Termitodius coronatus* Wasmann, 1894, by monotypy.

Tribe Stereomerini Howden & Storey, 1992 (10 genera)

Adebrattia Bordat & Howden, 1995 [1 species]. Type species *Adebrattia depressa* Bordat & Howden, 1995, by original designation.

Australoxenella Howden & Storey, 1992 [11 species]. Type species *Australoxenella humptydooensis* Howden & Storey, 1992, by original designation.

Bruneixenus Howden & Storey, 1992 [2 species]. Type species *Bruneixenus squamosus* Howden & Storey, 1992, by original designation.

Cheleion Vårdal & Forshage, 2010 [3 species]. Type species *Cheleion malayanum* Vårdal & Forshage, 2010, by original designation.

Daintreeola Howden & Storey, 2000 [1 species]. Type species *Daintreeola grovei* Howden & Storey, 2000, by original designation.

Danielssonia Bordat & Howden, 1995 [1 species]. Type species *Danielssonia minuta* Bordat & Howden, 1995, by original designation.

Pseudostereomera Bordat & Howden, 1995 [1 species]. Type species *Pseudostereomera mirabilis* Bordat & Howden, 1995, by original designation.

Rhinocerotopsis Maruyama, 2009 [1 species]. Type species *Rhinocerotopsis nakasei* Maruyama, 2009, by original designation.

Stereomera Arrow, 1905 [2 species]. Type species *Stereomera pusilla* Arrow, 1905, by monotypy.

Termitaxis Krikken, 1970 [1 species]. Type species *Termitaxis holmgreni* Krikken, 1970, by original designation.

Tribe Termitoderini Tangelder & Krikken, 1982 (2 genera)

Supertermitoderus Mencl, 2011 [3 species]. Type species *Supertermitoderus machi* Mencl, 2011, by original designation.

Termitoderus Mateu, 1966 [3 species and 1 additional subspecies]. Type species *Termitoderus grassei* Mateu, 1966, by monotypy.

Tribe Thinorycterini Semenov-Tjan-Shansky & Reichardt, 1925 (1 genus)

Thinorycter Semenov-Tjan-Shansky & Reichardt, 1925

[5 species]. Type species *Thinorycter chlamydatus* Semenov-Tjan-Shansky & Reichardt, 1925, by original designation.

Subfamily Aulonocneminae Janssens, 1946 (5 genera)

Ankaratrotrox Paulian, 1954 [6 species]. Type species *Ankaratrotrox centralis* Paulian, 1954, by original designation.

Aulonocnemis Klug, 1838 [42 species and 6 additional subspecies]. Type species *Aulonocnemis opatrina* Klug, 1838, by subsequent designation of Lucas (1920).

Dialytoderus Koshantschikov, 1913. Type species *Dialytoderus scaphandrifer* Koshantschikov, 1913 (= *Aulonocnemis exarata* Klug, 1838), by monotypy. Synonymy by Cambefort (1987).

Manjarivolo Paulian, 1974 [4 species]. Type species *Manjarivolo crypticus* Paulian, 1974, by original designation.

Palnia Stebnicka, 1985 [4 species]. Type species *Palnia loebli* Stebnicka, 1985, by original designation.

†**Protopalnia** Nikolajev, 2007a [1 species]. Type species *Protopalnia magadanica* Nikolajev, 2007, by original designation.

Subfamily Termitotroginae Wasmann, 1918 (1 genus)

Termitotrox Reichensperger, 1915 [13 species]. Type species *Termitotrox consobrinus* Reichensperger, 1915, by monotypy.

Aphodiocopris Arrow, 1920a. Type species *Aphodiocopris minutus* Arrow, 1920, by monotypy. Synonymy by Gillet & Boucomont (1927).

Subfamily Scarabaeinae Latreille, 1802 (283 genera)

Tribe Ateuchini Perty, 1830 (35 genera)

Subtribe Ateuchina Perty, 1830 (5 genera)

Aphengium Harold, 1868a [4 species]. Type species *Aphengium sordidum* Harold, 1868, by subsequent monotypy by Harold (1868b).

†**Ateuchites** Meunier, 1898 [1 species]. Type species *Ateuchites grandis* Meunier, 1898, by monotypy.

Ateuchus Weber, 1801 [101 species]. Type species *Ateuchus histeroides* Weber, 1801, by monotypy. Note: Vulcano & Pereira (1967) incorrectly spelt *Ateuchus* as “*Atheuchus*”.

Choeridium Le Peletier de Saint-Fargeau & Audinet-Serville, 1828. Type species *Choeridium simplex* Lepeletier & Audinet-Serville, 1828, by subsequent designation of Chevrolat (1843). Synonymy by Chapin (1946).

Ateuchus (Lobidion) Génier, 2010. Type species *Lobidion punctatissimum* Génier, 2010, by original designation. Status revised to *Ateuchus (Lobidion)* by Génier & Cupello (2018).

Deltorhinum Harold, 1867b [7 species]. Type species *Deltorhinum batesi* Harold, 1867, by monotypy. Note: Harold (1869b) incorrectly spelt *Deltorhinum* as “*Deltorrhinum*”.

Sinapisoma Boucomont, 1928 [1 species]. Type species *Sinapisoma minutum* Boucomont, 1928, by monotypy.

Subtribe Scatimina Vaz-de-Mello, 2008 (18 genera)

Besourenga Vaz-de-Mello, 2008 [4 species]. Type species *Trichillum minutum* Saylor, 1935, by original designation.

Bradypodidium Vaz-de-Mello, 2008 [3 species]. Type species *Trichillum bradyporum* Boucomont, 1928, by original designation.

Degallieridium Vaz-de-Mello, 2008 [1 species]. Type species *Degallieridium lilliputanum* Vaz-de-Mello, 2008, by original designation.

Eutrichillum Martínez, 1967, as *Trichillum (Eutrichillum)* [3 species]. Type species *Trichillum boucomonti* Saylor, 1935 (= *Eutrichillum hirsutum* (Boucomont, 1928)), by original designation. Status revised to *Eutrichillum* by Vaz-de-Mello (2008).

Feeridium Vaz-de-Mello, 2008 [1 species]. Type species *Feeridium woodruffi* Vaz-de-Mello, 2008, by original designation.

Genieridium Vaz-de-Mello, 2008 [7 species]. Type species *Pedaridium bidens* Balthasar, 1942, by original designation.

Leotrichillum Vaz-de-Mello, 2008 [1 species]. Type species *Pedaridium louzadaorum* Vaz-de-Mello & Canhedo, 1998, by original designation.

†**Lobateuchus** Montreuil, Génier & Nel, 2010 [1 species]. Type species *Lobateuchus parisii* Montreuil, Génier & Nel, 2010, by original designation.

Martinezidium Vaz-de-Mello, 2008 [4 species]. Type species *Pedaridium galileoae* Génier & Vaz-de-Mello, 2002, by original designation.

Nunoidium Vaz-de-Mello, 2008 [1 species]. Type species *Pedaridium argentinum* Arrow, 1913, by original designation.

Onoreidium Vaz-de-Mello, 2008 [4 species]. Type species *Trichillum cristatum* Arrow, 1931, by original designation.

Pedaridium Harold, 1868a [1 species]. Type species *Pedaria hirsuta* Harold, 1859, by monotypy.

Pereiraidium Vaz-de-Mello, 2008 [1 species]. Type species *Pedaridium almeidai* Pereira, 1946, by original designation.

Scatimus Erichson, 1847a [13 species]. Type species *Scatimus cucullatus* Erichson, 1847, by monotypy.

Scatrichus Génier & Kohlmann, 2003 [3 species]. Type species *Scatimus bicarinatus* Harold, 1869, by original designation.

Silvinha Vaz-de-Mello, 2008 [1 species]. Type species *Silvinha unica* Vaz-de-Mello, 2008, by original designation.

Trichillidium Vaz-de-Mello, 2008 [4 species]. Type species *Pedaridium quadridens* Arrow, 1913, by original designation.

Trichillum Harold, 1868a [11 species]. Type species *Trichillum heydeni* Harold, 1868, by monotypy.

Ateuchini incertae sedis (11 genera)

Agamopus Bates, 1887 [5 species]. Type species *Agamopus lampros* Bates, 1887, by monotypy.

Bdelyropsis Pereira, Vulcano & Martínez, 1960 [3 species]. Type species *Bdelyrus bowditchi* Paulian, 1939, by original designation.

Bdelyrus Harold, 1869 [27 species]. Type species *Bdelyrus lagopus* Harold, 1869, by monotypy.

Coptorhina Hope, 1833 [7 species]. Type species *Coptorhina africana* Hope, 1833 (= *Coptorhina klugii* Hope, 1833), by subsequent designation of Lucas (1920).

Delopleurus Erichson, 1847b (not *Delopleurus* Motschoulsky, 1853) [10 species]. Type species *Delopleurus pullus* Boheman, 1857, by subsequent monotypy.

Demarziella Balthasar, 1961b [14 species]. Type species *Demarziella mirifica* Balthasar, 1961, by original designation.

Notopedaria Matthews, 1976. Type species *Pedaria interrupta* Carter, 1936, by original designation. Synonymy by Matthews & Stebnicka (1986).

Frankenbergerius Balthasar, 1938c [7 species and 1 additional subspecies]. Type species *Frankenbergerius mirabilis* Balthasar, 1938 (= *Frankenbergerius armatus armatus* (Boheman, 1857)), by monotypy.

Pseudocoptorhina Ferreira, 1954. Type species *Epirhinus armatus* Boheman, 1857, by original designation. Synonymy by Ferreira (1972).

Haroldius Boucomont, 1914 [39 species]. Type species *Haroldius rugatulus* Boucomont, 1914, by subsequent designation of Arrow (1931).

Cyclotrogus Wasmann, 1918. Type species *Cyclotrogus heimi* Wasmann, 1918, by original designation. Synonymy by Arrow (1931).

Ponerotrogus Silvestri, 1924. Type species *Ponerotrogus annandalei* Silvestri, 1923, by original designation. Synonymy by Paulian (1985a).

Afroharoldius Janssens, 1949. Type species *Afroharoldius ennearthrus* Janssens, 1949, by original designation. Synonymy by Paulian (1985a).

Formicdubius Philips & Scholtz, 2000. Type species *Formicdubius convexus* Philips & Scholtz, 2000, by original designation. Synonymy by Davis *et al.* (2008).

Paraphytus Harold, 1877 [14 species]. Type species *Paraphytus doriae* Harold, 1877, by monotypy.

Xynophron Harold, 1880. Type species *Xynophron ritsemae* Harold, 1880, by monotypy. Synonymy by Gillet (1911a). Note: Davis *et al.* (2008) incorrectly spelt *Xinophron* as “*Xynophron*”.

Maraxes Lewis, 1895. Type species *Maraxes dentifrons* Lewis, 1895, by monotypy. Synonymy by Gillet (1911a).

Freyus Balthasar, 1958a. Type species *Freyus bechynei* Balthasar, 1958, by original designation. Synonymy by Balthasar (1964a).

Sarophorus Erichson, 1847b (not *Sarophorus* Kraepelin, 1899) [12 species]. Type species *Pedaria tuberculata* Laporte, 1840, by monotypy.

Uroxys Westwood, 1842b [59 species]. Type species *Uroxys cuprescens* Westwood, 1842, by monotypy.

Pygurus: Dejean 1833. Unavailable name.

Pseuduroxys Balthasar, 1938c. Type species *Pseuduroxys ohausi* Balthasar, 1938, by monotypy. Synonymy by Solis & Kohlmann (2012).

Tribe Ellassocanthonini Davis, Deschodt & Scholtz, 2025
(7 genera)

Ausmontins Deschodt & Davis, 2018 [1 species]. Type species *Ausmontins jacobsi* Deschodt & Davis, 2018, by original designation.

Dicranocara Frolov & Scholtz, 2003 [4 species]. Type species *Dicranocara deschodti* Frolov & Scholtz, 2003, by original designation.

Drogo Deschodt, Davis & Scholtz, 2016 [1 species]. Type species *Drogo stalsi* Deschodt, Davis & Scholtz, 2016, by original designation.

Elassocanthon Kolbe, 1908 [2 species]. Type species *Elassocanthon brevipes* Kolbe, 1908 (= *Elassocaanthon ovale* (Harold, 1869)), by monotypy.

Byrrhidium Harold, 1869a (not *Byrrhidium* Heer, 1864) [2 species]. Type species *Byrrhidium ovale* Harold, 1869, by monotypy. Synonymy by Scholtz & Howden (1987).

Namakwanus Scholtz & Howden, 1987 [4 species]. Type species *Namakwanus irishi* Scholtz & Howden, 1987, by original designation.

Namaphilus Deschodt & Davis, 2017 [5 species]. Type species *Namakwanus endroedyi* Deschodt, Davis & Scholtz, 2011, by original designation.

Versicorpus Deschodt, Davis & Scholtz, 2011 [3 species]. Type species *Versicorpus erongoense* Deschodt, Davis & Scholtz, 2011, by original designation.

Tribe Coprini Leach, 1815
(20 genera)

Canthidium Erichson, 1847a [178 species]. Type species *Canthidium thalassinum* Erichson, 1847, by subsequent designation of Martínez *et al.* (1964).

Pleronyx Lansberge, 1874a. Type species *Pleronyx dimidiatus* Lansberge, 1874, by monotypy. Synonymy by synonymized by Vaz-de-Mello *et al.* (2011).

Canthidium (*Eucanthidium*) Martínez & Halfpeter, 1986. Type species *Choeridium cupreum* Blanchard, 1846, by original designation. Synonymy by Cupello (2018).

***Canthidium* (*Neocanthidium*)** Martínez, Halfpeter & Pereira, 1964, as *Neocanthidium*. Type species *Neocanthidium bokermanni* Martínez, Halfpeter & Pereira, 1964, by original designation. Status revised to *Canthidium* (*Neocanthidium*) by Cupello (2018).

Catharsiocopris Balthasar, 1967b [1 species]. Type species *Catharsiocopris quadrituberculatus* Balthasar, 1967, by original designation.

Catharsius Hope, 1837, as *Copris* (*Catharsius*) [106 species]. Type species *Scarabaeus molossus* Linnaeus, 1758, by subsequent designation of Arrow (1931). Status revised to *Catharsius* by Hope (1838).

Copridaspidus Boucomont, 1920 [1 species]. Type species *Copridaspidus favareli* Boucomont, 1920 (= *Copridaspidus peregrinus* (Harold, 1878)), by monotypy.

Copris Geoffroy, 1762 [282 species and 26 additional subspecies]. Type species *Scarabaeus lunaris* Linnaeus, 1758, by subsequent designation of Latreille (1810). Name placed on the Official List of Specific Names in Zoology (ICZN 1994).

Pilularius: Schrank 1798. Unavailable name.

Insulicopris Tsukamoto, 1974. Type species *Copris brachypterus* Nomura, 1964, by original designation. Synonymy by Fujioka (2001).

Afrontherus: Marchisio & Zunino 2012. Unavailable name.

***Copris* (*Paracopris*)** Balthasar, 1939b. Type species *Copris punctulatus* Wiedemann, 1823, by subsequent designation of Balthasar (1959).

***Copris* (*Sinocopris*)** Ochi, Kon & Bai, 2009. Type species *Copris uenoi* Hamboonsong, Ochi & Masumoto, 2003, by original designation.

†***Cretonitis*** Nikolajev, 2007b [1 species]. Type species *Cretonitis copripes* Nikolajev, 2007, by original designation.

Helicopriss Hope, 1837 [57 species and 4 additional subspecies]. Type species *Scarabaeus gigas* Linnaeus, 1758, by subsequent designation of Duponchel (1845).

Holocanthon Martínez & Pereira, 1956 [2 species]. Type species *Holocanthon mateui* Martínez & Pereira, 1956 (= *Holocanthon fuscobrus* (Blanchard, 1845)), by original designation.

Litocopriss Waterhouse, 1891 [4 species]. Type species *Litocopriss punctiventris* Waterhouse, 1891, by subsequent designation of Ferreira (1960).

Macroderes Westwood, 1842b [24 species]. Type species *Onthophagus greeni* Kirby, 1818, by original designation.

Metacatharsius Montreuil, 1998 [65 species]. Type species *Scarabaeus ferrugineus* Olivier, 1789, by original designation.

Catharsius (*Metacatharsius*): Paulian 1939. Unavailable name.

Microcopsis Balthasar, 1958b, as *Copris* (*Microcopsis*) [11 species and 1 new subspecies]. Type species *Scarabaeus reflexus* Fabricius, 1787, by original designation. Status revised to *Microcopsis* by Ferreira (1960).

Ontherus Erichson, 1847a [61 species]. Type species *Scarabaeus sulcator* Fabricius, 1775 by subsequent designation of Luederwaldt (1931).

***Ontherus* (*Caelontherus*)** Génier, 1996. Type species *Copris alexis* Blanchard, 1845, by original designation.

***Ontherus* (*Planontherus*)** Génier, 1996. Type species *Ontherus bridgesi* Waterhouse, 1891, by original designation.

Onychothecus Boucomont, 1912 [4 species]. Type species *Onychothecus ateuchoides* Boucomont, 1912, by monotypy.

Pedaria Laporte, 1833 [68 species and 1 additional subspecies]. Type species *Pedaria nigra* Laporte, 1833, by monotypy.

Pseudocopsis Ferreira, 1960 [2 species]. Type species *Copris lunaticeps* Gillet, 1910, by original designation.

Pseudopedaria Felsche, 1904 [3 species]. Type species *Pedaria grossa* Thomson, 1858, by monotypy.

†***Scelocopsis*** Zhang, 1989 [1 species]. Type species *Scelocopsis enerlheus* Zhang, 1989, by original designation.

Synapsis Bates, 1868 (not *Synapsis* Förster, 1869) [23 species]. Type species *Copris brahminus* Hope, 1831, by monotypy.

Homalocopsis Solsky, 1871. Type species *Ateuchus tmolus* Fischer, 1821, by monotypy. Synonymy by Arrow (1931).

Xinidium Harold, 1869a [4 species]. Type species *Xinidium dentilabris* Harold, 1869, by monotypy.

Parapinotus Harold, 1878. Type species *Parapinotus dewitzi* Harold, 1878, by monotypy. Synonymy by Cambefort (1985).

Tribe Deltophilini Lacordaire, 1856 (44 genera)

Anisocanthon Martínez & Pereira, 1956 [4 species]. Type species *Deltophilum pygmaeum* Gillet, 1911, by original designation.

Anomiopus Westwood, 1842b [62 species]. Type species *Anomiopus virescens* Westwood, 1842, by subsequent designation of Canhedo (2006). Note: Agassiz (1846) incorrectly spelt *Anomiopus* as “*Anomoeopus*”, Halffter & Matthews (1966) incorrectly spelt *Anomiopus* as “*Onomiopus*”, and Chamorro *et al.* (2019) incorrectly spelt *Anomiopus* as “*Anomipus*”.

Onthocharis: Dejean 1833. Unavailable name.

Onthocharis Westwood, 1847a. Type species *Onthocharis smaragdinus* Westwood, 1847, by subsequent designation of Lacordaire (1856). Synonymy by Harold (1869b).

Hypocanthidium Balthasar, 1938c. Type species *Hypocanthidium globulum* Balthasar, 1938, by monotypy. Synonymy by Vaz-de-Mello *et al.* (2011).

Aphengoeus Péringuey, 1901 [2 species]. Type species *Aphengoeus clypeatus* Péringuey, 1901, by monotypy.

Atlantemolanum González-Alvarado, Molano-Rendón & Vaz-de-Mello, 2019 [2 species]. Type species *Deltophilum riehli* Harold, 1868, by original designation.

Boletoscapter Matthews, 1974 [2 species]. Type species *Cephalodesmus cornutus* MacLeay, 1887, by original designation.

Canthochilum Chapin, 1934 [24 species and 2 additional subspecies]. Type species *Canthochilum oakleyi* Chapin, 1934, by original designation.

Antillacanthon Vulcano & Pereira, 1966. Type species *Canthon histeroideus* Harold, 1868, by original designation. Synonymy by Matthews (1969).

Chapincanthon Vulcano & Pereira, 1966. Type species *Canthochilum hispidum* Chapin, 1935, by original designation. Synonymy by Matthews (1969).

Canthodimorpha Davis, Scholtz & Harrison, 1999 [1 species]. Type species *Canthodimorpha lawrencei* Davis, Scholtz & Harrison, 1999, by original designation.

Canthon Hoffmannsegg, 1817 [187 species and 27 additional subspecies]. Type species *Scarabaeus volvens* Fabricius, 1792 (= *Canthon* (*Canthon*) *pilularius* (Linnaeus, 1758)), by subsequent designation of Duponchel (1842).

Coprobis Latreille, 1829. Type species *Scarabaeus volvens* Fabricius, 1792 (= *Canthon* (*Canthon*) *pilularius* (Linnaeus, 1758)), by subsequent designation of Reiche (1841). Objective junior synonym of *Canthon* Hoffmannsegg.

Coeloscelis Reiche, 1841. Type species *Coeloscelis coriaceus* Reiche, 1841 (nomen dubium), by original designation. Synonymy by Erichson (1847b).

Annamesis: Harold 1869b. Unavailable name.

Deltochilum (*Paedhyboma*) Kolbe, 1893. Type species *Deltochilum aberrans* Harold, 1868, by monotypy. Synonymy by Halffter & Martínez (1977).

***Canthon* (*Pseudocanthon*)** Bates, 1887 [11 species and 1 additional subspecies]. Type species *Canthon perplexus* LeConte, 1847, by monotypy. Status revised to *Canthon* (*Pseudocanthon*) by Moctezuma (2025).

Opiocanthon Paulian, 1947. Type species *Canthon vitraci* Fleutiaux & Sallé, 1889, by original designation. Synonymy by Matthews (1966).

***Canthon* (*Glaphyrocanthon*)** Martínez, 1948b, as *Glaphyrocanthon*. Type species *Glaphyrocanthon variabilis* Martínez, 1948, by original designation. Status revised to *Canthon* (*Glaphyrocanthon*) by Halffter & Martínez (1977).

Glaphyrocanthon (*Coprocanthon*) Martínez, 1950. Type species *Glaphyrocanthon* (*Coprocanthon*) *rufocoeruleus* Martínez, 1950 (= *Canthon* (*Glaphyrocanthon*) *subhyalinus subhyalinus* Harold, 1867), by original designation. Synonymy by Halffter & Martínez (1977).

Geocanthon Pereira & Martínez, 1956. Type species *Canthon rubescens* Blanchard, 1846, by original designation. Synonymy by Halffter & Martínez (1977).

***Canthon* (*Peltecanthon*)** Pereira, 1953, as *Peltecanthon*. Type species *Peltecanthon staigi* Pereira, 1953, by original designation. Status revised *Canthon* (*Peltecanthon*) by Halffter & Martínez (1977).

***Canthon* (*Pseudepilissus*)** Martínez, 1954. Type species *Canthon lunatus* Schmidt, 1922, by original designation.

Canthomoechus Pereira & Martínez, 1959. Type species *Canthon quadratum* Blanchard, 1846, by original designation. Synonymy by Halffter & Martínez (1977).

Vulcanocanthon Pereira & Martínez, 1960. Type species *Canthon seminulum* Harold, 1867, by original designation. Synonymy by Vieira *et al.* (2019).

***Canthon* (*Goniocanthon*)** Pereira & Martínez, 1956. Type species *Scarabaeus smaragdulus* Fabricius, 1781, by original designation.

***Canthon* (*Nesocanthon*)** Pereira & Martínez, 1956. Type species *Canthon callosus* Harold, 1868, by original designation.

***Canthon* (*Boreocanthon*)** Halffter, 1958. Type species *Ateuchus ebenus* Say, 1823, by original designation. Status revised to *Canthon* (*Boreocanthon*) by Moctezuma (2025).

***Canthon* (*Francmonrosia*)** Pereira & Martínez, 1959. Type species *Canthon rutilans* Laporte, 1840, by original designation.

***Canthon* (*Trichocanthon*)** Pereira & Martínez, 1959. Type species *Canthon sordidus* Harold, 1868, by original designation.

***Canthon* (*Bajacanthon*)** Halffter, Espinosa de los Monteros, Nolasco-Soto, Arriaga-Jiménez & Rivera-Gasperín, 2022. Type species *Canthon obliquus* Horn, 1894, by original designation.

Canthonidia Paulian, 1939 [1 species]. Type species *Canthonidia hirsuta* Paulian, 1939 (= *Canthonidia rubromaculata* (Blanchard, 1845)), by original designation.

Canthotrypes Paulian, 1939 [1 species]. Type species *Canthotrypes oberthuri* Paulian, 1939, by original designation.

Chalconotus Dejean, 1833 [10 species]. Type species *Scarabaeus cupreus* Fabricius, 1775, by monotypy.

Anachalcos Hope, 1837. Type species *Anachalcos beliel* Hope, 1837 (= *Chalconotus cupreus* (Fabricius, 1775)), by subsequent designation of Boucomont (1933). Synonymy by Harold (1869b).

Circellium Latreille, 1829 [1 species]. Type species *Scarabaeus bacchus* Fabricius, 1781, by monotypy. Note: Reiche (1841) incorrectly spelt *Circellium* as “*Circelium*”.

Cryptocanthon Balthasar, 1942a [43 species]. Type species *Cryptocanthon paradoxos* Balthasar, 1942, by original designation.

Deltepilissus Pereira, 1949 [2 species]. Type species *Deltepilissus travassosi* Pereira, 1949 (= *Deltepilissus infernalis* (Harold, 1880)), by original designation.

Deltophilum Eschscholtz, 1822 [114 species and 2 additional subspecies]. Type species *Deltophilum dentipes* Eschscholtz, 1822, by subsequent designation of Thon (1832a).

Anamnesis Vigers, 1826. Type species *Anamnesis macleayii* Vigers, 1826 (= *Deltophilum (Deltophilum) dentipes* Eschscholtz, 1822), by monotypy. Synonymy by Lacordaire (1856).

Deltophilum (Telhyboma) Kolbe, 1893. Type species *Deltophilum orbiculare* Lansberge, 1874, by monotypy. Synonymy by Génier (2012).

Deltophilum (Aganhyboma) Kolbe, 1893. Type species *Deltophilum trisignatum* Harold, 1880, by subsequent designation of Shipp (1897a).

Deltophilum (Calhyboma) Kolbe, 1893. Type species *Deltophilum burmeisteri* Harold, 1867, by subsequent designation of Shipp (1897a).

Eudactylides Paulian, 1939. Type species *Hyboma carinata* Westwood, 1837, by original designation. Synonymy by Lane (1946).

Deltophilum (Euhyboma) Kolbe, 1893. Type species *Hyboma brasiliense* Laporte, 1840, by monotypy.

Deltophilum (Hybomidium) Shipp, 1897a. Replacement name for *Hyboma* Le Peletier de Saint-Fargeau & Audinet-Serville, 1828, not *Hyboma* Hübner, 1820.

Hyboma Le Peletier de Saint-Fargeau & Audinet-Serville, 1828. Type species *Scarabaeus icarus* Olivier, 1789, by monotypy.

Deltophilum (Tetraodontides) Paulian, 1938. Type species *Scarabaeus gibbosus* Fabricius, 1775, by original designation. Synonymy by Lane (1946).

Deltophilum (Parahyboma) Paulian, 1938. Type species *Hyboma furcatum* Laporte, 1840, by original designation.

Deltophilum (Rubrohyboma) Paulian, 1939. Type species *Hyboma rubripennis* Gory, 1831, by original designation.

Deltophilum (Deltohyboma) Lane, 1946. Type species *Hyboma brasiliense* Laporte, 1840, by original designation.

Dwesasilvasedis Deschodt & Scholtz, 2008 [1 species]. Type species *Dwesasilvasedis medinae* Deschodt & Scholtz, 2008, by original designation.

Eudinopus Burmeister, 1846 [1 species]. Type species *Eudinopus ateuchoides* Burmeister, 1840 (= *Eudinopus dytiscoides* (Schreibers, 1802)), by monotypy.

Stenodactylus Brullé in Audouin & Brullé, 1837 (not *Stenodactylus* Fitzinger, 1826, *Stenodactylus* Hitchcock, 1858, nor *Stenodactylus* Philippi, 1902). Type species *Scarabaeus dytiscoides* Schreibers, 1802, by subsequent designation of Reiche (1841). Synonymy by Pereira & Martínez (1956).

Falsignambia Paulian, 1987 [1 species]. Type species *Falsignambia grandis* Paulian, 1987, by original designation.

Gyronotus Lansberge, 1874b (not *Gyronotus* Cameron, 1948) [17 species]. Type species *Chalconotus pumilus* Boheman, 1857, by monotypy.

Hammondantus Cambefort, 1978 [1 species]. Type species *Hammondantus psammophilus* Cambefort, 1978, by original designation.

Hansreia Halfpeter & Martínez, 1977 [6 species]. Type species *Ateuchus affinis* Fabricius, 1801, by original designation.

Isacanthon Pacheco & Vaz-de-Mello, 2019 [1 species]. Type species *Isacanthon mariaelinae* Pacheco & Vaz-de-Mello, 2019, by original designation.

Janssensantus Paulian, 1976a [3 species]. Type species *Janssensantus inexpectatus* Paulian, 1976, by original designation.

Malagoniella Martínez, 1961 [9 species and 8 additional subspecies]. Type species *Megathopa argentina* Gillet, 1911, by original designation.

Malagoniella (Megathopomima) Martínez, 1961, as *Megathopomima*. Type species *Coprobius bicolor* Guérin-Ménéville, 1840, by original designation. Status revised to *Malagoniella (Megathopomima)* by Halffter & Matthews (1966).

Megathopa Eschscholtz, 1822 [2 species]. Type species *Megathopa villosa* Eschscholtz, 1822, by monotypy.

Megathoposoma Balthasar, 1939a [1 species]. Type species *Megathoposoma deltochiloides* Balthasar, 1939 (= *Megathoposoma candezei* (Harold, 1873)), by original designation.

Glauconia: Paulian 1938 (not *Glauconia* Gray, 1845, nor *Glauconia* Stoliczka, 1868). Unavailable name.

Glauconia: Paulian 1939. Unavailable name based on *Megathopa candezei* Harold, 1873.

Melanocanthon Halffter, 1958 [5 species]. Type species *Canthon bispinatus* Robinson, 1941, by original designation.

Nesovinsonia Martínez & Pereira, 1959 [1 species]. Type species *Phacosoma vinsoni* Paulian, 1939, by original designation.

Paracanthon Balthasar, 1938c [15 species]. Type species *Paracanthon trichonotulus* Balthasar, 1938, by monotypy.

Paracanthon: Paulian 1938. Unavailable name.

Paracanthon Paulian, 1939 (not *Paracanthon* Balthasar, 1938). Type species *Paracanthon hirsutus* Paulian, 1939, by original designation. Synonymy by Balthasar (1942a).

Paracryptocanthon Howden & Cook, 2002 [2 species]. Type species *Cryptocanthon borgmeieri* Vulcano, Pereira & Martinez, 1976, by original designation.

Penalus Paulian, 1985 [1 species]. Type species *Penalus waui* Paulian, 1985, by original designation.

Pseudonthobium Paulian, 1985c [9 species]. Type species *Pseudonthobium fracticolloides* Paulian, 1985, by original designation.

Pycnopanelus Arrow, 1931 [3 species]. Type species *Pycnopanelus rotundus* Arrow, 1931, by monotypy.

Saphobiamorpha Brookes, 1944 [1 species]. Type species *Saphobiamorpha maorianus* Brookes, 1944, by original designation.

Saphobius Sharp, 1873 [14 species]. Type species *Saphobius edwardsi* Sharp, 1873, by monotypy.

Scatonomus Erichson, 1835 [11 species and 1 additional subspecies]. Type species *Scatonomus viridis* Erichson, 1835, by subsequent designation of Westwood (1847a). Note: Lucas (1920) incorrectly spelt *Scatonomus* as “*Scatanomus*”.

Eucheirus: Dejean 1833. Unavailable name.

Scybalocanthon Martínez, 1948a [24 species]. Type species *Canthon moniliatus* Bates, 1887, by original designation.

Scybalophagus Martínez, 1953b [6 species]. Type species *Scybalophagus patagonicus* Martínez, 1953, by original designation.

Pseudoepirinus Ferreira, 1964. Type species *Epirinus zumpti* Frey, 1963 (= *Scybalophagus rugosus* (Blanchard, 1845)), by monotypy. Synonymy by Scholtz & Howden (1987).

Streblopus Lansberge, 1874a [2 species]. Type species *Streblopus opatroides* Lansberge, 1874, by monotypy.

Colonychus: Harold 1868c. Type species not designated. Name suppressed by ICZN (2023).

Streblopoides Balthasar, 1938c. Type species *Streblopoides punctatus* Balthasar, 1938, by monotypy. Synonymy by Halffter & Martínez (1966).

Sylvicanthon Halffter & Martínez, 1977 [15 species]. Type species *Canthon candezei* Harold, 1869, by original designation.

Tanzanolus Scholtz & Howden, 1987 [1 species]. Type species *Panelus leleupi* Balthasar, 1960, by original designation.

Tetraechma Blanchard in Blanchard & Brullé, 1846 [5 species]. Type species *Tetraechma sanguineomaculata* Blanchard, 1846, by monotypy.

Xenocanthon Martínez, 1952 [1 species]. Type species *Xenocanthon vianai* Martínez, 1952 (= *Xenocanthon sericans* (Schmidt, 1922)), by original designation.

Zonocopriss Arrow, 1932 [2 species]. Type species *Zonocopriss bucki* Arrow, 1932 (= *Zonocopriss gibbicollis* (Harold, 1868)), by monotypy.

Plesiocanthon Gillet, 1938. Type species *Canthon gibbicollis* Harold, 1868, by monotypy. Synonymy by Pereira (1946).

Tribe Dichotomiini Pereira, 1954
(4 genera)

Chalcocopris Burmeister, 1846, as *Copris* (*Chalcocopris*) [2 species]. Type species *Scarabaeus hesperus* Olivier, 1789, by subsequent monotypy by Harold (1869b). Status revised to *Chalcocopris* by Harold (1869b).

Dichotomius Hope, 1838 [206 species and 1 additional subspecies]. Type species *Scarabaeus boreus* Olivier, 1789, by original designation.

Pinotus Erichson, 1847a. Type species *Pinotus talaus* Erichson, 1847, by subsequent designation of Bouchard *et al.* (2024). Synonymy by Harold (1869b).

Brachycopris Haldeman, 1848. Type species *Scarabaeus carolinus* Linnaeus, 1767, by original designation. Synonymy with *Pinotus* Erichson by Harold (1869b).

Pseudoheliocopris Ferreira, 1970. Type species *Pseudoheliocopris freyi* Ferreira, 1970, by original designation. Synonymy by Cambefort (1976).

Dichotomius (Selenocopris) Burmeister, 1846. Type species *Copris bicusps* Germar, 1824, by subsequent designation of Martínez (1951b).

Dichotomius (Luederwaldtinia) Martínez, 1951b. Type species *Scarabaeus nisus* Olivier 1789, by original designation. Synonymy by Nunes & Vaz-de-Mello (2019).

Dichotomius (Cephagonus) Luederwaldt, 1929. Type species *Pinotus fissus* Harold, 1867, by subsequent designation of Nunes & Vaz-de-Mello (2019).

Dichotomius (Homocanthonides) Luederwaldt, 1929. Type species *Copris smaragdina* Perty, 1830, by monotypy.

Dichotomius (Luederwaldtius) Arias-Buriticá & Vaz-de-Mello, 2025. Type species *Copris semiaeneus* Germar, 1823, by original designation.

Holocephalus Hope, 1838 [6 species]. Type species *Scarabaeus eridanus* Olivier, 1789, by original designation.

Atrichius Gillet, 1907. Type species *Scarabaeus eridanus* Olivier, 1789, by subsequent designation of Smith & Génier (2001). Objective junior synonym of *Holocephalus* Hope.

Isocopris Pereira & Martínez, 1960 [8 species]. Type species *Copris inhiata* Germar, 1824 (= *Isocopris inhiatus* (Germar, 1823)), by original designation.

Tribe Endroedyolini Davis, Deschodt & Scholtz, 2019
(8 genera)

Aliuscanthoniola Deschodt & Scholtz, 2008 [1 species]. Type species *Aliuscanthoniola similis* Deschodt & Scholtz, 2008, by original designation.

Endroedyolus Scholtz & Howden, 1987 [1 species]. Type species *Endroedyolus paradoxus* Scholtz & Howden, 1987, by original designation.

Nebulasilvius Deschodt & Scholtz, 2008 [2 species]. Type species *Nebulasilvius insularis* Deschodt & Scholtz, 2008, by original designation.

Outenikwanus Scholtz & Howden, 1987 [1 species]. Type species *Outenikwanus tomentosus* Scholtz & Howden, 1987, by original designation.

Parvuhowdenius Deschodt & Scholtz, 2008 [1 species]. Type species *Parvuhowdenius harrisoni* Deschodt & Scholtz, 2008, by original designation.

Peckolus Scholtz & Howden, 1987 [3 species]. Type species *Peckolus parvus* Scholtz & Howden, 1987, by original designation.

Silvaphilus Roets & Oberlander, 2010 [2 species]. Type species *Silvaphilus oubosiensis* Roets & Oberlander, 2010, by original designation.

Upsa Deschodt, Sole & Scholtz, 2020 [1 species]. Type species *Upsa centennial* Deschodt, Sole & Scholtz, 2020, by original designation.

Tribe Epactoidini Rossini, Grebennikov, Merrien, Miraldo, Viljanen & Tarasov, 2022
(3 genera)

Epactoides Olsoufieff, 1947 [38 species]. Type species *Phacosoma madecassus* Paulian, 1936, by monotypy.

Aleiantus Olsoufieff, 1947. Type species *Epilissus perrieri* Fairmaire, 1898, by monotypy. Synonymy by Wirta & Montreuil (2008).

Madaphacosoma Paulian, 1975. Type species *Madaphacosoma humberti* Paulian, 1975, by original designation. Synonymy by Wirta & Montreuil (2008).

Sikorantus Paulian, 1976b. Type species *Sikorantus paradoxus* Paulian, 1976, by original designation. Synonymy by Wirta & Montreuil (2008).

Phacosomoides Martínez & Pereira, 1958. Type species *Epactoides olsoufieffi* Lebis, 1953, by original

designation. Synonymy by Wirta & Montreuil (2008).

Grebennikovius Mlambo, Scholtz & Deschodt, 2019 [4 species]. Type species *Phacosoma basilewskyi* Balthasar, 1960, by original designation.

Ochicanthon Vaz-de-Mello, 2003 [53 species]. Replacement name for *Phacosoma* Boucomont, 1914, not *Phacosoma* Jukes-Browne, 1912.

Phacosoma Boucomont, 1914. Type species *Phacosoma dytiscoides* Boucomont, 1914, by subsequent designation of Arrow (1931).

Tribe Epilissini van Lansberge, 1875 (15 genera)

Apotolamprus Lebis, 1953 [32 species]. Type species *Apotolamprus quadrimaculatus* Lebis, 1953, by original designation.

Apotolamprus: Olsoufieff 1947. Unavailable name.

Apterepilissus Montreuil, 2011 [4 species]. Type species *Epilissus ovalis* Felsche, 1911, by original designation. Note: Montreuil (2011) designated *Epilissus ovalis* Felsche, 1911 as the type species on page 106 and listed *Arachnodes analavelonae* Paulian, 1975 as the type species on page 119.

Arachnodes Westwood, 1842b [56 species and 1 additional subspecies]. Type species *Circelium nitidum* Laporte, 1840, by original designation.

Arachnodes (*Pseudarachnodes*): Lebis 1953. Unavailable name.

Peyrierasantus Paulian, 1976c. Type species *Peyrierasantus nitidus* Paulian, 1976 (= *Arachnodes neonitidus* Montreuil, 2011), by original designation. Synonymy by Montreuil (2011).

Baloghonthobium Paulian, 1986a [1 species]. Type species *Baloghonthobium monommoides* Paulian, 1986, by original designation.

Bohepilissus Paulian, 1975 [2 species]. Type species *Epilissus* (*Nanos*) *subtilis* Boheman, 1857, by original designation.

Caeconthobium Paulian, 1985c [1 species]. Type species *Caeconthobium parvulum* Paulian, 1985, by original designation.

Cambefortantus Paulian, 1986b [8 species]. Type species *Cambefortantus micros* Paulian, 1986, by original designation.

Canthonella Chapin, 1930 [17 species and 1 additional subspecies]. Type species *Canthonella parva* Chapin, 1930, by original designation.

Ipselissus Olsoufieff, 1935. Type species *Epilissus silphoides* Harold, 1867, by monotypy. Synonymy by Halffter & Martínez (1977).

Ipselissus Paulian, 1939. Type species *Epilissus silphoides* Harold, 1867, by monotypy. Objective junior synonym of *Ipselissus* Olsoufieff.

Epilissus Dejean, 1836 [27 species and 5 additional subspecies]. Type species *Canthon prasinus* Klug, 1833, by subsequent designation of Reiche (1841).

Ignambia Heller, 1916 (not *Ignambia* Cheesman, 1953) [1 species]. Type species *Ignambia fasciculata* Heller, 1916, by monotypy.

Nanos Westwood, 1842b (not *Nanos* Kim, Yubuki, Leander & Graham, 2010) [43 species and 1 additional subspecies]. Type species *Circellium pygmaeum* Laporte, 1840, by original designation.

Sphaerocanthon Olsoufieff, 1947. Type species *Circelium clypeatum* Laporte, 1840, by original designation. Synonymy by Montreuil & Viljanen (2007).

Onthobium Reiche in Montrouzier, 1860 [13 species]. Type species *Onthobium macleayi* Montrouzier, 1860, by monotypy.

Panelus Lewis, 1895 [39 species]. Type species *Temnoplectron parvulum* Waterhouse, 1874, by original designation.

Panelus (**Macropanelus**) Ochi, Kon & Araya, 1998, as *Macropanelus*. Type species *Macropanelus sumatrensis* Ochi, Kon & Araya, 1998, by original designation. Status revised to *Macropanelus* by Tarasov (2017).

Paronthobium Paulian, 1985c [23 species]. Type species *Onthobium simplex* Fauvel, 1903, by original designation.

Anonthobium Paulian, 1985c. Type species *Onthobium tibiale* Fauvel, 1903, by original designation. Synonymy by Montreuil & Théry (2016).

Tesserodoniella Vaz-de-Mello & Halffter, 2006 [2 species]. Type species *Tesserodoniella elguetai* Vaz-de-Mello & Halffter, 2006, by original designation.

Tribe Epirinini van Lansberge, 1875
(1 genus)

Epirinus Dejean, 1833 [34 species]. Type species *Scarabaeus granulatus* Olivier, 1789 (= *Epirinus flagellatus* (Fabricius, 1775), not *Epirinus granulatus* Scholtz & Howden, 1987), by subsequent designation of Ferreira (1972). Notes: Ferreira (1972) designated *Scarabaeus flagellatus* Fabricius, 1775 as the type species, not an originally included species, but since she listed it in synonymy with *Scarabaeus granulatus* Olivier, 1789, a species originally included, she is deemed to have designated the latter species as type species. Reiche (1841) designated *Scarabaeus scabratus* Fabricius, 1794 (= *Epirinus flagellatus* (Fabricius, 1775)) as the type species but this was not originally included. Reiche (1841) incorrectly spelt *Epirinus* as “*Epirhinus*”.

Endroedyantus Cambefort, 1978. Type species *Endroedyantus silvestris* Cambefort, 1978, by original designation. Synonymy by Scholtz & Howden (1987).

Tribe Eucraniini Burmeister, 1873
(4 genera)

Anomiopsoides Blackwelder, 1944 [4 species]. Replacement name for *Anomiopsis* Burmeister, 1861, not *Anomiopsis* Westwood, 1838.

Eucranium (*Anomiopsis*) Burmeister, 1861. Type species *Anomiopsis heteroclytus* Blanchard, 1845 [in Westwood’s genus], by subsequent designation of Ocampo (2005). Status revised to *Anomiopsis* by Gillet (1911a).

Ennearabdus Lansberge, 1874c [1 species]. Type species *Onthophagus lobocephalus* Harold, 1868, by monotypy.

Eucranium Dejean, 1833 [6 species]. Type species *Ateuchus arachnoides* Lacordaire, 1830, by monotypy.

Anomiopsis Westwood 1838b (not *Anomiopsis* Burmeister 1861). Type species *Anomiopsis dioscorides* Westwood, 1838 (= *Eucranium arachnoides* Brullé, 1834), by monotypy. Synonymy by Reiche (1842).

Pachysoma (*Cyclodema*) Laporte, 1840. Type species *Pachysoma* (*Cyclodema*) *lacordairei* Laporte 1840 (= *Eucranium arachnoides arachnoides* Brullé, 1837), by monotypy. Synonym by Lacordaire (1856).

Psammotrupes Guérin-Méneville 1838. Type species *Psammotrupes dentifrons* Guérin-Méneville 1838, by monotypy. Synonymy by Reiche (1842).

Glyphoderus Westwood, 1838, as *Anomiopsis* (*Glyphoderus*) [3 species]. Type species *Anomiopsis* (*Glyphoderus*) *sterquilinus* Westwood, 1838, by monotypy. Status revised to *Glyphoderus* by Reiche (1841). Note: Reiche (1841) incorrectly spelt *Glyphoderus* as “*Glyphiderus*”.

Tribe Eurysternini Vulcano et al., 1961
(1 genus)

Eurysternus Dalman, 1824 (not *Eurysternus* Faust, 1894) [53 species]. Type species *Eurysternus planus* Dalman, 1824 (= *Eurysternus caribaeus* (Herbst, 1789)), by subsequent designation of Jessop (1985).

Aeschrotes Le Peletier de Saint-Fargeau & Audinet-Serville, 1828. Type species *Eurysternus planus* Dalman, 1824 (= *Eurysternus caribaeus* (Herbst, 1789)), by monotypy. Synonymy by Laporte (1840).

Isonotus: Le Peletier de Saint-Fargeau & Audinet-Serville 1828. Unavailable name.

Eurysternus (*Eurysternodes*) Martínez, 1988 (not *Eurysternodes* Schuster & Summers, 1978). Type species *Eurysternus velutinus* Bates, 1887, by original designation. Synonymy by Génier (2009).

Eurysternus (*Pareurysternus*) Martínez, 1988. Type species *Eurysternus* (*Pareurysternus*) *navajasi* Martínez, 1988, by original designation. Synonymy by Génier (2009).

Tropicalia Koçak & Kemal, 2008b. Replacement name for *Eurysternodes* Martínez, 1988.

Amartinezus Özdikmen, 2009. Unnecessary replacement name for *Eurysternodes* Martínez, 1988.

Tribe Gymnopleurini Streubel, 1846
(4 genera)

Allogymnopleurus Janssens, 1940b [18 species]. Type species *Gymnopleurus chloris* Klug, 1855 (= *Allogymnopleurus splendidus* (Bertoloni, 1849)), by original designation.

Garreta Janssens, 1940b [28 species and 1 additional subspecies]. Type species *Scarabaeus azureus* Fabricius, 1801 (= *Garreta nitens* (Olivier, 1789)), by original designation.

Gymnopleurus Illiger, 1803 [62 species and 7 additional subspecies]. Type species “*Ateuchus pilularius* of Fabricius” (= *Gymnopleurus* (*Gymnopleurus*) *geoffroyi* *geoffroyi* (Fuessly, 1775) (Bouchard et al. 2024)), by subsequent designation of Partington (1836).

Spinigymnopleurus Shipp, 1897b. Type species *Gymnopleurus tristis* Laporte, 1840, by original designation. Synonymy by Gillet (1911a).

***Gymnopleurus* (*Metagymnopleurus*)** Kabakov, 2006. Type species *Scarabaeus miliaris* Fabricius, 1775, by original designation.

Paragymnopleurus Shipp, 1897b [13 species and 7 additional subspecies]. Type species *Scarabaeus sinuatus* Olivier, 1789, by original designation.

Gymnopleurus (*Progyminopleurus*) Garreta, 1914. Type species *Scarabaeus sinuatus* Olivier, 1789, by original designation. Objective junior synonym of *Paragymnopleurus* Shipp.

Tribe Homocopriini Génier & Darling, 2024
(3 genera)

Andinocopris Génier & Darling, 2024 [2 species]. Type species *Pinotus achamas* Harold, 1867, by original designation

†***Gomphocopris*** Tello, Pino, Rossini & Verdú, 2024 [1 species]. Type species *Gomphocopris ashworthi* Tello, Pino, Rossini & Verdú, 2024, by original designation.

Homocopris Burmeister, 1846, as *Copris* (*Homocopris*) [4 species]. Type species *Pinotus torulosus* Eschscholtz, 1822, by monotypy. Status revised to *Homocopris* by Vaz-de-Mello *et al.* (2010).

Tribe Odontolomini Davis *et al.*, 2019
(1 genus)

Odontoloma Boheman, 1857 [20 species]. Type species *Odontoloma pauxillum* Boheman, 1857, by monotypy.

Caccobius (*Diaglyptus*) d'Orbigny, 1902 (not *Diaglyptus* Pilsbry, 1892). Type species *Caccobius* (*Diaglyptus*) *metasternalis* d'Orbigny, 1902, by monotypy. Synonymy by Gillet (1927).

Tribe Oniticellini Kolbe, 1905
(24 genera)

Subtribe Attavicina Philips, 2016
(2 genera)

Attavicinus Philips & Bell, 2008 [1 species]. Type species *Oniticellus monstrosus* Bates, 1887, by original designation.

Paroniticellus Balthasar, 1963c, as *Oniticellus* (*Paroniticellus*) [1 species]. Type species *Onitis festivus* Steven, 1809, by monotypy. Status revised to *Paroniticellus* by Kabakov (2006).

Subtribe Drepanocerina van Lansberge, 1875
(12 genera)

Afrodrepanus Krikken, 2009 [2 species]. Type species *Drepanocerus impressicollis* Boheman, 1857, by original designation.

Clypeodrepanus Krikken, 2009 [3 species]. Type species *Clypeodrepanus digitatus* Krikken, 2009, by original designation.

Cyptochirus Lesne, 1900 [4 species]. Type species *Drepanocerus ambiguus* Kirby, 1828, by monotypy.

Drepanochirus Péringuey, 1901. Type species *Onitis ambigua* Kirby, 1828, by monotypy. Objective junior synonym of *Cyptochirus* Lesne.

Drepanocerus Kirby, 1828 (not *Drepanocercus* Vockeroth, 1980) [4 species]. Type species *Drepanocerus kirbii* Kirby, 1828, by monotypy.

Drepanoplatynus Boucomont, 1921 [1 species]. Type species *Drepanoplatynus gilleti* Boucomont, 1921, by monotypy.

Eodrepanus Barbero, Palestini & Roggero, 2009a [9 species]. Type species *Drepanocerus parallelus* Raffray, 1877, by original designation.

Epidrepanus Roggero, Barbero & Palestini, 2015 [5 species]. Type species *Oniticellus caelatus* Gerstaecker, 1871, by original designation.

Ixodina Roth, 1851 [5 species and 2 additional subspecies]. Type species *Ixodina abyssinica* Roth, 1851, by monotypy.

Latodrepanus Krikken, 2009 [3 species]. Type species *Drepanocerus laticollis* Fåhræus, 1857, by original designation.

Drepanellus, Barbero, Palestini & Roggero, 2009b. Type species *Drepanocerus laticollis* Fåhræus, 1857, by original designation. Objective junior synonym of *Latodrepanus* Krikken.

Paraixodina Roggero, Barbero & Palestini, 2015 [3 species]. Type species *Drepanocerus runicus* Arrow, 1909, by original designation.

Sinodrepanus Simonis, 1985 [10 species]. Type species *Oniticellus falsus* Sharp, 1875, by original designation.

Tibiodrepanus Krikken, 2009 [7 species]. Type species *Copris setosus* Wiedemann, 1823, by original designation.

Sulcodrepanus Krikken, 2009. Type species *Oniticellus sulcicollis* Laporte, 1840, by original designation. Synonymy by Barbero *et al.* (2011).

Subtribe Helictopleurina Janssens, 1946

(1 genus)

Helictopleurus d'Orbigny, 1915 [59 species and 8 additional subspecies]. Type species *Scarabaeus marsyas* Olivier, 1789, by subsequent designation of Paulian (1937).

Helictopleurus (*Nudipleurus*) Lebis, 1960. Type species *Oniticellus amplicollis* Harold, 1880 (= *Helictopleurus neoamplicollis* Krell, 2000), by monotypy. Synonymy by Paulian & Cambefort (1991).

Heterosyphus Paulian, 1975. Type species *Heterosyphus sicardi* Paulian, 1975, by original designation. Synonymy by Philips (2016).

Subtribe Liatongina Philips, 2016

(1 genus)

Liatongus Reitter, 1892 [45 species]. Type species *Onthophagus phanaeroides* Westwood, 1835, by subsequent designation of Arrow (1931).

Onthosphaenus Motschulsky, 1860. Type species *Scarabaeus vertagus* Fabricius, 1798, by subsequent designation of Paulian (1986c). Note: This name is a senior synonym of *Liatongus* Reitter, but the latter is well established and should be maintained until a case is submitted to the Commission (Bezděk 2016; Bouchard *et al.* 2024).

Subtribe Oniticellina Kolbe, 1905

(8 genera)

Anoplodrepanus Simonis, 1981 [2 species]. Type species *Drepanocerus reconditus* Matthews, 1966, by original designation.

Euoniticellus Janssens, 1953 [19 species]. Type species *Scarabaeus fulvus* Goeze, 1777, by original designation.

Nitiocellus Branco, 2010 [2 species]. Type species *Oniticellus panthera* Boucomont, 1921, by original designation.

Oniticellus Dejean, 1821 [14 species]. The valid type species fixation is that of Thon (1832b) who selected *Scarabaeus flavipes* Fabricius, 1792, but that nominal species is currently placed in *Euoniticellus* Janssens, 1953. An application to the Commission is necessary to fix *Scarabaeus cinctus* Fabricius, 1775 (as selected by Arrow 1931) as the type species of *Oniticellus* Dejean, 1821 to conserve current usage (Bouchard *et al.* 2024).

Scaptodera Hope, 1837. Type species *Scarabaeus rhamistus* Fabricius, 1775, by monotypy. Synonymy by Harold (1869b).

Pseudoniticellus Kraatz, 1895. Type species *Oniticellus planatus* Laporte, 1840, by monotypy. Synonymy by d'Orbigny (1916).

Pseudoniticellus Paulian, 1945. Type species *Scarabaeus rhamistes* Fabricius, 1775, by original designation. Objective junior synonym of *Scaptodera* Hope and junior homonym of *Pseudoniticellus* Kraatz.

Liatongus (*Paraliatongus*) Balthasar, 1963c. Replacement name for *Pseudoniticellus* Paulian, 1945, not *Pseudoniticellus* Kraatz, 1895. Synonymy with *Scaptodera* by Paulian (1986c).

Scaptocnemis Péringuey, 1901 [1 species]. Type species *Scaptocnemis segregis* Péringuey, 1901, by monotypy.

Tiniocellus Péringuey, 1901 [7 species and 1 additional subspecies]. Type species *Oniticellus spinipes* Roth, 1851, by monotypy.

Tragiscus Klug, 1855 (not *Tragiscus* Thomson, 1857, nor *Tragiscus* Fieber, 1858) [1 species]. Type species *Tragiscus dimidiatus* Klug, 1855, by monotypy.

Deronitis Arrow, 1933. Type species *Deronitis ephippiatus* Arrow, 1933 (= *Tragiscus dimidiatus* Klug, 1855), by monotypy. Synonymy by Janssens (1939).

Yvescambefortius Ochi & Kon, 1996 [1 species]. Type species *Oniticellus sarawacus* Gillet, 1926, by original designation.

Tribe Onitini Laporte, 1840

(18 genera)

Acanthonitis Janssens, 1937 [4 species]. Type species *Acanthonitis oberthueri* Janssens, 1937, by monotypy.

Allonitis Janssens, 1936 [1 species]. Type species *Onitis nasutus* Felsche, 1907, by original designation.

Anonychonitis Janssens, 1950 [1 species]. Type species *Anonychonitis freyi* Janssens, 1950, by monotypy.

Aptychonitis Janssens, 1937 [2 species]. Type species *Onitis sulcicollis* Harold, 1868, by original designation.

Bubas Dejean, 1833 [3 species]. Type species *Scarabaeus bison* Linnaeus, 1767, by subsequent designation of Janssens (1937).

Cheironitis Lansberge, 1875 [24 species]. Type species *Scarabaeus furcifer* Rossi, 1792, by subsequent designation of Arrow (1931). Nomen protectum (Branco & Ziani 2005). Note: Bedel (1892) incorrectly spelt *Cheironitis* as “*Chironitis*”.

Uposlotus Costa, 1853. Type species *Scarabaeus furcifer* Rossi, 1792, by subsequent designation of Adám (2003). Nomen oblitum (Branco & Ziani 2005).

Gilletellus Janssens, 1937 [2 species]. Type species *Onitis porculus* Boheman, 1857, by original designation.

Heteronitis Gillet, 1911b [5 species]. Type species *Onitis tridens* Laporte, 1840, by subsequent designation of Janssens (1937).

Janssensellus Cambefort, 1975 [2 species]. Type species *Janssensellus bicaviventris* Cambefort, 1975, by original designation.

Kolbeellus Jacobson, 1906 [1 species]. Replacement name for *Tapeinopterus* Lansberge, 1875, not *Tapeinopterus* Schaum, 1858.

Tapeinopterus Lansberge, 1875. Type species *Tapeinopterus ateuchoides* Lansberge, 1875, by monotypy. Note: Janssens (1937) incorrectly spelt *Tapeinopterus* as “*Tapinopterus*”.

Lophodonitis Janssens, 1938a [2 species]. Type species *Onitis carinatus* Felsche, 1907, by original designation.

Megalonitis Janssens, 1937 [2 species]. Type species *Onitis gigas* Bertoloni, 1855, by original designation.

Neonitis Péringuey, 1901 [2 species]. Type species *Neonitis porculus* Péringuey, 1901 (= *Neonitis rhodesiae* Gillet, 1911), by monotypy.

Onitis Fabricius, 1798 [179 species and 3 additional subspecies]. Type species *Scarabaeus sphinx* Olivier, 1789, by subsequent designation of Latreille (1810).

Paronitis Balthasar, 1942b. Type species *Paronitis excavaticollis* Balthasar, 1942, by original designation. Synonymy by Josso & Montreuil (2017).

Platyonitis Janssens, 1942a [3 species]. Type species *Platyonitis oberthuri* Janssens, 1942, by monotypy.

Epionitis Balthasar, 1942b. Type species *Epionitis tarsatus* Balthasar, 1942, by monotypy. Synonymy by Krikken (1974).

Pleuronitis Lansberge, 1875 [4 species]. Type species *Onitis fulgidus* Laporte, 1840, by monotypy.

Pseudochironitis Ferreira, 1977 [2 species]. Type species *Cheironitis stuhlmanni* Kolbe, 1897, by original designation.

Tropidonitis Janssens, 1937 [1 species]. Type species *Onitis paradoxus* Boheman, 1857, by original designation.

Tribe Onthophagini Streubel, 1846 (46 genera)

Alloscelus Boucomont, 1923 [4 species]. Type species *Alloscelus paradoxus* Boucomont, 1923, by monotypy.

Afrocanthon Müller, 1941. Type species *Afrocanthon comosellus* Müller, 1941 (= *Alloscelus paradoxus* Boucomont, 1923), by original designation. Synonymy by Müller (1942).

Amietina Cambefort, 1981 [4 species]. Type species *Amietina larrochei* Cambefort, 1981, by original designation.

Anoctus Sharp, 1875b [5 species]. Type species *Anoctus laevis* Sharp, 1875, by monotypy.

Caccobiomorphus Balthasar, 1964b [1 species]. Type species *Caccobiomorphus brevisetosus* Balthasar, 1964 (= *Caccobius megaponerae* Brauns, 1914), by original designation.

Megaponerophilus: Janssens 1949. Unavailable name.

Megaponerophilus Ferreira, 1972. Type species *Caccobius megaponerae* Brauns, 1914, by original designation. Synonymy by Cambefort (1976).

Caccobius Thomson, 1859 [106 species and 1 additional subspecies]. Type species *Scarabaeus schreberi* Linnaeus, 1767, by original designation.

Histeridium Motschulsky, 1859. Type species *Scarabaeus schreberi* Linnaeus, 1767, by monotypy. Objective junior synonym of *Caccobius* Thomson; first reviser Harold (1867a).

- Caccobius (Cacconemus)** Jekel, 1872, as *Cacconemus*. Type species *Onthophagus castaneus* Klug, 1855, by subsequent designation of Branco (2011). Status revised to *Caccobius (Cacconemus)* by d'Orbigny (1902).
- Caccobius (Caccophilus)** Jekel, 1872, as *Caccophilus (Caccophilus)*. Type species *Caccobius himalayanus* Jekel, 1872, by subsequent designation of Cambefort (1979). Status revised to *Caccobius (Caccophilus)* by d'Orbigny (1898).
- Cambefortius** Branco, 1989 [8 species]. Type species *Onthophagus bidentiger* d'Orbigny, 1905, by original designation.
- Cleptocaccobius** Cambefort, 1984 [24 species and 1 additional subspecies]. Type species *Caccobius (Caccophilus) signaticollis* d'Orbigny, 1902, by original designation.
- Cyobius** Sharp, 1875b [6 species]. Type species *Cyobius wallacei* Sharp, 1875, by monotypy.
- Diastellopalpus** Lansberge, 1886 [36 species and 1 additional subspecies]. Type species *Scarabaeus tridens* Fabricius, 1871, by subsequent designation of Davis *et al.* (2008).
- Digitonthophagus** Balthasar, 1959, as *Onthophagus (Digitonthophagus)* [16 species]. Type species *Scarabaeus bonasus* Fabricius, 1775, by original designation. Status revised to *Digitonthophagus* by Zunino (1981).
- Disphysema** Harold, 1873 [1 species]. Type species *Disphysema candezei* Harold, 1873, by monotypy.
- Dorbignyolus** Branco, 1989 [1 species]. Type species *Onthophagus mirecibratus* d'Orbigny, 1913, by original designation.
- Euonthophagus** Balthasar, 1959, as *Onthophagus (Euonthophagus)* [30 species and 5 additional subspecies]. Type species *Scarabaeus amyntas* Olivier, 1789, by original designation. Status revised to *Euonthophagus* by Baraud (1977).
- Eusaproecius** Branco, 1989 [7 species]. Type species *Saproecius optatus* Péringuey, 1901, by original designation.
- Gonionthophagus** Dierkens, 2023 [18 species]. Type species *Onthophagus fulvocinctus* d'Orbigny, 1902, by original designation.
- Hamonthophagus** Roggero, Dierkens, Barbero & Palestrini, 2017 [5 species]. Type species *Scarabaeus bituberculatus* Olivier, 1789, by original designation.
- Hathoronthophagus** Stals, Daniel & Deschodt, 2024 [1 species]. Replacement name for *Hathor* Deschodt, 2023, not *Hathor* Kirkaldy & Edwards, 1902.
- Hathor* Deschodt in Deschodt & Sole, 2023. Type species *Hathor spinosa* Deschodt, 2023, by original designation.
- Heteroclitopus** Péringuey, 1901 [10 species]. Type species *Heteroclitopus remipes* Péringuey, 1901, by monotypy.
- Hyalonthophagus** Palestrini & Giacone, 1988, as *Onthophagus (Hyalonthophagus)* [12 species]. Type species *Onthophagus (Proagoderus) alcyon viridiceps* d'Orbigny, 1902, by original designation. Status revised to *Hyalonthophagus* by Davis *et al.* (2008).
- Jossonthophagus** Dierkens, Moretto & Génier, 2017 [21 species]. Type species *Onthophagus dispar* Péringuey, 1901, by original designation.
- Krikkenius** Branco, 1992a [1 species]. Type species *Heteroclitopus smeenki* Krikken, 1982, by original designation.
- Kurtops** Roggero, Barbero & Palestrini, 2017 [3 species]. Type species *Onthophagus signatus* Fåhræus, 1857, by original designation.
- Larhodium** Balthasar, 1963b, as *Haroldius (Larhodium)* [3 species]. Type species *Haroldius calcaratus* Janssens, 1934, by original designation. Status revised to *Larhodium* by Masumoto & Utsunomiya (2003).
- Macronthophagus** Ochi, 2003, as *Onthophagus (Macronthophagus)* [10 species and 1 additional subspecies]. Type species *Onthophagus uenoi* Ochi, 1995, by original designation. Status revised to *Macronthophagus* by Ochi & Kon (2024).
- Milichus** Péringuey, 1901 [15 species and 1 additional subspecies]. Type species *Onthophagus apicalis* Fåhræus, 1857, by monotypy. Note: Péringuey (1901) also spelt the genus as “*Melichus*”, but *Milichus* is in common usage.
- Mimonthophagus** Balthasar, 1963d [8 species]. Type species *Onthophagus apicehirtus* d'Orbigny, 1915, by original designation.
- Morettius** Roggero, Dierkens, Barbero & Palestrini, 2017 [2 species]. Type species *Onthophagus pallens* d'Orbigny, 1908, by original designation.
- Neosaproecius** Branco, 1990 [2 species]. Type species *Stiptopodius trituberculatus* Frey, 1958, by original designation.

Onthophagus Latreille, 1802 [~2242 species and 33 additional subspecies]. Type species *Scarabaeus taurus* Schreber, 1759, by monotypy.

Chalcoderus Erichson, 1847b. Type species *Ateuchus maculatus* Fabricius, 1801, by subsequent designation of Palestrini (1982). Synonymy by Harold (1869b).
Monapus Erichson, 1847b. Type species not designated but “probably *Onthophagus mnischei* Harold, 1869” (Matthews 1974). Synonymy by Harold (1869b).

Psilax Erichson, 1847b. Type species *Onthophagus pronus* Erichson, 1842, by monotypy. Synonymy by Harold (1869b).

Macropocopris Arrow, 1920b. Type species *Macropocopris prehensilis* Arrow, 1920, by monotypy. Synonymy by Matthews (1972).

Onthophagus (Gonocyphus) Lansberge, 1885. Type species *Scarabaeus obliquus* Olivier, 1789, by subsequent designation of Moretto (2009).

Onthophagus (Onthophagiellus) Balthasar, 1935b. Type species *Onthophagus crassicolis* Boucomont, 1913, by monotypy.

Onthophagus (Paronthophagus) Balthasar, 1959. Type species *Onthophagus deliensis* Lansberge, 1885, by original designation. Synonymy by Kabakov (1994).

Onthophagus (Matashia) Matsumura, 1938, as *Matashia*. Type species *Matashia mushana* Matsumura, 1938 (= *Onthophagus (Matashia) yubarinus* Matsumura, 1937), by original designation. Status revised to *Onthophagus (Matashia)* by Nomura (1973). Note: Nomura (1973) incorrectly spelt *Matashia* as “*Matasha*”.

Onthophagus (Indachorius) Balthasar, 1941c, as *Indachorius*. Type species *Indachorius hirtus* Balthasar, 1941 (not Illiger, 1803, = *Onthophagus (Indachorius) nefarius* Balthasar, 1963), by monotypy. Status revised to *Onthophagus (Indachorius)* by Balthasar (1963c).

Onthophagus (Onthoellus) Balthasar, 1959. Type species *Onthophagus heterorrhinus* Lansberge, 1885, by original designation. Synonymy by Balthasar (1963c).

Onthophagus (Endrodus) Balthasar, 1959. Type species *Onthophagus praedatus* Harold, 1862, by original designation.

Onthophagus (Paraphanaeomorphus) Balthasar, 1959. Type species *Onthophagus phanaeicollis* Lansberge, 1883, by original designation.

Onthophagus (Colobonthophagus) Balthasar, 1963c. Type species *Scarabaeus tragus* Fabricius, 1792, by original designation.

Onthophagus (Colobonthophagus): Balthasar 1935b. Unavailable name.

Onthophagus (Micronthophagus) Balthasar, 1963c. Type species *Onthophagus hystrix* Boucomont, 1914, by original designation.

Onthophagus (Micronthophagus): Balthasar 1935b. Unavailable name.

Onthophagus (Phanaeomorphus) Balthasar, 1963c. Type species *Onthophagus sycophanta* Fairmaire, 1887, by original designation.

Onthophagus (Thallerophagus) Gistel, 1857. Type species *Onthophagus angulatus* Redtenbacher, 1848 (= *Onthophagus (Phanaeomorphus) gagates* Hope, 1831), by original designation. Note: *Thallerophagus* was subsequently mentioned only by Strand (1917) and *Phanaeomorphus* is common usage. An application to the Commission is necessary to conserve *Phanaeomorphus* Balthasar, 1963 as a valid name.

Onthophagus (Phanaeomorphus): Balthasar 1935b. Unavailable name.

Onthophagus (Serrophorus) Balthasar, 1963c. Type species *Scarabaeus seniculus* Fabricius, 1781, by original designation.

Onthophagus (Serrophorus): Balthasar 1935b. Unavailable name.

Onthophagus (Strandius) Balthasar, 1963c. Type species *Onthophagus lenzii* Harold, 1874, by original designation.

Onthophagus (Strandius): Balthasar 1935b. Unavailable name.

Onthophagus (Gibbonthophagus) Balthasar, 1963c. Type species *Onthophagus atripennis* Waterhouse, 1875, by original designation.

Onthophagus (Gibbonthophagus): Balthasar 1935b. Unavailable name.

Onthophagus (Eremonthophagus) Zunino, 1979. Type species *Onthophagus sticticus* Harold, 1867, by original designation.

Onthophagus (Furconthophagus) Zunino, 1979. Type species *Scarabaeus furcatus* Fabricius, 1781, by original designation.

Onthophagus (Palaeonthophagus) Zunino, 1979. Type species *Scarabaeus vacca* Linnaeus, 1767, by original designation.

Bubalonthophagus Ádám, 1994. Type species *Onthophagus furciceps* Marséul, 1869, by original designation. Synonymy by Ziani & Gudenzi (2006).

Citellonthophagus Ádám, 1994. Type species *Scarabaeus vitulus* Fabricius, 1776, by original designation. Synonymy by Ziani & Gudenzi (2006).

Haplonthophagus Ádám, 1994. Type species *Scarabaeus lemur* Fabricius, 1781, by original designation. Synonymy by Martín-Piera & López-Colón (2000).

Kisonthophagus Ádám, 1994. Type species *Scarabaeus ovatus* Linnaeus, 1767, by original designation. Synonymy by Martín-Piera & López-Colón (2000).

Lucidonthophagus Ádám, 1994. Type species *Copris lucidus* Illiger, 1800, by original designation. Synonymy by Löbl *et al.* (2006).

Troglonthophagus Ádám, 1994. Type species *Scarabaeus semicornis* Panzer, 1798, by original designation. Synonymy by Martín-Piera & López-Colón (2000).

Onthophagus (Parentius) Zunino, 1979. Type species *Copris punctata* Illiger, 1803, by original designation.

Onthophagus (Relictonthophagus) Kabakov, 1979. Type species *Copris punctata* Illiger, 1803, by original designation. Objective junior synonym of *Onthophagus (Parentius)* Zunino; first reviser Martín-Piera (1986).

Onthophagus (Amphionthophagus) Martín-Piera & Zunino, 1983. Type species *Onthophagus numidicus* d'Orbigny, 1908, by original designation.

Onthophagus (Altonthophagus) Kabakov, 1990. Type species *Onthophagus sibiricus* Harold, 1877, by original designation.

Onthophagus (Sunenaga) Ochi, 2003. Type species *Onthophagus anguliceps* Boucomont, 1914, by original designation.

Onthophagus (Exonthophagus) Kabakov, 2006. Type species *Onthophagus haroldi* Ballion, 1871 by original designation.

Onthophagus (Indonthophagus) Kabakov, 2006. Type species *Scarabaeus mopsus* Fabricius, 1792, by original designation.

Onthophagus (Sinonthophagus) Kabakov, 2006. Type species *Onthophagus rugulosus* Harold, 1886, by original designation.

Onthophagus (Pseudophanaeomorphus) Ochi, 2007. Type species *Onthophagus quasijohkii* Ochi & Kon, 2005 by original designation.

Onthophagus (Afrostrandius) Moretto, 2009. Type species *Onthophagus tigrinus* d'Orbigny, 1908, by original designation.

Onthophagus (Bicornonthophagus) Tagliaferri & Moretto in Tagliaferri *et al.*, 2012. Type species *Onthophagus cornifrons* Thomson, 1858, by original designation.

Onthophagus (Hikidaeus) Ochi & Kon, 2016. Type species *Onthophagus shirakii* Nakane, 1960, by original designation.

Onthophagus (Cryptonthophagus) Dierkens, 2022. Type species *Onthophagus (Cryptonthophagus) planidoris* Dierkens, 2022, by original designation.

Onthophagus (Drepanonthophagus) Dierkens, 2022. Type species *Onthophagus bellus* d'Orbigny, 1905, by original designation.

Parascatonomus Paulian, 1932b [123 species and 7 additional subspecies]. Replacement name for *Coomanius* Paulian, 1932, not *Coomanius* Fleutiaux, 1924.

Coomanius Paulian, 1932a. Type species *Coomanius politus* Paulian, 1932, by monotypy.

Parascatonomus (Pseudonthophagus) Balthasar, 1959, as *Onthophagus (Pseudonthophagus)*. Type species *Onthophagus penicillatus* Harold, 1879, by original designation. Status revised to *Parascatonomus (Pseudonthophagus)* by Ochi & Kon (2017).

Parascatonomus (Laonthophagus) Frey, 1971. Type species *Onthophagus (Laonthophagus) ardoini* Frey, 1971, by monotypy. Status revised to *Parascatonomus (Laonthophagus)* by Ochi *et al.* (2021).

Parascatonomus (Granulidorsum) Ochi & Kon, 2017. Type species *Onthophagus rudis* Sharp, 1875, by original designation.

Parascatonomus (Necramator) Ochi & Kon, 2017. Type species *Onthophagus sarawacus* Harold, 1877, by original designation.

Parascatonomus (Peculiaricerus) Ochi & Kon, 2017. Type species *Onthophagus egregius* Arrow, 1907, by original designation.

Parascatonomus (Morettoeus) Ochi & Kon, 2023. Type species *Ateuchus maculatus* Fabricius, 1801, by original designation.

Phaeditrogus Paulian, 1985a [1 species]. Type species *Ponerotrogus ceylonicus* Balthasar, 1973, by original designation.

Phalops Erichson, 1847b (not *Phalops* Menge, 1868) [38 species and 1 additional subspecies]. Type species *Copris ciconia* Fabricius, 1801 (= *Phalops iphis* (Olivier, 1789)), by subsequent designation of Shipp (1895a).

Copriodes Gistel, 1857 (not *Copriodes* Turner, 1916). Type species *Onthophagus fimbriatus* Klug, 1835, by monotypy. Synonymy by Génier (2011).

Ephilopus Reitter, 1892. Type species *Scarabaeus iphis* Olivier, 1789, by original designation. Synonymy by Reitter (1894).

Pinacopodius Branco, 1992a [2 species]. Type species *Heteroclitopus meruensis* Krikken, 1982, by original designation.

Pinacotarsus Harold, 1875 [2 species]. Type species *Pinacotarsus dohrni* Harold, 1875, by monotypy.

Proagoderus Lansberge, 1883, as *Onthophagus* (*Proagoderus*) [128 species and 2 additional subspecies]. Type species *Onthophagus* (*Proagoderus*) *ritsemae* Lansberge, 1883, by monotypy. Status revised to *Proagoderus* by Shipp (1896a). Name placed on the Official List of Generic Names in Zoology (ICZN 1993). Nomen protectum (Moretto 2013).

Melinocerus Motschulsky, 1859. Type species *Copris harpax* Fabricius, 1801, by monotypy. Nomen oblitum (Moretto 2013).

Onthotrogus Motschulsky, 1859. Type species *Copris auratus* Fabricius, 1801, by monotypy. Synonymy by Harold (1869b). Name suppressed for the purposes of priority (ICZN 1993).

Tauronthophagus Shipp, 1895a. Type species *Onthophagus rangifer* Klug, 1855, by original designation. Synonymy by d'Orbigny (1902).

Pseudosaproecius Balthasar, 1941d [12 species]. Type species *Onthophagus comatus* d'Orbigny, 1902, by original designation.

Stiptocnemis Branco, 1989 [2 species]. Type species *Heteroclitopus gilleti* Boucomont, 1923, by original designation.

Stiptopodius Harold, 1871 [15 species]. Type species *Stiptopodius doriae* Harold, 1871, by monotypy.

Saproecius Péringuey, 1901. Type species *Saproecius singularis* Péringuey, 1901, by subsequent designation of Janssens (1939). Synonymy by Janssens (1942b).

Stiptotarsus Branco, 1989 [3 species]. Type species *Stiptopodius latetarsatus* Boucomont, 1923, by original designation.

Sukelus Branco, 1992b [1 species]. Replacement name for *Falcidius* Branco, 1992, not *Falcidius* Stål, 1866.

Falcidius Branco, 1992a. Type species *Falcidius jessopi* Branco, 1992, by original designation.

Tiaronthophagus Roggero, Moretto, Barbero & Palestini, 2019 [26 species]. Type species *Onthophagus schaufussi* Harold, 1867, by original designation.

Tomogonus d'Orbigny, 1904, as *Caccobius* (*Tomogonus*) (not *Tomogonus* Demange, 1971) [5 species]. Type species *Caccobius crassus* d'Orbigny, 1902, by monotypy. Status revised to *Tomogonus* by Cambefort (1979).

Trichonthophagus Zunino, 1979, as *Onthophagus* (*Trichonthophagus*) [35 species]. Type species *Copris hirta* Illiger, 1803, by original designation. Status revised to *Trichonthophagus* by Moretto (2023).

Uenoëus Ochi & Kon, 2017 [3 species]. Type species *Parascatonomus pseudoriekoae* Ochi, Kon & Masumoto, 2012, by original designation.

Unidentis Josso & Prévost, 2008 [1 species]. Type species *Unidentis vwaza* Josso & Prévost, 2008, by original designation.

Walterantus Cambefort, 1977 [1 species]. Type species *Onthophagus rufoclypeatus* Frey, 1960, by original designation.

Tribe Parachoriini Tarasov, 2017 (1 genus)

Parachorius Harold, 1873 [20 species]. Type species *Parachorius thomsoni* Harold, 1873, by monotypy.

Cassolus Sharp, 1875b. Type species *Cassolus nudus* Sharp, 1875, by monotypy. Synonymy by Tarasov (2017).

Heteroateuchus: Paulian 1934b. Unavailable name.

Heteroateuchus Paulian, 1935. Type species *Heteroateuchus oberthueri* Paulian, 1935, by monotypy. Synonymy by Matthews (1974).

Tribe Phanaeini Hope, 1838
(11 genera)

Subtribe Gromphadina Zunino, 1985
(3 genera)

Bolbites Harold, 1868d [1 species]. Type species *Bolbites onitoides* Harold, 1868, by monotypy.

Aeschropus: Harold 1869b. Unavailable name.

Gromphas Dejean, 1836 [6 species]. Type species *Coprobis lacordairii* Oken, 1834, by monotypy.

Oruscatus Bates, 1870 [2 species]. Type species *Oruscatus davus* Bates 1870, by subsequent designation of Chamorro *et al.* (2019).

Subtribe Phanaeina Hope, 1838
(8 genera)

Coprophanaeus Olsoufieff, 1924, as *Phanaeus* (*Coprophanaeus*) [50 species and 1 additional subspecies]. Type species *Scarabaeus jasius* Olivier, 1789, by original designation. Status revised to *Coprophanaeus* by Blackwelder (1944).

***Coprophanaeus* (*Megaphanaeus*)** Olsoufieff, 1924, as *Phanaeus* (*Megaphanaeus*). Type species *Scarabaeus lancifer* Linnaeus, 1767, by original designation. Status revised to *Coprophanaeus* (*Megaphanaeus*) by Edmonds (1972).

***Coprophanaeus* (*Metallophanaeus*)** Olsoufieff, 1924, as *Phanaeus* (*Metallophanaeus*). Type species *Copris saphirinus* Sturm, 1826, by original designation. Status revised to *Coprophanaeus* (*Metallophanaeus*) by Edmonds (1972).

Dendropaemon Perty, 1830 [41 species]. Type species *Eurysternus piceus* Perty, 1830, by subsequent designation of Blut (1939). Note: Lacordaire (1856) incorrectly spelt *Dendropaemon* as “*Dendropoemon*”.

Dendropemon Agassiz, 1846 (not *Dendropemon* Schönherr, 1939). Unjustified emendation of *Dendropaemon* Perty.

Euryderus: Harold 1869b. Unavailable name.

Rhyssochaeton: Harold 1869b. Unavailable name.

***Dendropaemon* (*Enicotarsus*)** Laporte, 1831, as *Enicotarsus*. Type species *Enicotarsus viridipennis* Laporte, 1831; monotypy. Status revised to *Dendropaemon* (*Enicotarsus*) by Génier & Arnaud (2016).

***Dendropaemon* (*Eurypodea*)** Klages, 1906, as *Eurypoda*. Type species *Eurypodea fredericki* Klages, 1906, by monotypy. Status revised to *Dendropaemon* (*Eurypodea*) by Génier & Arnaud (2016).

Tetramereia Klages, 1907. Unnecessary replacement name for *Eurypodea* (confused with *Eurypoda* Saunders, 1853).

Boucomontius Olsoufieff, 1924. Type species *Dendropemon convexus* Harold, 1869, by monotypy. Synonymy by Janssens (1940c).

***Dendropaemon* (*Coprophanaeoides*)** Edmonds, 1972. Type species *Dendropaemon renatii* Olsoufieff, 1924, by original designation.

***Dendropaemon* (*Paradendropaemon*)** Edmonds, 1972. Type species *Dendropaemon ganglbaueri* Felsche, 1909, by original designation.

***Dendropaemon* (*Glaphyropaemon*)** Génier & Arnaud, 2016. Type species *Dendropaemon angustipennis* Harold, 1869, by original designation.

***Dendropaemon* (*Nigropaemon*)** Génier & Arnaud, 2016. Type species *Dendropaemon (Nigropaemon) nigrutilus* Génier & Arnaud, 2016, by original designation.

***Dendropaemon* (*Rutilopaemon*)** Génier & Arnaud, 2016. Type species *Dendropaemon refulgens* Waterhouse, 1891, by original designation.

***Dendropaemon* (*Streblopaemon*)** Génier & Arnaud, 2016. Type species *Dendropaemon fractipes* Felsche, 1909, by original designation.

***Dendropaemon* (*Sulcopaemon*)** Génier & Arnaud, 2016. Type species *Dendropaemon fascies* Blut, 1939, by original designation.

***Dendropaemon* (*Titthopaemon*)** Génier & Arnaud, 2016. Type species *Dendropaemon denticollis* Felsche, 1909, by original designation.

***Dendropaemon* (*Crassipaemon*)** Cupello & Génier, 2017. Type species *Dendropaemon amyntas* Lacordaire, 1856, by original designation.

Onthoecus: Dejean 1833. Unavailable name.

Onthoecus: Lacordaire 1856. Unavailable name.

Diabroctis Gistel, 1857 [5 species]. Type species *Scarabaeus mimas* Linnaeus, 1758, by monotypy.

Taurocopris Olsoufieff, 1924. Type species *Scarabaeus mimas* Linnaeus, 1758, by subsequent designation of Edmonds (1972). Objective junior

synonym of *Diabroctis* Gistel. Synonymy by Martínez & Pereira (1967).

Homalotarsus Janssens, 1932 [1 species]. Type species *Homalotarsus impressus* Janssens, 1932, by original designation.

Megatharsis Waterhouse, 1891 [1 species]. Type species *Megatharsis buckleyi* Waterhouse, 1891, by monotypy.

Oxysternon Laporte, 1840 [11 species and 1 additional subspecies]. Type species *Scarabaeus festivus* Linnaeus, 1758, by subsequent designation of Martínez & Pereira (1967).

Oxysternum Agassiz, 1846. Unjustified emendation of *Oxysternon* Laporte.

Sternaspis Hope, 1837 (not *Sternaspis* Otto, 1821). Type species *Scarabaeus festivus* Linnaeus, 1758, by subsequent designation of Edmonds (1972). Objective junior synonym of *Oxysternon* Laporte.

Strombodes Gistel, 1857 (not *Strombodes* Schweigger, 1819). Type species *Scarabaeus festivus* Linnaeus, 1758, by original designation. Objective junior synonym of *Oxysternon* Laporte.

Gisteliodes Strand, 1917. Unnecessary replacement name for *Strombodes* Gistel.

Oxysternon (*Mioxysternon*) Edmonds, 1972. Type species *Oxysternon spiniferum* Laporte, 1840, by original designation.

Oxysternon (*Pteroxysternon*) Arnaud, 2002. Type species *Oxysternon pteroderum* Nevinson, 1892, by monotypy. Synonymy by Edmonds & Zidek (2004).

Phanaeus MacLeay, 1819 [83 species and 10 additional subspecies]. Type species *Phanaeus vindex* MacLeay, 1819, misidentified as *Scarabaeus carnifex* Linnaeus, 1758 (sensu Linnaeus, 1767), as in the subsequent designation of Olsoufieff (1924), by subsequent designation of Bouchard *et al.* (2024). Note: Latreille (1827) incorrectly spelt *Phanaeus* as “*Phaneus*”.

Lonchophorus Germar, 1824. Type species *Scarabaeus carnifex* Linnaeus, 1758, by subsequent designation of Edmonds (1972). Synonymy by Harold (1869b).

Onthurgus Gistel, 1857. Type species *Scarabaeus carnifex* Linnaeus, 1767 (= *Phanaeus vindex* MacLeay, 1819), by original designation. Synonymy by Edmonds (1972).

Palaeocoprpris Pierce, 1946. Type species *Palaeocoprpris labrae* Pierce, 1946, by monotypy. Synonymy by Miller *et al.* (1981).

Phanaeus (*Notiophanaeus*) Edmonds, 1994. Type species *Scarabaeus splendidulus* Fabricius, 1781, by original designation. Synonymy by Moctezuma (2025).

Sulcophanaeus Olsoufieff, 1924, as *Phanaeus* (*Sulcophanaeus*) [15 species and 5 additional subspecies]. Type species *Scarabaeus sulcatus* Drury, 1770 (= *Sulcophanaeus carnifex* (Linnaeus, 1758)), by original designation. Status revised to *Sulcophanaeus* by Blackwelder (1944).

Eucopriscus Gistel, 1857. Type species *Phanaeus columbi* MacLeay, 1819, by original designation. Nomen oblitum (Edmonds 2000).

Tribe Scarabaeini Latreille, 1802

(11 genera)

Ateuchetus Bedel, 1892, as *Scarabaeus* (*Ateuchetus*) [10 species]. Type species *Scarabaeus laticollis* Linnaeus, 1767, by subsequent designation of Martín-Piera (2000). Status revised to *Ateuchetus* by Ziani (2002).

Escarabaeus Zidek & Pokorný, 2011, as *Scarabaeus* (*Escarabaeus*) [8 species and 1 additional subspecies]. Replacement name for *Scarabaeus* (*Mesoscarabaeus*) Zidek & Pokorný, 2008, not *Mesoscarabaeus* Hong, 1982. Status revised to *Escarabaeus* by Ziani & Gudenzi (2013).

Scarabaeus (*Mesoscarabaeus*) Zidek & Pokorný, 2008. Type species *Scarabaeus cristatus* Fabricius 1775, by original designation.

Kheper Janssens, 1940a [27 species and 4 additional subspecies]. Type species *Ateuchus aegyptiorum* Latreille, 1827, by original designation.

Mnematidium Ritsema, 1888 [1 species]. Replacement name for *Octodon* Lansberge, 1874, not *Octodon* Bennett, 1832.

Octodon Lansberge, 1874b. Type species *Ateuchus multidentatus* Klug, 1845, by monotypy.

Neoctodon Bedel, 1892. Unnecessary replacement name for *Octodon* Lansberge, 1874.

Mnematium MacLeay, 1821 [2 species]. Type species *Mnematium ritchii* MacLeay, 1821, by monotypy.

Pachylomera Griffith & Pidgeon, 1832 (not *Pachylomera* Rondani, 1856). Type species *Scarabaeus femoralis*

Neateuchus Gillet, 1911b. Type species *Ateuchus proboscideus* Guérin-Méneville, 1844, by subsequent designation of Lucas (1920). Synonymy by Mostert & Scholtz (1986).

Neomnematium Janssens, 1938b. Type species *Scarabaeus sevoistra* Alluaud, 1902, by original designation. Synonymy by Mostert & Scholtz (1986).

Drepanopodus Janssens, 1940a. Type species *Ateuchus costatus* Wiedemann, 1823, by original designation. Synonymy by Forgie *et al.* (2005).

Madateuchus Paulian, 1953. Type species *Madateuchus viettei* Paulian, 1953, by original designation. Synonymy by Mostert & Scholtz (1986).

***Scarabaeus (Pachylosoma)* Zidek & Pokorný, 2008.**
Type species *Mnematium cancer* Arrow 1919, by monotypy.

Sceliages Westwood, 1837 [7 species]. Type species *Sceliages iopus* Westwood, 1837 (= *Sceliages adamastor* (Le Peletier de Saint-Fargeau & Audinet-Serville, 1828)), by monotypy.

Parascarabaeus Balthasar, 1961b. Type species
Parascarabaeus tonkineus Balthasar, 1961, by
original designation. Synonymy by Balthasar
(1968).

Tribe Sisypkini Mulsant, 1842
(3 genera)

Indosisyphus Barbero, Palestirini & Zunino, 1991 [1 species]. Type species *Sisyphus hirtus* Wiedemann, 1823, by original designation.

Nesosisyphus Vinson, 1946 [4 species]. Type species
Sisyphus vicinus Vinson, 1939, by original
designation.

Sisyphus Latreille, 1807 (not *Sisyphus* Koch, 1837 nor *Sisyphus* Desbonne, 1867) [105 species and 6 additional subspecies]. Type species *Scarabaeus schaefferi* Linnaeus, 1758, by monotypy. Note: The original spelling was *Sisyphæ* but *Sisyphus*, an incorrect subsequent spelling, is in prevailing usage and, therefore, deemed to be the correct original spelling (Bouchard *et al.* 2024).

***Sisyphus* (*Neosisyphus*)** Müller, 1942. Type species *Sisyphus atratus* Klug, 1855 (= *Sisyphus* (*Neosisyphus*) *spinipes* (Thunberg, 1818)), original designation.

Sisyphus (*Parasisyphus*) Barbero, Palestini & Zunino, 1991, as *Parasisyphus*. Type species *Sisyphus*

biarmatus Felsche, 1909, by original designation. Status revised to *Sisyphus* (*Parasisyphus*) by Daniel *et al.* (2019).

Placement to tribe uncertain - Australian Endemic Genera
(20 genera)

Amphistomus Lansberge, 1874b [25 species]. Replacement name for *Merodontus* Macleay, 1871, not *Merodontus* Jekel, 1854.

Merodontus Macleay, 1871. Type species *Merodontus calcaratus* Macleay, 1871, by monotypy.

Platyphymatia Waterhouse, 1874. Unnecessary replacement name for *Merodontus* Macleay.

Aptenocanthon Matthews, 1974 [6 species]. Type species *Panelus hopsoni* Carter, 1936, by original designation.

Aulacopris White, 1859 [3 species]. Type species *Aulacopris reichei* White, 1859, by monotypy.

Canthonosoma Macleay, 1871 [3 species]. Type species *Canthonosoma mastersii* Macleay, 1871, by monotypy.

Homodesmius Sharp, 1873. Type species *Cephalodesmius haroldi* Sharp, 1873 (= *Canthonosoma macleayi* (Harold, 1868)), by monotypy. Synonymy by Lansberge (1874b).

Cephalodesmius Westwood, 1842a [4 species]. Type species *Cephalodesmius armiger* Westwood, 1842, by monotypy.

Coproecus Reiche, 1841 [1 species]. Type species *Circellium hemisphaericum* Guérin-Ménéville, 1844, by monotypy.

Coptodactyla Burmeister, 1846 [17 species]. Type species *Copris glabricollis* Hope, 1842, by monotypy.

Coptodactyla (*Boucomontia*): Paulian 1933. Unavailable name.

Diorygopyx Matthews, 1974 [8 species]. Type species *Temnoplectron tibiale* Macleay, 1871, by original designation.

Labroma Sharp, 1873 [3 species]. Type species *Labroma horrens* Sharp, 1873, by monotypy.

Lepanus Balthasar, 1966 [59 species]. Type species *Lepanus ovatus* Balthasar, 1966, by original designation.

Parapanelus Balthasar, 1966. Type species *Parapanelus gressitti* Balthasar, 1966, by monotypy. Synonymy by Matthews (1974).

Paraphacosomoides Balthasar, 1969 [1 species]. Replacement name for *Phacosomoides* Balthasar, 1966, not *Phacosomoides* Martínez & Pereira, 1959. Synonymy by Gunter *et al.* (2025).

Phacosomoides Balthasar, 1966. Type species *Phacosomoides curvipes* Balthasar, 1966, by original designation.

Pseudophacosoma Paulian, 1975. Unnecessary replacement name for *Phacosomoides* Balthasar, 1966.

Oficanthon Paulian, 1985b. Type species *Oficanthon mirabilis* Paulian, 1985, by original designation. Synonymy by Gunter *et al.* (2022).

Matthewsius Gunter & Weir, 2017 [6 species]. Type species *Matthewsius stricklandensis* Gunter & Weir, 2017, by original designation.

Mentophilus Laporte, 1840 [2 species]. Type species *Aulacium carinatum* Reiche, 1841, by subsequent designation of Bouchard *et al.* (2024). Note: Laporte (1840) also spelt *Mentophilus* as *Mintophilus* (pl. 23) and *Minthophilus* (p. 63); Bouchard *et al.* (2024) acted as first reviser, selecting *Mentophilus* as the correct original spelling.

Aulacium: Dejean 1833. Nomen oblitum (Cupello *et al.* (2025). Type species *Aulacium carinatum* Reiche, 1841, by subsequent designation of Bousquet & Bouchard (2013).

Monoplistes Lansberge, 1874a [6 species]. Type species *Monoplistes haroldi* Lansberge, 1874, by monotypy.

Monteithocanthon Gunter & Weir, 2017 [6 species]. Type species *Lepanus arator* Matthews, 1974, by original designation.

Pseudignambia Paulian, 1985c [2 species]. Type species *Ignambia mimerops* Matthews, 1974, by original designation.

Rhytomus Génier & Saxton in Génier *et al.*, 2025 [12 species]. Type species *Tesserodon elongatum* Lansberge, 1885, by original designation.

Sauvagesinella Paulian, 1934b [4 species]. Type species *Sauvagesinella monstrosa* Paulian, 1934, by monotypy.

Temnoplectron Westwood, 1842a [21 species]. Type species *Temnoplectron rotundum* Westwood, 1842, by monotypy.

Tesserodon Hope, 1837, as *Ateuchus* (*Tesserodon*) [13 species]. Type species *Scarabaeus novaehollandiae* Fabricius, 1775, by monotypy. Status revised to *Tessarodon* by Hope (1837: plate III). Note: In the errata to Hope (1837) the spelling was corrected to *Tessarodon* but *Tesserodon* is in common usage. Cupello *et al.* (2025) noted that an application to the Commission to preserve *Tesserodon* as the correct spelling is being prepared.

Anisodon: Hope 1837. Unavailable name.

Thyregis Blackburn, 1904 [4 species]. Type species *Thyregis kershawi* Blackburn, 1904, by monotypy.

Arrowianella Paulian, 1933. Type species *Arrowianella tarsata* Paulian, 1933, by original designation. Synonymy by Matthews (1976).

References

- Ádám, L. (1994) A check-list of the Hungarian Scarabaeoidea with the description of ten new taxa (Coleoptera). *Folia Entomologica Hungarica*, 55, 5–17.
- Ádám, L. (2003) Faunisztikai adatok a Kárpát-medencéből (Coleoptera: Scarabaeoidea). *Folia Historico Naturalia Musei Matraensis*, 27, 101–136.
- Agassiz, L. (1846) *Nomenclator zoologicus: continens nomina systematica generum animalium tam viventium quam fossilium, secundum ordinem alphabeticum disposita, adjectis auctoribus, libris, in quibus reperiuntur, anno editionis, etymologia et familiis, ad quas pertinent, in singulis classibus*. Jent & Gassmann, Solothurn, Germany, vii + 393 pp. <https://doi.org/10.5962/bhl.title.15763>
- Allsopp, P.G. and Schoolmeesters, P. (2024a) All genera of the world: Subfamilies Dynastinae, Rutelinae and Cetoniinae (Animalia: Arthropoda: Insecta: Coleoptera: Scarabaeidae). *Megataxa*, 12, 1–103. <https://doi.org/10.11646/megataxa.12.1.1>
- Allsopp, P.G. and Schoolmeesters, P. (2024b) All genera of the world: Subfamilies Prototroginae, Cretoscarabaeinae, Dynamopodinae, Electrorubropsinae, Phaenomeridinae, Orphninae, Allidiostomatinae, Aclopininae, Melolonthinae, Onicerinae, Podolasiinae, Sericinae, Sericoidinae (Animalia: Arthropoda: Insecta: Coleoptera: Scarabaeidae). *Megataxa*, 12, 104–175. <https://doi.org/10.11646/megataxa.12.1.2>
- Arias-Buriticá, J.A. & Vaz-de-Mello, F.Z. (2025) Contributions to the taxonomy of *Dichotomius* Hope, 1838 (Scarabaeidae: Scarabaeinae: Dichotomiini): Description of a new subgenus and redefinition of *Dichotomius* sensu stricto species groups. *Revista Brasileira de Entomologia*, 69: e20240023. <https://doi.org/10.1590/1806-9665-rbent-2024-0023>
- Arnaud, P. (2002) *Phanaeini. Coléoptères du Monde Volume 28*. Hillside Books, Canterbury, United Kingdom, 151 pp.
- Arrow, G.J. (1905) On some Oriental aphodiid Coleoptera of the *Rhyparus* group, with description of a new genus. *Annals and Magazine of Natural History, Series 7*, 15, 534–540. <https://doi.org/10.1080/03745480509442847>
- Arrow, G.J. (1920a) A remarkable new genus of lamellicorn beetles. *Annals and Magazine of Natural History, Series 9*, 6, 431–434. <https://doi.org/10.1080/00222932008632459>
- Arrow, G.J. (1920b) A peculiar new genus of Australian beetles. *Annals and Magazine of Natural History, Series 9*, 6, 434–437. <https://doi.org/10.1080/00222932008632460>
- Arrow, G.J. (1931) *The Fauna of British India including Ceylon and Burma, Coleoptera, Lamellicornia, Part III. (Coprinae)*. Taylor and Francis, London, United Kingdom, 428 pp.
- Arrow, G.J. (1932) New species of lamellicorn beetles (subfam. Coprinae) from South America. *Stylops*, 1, 223–226. <https://doi.org/10.1111/j.1365-3113.1932.tb01335.x>
- Arrow, G.J. (1933) Notes on coprid Coleoptera with descriptions of a new genus and a few new species. *Annals and Magazine of Natural History, Series 10*, 12, 421–430. <https://doi.org/10.1080/0022293308673705>
- Audouin, J.V. & Brullé, G.A. (1837) *Histoire naturelle des insectes, traitant de leur organisation et de leurs moeurs en général, by M. V. Audouin et comprenant leur classification et la description des espèces, by M. A. Brullé. Tome VI: Coléoptères*. G.A. Brullé, Paris, France, 448 pp. <https://doi.org/10.5962/bhl.title.34228>
- Báguena, L.C. (1930) Las especies de “Aphodiini” (Col. Scarab.) de la provincia de Valencia. *Boletín de la Real Sociedad Española de Historia Natural*, 30, 313–322.
- Báguena, L.C. (1955) Scarabaeoidea nuevos o muy interesantes de la fauna ibero-balear y pirenaica *Eos*, 31, 275–295.
- Balthasar, V. (1931) Zwei neue *Aphodius*-Arten (9. Beitrag zur Kenntnis der Scarabaeidae des palaearkt. Faunen-Gebietes). *Coleopterologisches Centralblatt*, 5, 216–219.
- Balthasar, V. (1932a) Neue Scarabaeiden aus Szetschwan und Transbaikalien (16. Beitrag zur Kenntnis der Scarabaeidae des palaearktischen Faunengebietes). *Entomologische Nachrichtenblatt*, 6, 30–43.
- Balthasar, V. (1932b) Zehn neue Arten und Formen der Gattung *Aphodius* Illig. (18. Beitrag zur Kenntnis der Scarabaeidae des paläarktischen Faunen-Gebietes). *Wiener entomologische Zeitung*, 49, 109–125.
- Balthasar, V. (1933a) Neue Aphodiinae aus Ost-Afrika (2. Beitrag zur Kenntnis der Scarabaeiden des äthiopischen Faunengebietes). *Časopis Československé Společnosti Entomologické*, 30, 113–116.
- Balthasar, V. (1933b) Neue *Aphodius*-Arten aus dem paläarktischen Asien mit Uebersichten der Untergattungen *Volinus* und *Calomosternus* (24. Beitrag zur Kenntnis der Skarabäiden des paläarktischen Faunengebietes). *Koleopterologische Rundschau*, 19, 139–146.
- Balthasar, V. (1935a) Neue *Aphodius*-Arten aus dem tropischen Afrika (3. Beitrag zur Kenntnis der Scarabaeiden des äthiopischen Faunengebietes). *Časopis Československé Společnosti Entomologické*, 32, 67–74.
- Balthasar, V. (1935b) *Onthophagus*-Arten Chinas, Japans und der angrenzenden Ländern. (30. Beitrag zur Kenntnis der palaearktischen Scarabaeiden). *Folia Zoologica et Hydrobiologica*, 8, 303–353.
- Balthasar, V. (1936) Neue *Aphodius*-Arten aus China und Syrien. (29. Beitrag zur Kenntnis der Scarabaeidae des palaearktischen Faunengebietes). *Entomologische Nachrichtenblatt*, 10, 1–6.

- Balthasar, V. (1937) Neue coprophage Scarabaeiden von der Ukerewe-Insel in Ost-Afrika. (5. Beitrag zur Kenntnis der Scarabaeiden der aethiopischen Region). *Arbeiten über morphologische und taxonomische Entomologie aus Berlin-Dahlem*, 4, 192–203.
- Balthasar, V. (1938a) Neue *Aphodius*-Arten. Mit einer Übersicht der Untergattung *Aphodaulacus* Kosh. (34. Beitrag zur Kenntnis der Scarabaeiden der paläarktischen Region). *Koleopterologische Rundschau*, 24, 210–216.
- Balthasar, V. (1938b) Neue palaearktische *Aphodius*-Arten. (35. Beitrag zur Kenntnis der Scarabaeiden der palaearktischen Region). *Časopis Československé Společnosti Entomologické*, 35, 6–13.
- Balthasar, V. (1938c) Neue Gattungen und Arten der südamerikanischen Coprophagen. (4. Beitrag zur Kenntnis der Scarabaeiden der neotropischen Region). *Entomologische Blätter*, 34, 210–223.
- Balthasar, V. (1939a) *Megathoposoma* n. gen. und neue Arten der Gattung *Deltochilum* Eschz. 59. Beitrag zur Kenntnis der Scarabaeiden (Col.). *Časopis Československé Společnosti Entomologické*, 36, 5–19.
- Balthasar, V. (1939b) Neue Arten der coprophagen Scarabaeiden aus dem Museo Zoologico delle R. Università di Firenze. 60. Beitrag zur Kenntnis der Scarabaeiden (Coleoptera). *Redia*, 25, 1–36.
- Balthasar, V. (1941a) Gli Scarabeidi coprofagi e Trogini dell'Africa Orient. Ital. del Museo di Milano (LXIV contributo alla conoscenza degli Scarabeidi). *Atti della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale di Milano*, 80, 103–154.
- Balthasar, V. (1941b) Eine Reihe von neuen coprophagen Scarabaeiden. (67. Beitrag zur Kenntnis der Scarabaeidae, Col.). *Mitteilungen der Münchner entomologischen Gesellschaft*, 31, 164–184.
- Balthasar, V. (1941c) Neue Arten der coprophagen Scarabaeiden aus dem Hamburger Zoologischen Museum. 65. Beitrag zur Kenntnis der Scarabaeiden, Col. *Zoologischer Anzeiger*, 133, 161–171.
- Balthasar, V. (1941d) Neue coprophage Scarabaeiden des Deutschen Entomologischen Instituts (Coleoptera: Scarabaeidae). 71. Beitrag zur Kenntnis der Scarabaeiden. *Arbeiten über morphologische und taxonomische Entomologie aus Berlin-Dahlem*, 8, 181–184.
- Balthasar, V. (1942a) Neue Scarabaeiden aus Süd-Amerika. 72. Beitrag zur Kenntnis der Scarabaeiden (Col.). *Časopis Československé Společnosti Entomologické*, 39, 36–44.
- Balthasar, V. (1942b) Neue Arten und Gattungen der coprophagen Scarabaeiden. 75. Beitrag zur Kenntnis der Scarabaeiden. (Col.). *Sborník Entomologického Oddělení Národního Muzea v Praze*, 20, 188–206.
- Balthasar, V. (1945a) Quator generis *Aphodius* Illig. Subgenera nova. Contributio 82. ad cognitionem Scarabaeidarum (Col.). *Časopis Československé Společnosti Entomologické*, 42, 40–44.
- Balthasar, V. (1945b) De uno Genere et nonnullis Aphodiinarum speciebus novis. Contributio 80. ad cognitionem Scarabaeidarum (Col.). *Časopis Československé Společnosti Entomologické*, 42, 104–115.
- Balthasar, V. (1951) Les espèces du genre *Heptaulacus* Muls. avec la description d'un nouveau genre et d'une espèce nouvelle (86e contribution à la connaissance des Scarabaeidae-Col.). *Časopis Československé Společnosti Entomologické*, 48, 145–154.
- Balthasar, V. (1952) Wissenschaftliche Ergebnisse der zoologischen Expedition des National-Museums in Prag nach der Türkei 10, Coleoptera 2, Scarabaeidae (89. Beiträge zur Kenntnis der Scarabaeiden). *Sborník Entomologického Oddělení Národního Muzea v Praze*, 28, 19–26.
- Balthasar, V. (1955) Scarabaeidae der Afghanistan-Expedition (1952 u. 1953), J. Klapperichs. 91. Beitrag zur Kenntnis der Scarabaeiden. *Sborník Entomologického Oddělení Národního Muzea v Praze*, 30, 409–439.
- Balthasar, V. (1958a) Eine neue Gattung und Art der Subtribus Alloscelina (Coleoptera, Fam. Scarabaeidae). (93. Beitrag zur Kenntnis der Scarabaeiden). *Entomologische Arbeiten aus dem Museum G. Frey*, 9, 163–168.
- Balthasar, V. (1958b) Eine neue Untergattung und einige neue Arten der Gattung *Copris* Geoffr. 95. Beitrag zur Kenntnis der Scarabaeiden (Col.). *Acta Entomologica Musei Nationalis Pragae*, 32, 471–480.
- Balthasar, V. (1959) Beitrag zur Kenntnis der Gattung *Onthophagus* Latr. (98. Beitrag zur Kenntnis der Scarabaeidae, Col.). *Acta Entomologica Musei Nationalis Pragae*, 33, 461–471.
- Balthasar, V. (1961a) Eine neue Gattung und neue Arten der Unterfamilie Aphodiinae (104. Beitrag zur Kenntnis der Scarabaeidae, Coleoptera). *Deutsche entomologische Zeitschrift*, 8, 121–130.
<https://doi.org/10.1002/mmnd.4800080110>
- Balthasar, V. (1961b) Zwei neue Gattungen der Familie Scarabaeidae. (107. Beitrag zur Kenntnis der Scarabaeidae) (Col.). *Entomologische Arbeiten aus dem Museum G. Frey*, 12, 174–181.
- Balthasar, V. (1963a) Eine neue Gattung, Untergattung und neue Arten der Familie Aphodiidae. (109. Beitrag zur Kenntnis der Scarabaeoidea). *Reichenbachia*, 1, 277–290.
- Balthasar, V. (1963b) Monographie der Scarabaeidae und Aphodidae der palaearktischen und orientalischen Region. Scarabaeinae Coprinae (Pinotini, Coprini). *Verlag der Tschechoslowakischen Akademie der Wissenschaften*, 1, 1–391.
- Balthasar, V. (1963c) Monographie der Scarabaeidae und Aphodidae der palaearktischen und orientalischen Region. Coprinae (Onitini Oniticellini Onthophagini). *Verlag der Tschechoslowakischen Akademie der Wissenschaften*, 2, 1–627.
- Balthasar, V. (1963d) Eine neue Gattung und neue Arten der Fam. Scarabaeidae. (114. Beitrag zur Kenntnis der Scarabaeoidea, Col.). *Revue de Zoologie et de Botanique Africains*, 68, 86–98.
- Balthasar, V. (1964a) Monographie der Scarabaeidae und Aphodiidae der Palaearktischen und orientalischen Region, Coleoptera Lamellicornia, Aphodiidae. *Verlag der Tschechoslowakischen Akademie der Wissenschaften*, 3, 1–652.
- Balthasar, V. (1964b) *Caccobiomorphus*, eine neue Gattung der Pinotini. (118. Beitrag zur Kenntnis der Scarabaeoidea, Col.). *Entomologische Blätter*, 60, 31–33.
- Balthasar, V. (1965a) Eine neue Gattung und Untergattung und neue Arten der Scarabaeoidea. (117. Beitrag zur Kenntnis der Scarabaeoidea, Col.). *Deutsche entomologische Zeitschrift*, 12, 311–323.
<https://doi.org/10.1002/mmnd.19650120405>

- Balthasar, V. (1965b). Eine neue Undergattung und neue Arten der Familie Scarabaeidae (Col.). (121. Beitrag zur Kenntnis der Scarabaeoidea). *Acta Entomologica Bohemoslovaca*, 62, 14–23.
- Balthasar, V. (1966) Neue Gattungen und Arten der Scarabaeoidea der australischen und neotropischen Region. (130. Beitrag zur Kenntnis der Scarabaeoidea, Col.). *Entomologische Blätter*, 62, 177–185.
- Balthasar, V. (1967a) Neue Arten der Familie Aphodiidae (Coleoptera). (128. Beitrag zur Kenntnis der Scarabaeoidea). *Acta Entomologica Bohemoslovaca*, 64, 122–139.
- Balthasar, V. (1967b) The scientific results of the Hungarian Soil Zoological expedition to the Brazzaville-Congo. 22. Scarabaeinae und Coprinae. (131. Beitrag zur Kenntnis der Scarabaeoidea). *Opuscula Zoologica*, 7, 47–73.
- Balthasar, V. (1968) Neue Scarabaeiden-Arten. 129. Beitrag zur Kenntnis der Scarabaeoidea (Coleoptera). *Beiträge zur Entomologie*, 18, 953–958.
<https://doi.org/10.21248/contrib.entomol.18.7-8.953-958>
- Balthasar, V. (1969) *Paraphacosomoides* n. n. *Phacosomoides* Balth. (nec Martínez et Pereira, 1958). *Entomologische Blätter*, 64, 92.
- Balthasar, V. (1972) Coleoptera aus Nordostafrika. Scarabaeoidea: Scarabaeinae und Aphodiinae. 135. Beitrag zur Kenntnis der Scarabaeoidea. *Notulae Entomologicae*, 52, 18–32.
- Baraud, J. (1977) Coléoptères Scarabaeoidea Faune de l'Europe occidentale – Belgique, France, Grande-Bretagne, Italie, Péninsule Ibérique. *Nouvelle Revue d'Entomologie, Supplement*, 7, 1–352.
- Barbero, E., Palestini, C. & Roggero, A. (2009a) Systematics and phylogeny of *Eodrepanus*, a new drepanocerine genus, with comments on biogeographical data (Coleoptera: Scarabaeidae: Oniticellini). *Journal of Natural History*, 43, 1835–1878.
<https://doi.org/10.1080/00222930903016590>
- Barbero, E., Palestini, C. & Roggero, A. (2009b) Taxonomic study of *Drepanellus* gen. n. (Coleoptera, Scarabaeidae, Oniticellini), with the description of two new species. *Deutsche entomologische Zeitschrift*, 56, 251–265.
<https://doi.org/10.1002/mmnd.200900022>
- Barbero, E., Palestini, C. & Roggero, A. (2011) *Tibiodrepanus tagliaferrii* - a new Afrotropical Drepanocerina species (Coleoptera: Scarabaeidae: Oniticellini), with notes on phylogeny and distribution of the genus. *Zootaxa*, 2923, 27–47.
<https://doi.org/10.11646/zootaxa.2923.1.2>
- Barbero, E., Palestini, C. & Zunino, M. (1991) Filogenesi, biogeografia e sistematica generica dei Sisyphini (Coleoptera: Scarabaeidae). *Atti XVI Congresso Nazionale Italiano di Entomologia, Bari - Martina Franca (Ta) 23/2/ Settembre 1991*, pp. 837–844.
<https://doi.org/10.1093/labmed/23.12.837>
- Bates, H.W. (1868) Notes on genera and species of Copridae. *Coleopterologische Hefte*, 4, 87–91.
- Bates, H.W. (1870) On a new genus and some new species of Copridae (Coleoptera-Lamellicornia). *Transactions of the Entomological Society of London*, 1870, 173–180.
<https://doi.org/10.1111/j.1365-2311.1870.tb01872.x>
- Bates, H.W. (1887) *Biologia Centrali-Americana, Zoologia, Insecta, Coleoptera, Pectinicornia, Lamellicornia (1887-1889). Volume 2. Part 2*. Taylor and Francis, London, United Kingdom, pp. 25–160.
<https://doi.org/10.5962/bhl.title.730>
- Bedel, L. (1892) Revision des *Scarabaeus* paléarctiques. *L'Abeille*, 27, 281–288.
- Bedel, L. (1911a) *Faune des coléoptères du Bassin de la Seine. Tome IV. Premier fascicule. Scarabaeidae*. Société Entomologique de France, Paris, France, 164 pp.
- Bedel, L. (1911b) Synonymies de Scarabaeidae paléarctiques [Col.]. *Bulletin de la Société Entomologique de France*, 16, 377–381.
<https://doi.org/10.5962/bhl.part.2981>
- Bergroth, E.M. (1888) *Fahraea* nov. gen. *Hydrophilidarum*. *Deutsche entomologische Zeitschrift*, 32, 221.
- Bertoloni, J. (1849) *Illustratio rerum naturalium Mozambici. Dissertatio 1 de coleopteris. Novi Commentarii Academiae Scientiarum Institutii Bononiensis*, 10, 381–434.
- Bezděk, A. (2016) New nomenclatural and taxonomic acts, and comments. Scarabaeidae: Scarabaeinae: Oniticellini. In: Löbl, I. & Löbl, D. (eds) *Catalogue of Palaearctic Coleoptera. Volume 3. Scarabaeoidea – Scirtoidea – Dascilloidea – Buprestoidea – Byrrhoidea*. Revised and updated edition. Brill, Leiden, Netherlands, pp. 13–14.
- Blackburn, T. (1892) Further notes on Australian Coleoptera, with descriptions of new genera and species. XI. *Transactions of the Royal Society of South Australia*, 15, 20–73.
- Blackburn, T. (1904) Revision of the Australian aphodiids, and descriptions of three new species allied to them. *Proceedings of the Royal Society of Victoria*, 17, 145–181.
- Blackwelder, R. (1944) Checklist of the coleopterous insects of Mexico, Central America, the West Indies, and South America. Part 2. *Bulletin of the United States National Museum*, 185, 189–265.
<https://doi.org/10.5479/si.03629236.185.2>
- Blanchard, E. & Brullé, G.A. (1846) *Voyage dans L'Amérique Méridionale (le Brésil, la République orientale de l'Uruguay, la République Argentine, la Patagone, la République du Chili, la République de Bolivie, la République du Pérou), exécuté pendant les années 1826, 1827, 1828, 1829, 1830, 1831, 1832 et 1833, par Alcide d'Orbigny. Tome Sixième. 2.e partie: Insectes. [livraisons 79–80]*. P. Bertrand, Paris, and Ve. Lerrault, Strasbourg, France, pp. 153–184.
- Blut, H. (1939) Beitrag zur Verbreitung und Systematik der Gattung *Dendropaemon*. *Archiv für Naturgeschichte, N.F.*, 8, 263–300.
- Boheman, C.H. (1857) *Insecta Caffraria annis 1838-1845 a J.A. Wahlberg collecta amici auxilios sultus descripsit. Coleoptera. pars II. Coleoptera (Scarabaeides)*. Officina Norstedtiana. Holmiae [Stockholm], Sweden, 395 pp.
- Bordat, P. (1988) Aphodiinae d'Afrique du Sud nouveaux ou peu connus (Coleoptera, Scarabaeoidea) (1re note). *Nouvelle Revue d'Entomologie (N.S.)*, 5, 57–65.
- Bordat, P. (1990a) Aphodiinae nouveaux ou peu connus d'Afrique du Sud (Coleoptera, Scarabaeoidea) (3e note). *Nouvelle Revue d'Entomologie (N.S.)*, 7, 307–316.
- Bordat, P. (1990b) Coléoptères Aphodiidae Sous-famille Aphodiinae & Eupariinae. *Faune de Madagascar*, 74, 17–251.
- Bordat, P. (1993) Notes sur le genre *Drepanocanthus* (Coleoptera: Scarabaeoidea: Aphodiinae). *Annales de la Société Entomologique de France (N.S.)*, 29, 371–385.
<https://doi.org/10.1080/21686351.1993.12277699>

- Bordat, P. (1994) Un nouveau sous-genre d'*Aphodius* et cinq nouvelles espèces d'Aphodiinae de la région afrotropicale (Coleoptera, Scarabaeoidea, Aphodiidae). *Nouvelle Revue d'Entomologie (N.S.)*, 11, 19–30.
- Bordat, P. (1999) *Ammoecioides*, nouveau genre et ses espèces (Coleoptera, Scarabaeoidea, Aphodiidae). *Nouvelle Revue d'Entomologie (N.S.)*, 16, 161–182.
- Bordat, P. (2003) *Haroldaphodius* et *Euhemicyclium* nouveaux genres d'Aphodiinae et leurs espèces (Coleoptera, Scarabaeoidea). *Nouvelle Revue d'Entomologie (N.S.)*, 19, 235–248.
- Bordat, P. (2009) Nouveaux taxons afrotropicaux dans la famille Aphodiidae (Coleoptera, Scarabaeoidea). *Nouvelle Revue d'Entomologie (N.S.)*, 25, 123–144.
- Bordat, P. (2013) *Paratrachaphodius*, nouveau genre et ses espèces (Coleoptera, Scarabaeoidea, Aphodiidae). *Catharsius La Revue*, 7, 5–14.
- Bordat, P. (2016) Deux nouveaux genres et deux nouvelles espèces d'Ethiopie (Coleoptera, Scarabaeoidea, Aphodiidae). *Entomologia Africana*, 21, 28–36.
- Bordat, P. (2019) Un nouveau genre et quatre nouvelles espèces de la région afrotropicale (Coleoptera, Scarabaeoidea, Aphodiidae). *Catharsius La Revue*, 20, 22–48.
- Bordat, P. (2022) Description de quatre nouveaux genres d'Aphodiinae, nouvelles synonymies et désignation d'un néotype (Coleoptera, Scarabaeoidea, Aphodiidae). *Catharsius La Revue*, 24, 24–38.
- Bordat, P., Dellacasa, G. & Dellacasa, M. (2000) Revision du genre *Macroretus* et description d'une nouvelle espèce. *Macroretoides lumareti* n. g., n. sp. *Nouvelle Revue d'Entomologie (N.S.)*, 17, 107–122.
- Bordat, P., Dellacasa, M. & Dellacasa, G. (2016) À propos de quelques types d'*Aphodius* décrits par Balthasar (2e partie) (Coleoptera, Scarabaeoidea, Aphodiidae). *Catharsius La Revue*, 13, 29–39.
- Bordat, P. & Howden, H.F. (1995) Trois nouveaux genres, trois nouvelles espèces de Stereomerinae de Bornéo (Coleoptera, Aphodiidae). *Bulletin de la Société Entomologique de France*, 100, 11–20.
<https://doi.org/10.3406/bsef.1995.17116>
- Bordat, P., Mencl, L. & Rakovič, M. (2012) *Exoxyomus*, a new genus of the tribe Aphodiini (Coleoptera: Scarabaeoidea: Aphodiidae: Aphodiinae) from the Afrotropical region. *Folia Heyrovskyana, Series A*, 20, 117–122.
- Bouchard, P., Bousquet, Y., Davies, A.E., Alonso-Zarazaga, M.A., Lawrence, J.F., Lyal, C.H.C., Newton, A.F., Reid, C.A.M., Schmitt, M., Ślipiński, S.A. & Smith, A.B.T. (2011) Family-group names in Coleoptera (Insecta). *ZooKeys*, 88, 1–972.
- Bouchard, P., Bousquet, Y., Davies, A.E. & Cai, C. (2024) On the nomenclatural status of type genera in Coleoptera (Insecta). *ZooKeys*, 1194, 1–981.
<https://doi.org/10.3897/zookeys.1194.106440>
- Boucomont, A. (1912) Genre nouveau et espèces nouvelles de coprophages [Col.] du Yunnan. *Bulletin de la Société Entomologique de France*, 17, 275–278.
<https://doi.org/10.3406/bsef.1912.25140>
- Boucomont, A. (1914) Les coprophages de l'Archipel Malais. *Annales de la Société Entomologique de France*, 83, 238–350.
<https://doi.org/10.1080/21686351.1914.12279408>
- Boucomont, A. (1920) *Coprophaga africana*. Genre nouveau et espèces nouvelles. *Revue de Zoologie Africaine*, 8, 261–269.
<https://doi.org/10.5962/bhl.part.22399>
- Boucomont, A. (1921) Synopsis des “Oniticellini” d'Afrique. *Revue de Zoologie Africaine*, 9, 197–234.
- Boucomont, A. (1923) *Coprophaga africana*. 2^e Note. *Revue de Zoologie Africaine*, 11, 40–58.
- Boucomont, A. (1928) Wissenschaftliche Ergebnisse der schwedischen entomologischen Reise des Herrn Dr. A. Roman in Amazonas 1914–1915 (und 1923–1924), 12. Scarabaeidae. *Arkiv för Zoologi*, 19A(22), 1–8.
<https://doi.org/10.5962/bhl.part.1064>
- Boucomont, A. (1933) *Coprophaga africana*. 7^e note. Révision du genre *Anachalcos* Hope. *Revue de Zoologie et de Botanique Africains*, 24, 183–197.
- Bousquet, Y. & Bouchard, P. (2017) Status of the new genera in Gistel's “Die Insecten-Doubletten aus der Sammlung des Herrn Grafen Rudolph von Jenison Walworth” issued in 1834. *ZooKeys*, 698, 113–145.
<https://doi.org/10.3897/zookeys.698.14913>
- Branco, T. (1989) Étude de *Cambefortius* gen. n. et diagnose préliminaire de quatre nouveaux genres d'Onthophagini afrotropicaux (Coleoptera: Scarabaeidae). *Annales de la Société Entomologique de France (N.S.)*, 25, 249–263.
<https://doi.org/10.1080/21686351.1989.12277587>
- Branco, T. (1990) Essai de révision des genres du «groupe» *Stiptopodius*: le genre *Neosaproecius* nov. (Coleoptera, Scarabaeidae). *Annales de la Société Entomologique de France (N.S.)*, 26, 595–599.
<https://doi.org/10.1080/21686351.1990.12277618>
- Branco, T. (1992a) Essai de revision des genres du «groupe» *Stiptopodius* les genres: *Pinacotarsus* Harold, *Heteroclitopus* Péringuey, *Dorbignylus* Branco, *Eusaproecius* Branco, *Stiptocnemis* Branco, *Falcidius* nov. *Krikkenius* nov. et *Pinacopodius* nov. (Coleoptera, Scarabaeidae). *Memoirie della Società Entomologica Italiana*, 70, 103–162.
- Branco, T. (1992b) Note scientifique: *Sukelus*, un nouveau nom pour *Falcidius* Branco. *Nouvelle Revue d'Entomologie (N.S.)*, 9, 231.
- Branco, T. (2010) Revision of the genera *Tiniocellus* Péringuey, 1901 and *Nitiocellus* gen. n. (Coleoptera, Scarabaeidae, Oniticellini). *Boletín de la Sociedad Entomológica Aragonesa*, 47, 71–126.
- Branco, T. (2011) Scarabaeidae (Coleoptera) de l'Afrique de l'Ouest: les noms du niveau genre et leurs espèces types (Coleoptera). *Catharsius La Revue*, 4, 9–25.
- Branco, T. & Baraud, J. (1988) Un nouveau genre et deux nouvelles espèces paléarctiques d'Aphodiini (Coleoptera Aphodiidae). *Bollettino della Società Entomologica Italiana*, 120, 20–38.
- Branco, T. & Ziani, S. (2005) *Cheironitis* Lansberge, 1875 - its correct spelling and validity (Coleoptera, Scarabaeidae). *Boletín de la Sociedad Entomológica Aragonesa*, 37, 267–272.
- Brookes, A.E. (1944) Description of two new genera and species of New Zealand beetles and notes on other described species. *Transaction and Proceedings of the Royal Society of New Zealand*, 73, 263–265.
- Broun, T. (1886) *Manual of the New Zealand Coleoptera. Part 3 & 4*. G. Didsbury, Government Printer, Wellington, New

- Zealand, pp.745–974.
- Brown, W.J. (1927) Two new North American genera of the tribe Eupariini (Coleoptera). *Canadian Entomologist*, 59, 288–290.
<https://doi.org/10.4039/Ent59288-12>
- Brown, W.J. (1929a) Studies in the Scarabaeidae (III). *Canadian Entomologist*, 61, 204–214.
<https://doi.org/10.4039/Ent61204-9>
- Brown, W.J. (1929b) Revision of the species of *Aphodius* of the subgenus *Diapterna* (Coleoptera). *Canadian Entomologist*, 61, 224–231.
<https://doi.org/10.4039/Ent61224-10>
- Brown, W.J. (1931) Revision of the North American Aegialiinae (Coleoptera). *Canadian Entomologist*, 63, 9–19, 42–49.
<https://doi.org/10.4039/Ent6342-2>
- Burmeister, H.C.C. (1846) *Genera quaedam Insectorum iconibus illustravit et descripsit Hermannus Burmeister. (1838-1846). Volumen I.* Burmeister, Berolini [Berlin], Germany, unpaginated.
<https://doi.org/10.5962/bhl.title.8144>
- Burmeister, H.C.C. (1861) Die Ateuchiden ohne Fulskrallen, monographisch bearbeitet. *Berliner entomologische Zeitschrift*, 5, 55–67.
- Cambefort, Y. (1975) *Janssensellus*, un nouveau genre d'Onitini [Col. Scarabaeidae]. *Bulletin de la Société Entomologique de France*, 80, 201–205.
<https://doi.org/10.3406/bsef.1975.21471>
- Cambefort, Y. (1976) Quelques synonymies de coléoptères Scarabaeinae. *Nouvelle Revue d'Entomologie (N.S.)*, 6, 269–272.
- Cambefort, Y. (1977) Un nouveau genre de Dichotomiina du Zaïre. *Nouvelle Revue d'Entomologie (N.S.)*, 7, 153–155.
- Cambefort, Y. (1978) Canthonina nouveaux ou peu connus d'Afrique continentale (Coleoptera: Scarabaeidae). *Journal of the Entomological Society of Southern Africa*, 41, 199–213.
- Cambefort, Y. (1979) Données préliminaires sur la taxonomie des *Caccobius* Thomson s. lat. (Coleoptera, Scarabaeoidea Scarabaeinae). *Nouvelle Revue d'Entomologie (N.S.)*, 9, 119–128.
- Cambefort, Y. (1981) *Amietina*, un nouveau genre africain d'Onthophagini (Coleoptera, Scarabaeoidea, Scarabaeidae). *Nouvelle Revue d'Entomologie (N.S.)*, 11, 143–147.
- Cambefort, Y. (1984) Etude écologique des coléoptères Scarabaeidae de Côte-d'Ivoire. Annexe: Descriptions préliminaires d'un nouveau genre et de 36 nouvelles espèces, et nouvelle synonymie. *Travaux des Chercheurs de la Station de Lamto (Côte-d'Ivoire)*, 3, 1–12.
<https://hal.science/hal-01374057v1/file/Cambefort-TCL-1984-v3.pdf>
- Cambefort, Y. (1985) Révision du genre *Xinidium* Harold (Coleoptera, Scarabaeidae). *Annales de la Société Entomologique de France*, 21, 95–102.
<https://doi.org/10.1080/21686351.1985.12278400>
- Cambefort, Y. (1987) Insectes coléoptères Aulonocnemidae. *Faune de Madagascar*, 69, 1–87.
- Canhedo, V.L. (2006) Revisão taxonômica do gênero *Anomiopus* Westwood, 1842 (Coleoptera, Scarabaeidae, Scarabaeinae). *Arquivos de Zoologia*, 37, 349–502.
<https://doi.org/10.11606/issn.2176-7793.v37i4p349-502>
- Cartwright, O.L. (1952) *Aphotaenius*, a new genus of dung beetle (Coleoptera: Scarabaeidae). *Proceedings of the United States National Museum*, 102, 181–184.
<https://doi.org/10.5479/si.00963801.102-3295.181>
- Červenka, R. (1994) Contribution to the knowledge of Aphodiidae II. New subgenus and two new species of genus *Aphodius* Illiger (Coleoptera: Scarabaeoidea: Aphodiidae). *Folia Heyrovskyana*, 2, 111–115.
- Červenka, R. (1995) Contribution to the knowledge of *Aphodius*. New species of *Aphodius* from Palaearctic and Oriental region. *Folia Heyrovskyana*, 3, 88–95.
- Červenka, R. (2000) A contribution to knowledge of the Aphodiidae IV. Review of the *Aphodius* Illiger species of the subgenus *Carinaulus* Tesař with a description of 11 new species from the Palaearctic and Oriental regions. *Acta Musei Moraviae, Scientiae Biologicae*, 85, 29–51.
- Chalumeau, F. (1981) Nouveaux genre et sous-genres d'Eupariini (Aphodiinae) d'Amérique tropicale. *Nouvelle Revue d'Entomologie (N.S.)*, 11, 137–141.
- Chalumeau, F. (1982) Contribution à l'étude des Scarabaeoidea des Antilles (III). *Nouvelle Revue d'Entomologie (N.S.)*, 12, 321–345.
- Chalumeau, F. (1983) *Batesiana* et *Martinezia* (Coleoptera: Scarabaeidae: Aphodiinae) nouveaux genres d'Eupariini du nouveau monde. *Bulletin Mensuel de la Société Linnéenne de Lyon*, 52, 142–153.
<https://doi.org/10.3406/linly.1983.10586>
- Chalumeau, F. (1986) *Martinezziella* nomen novo pour *Martinezia* Chalumeau (Eupariini). *Nouvelle Revue d'Entomologie (N.S.)*, 3, 386.
- Chalumeau, F. (1992) Eupariini du nouveau monde: un mise au point (Coleoptera, Scarabaeidae) (1re partie). *Nouvelle Revue d'Entomologie (N.S.)*, 9, 189–206.
- Chalumeau, F. & Howden, H.F. (1984) Le genre *Euparia* (Coleoptera: Scarabaeoidea: Aphodiinae) Saint-Fargeau & Serville, 1828. *Mitteilungen der schweizerischen entomologischen Gesellschaft*, 57, 85–94.
<https://doi.org/10.5169/seals-402102>
- Chalumeau, F. & Özdikmen, H. (2006) *Martineziana* nom. nov., a replacement name for the preoccupied genus name *Martinezziella* Chalumeau, 1986 (Coleoptera: Scarabaeidae). *Munis Entomology & Zoology*, 1, 69–70.
- Chamorro, W., Marín-Armijos, D., Asenjo, A. & Vaz-de-Mello, F.Z. (2019) Scarabaeinae dung beetles from Ecuador: a catalog, nomenclatural acts, and distribution records. *ZooKeys*, 826, 1–343.
<https://doi.org/10.3897/zookeys.826.26488>
- Chapin, E.A. (1930) *Canthonella*, a new genus of Scarabaeidae (Coleoptera). *American Museum Novitates*, 409, 1–2.
- Chapin, E.A. (1934) A new genus and species of dung-inhabiting Scarabaeidae from Puerto Rico, with notes on the Coprinae of the Greater Antilles (Coleoptera). *Proceedings of the Biological Society of Washington*, 47, 99–102.
- Chapin, E.A. (1940) A revision of the West Indian beetles of the scarabaeid subfamily Aphodiinae. *Proceedings of the United States National Museum*, 89, 1–41.
<https://doi.org/10.5479/si.00963801.89-3092.1>
- Chapin, E.A. (1946) Necessary changes of names in the coleopterous family Scarabaeidae. *Proceedings of the Biological Society of Washington*, 59, 79–80.
- Chevrolat, L.A.A. (1843) *Choeridium*. In: d'Orbigny, C.V.D.

Dictionnaire universel d'histoire naturelle résumant et complétant tous les faits présentés par les encyclopédies les anciens dictionnaires scientifiques les oeuvres complètes de Buffon, et les traités spéciaux sur les diverses branches des sciences naturelles donnant la description des êtres et des divers phénomènes de la nature l'étymologie et la définition des noms scientifiques, les principales applications des corps organiques et inorganiques, à l'agriculture, à la médecine, aux arts industriels, etc. Tome troisième. [Livraison 34]. MM. Renard, Martinet et Cie., Paris, France, p. 613.

- Clément, P. (1958) Contribution à l'étude des *Colobopterus* africains. *Bulletin de l'Institut Fondamental d'Afrique Noire*, 20A, 1212–1221.
- Clément, P. (1962) Un *Anomius* nouveau du Maroc (Col. Scarab. Aphodiini). *Bulletin de la Société de Sciences naturelles et physiques du Maroc*, 42, 41–45.
- Clément, P. (1986) *Aphodius* (*Neoemadiellus*) *uxoris* nouveaux sous-genre et espèce de Madagascar [Col. Scarabaeidae Aphodiinae Aphodiini]. *Bulletin de la Société Entomologique de France*, 91, 177–180.
<https://doi.org/10.3406/bsef.1986.18210>
- Clouët des Pesruches, L. (1897) Sur divers coléoptères de la tribu des aphodiens. *Bulletin de la Société Entomologique de France*, 2, 14–15.
<https://doi.org/10.3406/bsef.1897.21972>
- Clouët des Pesruches, L. (1900a) Description d'un genre nouveau et de deux nouvelles espèces de la tribu des aphodiides. *Annales de la Société Entomologique de Belgique*, 44, 247–250.
- Clouët des Pesruches, L. (1900b) Descriptions d'un nouveaux genre et d'une espèce nouvelle d'Aphodiidae et note sur le genre *Epilissus* [Col.]. *Bulletin de la Société Entomologique de France*, 5, 122–123.
<https://doi.org/10.3406/bsef.1900.22565>
- Clouët des Pesruches, L. (1901) Essai monographique sur le genre *Rhyssemus* (Coléoptères lamellicornes - Tribu des Aphodiides). *Mémoires de la Société Entomologique de Belgique*, 8, 1–124.
- Costa, A. (1852) Coleotteri. In: Costa, O. *Fauna del regno di Napoli, ossia enumerazione di tutti gli animali che abitano le diverse regioni di questo Regno e le acque che le bagnano. 1849-1854. Volume I.* Dalla Stamperia di Gaetano Sautto, Napoli, Italy, pp. 1–140.
- Creutzer, C. (1799) Entomologisches Versuche (Kleine Beyträge zur nähren Berichtungen einiger Käferarten. Mit drey ausgemahlten Kupfertafeln von Herrn Sturm). Schaumbourg, Wien, Austria, 142 pp.
- Cupello, M. (2018) On the types [sic] species of the New World dung beetle genus *Canthidium* Erichson, 1847 (Coleoptera: Scarabaeidae: Scarabaeinae), with an annotated checklist of species. *Zootaxa*, 4388, 451–486.
<https://doi.org/10.11646/zootaxa.4388.4.1>
- Cupello, M., Bouchard, P., Hart, M. & Barclay, M.V.L. (2025) The nomenclature of the Australasian dung beetle genera *Mentophilus* Castelnau, 1840 and *Tesserodon* Hope, 1837 (Coleoptera: Scarabaeidae: Scarabaeinae). *Zootaxa*, 5659, 483–510.
<https://doi.org/10.11646/zootaxa.5659.4.2>
- Cupello, M. & Génier, F. (2017) *Dendropaemon* Perty, 1830 nomenclature revisited: on the unavailability of “*Onthoecus* Lacordaire, 1856” (Coleoptera: Scarabaeidae: Scarabaeinae: Phanaeini). *The Coleopterists Bulletin*, 71, 821–824.
<https://doi.org/10.1649/0010-065X-71.4.821>
- Curtis, J. (1829) *British entomology; being illustrations and descriptions of the genera of insects found in Great Britain and Ireland: containing coloured figures from nature of the most rare and beautiful species, and in many instances of the plants upon which they are found. Vol. VI.* London, United Kingdom, plate 258.
- Dalman, J.W. (1824) *Ephoemerides entomologicae*. P.A. Norstedt, Holmiae [Stockholm], Sweden, 36 pp.
- Davis, A.L.V., Frolov, A.V. & Scholtz, C.H. (2008) *The African dung beetle genera*. Protea Book House, Pretoria, South Africa, 272 pp.
- Davis, A.L.V., Scholtz, C.H. & Harrison, J.duG. (1999) New and threatened Afrotropical dung beetle taxa in the Gondwanaland tribe Canthonini (Coleoptera: Scarabaeidae: Scarabaeinae). *African Entomology*, 7, 77–84.
- Dejean, P.F.M.A. (1821) *Catalogue de la collection de coléoptères de M. le Baron Dejean*. Imprimerie Lanoë, Librairie Crevot, Paris, France, 136 pp.
<https://doi.org/10.5962/bhl.title.11259>
- Dejean, P.F.M.A. (1833) *Catalogue des coléoptères de la collection de M. le Comte Dejean*. Méquignon-Marvis, Paris, France, 176 pp.
<https://doi.org/10.5962/bhl.title.8771>
- Dejean, P.F.M.A. (1836) *Catalogue des coléoptères de la collection de M. le Comte Dejean. Edition 3.* Méquignon, Paris, France, 384 pp.
<https://doi.org/10.5962/t.173109>
- Delamare Deboutteville, C. & Paulian, R. (1952) Faune des nids et des terriers en basse Côte d'Ivoire. *Encyclopédie Biogéographique et Ecologique*, 8, 1–116.
- Dellacasa, G. (1983) Sistematica e nomenclatura degli Aphodiini italiani (Coleoptera: Scarabaeidae: Aphodiinae). *Monografie Museo Regionale di Scienze Naturali Torino*, 1, 1–463.
- Dellacasa, G. (1984) Etudes taxonomiques sur les Aphodiinae XVI Un nouveau sous-genre et deux nouvelles espèces d'*Aphodius* de Côte-d'Ivoire. *Revue Française d'Entomologie*, 6, 181–184.
- Dellacasa, G. (1986) A world-wide revision of *Aphodius* sharing a large scutellum. *Frustula Entomologica (N.S.)*, 7–8, 173–282.
- Dellacasa, G. (1992) On some little known species of *Aphodius* from Australia and South America with description of a new subgenus. *Frustula Entomologica (N.S.)*, 13, 145–158.
- Dellacasa, G. & Baraud, J. (1978) *Heptaulaculus* nov. gen. per gli *Heptaulacus* paleartici del gruppo del *testudinarius*. *Bollettino della Società Entomologica Italiana*, 110, 62–68.
- Dellacasa, G., Bordat, P. & Dellacasa, M. (2001) A revisional essay of world genus-group taxa of Aphodiinae. *Memorie della Società Entomologica Italiana*, 79, 1–482.
- Dellacasa, G. & Dellacasa, M. (1997) *Pseudoahermodontus benesi*: a new genus and new species of Aphodiini with large scutellum and systematic redefinition of the genus group *Ahermodontus* Baguena, 1930. (Coleoptera: Aphodiidae). *Bollettino del Museo Regionale di Scienze naturali Torino*, 15, 407–416.
- Dellacasa, G., Král, D., Dellacasa, M. & Bordat, P. (2014) New genus *Odontacrossus* for *Aphodius* (*Acrossus*) *obenbergeri*, *A. (A.) pseudoobenbergeri* and *A. (Paulianellus) trisuliensis* (Coleoptera: Scarabaeidae: Aphodiinae). *Acta Societatis*

Zoologicae Bohemicae, 78, 163–170.

- Dellacasa, M. (1988) Contribution to a worldwide catalogue of Aegialiidae, Aphodiidae, Aulonocnemidae, Termitotrogidae (Coleoptera: Scarabaeoidea). *Memorie della Societa Entomologica Italiana*, 66, 1–455.
- Dellacasa, M. & Dellacasa, G. (2000a) Systematic revision of the genera *Euheptaulacus* G. Dellacasa, 1983 and *Heptaulacus* Mulsant, 1842 with description of the new genus *Pseudoheptaulacus* (Coleoptera: Scarabaeoidea: Aphodiidae). *Elytron*, 14, 3–37.
- Dellacasa, M. & Dellacasa, G. (2000b) Systematic revision of the genus *Erytus*, and description of the new genus *Sahlbergianus* (Coleoptera: Aphodiidae). *Frustula Entomologica (N.S.)*, 23, 109–130.
- Dellacasa, M. & Dellacasa, G. (2002) revision of the sibling species of *Mendidaphodius linearis* group (Coleoptera, Scarabaeoidea: Aphodiidae). *Annali del Museo Civico di Storia Naturale “Giacomo Doria”*, 94, 265–294.
- Dellacasa, M. & Dellacasa, G. (2005) Comments on some systematic and nomenclatural questions in Aphodiinae with descriptions of new genera and on Italian taxa (Coleoptera Aphodiidae). *Memorie della Società Entomologica Italiana*, 84, 45–99.
<https://doi.org/10.4081/memorieSEI.2005.45>
- Dellacasa, M., Dellacasa, G. & Bordat, P. (2002) Systematic redefinition of taxa belonging to the genera *Ahermodontus* Báguena, 1930 and *Ammoecius* Mulsant, 1842, with description of the new genus *Vladimirellus* (Coleoptera: Aphodiidae). *Acta Zoologica Academiae Scientiarum Hungaricae*, 48, 269–316.
<https://doi.org/10.5281/zenodo.12587419>
- Dellacasa, M., Dellacasa, G. & Gordon, R.D. (2007) *Ferrerianus*, new genus for *Aphodius biimpressus* Schmidt, 1909 (Scarabaeoidea: Aphodiidae). *Insecta Mundi*, 11, 1–4.
<https://doi.org/10.5281/zenodo.4532599>
- Dellacasa, M., Dellacasa, G. & Gordon, R.D. (2008) *Agrilinellus*, new genus and four new species of Mexican Aphodiini (Scarabaeoidea: Scarabaeidae: Aphodiinae). *Insecta Mundi*, 53, 1–16.
<https://doi.org/10.5281/zenodo.5170003>
- Dellacasa, M., Dellacasa, G. & Gordon, R.D. (2012) Systematic revision of *Gonaphodiellus* taxa, with description of two new genera and fourteen new species (Coleoptera: Scarabaeidae: Aphodiinae). *Insecta Mundi*, 230, 1–42.
<https://doi.org/10.5281/zenodo.5174222>
- Dellacasa, M., Dellacasa, G. & Gordon, R.D. (2013) *Pseudocoelotrachelus* new genus of Neotropical Aphodiini with descriptions of two new species (Coleoptera: Scarabaeidae: Aphodiinae). *Insecta Mundi*, 287, 1–5.
<https://doi.org/10.5281/zenodo.5175786>
- Dellacasa, M., Dellacasa, G. & Gordon, R.D. (2015a) A new genus for *Drepanocanthoides larreae* (Horn, 1887) and description of a new congeneric Mexican species (Coleoptera: Scarabaeidae: Aphodiinae). *Insecta Mundi*, 407, 1–6.
<https://doi.org/10.5281/zenodo.5181505>
- Dellacasa, M., Dellacasa, G. & Gordon, R.D. (2015b) *Pseudotetraclipeoides tetraodon*, new genus and new species of Mexican Aphodiini (Coleoptera: Scarabaeidae: Aphodiinae). *Insecta Mundi*, 408, 1–3.
<https://doi.org/10.5281/zenodo.5181491>
- Dellacasa, M., Dellacasa, G. & Gordon, R.D. (2016a) *Euotophorus imeldae* new genus and new species of Mexican Aphodiini (Coleoptera: Scarabaeidae: Aphodiinae). *Insecta Mundi*, 507, 1–3.
<https://doi.org/10.5281/zenodo.5170847>
- Dellacasa, M., Dellacasa, G., & Gordon, R.D. (2016b) *Oxyomoides*, a new genus for three species of *Scabrostomus* Gordon and Skelley, 2007 in the southeastern United States (Coleoptera: Scarabaeidae: Aphodiinae). *Insecta Mundi*, 517, 1–6.
<https://doi.org/10.5281/zenodo.5170980>
- Dellacasa, M., Dellacasa, G., Gordon, R.D. & Stebnicka, Z.T. (2011) *Skelleyanus eremita* new genus and new species of Mexican Aphodiini (Coleoptera: Aphodiidae). *Acta Zoologica Cracoviensia*, 54B, 1–4.
https://doi.org/10.3409/azc.54b_1-2.01-04
- Dellacasa, M., Dellacasa, G., Král, D. & Bezděk, A. (2016c) New nomenclatural and taxonomic acts, and comments. Scarabaeidae: Aphodiinae: Aphodiini. In: Löbl, I. & Löbl, D. (eds) *Catalogue of Palaearctic Coleoptera. Volume 3. Scarabaeoidea – Scirtoidea – Dascilloidea – Buprestoidea – Byrrhoidea. Revised and updated edition*. Brill, Leiden, Netherlands, pp. 2–12.
- Dellacasa, M., Dellacasa, G. & Skelley, P.E. (2010) *Neotrichaphodioides*, new genus of Neotropical Aphodiini, with description of a new species from Peru (Scarabaeoidea: Scarabaeidae: Aphodiinae). *Insecta Mundi*, 133, 1–12.
<https://doi.org/10.5281/zenodo.5164776>
- Dellacasa, M., Gordon, R.D. & Dellacasa, G. (1998) The types of *Aphodius* species described by Harold from Mexico with description of a new genus (Coleoptera Scarabaeoidea: Aphodiidae). *Acta Zoológica Mexicana (N.S.)*, 74, 139–162.
<https://doi.org/10.21829/azm.1998.74741722>
- Dellacasa, M., Gordon, R.D. & Dellacasa, G. (2002) Aphodiinae described or recorded by Bates in Biología Centrali-Americana (Coleoptera, Scarabaeoidea, Aphodiidae). *Acta Zoológica Mexicana (N.S.)*, 86, 155–223.
<https://doi.org/10.21829/azm.2002.0862505>
- Dellacasa, M., Gordon, R.D. & Dellacasa, G. (2004a) *Jalisco plumipes*, new genus and new species of Mexican Aphodiini (Scarabaeoidea, Aphodiidae). *Insecta Mundi*, 17, 69–71.
- Dellacasa, M., Gordon, R.D. & Dellacasa, G. (2004b) *Neotrichonotulus*, a new genus for three Mexican Aphodiini (Scarabaeoidea, Aphodiidae). *Acta Zoológica Mexicana (N.S.)*, 20, 1–7.
<https://doi.org/10.21829/azm.2004.2022324>
- Dellacasa, M., Gordon, R.D. & Dellacasa, G. (2007) *Pseudogonaphodiellus zdzislawae*, new genus and new species of Mexican Aphodiini (Scarabaeoidea: Aphodiidae). *Acta Zoologica Cracoviensia*, 50B, 139–142.
<https://doi.org/10.3409/000000007783995129>
- Dellacasa, M. & Stebnicka, Z. (2001) A new genus for *Oxyomus morosus* Harold, 1869 (Eupariini) and redefinition of *Oxyomus setosopunctatus* A. Schmidt, 1911 (Aphodiini) (Coleoptera Scarabaeidae: Aphodiinae). *Acta Zoológica Mexicana (N.S.)*, 83, 29–34.
<https://doi.org/10.21829/azm.2001.83831853>
- Deschodt, C.M. & Davis, A.L.V. (2017) Transfer of three species of *Namakwanus* Scholtz & Howden to *Versicorpus* Deschodt, Davis & Scholtz or to *Namaphilus* gen. nov., with descriptions of two new species (Coleoptera: Scarabaeidae: Scarabaeinae).

Annals of the Ditsong National Museum of Natural History, 7, 109–114.

- Deschodt, C.M. & Davis, A.L.V. (2018) New deltochiline (Coleoptera: Scarabaeidae: Scarabaeinae) taxa associated with hyrax dung in arid south western Namibia. *Zootaxa*, 4450, 66–76.
<https://doi.org/10.11646/zootaxa.4450.1.4>
- Deschodt, C.M., Davis, A.L.V. & Scholtz, C.H. (2011) New dung beetle (Coleoptera: Scarabaeidae: Scarabaeinae) taxa from arid south-western Africa. *Insect Systematics & Evolution*, 42, 277–294.
<https://doi.org/10.1163/187631211X568173>
- Deschodt, C.M., Davis, A.L.V. & Scholtz, C.H. (2016) A new monotypic genus, a species synonymy and nomenclatural corrections in the arid-adapted Canthonini (Scarabaeidae, Scarabaeinae) from the Succulent Karoo Biome of south-western Africa. *Zootaxa*, 4147, 490–500.
<https://doi.org/10.11646/zootaxa.4147.4.9>
- Deschodt, C.M., Davis, A.L.V. & Sole, C.L. (2019) A beautiful new species of *Hyalonthophagus* Palestrini & Giacone, 1988 (Coleoptera: Scarabaeidae: Scarabaeinae), from the Northern Cape Province, South Africa. *Zootaxa*, 4648, 194–200.
<https://doi.org/10.11646/zootaxa.4648.1.12>
- Deschodt, C.M. & Scholtz, C.H. (2008) Systematics of South African forest-endemic dung beetles: new genera and species of small Canthonini (Scarabaeidae: Scarabaeinae). *African Entomology*, 16, 91–106.
<https://doi.org/10.4001/1021-3589-16.1.91>
- Deschodt, C.M. & Sole, C.L. (2023) A new genus and species in the diverse dung beetle tribe Onthophagini Streubel, 1846 (Scarabaeidae: Scarabaeinae) from South Africa. *Zootaxa*, 5375, 279–284.
<https://doi.org/10.11646/zootaxa.5375.2.9>
- Deschodt, C.M., Sole, C.L. & Scholtz, C.H. (2020) *Upsa centennial*, a new genus and species (Coleoptera: Scarabaeidae: Scarabaeinae: Endroedyolini) from the Southern Mistbelt forest in South Africa: celebrating 100 years of entomology at the University of Pretoria. *Zootaxa*, 4728, 357–362.
<https://doi.org/10.11646/zootaxa.4728.3.4>
- Dierkens, M. (2022) Révision des *Onthophagus* Latreille, 1802, africains du complexe *bellus* (Coleoptera, Scarabaeidae). *Catharsius La Revue*, 24, 1–23.
- Dierkens, M. (2023) Révision des *Onthophagus* Latreille, 1802, d'Afrique appartenant au groupe 16, section 51–59, de d'Orbigny (Coleoptera, Scarabaeidae). *Catharsius La Revue*, 25, 1–52.
- Dierkens, M., Moretto, P. & Génier, F. (2017) Révision des *Onthophagus* Latreille, 1802, d'Afrique appartenant au groupe 14 de d'Orbigny. Description du genre *Jossonthophagus* (Coleoptera, Scarabaeidae). *Catharsius La Revue*, 15, 1–64.
- D'Orbigny, H. (1896) Synopsis des aphodiens d'Europe et du Bassin de la Méditerranée. *L'Abeille*, 28, 197–271.
- D'Orbigny, H. (1898) Description d'espèces nouvelles d'Onthophagides de Mésopotamie et d'Arabie. *Bulletin de la Société Entomologique de France, Série 3*, 7, 160–163.
<https://doi.org/10.3406/bsef.1898.22185>
- D'Orbigny, H. (1902) Mémoire sur les onthophagides d'Afrique. Par II. *Annales de la Société Entomologique de France*, 71, 1–324.
- D'Orbigny, H. (1904) Onthophagides africains de la collection du Musée Civique de Gênes. *Annali del Museo Civico di Storia Naturale di Genova*, 41, 253–331.
- D'Orbigny, H. (1915) Synopsis d'un genre nouveau d'oniticecellides [Scarabaeidae Coprini] special à Madagascar. *Annales de la Société Entomologique de France*, 84, 402–434.
<https://doi.org/10.1080/21686351.1915.12279560>
- D'Orbigny, H. (1916) *Voyage de M. Guy Babault dans l'Afrique orientale anglaise 1912-1913. Résultats scientifiques. Insectes Coléoptères. Scarabaeidae. Onthophagini et Oniticecellini*. Paris, France, 33 pp.
- D'Orchymont, A. (1912) Notes synonymiques. Aphodiinae-Hydrophilidae. *Revue Zoologique Africaine*, 2, 44–46.
- Duponchel, P. (1842) *Canthon*. In: d'Orbigny, C.V.D. *Dictionnaire universel d'histoire naturelle résumant et complétant tous les faits présentés par les encyclopédies les anciens dictionnaires scientifiques les œuvres complètes de Buffon, et les traités spéciaux sur les diverses branches des sciences naturelles donnant la description des êtres et des divers phénomènes de la nature l'étymologie et la définition des noms scientifiques, les principales applications des corps organiques et inorganiques, à l'agriculture, à la médecine, aux arts industriels, etc. Tome troisième. [Livraison 27]*. MM. Renard, Martinet et Cie, Paris, France, p. 131.
- Duponchel, P. (1845). *Heliocoprins*. In: d'Orbigny, C.V.D. *Dictionnaire universel d'histoire naturelle résumant et complétant tous les faits présentés par les encyclopédies les anciens dictionnaires scientifiques les œuvres complètes de Buffon, et les traités spéciaux sur les diverses branches des sciences naturelles donnant la description des êtres et des divers phénomènes de la nature l'étymologie et la définition des noms scientifiques, les principales applications des corps organiques et inorganiques, à l'agriculture, à la médecine, aux arts industriels, etc. Tome sixième. [Livraisons 66-70]*. MM. Renard, Martinet et Cie, Paris, France, pp. 516–517.
- Ebert, K.M., Monteith, G.B., Menéndez, R. & Merritt, D.J. (2019) Bait preferences of Australian dung beetles (Coleoptera: Scarabaeidae) in tropical and subtropical Queensland forests. *Austral Entomology*, 58, 772–782.
<https://doi.org/10.1111/aen.12396>
- Edmonds, W.D. (1972) Comparative skeletal morphology, systematic and evolution of the phanaeine dung beetles (Coleoptera: Scarabaeidae). *University of Kansas Science Bulletin*, 49, 731–874.
- Edmonds, W.D. (1994) Revision of *Phanaeus* Macleay, a New World genus of scarabaeine dung beetles (Coleoptera: Scarabaeidae, Scarabaeinae). *Contributions in Science*, 443, 1–105.
<https://doi.org/10.5962/p.208079>
- Edmonds, W.D. (2000) Revision of the Neotropical dung beetle genus *Sulcophanaeus* (Coleoptera: Scarabaeidae: Scarabaeinae). *Folia Herovskiana Supplementum*, 6, 1–60.
- Edmonds, W.D. & Zidek, J. (2004) Revision of the Neotropical dung beetle genus *Oxysternon* (Scarabaeidae: Scarabaeinae: Phanaeini). *Folia Heyrovskyana Supplementum*, 11, 1–58.
- Endrödi, S. (1951) Neue Aphodiinen aus dem ungarischen naturwissenschaftlichen Museum. *Annales Historico-Naturales Musei Nationalis Hungarici*, 42, 157–164.
- Endrödi, S. (1956) Beiträge zur Kenntnis der afrikanischen Aphodiinae. *Revue de Zoologie Africaine*, 53, 70–80.
- Endrödi, S. (1960) Diagnosen von einigen neuen Aphodiinen aus dem Congo. *Revue de Zoologie Africaine*, 62, 347–354.

- Endrödi, S. (1961) Wissenschaftliche Ergebnisse der ersten ungarischen zoologischen Expedition in Ostafrika 3. Scarabaeidae (Coleoptera). *Annales Historico-Naturales Musei Nationalis Hungarici*, 53, 335–340.
- Endrödi, S. (1964a) Ergebnisse der zoologischen Forschungen von Dr. Z. Kaszab in der Mongolei. 7. Lamellicornia (Coleoptera). *Annales Historico-Naturales Musei Nationalis Hungarici*, 56, 421–430.
- Endrödi, S. (1964b) Die Aphodiinae des Congogebietes in Rahmen der Fauna von Zentral-Afrika (Coleoptera, Scarabaeidae). *Annales du Musée Royal de l'Afrique Centrale, series 8*, 123, 1–415.
- Endrödi, S. (1973) Entomological explorations in Ghana by Dr. S. Endrödy-Younga. 14, Lamellicornia I. *Annales Historico-Naturales Musei Nationalis Hungarici*, 65, 195–229.
- Endrödi, S. (1976) Neue Aphodiinae aus Süd- und Ostafrika (Coleoptera: Scarabaeidae). *Annals of the Transvaal Museum*, 30, 109–118.
- Endrödi, S. (1979) *Loeblietus sulcatus* gen. et sp. n. (Coleoptera, Scarabaeidae). *Revue Suisse de Zoologie*, 86, 957–959. <https://doi.org/10.5962/bhl.part.82353>
- Endrödi, S. (1980) Description of new Aphodiinae from South Africa. *Folia Entomologica Hungarica*, 41, 33–38.
- Endrödi, S. (1982) Three new Aphodiinae from Southern Africa (Coleoptera: Scarabaeidae). *The Coleopterists Bulletin*, 36, 314–317.
- Endrödi, S. (1983) Further new Aphodiinae from tropical and South Africa (Coleoptera: Scarabaeidae). *Folia Entomologica Hungarica*, 44, 35–40.
- Erichson, W.F. (1835) Neue südamerikanische Käfergattungen aus der Familie der Bläthhörner. *Archiv für Naturgeschichte*, 1, 256–270.
- Erichson, W.F. (1847a) Conspectus insectorum coleopterorum quae in Republica Peruana observata sunt. *Archiv für Naturgeschichte*, 13, 67–185.
- Erichson, W.F. (1847b) *Naturgeschichte des Insecten Deutschland. Erste Abtheilung. Coleoptera. Dritter Band. Scaphidilia, Scarabaeides*. Nicolaischen Buchhandlung, Berlin, Germany, pp. 481–800.
- Eschscholtz, J.F. (1822) Descriptions d'insectes nouveaux. *Entomographien*, 1, 1–128. <https://doi.org/10.5962/bhl.title.65315>
- Fabricius, J.C. (1798) *Supplementum Entomologiae Systematicae*. Proft and Storch, Hafniae [Stockholm], Sweden, 572 pp. <https://doi.org/10.5962/bhl.title.65803>
- Fairmaire, L. (1879) Descriptions de coléoptères nouveaux du nord de l'Afrique. 1^{re} partie. *Annales de la Société Entomologique de France, Série 5*, 9, 155–172.
- Fairmaire, L. (1894) Descriptions de coléoptères d'Algerie. *Annales de la Société Entomologique de Belgique*, 38, 310–313.
- Fairmaire, L. (1896) Note XII. Coléoptères de l'Inde boréale, Chine et Malaisie. *Notes from the Leyden Museum*, 18, 81–129.
- Fallén, C.F. (1807) *Observationes entomologicae, quas Consensu Ampliss. Fac. Philosoph. Lund. Publicae disquisitioni subijciunt praeses Carl Fredric Fallén, Phil.Mag. & Botanices Demonstrator Ord. Et respondens Petrus N. Block. Gothoburgensis. In Lyceo Carolino die XII. Volume 3. Berlingianis. Lundae [Lund], Sweden, pp. 20–42.*
- Felsche, C. (1904) Coprophages der Ausbeute des Herrn Prof. Dr. Yngue Sjöstedt. 1. Abteilung. *Arkiv för Zoologi*, 1, 399–405.
- Ferreira, M.C. (1953) Monografia dos escarabaeídeos da África do Sul. Tribo-Scarabaeini. I Parte Sub-tribo Pachysomides. *Boletim Sociedade de Estudos da Provincia de Moçambique*, 23(78), 1–80.
- Ferreira, M.C. (1954) Monografia dos escarabaeídeos da África do Sul. V Parte. Nº1 - Géneros *Coptorhina* Hope e *Pseudocoptorhina* nov. *Boletim da Sociedade de Estudos da Provincia de Moçambique*, 87, 1–15.
- Ferreira, M.C. (1960) Revisão das espécies africanas de *Catharsius* s. str. do «grupo adamastor» e descrição de espécies novas (Col. Lamellicornia). *Revista de Entomologia de Moçambique*, 3, 1–73.
- Ferreira, M.C. (1964) Contribuição para o estudo do género *Epirinus* Reiche. *Novos Taxa Entomológicos*, 37, 3–13.
- Ferreira, M.C. (1970) Contribuição para o estudo dos escarabaeídeos africanos. Mais um género novo da tribo Coprini. *Novos Taxa Entomológicos*, 76, 3–9.
- Ferreira, M.C. (1972) Os escarabaeídeos de África (sul do Sáara) I. *Revista de Entomologia de Moçambique*, 11, 5–1088.
- Ferreira, M.C. (1977) Contribution to the knowledge of the African Scarabaeidae. A new genus of Onitini and some new species of *Onitis* F. Navorsinge van die Nasionale Museum, 3, 181–198.
- Forgie, S.A., Philips, T.K. & Scholtz, C. H. (2005) Evolution of the Scarabaeini (Scarabaeidae: Scarabaeinae). *Systematic Entomology*, 30, 60–96. <https://doi.org/10.1111/j.1365-3113.2004.00273.x>
- Frey, G. (1971) Neue afrikanischen und asiatischen *Onthophagus*-Arten (Col., Scarab., Coprinae). *Entomologische Arbeiten aus dem Museum G. Frey*, 22, 93–98.
- Frolov, A.V., & Akhmetova, L.A. (2017) Description of the new subgenus *Metoporphodius* subgen.cn. of the genus *Aphodius* Helw. and of the larva of its type species *A. plustschewskii* D. Kosh [in Russian]. *Entomologicheskoe Obozrenie*, 96, 560–567. <https://doi.org/10.1134/S0013873817060100>
- Frolov, A.V. & Scholtz, C.H. (2003) A new genus and species of dung beetle from southern Namibia (Coleoptera: Scarabaeidae: Scarabaeinae). *African Entomology*, 11, 297–299.
- Fujioka, M. (2001) A list of Japanese Lamellicornia. *Kogane, Supplement*, 1, 1–293.
- Garreta, L. (1914) Sur les divisions du genre *Gymnopleurus* Illiger [Col. Scarabaeidae] et remarques sur quelques espèces, leur synonymie et leur répartition géographique. *Bulletin de la Société Entomologique de France*, 19, 51–55. <https://doi.org/10.3406/bsef.1914.25471>
- Génier, F. (1996) A revision of the Neotropical genus *Ontherus* Erichson (Coleoptera: Scarabaeidae, Scarabaeinae). *Memoirs of the Entomological Society of Canada*, 170, 1–169. <https://doi.org/10.4039/entm128170fv>
- Génier, F. (2009) Le genre *Eurysternus* Dalman, 1824 (Scarabaeidae: Scarabaeinae: Oniticellini), révision taxonomique et clés de détermination illustrées. *Pensoft Series Faunistica*, 85, 1–430.
- Génier, F. (2010) A review of the Neotropical dung beetle genera *Deltorhinum* Harold, 1869, and *Lobidion* gen. nov. (Coleoptera: Scarabaeidae: Scarabaeinae). *Zootaxa*, 2693, 35–48. <https://doi.org/10.11646/zootaxa.2693.1.3>
- Génier, F. (2011) *Copriodes* Gistel 1857, un nouveau synonyme

- de *Phalops* Erichson, 1847 (Coleoptera, Scarabaeidae, Scarabaeinae). *Catharsius La Revue*, 4, 1–2.
- Génier, F. (2012) A new species and notes on the subgenus *Deltochilum* (*Deltochilum*) Eschscholtz, 1822 (Coleoptera: Scarabaeidae: Scarabaeinae: Deltochilini). *Zootaxa*, 3357, 25–36.
<https://doi.org/10.11646/zootaxa.3357.1.2>
- Génier, F. & Arnaud, P. (2016) *Dendropaemon* Perty, 1830: taxonomy, systematics and phylogeny of the morphologically most derived phanaeine genus (Coleoptera: Scarabaeidae, Scarabaeinae, Phanaeini). *Zootaxa*, 4099, 1–125.
<https://doi.org/10.11646/zootaxa.4099.1.1>
- Génier, F. & Cupello, M. (2018) *Canthidium alvarezii* Martínez and Halffter, 1986: a remarkable *Ateuchus* Weber, 1801 (Coleoptera: Scarabaeidae: Scarabaeinae). *Insecta Mundi*, 646: 1–4.
- Génier, F. & Darling, J.D.G. (2024) Revision of the South American genera *Andinocopris* new genus and *Homocopris* Burmeister, 1846 (Coleoptera: Scarabaeidae: Scarabaeinae: Homocoprini new tribe). *European Journal of Taxonomy*, 25, 220–267.
<https://doi.org/10.5852/ejt.2024.925.2465>
- Génier, F., Gunter, N.L. & Saxton, N.A. (2025) *Rhytomus* Génier & Saxton: a new dung beetle genus from New Guinea with five new species and phylogenetic insights (Coleoptera: Scarabaeidae: Scarabaeinae). *Zootaxa*, 5575, 87–110.
<https://doi.org/10.11646/zootaxa.5575.1.3>
- Génier, F. & Kohlmann, B. (2003) Revision of the Neotropical dung beetle genera *Scatimus* and *Scatrichus* (Coleoptera: Scarabaeidae: Scarabaeinae). *Faberies*, 28, 57–111.
- Geoffroy, M.D. (1762) *Histoire abrégée des insectes qui se trouvent aux environs des Paris; dans laquelle ces animaux sont rangés suivant un ordre méthodique. Tome 1*. Durand, Paris, France, 523 pp.
<https://doi.org/10.5962/bhl.title.154842>
- Germar, E. (1823) *Coleopterorum species novae aut minus cognitae, descriptionibus Illustratae*. J.C. Hendelii et Fillii, Halae [Halle], Germany, 624 pp.
<https://doi.org/10.5962/bhl.title.130964>
- Gillet, J.J.E. (1907) Genre nouveau et espèces nouvelles du groupe des Pinotinae. *Annales de la Société Entomologique de Belgique*, 51, 282–284.
<https://doi.org/10.5962/bhl.part.1585>
- Gillet, J.J.E. (1909) Remarques synonymiques sur quelques espèces de Coprides (Col.). *Deutsche entomologische Zeitschrift*, 1909, 297–303.
<https://doi.org/10.1002/mmnd.48019090213>
- Gillet, J.J.E. (1911a) Scarabaeidae: Coprinae. I. *Coleopterorum Catalogus*, 38, 1–100.
- Gillet, J.J.E. (1911b) Coprophaga africana. Descriptions d'espèces nouvelles et remarques diverses. *Annales de la Société Entomologique de Belgique*, 55, 308–312.
- Gillet, J.J.E. (1927) Scarabaeidae: Coprinae II, Termitotroginae. *Coleopterorum Catalogus*, 90, 103–264.
- Gillet, J.J.E. (1932) Lamellicornes coprophages (Coléopt.). *Bulletin et Annales de la Société Entomologique de Belgique*, 72, 323–332.
- Gillet, J.J.E. & Boucomont, A. (1927) Scarabaeidae: Coprinae II, Termitotroginae. *Coleopterorum Catalogus*, 90, 103–264.
- Gistel, J. (1834) *Die Insecten-Doubletten aus der Sammlung des Herrn Grafen Rudolph von Jenison Walworth zu Regensburg*. George Jacquet, München, Germany, 35 pp.
- Gistel, J. (1848) *Naturgeschichte des Thierreichs, für höhere Schulen*. Hoffmann'sche Verlags-Buchhandlung, Stuttgart, Germany, 216 pp.
- Gistel, J. (1857) Achthundert und zwanzig neue oder unbeschriebene wirbellose Thiere. In: *Vacuna oder Geheimnisse aus der organischen und leblosen Welt. Unterdruckte Originalien-Sammlung von grösstenteils noch lebenden und verstorbenen Gelehrten aus dem Gebiete sämmllicher naturwissenschaften, der Medizin, Literaturgeschichte, des Forst- und Jagtwesen, der Oekonomie, Geschichte, Biographie, und der freien schönen Künste, herausgegeben von Professor Dr. Johannes Gistel. Zweiter Band*. Schorner'schen Buchhandlung, Straubing, Germany, pp. 513–606.
- González-Alvaredo, A., Molano-Rendón, F. & Vaz-de-Mello, F.Z. (2019) A new genus of dung beetles (Coleoptera: Scarabaeidae: Scarabaeinae) endemic to the Brazilian Atlantic Forest. *Journal of Natural History*, 53, 1751–1765.
<https://doi.org/10.1080/00222933.2019.1660429>
- Gordon, R.D. & Pittino, R. (1992) Current status of the American genera and species of Psammodiini (Coleoptera: Scarabaeidae: Aphodiinae). *The Coleopterists Bulletin*, 46, 260–273.
- Gordon, R.D. & Skelley, P.E. (2007) A monograph of the Aphodiini inhabiting the United States and Canada (Coleoptera: Scarabaeidae: Aphodiinae). *Memoirs of the American Entomological Institute*, 79, 1–580.
- Griffith, E. & Pidgeon, E. (1832) *The Class Insecta arranged by the Baron Cuvier, with supplementary additions to each order. Notices of new genera and species by G. Gray. Volume the first*. Whittaker, Treacher, & Co., London, United Kingdom, 570 pp.
- Guérin-Ménéville, F.É. (1838) Chapitre XIII. Insectes. In: Duperrey M.L.I. *Voyage autour du Monde exécuté par ordre du roi, sur la corvette de la Majesté, la Coquille, pendant les années 1822, 1823, 1824, et 1825, sous le ministère et conformément aux instructions de S. E. M. Le Marquis de Clermont-Tonnerre, ministre de la marine; et publié sous les auspices de son Excellence Mgr le Cte De Chabrol, Ministre de la Marine et des Colonies. Tome 2. Partie 2*. Arthus Bertrands, Paris, France, pp. 57–319.
- Gunter, N.L., Génier, F. & Weir, T.A. (2025) *Paraphacosomoides* Balthasar, 1968, a junior synonym of *Lepanus* Balthasar, 1966 (Coleoptera: Scarabaeidae: Scarabaeinae), with redescription of *Lepanus curvipes* (Balthasar, 1966). *Zootaxa*, 5627, 587–593.
<https://doi.org/10.11646/zootaxa.5627.3.12>
- Gunter, N.L., Lemann, C. & Weir, T.A. (2019) 30. Scarabaeidae: Scarabaeinae Latreille, 1802. In: Ślipiński, A. & Lawrence, J.F. (Eds), *Australian Beetles. Volume 2. Archostemata, Myxophaga, Adephaga, Polyphaga (Part)*. CSIRO Publishing, Clayton South, Australia, pp. 443–466.
- Gunter, N.L., Monteith, G.B., Cameron, S.L. & Weir, T.A. (2018) Evidence from Australian mesic zone dung beetles support Gondwanan vicariance and Mesozoic origin of the Scarabaeinae (Coleoptera: Scarabaeidae). *Invertebrate Systematics and Evolution*, 50, 162–188.
<https://doi.org/10.1163/1876312X-00002171>
- Gunter, N.L., Saxton, N.A. & Weir, T.A. (2022) *Officanthon* Paulian, 1985 (Coleoptera: Scarabaeidae: Scarabaeinae), a junior synonym of *Lepanus* Balthasar, 1966, with redescription of

- Lepanus mirabilis* (Paulian, 1985). *Zootaxa*, 5194, 575–584.
<https://doi.org/10.11646/zootaxa.5194.4.6>
- Gunter, N.L. & Weir, T.A. (2017) Two new genera of Australian dung beetles (Coleoptera: Scarabaeidae: Scarabaeinae) with the description of six new species and transfer of six described species. *Zootaxa*, 4290, 201–243.
<https://doi.org/10.11646/zootaxa.4290.2.1>
- Gunter, N.L. & Weir, T.A. (2019a) Revision of Australian species of the dung beetle genus *Lepanus* (Coleoptera: Scarabaeidae: Scarabaeinae): key to species groups and description of 14 new species from the *L. pygmaeus* species group. *Zootaxa*, 4564: 41–80.
<https://doi.org/10.11646/zootaxa.4564.1.2>
- Gunter, N.L. & Weir, T.A. (2019b) Revision of Australian species of the dung beetle genus *Lepanus* (Coleoptera: Scarabaeidae: Scarabaeinae): description of 10 new species from the *L. australis*, *L. monteithi*, and *L. villosus* species groups. *Zootaxa*, 4695: 201–252.
<https://doi.org/10.11646/zootaxa.4695.3.1>
- Gunter, N.L. & Weir, T.A. (2021) Revision of Australian species of the dung beetle genus *Lepanus* (Coleoptera: Scarabaeidae: Scarabaeinae): review of the *L. ustulatus*, *L. storeyi*, and *L. nitidus* species groups and description of eight new species. *Zootaxa*, 4923, 1–66.
<https://doi.org/10.11646/zootaxa.4923.1.1>
- Haldeman, S.S. (1848) On several new genera and species of insects. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 3, 124–128.
- Halffter, G. (1958) Dos nuevos géneros de Canthonini (Col. Scarabaeidae). *Ciencia (México)*, 17, 207–212.
- Halffter, G., Espinosa de los Monteros, A., Nolasco-Soto, J., Arriaga-Jiménez, A. & Rivera-Gasperín, S. (2022) *Bajacanthon*, a new subgenus for the Mexican Deltochilini (Coleoptera: Scarabaeidae: Scarabaeinae) fauna. *Diversity*, 14, 1–13.
<https://doi.org/10.3390/d14020109>
- Halffter, G. & Martínez, A. (1966) Revisión monográfica de los Canthonina americanos (Coleoptera, Scarabaeidae) (1a Parte). *Revista de la Sociedad Mexicana de Historia Natural*, 27, 89–177.
- Halffter, G. & Martínez, A. (1977) Revisión monográfica de los Canthonina americanos. IV parte. Clava para géneros y subgéneros. *Folia Entomológica Mexicana*, 38, 29–107.
- Halffter, G. & Matthews, E.G. (1966) The natural history of dung beetles of the subfamily Scarabaeinae (Coleoptera, Scarabaeidae). *Folia Entomológica Mexicana*, 12–14, 1–308.
- Harold, E. (1859) Beiträge zur Kenntnis einiger coprophagen Lamellicornien. (Erstes Stück). *Berliner entomologische Zeitschrift*, 3, 193–224.
<https://doi.org/10.1002/mmnd.18590030208>
- Harold, E. (1861) Beiträge zur Kenntniss einiger coprophagen Lamellicornien (Zweites Stück). *Berliner entomologische Zeitschrift*, 5, 92–115.
- Harold, E. (1862) Beiträge zur Kenntniss einiger coprophagen Lamellicornien (Viertes Stück). *Berliner entomologische Zeitschrift*, 6, 379–403.
<https://doi.org/10.1002/mmnd.47918620310>
- Harold, E. (1866) Beiträge zur Kenntniss einiger coprophagen Lamellicornien (Sechstes Stück). *Berliner entomologische Zeitschrift*, 10, 92–127.
<https://doi.org/10.1002/mmnd.18660100107>
- Harold E. (1867a) Die Arten der Gattung *Caccobius*. *Coleopterologische Hefte* 2, 1–16.
- Harold, E. (1867b) Diagnosen neuer Coprophagen. *Coleopterologische Hefte*, 2, 94–100.
- Harold, E. (1868a) Die Choerididen-Gattungen *Uroxys* und *Trichillum*. *Coleopterologische Hefte*, 3, 33–55.
- Harold, E. (1868b) Diagnosen neuer Coprophagen. *Coleopterologische Hefte*, 3, 80–86.
- Harold, E. (1868c) Monographie der Gattung *Canthon*. *Berliner entomologische Zeitschrift*, 12, 1–70.
<https://doi.org/10.1002/mmnd.18680120104>
- Harold, E. (1868d) Diagnosen neuer Coprophagen. *Coleopterologische Hefte*, 4, 79–86.
- Harold, E. (1869a) Diagnosen neuer Coprophagen. *Coleopterologische Hefte*, 5, 95–104.
- Harold, E. (1869b) Scarabaeidae. *Catalogus Coleopterorum*, 45, 976–1346.
- Harold, E. (1871) Verzeichniss der von Dr. Beccari in Bogos gesammelten coprophagen Lamellicornien. *Coleopterologische Hefte*, 8, 1–28.
<https://doi.org/10.1002/mmnd.47918710229>
- Harold, E. (1873) Diagnosen neuer coprophagen. *Coleopterologische Hefte*, 11, 102–105.
- Harold, E. (1875) Ueber einige Coprophagen aus Monrovia. *Stettiner entomologische Zeitung*, 36, 452–456.
- Harold, E. (1877) Enumération des Lamellicorn coprophages rapportés de l'Archipel Malais, de la Nouvelle Guinée et de l'Australie boréale par M. M.J. Doria, O. Beccari et L.M. D'Albertis. *Annali del Museo Civico di Storia Naturale di Genova*, 10, 38–110.
- Harold, E. (1878) Ueber Coleopteren aus dem tropischen Afrika. *Mittheilungen der münchener entomologischen Verein*, 2, 38–48.
- Harold, E. (1880) *Xynophron*, a new genus the Scatonomidae (coprophagous lamellicorn Coleoptera). *Notes from the Leyden Museum*, 2, 199–202.
- Heer, O. (1841) *Fauna coleopterorum Helvetica. Pars I. Fasciculus tertius et ultimus*. Orelli, Fuesslini et Socorum, Turici [Zürich], Switzerland, pp. 361–652.
- Heller, K.M. (1916) Die Käfer von Neu-Kaledonien und den benachbarten Inselgruppen. In: Sarasin F. & Roux J. *Nova Caledonia. A. Zoologia, Volume 2*. C.W. Kreidels Verlag, Wiesbaden, Germany, pp. 229–365.
- Hellwig, J.C.L. (1798) Ankündigungen neuer Bücher. *Intelligenzblatt der Allgemeine Literatur-Zeitung*, 13, 100–102.
- Hinton, H.E. (1934) *Xenoheptaulacus*, new genus of Aphodiinae from Panama (Scarabaeidae, Coleoptera). *Annals of the Entomological Society of America*, 27, 613–615.
<https://doi.org/10.1093/aesa/27.4.613>
- Hinton, H.E. (1936) Studies in the Mexican and Central American Eupariini (Coleoptera-. Scarabaeidae). *University of California Publications in Entomology*, 6, 273–276.
- Hinton, H.E. (1938) New species of Neotropical Aphodiinae (Col., Scarabaeidae). *Revista de Entomologia*, 8, 122–129.
- Hoffmannsegg, J.C. (1817) Entomologische Bemerkungen bei Gelegenheit Abhandlungen der amerikanischer Insekten. *Zoologisches Magazin Wiedemann*, 1, 8–56.
- Hollande, A. & Thérond, J. (1998) Aphodiidae du nord de l'Afrique. *Monografie Museo Regionale di Scienze Naturali Torino*, 21,

- Holm, E. & Scholtz, C.H. (1979) A revision of the genus *Pachysoma* M'Leay with an evaluation of the subtribe Pachysomina Ferreira and its genera. *Journal of the Entomological Society of Southern Africa*, 42, 225–244.
- Hope, F.W. (1833) On the characters of several new genera and species of coleopterous insects. *Proceedings of the Zoological Society of London, Communications*, 1, 61–64.
<https://doi.org/10.1111/j.1096-3642.1835.tb00607.x>
- Hope, F.W. (1837) *The Coleopterist's Manual, containing the lamellicorn insects of Linnaeus and Fabricius. Volume 1*. Bohn, London, United Kingdom, 121 pp.
- Hope, F.W. (1838) Observations on the lamellicorns of Olivier. *Entomological Magazine*, 5, 312–326.
- Horn, G.H. (1887) A monograph of the Aphodiini inhabiting the United States. *Transactions of the American Entomological Society*, 14, 1–110.
<https://doi.org/10.2307/25076485>
- Howden, H.F. (1971) Five unusual genera of new world Scarabaeidae (Coleoptera). *Canadian Entomologist*, 103, 1463–1471.
<https://doi.org/10.4039/Ent1031463-10>
- Howden, H.F. (1995) New Rhyparini from Fiji and the Philippines (Coleoptera: Scarabaeidae: Aphodiinae). *The Coleopterists Bulletin*, 49, 23–27.
- Howden, H.F. (2003) Two new genera of New World Rhyparini (Coleoptera: Scarabaeidae: Aphodiinae). *Sociobiology*, 42, 391–402.
- Howden, H.F. & Cook, J. (2002) *Paracryptocanthon*, a new canthonine genus from Brazil (Coleoptera: Scarabaeidae: Scarabaeinae). *The Coleopterists Bulletin*, 56, 585–588.
[https://doi.org/10.1649/0010-065X\(2002\)056\[0585:PANCGF\]2.0.CO;2](https://doi.org/10.1649/0010-065X(2002)056[0585:PANCGF]2.0.CO;2)
- Howden, H.F. & Storey, R.I. (1992) Phylogeny of the Rhyparini and the new tribe Stereomerini with descriptions of new genera and species. *Canadian Journal of Zoology*, 70, 1810–1823.
<https://doi.org/10.1139/z92-248>
- Howden, H.F. & Storey, R.I. (2000) New Stereomerini and Rhyparini from Australia, Borneo and Fiji (Coleoptera: Scarabaeidae: Aphodiinae). *Memoirs of the Queensland Museum*, 46, 175–182.
- Huchet, J.-B. (2000) Scission du genre *Chiron* et description de deux nouveaux genres de Chironidae (Coleoptera: Scarabaeoidea). *Annales de la Société Entomologique de France (N.S.)*, 36, 3–28.
- Illiger, K. (1803) Verzeichniss der in Portugal einheimischen Käfer. *Magazin für Insektenkunde*, 2, 186–247.
- Iablokov-Khnzorian, S. (1964) New *Aphodius* from Armenia SSR. *Doklady Akademii Nauk Armyanskoi SSR*, 39, 61–63.
- International Commission on Zoological Nomenclature (1993) Opinion 1703. *Proagoderus* Lansberge, 1883 (Insecta, Coleoptera): conserved. *Bulletin of Zoological Nomenclature*, 50, 75–76.
- International Commission on Zoological Nomenclature (1994) Opinion 1754. Histoire abrégée des insectes qui se trouvent aux environs de Paris (Geoffroy, 1762): some generic names conserved (Crustacea, Insecta). *Bulletin of Zoological Nomenclature*, 51, 58–70.
- International Commission on Zoological Nomenclature. (1999) *International Code of Zoological Nomenclature. Fourth Edition*. International Trust for Zoological Nomenclature, London, United Kingdom.
- International Commission on Zoological Nomenclature (2010) Opinion 2241 (Case 3377) *Ataenius* Harold, 1867 (Insecta, Coleoptera): precedence given over *Aphodinus* Motschulsky, 1862. *Bulletin of Zoological Nomenclature*, 67, 97–98.
<https://doi.org/10.21805/bzn.v67i1.a10>
- International Commission on Zoological Nomenclature (2014a) Opinion 2344 (Case 3590) *Scarabaeus* Linnaeus, 1758, *Dynastes* MacLeay, 1819, Scarabaeinae Latreille, 1802 and Dynastinae MacLeay, 1819 (Insecta, Coleoptera, Scarabaeoidea): usage conserved. *Bulletin of Zoological Nomenclature*, 71, 257–258.
<https://doi.org/10.21805/bzn.v71i4.a1>
- International Commission on Zoological Nomenclature (2014b) Opinion 2345 (Case 3579) *Scarabaeus fimetarius* Linnaeus, 1758 (currently *Aphodius fimetarius*; Insecta, Coleoptera, Scarabaeidae): neotype designated. *Bulletin of Zoological Nomenclature*, 71, 259–261.
<https://doi.org/10.21805/bzn.v71i4.a2>
- International Commission on Zoological Nomenclature (2023) Opinion 2498 (Case 3788) – *Streblopus* Lansberge, 1874 (Insecta, Coleoptera, Scarabaeidae): usage conserved by suppression of *Colonychus* Harold, 1868. *Bulletin of Zoological Nomenclature*, 80, 101–102.
<https://doi.org/10.21805/bzn.v80.a027>
- Islas, F. (1945) Un género y tres especies nuevos de Aphodiinos mexicanos (Col. Scarabaeidae). *Anales del Instituto de Biología de la Universidad Nacional de México*, 16, 451–457.
- Islas, F. (1958) Un género y especie nuevos de la subfamilia Aphodiinae en México. *Anales del Instituto de Biología de la Universidad Nacional de México*, 29, 343–348.
- Jacobson, F.V.S. (1906) In: Kolbe, H.J. Ueber die Lebensweise und die geographische Verbreitung der coprophagen Lamellicornien. [Zoologische Jahrbücher, 1905, Suppl. VIII, pp. 475–594, tab. 17–191 [in Russian]. *Russkoe Entomologicheskoe Obozrenie*, 6, 312–315.
- Jacquelin du Val, P.N.C. (1857) *Coleoptera. Sagra: Historie physique, politique et naturelle de l'île de Cuba. Segunda parte. Tomo VII. Animaux articules, insectes*. Bertrand, Paris, France, 136 pp.
- Janse, A. (1932) Description d'un phanaeide inédit (coléoptère Copridae). *Bulletin et Annales de la Société Entomologique de Belgique*, 72, 119–122.
- Janse, A. (1936) Un nouveau genre d'onitide africain. *Bulletin du Musée Royal d'Histoire Naturelle de Belgique*, 12(16), 1–3.
- Janse, A. (1937) Revision des onitides. *Mémoires du Musée Royal d'Histoire Naturelle de Belgique, Series 2*, 11, 1–200.
- Janse, A. (1938a) Notes sur les onitides africains (Coleoptera, Lamellicornia). Troisième note. *Bulletin du Musée Royal d'Histoire Naturelle de Belgique*, 14(22), 1–13.
- Janse, A. (1938b). Exploration du Parc National Albert. Scarabaeini. *Institut des Parcs Nationaux du Congo Belge Fascicule*, 21, 1–76.
- Janse, A. (1939) Exploration du Parc National Albert. Mission G.F. De Witte (1933–1935). Oniticellini. *Institut des Parcs Nationaux du Congo Belge Fascicule*, 25, 1–22.
- Janse, A. (1940a) Monographie des *Scarabaeus* et genres voisins. *Verhandelingen Koninklijk Natuurhistorisch*

- Janssens, A. (1940b) Monographie des gymnopleurides (Coleoptera Lamellicornia). *Mémoires du Musée Royal d'Histoire Naturelle de Belgique, Series 2*, 18, 1–74.
- Janssens, A. (1940c) Contribution à l'étude des coléoptères lamellicornes coprophages, II. – Remarques sur quelques phanaéides. *Bulletin du Musée Royal d'Histoire Naturelle de Belgique*, 16(34), 1–7.
- Janssens, A. (1942a) Contribution à l'étude des coléoptères lamellicornes coprophages. V. Quelques onitides nouveaux ou peu connus. *Bulletin du Musée Royal d'Histoire Naturelle de Belgique*, 18(2), 1–9.
- Janssens, A. (1942b) Exploration du Parc National Albert. Mission G.F. De Witte (1933–1935). *Institut Des Parcs Nationaux Du Congo Belge Fascicule*, 38, 1–49.
- Janssens, A. (1949) Un Scarabaeinae termitophile nouveau du Congo Belge. *Revue de Zoologie et de Botanique Africains*, 42, 183–184.
- Janssens, A. (1949) Contribution à l'étude des coléoptères lamellicornes XIII. - Table synoptique et essai de classification pratique des coléoptères Scarabaeidae. *Bulletin de l'Institut Royal des Sciences Naturelle de Belgique*, 25(15), 1–30.
- Janssens, A. (1950) Contribution à l'étude des coléoptères lamellicornes. XV. Un nouveaux et curieux genre d'Onitini. *Bulletin de l'Institut Royal des Sciences Naturelle de Belgique*, 26(32), 1–4.
- Janssens, A. (1953) Exploration du Parc National de l'Upemba. Mission G.F. De Witte (1946–1949). Oniticellini. *Institut des Parcs Nationaux du Congo Belge Fascicule*, 11, 1–118.
- Jekel, H. (1872) Notice sur la genre *Caccobius*, C.G. Thomson. *Revue et Magasin de Zoologie Pure et Appliquée, 2^e Série*, 23, 405–419.
- Jessop, L. (1985) An identification guide to eurysternine dung beetles (Coleoptera, Scarabaeidae). *Journal of Natural History*, 19, 1087–1111.
<https://doi.org/10.1080/00222938500770691>
- Josso, J.F. & Montreuil, O. (2017) Les *Onitis* Fabricius, 1798, du « groupe XII » de Janssens: description de deux nouvelles espèces. *Catharsius La Revue*, 16, 21–30.
- Josso, J.F. & Prévost, P. (2008) Nouveau genre et nouvelle espèce d'Onthophagini du Malawi (Coleoptera, Scarabaeidae). *Les Cahiers Magellanes Hors Série*, 24, 1–4.
- Kabakov, O.N. (1979) Review of Scarabaeidae of the subfamily Coprinae from Far East of the USSR and neighbouring territories. In: Krivolutsкая F.O. *Beetles of the Eastern Siberia* [in Russian]. Akademiya Nauk SSSR, Vladivostok, USSR, pp. 58–98.
- Kabakov, O.N. (1990) New subgenus and species of the genus *Onthophagus* from Middle and Central Asia [in Russian]. *Proceedings of the Zoological Institute, Academy of Sciences of the USSR*, 211, 28–39.
- Kabakov, O.N. (2006) *Beetles of the subfamily Scarabaeinae of the fauna of Russia and adjacent countries* [in Russian]. Scientific Publications KMK, Moscow, Russia, 374 pp.
- Kabakov, O.N. & Frolov, A. (1996) A review of the beetles of the genus *Aphodius* Ill. (Coleoptera, Scarabaeidae) considered to be close to the subgenus *Acrossus* of Russia and adjacent countries [in Russian]. *Russkoe Entomologicheskoe Obozrenie*, 74, 865–883.
- Kakizoe, S., Maruyama, M. & Masumoto, K. (2019) *Megasybacodes brevitaris*, a new genus and species of Rhyparini (Coleoptera: Scarabaeidae: Aphodiinae) from Borneo. *Zootaxa*, 4568, 139–148.
<https://doi.org/10.11646/zootaxa.4568.1.8>
- Kieseritzky, V. (1928) Zwei neue Arten der Gattung *Sugrames*. *Russkoe Entomologicheskoe Obozrenie*, 22, 113–115.
- Kim, J.I. (1996) A new genus and species, *Koreoxyomus koreanus*, from Korea and taxonomic discussion on the genus *Mozartius* of Japan (Coleoptera, Aphodiidae). *Korean Journal of Systematic Zoology*, 12, 101–105.
- Kirby, W. (1828) A description of some coleopterous insects in the collection of the Rev. F.W. Hope, F.L.S. *Zoological Journal*, 3, 520–525.
- Klages, E.A. (1906) *On the Scarabaeidae of southern Venezuela. A wonderful new form of the group Copris*. Privately published, Crafton, United States of America, 1 p.
- Klages, E.A. (1907) A wonderful new beetle of the group *Copris*. *Proceedings of the Entomological Society of Washington*, 8, 141–142.
<https://archive.org/download/biostor-68980/biostor-68980.pdf>
- Klug, J.C.F. (1838) Ueber zwei neue Käfergattungen aus Madagaskar. *Archiv für Naturgeschichte*, 4, 67–72.
<https://doi.org/10.5962/bhl.part.8788>
- Klug, J.C.F. (1845) *Symbolae physicae, seu icones et descriptiones insectorum, quae ex itinere per Africam borealem et Asiam occidentalem Friderici Guilelmi Hemprich et Christiani Godofredi Ehrenberg studio novae aut illustratae redierunt. Precensuit Dr. Fr. Klug regis iussu et impensis eddit Dr. C.G. Ehrenberg. Decas quinta*. Mittler, Berolini [= Berlin], Germany, 41 pp.
- Klug, J.C.F. (1855) Diagnosen der neuer Coleopteren aus Mossambique. *Bericht über die zur Bekanntmachung geeigneten Verhandlungen der königlich-preussischen Akademie der Wissenschaften*, 20, 643–660.
- Klug, J.C.F. & Erichson, W.F. (1842) *Doubletten-Verzeichniss von senegallensischen Insecten mit Diagnosen neuer Arten von Klug und Erichson*. Zoologischen Museums der königlichen Universität zu Berlin, Berlin, Germany, 15 pp.
- Koçak, A.O. & Kemal, M. (2008) Nomenclatural notes on the genus-group names in the order Coleoptera. *Centre for Entomological Studies Ankara, Miscellaneous Papers*, 144, 5.
- Koçak, A.O. & Kemal, M. (2008b) *Tropicalia* nom. nov., a replacement name for pre-occupied genus name from South America. *Centre for Entomological Studies Ankara, Miscellaneous Papers*, 145, 7–8.
- Kolbe, H.J. (1893) Beiträge zur Kenntniss der Mistkäfer, Lamellicornia Onthophila. *Stettiner entomologische Zeitung*, 54, 188–202.
- Kolbe, H.J. (1908) Dynastidae, Cetoniidae und Scarabaeidae. *Denkschrift medizinisch-naturwissenschaftlichen Gesellschaft zu Jena*, 13, 121–132.
- Koshantschikov, D. (1894) Verzeichniss der von Herrn D. Glasunow in Turkestan gesammelten coprophagen Lamellicornen. *Horae Societatis Entomologicae*, 28, 103–119.
- Koshantschikov, W. (1911) Dritter Beitrag zur Kenntniss der Aphodiini (Coleoptera, Lamellicornia). *Russkoe Entomologicheskoe Obozrenie*, 11, 205–212.
- Koshantschikov, W. (1912) Vierter Beitrag zur Kenntniss

- der Aphodiini (Coleoptera Scarabaeidae). *Russkoe Entomologicheskoe Obozrenie*, 12, 511–523.
- Koshantschikov, W. (1913) Sechster Beitrag zur Kenntniss der Aphodiini (Coleoptera, Lamellicornia). *Archiv für Naturgeschichte*, 79A, 186–203.
- Koshantschikov, W. (1916) Septieme contribution à l'étude des Aphodiini (Coleoptera, Scarabaeidae). *Russkoe Entomologicheskoe Obozrenie*, 16, 192–208.
- Kraatz, G. (1895) Zwei neue westafrikanische *Oniticellus*-Arten. *Deutsche entomologische Zeitschrift*, 34, 142–144.
<https://doi.org/10.1002/mmnd.48018950127>
- Král, D. (1997) A review of Chinese *Aphodius* species. Part 4: subgenera *Pseudacrossus* and *Qingaphodius* sbg. n. (Coleoptera: Scarabaeidae). *Acta Societatis Zoologicae Bohemicae*, 61, 129–149.
- Král, D. (2000) A review of Chinese *Aphodius* species (Coleoptera Scarabaeidae). Part 2: revision of the subgenus *Brachiaphodius*. *Acta Societatis Zoologicae Bohemicae*, 64, 65–92.
- Král, D. & Batelka, J. (2017) Order Coleoptera, superfamily Scarabaeoidea. *Arthropod Fauna of the UAE*, 6, 78–168.
- Král, D. & Mencl, L. (2024) *Gaindaphodius gainda*, a new genus and new species of Aphodiini from Nepal (Coleoptera: Scarabaeidae: Aphodiinae). *Studies and Reports. Taxonomic Series*, 20, 115–124.
- Král, D., Mencl, L. & Rakovič, M. (2021) *Ajmeraphodius clypeosetosus*, a new genus and new species of Aphodiini from India (Coleoptera: Scarabaeidae: Aphodiinae). *Folia Heyrovskyana, Series A*, 29, 46–55.
- Král, D., Rakovič, M. & Mencl, L. (2015) *Odontoxyomus denticlypeatus*, a new genus and new species of Aphodiini from Laos (Coleoptera: Scarabaeidae: Aphodiinae). *Studies and Reports. Taxonomic Series*, 11, 159–166.
- Král, D., Rakovič, M. & Mencl, L. (2016) *Orammoecius*, a new genus for four new Asian species of the tribe Aphodiini (Coleoptera: Scarabaeidae: Aphodiinae: Aphodiini). *Studies and Reports. Taxonomical Series*, 12, 117–137.
- Krikken, J. (1970) *Termitaxis holmgreni* gen. nov., sp. nov., a blind, flightless termitophilous scarab from Peru. *Proceedings Koninklijke Nederlandse Akademie van Wetenschappen, (C)*, 73, 469–476.
- Krikken, J. (1974) A new species of *Platyonitis* Janssens from Kenya, with notes on the genus (Coleoptera: Scarabaeidae). *Zoologische Mededelingen*, 48, 195–203.
- Krikken, J. (2009) Drepanocerine dung beetles: a group overview, with description of new taxa (Coleoptera: Scarabaeidae: Scarabaeinae). *Haroldius* 4, 3–30.
- Lacordaire, T. (1856) *Histoire naturelle des insectes. Genera des coléoptères ou exposé méthodique et critique de tous les genres proposés jusqu'ici dans cet ordre d'insectes. Tome troisième contenant les familles des pectinicornes et lamellicornes*. Roret, Paris, France, 594 pp.
- Landin, B.-O. (1950) Entomological results from the Swedish expedition 1934 to Burma and British India. Coleoptera: Lamellicornia. Fam. Scarabaeidae. Collected by René Malaise. *Arkiv för Zoologi, Series 2*, 1, 3–9.
- Landin, B.-O. (1959) The taxonomic position of *Aphodius circumdatus* Klug, with some notes on the synonymy of the species of subgenus *Adeloparius* Schmidt (Col. Lamellicornia). *Entomologisk Tidskrift*, 80, 1–13.
- Landin, B.-O. (1960) The lamellicorn beetles of the Azores (Coleoptera) with some reflexions on the classification of certain Aphodiini. *Boletim do Museu Municipal Funchal*, 32, 49–81.
- Landin, B.-O. (1974) Taxonomic studies on African Aphodiini II. The genus *Colobopter* with description of two new species. *Entomologia Scandinavica*, 5, 233–239.
<https://doi.org/10.1163/187631274X00263>
- Lane, F. (1946) Sobre os tipos e a sinonimia de alguns Canthonini (Col. Scarabaeidae). *Papéis Avulsos do Departamento de Zoologia, S. Paulo*, 7, 171–179.
<https://doi.org/10.11606/0031-1049.1946.7p171-179>
- Lansberge, J.W. van (1874a) Description de quelques lamellicornes coprophages. *Coleopterologische Hefte*, 12, 4–12.
- Lansberge, J.W. van (1874b) Observations sur la classification des lamellicornes coprophages. I. Ateuchides. *Annales de la Société Entomologique de Belgique*, 17, 177–193.
- Lansberge, J.W. van (1874c) Deux espèces remarquables de lamellicornes exotiques. *Annales de la Société Entomologique de Belgique, Compte Rendus*, 17, CXLIII–CXLIV.
<https://doi.org/10.5962/bhl.part.1237>
- Lansberge, J.W. van (1875) Monographie des onitides. *Annales de la Société Entomologique de Belgique*, 18, 1–148.
- Lansberge, J.W. van (1883) Description de trois espèces nouvelles d'*Onthophagus* appartenant au Musée de Leyde. *Notes from the Leyden Museum*, 5, 14–16.
- Lansberge, J.W. van (1885) Descriptions d'espèces nouvelles de coléoptères appartenant au musée civique de Gênes. *Annali del Museo Civico di Storia Naturale di Genova*, 2, 375–400.
- Lansberge, J.W. van (1886) Scarabaeides, Buprestides et Cerambycides de l'Afrique occidentale, envoyes au Musée de Leyde par MM. Veth et Van der Kellen. *Notes from the Leyden Museum*, 8, 69–120.
- Laporte, F.L., Comte de Castelnau (1831) *Enicotarsus* Laporte. *Magasin de Zoologie*, 1(2), Plate 35.
- Laporte, F.L., Comte de Castelnau (1833) Mémoire sur cinquante espèces nouvelles ou peu connues d'insectes. *Annales de la Société Entomologique de France*, 1, 386–415.
- Laporte, F.L., Comte de Castelnau. (1840) *Histoire naturelle des insectes coléoptères. Avec une introduction renfermant l'anatomie et la physiologie des animaux articulés, par M. Brullé. Tome 2. P. Duménil, Paris, France, 564 pp.*
- Latreille, P.A. (1802) *Histoire naturelle, générale et particulière des crustacés et des insectes. Tome 3. Paris, France, 467 pp.*
<https://doi.org/10.5962/bhl.title.15764>
- Latreille, P.A. (1807) *Genera crustaceorum et insectorum secundum ordinem naturalem in familias disposita, iconibus exemplisque plurimis explicata. Tomus secundus. Amand Koenig, Paris, France, 280 pp.*
<https://doi.org/10.5962/bhl.title.65741>
- Latreille, P.A. (1810) *Considérations générales sur l'ordre naturel des animaux composant les classes des crustacés, des arachnides, et des insectes; avec un tableau méthodique de leurs genres, disposés en familles. Tome 8. F. Schoell, Paris, France, 444 pp.*
<https://doi.org/10.5962/bhl.title.39620>
- Latreille, P.A. (1829) *Le règne animal distribué d'après son organisation pour servir de base à l'histoire naturelle des animaux et d'introduction à l'anatomie comparée. Avec figures dessinées d'après nature. Nouvelle édition, revue et augmentée. Déterville, Paris, France, 584 pp.*

- Lebis, E. (1953) Révision des Canthoninae de Madagascar (Col. Scarabaeidae). *Mémoires de l'Institut Scientifique de Madagascar, Série E*, 3, 107–252.
- Lebis, E. (1960) Insectes, Coléoptères Scarabaeidae, Helictopleurina. *Faune de Madagascar*, 11, 25–130.
- Le Peletier de Saint-Fargeau, A.L.M. & Audinet-Serville, J.G.A. (1828) *Encyclopédie méthodique ou par ordre des matières. Histoire naturelle. Entomologie, ou histoire naturelle des crustacés, des arachnides et des insectes. Tome dixième.* Veuve Agasse, Paris, France, 704 pp.
- Lesne, P. (1900) Coléoptères. In: Michel, C. *Vers Fachoda à la rencontre de la mission Marchand à travers l'Ethiopie.* Plon-Nourrit, Paris, France, pp. 498–501.
- Lewis, G. (1895) On the lamellicorn Coleoptera of Japan, and notice on others. *Annals and Magazine of Natural History, Series 6*, 16, 374–408.
<https://doi.org/10.1080/00222939508680291>
- Linnaeus, C. (1758) *Systema naturae per regna tria naturae, secundum classes, ordines, genera, species, cum characteribus, differentiis, synonymis, locis. Tomus I. Editio decima, reformata.* Laurentii Salvii, Holmiae [Stockholm], Sweden, iv + 823 + 1 pp.
<https://doi.org/10.5962/bhl.title.542>
- Löbl, I., Krell, F.-T., Ziani, S. & Král, D. (2006) Tribe Onthophagini Burmeister, 1846. In: Löbl, I. & Smetana, A. *Catalogue of Palaearctic Coleoptera. Volume 3. Scarabaeoidea – Scirtoidea – Dascilloidea – Buprestoidea – Byrrhoidea.* Apollo Books, Stenstrup, Denmark, pp. 159–176.
- Lopes, F., Gunter, N., Gillett, C.P.D.T., Montanaro G., Rossini, M., Losacco, F., Daniel, G.M., Straube, N. & Tarasov, S. (2024) From museum drawer to tree: Historical DNA phylogenomics clarifies the systematics of rare dung beetles (Coleoptera: Scarabaeinae) from museum collections. *PLoS ONE*, 19, e0309596.
<https://doi.org/10.1371/journal.pone.0309596>
- Lucas, R. (1920) Catalogus alphabeticus generum et subgenerum coleopterorum orbis terrarum totius (famil., trib., subtrib., sect. incl.). Pars I. *Archiv für Naturgeschichte*, 31, 1–696.
- Luederwaldt, H. (1929) As espécies brasileiras do género *Pinotus*. (Coleoptera – Lamellicornia – Coprini) com algumas consideractes também sobre outras espécies. *Revista do Museu Paulista*, 16, 603–778.
- Luederwaldt, H. (1931) O genero *Ontherus* (Coleop.) (Lamellic.-Copr.-Pinot.) com uma chave, para a determinação dos pinotides americanos. *Revista do Museu Paulista*, 17, 363–422.
- Machatschke, J.W. (1955) Ein Beitrag zur Kenntnis des Genus *Notocaulus*, nebst Beschreibung einer neuen Untergattung (Coleoptera, Scarabaeidae, Aphodiinae). *Beiträge zur Entomologie*, 5, 488–500.
<https://doi.org/10.21248/contrib.entomol.5.5-6.488-500>
- Macleay, W. (1871) Notes on a collection of insects from Gayndah. *Transactions of the Entomological Society of New South Wales, Series 2*, 2, 79–205.
- MacLeay, W.S. (1819) *Horæ entomologicae: or essays on the annulose animals. Volume 1. Part 1. Containing general observations on the geography, manners, and natural affinities of the insects which compose the genus Scarabaeus of Linnaeus; to which are added a few incidental remarks on the genera Lucanus and Hister of the same author. With an appendix and plates.* Bagster, London, United Kingdom, pp. 1–160.
<https://doi.org/10.5962/bhl.title.48636>
- MacLeay, W.S. (1821) *Horæ entomologicae: or essays on the annulose animals. Volume 1. Part 2. Containing an attempt to ascertain the rank and situation which the celebrated Egyptian insect, Scarabeus sacer, holds among organized beings.* Bagster, London, United Kingdom, pp. 161–524.
- Makhan, D. (2007) *Aschnarhyparus soesilae* gen. n. et sp. nov. from Suriname (Coleoptera: Scarabaeidae: Aphodiinae). *Calodema*, 8, 7–11.
- Marchisio, R. & Zunino, M. (2012) *Il genere Copris Müller. Tassonomia, filogenesi e note di zoogeografia. Memoirs on Biodiversity*, 2. World Biodiversity Association, Verona, Italy, 176 pp.
- Martín-Piera, F. (1986) The Palearctic species of the subgenus *Parentius* Zunino, 1979 (Coleoptera, Scarabaeoidea, Onthophagini). *Bollettino del Museo Regionale di Scienze Naturali, Torino*, 4, 77–122.
- Martín-Piera, F. & López-Colón J.I. (2000) Coleoptera, Scarabaeoidea. I. In Ramos M.A., et al. (Eds.), *Fauna Ibérica, volume 14.* Museo Nacional de Ciencias Naturales, Consejo Superior de Investigaciones Científicas, Madrid, Spain, 526 pp.
- Martín-Piera, F. & Zunino, M. (1983) *Amphionthophagus*, nuovo sottogenere di *Onthophagus* (Coleoptera, Scarabaeidae). *Bollettino del Museo Regionale di Scienze Naturali di Torino*, 1, 59–75.
- Martínez, A. (1948a) Insectos nuevos o poco conocidos VI. (Col. Scarabaeidae). *Revista de la Sociedad Entomologica Argentina*, 14, 3–11.
- Martínez, A. (1948b) Notas coleopterológicas I. Un género nuevo y dos especies nuevas de Canthonini (Col. Scarab.) de Venezuela. *Anales de la Sociedad Científica Argentina*, 146, 41–51.
- Martínez, A. (1950) Notas coleopterológicas IV. Nuevo subgenero y especies de *Glaphyrocathon* Martínez, 1948 (Col. Scarabaeinae). *Anales de la Sociedad Científica Argentina*, 150, 159–172.
- Martínez, A. (1951a) Scarabaeidae nuevos o poco conocidos II. *Misión de Estudios de Patología Regional Argentina*, 22, 23–36.
- Martínez, A. (1951b) Notas Coleopterológicas V. La invalidez del nombre generico *Pinotus* Erichson y dos nuevas sinonimias. *Anales de la Sociedad Científica Argentina*, 152, 138–142.
- Martínez, A. (1952) Scarabaeidae nuevos o poco conocidos III. *Misión de Estudios de Patología Regional Argentina*, 23, 53–118.
- Martínez, A. (1953a) Scarabaeidae nuevos o poco conocidos IV. *Misión de Estudios de Patología Regional Argentina*, 24, 69–85.
- Martínez, A. (1953b) Un nuevo género y especie de Canthonina. *Boletín de la Sociedad de Entomología de Argentina*, 2, 3.
- Martínez, A. (1954) Scarabaeoidea neotrópica I. *Neotropica*, 1, 27–28.
<https://doi.org/10.14409/natura.v1i19.3546>
- Martínez, A. (1961) Scarabaeoidea neotrópica VIII Notas sobre el complejo *Megathopa* Eschscholtz, 1822 (Col. Scarab. Scarabaeinae). *Neotropica*, 7, 81–86.
- Martínez, A. (1967) Notas para una monografía del género

- Trichillum* Harold, 1868 (Col. Scarab. Scarabaeinae-Coprini). *Revista de la Sociedad Mexicana de Historia Natural*, 28, 119–147.
- Martínez, A. (1988) Notas sobre *Eurysternus* Dalman (Coleoptera, Scarabaeidae). *Entomologica Basiliensia*, 12, 279–304.
- Martínez, A. & Halffter, G. (1986) Situación del género *Canthidium* (Coleoptera: Scarabaeidae: Scarabaeinae). *Acta Zoológica Mexicana (N.S.)*, 18, 19–40.
<https://doi.org/10.21829/azm.1986.13182047>
- Martínez, A., Halffter, G. & Pereira, F.S. (1964) Notes on the genus *Canthidium* Erichson and allied genera. Part I. (Col. Scarabaeidae). *Studia Entomologica*, 7, 161–178.
- Martínez, A. & Pereira, F.S. (1956) Dois gêneros novos de Canthonini americanos (Col. Scarabaeoidea, Scarabaeidae). *Papéis Avulsos do Departamento de Zoologia, Sao Paul*, 12, 363–388.
<https://doi.org/10.11606/0031-1049.1956.12p363-388>
- Martínez, A. & Pereira, F.S. (1959) Dos géneros de Canthonini etiopicos insulares (Col. Scarabaeidae). *Revista de la Sociedad Entomologica Argentina*, 21, 89–95.
- Martínez, A. & Pereira, F.S. (1967) Notas escarabeidológicas III. *Revista de la Sociedad Entomologica Argentina*, 29, 53–69.
- Martínez, I.M., Lumaret, J-P. & Dellacasa, M. (2022) El periodo preimaginal. In: Martínez I.M. & Lumaret, J-P. (Eds) *Escarabajos estercoleros. Biología reproductiva y su regulación*. Edita: Asociación Española de Entomología, Madrid, Spain, pp. 115–157 (p. 125).
- Maruyama, M. (2009) *Rhinocerotopsis nakasei* (Coleoptera, Scarabaeidae, Aphodiinae), a new genus and species of Stereomerini from Peninsular Malaysia. *Esakia*, 49, 103–106.
<https://doi.org/10.5109/16151>
- Maruyama, M. (2010) A new genus and species of myrmecophilous aphodiine beetle (Coleoptera, Scarabaeidae) inhabiting the myrmecophytic epiphyte *Platyserium* sp. (Polypodiaceae) in the Bornean rainforest canopy. *ZooKeys*, 34, 49–54.
<https://doi.org/10.3897/zookeys.34.281>
- Maruyama, M. (2012) A new genus and species of flightless, microphthalmic Corythoderini (Coleoptera: Scarabaeidae: Aphodiinae) from Cambodia, associated with *Macrotermes* termites. *Zootaxa*, 3555, 83–88.
<https://doi.org/10.11646/zootaxa.3555.1.4>
- Masumoto, K. (1991) Coprophagid-beetles from Northwest Thailand (VI). *Entomological Review of Japan*, 46, 27–37.
- Masumoto, K. & Kiuchi, M. (2001) A new apterous aphodiine (Coleoptera, Scarabaeidae) from southwest China, with proposal of a new subgenus. *Elytra*, 29, 119–123.
- Masumoto, K. & Utsunomiya, Y. (2003) Two new *Larhodium* (Coleoptera, Scarabaeidae, Dichotomini) from the Malay Peninsula. *Elytra*, 31, 379–383.
- Mateu, J. (1966) Un nouveau Corythorini termitophile récolté dans L'Ennedi. *Bulletin de l'Institut Fondamental d'Afrique Noire*, 28A, 717–721.
- Matsumura, S. (1938) Onthophagid-insects from Formosa. *Insecta Matsumurana*, 12, 53–63.
- Matthews, E.G. (1969) New data on Antillean Scarabaeinae beetles and two new species from Hispaniola. *Psyche*, 76, 114–125.
<https://doi.org/10.1155/1969/24060>
- Matthews, E.G. (1972) A revision of the Scarabaeine dung beetles of Australia. I. Tribe Onthophagini. *Australian Journal of Zoology, Supplementary Series*, 9, 1–330.
<https://doi.org/10.1071/AJZS009>
- Matthews, E.G. (1974) A revision of the Scarabaeine dung beetles of Australia. II. Tribe Scarabacini. *Australian Journal of Zoology, Supplementary Series*, 24, 1–211.
<https://doi.org/10.1071/AJZS024>
- Matthews, E.G. (1976) A revision of the Scarabaeine dung beetles of Australia. III. Tribe Coprini. *Australian Journal of Zoology, Supplementary Series*, 38, 1–52.
<https://doi.org/10.1071/AJZS038>
- Matthews, E.G. & Stebnicka, Z. (1986) A review of *Demarziella* Balthasar, with a transfer from Aphodiinae to Scarabaeinae (Coleoptera: Scarabaeidae). *Australian Journal of Zoology*, 34, 449–461.
<https://doi.org/10.1071/ZO9860449>
- Mencl, L. (2008) A new species and genus of the tribe Aphodiini (Coleoptera: Scarabaeoidea) from East Africa. *Klapalekiana*, 44(Supplement), 183–189.
- Mencl, L. (2011) A new genus and a new species of the subfamily Termitoderinae (Coleoptera: Aphodiidae). *Folia Heyrovskyana, Series A*, 19, 13–20.
- Mencl, L., Král, D. & Rakovič, M. (2019) *Indoblackburneus* gen. nov. and three new species of the genus from the Oriental Region and China (Coleoptera: Scarabaeidae: Aphodiinae: Aphodiini). *Studies and Reports. Taxonomical Series*, 15, 143–163.
- Meunier, M.F. (1898) Description de quelques coléoptères de l'Oligocène d'Armissan (Aude). *Annales de la Société Scientifique de Bruxelles (Troisième Section)*, 22, 113–115.
- Miller, S.E., Gordon, R.D., & Howden, H.F. (1981) Reevaluation of pleistocene scarab beetles from Rancho La Brea, California (Coleoptera: Scarabaeidae). *Proceedings of the Entomological Society of Washington*, 83, 625–630.
- Minkina, L. (2017) *Karolinella karolinaezuzannae*, a new genus and new species from China (Coleoptera: Scarabaeidae: Aphodiinae). *Studies and Reports. Taxonomical Series*, 13, 409–415.
- Minkina, L. (2018) *Trichioaparammoecius angusi*, a new genus and new species from China (Coleoptera: Scarabaeidae: Aphodiinae). *Studies and Reports. Taxonomical Series*, 14, 137–143.
- Minkina, L. (2020a) *Archeopsammoporus balticus* gen. nov., sp. nov. (Coleoptera: Scarabaeidae: Aegialiinae), a new extinct genus and species from Baltic amber. *Studies and Reports. Taxonomical Series*, 16, 451–460.
- Minkina, L. (2020b) Proposal of a new genus for *Rhyparus octovirgatus* Schmidt, 1916 from Fiji. *Folia Heyrovskyana Series A*, 28, 37–41.
- Minkina, L. (2024) Studies on tribe Psammodiini (Scarabaeidae: Aphodiinae) with description of two new genera and one new species. *Oriental Insects*, 58, 124–136.
<https://doi.org/10.1080/00305316.2023.2245482>
- Mlambo, S., Scholtz, C.H. & Deschodt, C.M. (2019) *Grebennikovius*, a new genus to accommodate *Epactoides basilewskyi* (Balthasar, 1960) (Coleoptera: Scarabaeidae: Deltochilini). *Zootaxa*, 4544, 113–118.
<https://doi.org/10.11646/zootaxa.4544.1.6>
- Moctezuma, V. (2025) Taxonomic and nomenclatural issues revisited in the New World Scarabaeinae dung beetles (Coleoptera: Scarabaeoidea: Scarabaeidae). *Journal of Insect*

- Montreuil, O. (1998) Analyse phylogénétique et paraphylie des Coprini et Dichotomiini (Coleoptera: Scarabaeidae). Scénario biogéographique. *Annales de la Société Entomologique de France (N.S.)*, 34, 135–148.
<https://doi.org/10.1080/21686351.1998.12277767>
- Montreuil, O. (2011) Monophylie du « groupe *Epilissus* » et refonte des genres *Epilissus* Reiche, 1841, *Arachnodes* Westwood, 1847 et *Apterepilissus* n. gen. de Madagascar (Insecta, Coleoptera, Scarabaeidae, Epilissini). *Zoosystema*, 33, 101–122.
<https://doi.org/10.5252/z2011n1a5>
- Montreuil, O., Génier, F. & Nel, A. (2010) *Lobateuchus*, un nouveau genre de «bousier» fossile du nord de la France (Coleoptera: Scarabaeidae, Scarabaeinae). *Annales de la Société Entomologique de France*, 46, 164–167.
<https://doi.org/10.1080/00379271.2010.10697652>
- Montreuil, O. & Théry, T. (2016) A revision of the genus *Paranthobium* from New Caledonia (Coleoptera: Scarabaeidae: Scarabaeinae: Epilissini). *Annales de la Société Entomologique de France (N.S.)*, 52, 1–25.
<https://doi.org/10.1080/00379271.2016.1187079>
- Montreuil, O. & Viljanen, H. (2007) Contribution à l'étude des Canthonini de Madagascar (7e note): mises au point taxonomiques et nomenclaturales dans le genre *Nanos* Westwood, 1847 [Coleoptera: Scarabaeidae]. *Revue Française d'Entomologie (N.S.)*, 29, 1–10.
- Montrouzier, X. (1860) Essai sur la faune entomologique de la Nouvelle Calédonie (Balade) et des îles des Pins, Art, Lifu, etc. *Annales de la Société Entomologique de France, Série 3*, 8, 229–308.
- Moretto, P. (2009) Essai de classification des *Onthophagus* Latreille, 1802 africains des 5^{ème} et 6^{ème} groupes de d'Orbigny (Coleoptera, Scarabaeidae). *Nouvelle Revue d'Entomologie (N.S.)*, 25, 145–178.
- Moretto, P. (2013) La validité du nom du niveau genre «*Proagoderus*». Descriptions de deux nouveaux *Proagoderus* Lansberge, 1883, d'Afrique tropicale, et de la femelle de *Proagoderus cerathoterium* Janssens, 1953 (Coleoptera, Scarabaeidae). (3e contribution à la révision des *Proagoderus*). *Catharsius. La Revue*, 8, 1–11.
- Moretto, P. (2016) Description d'une nouvelle espèce de *Scarabaeolus* Balthasar, 1965, d'Afrique de l'Ouest (Coleoptera, Scarabaeidae). *Catharsius. La Revue*, 13, 8–23.
- Moretto, P. (2023) Description d'un nouveau *Trichonthophagus* Zunino, 1979, d'Afrique de l'Ouest (Coleoptera, Scarabaeidae). *Entomologia Africana*, 28, 2–9.
- Mostert, L.E. & Scholtz, C.H. (1986) Systematics of the subtribe Scarabaeina. *Entomology Memoir, South Africa Department of Agriculture and Fisheries*, 65, 1–25.
- Motschulsky, V. (1845) Remarques sur la collection de coléoptères russes. 1^{er} Article. *Bulletin de la Société Impériale des Naturalistes de Moscou*, 18, 1–127.
- Motschulsky, V. (1859) Sur les collections coleopterologiques de Linné et de Fabricius (continuation) XXII. Lamellicornes. *Etudes Entomologiques*, 8, 147–168.
- Motschulsky, V. (1860) Errata. [“Sur les collections coleopterologiques de Linné et de Fabricius. *Etudes Entomologiques*, 8, 147–168”]. *Etudes Entomologiques*, 9, 42.
- Motschulsky, V. (1862) Synonymie. *Etudes Entomologiques*, 11, 55.
- Motschulsky, V. (1863) Essai d'un catalogue des insectes de l'île Ceylan. II. Suite. *Bulletin de la Société Impériale des Naturalistes de Moscou*, 36, 421–532.
- Motschulsky, V. (1868) Genres et espèces d'insectes, publiés dans différents ouvrages. *Horae Societatis Entomologicae Rossicae*, 6 Supplement, 1–118.
- Müller, G. (1941) Nuovi coleotteri dell'Africa orientale. *Atti del Museo Civico di Storia Naturale di Trieste*, 14, 319–352.
- Müller, G. (1942) Nuovi coleotteri dell'Africa orientale. Seconda serie. *Atti del Museo Civico di Storia Naturale di Trieste*, 15, 76–86.
- Mulsant, E. (1842) *Histoire naturelle des Coléoptères de France. Lamellicornes*. Libraire, Paris, France, 623 pp.
- Mulsant, E. (1851) Description de deux nouvelles espèces de coléoptères de la tribu des Lamellicornes don't l'une sert a former un nouveau genre dans la famille des trogiidiens. *Memoires de l'Academie des Sciences, Belles Lettres et Arts de Lyon, Classe de Sciences*, 1, 138–140
- Mulsant, E. & Rey, C. (1870a) Tribu des Lamellicornes. In: Mulsant E., Histoire Naturelle des Coléoptères de France. *Annales de la Société Agricole, Historie Naturelle et Arts Utiles de Lyon*, (4)2, 241–650.
- Mulsant, E. & Rey, C. (1870b) Description d'une espèce nouvelle constituant un genre nouveau dans la famille des aphodiens (tribu des coléoptères lamellicornes, branche des aphodiaires). *Opusculs Entomologiques*, 14, 200–202.
- Mulsant, E. & Rey, C. (1870c) Description de quelques nouvelle espèces d'Aphodiens (Coléoptères Lamellicornes). *Opusculs Entomologiques*, 14, 203–221.
- Nakane, T. (1959) On the Scarabaeidae of Japan (V) [in Japanese]. *Entomological Review of Japan*, 10, 30–33.
- Nakane, T. (1961) Notes on some Aphodiinae from Micronesia (Coleoptera: Scarabaeidae). *Scientific Reports of Kyoto Prefectural University (Natural Science & Living Science), Series A*, 3, 151–152.
- Nakane, T. (1967) Descriptions of few new forms of the genus *Aphodius* Illiger from Japan (Coleoptera: Scarabaeidae). *Entomological Review of Japan*, 19, 1–4.
- Nardi, G., Dellacasa, G. & Dellacasa, M. (2018) On the type species of *Geophilus* Gistel, 1834 (Coleoptera: Scarabaeidae: Aphodiinae). *Zootaxa*, 4461, 83–88.
<https://doi.org/10.11646/zootaxa.4461.1.6>
- Neave, S.A. (1939) *Nomenclator zoologicus, a list of the names of genera and subgenera in zoology from the tenth edition of Linnaeus, 1758, to the end of 1935. Vol. I, A–C*. The Zoological Society of London, London, United Kingdom, 957 pp.
- Nikolajev, G.V. (1974) Fauna, sistematika I biologiya nasekomyx kazakxstana. *Trudy Instituta Zoologii Akademia Nauk Kazakhskoi SSR*. 35, 79–90.
- Nikolajev, G.V. (1979) Novyi vid plastinchatousykh triby Aphodiini (Coleoptera, Scarabaeidae, Aphodiinae) iz srednej Azii i ego sistematicheskoe polozenie [in Russian]. *Trudy Zoologicheskogo Instituta, Akademii Nauk SSSR*, 88, 39–41.
- Nikolajev, G.V. (1994) The taxonomic placement in the subfamily Aphodiinae (Coleoptera, Scarabaeidae) of the new genus of lower cretaceous scarab beetles from Transbaykal. *Paleontological Journal*, 27, 1–8.

- Nikolajev, G.V. (2005) Novyy rod plastinchatousykh zhukov iz nizhiemelovogo mestonakhozhdeniya Baysa v Zabaykal'e [in Russian]. *Biologicheskie Nauki Kazakhstana*, 1, 117–120.
- Nikolajev, G.V. (2007a) *Mimaegialia*, a new genus of the superfamily Scarabaeoidea (Coleoptera) for the South American fauna [in Russian]. *Evrasiatskii Entomologicheskii Zhurnal*, 6, 265–266.
- Nikolajev, G.V. (2007b) *Mesozoic stage in the evolution of lamellicorns* (Insecta: Coleoptera: Scarabaeoidea) [in Russian]. Kazakh University, Almaty, Kazakhstan, 222 pp.
- Nikolajev, G.V. (2015) About raising of the status of the subfamily Eremazinae (Coleoptera: Scarabaeoidea: Scarabaeidae) with description of new taxa from the Mesozoic in China [in Russian]. *Caucasian Entomological Bulletin*, 11, 297–302. <https://doi.org/10.23885/1814-3326-2015-11-2-297-302>
- Nikolajev, G.V., Wang, B. & Zhang, H. (2014) On the systematic position of a new genus of beetles from the Mesozoic of China in the superfamily Scarabaeoidea (Coleoptera) [in Russian]. *Caucasian Entomological Bulletin*, 10, 219–222. <https://doi.org/10.23885/1814-3326-2014-10-2-219-222>
- Nikritin, L.M. (1977) Infraotryad Scarabaeiformia [in Russian]. *Trudy Paleontologicheskogo Instituta Akademii Nauk SSSR*, 161, 119–130.
- Nomura, S. (1973) Notes on the coprophagous Lamellicornia from Taiwan. *Entomological Review of Japan*, 25, 37–52.
- Nomura, S. & Nakane, T. (1951) On some new and remarkable species of Aphodiinae from Japan and Formosa. *Kontyû*, 19, 35–47.
- Normand, H. (1938) Contribution au catalogue des coléoptères de la Tunisie. Fascicule 13/14 Supplement 1/2. *Bulletin de la Société d'Histoire Naturelle de l'Afrique du Nord*, 29, 511–513.
- Nunes, R.V. & Vaz-de-Mello, F.Z. (2019) Taxonomic revision of *Dichotomius* (Cephagonus) Luederwaldt 1929 and the taxonomic status of remaining *Dichotomius* Hope 1838 subgenera (Coleoptera: Scarabaeidae: Scarabaeinae: Dichotomiini). *Journal of Natural History*, 53, 2231–2351. <https://doi.org/10.1080/00222933.2019.1692088>
- Ocampo, F.C. (2005) Revision of the southern South American endemic genus *Anomiopsoides* Blackwelder, 1944 (Coleoptera: Scarabaeidae: Scarabaeinae: Eucraniini) and description of its food relocation behavior. *Journal of Natural History*, 39, 2537–2557. <https://doi.org/10.1080/00222930500101928>
- Ochi, T. (2003) Studies on the coprophagous scarab beetles from East Asia. VII Descriptions of two new subgenera of the genus *Onthophagus* (Coleoptera, Scarabaeidae). *Giornale Italiano di Entomologia*, 10, 259–274.
- Ochi, T. (2007) Notes on the coprophagous scarab-beetles (Coleoptera: Scarabaeidae) from Southeast Asia (XIV). A new subgenus and four new species of *Onthophagus* from Borneo. *Entomological Review of Japan*, 62, 91–102.
- Ochi, T. & Kawahara, M. (2001) A new subgenus and species of the genus *Aphodius* Illiger from central Japan (Coleoptera, Aphodiidae). *Kogane*, 2, 59–63.
- Ochi, T. & Kon, M. (1996) Studies on the coprophagous scarab beetles from East Asia V. (Coleoptera, Scarabaeidae). *Giornale Italiano di Entomologia*, 8, 29–35.
- Ochi, T. & Kon, M. (2016) Notes on the coprophagous scarab-beetles (Coleoptera, Scarabaeidae) from Southeast Asia. XXVI. A new subgenus and a new species of the genus *Onthophagus*. *Giornale Italiano di Entomologia*, 14, 449–458.
- Ochi, T. & Kon, M. (2017) Notes on the coprophagous scarab-beetles (Coleoptera, Scarabaeidae) from Southeast Asia. XXVIII. A new genus and three new subgenera of the genus *Parascatonomus*. *Giornale Italiano di Entomologia*, 14, 775–792.
- Ochi, T. & Kon, M. (2023) A new subgenus of the genus *Parascatonomus* Paulian from Africa (Coleoptera, Scarabaeidae, Scarabaeinae). *Giornale Italiano di Entomologia*, 16, 577–584.
- Ochi, T. & Kon, M. (2024) Notes on the coprophagous scarab-beetles from Southeast Asia. XXXV. Revised definition of *Macronthophagus* as a full genus and description of the male of *Onthophagus curvicularinatus* Boucomont. *Giornale Italiano di Entomologia*, 17, 117–126.
- Ochi, T., Kon, M. & Araya, K. (1998) Notes on the coprophagous scarab-beetles (Coleoptera Scarabaeidae) from South-East Asia. (1). A new genus and species of the tribe Canthonini from Sumatra. *Entomological Review of Japan*, 52, 111–115.
- Ochi, T., Kon, M., Kusui, Y. & Pham, H.T. (2021) Redescription of *Onthophagus* (*Laonthophagus*) *ardoini* Frey, 1971 (Coleoptera, Scarabaeidae, Scarabaeinae), with a new record from Vietnam and reconsideration for its generic assignment. *Kogane*, 24, 53–56.
- Olsoufieff, G. (1924) Les Phanaeides, Famille Scarabaeidae Tr. Coprini. *Insecta, Revue Illustrée d'Entomologie*, 13, 4–172.
- Olsoufieff, G. (1935) Note critique sur l'essai d'une phylogénie des lamellicornes coprophages. *Entomologische Nachrichtenblatt*, 9, 32–35.
- Olsoufieff, G. (1947) Les épilissiens de Madagascar (Coleoptera, Scarabaeidae, Canthoniini). *Bulletin de l'Académie Malgache*, 26, 169–174.
- Özdikmen, H. (2009) Nomenclatural changes for five preoccupied scarab beetle genus group names (Coleoptera: Scarabaeidae). *Munis Entomology & Zoology*, 4, 139–147.
- Pacheco, T.L. & Vaz-de-Mello, F.Z. (2019) New dung beetle genus and species from a cave in the Espinhaço mountain range, Brazil (Coleoptera: Scarabaeidae: Scarabaeinae). *Journal of Natural History*, 53, 1247–1253. <https://doi.org/10.1080/00222933.2019.1640907>
- Palestrini, C. (1982) Il “sottogenere” *Pseudonthophagus* Balh. (Coleoptera: Scarabaeidae: Onthophagini). *Bolletino della Società Entomologica Italiana*, 114, 97–102.
- Palestrini, C. & Giaccone, P. (1988) Filogenesi e zoogeografia del sottogenere *Hyalonthophagus* nov. (Coleoptera, Scarabaeidae, gen. *Onthophagus*. *Atti XV Congresso Nazionale Italiano di Entomologia l'Aquila*, 319–327.
- Partington, C.F. (1836) *Gymnopleurus*. In: *The British cyclopaedia of natural history: combining a scientific classification of animals, plants, and minerals; with a popular view of their habits, economy, and structure. By authors eminent in their particular department. Complete in three volumes. Volume 2. [Part 24].* Orr & Smith, London, United Kingdom, pp. 693–694. <https://doi.org/10.5962/bhl.title.153641>
- Pascoe, E.P. (1866) Notices of new or little-known genera and species of Coleoptera. Part V. *Journal of Entomology, Descriptive and Geographical*, 14, 443–493.
- Paulian, R. (1932a) Description d'un nouveau genre et d'une

- nouvelle espèce de coprophage [Col.] du Tonkin. *Bulletin de la Société Entomologique de France*, 37, 205–206.
<https://doi.org/10.3406/bsef.1932.14453>
- Paulian, R. (1932b) Note rectificatif. *Bulletin de la Société Entomologique de France*, 37, 212.
- Paulian, R. (1933) Révision des Coptodactylini [Col. Lamellicornia]. *Bulletin de la Société Entomologique de France*, 38, 67–74.
<https://doi.org/10.3406/bsef.1933.14534>
- Paulian, R. (1934a) Les *Aphodius* de Hoa-Binh (Tonkin) [Col. Lamellicornia]. *Bulletin de la Société Entomologique de France*, 39, 110–112.
<https://doi.org/10.3406/bsef.1934.14710>
- Paulian, R. (1934b) Essai sur les canthonides de la région australienne [Col. Lamellicornia]. *Bulletin de la Société Entomologique de France*, 39, 275–288.
<https://doi.org/10.3406/bsef.1934.14799>
- Paulian, R. (1935) Essai sur les canthonides de la région australienne. II. Espèces de la sous-région australienne (suite) [Col. Lamellicornia]. *Bulletin de la Société Entomologique de France*, 40, 114–125.
<https://doi.org/10.3406/bsef.1935.14860>
- Paulian, R. (1937) Faune entomologique de Madagascar. Coleoptera Lamellicornia, Scarabaeidae Acanthocerini, Trogini, Aulonocnemis, Hybosorini, Orphnini et Ochodueini. *Bulletin de l'Académie Malgache (N.S.)*, 19, 129–143.
- Paulian, R. (1938) Contribution à l'étude des canthonides américains [Coleopt. Lamellic.]. *Annales de la Société Entomologique de France*, 107, 213–296.
- Paulian, R. (1939) Contribution à l'étude des canthonides américains [Coleopt. Lamellic.] (suite et fin). *Annales de la Société Entomologique de France*, 108, 1–40.
<https://doi.org/10.1080/21686351.1939.12278983>
- Paulian, R. (1942) Aphodiinae (Coleoptera Lamellicornia) Fam. Scarabaeidae. *Exploration du Parc National Albert, Mission G. F. de Witte (1933-1935)*, 35, 1–143.
- Paulian, R. (1945) Coléoptères scarabéides de l'Indochine. *Faune de l'Empire Français. Vol. III. Première partie*. Librairie Larose, Paris, France, 227 pp.
- Paulian, R. (1947) Coléoptères des Antilles. Scarabaeoidea. *Faune de l'Empire Français*, 7, 17–84.
- Paulian, R. (1953) Recherches sur les insectes d'importance biologique à Madagascar. XX. Les Scarabaeini de Madagascar (Coléoptères Scarabaeidae). *Mémoires de l'Institut Scientifique de Madagascar, Série E*, 3, 24–27.
- Paulian, R. (1954) Un scarabeide termitophile de Madagascar. *Revue Française d'Entomologie*, 21, 289–291.
- Paulian, R. (1974) Un nouveau genre d'Aulonocneminae malgache [Col. Scarabaeidae]. *Bulletin de la Société Entomologique de France*, 79, 28–31.
<https://doi.org/10.3406/bsef.1974.21364>
- Paulian, R. (1975) Sur quelques Canthonina [coléoptères scarabéides] montagnards de Madagascar. *Annales de la Société Entomologique de France (N.S.)*, 11, 221–252.
- Paulian, R. (1976a) Mission entomologique du Musée Royal de l'Afrique Centrale aux Monts Uluguru, Tanzanie (L. Berger, N. Leleup et J. Debecker, V-VIII.1971). 14. Un nouveau genre de Canthonina Afrique tropicale (Coleoptera Scarabaeidae). *Revue de Zoologie Africaine*, 90, 191–194.
- Paulian, R. (1976b) Révision des Canthonina longitarses [Col. Scarabaeidae] de Madagascar. *Annales de la Société Entomologique de France (N.S.)*, 12, 453–479.
<https://doi.org/10.1080/21686351.1976.12278580>
- Paulian, R. (1976c) Un remarquable nouveau genre de coléoptère scarabéide coprophage de Madagascar. *Bulletin de la Société Entomologique de France*, 81, 155–159.
<https://doi.org/10.3406/bsef.1976.21524>
- Paulian, R. (1979) Un nouvel Aphodiidae du Portugal [Col.]. *Bulletin de la Société Entomologique de France*, 84, 66–67.
<https://doi.org/10.3406/bsef.1979.21686>
- Paulian, R. (1985a) Notes sur les coléoptères Scarabaeidae du Muséum de Genève. II. *Revue Suisse de Zoologie*, 92, 189–203.
<https://doi.org/10.5962/bhl.part.81609>
- Paulian, R. (1985b) Les coléoptères Scarabaeidae canthonines de Nouvelle Guinée. *Annales de la Société Entomologique de France, (N.S.)*, 21, 219–238.
<https://doi.org/10.1080/21686351.1985.12278409>
- Paulian, R. (1985c) Les canthonines de Nouvelle-Calédonie. Etude systématique et biogéographique. 1. Systématique. *Bulletin du Muséum National d'Histoire Naturelle de Paris (4e série)*, 6, 1093–1124.
<https://doi.org/10.5962/p.285900>
- Paulian, R. (1986a) Un nouveau genre de Canthonine de Nouvelle-Calédonie [Coleoptera, Scarabaeidae]. *Revue Française d'Entomologie (N.S.)*, 8, 5–8.
- Paulian, R. (1986b) Un nouveau genre malgache de Canthonini (Coleoptera, Scarabaeidae). *Revue Française d'Entomologie (N.S.)*, 8, 113–115.
- Paulian, R. (1986c) Quelques modifications dans la nomenclature des coléoptères scarabéides. *Nouvelle Revue d'Entomologie (N.S.)*, 3, 214.
- Paulian, R. (1987) Canthonina néo-calédoniens nouveaux ou peu connus (Coleoptera, Scarabaeidae). *Nouvelle Revue d'Entomologie (N.S.)*, 4, 247–251.
- Paulian, R. & Cambefort, Y. (1991) Remarques sur le genre *Helictopleurus* et description des trois nouvelles espèces. *Revue Française d'Entomologie (N.S.)*, 13, 113–118.
- Paulian, R. & Villiers, A. (1941) Récoltes de R. Paulian et A. Villiers dans le Haut Atlas Marocain 1938 (Huitième note). *Bulletin de la Société de Sciences Naturelles et Physiques du Maroc*, 19, 180–185.
- Pereira, F.S. (1946) Escarabeidos americanos. *Livro de Homenagem a R. F. d'Almeida*, 34, 289–294.
- Pereira, F.S. (1949) Escarabeideos americanos (Coleopt.-Scarabaeidae). *Arquivos do Museu Paranaense*, 7, 231–246.
- Pereira F.S. (1953) Notas sinonímicas (Col. Scarabaeidae). *Dusenía*, 4, 387–402.
- Pereira, F.S. & Martinez, A. (1956) Os gêneros de Canthonini americanos. *Revista Brasileira de Entomologia*, 6, 91–192.
- Pereira, F.S. & Martinez, A. (1959) Tres nuevos gêneros de “Canthonini” americanos Coleoptera, Scarabaeidae). *Acta Zoológica Lilloana*, 17, 165–184.
- Pereira, F.S. & Martínez, A. (1960) Notas escarabeidológicas II. *Revista Brasileira de Entomologia*, 9, 37–55.
- Pereira, F.S., Vulcano, M.A. & Martínez, A. (1960) O gênero *Bdelyrus* Harold, 1869. *Actas y Trabajos del Primer Congreso Sudamericano de Zoología*, 3, 155–164.
- Péringuey, L. (1901) Descriptive catalogue of the Coleoptera of South Africa (Lucanidae and Scarabaeidae). *Transactions of the South African Philosophical Society*, 12, 1–563.

<https://doi.org/10.1080/21560382.1901.9525977>

- Péringuey, L. (1908) Descriptive catalogue of the Coleoptera of South Africa. Additions and corrections. *Transactions of the South African Philosophical Society*, 13, 547–752.
<https://doi.org/10.1080/21560382.1904.9526004>
- Perty, J.A.M. (1830) De Insectorum in America Meridionali habitantium vitae genere, moribus ac distributione geographica, observationes nonnullae. In: Spix, J. & Martius, C. (Eds.), *Delectus animalium articulorum, quae in itinere per Brasiliam annis MDCCCXVII–MDCCCXX jussu et auspiciis Maximiliani Josephi I. Bavariae regis augustissimi peracto collegerunt Dr. J.B. de Spix, et Dr. C.F.Ph. de Martius. Digessit, descripsit, pingenda curavit Dr. Maximilianus Perty, praefatus est edidit Carol. Frederic. Philip. de Martius, accedit dissertatio de insectorum in America Meridionali habitantium vitae genere, moribus et distributione geographica*. Impensis Editoris, Monachii [München], Germany, plates 1–40.
<https://doi.org/10.5962/bhl.title.158694>
- Petrovitz, R. (1958a) Neue asiatische Aphodiusarten (Col. Scarab.). *Entomologische Arbeiten aus dem Museum G. Frey*, 9, 131–139.
- Petrovitz, R. (1958b) Vier neue Aphodiinaearten aus Afrika und Australien (Col. Scarab.). *Entomologische Arbeiten aus dem Museum G. Frey*, 9, 799–803.
- Petrovitz, R. (1961) Scarabaeidae II (Contribution à l'étude de la faune d'Afghanistan 59). Kungliga Fysiografiska Sällskapets I: Lund Förhandlingar 31(5):31–45.
- Petrovitz, R. (1962) Neue und verkannte Aphodiinae aus allen Erdteilen (Col. Scarab.) III. Teil. *Entomologische Arbeiten aus dem Museum G. Frey*, 13, 101–131.
- Petrovitz, R. (1963) Neue und verkannte Aphodiinae aus allen Erdteilen (Col. Scarab.). *Entomologische Arbeiten aus dem Museum G. Frey*, 14, 630–647.
- Petrovitz, R. (1967) Neue und verkannte Aphodiinae aus allen Erdteilen (Col., Scarab.). V. Teil. *Entomologische Arbeiten aus dem Museum G. Frey*, 18, 388–403.
- Petrovitz, R. (1969) Neue Aphodiinae aus dem äthiopischen Faunengebiet. *Koleopterologische Rundschau*, 46–47, 55–80.
- Petrovitz, R. (1971) Neue Aphodiidae der äthiopischen und australischen region (Col.). *Entomologische Arbeiten aus dem Museum G. Frey*, 22, 99–104.
- Petrovitz, R. (1973) Neue Aphodiinae, Hybosorinae und Acanthocerinae der neotropischen Region. *Studia Entomologica Rio de Janeiro*, 16, 141–202.
- Petrovitz, R. (1980) Österreichische Entomologische Expeditionen nach Persien und Afghanistan. Beiträge zur Coleopterenfauna. Teil XII, Weiteres über Lamellicornia aus Iran. *Annalen des Naturhistorischen Museums in Wien*, 83, 597–638.
- Philips, T.K. (2016) Phylogeny of the Oniticeellini and Onthophagini dung beetles (Scarabaeidae, Scarabaeinae) from morphological evidence. *ZooKeys*, 579, 9–57.
<https://doi.org/10.3897/zookeys.579.6183>
- Philips, T.K. & Bell, K. (2008) *Attavicinus*, a new generic name for the myrmecophilous dung beetle *Liatongus monstrosus* (Scarabaeidae: Scarabaeinae). *The Coleopterists Bulletin*, 62, 67–81.
<https://doi.org/10.1649/984.1>
- Philips, T.K. & Scholtz, C.H. (2000) A new genus and species of trichome-bearing dung beetle (Coleoptera: Scarabaeidae: Scarabaeinae) from South Africa. *African Entomology*, 8, 227–231.
- Pierce, W.D. (1946) Fossil arthropods of California: 11. Descriptions of the dung beetles (Scarabaeidae) of the tar pits. *Bulletin of the Southern California Academy of Sciences*, 45, 119–131.
- Pittino, R. (1984) Insects of Saudi Arabia Coleoptera Scarabaeoidea: A revision of the family Aphodiidae. *Fauna of Saudi Arabia*, 6, 267–359.
- Pittino, R. (2006a) Two new genera and species of Asian Rhyparinae (Coleoptera, Aphodiidae). *Fragmenta Entomologica*, 38, 83–107.
- Pittino, R. (2006b) Redescription of the genus *Petrovitzius* Rakovič, 1979, and descriptions of *Rakovicius* gen. nov. from East Asia and *Rakovicius kawaii* sp. nov. from Taiwan (Coleoptera, Aphodiidae, Psammodiinae). *Kogane*, 7, 11–21.
- Pittino, R. & Mariani, G. (1986) A revision of the Old World species of the genus *Diastictus* Muls. and its allies. *Giornale Italiano di Entomologia*, 3(12), 1–165.
- Ponomarenko, A.G. (1977) Family Hydrophilidae Leach, 1815, in Mesozoic beetles. *Proceedings of the Paleontological Institute of the USSR Academy of Sciences*, 161, 108–117.
- Quedenfeldt, G. (1884) Verzeichniss der von Herrn Major a. D. von Mechow in Angola und am Quango-Strom 1878–1881 gesammelten Pectinicornen und Lamellicornen. *Berliner entomologische Zeitschrift*, 28, 265–340.
<https://doi.org/10.1002/mmnd.18840280207>
- Rakovič, M. (1979) A new genus and new species of the tribe Psammodiini (Coleoptera, Aphodiidae). *Revue Suisse de Zoologie*, 86, 251–254.
<https://doi.org/10.5962/bhl.part.82289>
- Rakovič, M. (1981a) A revision of the *Psammodius* Fallén species from Europe, Asia and Africa. *Rozprawy Ceske Akademie Ved a Umeni*, 91, 1–82.
- Rakovič, M. (1981b) Revision of species of the tribe Psammodiini from the Australian region (Coleoptera, Scarabaeidae, Aphodiinae) I. Key to the genera and revision of the genera *Aphodopsammobius* Endrödi, *Psammodius* Fallén, *Diastictus* Mulsant, *Phycochus* Broun and *Tesarius* g. n. *Annotationes Zoologicae et Botanicae*, 139, 1–37.
- Rakovič, M. (1984) Two interesting species of the genus *Aphodius* Illiger from Afghanistan Coleoptera, Scarabaeidae. *Acta Faunistica Entomologica Musei Nationalis Prague*, 17, 213–218.
- Rakovič, M. (1986) A review of the genus *Neopsammodius* gen. n. (Coleoptera, Scarabaeidae, Aphodiinae). *Acta Entomologica Bohemoslovaca*, 83, 197–201.
- Rakovič, M. (1997) A review of the genus *Odochilus* (Coleoptera: Aphodiidae: Odochilinae). *Acta Societatis Zoologicae Bohemicae*, 61, 157–167.
- Rakovič, M. & Král, D. (1997) New taxa, new combinations and current taxonomic status of tribes and genera of Psammodiinae (Coleoptera: Scarabaeoidea: Aphodiidae). *Acta Societatis Zoologicae Bohemicae*, 61, 233–247.
- Rakovič, M. & Mencl, L. (2011) *Sariangus sariangi*, a new genus and species of the family Aphodiidae (Coleoptera: Scarabaeoidea). *Studies and Reports. Taxonomical Series*, 7, 385–391.
- Rakovič, M. & Mencl, L. (2012) *Linargius pangmalai* gen. et sp. n. (Coleoptera: Aphodiidae: Aphodiinae: Aphodiini) from the Oriental region. *Folia Heyrovskiana, Series A*, 20, 105–110.

- Redtenbacher, L. (1858) *Fauna austriaca. Die Käfer. Nach der analytischen Methode bearbeitet. Zweite, gänzlich umgearbeitete, mit mehreren hundert von Arten und mit der Charakteristik sämtlicher europäischer Käfergattungen vermehrte Auflage.* Carl Gerold's Sohn, Wien, Austria, 1017 pp.
<https://doi.org/10.5962/bhl.title.9570>
- Reiche, L. (1841) Tableau d'une division systématique de la tribu des coprophages, dans la famille des Lamellicornes. *Revue Zoologique*, 4, 211–213.
- Reiche, L. (1842) Essai d'une classification méthodique de la tribu des Coprophages, famille des Lamellicornes, Division des Scarabaeoides, Coléoptères, Pentamères. *Annales de la Société Entomologique de France*, 11, 59–94.
- Reichensperger, A. (1915) Myrmekophilen, und Termitophilen aus Natal und Zululand gesammelt von Dr. I. Trägårdh. *Meddelanden från Göteborgs Musei Zoologiska Avdelning*, 5, 1–20.
- Reitter, E. (1891) Ueber die mit *Mendidius* Er. verwandten Gattungen. *Wiener entomologische Zeitung*, 10, 253–255.
- Reitter, E. (1892) Bestimmungs-Tabelle der Lucaniden und coprophagen Lamellicornen des palaearctischen Faunengebietes. *Verhandlungen des naturforschenden Vereins in Brünn, Abhandlungen*, 24, 3–230.
- Reitter, E. (1894) Nachträge und Berichtigungen zu meiner Bestimmungs-Tabelle des coprophagen Lamellicornes. *Entomologische Nachrichten*, 20, 183–190.
- Reitter, E. (1895) Einige neue Coleopteren aus Korea und China. *Wiener entomologische Zeitung*, 14, 208–210.
- Reitter, E. (1896) Coleopterologische Notizen LVII. *Wiener entomologische Zeitung*, 15, 77–78.
- Reitter, E. (1897) *Sicardia* nov. gen. Aphodinidarum. *Deutsche entomologische Zeitschrift*, 1896, 318.
<https://doi.org/10.1002/mmnd.48018960218>
- Reitter, E. (1900) Beitrag zur Coleopteren-Fauna von Europa und den angrenzenden Ländern. *Deutsche entomologische Zeitschrift*, 1900, 81–88.
<https://doi.org/10.1002/mmnd.48019000114>
- Reitter, E. (1901) Weitere Beiträge zur Coleopteren-Fauna des russischen Reiches. *Deutsche entomologische Zeitschrift*, 1901, 65–84.
- Ritsema, C. (1888) Lijst der entomologische Geschriften van Mr. J.W. van Lansberge, gevolgd door eenen opgawe der daarin beschreven nieuwe geslachten, ondergeslachten en soorten. *Tijdschrift voor Entomologie*, 31, 201–234.
- Roets, F. & Oberlander, K.C. (2010) *Silvaphilus*: a new relict forest-endemic Canthonini dung beetle genus from the Western Cape Province of South Africa (Coleoptera: Scarabaeidae: Scarabaeinae). *African Entomology*, 18, 369–373.
<https://doi.org/10.4001/003.018.0213>
- Roggero, A., Barbero, E. & Palestini, C. (2015) Phylogenetic and biogeographical review of the Drepanocerina (Coleoptera: Scarabaeidae: Oniticeellini). *Arthropod Systematics & Phylogeny*, 73, 153–174.
<https://doi.org/10.3897/asp.73.e31822>
- Roggero, A., Barbero, E. & Palestini, C. (2017) Revised classification and phylogeny of an Afrotropical species group based on molecular and morphological data, with the description of a new genus (Coleoptera: Scarabaeidae: Onthophagini). *Organisms Diversity & Evolution*, 17, 181–198.
<https://doi.org/10.1007/s13127-016-0297-z>
- Roggero, A., Dierkens, M., Barbero, E. & Palestini, C. (2017) Combined phylogenetic analysis of two new Afrotropical genera of Onthophagini (Coleoptera, Scarabaeidae). *Zoological Journal of the Linnean Society*, 180, 298–320.
<https://doi.org/10.1007/s13127-016-0297-z>
- Roggero, A., Moretto, P., Barbero, E. & Palestini, C. (2019) The phylogenetic relationships of *Tiaronthophagus* n. gen. (Coleoptera, Scarabaeidae, Onthophagini) evaluated by phenotypic characters. *Insects*, 10, 64.
<https://doi.org/10.3390/insects10030064>
- Rössner, E. (2018) Die paläarktischen Arten der Gattung *Melinopterus* Mulsant, 1842 (Insecta: Coleoptera: Scarabaeidae: Aphodiinae). *Vernate*, 37, 209–306.
- Rössner, E. & Bellmann, A. (2015) Die Identität von *Bodilus nigriventris* (Reitter, 1892) und seine Verwandtschaftsbeziehungen (Insecta: Coleoptera: Scarabaeoidea: Aphodiidae). *Vernate*, 34, 253–270.
- Roth, J.R. (1851) Diagnosen neuer Coleoptera aus Abyssinien. *Archiv für Naturgeschichte*, 17, 115–133.
- Saylor, L.W. (1937) New scarab genera from lower and southern California (Coleoptera). *Bulletin of the Southern California Academy of Sciences*, 36, 35–37.
- Schmidt, A. (1907) Eine neue südafrikanische Gattung der aphodien des Naturhistorischen Museums in Hamburg. (Col.). *Deutsche entomologische Zeitschrift*, 6, 249–250.
<https://doi.org/10.1002/mmnd.48019070304>
- Schmidt, A. (1909) Eine Serie neuer Aphodiinen und eine neue Gattung (Forsetzung VIII). *Societas Entomologica*, 24, 66–67.
- Schmidt, A. (1910) Coleoptera Lamellicornia Aphodiinae. *Genera Insectorum*, 110, 1–155.
- Schmidt, A. (1914a) Erster Versuch einer Einteilung der exotischen Aphodien in Subgenera und als Anhang einige Neubeschreibungen. *Archiv für Naturgeschichte*, 79A, 117–178.
- Schmidt, A. (1914b) Register zu: Erster Versuch einer Einteilung der exotischen Aphodien in Subgenera und als Anhang einige Neubeschreibungen. *Archiv für Naturgeschichte*, 79A, 203–212.
- Schmidt, A. (1917) Namenänderungen und Beschreibung neuer Aphodiinen (Col.). *Archiv für Naturgeschichte*, 82A, 95–116.
- Schmidt, A. (1922) Coleoptera Aphodiinae. *Das Tierreich*, 45, 1–614.
<https://doi.org/10.5962/bhl.title.1121>
- Scholtz, C.H. & Grebennikov, V.V. (2005) Scarabaeoidea Latreille, 1802. In: Beutel, R.G. & Leschen, R.A.B. (Eds.) *Handbook of Zoology, Coleoptera, Beetles. Volume 1. Morphology and systematics (Archostemata, Adephaga, Myxophaga), Polyphaga partim.* Walter de Gruyter, Berlin, Germany, pp. 368–425, 567.
<https://doi.org/10.1515/9783110904550.367>
- Scholtz, C.H. & Howden, H.F. (1987) A revision of the African Canthonina (Coleoptera Scarabaeidae Scarabaeinae). *Journal of the Entomological Society of Southern Africa*, 50, 75–119.
- Schoolmeesters, P. (2025) World Scarabaeidae Database. In: Bánki, O., et al. (2025) Catalogue of Life Checklist (Version 2025-07-10). Catalogue of Life. <https://doi:10.48580/dgrrq>

- Schrank von Paula. F. (1798) *Fauna Boica. Durchgedachte Geschichte der in Baiern einheimischen und zahmen Thiere. Volume 1. Part 2.* Stein'schen Buchhandlung, Nurnberg, Germany, pp. 341–720.
<https://doi.org/10.5962/bhl.title.44923>
- Seabra, A.F. (1909) *Esboço monographico sobre os scarabaeideos de Portugal (Aphodiini e Hybosorini). VI. Estudos sobre os animais uteis e nocivos a agricultura.* Direcção Geral de Agricultura, Publicações do Laboratorio de Pathologia Vegetal, Lisboa, Portugal, 126 pp.
- Seidlitz, G. (1888) *Fauna Baltica. Die Kaefer der Ostseeprovinzen Russlands. Zweite neu bearbeitete Auflage. II. Lieferung.* Hartungsche Verlagsdruckerei, Königsberg, Germany [Kaliningrad, Russia], pp. 129–155.
- Semenov, A.P. (1903) Coleoptera nova faunae turanicae II. *Russkoe Entomologicheskoe Obozrenie*, 3, 353–357.
- Semenov, A.P. (1905) *Analecta coleopterologica XI. N.115. Russkoe Entomologicheskoe Obozrenie*, 5, 139–141.
- Semenov-Tjan-Shansky, A.P. & Medvedev, S. (1927) De tribus novis Coprophagorum speciebus et tesquis Rossiae meridionalis. *Russkoe Entomologicheskoe Obozrenie*, 21, 181–185.
- Semenov-Tjan-Shansky, A.P. & Medvedev, S. (1929) De Aphodiinis novis vel minus cognitis II. *Russkoe Entomologicheskoe Obozrenie*, 23, 83–88.
- Semenov-Tjan-Shansky, A.P. & Reichardt, A. (1925) De novo peculiari Aphodiorum genere, tribum propriam formante (Coleoptera, Scarabaeidae). *Russkoe Entomologicheskoe Obozrenie*, 19, 83–88.
- Şenyüz, Y. (2017) A new genus and species of Aphodiini (Coleoptera: Aphodiidae) from Istanbul Turkey. *Journal of the Entomological Research Society*, 19, 113–119.
- Sharp, D. (1873) Description de nouveaux genres et de nouvelle espèces de coléoptères lamellicornes. *Revue et Magasin de Zoologie Pure et Appliquée, 3e Série*, 1, 262–273.
- Sharp, D. (1875a) Description of two new genera of Scarabaeidae. *Entomologist's Monthly Magazine*, 11, 123–126.
<https://doi.org/10.5962/bhl.part.24387>
- Sharp, D. (1875b) Descriptions of some new genera and species of Scarabaeidae from tropical Asia and Malasia. *Coleopterologische Hefte*, 13, 33–54.
<https://doi.org/10.5962/bhl.part.22813>
- Sharp, D. (1912) *Yakobsonia* gen. n. Aphodiinorum. In: *The Zoological Record. Volume 49.* Zoological Society, London, United Kingdom, p. 221.
- Shipp, J.W. (1895a) Notes on *Onthophagus* Latr.; with corrections of nomenclature, and a description of a new genus. *The Entomologist*, 28, 178–179.
<https://doi.org/10.5962/bhl.part.11235>
- Shipp, J.W. (1895b) A revised classification of the genus *Ateuchus*, Weber. *The Entomologist*, 28, 218–221.
- Shipp, J.W. (1896) *Irrorhotides*: a new genus of Ateuchidae, with a description of a new species. *The Entomologist*, 29, 116–117.
- Shipp, J.W. (1897a) On the synonymy of the genus *Deltochilum*. *Entomologische Nachrichten*, 23, 194–196.
- Shipp, J.W. (1897b) On the genus *Gymnopleurus*, Illiger; with a list of species and descriptions of two new genera. *The Entomologist*, 30, 62–66, 131–135, 166–168.
- Shokhin, I.V. (2007) Contribution to the fauna of lamellicorn beetles (Coleoptera, Scarabaeoidea) of southern Russia, with some nomenclatural changes in the family Scarabaeidae [in Russian]. *Caucasian Entomological Bulletin*, 3, 105–185.
<https://doi.org/10.23885/1814-3326-2007-3-2-105-185>
- Silvestri, F. (1924) Description of a new myrmecophilous Scarabaeidae (Coleoptera) of India. *Records of the Indian Museum*, 26, 583–586.
<https://doi.org/10.26515/rzsi/v26/i6/1924/162653>
- Simonis, A. (1981) *Anoplodrepanus*, nuovo genere di Oniticeellini (Coleoptera, Scarabaeidae). *Bollettino del Museo di Zoologia dell'Università di Torino*, 7, 87–94.
- Simonis, A. (1985) Un nuovo genere e tre nuove specie di Drepanocerina (Coleoptera, Scarabaeidae: Oniticeellini). *Revue Suisse de Zoologie*, 92, 93–104.
<https://doi.org/10.5962/bhl.part.81602>
- Skelley, P.E. (2007a) *Ozodius*, n. gen., for the Australian members of the genus *Drepanocanthoides* Schmidt (Coleoptera: Scarabaeidae: Aphodiinae). *Insecta Mundi*, 15, 1–2.
<https://doi.org/10.5281/zenodo.4532631>
- Skelley, P.E. (2007b) New South American taxa of Odontolochini Stebnicka and Howden (Coleoptera: Scarabaeidae: Aphodiinae). *Insecta Mundi*, 22, 1–15.
<https://doi.org/10.5281/zenodo.5172488>
- Skelley, P.E. (2021) New genus of Rhyparini (Coleoptera: Scarabaeidae: Aphodiinae) in amber from the Dominican Republic. *Insecta Mundi*, 896, 1–5.
<https://doi.org/10.5281/zenodo.12808359>
- Skelley, P.E., Dellacasa, M. & Dellacasa, G. (2009) *Gordonius rhinocerillus*, a new genus and species of Colombian Aphodiini (Coleoptera: Scarabaeidae: Aphodiinae). *Insecta Mundi*, 67, 1–6.
<https://doi.org/10.5281/zenodo.5404999>
- Skelley, P.E. & Minkina, L. (2025) Review of the Rhyparini (Coleoptera: Scarabaeidae: Aphodiinae) of eastern Melanesia and Polynesia, with descriptions of new species. *Zootaxa*, 5632, 115–137.
<https://doi.org/10.11646/zootaxa.5632.1.6>
- Smith, A.B.T. & Génier, F. (2001) Revision of the genus *Holocephalus* (Coleoptera: Scarabaeidae: Scarabaeinae: Coprini). *Canadian Entomologist*, 133, 777–792.
<https://doi.org/10.4039/Ent133777-6>
- Solis, A. & Kohlmann, B. (2012) Checklist and distribution atlas of the Scarabaeinae (Coleoptera: Scarabaeidae) of Costa Rica. *Zootaxa*, 3482, 1–32.
<https://doi.org/10.11646/zootaxa.3482.1.1>
- Solsky, M.S. (1871) Premices d'une faune entomologique de la vallée de Zaravshan, dans l'Asie centrale. *Horae Societatis Entomologicae Rossicae*, 8, 133–165.
- Solsky, M.S. (1876) Coleoptera. In: Fedtschenko, A.P. *Die Reise in Turkestan, auf Veranlassung des General-Gouverneurs K.P.Kauffman herausgegeben von der Kaiserlichen Gesandtschaft der Freunde der Natur Wissenschaften zu Moskau. Volume 2.* St. Petersburg, Russia, pp. 290–398.
- Stals, R., Daniel, G.M. & Deschodt, C.M. (2024) *Hathoronthophagus*, new replacement name for *Hathor* Deschodt, 2023, preoccupied genus-group name of a putatively myrmecophilic dung beetle (Scarabaeidae: Scarabaeinae: Onthophagini). *Zootaxa*, 5397, 449–450.
<https://doi.org/10.11646/zootaxa.5397.3.10>
- Stebnicka, Z.T. (1977) A revision of the world species of the tribe Aegialiini (Coleoptera, Scarabaeidae, Aphodiinae). *Acta Zoologica Cracoviensis*, 22, 397–505.

- Stebnicka, Z.T. (1985) A new genus and species of Aulonocneminae from India with notes on comparative morphology (Coleoptera: Scarabaeidae). *Revue Suisse de Zoologie*, 92, 649–658.
<https://doi.org/10.5962/bhl.part.81901>
- Stebnicka, Z.T. (1990) New synonymies and notes on some Aphodiinae (Coleoptera: Scarabaeidae). *Revue Suisse de Zoologie*, 97, 895–899.
<https://doi.org/10.5962/bhl.part.79769>
- Stebnicka, Z.T. (1993) A new genus and species of Aphodiinae from Leyte, Philippines with notes on other taxa (Coleoptera: Scarabaeoidea). *Philippine Entomologist*, 9, 28–35.
- Stebnicka, Z.T. (1994a) A new genus of unusually modified Psammodiini from Christmas Island (Coleoptera: Scarabaeoidea: Aphodiinae). *Acta Zoologica Cracoviensia*, 37, 65–69.
- Stebnicka, Z.T. (1994b) The status of some taxa of Aphodiinae with descriptions of new genus and species (Coleoptera: Scarabaeoidea). *Acta Zoologica Cracoviensia*, 37, 71–80.
- Stebnicka, Z.T. (1997) A new genus and species of Eupariini from Argentina (Coleoptera: Scarabaeoidea: Aphodiinae). *Acta Zoologica Cracoviensia*, 40, 71–73.
- Stebnicka, Z.T. (1999a) Neotropical Eupariini: new and little known genera and species (Coleoptera: Scarabaeoidea: Aphodiinae). *Revue Suisse de Zoologie*, 106, 285–300.
<https://doi.org/10.5962/bhl.part.80079>
- Stebnicka, Z.T. (1999b) *Flechtmanniella*, a new name for *Flechtmannia* Stebnicka, 1999 (Coleoptera: Scarabaeoidea: Aphodiinae: Eupariini). *Acta Zoologica Cracoviensia*, 42, 28.
- Stebnicka, Z.T. (1999c) A new genus and species of termitophilous Eupariini from Ecuador with checklist of the Neotropical genera (Coleoptera: Scarabaeoidea: Aphodiinae). *Acta Zoologica Cracoviensia*, 42, 289–295.
- Stebnicka, Z.T. (2000) A new genus for Nearctic *Pleurophorus ventralis* Horn, 1887, with phylogenetic inferences (Coleoptera: Scarabaeidae: Aphodiinae: Aphodiini). *Acta Zoologica Cracoviensia*, 43, 287–291.
- Stebnicka, Z.T. (2001) A revision of the Neotropical species of *Saprosites* Redtenbacher, 1858 (Insecta: Coleoptera: Scarabaeidae: Aphodiinae: Eupariini). *Entomologische Abhandlungen und Berichte aus dem staatlichen Museum für Tierkunde in Dresden*, 59, 221–242.
- Stebnicka, Z.T. (2002) The New World Eupariini: revision of the genus *Auperia* Chevrolat, 1864 (= *Phalangochaeta* Martinez, 1952) (Coleoptera: Scarabaeidae: Aphodiinae). *Revue Suisse de Zoologie*, 109, 741–775.
<https://doi.org/10.5962/bhl.part.79568>
- Stebnicka, Z.T. (2003) A new genus and species of the Neotropical Eupariini (Coleoptera: Scarabaeidae: Aphodiinae). *Acta Zoologica Cracoviensia*, 46, 355–358.
- Stebnicka, Z.T. (2006) *Tanyana*, a new name for *Taenia* Stebnicka, 2003 (Coleoptera: Scarabaeidae: Aphodiinae: Eupariini). *Acta Zoologica Cracoviensia*, 49B, 183.
<https://doi.org/10.3409/000000006783995328>
- Stebnicka, Z.T., Dellacasa, M. & Skelley, P.E. (2003) Review of New World Aegialiini (Coleoptera: Scarabaeidae: Aphodiinae), with descriptions of two new genera from South America. *Insecta Mundi*, 17, 73–83.
- Stebnicka, Z.T. & Galante, E. (1991) Studies on some Aphodiinae from the Muséum d'Histoire Naturelle in Geneva. *Revue Suisse de Zoologie*, 98, 725–729.
<https://doi.org/10.5962/bhl.part.79809>
- Stebnicka, Z.T. & Galante, E. (2007) New Neotropical taxa, synonymical clarifications and phylogeny of Odontolochini on the world basis (Coleoptera: Scarabaeidae: Aphodiinae). *Acta Zoologica Cracoviensia*, 50B, 129–138.
<https://doi.org/10.3409/000000007783995147>
- Stebnicka, Z.T. & Howden, H.F. (1994) A revision of the Australian genus *Podotenus* A. Schmidt (Coleoptera: Scarabaeoidea: Aphodiini). *Invertebrate Taxonomy*, 8, 17–62.
<https://doi.org/10.1071/IT9940017>
- Stebnicka, Z.T. & Howden, H.F. (1995) Revision of Australian genera in the tribes Aphodiini, Aegialiini and Proctophanini (Coleoptera: Scarabaeidae: Aphodiinae). *Invertebrate Taxonomy* 9, 709–766.
<https://doi.org/10.1071/IT9950709>
- Stebnicka, Z.T. & Howden, H.F. (1996) Australian genera and species in the tribes Odontolochini, Psammodiini, Rhyparini, Stereomerini and part of the Eupariini Coleoptera: Scarabaeoidea: Aphodiinae). *Invertebrate Taxonomy*, 10, 97–170.
<https://doi.org/10.1071/IT9960097>
- Stebnicka, Z.T. & Skelley, P.E. (2009a) A revision of the genus *Haroldia* Chaumeau (Scarabaeidae: Aphodiinae: Eupariini). *Insecta Mundi*, 62, 1–16.
<https://doi.org/10.5281/zenodo.4531515>
- Stebnicka, Z.T. & Skelley, P.E. (2009b) Taxonomic redefinition of the genera *Parataenius* Balthasar and *Pseudataenius* Brown, with descriptions of three new species (Scarabaeidae: Aphodiinae: Eupariini). *Insecta Mundi*, 66, 1–18.
<https://doi.org/10.5281/zenodo.5404983>
- Strand, E. (1917) Übersicht der in Gistel’s “Achthunder und zwanzig neu oder unbeschriebene wirbellose Thiere” (1857) behandelten Insekten. *Archiv für Naturgeschichte, Abt. A*, 82, 75–101.
<https://doi.org/10.5962/bhl.part.25113>
- Tagliaferri, F., Moretto, P. & Tarasov, S. (2012) Essai sur la systématique et la phylogénie des *Onthophagus* Latreille, 1802, d’Afrique tropicale appartenant au septième groupe de d’Orbigny. Description d’un sous-genre nouveau et de trois espèces nouvelles (Coleoptera, Scarabaeoidea, Onthophagini). *Catharsius La Revue*, 6, 1–31.
- Tangelder, I.R.M. & Krikken, J. (1982) Termitophilous scarabs of the tribe Corythoderini: A taxonomic review (Coleoptera: Aphodiidae). *Zoologische Verhandlungen*, 194, 1–114.
<https://doi.org/10.1163/9789004743045>
- Tarasov, S.I. (2008) A revision of *Aphodius* Illiger, 1798 subgenus *Amidorus* Mulsant et Rey, 1870 with description of the new subgenus *Chittius* (Coleoptera: Scarabaeidae). *Russian Entomological Journal*, 17, 177–192.
- Tarasov, S. (2017) A cybertaxonomic revision of the new dung beetle tribe Parachoriini (Coleoptera: Scarabaeidae: Scarabaeinae) and its phylogenetic assessment using molecular and morphological data. *Zootaxa*, 4329, 101–149.
<https://doi.org/10.11646/zootaxa.4329.2.1>
- Tarasov, S. & Dimitrov, D. (2016) Multigene phylogenetic analysis redefines dung beetle relationships and classification (Coleoptera: Scarabaeidae: Scarabaeinae). *BMC Evolutionary Biology*, 16(257), 1–19.
<https://doi.org/10.1186/s12862-016-0822-x>

- Tarasov, S. & Génier, F. (2015) Innovative Bayesian and parsimony phylogeny of dung beetles (Coleoptera, Scarabaeidae, Scarabaeinae) enhanced by ontology-based partitioning of morphological characters. *PLoS ONE*, 10, e0116671. <https://doi.org/10.1371/journal.pone.0116671>
- Tello, F., Génier, F., Pino, M., Rossini, M., & Verdu, J. R. (2024) *Gomphocopris ashworthi* gen. et sp. nov. (Coleoptera, Scarabaeinae, Homocoprini): an additional new Chilean fossil genus and species extinct at the Pleistocene-Holocene boundary. *Palaeoentomology*, 7, 386–394. <https://doi.org/10.11646/palaeoentomology.7.3.8>
- Tesař, Z. (1945) De novis Aphodinarum speciebus palearcticis. *Časopis Československé Společnosti Entomologické*, 62, 66–72.
- Tesař, Z. (1957) *Fauna ČSR. Sv. II. Brouci listorozi — Lamellicornia Díl 2, Scarabaeidae – vrubounovití. Laporosticti*. ČSAV, Praha, Czechia, 326 pp.
- Thomson, C.G. (1859) *Skandinaviens Coleoptera, synoptiskt bearbetade. Volume I*. Tryckt Ut Berlingska Bocktryckeriet, Lund, Sweden, 290 pp. <https://doi.org/10.5962/bhl.title.138677>
- Thon, D. (1832a) *Deltophilum* Eschholz (Insecta). In: Meier, M.H.E. & Kämtz, L.F. (Eds) *Allgemeine Encyclopädie der Wissenschaften und Künste in alphabetischer Folge von genannten Schriftstellern bearbeitet und herausgegeben von J.S. Ersch und J.G. Gruber. Erste Section. A – G. Dreiundzwanzigster Theil. Daniel – Demeter*. F.A. Brockhaus, Leipzig, Germany, p. 424.
- Thon, D. (1832b) *Oniticellus*, Ziegler (Insecta). In: Meier, M.H.E. & Kämtz, L.F. (Eds) *Allgemeine Encyclopädie der Wissenschaften und Künste in alphabetischer Folge von genannten Schriftstellern bearbeitet und herausgegeben von J.S. Ersch und J.G. Gruber. Dritte Section. O – Z. Dritter Theil. Olbasa – Onocrotalus*. F.A. Brockhaus, Leipzig, Germany, pp. 466–467.
- Tsukamoto, K. (1974) Study on coprophagid-beetles. Family Scarabaeidae. On the Scarabaeoidea III [in Japanese]. *Bulletin of the Heian High School*, 18, 1–16.
- Vårdal, H. & Froshage, M. (2010) A new genus and species and a revised phylogeny of Stereomerini (Coleoptera, Scarabaeidae, Aphodiinae), with notes on assumedly termitophilic aphodiines. *ZooKeys*, 34, 55–76. <https://doi.org/10.3897/zookeys.34.264>
- Vaz-de-Mello, F.Z. (2003) *Ochicanthon*, a new name for *Phacosoma* (Coleoptera, Scarabaeidae), preoccupied with *Phacosoma* Jukes-Browne (Mollusca). *The Coleopterists Bulletin*, 57, 25–26. [https://doi.org/10.1649/0010-065X\(2003\)057\[0025:OANNFP\]2.0.CO;2](https://doi.org/10.1649/0010-065X(2003)057[0025:OANNFP]2.0.CO;2)
- Vaz-de-Mello, F.Z. (2008) Synopsis of the new subtribe Scatimina (Coleoptera: Scarabaeidae: Scarabaeinae: Ateuchini), with descriptions of twelve new genera and review of *Genieridium*, new genus. *Zootaxa*, 1955, 3–75. <https://doi.org/10.11646/zootaxa.1955.1.1>
- Vaz-de-Mello, F.Z., Edmonds, W.D., Ocampo, F.C. & Schoolmeesters, P. (2011) A multilingual key to the genera and subgenera of the subfamily Scarabaeinae of the New World (Coleoptera: Scarabaeidae). *Zootaxa*, 2854, 1–73. <https://doi.org/10.11646/zootaxa.2854.1.1>
- Vaz-de-Mello, F.Z. & Halffter, G. (2006) A new dung beetle genus with two new species from Chile (Coleoptera: Scarabaeidae: Scarabaeinae). *Zootaxa*, 1193, 59–68. <https://doi.org/10.11646/zootaxa.1193.1.4>
- Verdú, J.R., Stebnicka, Z. & Galante, E. (2006) A new Neotropical genus of the Eupariini-Psammodiini complex with comparative morphology of mouthparts structures and analysis of characters among related taxa (Coleoptera: Scarabaeidae: Aphodiinae). *Acta Zoologica Cracoviensia*, 49B, 55–72. <https://doi.org/10.3409/000000006783995274>
- Vieira, M.K., Vaz-de-Mello, F.Z., & Silva, F.A.B. (2019) A taxonomic revision of the *Canthon* subgenus *Pseudepilissus* Martínez, 1954 (Coleoptera: Scarabaeidae: Scarabaeinae). *Insect Systematics & Evolution*, 1, 696–752. <https://doi.org/10.1163/1876312X-00001023>
- Vigors, N.A. (1826) Descriptions of some rare, interesting, or hitherto uncharacterized subjects in zoology. *Zoological Journal*, 2, 510–516.
- Vinson, J. (1946) On *Nesosisyphus*, a new genus of coprine beetles from Mauritius. *Proceedings of the Royal Entomological Society of London, Series B*, 15, 89–96. <https://doi.org/10.1111/j.1365-3113.1946.tb00830.x>
- Vulcano, M.A. & Pereira, F.S. (1966) *Canthonini* das Antilhas. *Arquivos de Zoologia*, 14, 115–154. <https://doi.org/10.11606/issn.2176-7793.196614115-154>
- Vulcano M.A. & Pereira F.S. (1967) Sinopse dos Passalidae e Scarabaeidae s.str. da região amazônica (Insecta, Coleoptera). *Atas do Simposio sobre a Biota Amazonica*, 5 (Zoologia), 533–603.
- Wasmann, E. (1894) *Kritische Verzeichniss der myrmekophilen und termitophilen Arthropoden. Mit Angabe der Lebensweise und mit Beschreibung neuer Arten*. Dames, Berlin, Germany, 231 pp. <https://doi.org/10.5962/bhl.title.122977>
- Wasmann, E. (1918) Myrmecophile und termitophile Coleopteren aus Ostindien, hauptsächlich gesammelt von P. J. Assmuth S.J. II. Scarabaeidae. (223. Beitrag zur Kenntnis der Myrmecophilen und Termitophilen.). *Wiener entomologische Zeitung*, 37, 1–23.
- Waterhouse, C.O. (1874) Notes on Australian Coleoptera with description of new species. *Transactions of the Entomological Society of London*, 12, 535–548. <https://doi.org/10.1111/j.1365-2311.1874.tb00181.x>
- Waterhouse, C.O. (1891) New Scarabaeidae in the British Museum: a fifth contribution. *Annals and Magazine of Natural History, Series 6*, 8, 53–61. <https://doi.org/10.1080/00222939109460388>
- Weber, F. (1801) *Observaciones entomologicae, continentes novorum quae condidit generum characteres, et nuper detectarum specierum descriptiones*. Bibliopolii Academici Novi, Kiliae [Kiel], Germany, 116 pp. <https://doi.org/10.5962/bhl.title.8639>
- Westwood, J.O. (1837). Descriptions of several new species of insects, belonging to the family of sacred beetles. *Proceedings of the Zoological Society of London*, 5, 12–13.
- Westwood, J.O. (1838) *Synopsis of the genera of British insects*. Longman, Orme, Brown, Green, and Longmans, London, United Kingdom, 48 pp.
- Westwood, J.O. (1838b) Description of several new species of insects belonging to the family of the sacred beetles. *Transactions of the Zoological Society of London*, 2, 155–164.

<https://doi.org/10.1111/j.1469-7998.1839.tb00015.x>

- Westwood, J.O. (1842a) Descriptions of the Australian species of lamellicorn beetles, belonging to the family of the sacred beetles. *Journal of Proceedings of the Entomological Society of London*, 1841, 50–51.
- Westwood, J.O. (1842b) Descriptions of some new exotic genera belonging to the family of the sacred beetles. *Journal of Proceedings of the Entomological Society of London*, 1841, 58–59.
- Westwood, J.O. (1845) On some exotic species of Aphodiida. *Journal of Proceedings of the Entomological Society of London*, 1845, 93.
- Westwood, J.O. (1847a) Characters of various new groups and species among the coprophagous lamellicorn beetles. *Transactions of the Entomological Society London*, 4, 225–232.
<https://doi.org/10.1111/j.1365-2311.1847.tb01357.x>
- Westwood, J.O. (1847b) Descriptions of some exotic insects, belonging to the family Aphodiidae. *Transactions of the Entomological Society London*, 4, 239–243.
<https://doi.org/10.1111/j.1365-2311.1847.tb01361.x>
- White, A. (1859) Descriptions of unrecorded species of Australian Coleoptera of the families Carabidae, Buprestidae, Lamellicornia, Longicornia, etc. *Proceedings of the Zoological Society of London*, 1859, 117–123.
- Wirta, H. & Montreuil, O. (2008) Evolution of the Canthonini longitarsi (Scarabaeidae) in Madagascar. *Zoologica Scripta*, 37, 651–663.
<https://doi.org/10.1111/j.1463-6409.2008.00352.x>
- Zhang, J.F. (1989) *Fossil insects from Shanwang, Shandong, China* [in Chinese]. Shandong Science and Technology Publishing House, Jinan, China, 459 pp.
- Ziani, S. (2002) Sulle specie appartenenti al genere *Scarabaeus* Linnaeus, 1758 (sensu lato) presenti in Romagna (Insecta Coleoptera Scarabaeidae). *Quaderno di Studi e Notizie di Storia Naturale della Romagna*, 16, 27–35.
- Ziani, S. (2002) A new genus and species of Aphodiini (Coleoptera: Aphodiidae) inhabiting burrows of small mammals in Lebanon's mountains. *Zoology in the Middle East*, 27, 101–106.
<https://doi.org/10.1080/09397140.2002.10637945>
- Ziani, S. & Gudenzi, I. (2006) Studies on palearctic *Onthophagus* associated with burrows of small mammals. I. *O. furciceps*, *O. kindermanni*, *O. vitulus* and closely related species (Coleoptera Scarabaeidae). *Bollettino della Società Entomologica Italiana*, 138, 207–248.
- Ziani, S. & Gudenzi, I. (2013) Commenti sulla sistematica generica degli Scarabaeini del bacino del Mediterraneo con una chiave dicotomica per il loro riconoscimento (Insecta Coleoptera Scarabaeidae: Scarabaeinae). *Quaderno di Studi e Notizie di Storia Naturale della Romagna*, 36, 115–158.
- Zidek, J. & Pokorný, S. (2008) Illustrated keys to Palearctic *Scarabaeus* Linné (Scarabaeidae). *Animma.x*, 27, 1–28.
- Zidek, J., & Pokorný, S. (2011) Replacement name for a subgenus of *Scarabaeus* Linné, and remarks on *Scarabaeus isidis* (Scarabaeidae: Scarabaeinae: Scarabaeini). *Klapalekiana*, 47, 89–90.
- Zunino, M. (1979) Gruppi artificiali e gruppi naturali negli *Onthophagus* (Coleoptera, Scarabaeoidea). *Bollettino del Museo di Zoologia dell'Università di Torino*, 1, 1–18.
- Zunino, M. (1981) Insect of Saudi Arabia, Coleoptera: Fam. Scarabaeidae, Tribe Onthophagini. *Fauna of Saudi Arabia*, 3, 408–416.