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All genera of the world: Families Alloioscarabaeidae, Septiventeridae, Lucanidae, Trogidae, Glaresidae, Pleocomidae, Bolboceratidae, Diphylostomatidae, Geotrupidae, Passalopalpidae, Passalidae, Belohinidae, Ochodaecidae, Glaphyridae, and Hybosoridae (Animalia: Arthropoda: Insecta: Coleoptera: Scarabaeoidea)

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Abstract

There are about 760 genus-group names, available and unavailable, in the families of Scarabaeoidea other than the Scarabaeidae by 11 March 2026. Of these, 457 refer to currently accepted extant and fossil genera, mainly in the Lucanidae (155), Hybosoridae (93), and Passalidae (72). A further >300 genus-group names are given subgeneric rank or placed in synonymy or homonymy. *Passalus cancrus* Percheron, 1844 is designated as the type species of both *Basilianus* Kaup, 1871 and *Tiberius* Kuwert, 1891, making both generic names **new synonyms** of *Pharochilus* Kaup, 1868.

Key words: Alloioscarabaeidae, Septiventeridae, Lucanidae, Trogidae, Glaresidae, Pleocomidae, Bolboceratidae, Diphylostomatidae, Geotrupidae, Passalopalpidae, Passalidae, Belohinidae, Ochodaecidae, Glaphyridae, Hybosoridae, Scarabaeoidea, generic names, synonyms, type species, scarabs

I will give them an everlasting name, that shall not be cut off.

Isaiah 56: 5

Introduction

The Scarabaeoidea Latreille, 1802 is a stable and obviously monophyletic group of Polyphaga beetles recognised as such in virtually all modern morphological and molecular works (Lawrence *et al.* 2019). The superfamily contains over 40,000 species and is dominated by the Scarabaeidae (over 36,000 species; Schoolmeesters 2025).

Numerous family-level classifications have existed but have coalesced into 14 extant or fossil families (Lawrence *et al.* 2019). We previously catalogued the genera of the Scarabaeidae in Allsopp & Schoolmeesters

(2024a,b, 2025). Here, we catalogue the genera of the other, smaller families of the Scarabaeoidea with a closing date of 11 March 2026. We identify 457 currently accepted genera plus two unresolved generic names. The list is dominated by the Lucanidae (155 genera), Hybosoridae (93), Passalidae (72), Bolboceratidae (47), Geotrupidae (33), Ochodaecidae (23), Glaphyridae (11), and Trogidae (9), with the remaining families each having four or fewer genera. Over 5,200 species are included in these genera.

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.

Schenk (2024) changed the status of eight genus-level taxa of Dorcini (Lucanidae) but provided no justifications. We know of no adoption of these classifications and have retained their previous status. Taxa involved are *Cladognathus* Burmeister, 1847, *Dorcus* (*Dynodorcus*)

Didier, 1931, *Dorcus* (*Hemisodorcus*) Thomson, 1862, *Durelius* Houlbert, 1915, *Lucanus* (*Metopodontus*) Hope, 1845, *Lucanus* (*Pseudolucanus*) Hope, 1845. *Macrodercas* Motschulsky, 1862, *Metopodontus* (*Cyclotropus*) Oberthür & Houlbert, 1913 *Metopodontus* (*Hoplitocranum*) Jakovlev, 1896, and *Tetrarthrius* Didier, 1926.

We identify five genus-level names where a decision from the Commission is needed to conserve a widely used junior synonym or a subsequent widely used incorrect spelling.

Acknowledgements

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. We thank Andrew Smith and Alberto Ballerio for their useful comments.

Family Alloiocarabaeidae Bai, Ren & Yang, 2012

(1 genus)

†*Alloiocarabaeus* Bai, Ren & Yang in Bai *et al.*, 2012 [1 species]. Type species *Alloiocarabaeus cheni* Bai, Ren & Yang, 2012, by original designation.

Family Septiventeridae Bai, Ren, Shih & Yang, 2013

(1 genus)

†*Septiventer* Bai, Ren, Shih & Yang in Bai *et al.*, 2013 [1 species]. Type species *Septiventer quadridentatus* Bai, Ren, Shih & Yang, 2013, by original designation.

Family Lucanidae Latreille, 1804

(155 genera)

Subfamily Protolucaninae Nikolajev, 2007

(1 genus)

†*Protolucanus* Nikolajev, 2007a [1 species]. Type species *Protolucanus jurassicus* Nikolajev, 2007, by original designation.

Subfamily Aesalinae MacLeay, 1819

(18 genera)

Tribe Aesalini MacLeay, 1819

(10 genera)

Aesalus Fabricius, 1801 [7 species and 3 additional subspecies]. Type species *Lucanus scarabaeoides* Panzer, 1793, by monotypy.

Plocastes Gistel, 1856. Type species *Lucanus scarabaeoides* Panzer, 1795, by monotypy. Objective junior synonym of *Aesalus* Fabricius.

Aesalus (*Huaesalus*) Huang & Chen, 2017. Type species *Aesalus imanishii* Inahara & Ratti, 1981 by original designation.

†*Cretaesalus* Nikolajev, 1993 [1 species]. Type species *Cretaesalus ponomarenko* Nikolajev, 1993, by original designation.

Echinoaesalus Zelenka, 1993 [7 species]. Type species *Echinoaesalus jaechi* Zelenka, 1993, by original designation.

Himaloaesalus Huang & Chen, 2013 [6 species]. Type species *Aesalus himalayicus* Kurosawa, 1985, by original designation.

†*Juraesalus* Nikolajev, Wang, Liu & Zhang, 2011 [1 species]. Type species *Juraesalus atavus* Nikolajev, Wang, Liu & Zhang, 2011, by original designation.

Lucanobium Howden & Lawrence, 1974 [2 species]. Type species *Lucanobium squamosum* Howden & Lawrence, 1974, by original designation.

†*Sinaesalus* Nikolajev, Wang, Liu & Zhang, 2011 [3 species]. Type species *Sinaesalus tenuipes* Nikolajev, Wang, Liu & Zhang, 2011, by original designation.

Strabaesalus Paulsen, 2018 [3 species]. Type species *Echinoaesalus borneoensis* Huang and Imura, 2011, by original designation.

Trogellus Paulsen, 2013 [11 species]. Type species *Trogellus herrmanni* Paulsen, 2013, by original designation.

Trogellus (*Mayaesalus*) Paulsen, 2013. Type species *Trogellus narizotus* Paulsen, 2013, by original designation.

Trogellus (*Trogoides*) Paulsen, 2013. Type species *Aesalus trogoides* Albers, 1883, by original designation.

Zelenkaesalus Krikken, 2008, as *Echinoaesalus* (*Zelenkaesalus*) [6 species]. Type species *Aesalus timidus* Krikken, 1975, by original designation. Status revised to *Zelenkaesalus* by Paulsen (2018).

Tribe **Ceratognathini** Sharp, 1899
(6 genera)

Ceratognathus Westwood, 1838 [14 species]. Type species *Ceratognathus niger* Westwood, 1838, by original designation.

†**Cretognathus** Yamamoto, 2023 [1 species]. Type species *Cretognathus minutissimus* Yamamoto, 2023, by original designation.

Hilophyllus Paulsen & Mondaca, 2006 [3 species]. Type species *Ceratognathus penai* Martínez, 1976, by original designation.

Holloceratognathus Nikolajev, 1998, as *Ceratognathus* (*Holloceratognathus*) [3 species]. Type species *Ceratognathus helotoides* Thomson, 1862, by original designation. Status revised to *Holloceratognathus* by Holloway (1998).

Ceratognathus (*Neoceratognathus*) Nikolajev, 1998. Type species *Ceratognathus passaliformis* Holloway, 1962, by original designation. Synonymy by Holloway (1998).

Mitophyllus Parry, 1843 [14 species]. Type species *Mitophyllus irroratus* Parry, 1843, by original designation.

Ptilophyllum Guérin-Ménéville, 1845. Type species *Ptilophyllum godeyi* Guérin-Ménéville, 1845 (= *Mitophyllus irroratus* Parry, 1843), by original designation. Synonymy by Lacordaire (1855).

†**Oncelytris** Li & Cai in Li *et al.*, 2023 [1 species]. Type species *Oncelytris esquamatus* Li & Cai, 2023, by original designation.

Tribe **Nicagini** LeConte, 1861
(2 genera)

Nicagus LeConte, 1861a [3 species]. Type species *Ochodaeus obscurus* LeConte, 1847, by monotypy.

†**Protonicagus** Cai, Yin, Liu & Huang, 2017 [2 species]. Type species *Protonicagus tani* Cai, Yin, Liu & Huang, 2017, by original designation.

Subfamily **Ceruchitinae** Nikolajev, 2006
(1 genus)

†**Ceruchites** Statz, 1952 [1 species]. Type species *Ceruchites hahnei* Statz, 1952, by monotypy.

Subfamily **Syndesinae** MacLeay, 1819
(5 genera)

Tribe **Ceruchini** Jacquelin du Val, 1859
(1 genus)

Ceruchus MacLeay, 1819 [20 species and 2 additional subspecies]. Type species *Lucanus tenebroides* Fabricius, 1787 (= *Ceruchus chrysomelinus* (Hochenwarth, 1785)), by monotypy.

Tarandus Dejean, 1833 (not *Tarandus* Billberg, 1827). Type species *Lucanus tenebroides* Fabricius, 1787 (= *Ceruchus chrysomelinus* (Hochenwarth, 1785)), by monotypy. Objective junior synonym of *Ceruchus* MacLeay.

Tribe **Sinodendriini** Mulsant, 1842
(2 genera)

†**Prosinodendron** Bai, Ren & Yang, 2012 [1 species]. Type species *Prosinodendron krelli* Bai, Ren & Yang, 2012, by original designation.

Sinodendron Hellwig, 1791 [4 species]. Replacement name for *Ligniperda* Fabricius, 1790, not *Ligniperda* Pallas, 1772, nor *Ligniperda* Herrmannsen, 1847.

Ligniperda Fabricius, 1790. Type species *Scarabaeus cylindricus* Linnaeus, 1758, by monotypy.

Tribe **Syndesini** MacLeay, 1819
(2 genera)

Psilodon Perty, 1830 (not *Psilodon* Cobalescu, 1883) [8 species]. Type species *Psilodon schuberti* Perty, 1830, by monotypy.

Hexaphyllum Gray & Griffith in Griffith & Pidgeon, 1832. Type species *Hexaphyllum brasiliensis* Gray & Griffith, 1832 (= *Psilodon schuberti* Perty, 1830), by monotypy. Synonymy by van Roon (1910).

Syndesus MacLeay, 1819 (not *Syndesus* Gray, 1832) [5 species]. Type species *Sinodendron cornutum* Fabricius, 1801, by monotypy.

Subfamily **Lampriminae** MacLeay, 1819
(7 genera)

Unplaced to tribe
(2 genera)

†**Electraesalopsis** Bai, Zhang & Qiu in Qiu *et al.*, 2017 [1 species]. Type species *Electraesalopsis beuteli* Bai, Zhang & Qiu, 2017, by original designation.

†*Prostreptocerus* Yu & Cai in Yu *et al.*, 2024 [1 species]. Type species *Prostreptocerus burmiticus* Yu & Cai, 2024, by original designation.

Tribe Lamprimini MacLeay, 1819
(4 genera)

Dendroblax White, 1846 [1 species]. Type species *Dendroblax earlii* White, 1846, by monotypy.

Homolamprima Macleay, 1885a [1 species]. Type species *Homolamprima crenulata* Macleay, 1885, by monotypy.

Lamprima Latreille, 1804 [5 species]. Type species *Lethrus aeneus* Fabricius, 1792, by monotypy.

Neolamprima Gestro, 1875. Type species *Neolamprima adolphinae* Gestro, 1875, by monotypy. Synonymy by Nagel (1922).

Phalacrognathus Macleay, 1885b [1 species]. Type species *Lamprima muelleri* MacLeay, 1885, by monotypy.

Tribe Streptocerini Kikuta, 1986
(1 genus)

Streptocerus Fairmaire, 1850 [1 species]. Type species *Streptocerus speciosus* Fairmaire, 1850, by monotypy.

Streptocerus: Dejean 1833. Unavailable name.

Subfamily Lucaninae Latreille, 1804
(120 genera)

Unplaced to tribe
(6 genera)

Allotopus Albers, 1894 [2 species and 2 additional subspecies]. Type species *Prosopocoilus rosenbergi* Snellen van Vollenhoven, 1872, by monotypy. Note: Included by Maes (1992) in the “Allotopini” but that name is unavailable (Smith 2006).

†*Anisoodontus* Wu, Tang & Peng in Wu *et al.*, 2022 [2 species]. Type species *Anisoodontus qizhihaoi* Wu, Tang & Peng, 2022, by original designation.

Colophon Gray in Griffith & Pidgeon, 1832 (not *Colophon* Cambridge, 1874) [22 species]. Type species *Colophon westwoodi* Gray, 1832, by monotypy.

†*Dicholucanus* Arakelyan & Yan, 2024 [1 species]. Type species *Dicholucanus khasurtensis* Arakelyan & Yan, 2024, by original designation.

Homoderus Parry, 1862 [3 species]. Type species *Homoderus mellyi* Parry, 1862, by monotypy. Note: Included by Maes (1992) in the “Homoderini” but that name is unavailable (Smith 2006).

Mesotopus Hope, 1845, as *Lucanus* (*Mesotopus*) [3 species]. Type species *Lucanus tarandus* Swederus, 1787, by monotypy. Status revised to *Mesotopus* by Burmeister (1847). Note: Included by Maes (1992) in the “Allotopini” but that name is unavailable (Smith 2006).

Tribe Aegini Huang & Chen, 2013
(10 genera)

Aegotypus Parry, 1874 [10 species]. Type species *Aegus trilobatus* Parry, 1862, by monotypy.

Aegus MacLeay, 1819 [198 species and 28 additional subspecies]. Type species *Aegus chelififer* MacLeay, 1819, by subsequent designation of Arrow (1950).

Alcimus Fairmaire, 1849. Type species *Alcimus dilatatus* Fairmaire, 1849, by monotypy.

Paraegus Gahan, 1888. Type species *Paraegus listeri* Gahan, 1888, by original designation. Synonymy by Arrow (1943).

Xenostomus Boileau, 1898. Type species *Xenostomus ritsemæ* Boileau, 1898, by monotypy. Synonymy by Arrow (1943).

Pseudaegus Heller, 1907. Type species *Pseudaegus leptodon* Heller, 1907, by monotypy. Synonymy by Arrow (1943).

Ebussea Zacher, 1913. Replacement name for *Alcimus* Fairmaire, not *Alcimus* Loew, 1848, nor *Alcimus* Dallas, 1851. Synonymy by Arrow (1943).

Elsion Kriesche, 1921. Type species *Elsion sepicanum* Kriesche, 1921, by monotypy. Synonymy by Benesh (1960).

Malietao Kriesche, 1921. Type species *Malietao hindenburgi* Kriesche, 1921, by monotypy. Synonymy by Arrow (1943).

Aegus (*Odontaegus*) Kriesche, 1935. Type species *Aegus parvus* Boileau, 1902, by monotypy. Synonymy by Huang & Chen (2017).

Aegus (*Gnaphaegus*): Maes 1992. Unavailable name.

Aegus (*Micraegus*): Maes 1992. Unavailable name.

Bartolozziolucanus Nagai in Mizunuma & Nagai, 1994 [3 species]. Type species *Gnaphaloryx pallidus* Nagel, 1926, by original designation.

Bomansius Lacroix, 1978 [2 species]. Type species *Bomansius gabrieli* Lacroix, 1978, by original designation.

Cherasphorus Bomans, 1988 [4 species]. Type species *Cherasphorus inflatus* Bomans, 1988, by original designation.

Irianoaegus Fujita, 2010 [1 species]. Type species *Irianoaegus shiokurai* Fujita, 2010, by original designation.

Microlucanus Bomans & Bartolozzi, 1996 [4 species]. Type species *Microlucanus greensladeae* Bomans & Bartolozzi, 1996, by original designation.

Pelekysaegus Chang, 2026 [1 species]. Type species *Pelekysaegus robustus* Chang, 2026, by original designation.

Torynognathus Arrow, 1935 [2 species]. Type species *Torynognathus oberthuri* Arrow, 1935, by original designation.

Tumidaegus Bomans, 1988 [1 species]. Type species *Tumidaegus variolosus* Bomans, 1988, by original designation. Note: Fujita (2010) incorrectly spelt *Tumidaegus* as “*Timidaegus*”.

Tribe Capreolucanini Huang & Chen, 2013 (2 genera)

Capreolucanus Didier, 1928 [3 species and 2 additional subspecies]. Type species *Capreolucanus sicardi* Didier, 1928, by original designation.

Katsuraius Nagai, 1996 [1 species]. Type species *Katsuraius ikedaorum* Nagai, 1996, by original designation.

Tribe Casignetini Reid, 1999 (2 genera)

Cacostomus Newman, 1840 [3 species]. Type species *Cacostomus squamosus* Newman, 1840, by monotypy.

Lucanus (Lepidodes) Westwood, 1842. Type species *Lucanus (Lepidodes) rotundicollis* Westwood, 1842, by monotypy. Synonymy by Westwood (1855). Note: van Roon (1910) incorrectly spelt *Lepidodes* as “*Lepidotes*”.

Eucarteria Lea, 1914. Type species *Eucarteria floralis* Lea, 1914, by monotypy. Synonymy by Reid (1999).

Casignetus MacLeay, 1819 [4 species]. Type species *Casignetus geotrupoides* MacLeay, 1819 (= *Casignetus humboldti* (Gyllenhal, 1817)), by monotypy. Note: Laporte (1840) incorrectly spelt *Casignetus* as “*Casignathus*”.

Pholidotus MacLeay, 1819 (not *Pholidotus* Brisson, 1762, *Pholidotus* Williamson, 1849, nor *Pholidotus* Hermann, 1912). Type species *Pholidotus lepidosus* MacLeay, 1819 (= *Casignetus humboldti* (Gyllenhal, 1817)), by monotypy. Synonymy by Laporte (1840).

Chalcimon Dalman, 1824. Type species *Lamprima humboldti* Gyllenhal, 1817, by original designation. Synonymy by Laporte (1840).

Tribe Chiasognathini Burmeister, 1847 (6 genera)

Australognathus Chalumeau & Brochier, 1993, as *Australognathus* [2 species]. Type species *Sphaenognathus queenslandicus* Moore, 1978, by original designation.

Chiasognathus Stephens, 1831 [7 species]. Type species *Chiasognathus grantii* Stephens, 1831, by monotypy. Note: Guérin-Méneville (1838) incorrectly spelt *Chiasognathus* as “*Chyasognathus*”.

Tetrophthalma Lesson, 1833. Type species *Tetrophthalma chiloensis* Lesson, 1833 (= *Chiasognathus grantii* Stephens, 1831), by monotypy. Synonymy by Thomson (1862). Note: Burmeister (1847) incorrectly spelt *Tetrophthalma* as “*Tetraophthalmus*”.

Bomansodus Chalumeau & Brochier, 1995. Type species *Chiasognathus impubis* Parry, 1870, by original designation. Synonymy by Molino-Olmedo (2005).

Chiasognathus (Carmenia) Molino-Olmedo, 2001. Type species *Chiasognathus latreillei* Solier, 1851, by original designation.

Chiasognathus (Ramirezia) Molino-Olmedo, 2001. Type species *Chiasognathus jousellinii* Reiche, 1850, by original designation.

Chiasognathus (Carmeniella) Molino-Olmedo, 2002. Replacement name for *Chiasognathus (Carmenia)* Molino-Olmedo, 2001, not *Carmenia* Roewer, 1915. Synonymy by Paulsen & Smith (2010).

Chiasognathus (Ramireziella) Molino-Olmedo, 2002. Replacement name for *Chiasognathus (Ramirezia)*

Molino-Olmedo, 2001, not *Ramirezia* Zamponi, 1980. Synonymy by Paulsen & Smith (2010).

Orotropes Amorim & Paulsen in Amorim *et al.*, 2026 [1 species]. Type species *Orotropes asenjoii* Amorim and Grossi, 2026, by original designation.

†**Protognathinus** Chalumeau & Brochier, 2001 [1 species]. Type species *Protognathinus spielbergi* Chalumeau & Brochier, 2001, by original designation.

Ryssonotus MacLeay, 1819 [1 species]. Type species *Lucanus nebulosus* Kirby, 1818, by monotypy. Note: Agassiz (1846) used the unjustified emendation “*Rhyssonotus*”; although this spelling has been used, particularly in Australia, it has not been adopted in a global sense (Reid & Beatson 2016).

Safrina Reid & Beatson, 2016 [8 species]. Type species *Rhyssonotus laticeps* Macleay, 1885, by original designation.

Sphaenognathus Buquet, 1839a (not *Sphaenognathus* Schönherr, 1845) [30 species]. Type species *Sphaenognathus prionoides* Buquet, 1839, by monotypy. Note: Buquet (1839b) incorrectly spelt *Sphaenognathus* as “*Sphoenognathus*” and Parry (1874) incorrectly spelt *Sphaenognathus* as “*Sphenognathus*”.

Orthognatus: Dejean 1833. Unavailable name.

Sphaenognathus (Chiasognathinus) Didier, 1953, as *Chiasognathinus*. Type species *Chisognathus pervianus* Waterhouse, 1869, by original designation. Status revised to *Sphaenognathus (Chiasognathinus)* by Chalumeau & Brochier (1995).

Sphaenognathus (Chiasornithodus) Chalumeau & Brochier, 1995, as *Chiasognathinus (Chiasornithodus)*. Type species *Sphenognathus mandibularis* Boileau, 1911, by original designation. Status revised to *Sphaenognathus (Chiasornithodus)* by Molino-Olmedo (2003).

Sphaenognathus (Sphaenognathinus) Chalumeau & Brochier, 1995, as *Chiasognathinus (Sphaenognathinus)*. Type species *Sphenognathus kolbei* Kriesche, 1917, by original designation. Status revised to *Sphaenognathus (Sphaenognathinus)* by Molino-Olmedo (2003).

Tribe Cyclommatini Huang & Chen, 2013 (1 genus)

Cyclommatus Parry, 1863 [57 species and 17 additional subspecies]. Replacement name for *Megaloprepes* Thomson, 1862, not *Megaloprepes* Bigot, 1859 and confused with *Megaloprepes* Rambur, 1842.

Megaloprepes Thomson, 1862. Type species *Lucanus tarandus* Thunberg, 1806, by original designation.

Cyclommatellus Nagel, 1936. Type species *Cyclommatellus bucephalus* Nagel, 1936, by original designation. Synonymy by Arrow (1938).

Tribe Dorcini Parry, 1864 (23 genera)

Aulacostethus Waterhouse, 1869 (not *Aulacostethus* Uhler, 1871, nor *Aulacostethus* Philippi, 1873) [5 species]. Type species *Aulacostethus archeri* Waterhouse, 1869, by monotypy.

Aegomorphus Houlbert, 1914 (not *Aegomorphus* Dejean, 1835, nor *Aegomorphus* White, 1855). Type species *Aegomorphus ruditemporalis* Houlbert, 1914, by monotypy. Synonymy by Benesh (1955b).

Chewlucanus Ikeda & Katsura, 2000 [3 species]. Type species *Chewlucanus hirasawai* Ikeda & Katsura, 2000, by original designation.

Digonophorus Waterhouse, 1895b [10 species and 3 additional subspecies]. Type species *Digonophorus atkinsoni* Waterhouse, 1895 (= *Digonophorus elegans* (Parry, 1862)), by monotypy.

†**Dorcasoides** Motschulsky, 1856 [1 species]. Type species *Dorcasoides bilobus* Motschulsky, 1856, by monotypy.

Dorcus MacLeay, 1819 [118 species and 44 additional subspecies]. Type species *Scarabaeus parallelipipedus* Linnaeus, 1758, by subsequent designation of Duponchel (1844).

Dorcus (Eurytrachelus) Thomson, 1862. Type species *Dorcus (Eurytrachelus) semirugosus* Thomson, 1862 (= *Dorcus tityus* Hope, 1842), by subsequent designation of Didier & Séguy (1953). Synonymy by Harold (1868).

Dorcus (Hemisodorcus) Thomson, 1862. Type species *Lucanus nepalensis* Hope, 1831, by subsequent designation of Arrow (1950). Synonymy by Arrow (1935).

Macrodorcas Motschulsky, 1862a. Type species *Psalidostomus rectus* Motschulsky, 1857, by subsequent designation of Didier (1931). Synonymy by Harold (1868). Note: Felsche (1898) incorrectly spelt *Macrodorcas* as “*Macrodorcus*”.

Ditomoderus Parry, 1864. Type species *Ditomoderus mirabilis* Parry, 1864, by monotypy. Synonymy by Arrow (1943).

- Durelius* Houlbert, 1915c. Type species *Dorcus derelictus* Parry, 1862, by monotypy. Synonymy by Arrow (1943).
- Dorcus* (*Dynodorcus*) Didier, 1931. Type species *Dorcus antaeus* Hope, 1842, by original designation. Synonymy by Didier & Séguy (1953).
- Eurytrachellelus* Didier, 1931. Replacement name for *Eurytrachelus* Thomson, 1862, not *Eurytrachelus* Motschulsky, 1850.
- Eurytrachellelus* (*Eurydorcus*) Didier, 1931. Type species *Dorcus reichei* Hope, 1842, by original designation. Synonymy by Huang & Chen (2013).
- Eurytrachellelus* (*Goniodorcus*) Didier, 1931. Type species *Eurytrachelus coranus* Gestro, 1881 (= *Dorcus arfakianus* (Lansberge, 1880)), by original designation. Synonymy with *Eurytrachellelus* (*Telodorcus*) by Maes (1990).
- Eurytrachellelus* (*Telodorcus*) Didier, 1931. Type species *Lucanus saiga* Olivier, 1789, by original designation. Synonymy by Huang & Chen (2013).
- Nipponodorcus* Nomura & Kurosawa in Nomura, 1960. Type species *Eurytrachelus rubrofemoratus* Snellen van Vollenhoven, 1865, by original designation. Synonymy by Huang & Chen (2013).
- Hemisodorcus* (*Paradorcus*): Maes 1990. Unavailable name.
- Epidorcus*** Séguy, 1954 [10 species and 1 additional subspecies]. Type species *Cladognathus piceipennis* Westwood, 1855 (= *Epidorcus gracilis* (Saunders, 1854)), by original designation.
- Eulepidius*** Westwood, 1874 [1 species]. Type species *Eulepidius luridus* Westwood, 1874, by monotypy.
- Falcicornis*** Planet, 1894 [35 species and 10 additional subspecies]. Type species *Falcicornis groulti* Planet, 1894, by original designation.
- Pogonodorcus* Séguy, 1954. Type species *Prosopocoelus elegantulus* Albers, 1891, by original designation. Synonymy by Huang & Chen (2013).
- Foraminis*** Nagai, 2010 [1 species]. Type species *Gnaphaloryx perforatus* Ritsema, 1885, by original designation.
- Gnaphaloryx*** Burmeister, 1847 [16 species and 8 additional subspecies]. Type species *Gnaphaloryx opacus* Burmeister, 1847, by subsequent designation of Arrow (1950).
- Odontaegus*: Kriesche 1935. Unavailable name.
- Hexarthrius*** Hope, 1842 [17 species and 13 additional subspecies]. Type species *Hexarthrius parryi* Hope, 1842, by monotypy.
- Kirchnerius*** Schenk, 2009 [20 species and 5 additional subspecies]. Type species *Kirchnerius guangxii* Schenk, 2009, by original designation.
- Prosopocoilus* (*Macrodorcinus*): Maes 1990. Unavailable name.
- Metallactulus*** Ritsema, 1885 [5 species]. Replacement name for *Metallactus* Albers, 1884, not *Metallactus* Suffrian, 1866.
- Metallactus* Albers, 1884. Type species *Lucanus parvulus* Hope, 1845, by monotypy.
- † ***Miocenidorcus*** Riou, 1999 [1 species]. Type species *Miocenidorcus andancensis* Riou, 1999, by original designation.
- Miwanus*** Huang & Chen, 2013 [1 species and 2 additional subspecies]. Type species *Leptinopterus formosanus* Miwa, 1929, by original designation.
- Macrodorcus* (*Miwanus*): Maes 1990. Unavailable name.
- Macrodorcus* (*Miwanus*): Maes 1992. Unavailable name.
- Pachistaegus*** de Lisle, 1967 [2 species]. Type species *Pachistaegus besucheti* de Lisle, 1967, by original designation.
- Prosopocoilus*** Hope, 1845, as *Lucanus* (*Prosopocoilus*) [135 species and 81 additional subspecies]. Type species *Lucanus cavifrons* Hope, 1845, by subsequent designation of Arrow (1950). Status revised to *Prosopocoilus* by Parry (1870). Note: Van Roon (1910) incorrectly spelt *Prosopocoilus* as “*Prosopocoelus*”.
- Lucanus* (*Macrognathus*) Hope, 1845. Type species *Lucanus girafa* Olivier, 1789, by subsequent designation of Arrow (1950). Synonymy by Bartolozzi & Sprecher-Uebersax (2006).
- Lucanus* (*Metopodontus*) Hope, 1845. Type species *Lucanus savagei* Hope, 1842 (= *Prosopocoilus downesii savagei*), by subsequent designation of Arrow (1950). Synonymy by Bartolozzi & Sprecher-Uebersax (2006).
- Cladognathus* Burmeister, 1847 (not *Cladognathus* Rexroad, 1957). Replacement name for *Macrognathus* Hope, 1845, not *Macrognathus* Lacepède, 1800. Synonymy by Bartolozzi & Sprecher-Uebersax (2006).

Psalidognathus Motschulsky, 1862a. Type species *Lucanus inclinatus* Motschulsky, 1859, by monotypy.

Psalidoremus Motschulsky, 1862b. Replacement name for *Psalidognathus* Motschulsky, 1862, not *Psalidognathus* Gray, 1832. Synonymy by Harold (1868).

Metopodontus (*Hoplitocranum*) Jakovlev, 1896. Type species *Hoplitocranum calcaratus* Jakovlev, 1896 (= *Prosopocoilus jenkinsi jenkinsi* (Westwood, 1848)), by monotypy. Synonymy by Bartolozzi & Sprecher-Uebersax (2006).

Metopodontus (*Metopotropus*) Oberthür & Houlbert, 1913a. Type species *Prosopocoilus mohnikei* Parry, 1873, by monotypy. Synonymy by Bartolozzi & Sprecher-Uebersax (2006).

Metopodontus (*Cyclotropus*) Oberthür & Houlbert, 1913b. Type species *Lucanus occipitalis* Hope, 1845, by monotypy. Synonymy by Bartolozzi & Sprecher-Uebersax (2006).

Pelecognathus Houlbert, 1915b. Type species *Pelecognathus prosopocaloides* Houlbert, 1915, by monotypy. Synonymy by Löbl & Löbl (2016).

Prosopocoilus (*Homoderinus*) Kriesche, 1926. Type species *Homoderus variegatus* Boileau, 1904, by subsequent designation of Didier & Séguy (1953). Synonymy by Bartolozzi & Sprecher-Uebersax (2006).

Eulucanus Didier, 1927a. Type species *Eulucanus spectabilis* Didier, 1927, by monotypy. Synonymy by Araya *et al.* (2001).

Cladognathinus Didier & Séguy, 1952. Type species *Cladognathus decipiens* Parry, 1864, by original designation. Synonymy by Bartolozzi & Sprecher-Uebersax (2006).

Prosopocoilus (*Prosopocoilinus*): Maes 1990. Unavailable name.

Prosopocoilus (*Pseudodontolabis*): Maes 1990. Unavailable name.

Pseudorhaetus Planet, 1899 [3 species and 1 additional subspecies]. Type species *Pseudorhaetus oberthuri* Planet, 1899, by monotypy.

Weinreichius Lacroix, 1978. Type species *Weinreichius perroti* Lacroix, 1978, by original designation. Synonymy by Fujita (2010).

Rhaetulus Westwood, 1871 [4 species and 8 additional subspecies]. Type species *Rhaetulus crenatus* Westwood, 1871, by monotypy.

Rhaetus Parry, 1864 [1 species and 1 additional subspecies]. Type species *Hexarthrius westwoodi* Parry, 1862, by monotypy.

Serrognathus Motschulsky, 1862a [11 species and 30 additional subspecies]. Type species *Serrognathus castanicolor* Motschulsky, 1862 (= *Serrognathus* (*Serrognathus*) *titanus castanicolor* Motschulsky, 1862), by monotypy.

Lucanus (*Platyprosopus*) Hope, 1845 (not *Platyprosopus* Mannerheim, 1831). Type species *Lucanus titanus* Boisduval, 1835, by subsequent designation of Arrow (1950). Synonymy by Harold (1868).

***Serrognathus* (*Brontodorcus*)** Didier, 1931. Type species *Eurytrachelus alcides* Snellen van Vollenhoven, 1865, by original designation.

***Serrognathus* (*Lasiodorcus*)** Didier, 1931, as *Eurytrachelus* (*Lasiodorcus*). Type species *Lucanus gypaetus* Laporte, 1840 (= *Serrognathus* (*Lasiodorcus*) *taurus gypaetus* (Laporte, 1840)), by original designation. Status revised to *Serrognathus* (*Lasiodorcus*) by Benesh (1958).

Sinodorcus Huang & Chen, 2013 [1 species and 1 additional subspecies]. Type species *Dorcus sawaii* Tsukawaki, 1999, by original designation.

Velutinodorcus Yi, 2023 (15 species). Type species *Dorcus velutinus* Thomson, 1862, by original designation.

Velutinodorcus: Maes 1992. Unavailable name.

Tribe Figulini Burmeister, 1847 (16 genera)

Agnelius Paulsen, 2017a [1 species]. Type species *Nigidius nageli* Kriesche, 1926, by original designation.

Agnus Burmeister, 1847 (not *Agnus* Günther, 1860) [2 species]. Type species *Agnus egenus* Burmeister, 1847, by monotypy.

Bobus Boileau, 1899a. Type species *Bobus picornoti* Boileau, 1899 (= *Agnus egenus* Burmeister, 1847), by monotypy. Synonymy by Boileau (1899b).

Amneidus Coquerel, 1866 [1 species]. Type species *Amneidus godefroyi* Coquerel, 1866, by monotypy.

Cardanus Westwood, 1834 [10 species]. Type species *Cardanus sulcatus* Westwood, 1834 (= *Cardanus sulcithorax* (Perty, 1831)), by monotypy.

Diasomus Perty, 1831 (not *Diasomus* Dalman, 1824). Type species *Diasomus sulcithorax* Perty, 1831, by subsequent designation of Didier & Séguy (1953). Synonymy by Arrow (1938).

†**Cretofigulus** Qi & Monte in Qi *et al.*, 2025 [2 species]. Type species *Cretofigulus caoqiangi* Qi & Monte, 2025, by original designation.

Diasomoides Schenk, 2002 [1 species]. Type species *Diasomoides schenki* Schenk, 2002, by original designation.

Dinonigidius de Lisle, 1974 [2 species]. Type species *Dinonigidius ahenobarbus* de Lisle, 1974, by original designation.

Epipedesthus de Lisle, 1976 [2 species]. Type species *Epipedesthus wangi* de Lisle, 1976, by original designation.

Figulus MacLeay, 1819 (not *Figulus* Spix, 1824) [141 species and 1 additional subspecies]. Type species *Lucanus striatus* Olivier, 1789, by monotypy.

Figulus (Figulinus) Bomans, 2007. Type species *Figulus manillarum* Hope, 1845, by original designation.

Ganelius Benesh, 1955b [4 species]. Replacement name for *Nagelius* Benesh, 1955, not *Nagelius* Lewis, 1909.

Eudora Laporte, 1840. Type species *Eudora madagascariensis* Laporte, 1840, by subsequent designation of Mizunuma & Nagai (1994).

Nagelius Benesh, 1955a. Replacement name for *Eudora* Laporte, 1840, not *Eudora* Péron & Leseur, 1810, *Eudora* Rafinesque, 1815, *Eudora* de Haan, 1833, *Eudora* Leach, 1852, *Eudora* Bate, 1856, nor *Eudora* Robineau-Desvoidy, 1863.

Geonigidius Xin, Gong, Zhong & Qi [1 species]. Type species *Geonigidius sinensis* Xin, Gong, Zhong & Qi, 2025, by original designation.

Nigidionus Kriesche, 1926 [1 species]. Type species *Nigidius parryi* Bates, 1866, by original designation.

Nigidius MacLeay, 1819 [84 species and 1 additional subspecies]. Type species *Nigidius cornutus* MacLeay, 1819, by monotypy.

Polytrophus Gistel, 1848. Type species *Nigidius cornutus* MacLeay, 1819, by monotypy. Objective junior synonym of *Nigidius* MacLeay.

Hadronigidius Kraatz, 1896. Type species *Hadronigidius bennigsenii* Kraatz, 1896 (= *Nigidius amplicollis* Quedenfeldt, 1884), by monotypy. Synonymy by van Roon (1910).

Novonigidius Dudich, 1923 [8 species]. Type species *Novonigidius ornatifrons* Dudich, 1923, by original designation.

Caprinigidius Didier, 1928b. Type species *Caprinigidius trifurcus* Didier, 1928, by original designation. Synonymy by Benesh (1955b).

Platyfigulus Arrow, 1935 [1 species]. Type species *Platyfigulus scorpio* Arrow, 1935, by original designation.

Vinsonella Arrow, 1940 [1 species]. Type species *Vinsonella caeca* Arrow, 1940, by original designation.

Tribe Lucanini Latreille, 1804

(10 genera)

Brasilucanus Vulcano & Pereira, 1961 [2 species]. Type species *Brasilucanus alvarengai* Vulcano & Pereira, 1961, by original designation.

Cyclommatinus Didier, 1927b [14 species and 8 additional subspecies]. Type species *Lucanus strigiceps* Westwood, 1848, by subsequent designation of Didier & Séguy (1953).

Dendezia Basilewsky, 1952 [1 species]. Type species *Dendezia renieri* Basilewsky, 1952, by original designation.

Eolucanus Kurosawa, 1970, as *Lucanus (Eolucanus)* [10 species and 2 additional subspecies]. Type species *Lucanus gracilis* Albers, 1889, by original designation. Status revised to *Eolucanus* by Kikuta (1986).

Lucanus Scopoli, 1763 [126 species and 36 additional subspecies]. Type species *Scarabaeus cervus* Linnaeus, 1758, by subsequent monotypy of Latreille (1807).

Hexaphyllus Mulsant, 1839. Type species *Hexaphyllus pontbrianti* Mulsant, 1839, by monotypy. Synonymy by Hope (1845).

Lucanus (Pseudolucanus) Hope, 1845. Type species *Scarabaeus capreolus* Linnaeus, 1763, by subsequent designation of Didier & Séguy (1953). Synonymy by Harold (1868).

Oonotus Parry, 1864 [4 species]. Type species *Dorcus adpersus* Boheman, 1857, by monotypy.

Oonotus (Macroonotus) Endrödy-Younga, 1993. Type species *Oonotus (Macroonotus) rex* Endrödy-Younga, 1993, by original designation.

Penichrolucanus Deyrolle, 1863 [9 species]. Type species *Penichrolucanus copricephalus* Deyrolle, 1863, by monotypy.

Prismognathus Motschulsky, 1860a [41 species and 7 additional subspecies]. Type species *Prismognathus subaeneus* Motschulsky, 1860 (= *Prismognathus dauricus* (Motschulsky, 1860)), by monotypy. An application has been submitted by Allsopp, Cupello and Schoolmeesters to the Commission to preserve the prevailing usage of *Prismognathus* by suppressing *Cyclophalmus* Hope, 1845.

Lucanus (Cyclophalmus) Hope, 1845. Type species *Lucanus platycephalus* Hope, 1842, by subsequent designation of Thomson (1862). Synonymy by Parry (1870) as *Cyclorasis*. Note: Thomson (1862) incorrectly spelt *Cyclophalmus* as “*Cyclophthamus*”, “*Cyclophthalmus*” and “*Cyclophthalmus*” and Arrow (1950) incorrectly spelt *Cyclophalmus* as “*Cyclophthorus*”.

Cyclorasis Thomson, 1862. Unnecessary replacement name for *Cyclophalmus* Hope, 1845, confused with *Cyclophthalmus* Corda, 1835.

Cladophyllus Houlbert, 1912. Type species *Cladophyllus oberthueri* Houlbert, 1912, by monotypy. Synonymy by Huang & Chen (2017).

Eligmodontus Houlbert, 1915a. Type species *Eligmodontus arcuatus* Houlbert, 1915, by monotypy. Synonymy by Nagai (2005).

Gonometopus Houlbert, 1915a. Type species *Gonometopus triapicalis* Houlbert, 1915, by monotypy. Synonymy by Nagai (2005).

Tetrarthrius Didier, 1926. Type species *Tetrarthrius castaneus* Didier, 1926, by monotypy. Synonymy by Nagai (2005).

Sinolucanus Wang & He, 2024 [2 species]. Replacement name for *Xizangia* Zhang, 1988, not *Xizangia* Zhang, 1982, nor *Xizangia* Song, Zhu & Zhang, 2004.

Xizangia Zhang, 1988. Type species *Xizangia cryptonychus* Zhang, 1988, by original designation.

Xiphodontus Westwood, 1838 [3 species]. Type species *Xiphodontus antilope* Westwood, 1838, by original designation.

Coryptius: Dejean 1836. Unavailable name.

Cephax Laporte, 1840. Type species *Cephax reichii* Laporte, 1840 (= *Xiphodontus antilope* Westwood, 1838), by monotypy. Synonymy by Burmeister (1847).

Corypticus: Sturm 1843. Unavailable name.

Cardanopsis Boileau, 1910. Type species *Cardanopsis bicolor* Boileau, 1910, by monotypy. Synonymy by Arrow (1938).

Tribe Noseolucanini Huang & Chen, 2013

(1 genus)

Noseolucanus Araya & Tanaka, 1998 [2 species]. Type species *Noseolucanus rugosus* Araya & Tanaka, 1998 (= *Noseolucanus denticulus* (Boucher, 1995)), by original designation.

Tribe Odontolabini Parry, 1870

(4 genera)

Calcodes Westwood, 1834 [4 species]. Type species *Lucanus aeratus* Hope, 1833, by monotypy. Note: Burmeister (1847) incorrectly spelt *Calcodes* as “*Chalcodes*”.

Heterochthes Westwood in Parry, 1864 [2 species]. Type species *Heterochthes brachypterus* Westwood, 1864, by monotypy.

Neolucanus Thomson, 1862 (not *Neolucanus* Didier & Séguy, 1952) [84 species and 25 additional subspecies]. Type species *Odontolabis baladeva* Hope, 1842, by original designation.

Anodontolabis: Parry 1863. Unavailable name.

Odontolabis Hope, 1842 [68 species and 22 additional subspecies]. Type species *Lucanus delessertii* Guérin-Ménéville, 1843, by subsequent designation of Arrow (1950). Note: Harold (1868) incorrectly spelt *Odontolabis* as “*Odontolabus*”.

Anoplocnemus Hope, 1843. Type species *Lucanus burmeisteri* Hope, 1841, by original designation. Synonymy by Harold (1868).

Odontotyranus Séguy, 1955. Type species *Odontolabis striatus* Deyrolle, 1864, by original designation. Synonymy by Benesh (1960).

Tribe Platycerini Mulsant, 1842
(2 genera)

Platycerus Geoffroy, 1762 (60 species and 23 additional subspecies]. Type species *Scarabaeus caraboides* Linnaeus, 1758, by subsequent designation of MacLeay (1819).

Systemocerus Weise in Heyden *et al.*, 1883. Type species *Scarabaeus caraboides* Linnaeus, 1758, by subsequent designation of Landin (1957). Objective junior synonym of *Platycerus* Geoffroy, 1762.

Systemus Sharp & Muir, 1912 (not *Systemus* Loew, 1857, nor *Systemus* Eichelbaum, 1913). Type species *Scarabaeus caraboides* Linnaeus, 1758, by monotypy. Objective junior synonym of *Platycerus* Geoffroy, 1762.

†**Succiniplatycerus** Nikolajev, 1990 [1 species]. Type species *Platycerus berendti* Zang, 1905, by original designation.

Tribe Platyceroidini Paulsen & Hawks, 2008
(1 genus)

Platyceroides Benesh, 1946 [16 species]. Type species *Platycerus agassii* LeConte, 1861, by original designation.

Platyceroides (*Platyceropsis*) Benesh, 1946, as *Platyceropsis*. Type species *Platycerus keeni* Casey, 1895, by original designation. Status revised to *Platyceroides* (*Platyceropsis*) by Paulsen (2017b).

Platyceroides (*Praocerus*) Paulsen, 2017b. Type species *Platycerus latus* Fall, 1901, by original designation.

Tribe Sclerostomini Benesh, 1955
(36 genera)

Aegognathus Leuthner, 1883 [9 species]. Type species *Aegognathus waterhousei* Leuthner, 1883, by monotypy.

Altitatiayus Weinreich, 1960, as *Sclerostomus* (*Altitatiayus*) [7 species]. Type species *Sclerostomus rotundatus* Boileau, 1902, by original designation. Status revised to *Altitatiayus* by Grossi & Paulsen (2009).

Andinolucanus Arnaud & Bomans, 2006 [1 species]. Type species *Andinolucanus inesae* Arnaud & Bomans, 2006, by original designation.

Aphanognathus Heller, 1927 [3 species]. Type species *Aphanognathus minutigranosus* Heller, 1927, by original designation.

Apterocyclus Waterhouse, 1871 [5 species]. Type species *Apterocyclus honoluluensis* Waterhouse, 1871, by monotypy.

Apterodorcus Arrow, 1943 [2 species]. Type species *Lucanus bacchus* Hope, 1845, by monotypy.

Arnaudius Grossi & Bartolozzi, 2011 [3 species]. Type species *Sclerostomus koikei* Arnaud, Noguchi & Bomans, 2007, by original designation.

Auxicerus Waterhouse, 1883 [4 species]. Type species *Auxicerus platyceps* Waterhouse, 1883, by monotypy.

Calodaemon Boileau, 1897. Type species *Calodaemon multicolor* Boileau, 1897, by monotypy. Synonymy by van Roon (1910).

Caenolethrus Grossi & Paulsen, 2009 [1 species]. Type species *Sclerostomus varasi* Nagel, 1932, by original designation.

Cantharolethrus Thomson, 1862 [6 species and 2 additional subspecies]. Type species *Pholiodotus reichei* Hope, 1843 (= *Cantharolethrus luxerii luxerii* (Buquet, 1843)), by original designation. Note: Heller (1916) incorrectly spelt *Cantharolethrus* as “*Cantholethrus*”.

Charagmophorus Waterhouse, 1895a [2 species and 1 additional subspecies]. Type species *Charagmophorus lineatus* Waterhouse, 1895, by monotypy.

Chileistomus Weinreich, 1960, as *Sclerostomus* (*Chileistomus*) [1 species]. Type species *Lucanus cucullatus* Blanchard, 1842, by original designation. Status revised to *Chileistomus* by Grossi & Paulsen (2009).

Dorcus Didier, 1931 [3 species]. Type species *Dorcus bouvieri* Didier, 1931, by original designation.

Erichius Maes, 1992, as *Pycnosiphorus* (*Erichius*) [12 species and 2 additional subspecies]. Name was validated under Article 13.1.2 with Maes (1992) referencing a description of a species group by Weinreich (1958).

Dorcus (*Epipedus*) Solier, 1851. Type species *Lucanus caelatus* Blanchard, 1842, by subsequent designation of Didier & Séguy (1952). Not *Epipedus* Spinola, 1837, nor *Epipedus* Schönherr, 1842. Synonymy by Paulsen (2010).

Pycnosiphorus (Calvertius) Maes, 1992. Name was validated under Article 13.1.2 with Maes (1992) referencing a description of a species group by Weinreich (1958).

Pycnosiphorus (Weinreichiellus) Maes, 1992. Unavailable name (Maes (1992) referenced Weinreich (1958), but there was no description of the species group in Weinreich (1958)).

Pycnosiphorus (Neoepipedus) Özdikmen & Turgut, 2006. Unnecessary replacement name for *Dorcus (Epipedus)* Solier, 1851.

Geodorcus Holloway, 1996 [10 species]. Type species *Lucanus novaezealandiae* Hope, 1845, by original designation.

Hoplogonus Parry, 1876 [3 species]. Type species *Hoplogonus simsoni* Parry, 1876, by monotypy.

Incadorcus Arnaud & Bomans, 2006 [1 species]. Type species *Incadorcus zuger* Arnaud & Bomans, 2006, by original designation.

Leptinopterus Hope, 1838 [32 species]. Type species *Lucanus femoratus* Fabricius, 1775, by monotypy. *Psalicerus* Dejean, 1833 has precedence over *Leptinopterus* Hope, 1838, which is currently used as valid. An application to the Commission is necessary to conserve usage of the name *Leptinopterus* Hope (Bouchard *et al.* 2024), as the junior name appears not to have been used enough to satisfy Article 23.9.1.

Psalicerus Dejean, 1833. Type species *Lucanus femoratus* Fabricius, 1775, by subsequent designation of Bouchard *et al.* (2024). Synonymy by Harold (1868). Note: Gistel (1848) incorrectly spelt *Psalicerus* as “*Psallicerus*”.

Psalidostomus: Burmeister 1847 (not *Psalidostomus* Minding, 1832). Unavailable name.

Lissapterus Deyrolle in Parry, 1870 [10 species]. Type species *Dorcus howittanus* Westwood, 1863, by monotypy.

Lissotes Westwood, 1855 [29 species]. Type species *Lissotes menalcas* Westwood, 1855, by subsequent designation of Didier & Séguy (1953).

Macrocrates Burmeister, 1847 [4 species]. Type species *Lucanus bucephalus* Hope, 1845, by monotypy.

Metadorcinus Kriesche, 1922 [17 species]. Type species *Metadorcinus auritus* Kriesche, 1922, by monotypy.

Beneshius Weinreich, 1960. Type species *Sclerostomus cruentus* Burmeister, 1847, by original designation. Synonymy by Maes (1992).

Metadorcus Parry, 1870 [2 species]. Type species *Psalidostomus rotundatus* Parry, 1862, by monotypy.

Colocephalaria Didier, 1929. Type species *Platycerus ebeninus* Deyrolle, 1864, by original designation. Synonymy by Benesh (1946).

Montesinus Grossi, 2016 [3 species]. Type species *Montesinus monnei* Grossi, 2016, by original designation.

Onorelucanus Bartolozzi & Bomans, 1989 [8 species]. Type species *Onorelucanus aequatorianus* Bartolozzi & Bomans, 1989, by original designation.

†**Paleognathus** Leuthner in Waga, 1883 [1 species]. Type species *Prismognathus succini* Waga, 1883, by monotypy. Note: Didier & Séguy (1953) incorrectly spelt *Paleognathus* as “*Palaeognathus*”.

Paralissotes Holloway, 1996 [7 species]. Type-species *Lucanus reticulatus* Westwood, 1844, by original designation.

Pseudodorcus Parry, 1870 [2 species]. Type species *Lucanus hydrophiloides* Hope, 1845, by monotypy.

Pseudoscortizus Arnaud, Noguchi & Bomans, 2008 [1 species]. Type species *Pseudoscortizus incredibilis* Arnaud, Noguchi & Bomans, 2008, by original designation.

Pycnosiphorus Solier, 1851, as *Dorcus (Pycnosiphorus)* [2 species and 4 additional subspecies]. Type species *Dorcus (Pycnosiphorus) mandibularis* Solier, 1851 (= *Pycnosiphorus lessonii mandibularis* (Solier, 1851)), by monotypy. Status revised to *Pycnosiphorus* by Arrow (1943).

Godartia Chenu, 1851 (not *Godartia* Lucas, 1842). Type species *Lucanus lessonii* Buquet, 1842, by monotypy. Synonymy by van Roon (1910). This may be a printer’s error (A.B.T. Smith, pers. comm. 2026).

Sclerodorcinus Soares & Grossi in Soares *et al.*, 2025 [4 species]. Type species *Sclerostomus wendyae* Arnaud & Bomans, 2006, by original designation.

Sclerostomulus Weinreich, 1960, as *Sclerostomus (Sclerostomulus)* [2 species]. Type species *Dorcus tuberculatus* Solier, 1851, by original designation. Status revised to *Sclerostomulus* by Grossi & Paulsen (2009).

Sclerostomus Burmeister, 1847 [10 species]. Replacement name for *Sclerognathus* Hope, 1845, not *Sclerognathus* Valenciennes, 1844.

Sclerognathus Hope, 1845. Type species *Sclerognathus costatus* Hope, 1845, by monotypy.

Hemicardanus Heller, 1927. Type species *Hemicardanus interruptocarimulatus* Heller, 1927, by original designation. Synonymy by Heller (1929).

Sclerostomus (*Sclerostominus*) Weinreich, 1960. Type species *Sclerostomus truncatus* Luederwaldt, 1934, by original designation. Synonymy by Grossi & Paulsen (2009).

Sclerostomus (*Stomosclerus*) Weinreich, 1960. Type species *Scortizus gounellei* Boileau, 1899, by original designation.

Scortizus Westwood, 1834 [4 species]. Type species *Pholidotus irroratus* Hope, 1833 (= *Scortizus maculatus* (Klug, 1825)), by monotypy.

Yumikoi Arnaud & Miyashita, 2006 [1 species]. Type species *Yumikoi makii* Arnaud & Miyashita, 2006, by original designation.

Zikanus Grossi & Paulsen, 2009 [1 species]. Type species *Sclerostomus aurocinctus* Boileau, 1899, by original designation.

Subfamily Paralucaninae Nikolajev, 2000 (1 genus)

†*Paralucanus* Nikolajev, 2000 [1 species]. Type species *Paralucanus mesozoicus* Nikolajev, 2000, by original designation.

Subfamily Litholampriminae Nikolajev, 2015 (1 genus)

†*Litholamprima* Nikolajev & Ren, 2015 [2 species]. Type species *Litholamprima longimana* Nikolajev & Ren, 2015, by original designation.

Family Trogidae MacLeay, 1819 (9 genera)

Subfamily Avitortorinae Nikolajev, 2007 (1 genus)

†*Avitortor* Ponomarenko, 1977 [1 species]. Type species *Avitortor primitivus* Ponomarenko, 1977, by original designation.

Subfamily Kresnikinae Tihelka, Huang & Cai, 2021 (1 genus)

†*Kresnikus* Tihelka, Huang & Cai, 2021 [1 species]. Type

species *Kresnikus beynoni* Tihelka, Huang & Cai, 2020, by original designation.

Subfamily Omorginae Nikolajev, 2005 (3 genera)

†*Cretomorgus* Nikolajev, 2007a [1 species]. Type species *Cretomorgus ikhbogdensis* Nikolajev, 2007, by original designation.

Omorgus Erichson, 1847 [150 species]. Type species *Trox suberosus* Fabricius, 1775, by subsequent designation of Lacordaire (1855).

Trox (*Chesas*) Burmeister, 1876. Type species *Trox pastillarius* Blanchard, 1847, by original designation. Synonymy by Vaurie (1962).

Trox (*Lagopelus*) Burmeister, 1876. Type species *Trox ciliatus* Blanchard, 1847, by original designation. Synonymy by Vaurie (1962).

Trox (*Megalotrox*) Preudhomme de Borre, 1886a. Type species *Trox gigas* Harold, 1872, by subsequent designation of Scholtz (1982). Synonymy by Vaurie (1962).

Omorgus (*Afromorgus*) Scholtz, 1986. Type species *Trox squalidus* Oliver, 1789, by original designation.

Omorgus (*Haroldomorgus*) Scholtz, 1986. Type species *Trox batesi* Harold, 1872, by original designation.

Polynoncus Burmeister, 1876, as *Trox* (*Polynoncus*) [38 species]. Type species *Trox pedestris* Harold, 1872, by subsequent designation of Scholtz (1986). Status revised to *Polynoncus* by Scholtz (1982).

Subfamily Troginae MacLeay, 1819 (4 genera)

Glyptotrox Nikolajev, 2016 [36 species and 2 additional subspecies]. Type species *Trox mandli* Balthasar, 1931, by original designation.

†*Paratrox* Nikolajev, 2009a [1 species]. Type species *Paratrox medvedevi* Nikolajev, 2009, by original designation.

Phoberus MacLeay, 1819 (not *Phoberus* Kirsch, 1873, *Phoberus* Milne-Edwards, 1881, nor *Phoberus* Raffray, 1904) [51 species and 1 additional subspecies]. Type species *Trox horridus* Fabricius, 1775, by monotypy.

Madagatrox Pittino, 2010. Type species *Madagatrox ranotsaraensis* Pittino, 2010, by original designation. Synonymy by Strümpher *et al.* (2016)

Trox Fabricius, 1775 [70 species and 2 additional subspecies]. Type species *Scarabaeus sabulosus* Linnaeus, 1758, by subsequent designation of Latreille (1810). Note: Füessly (1783) incorrectly spelt *Trox* as “*Throx*”.

Pseudotrox Robinson, 1948. Type species *Trox laticollis* LeConte, 1854, by original designation. Synonymy by Vaurie (1955).

Trox (*Granulitrox*) Nikolajev, 2016. Type species *Trox granulipennis* Fairmaire, 1852, by original designation.

Trox (*Niditrox*) Nikolajev, 2016. Type species *Trox evermannii* Krynicki, 1832, by original designation.

Family Glaresidae Prudhomme de Borre, 1886
(4 genera)

†**Aphodiites** Heer, 1865 [1 genus]. Type species *Aphodiites protogaeus* Heer, 1865, by monotypy.

†**Cretoglaresis** Nikolajev, 2007a [2 species]. Type species *Cretoglaresis nana* Nikolajev, 2007, by original designation.

Glaresis Erichson, 1848 [92 species and 1 additional subspecies]. Type species *Glaresis rufa* Erichson, 1848, by monotypy.

Eoglaresis Semenov-Tjan-Shansky & Medvedev, 1932. Type species *Glaresis oxiana* Semenov, 1892, by original designation. Synonymy by Pardo Alcaide (1958).

*Eoglaresis (*Eremoglaresis*)* Semenov-Tjan-Shansky & Medvedev, 1932. Type species *Glaresis beckeri* Solsky, 1870, by original designation. Synonymy by Martín-Piera & López-Colón (2000).

Afroglaresis Petrovitz, 1968a. Type species *Afroglaresis obscura* Petrovitz, 1968, by original designation. Synonymy by Scholtz *et al.* (1987).

†**Lithoglaresis** Nikolajev, 2007a [1 species]. Type species *Lithoglaresis ponomarenkoi* Nikolajev, 2007, by original designation.

Family Pleocomidae LeConte, 1861
(4 genera)

Subfamily Archescarabaeinae Nikolajev, 2010
(1 genus)

†**Archescarabaeus** Nikolajev, 2010a [1 species]. Type species *Archescarabaeus mesozoicus* Nikolajev, 2010, by original designation.

Subfamily Cretocominae Nikolajev, 2002
(1 genus)

†**Cretocoma** Nikolajev, 2002 [1 species]. Type species *Cretocoma tologoica* Nikolajev, 2002, by original designation.

Subfamily Pleocominae LeConte, 1861
(2 genera)

Pleocoma LeConte, 1856 [30 species and 6 additional subspecies]. Type species *Pleocoma fimbriata* LeConte, 1856, by monotypy.

†**Proteroscarabaeus** Grabau, 1923 [4 species]. Type species *Proteroscarabaeus yeni* Grabau, 1923, by original designation.

Family Bolboceratidae Mulsant, 1842
(47 genera)

Subfamily Athyreinae Lynch Arribálzaga, 1878
(5 genera)

†**Amberathyreus** Bai & Zhang in Bai *et al.*, 2017 [1 species]. Type species *Amberathyreus beuteli* Bai & Zhang, 2017, by original designation.

Athyreus MacLeay, 1819 [47 species]. Type species *Athyreus bifurcatus* MacLeay, 1819, by subsequent designation of Howden & Martínez (1963).

Glyptus: Hofmannsegg 1818. Name suppressed by International Commission on Zoological Nomenclature (1985).

Neoathyreus Howden & Martínez, 1963 [71 species]. Type species *Athyreus tridentatus* MacLeay, 1819, by original designation.

Neoathyreus (*Mesoathyreus*) Howden, 2006. Type species *Neoathyreus (*Mesoathyreus*) guyanensis* Howden, 2006, by original designation.

Parathyreus Howden & Martínez, 1963 [6 species]. Type species *Athyreus trituberculatus* Klug, 1843, by original designation.

Pseudoathyreus Howden & Martínez, 1963 [11 species]. Type species *Athyreus porcatus* Laporte, 1840, by original designation.

Tribe Bolbelasmini Iablokoff-Khznorian, 1977
(3 genera)

Bolbogonium Boucomont, 1911, as *Bolboceras* (*Bolbogonium*) [13 species]. Type species *Bolboceras triangulus* Westwood, 1852, by original designation. Status revised to *Bolbogonium* by Krikken (1977b).

Bolbotrypes d'Olsoufieff, 1908 [1 species]. Type species *Bolboceras davidis* Fairmaire, 1891, by original designation.

Eucanthus Westwood, 1848a, as *Bolboceras* (*Eucanthus*) [42 species and 1 additional subspecies]. Type species *Scarabaeus meliboeus* Fabricius, 1792 (= *Eucanthus* (*Eucanthus*) *lazarus* (Fabricius, 1775)), by monotypy. Status revised to *Eucanthus* by Boucomont (1911).

Eucanthus (Bolbelasmus) Boucomont, 1911, as *Bolbelasmus*. Type species *Bolbocerus bocchus* Erichson, 1841, by subsequent designation of Sharp (1912). Status revised to *Eucanthus (Bolbelasmus)* by Moctezuma *et al.* (2024).

Eucanthus (Kolbeus) Boucomont, 1911, as *Kolbeus*. Type species *Bolboceras coreanus* Kolbe, 1886, by subsequent designation of Lucas (1920). Status revised to *Eucanthus (Kolbeus)* by Moctezuma *et al.* (2024).

Subfamily Bolboceratinae Mulsant, 1842
(39 genera)

Tribe Bolboceratini Mulsant, 1842
(8 genera)

Australobolbus Howden & Cooper, 1977 [50 species and 2 additional subspecies]. Type species *Bolboceras obscurium* Blackburn, 1904, by original designation.

Blackbolbus Howden & Cooper, 1977 [31 species]. Type species *Bolboceras taurus* Westwood, 1848, by original designation.

Blackburnium Boucomont, 1911, as *Bolboceras* (*Blackburnium*) [29 species and 1 additional subspecies]. Type species *Bolboceras reichei* Guérin-Méneville, 1829, by original designation. Status revised to *Blackburnium* by Howden (1954).

Bolbobaineus Howden & Cooper, 1977 [1 species]. Type species *Bolboceras planiceps* Macleay, 1873, by original designation.

Bolbocerastes Cartwright, 1953 [4 species and 1 additional subspecies]. Type species *Bolbocerastes regalis* Cartwright, 1953, by original designation.

Bolboleaus Howden & Cooper, 1977 [14 species]. Type species *Bolboceras truncatum* Blackburn, 1904, by original designation.

Bradycinetulus Cockerell, 1906 [3 species]. Replacement name for *Bradycinetus* Horn, 1871, not *Bradycinetus* Sars, 1865, nor *Bradycinetus* Schaufuss, 1882.

Amechanus Horn, 1870. Type species *Scarabaeus ferrugineus* Palisot de Beauvois, 1809, by subsequent designation of Boucomont (1902). Note: Boucomont (1902) incorrectly spelt *Amechanus* as “*Amenchamus*”.

Bradycinetus Horn, 1871. Replacement name for *Amechanus* Horn, 1870, not *Amechanus* Thomson, 1864.

Prototrupes Krikken, 1977a [2 species]. Type species *Bolboceras copridoides* Kolbe, 1907, by original designation.

Tribe Bolbochromini Nikolajev, 1970
(2 genera)

Bolbocerodema Nikolajev, 1973 [7 species]. Type species *Bolboceras nigroplagiatum* Waterhouse, 1875, by original designation.

Bolbochromus Boucomont, 1909, as *Bolboceras* (*Bolbochromus*) [29 species]. Type species *Bolboceras laetus* Westwood, 1852, by subsequent designation of Paulian (1945). Status revised to *Bolbochromus* by Boucomont (1912).

Bolbochromus (Bolbochromops) Krikken & Li, 2013. Type species *Bolboceras ludekingi* Lansberge, 1886, by original designation.

Bolbochromus (Metabolbochromus) Krikken & Li, 2013. Type species *Scarabaeus sulcicollis* Wiedemann, 1819, by original designation.

Tribe Eubolbitini Nikolajev, 1970
(3 genera)

Bolboceratops Krikken, 1978, as *Mimobolbus* (*Bolboceratops*) [8 species]. Type species *Bolboceras indicus* Westwood, 1848, by original designation. Status revised to *Bolboceratops* by Krikken (1984).

Bolbohamatum Krikken, 1980 [14 species and 2 additional subspecies]. Type species *Scarabaeus cyclops* Olivier, 1789, by original designation.

Eubolbitus Reitter, 1892 [4 species]. Type species *Bolboceras radoszkovskii* Solsky, 1876, by monotypy.

Tribe Gilletinini Nikolajev, 1990

(1 genus)

Gilletinus Boucomont, 1932 [12 species]. Type species *Bolboceras multicostatum* Lansberge, 1885, by original designation.

Tribe Odonteini Streubel, 1846

(24 genera)

Bolbaffer Vulcano, Martínez & Pereira, 1969 [17 species]. Type species *Bolboceras princeps* Kolbe, 1894, by original designation

Bolbaffroides Nikolajev, 1979, as *Bolbaffer* (*Bolbaffroides*) [6 species and 1 additional subspecies]. Type species *Bolboceras validus* Klug, 1843, by original designation. Status revised to *Bolbaffroides* by Krikken (1984).

Bolbapium Boucomont, 1911, as *Bolboceras* (*Bolbapium*) [24 species]. Type species *Bolboceras striatopunctatus* Laporte, 1840, by original designation. Status revised to *Bolbapium* by Howden (1954).

Bolbocaffer Vulcano, Martínez & Pereira, 1969 [22 species]. Type species *Bolboceras sansibaricum* Kolbe, 1894, by original designation.

Bolboceras Kirby, 1819 [36 species]. Type species *Scarabaeus quadridens* Fabricius, 1781, by subsequent designation of International Commission on Zoological Nomenclature (2006). Note: Stephens (1829) incorrectly spelt *Bolboceras* as “*Bolbocerus*”, and Heer (1841) incorrectly spelt *Bolboceras* as “*Bulboceras*”.

Indobolbus Nikolajev, 1979. Type species *Scarabaeus quadridens* Fabricius, 1781, by original designation. Objective junior synonym of *Bolboceras* Kirby.

Bolboceratex Krikken, 1984 [8 species]. Type species *Bolboceras posticatum* Boheman, 1860, by original designation.

Bolbodius Krikken, 1984. Type species *Scarabaeus coryphaeus* Fabricius, 1775, by original designation. Synonymy by Gussmann & Scholtz (2000).

Bolbocerooides Vulcano, Martínez & Pereira, 1969 [1 species]. Type species *Bolboceras capensis* Klug, 1843, by original designation.

Bolbocerosoma Schaeffer, 1906 [13 species and 1 additional subspecies]. Type species *Scarabaeus farctus* Fabricius, 1775, by original designation.

Bolborhachium Boucomont, 1911, as *Bolboceras* (*Bolborhachium*) [25 species]. Type species *Athyreus*

recticornis Guérin-Méneville, 1838, by original designation. Status revised to *Bolborhachium* by Howden (1954).

Bolborhinum Boucomont, 1911, as *Bolborceras* (*Bolborhinum*) [8 species]. Type species *Bolboceras tubericeps* Fairmaire, 1856, by original designation. Status revised to *Bolborhinum* by Martínez (1976).

Bolborhombus Cartwright, 1953 [5 species]. Type species *Bolboceras schaefferi* Boucomont, 1911 (= *Bolborhombus sallaei* (Bates, 1887)), by original designation.

Bolbothyreus Howden, 1973b [1 species]. Type species *Athyreus ruficollis* Bruch, 1925, by original designation.

Elephastomus MacLeay, 1819 [6 species and 1 additional subspecies]. Type species *Scarabaeus proboscideus* Schreibers, 1802, by monotypy. Note: Berthold (1827) incorrectly spelt *Elephastomus* as “*Elephastoma*”, and Agassiz (1846) used the unjustified emendation “*Elaphastomus*”.

Halffterobolbus Martínez, 1976 [2 species]. Type species *Bolboceras riojanum* Martínez, 1951, by original designation.

Meridiobolbus Krikken, 1984 [3 species]. Type species *Bolboceras hebes* Péringuey, 1908, by original designation.

Mimobolbus Vulcano, Martínez & Pereira, 1969 [24 species]. Type species *Bolboceras ornatellum* Péringuey, 1901, by original designation.

Microbolbus Vulcano, Martínez & Pereira, 1969. Type species *Microbolbus decoratus* Vulcano, Martínez & Pereira, 1969, by original designation. Synonymy by Krikken (1984).

Namibiobolbus Krikken, 1984 [3 species]. Type species *Bolboceras iphicles* Kolbe, 1907, by original designation.

Namibiotrupes Krikken, 1977a [3 species]. Type species *Namibiotrupes penrithae* Krikken, 1977, by original designation.

Bolboceratellus Krikken, 1984. Type species *Bolboceras auspicatum* Péringuey, 1901, by original designation. Synonymy by Gussmann & Scholtz (2000).

Odonteus Samouelle, 1819 (not *Odonteus* Agassiz, 1835) [13 species]. Type species *Scarabaeus mobilicornis* Fabricius, 1775 (= *Odonteus armiger* (Scopoli, 1772)), by monotypy. Note: Dejean (1821) incorrectly spelt *Odonteus* as “*Odontaeus*”.

Parabolbapium Ide & Martínez, 1994 [1 species].
Type species *Parabolbapium aequatoriensis* Ide & Martínez, 1994, by original designation.

Pereirabolbus Martínez, 1976, as *Bolborhinum* (*Pereirabolbus*) [2 species]. Type species *Bolboceras castaneum* Klug, 1845 by original designation. Status revised to *Pereirabolbus* by Mondaca & Smith (2008).

Socotrabolbus Cambefort, 1998 [1 species]. Type species *Socotrabolbus camui* Cambefort, 1998, by original designation.

Somalobolbus Carpaneto, Mignani & Piattella, 1992 [1 species]. Type species *Somalobolbus benadirensis* Carpaneto, Mignani & Piattella, 1992, by original designation.

Zefevazia Martínez, 1954, as *Bolborhinum* (*Zefevazia*) [6 species]. Type species *Bolborhinum* (*Zefevazia*) *rosascostai* Martínez, 1954 by original designation. Status revised to *Zefevazia* by Mondaca & Smith (2008).

Tribe Stenaspidiini Nikolajev, 2003 (1 genus)

Stenaspidius Westwood, 1848b, as *Bolboceras* (*Stenaspidius*) [10 species]. Type species *Bolboceras* (*Stenaspidius*) *nigricornis* Westwood, 1848, by monotypy. Status revised to *Stenaspidius* by Lacordaire (1855).

Family Diphylostomatidae Holloway, 1972 (2 genera)

Diphylostoma Fall, 1901b [3 species]. Replacement name for *Phyllostoma* Fall, 1901, not *Phyllostoma* Cuvier, 1800, *Phyllostoma* Gray, 1838, nor *Phyllostoma* Kramer, 1876.

Phyllostoma Fall, 1901a. Type species *Phyllostoma fimbriata* Fall, 1901, by subsequent designation of Lucas (1920).

†**Prodiphylostoma** Yamamoto, 2024 [1 species]. Type species *Prodiphylostoma inexpectatum* Yamamoto, 2024, by original designation.

Family Geotrupidae Latreille, 1802 (33 genera)

Subfamily Geotrupinae Latreille, 1802 (31 genera)

Tribe Ceratotrupini Zunino, 1984 (8 genera)

Ceratotrupes Jekel, 1865, as *Geotrupes* (*Ceratotrupes*) [4 species]. Type species *Geotrupes fronticornis* Erichson, 1848, by original designation. Status revised to *Ceratotrupes* by Boucomont (1912). Note: Jacobsohn (1892) incorrectly spelt *Ceratotrupes* as “*Ceratotrypes*”.

Cnemotrupes Jekel, 1865, as *Geotrupes* (*Cnemotrupes*) [9 species and 1 additional subspecies]. Type species *Scarabaeus blackburnii* Fabricius, 1781, by original designation. Status revised to *Cnemotrupes* by Zunino (1984a). Note: Jacobsohn (1892) incorrectly spelt *Cnemotrupes* as “*Cnemotrypes*”.

Geotrupes (*Onychotrupes*) Jekel, 1865. Type species *Scarabaeus splendidus* Fabricius, 1775, by original designation. Synonymy by Zunino (1984a). Note: Jacobsohn (1892) incorrectly spelt *Onychotrupes* as “*Onychotrypes*”.

Geohowdenius Zunino, 1984a [2 species]. Type species *Scarabaeus egeriei* Germar, 1823, by original designation.

Halffterius Zunino, 1984a [1 species]. Type species *Geotrupes* (*Cnemotrupes*) *rufoclavatus* Jekel, 1865, by original designation.

Haplogeotrupes Nikolajev, 1979, as *Geotrupes* (*Haplogeotrupes*) [2 species and 2 additional subspecies]. Type species *Geotrupes guatemalensis* Bates, 1887, by original designation. Status revised to *Haplogeotrupes* by Zunino (1984a).

Mycotrupes LeConte, 1866, as *Geotrupes* (*Mycotrupes*) [5 species]. Type species *Geotrupes* (*Mycotrupes*) *retusus* LeConte, 1866, by monotypy. Status revised to *Mycotrupes* by Olson & Hubbell (1954). Note: Jacobsohn (1892) incorrectly spelt *Mycotrupes* as “*Mycotrypes*”.

Onthotrupes Howden, 1964, as *Geotrupes* (*Onthotrupes*) [9 species]. Type species *Geotrupes ontidipes* Bates, 1887, by original designation. Status revised to *Onthotrupes* by Zunino (1984a).

Peltotrupes Blanchard, 1888, as *Geotrupes* (*Peltotrupes*) [2 species and 1 additional subspecies]. Type species *Geotrupes chalybaeus* LeConte, 1878 (= *Peltotrupes profundus profundus* Howden, 1952), by monotypy. Status revised to *Peltotrupes* by Howden (1955). Note: Boucomont (1911) incorrectly spelt *Peltotrupes* as “*Peltotrypes*”.

Tribe Cretogeotrupini Nikolajev, 1996
(2 genera)

†**Cretogeotrupes** Nikolajev, 1992 [2 species]. Type species *Cretogeotrupes convexus* Nikolajev, 1992, by original designation.

†**Lithogeotrupes** Nikolajev, 2008 [1 species]. Type species *Lithogeotrupes confusus* Nikolajev, 2008, by original designation.

Tribe Enoplotrupini Paulian, 1945
(4 genera)

Chelotrupes Jekel, 1866, as *Geotrupes (Chelotrupes)* [10 species]. Type species *Scarabaeus momus* Olivier, 1789, by original designation. Status revised to *Chelotrupes* by Dellacasa & Dellacasa (2008). Note: Jacobsohn (1892) incorrectly spelt *Chelotrupes* as “*Chelotrypes*”.

Enoplotrupes Lucas, 1869 [27 species and 1 additional subspecies]. Type species *Enoplotrupes sinensis* Lucas, 1869, by monotypy. Note: Fairmaire (1886) incorrectly spelt *Enoplotrupes* as “*Enoplotrypes*”.

Enoplotrupes (Gynoplotrupes) Oberthür, 1883, as *Gynoplotrupes*. Type species *Gynoplotrupes bieti* Oberthür, 1883, by monotypy. Status revised to *Enoplotrupes (Gynoplotrupes)* by Jacobsohn (1892). Note: Jacobsohn (1892) incorrectly spelt *Gynoplotrupes* as “*Gynoplotrypes*”.

Gynaecoplotrupes Boucomont, 1912. Unnecessary replacement name.

Enoplotrupes (Tyrannotrupes) Král, Malý & Schneider, 2012. Type species *Enoplotrupes (Tyrannotrupes) tyrannus* Král, Malý & Schneider, 2012, by original designation.

Phelotrupes Jekel, 1866, as *Geotrupes (Phelotrupes)* [76 species and 11 additional subspecies]. Type species *Geotrupes orientalis* Westwood, 1839, by original designation. Status revised to *Phelotrupes* by Zunino (1984a). Note: Jacobsohn (1892) incorrectly spelt *Phelotrupes* as “*Phelotrypes*”.

Phelotrupes (Chromogeotrupes) Bovo & Zunino, 1983, as *Chromogeotrupes*. Type species *Geotrupes auratus* Motschulsky, 1857, by original designation. Status revised to *Phelotrupes (Chromogeotrupes)* by Král *et al.* (2001).

Phelotrupes (Eogeotrupes) Bovo & Zunino, 1983, as *Eogeotrupes*. Type species *Geotrupes laevistriatus* Motschulsky, 1857, by original designation. Status revised to *Phelotrupes (Eogeotrupes)* by Král *et al.* (2001).

Phelotrupes (Sinogeotrupes) Bovo & Zunino, 1983, as *Sinogeotrupes*. Type species *Geotrypes substriatellus* Fairmaire, 1897, by original designation. Status revised to *Phelotrupes (Sinogeotrupes)* by Král *et al.* (2001).

Typhaeus Leach, 1815 (not *Typhaeus* Beddard, 1888) [4 species]. Type species *Scarabaeus typhoeus* Linnaeus, 1758, by monotypy. Note: Heer (1841) incorrectly spelt *Typhaeus* as “*Typhoeus*”.

Armideus Villa, 1833. Type species not defined but included *Scarabaeus typhoeus* Linnaeus, 1758. Synonymy by Boucomont (1912). Note: Boucomont (1912) incorrectly spelt *Armideus* as “*Armidens*”.

Mesotrypes Jacobsohn, 1892, as *Thorectes (Mesotrypes)*. Type species *Geotrupes lateridens* Guérin-Méneville, 1838, by monotypy. Synonymy by Boucomont (1902).

Minotaurus Mulsant & Godart, 1855. Type species not defined but included *Scarabaeus typhoeus* Linnaeus, 1758. Synonymy by Boucomont (1902).

Tribe Geotrupini Latreille, 1802
(16 genera)

Allotrypes François, 1904, as *Geotrypes (Allotrypes)* (not *Allotrypes* Bezzi, 1920) [1 species]. Type species *Geotrupes (Thorectes) mandibularis* Reitter, 1896, by original designation. Status revised to *Allotrypes* by Baraud (1985). Note: Boucomont (1912) incorrectly spelt *Allotrypes* as “*Allotrupes*”.

Anoplotrupes Jekel, 1866, as *Geotrupes (Anoplotrupes)* [3 species]. Type species *Scarabaeus sylvaticus* Panzer, 1795 (= *Anoplotrupes stercorosus* (Hartmann 1791)), by original designation. Status revised to *Anoplotrupes* by Baraud (1977). Note: Jacobsohn (1892) incorrectly spelt *Anoplotrupes* as “*Anoplotrypes*”.

Geotrupes (Melanotrupes) Blanchard, 1888. Type species *Geotrupes (Melanotrupes) hornii* Blanchard, 1888, by monotypy. Synonymy by Boucomont (1902).

Baraudia López-Colón, 1996 [1 species]. Type species *Geotrupes geminatus* Gené, 1839, by original designation.

Ceratophyus Fischer, 1824 [16 species]. Type species *Scarabaeus dispar* Fabricius, 1781 (= *Ceratophyus polyceros* (Pallas, 1771)), by monotypy. Note: Heer (1841) incorrectly spelt *Ceratophyus* as “*Ceratophius*”.

Geotrupes Latreille, 1797 [28 species]. Type species *Scarabaeus stercorarius* Linnaeus, 1758, by

subsequent designation of Latreille (1810). Note: Agassiz (1846) used the unjustified emendation “*Geotrypes*”.

Geotrupes (Glyptogeotrupes) Nikolajev, 1979. Type species *Geotrupes impressus* Gebler, 1841, by original designation.

Epigeotrupes Bovo & Zunino, 1983. Type species *Geotrupes kuluensis* Bates, 1891, by original designation. Synonymy by Nikolajev (2004).

Geotrupes (Stereopyge) Costa, 1847, as *Streopuge*. Type species *Geotrupes (Streopuge) siculus* Costa, 1847 (= *Geotrupes (Streopuge) douei* Gory, 1841), by monotypy. Note: Jacobsohn (1892) incorrectly spelt *Streopuge* as “*Stereopyge*”; the latter is in common usage.

Canthotrupes Jekel, 1866, as *Geotrupes (Canthotrupes)*. Type species *Geotrupes douei* Gory, 1841, by original designation. Synonymy by Boucomont (1902).

Jekelius López-Colón, 1989, as *Thorectes (Jekelius)* [28 species and 3 additional subspecies]. Type species *Scarabaeus intermedius* Costa, 1839, by original designation. Status revised to *Jekelius* by López-Colón (1996).

Jekelius (Reitterius) López-Colón, 1996. Type species *Geotrupes (Thorectes) punctulatus* Jekel, 1865, by monotypy.

Jekelius (Rudolfpetrovitzia) Rey & López-Colón, 2003. Replacement name for *Jekelius (Petrovitzia)* López-Colón, 1995, not *Petrovitzia* Mikšič, 1965.

Jekelius (Petrovitzia) López-Colón, 1996. Type species *Scarabaeus marginatus* Poiret, 1787, by original designation.

Megatrupes Zunino, 1984a [2 species]. Type species *Geotrupes cavicollis* Bates, 1887, by original designation.

Odontotrupes Fairmaire, 1887, as *Geotrupes (Odontotrupes)* [99 species and 5 additional subspecies]. Type species *Geotrupes (Odontotrupes) impressiusculus* Fairmaire, 1887, by subsequent designation of Nikolaev (1977). Status revised to *Odontotrupes* by Král *et al.* (2001). Note: Nikolajev (1977) incorrectly spelt *Odontotrupes* as “*Odontotrupes*” and Nikolajev (2013) incorrectly spelt *Odontotrupes* as “*Odonthotrupes*”.

Odontotrupes (Odontotrupes) Boucomont, 1904, as *Geotrupes (Odontotrupes)*. Type species *Geotrupes (Ceratotrupes) orichalceus* Fairmaire, 1895 by

original designation. Status revised to *Odontotrupes (Odontotrupes)* by Nikolajev *et al.* (2016).

Bootrypes Boucomont, 1911. Unnecessary replacement name for *Odontotrupes* Boucomont, 1904. Note: Boucomont (1912) incorrectly spelt *Bootrypes* as “*Bootrupes*”.

Odontotrupes (Thorectomimus) Nikolajev, 2009c. Type species *Geotrupes semenowi* Reitter, 1887, by original designation.

†***Parageotrupes*** Nikolajev & Ren, 2010b [1 species]. Type species *Parageotrupes incanus* Nikolajev & Ren, 2010, by original designation.

Pseudotrypocopriss Mikšič, 1954, as *Geotrupes (Pseudotrypocopriss)* [1 species]. Type species *Geotrupes amedei* Fairmaire, 1861, by original designation. Status revised to *Pseudotrypocopriss* by Ziani (2001).

Renaudtrupes López-Colón, 2006 [1 species]. Replacement name for *Renaudia* López-Colón, 1996, not *Renaudia* Racheboeuf, 1976. Status revised to *Renaudtrupes* by Löbl & Löbl (2016).

Thorectes (Renaudia) López-Colón, 1996. Type species *Thorectes distinctus* Marseul, 1878, by original designation.

Sericotrupes Zunino, 1984a [1 species]. Type species *Scarabaeus niger* Marsham, 1802, by original designation.

Silphotrupes Jekel, 1866, as *Thorectes (Silphotrupes)* [3 species and 1 additional subspecies]. Type species *Geotrupes punctatissimus* Chevrolat, 1840, by original designation. Status revised to *Silphotrupes* by López-Colón (1996). Note: Jacobsohn (1892) incorrectly spelt *Silphotrupes* as “*Silphotrypes*”, and Boucomont (1902) incorrectly spelt *Silphotrupes* as “*Sylphotrupes*”.

Thorectes Mulsant, 1842 [27 species and 1 additional subspecies]. Type species *Scarabaeus laevigatus* Fabricius, 1798, by subsequent designation of International Commission on Zoological Nomenclature (2018). Note: Agassiz (1846) used the unjustified emendation “*Thorectus*”.

Trypocopriss Motschulsky, 1859 [7 species and 7 additional subspecies]. Type species *Scarabaeus vernalis* Linnaeus, 1758, by monotypy.

Silotrupes Mulsant & Rey, 1870. Type species *Silotrupes epistomalis* Mulsant & Rey, 1870 (= *Trypocopriss (Trypocopriss) alpinus alpinus* (Sturm & Hagenbach, 1825)), by monotypy. Synonymy

by Croissandeau (1892). Note: Jacobsohn (1892) incorrectly spelt *Silotrupes* as “*Silotrypes*”.

Geotrupes (*Sternotrupes*) Jekel, 1866. Type species *Scarabaeus vernalis* Linnaeus, 1758, by original designation. Objective junior synonym of *Trypocopris* Motschulsky. Note: Jacobsohn (1892) incorrectly spelt *Sternotrupes* as “*Sternotrypes*”.

***Trypocopris* (*Lethrotrypes*)** Jacobsohn, 1892, as *Throectes* (*Lethrotrypes*). Type species *Geotrupes inermis* Ménétriés, 1832, by subsequent designation of Baraud (1992). Status revised to *Trypocopris* (*Lethrotrypes*) by López-Colón (1994). Note: Boucomont (1902) incorrectly spelt *Lethrotrypes* as “*Lethrotrupes*”.

Parathorectes López Colón & Bahillo de la Puebla, 2022. Type species *Parathorectes pueblai* López Colón & Bahillo de la Puebla, 2022 (= *Trypocopris* (*Lethrotrypes*) *inermis* (Ménétriés, 1832)), by original designation. Synonymy by Shokhin *et al.* (2024).

Zuninoeus López-Colón, 1989, as *Thorectes* (*Zuninoeus*) [1 species]. Type species *Scarabaeus hoppei* Sturm & Hagenbach, 1825, by original designation. Status revised to *Zuninoeus* by López-Colón (1996).

Tribe Lethrini Oken, 1843 (1 genus)

Lethrus Scopoli, 1777 [132 species and 4 additional subspecies]. Type species *Lucanus apterus* Laxmann, 1770, by subsequent designation of Boucomont (1902).

Bulbocerus Acharius, 1781. Type species *Scarabaeus cephalotes* Pallas, 1771 (misidentified), by monotypy. Synonymy by Boucomont (1902).

Clunipes Hochenwarth, 1785. Type species *Clunipes scarabaeoides* Hochenwarth, 1785 (= *Lethrus* (*Lethrus*) *apterus* (Laxmann, 1770)), by monotypy. Synonymy by Boucomont (1902).

Lethrus (*Goniolethrus*) Semenov, 1894. Type species *Lethrus brachiicollis* Fairmaire, 1855, by original designation. Synonymy by Nikolajev (1987).

***Lethrus* (*Ceratodirus*)** Fischer von Waldheim, 1845, as *Ceratodiri*. Type species *Scarabaeus cephalotes* Pallas, 1771, by subsequent designation of Semenov (1894).

***Lethrus* (*Abrognathus*)** Jakovlev, 1890. Type species *Lethrus tuberculifrons* Ballion, 1871, by monotypy.

Lethrus (*Microlethrus*) Semenov, 1894. Type species *Lethrus pygmaeus* Ballion, 1871, by original designation. Synonymy by Nikolajev (2003).

***Lethrus* (*Heteroplistodus*)** Jakovlev, 1890. Type species *Lethrus crenulatus* Gebler, 1845, by subsequent designation of Semenov (1894).

Lethrus (*Lethrulus*) Semenov, 1892. Type species *Lethrus cicatricosus* Reitter, 1889, by monotypy. Synonymy by Nikolajev (2003).

***Lethrus* (*Autolethrus*)** Semenov, 1892. Type species *Lethrus laevigatus* Ballion, 1870 (= *Lethrus* (*Autolethrus*) *scoparius* Fischer, 1820), by subsequent designation of Semenov (1894).

***Lethrus* (*Scelolethrus*)** Semenov, 1892. Type species *Lethrus rosmarus* Ballion, 1871, by subsequent designation of Semenov (1894).

***Lethrus* (*Teratolethrus*)** Semenov 1894. Type species *Lethrus sieversi* Koshantischikov, 1894, by original designation.

***Lethrus* (*Furcilethrus*)** Nikolajev, 1968. Type species *Lethrus furcatus* Jakovlev, 1890, by original designation.

***Lethrus* (*Neolethrus*)** Nikolajev, 1987. Type species *Lethrus arcanus* Medvedev, 1971, by original designation.

***Lethrus* (*Mesoletus*)** Nikolajev, 2003. Type species *Lethrus microbuccis* Ballion, 1871, by original designation.

***Lethrus* (*Paraletus*)** Nikolajev, 2003. Type species *Lethrus turkestanicus* Ballion, 1871, by original designation.

***Lethrus* (*Sinoletus*)** Bagaturov & Hillert, 2023. Type species *Lethrus serpentifer* Semenov-Tjan-Shansky & Medvedev, 1935, by original designation.

Subfamily Taurocerastinae Germain, 1897 (2 genera)

Frickius Germain, 1897 [2 species]. Type species *Frickius variolosus* Germain, 1897, by subsequent designation of Zunino (1984b).

Taurocerastes Philippi, 1866 [1 species]. Type species *Taurocerastes patagonicus* Philippi, 1866, by monotypy.

Family Passalopalpidae Boucher & Bai, 2016
(2 genera)

†*Mesoceratocanthus* Nikolajev, Wang, Liu & Zhang, 2010 [1 species]. Type species *Mesoceratocanthus tuberculifrons* Nikolajev, Wang, Liu & Zhang, 2010, by original designation.

†*Passalopalpus* Boucher & Bai in Boucher *et al.*, 2016 [1 species]. Type species *Passalopalpus cheni* Boucher & Bai, 2016, by original designation.

Family Passalidae Leach, 1815
(72 genera)

Subfamily Aulacocyclinae Kaup, 1868
(6 genera)

Tribe Aulacocyclini Kaup, 1868
(3 genera)

Aulacocyclus Kaup, 1868a [24 species]. Type species *Passalus edentulus* MacLeay, 1826, by subsequent designation of Gravely (1918).

Caulifer Kaup, 1871. Type species *Caulifer macleayi* Kaup, 1871 (= *Aulacocyclus edentulus* (MacLeay, 1827)), by monotypy. Synonymy by Gravely (1918).

Tristorthus Kuwert, 1896. Type species *Aulacocyclus tricuspis* Kaup, 1868, by subsequent designation of Hincks & Dibb (1935b). Synonymy by Gravely (1918).

Comacupes Kaup, 1871 [10 species and 1 additional subspecies]. Type species *Passalus cylindraceus* Perty, 1831, by subsequent designation of Gravely (1918).

Taeniocerus Kaup, 1871 (not *Taeniocerus* Blandford, 1893, nor *Taeniocerus* Dlabola, 1974) [6 species]. Type species *Passalus bicanthatus* Percheron, 1841, by subsequent designation of Gravely (1918). Note: Gravely (1918) incorrectly spelt *Taeniocerus* as “*Taenioers*”.

Tribe Ceracupedini Boucher, 2006
(1 genus)

Ceracupes Kaup, 1871 [4 species]. Type species *Passalus fronticornis* Westwood, 1841, by monotypy. Note: Arrow (1907) incorrectly spelt *Ceracupes* as “*Ceratocupes*”.

Tribe Cyllindrocaulini Zang, 1905
(2 genera)

†*Ceracyclus* Boucher & Bai in Boucher *et al.*, 2017 [2 species]. Type species *Ceracyclus lotus* Boucher, Bai & Montreuil, 2017, by original designation.

Cylindrocaulus Fairmaire, 1880 (not *Cylindrocaulus* Hoffmann, 1925) [4 species]. Type species *Cylindrocaulus bucerus* Fairmaire, 1880, by monotypy.

Auritulus Zang, 1905. Type species *Aulacocyclus patalis* Lewis, 1883, by monotypy. Synonymy by Gravely (1918). Note: Arrow (1907) incorrectly spelt *Auritulus* as “*Aurikulum*”, and Gravely (1914) incorrectly spelt *Auritulus* as “*Puritulus*”.

Subfamily Passalinae Leach, 1815
(66 genera)

Tribe Macrolinini Kaup, 1871
(21 genera)

Aceraius Kaup, 1868a [33 species]. Type species *Passalus grandis* Burmeister, 1847, by subsequent designation of Gravely (1918). Note: Kuwert (1891) incorrectly spelt *Aceraius* as “*Acerajus*”, and Zang (1905d) incorrectly spelt *Aceraius* as “*Aceraeus*”.

Analaches Kuwert, 1891 [3 species]. Type species *Analaches puberilis* Kuwert, 1891, by subsequent designation of Gravely (1918).

Austropassalus Mjöberg, 1917 [1 species]. Type species *Austropassalus hultgreni* Mjöberg, 1917, by monotypy.

Notocetius Hincks & Dibb, 1935a. Type species *Notocetius cornutus* Hincks & Dibb, 1935, by original designation. Synonymy by Hinks (1949).

Cacoius Boucher, 1993a [1 species]. Type species *Cacoius jacquesi* Boucher, 1993, by original designation.

Cetejus Kaup, 1871 [19 species]. Type species *Aceraius virginalis* Kaup, 1868, by subsequent designation of Gravely (1918). Note: Zang (1905e) incorrectly spelt *Cetejus* as “*Cetius*”.

Episphenus Kaup, 1871 [4 species]. Type species *Episphenus moorei* Kaup, 1871, by monotypy.

Laches Kaup, 1871 (not *Laches* Gistel, 1848, nor *Laches* Thorell, 1869). Type species *Aceraius comptoni* Kaup, 1868, by subsequent designation of Hincks & Dibb (1935b). The First Reviser for *Laches* Kaup, 1871 versus *Episphenus* Kaup, 1871 is Gravely (1914).

Chilomazus Zang, 1905a. Replacement name for *Laches* Kaup, 1871, not *Laches* Gistel, 1848, nor *Laches* Thorell, 1869. Synonymy by Hincks & Dibb (1935b).

Gonatas Kaup, 1871 (not *Gonatas* Distant, 1882) [14 species]. Type species *Passalus naviculator* Percheron, 1844, by subsequent designation of Gravely (1918). Note: Scudder (1882) incorrectly spelt *Gonatas* as “*Gonatus*”.

Omegarius Kuwert, 1896. Type species *Aceraius pumilio* Kaup, 1868, by subsequent designation of Hincks & Dibb (1935b). Synonymy by Gravely (1918).

Tatius Kuwert, 1896. Type species *Tatius odiosus* Kuwert, 1898, by subsequent monotypy of Kuwert (1898b). Synonymy by Gravely (1918).

Hincksius Boucher, 1993b [3 species]. Type species *Mastochilus papuanus* Hincks, 1956, by original designation.

Labienuus Kaup, 1871 [24 species]. Type species *Eriocnemis ptoxa* Kaup, 1868, by monotypy.

Vellejus Kaup, 1871. Type species *Passalus compergus* Boisduval, 1835, by subsequent designation of Hincks & Dibb (1935b).

Aurelius Kuwert, 1891. Type species *Aurelius dohrnii* Kuwert, 1891, by monotypy. Synonymy by Gravely (1918).

Hyperplesthenus Kuwert, 1898b. Type species *Hyperplesthenus impar* Kuwert, 1898, by monotypy. Synonymy by Gravely (1918). Note: Zang (1905e) incorrectly spelt “*Hyperplesthenus*” as “*Hyperplisthenes*”.

Kaupiolus Zang, 1903. Replacement name for *Vellejus* Kaup, 1871, not *Vellejus* Mannerheim, 1830, nor *Vellejus* Stål, 1865. Synonymy by Gravely (1918).

Kaupioloides Gravely, 1913. Type species *Kaupiolus trigonophorus* Zang, 1905, by original designation. Synonymy by Gravely (1918).

Macrolinus Kaup, 1868a [23 species and 1 additional subspecies]. Type species *Passalus latipennis* Percheron, 1841, by subsequent designation of Gravely (1918). Note: Kaup (1871) incorrectly spelt *Macrolinus* as “*Macrobius*”.

Serrulus Hong, 1983. Type species *Serrulus sinicus* Hong, 1983, by original designation. Synonymy by Zhang (1989).

Mastachilus Kaup, 1868a [6 species]. Type species *Passalus polyphyllus* MacLeay, 1826, by subsequent designation of Gravely (1918). Note: Kaup (1868b) incorrectly spelt *Mastachilus* as “*Mastochilus*”, and Kuwert (1896) incorrectly spelt *Mastachilus* as “*Mastolichus*”.

Episphenoides Kuwert, 1891. Type species *Passalus australasicus* Percheron, 1841, by subsequent designation of Hincks & Dibb (1935b). Synonymy by Gravely (1918).

Ophrygonius Zang, 1904 [30 species]. Type species *Ophrygonius quadrifur* Zang, 1904 (= *Ophrygonius inaequalis* (Burmeister, 1847)), by monotypy.

Epilaches Kuwert, 1891. Type species *Aceraius infantilis* Kaup, 1868 (= *Ophrygonius neelgherriensis* (Percheron, 1841)), by monotypy. Synonymy by Hincks & Dibb (1935b).

Heterochilus Kuwert, 1891 (not *Heterochilus* Creplin, 1841). Type species *Heterochilus crinitus* Kuwert, 1891, by monotypy.

Rhypsaspis Zang, 1905a. Replacement name for *Heterochilus* Kuwert, 1891, not *Heterochilus* Creplin, 1841. Synonymy by Hincks & Dibb (1935b).

Paratiberioides Iwase, 1994 [5 species]. Type species *Paratiberioides mirabilis* Iwase, 1994, by original designation.

Pelopides Kuwert, 1896, as *Pelops* (*Pelopides*) [9 species]. Type species *Pelopides gravidus* Kuwert, 1898, by subsequent designation of Gravely (1918). Status revised to *Pelopides* by Kuwert (1898b).

Ocythoe Laporte, 1840 (not *Ocythoe* Rafinesque, 1814). Type species *Passalus tridens* Wiedemann, 1823, by subsequent designation of Hincks & Dibb (1935b). Synonymy by Hincks & Dibb (1935b).

Eriocnemis Kaup, 1868. Type species *Passalus tridens* Wiedemann, 1823, by subsequent designation of Hincks & Dibb (1935b). Objective junior synonym of *Ocythoe* Laporte, 1840.

Phraortes Kuwert, 1896. Type species *Phraortes generosus* Kuwert, 1898 (= *Pelopides dorsalis* (Kaup, 1871)), by subsequent designation of Hincks & Dibb (1935b).

Parapelopides Zang, 1904. Type species *Parapelopides symmetricus* Zang, 1904, by monotypy. Synonymy by Gravely (1918).

Trapezochilus Zang, 1905a. Replacement name for *Phraortes* Kuwert, 1896, not *Phraortes* Stål, 1875. Synonymy by Gravely (1918).

Gnaphalocnemis Heller, 1907. Unnecessary replacement name for *Eriocnemis* Kaup, 1868, not *Eriocnemis* Reichenbach, 1849.

Pharochilus Kaup, 1868a [6 species]. Type species *Passalus dilatatus* Dalman, 1817, by subsequent designation of Gravely (1918).

Basilianus Kaup, 1871. Four species were initially included but no type species was initially (or subsequently) designated. Three of these species are currently placed in *Ophrygonius* (*Passalus cantori* Percheron, 1844, *Passalus inaequalis* Burmeister, 1847 and *Passalus neelgherriensis* Percheron, 1841), and one in *Pharochilus* (*Passalus cancrus* Percheron, 1844 = *Pharochilus dilatatus* (Dalman, 1817)). We here designate *Passalus cancrus* Percheron, 1844 as the type species of *Basilianus* Kaup, 1871, making it a **new synonym** of *Pharochilus* Kaup, 1868.

Tiberius Kuwert, 1891. Four species were initially included but no type species was initially (or subsequently) designated. Two of these species are currently placed in *Macrolinus* (*Basilianus andamanensis* Stoliczka, 1873 and *Basilianus sikkimensis* Stoliczka, 1873), and two in *Pharochilus* (*Tiberius caffer* Kuwert, 1891 and *Passalus cancrus* Percheron, 1844, both = *Pharochilus dilatatus* (Dalman, 1817)). We here designate *Passalus cancrus* Percheron, 1844 as the type species of *Tiberius* Kuwert, 1891, making it a **new synonym** of *Pharochilus* Kaup, 1868.

Plesthenus Kaup, 1871 [5 species and 1 additional subspecies]. Type species *Eriocnemis quadricornis* Kaup, 1868 (= *Plesthenus lottini lottini* (Boisduval, 1835)), by monotypy.

Embryulcus Zang, 1905a. Unnecessary replacement name for *Plesthenus* Kaup, 1871 (confused with *Plisthenes* Stål, 1864).

Pleurarius Kaup, 1868b [2 species]. Type species *Pleurarius pilipes* Kaup, 1868, by monotypy.

Protomocoelus Zang, 1905a [8 species]. Replacement name for *Pelops* Kaup, 1871, not *Pelops* Koch, 1835.

Pelops: Gistel 1834. Unavailable name.

Pelops Kaup, 1871. Type species *Passalus australis* Boisduval, 1835, by subsequent designation of Gravely (1918).

Pseudepisphenus Gravely, 1914 [9 species]. Type species *Pseudepisphenus perplexus* Gravely, 1914, by monotypy.

Tarquinus Kuwert, 1891 [1 species]. Type species *Tarquinus paradoxus* Kuwert, 1891, by monotypy.

Tiberioides Gravely, 1912 [4 species]. Type species *Tiberius kuwerti* Arrow, 1907, by subsequent designation of Gravely (1918).

Tribe Passalini Leach, 1815 (13 genera)

Ameripassalus Jiménez-Ferbans & Reyes-Castillo, 2014 [5 species]. Type species *Oileus guatemalensis* Kaup, 1869, by original designation.

Antillanax Boucher, 2015a [3 species]. Type species *Pertinax pertyi* Kaup, 1869, by original designation.

Aponelides Kuwert, 1896 [4 species]. Type species *Passalus punctatostratus* Percheron, 1835, by subsequent designation of Hincks & Dibb (1935b).

Lophocephalus Kuwert, 1896 (not *Lophocephalus* Costa, 1841, *Lophocephalus* Labbé, 1899, *Lophocephalus* Osório, 1906, nor *Lophocephalus* Benham, 1937). Type species *Rhodocanthopus mirabilis* Kuwert, 1898, by subsequent monotypy of Kuwert (1898a). Synonymy by Boucher (2015b).

Severus Kuwert, 1896. Type species *Severus manlioides* Kuwert, 1898, by subsequent monotypy of Kuwert (1898a). Synonymy by Boucher (2015b).

Epipleurothrix Zang, 1905a [5 species]. Replacement name for *Trichopleurus* Kuwert, 1896, not *Trichopleurus* Motschulsky, 1860.

Trichopleurus Kuwert, 1896. Type species *Neleides punctulatus* Kaup, 1869, by subsequent designation of Hincks & Dibb (1935b).

Neleuops Kuwert, 1891 [4 species]. Type species *Neleuops rhodocanthopoides* Kuwert, 1891, by monotypy. Note: Hincks & Dibb (1935b) incorrectly spelt *Neleuops* as “*Neleuops*”.

Ninus Kaup, 1871. Type species *Passalus interstitialis* Eschscholtz, 1829, by subsequent designation of Hincks & Dibb (1935b).

Scalmus Zang, 1905a. Replacement name for *Ninus* Kaup, 1871, not *Ninus* Stål, 1859. Synonymy by Boucher (2015a).

Passalus Fabricius, 1792 [134 species and 2 additional subspecies]. Type species *Scarabaeus interruptus* Linnaeus, 1758, by subsequent designation of Latreille (1810).

Cupes: Voet 1766. Unavailable name.

Neleides Harold, 1868. Type species *Passalus affinis* Percheron, 1834, by subsequent designation of Brauer (1870). Synonymy by Gravely (1918).

Neleus Harold, 1868 (not *Neleus* Rafinesque, 1814, nor *Neleus* Desbonne & Schramm, 1867). Type species *Lucanus interruptus* Linnaeus, 1758, by subsequent designation of Hincks & Dibb (1935b). Synonymy by Luederwaldt (1931).

Petrejus Harold, 1868. Type species *Passalus mucronatus* Burmeister, 1847, by subsequent designation of Brauer (1870). Synonymy by Gravely (1918).

Vatinius Harold, 1868. Type species *Passalus toriferus* Eschscholtz, 1828 [as *torifer*], by subsequent designation of Hincks & Dibb (1935b).

Epiphanus Kaup, 1871. Type species *Passalus glaberrimus* Eschscholtz, 1828, by subsequent designation of Hincks & Dibb (1935b). Synonymy by Gravely (1918).

Eumelus Kaup, 1871 (not *Eumelus* Rafinesque, 1820). Type species *Passalus spinifer* Percheron, 1841, by subsequent designation of Hincks & Dibb (1935b).

Cassius Kuwert, 1891. Type species *Cassius pugionifer* Kuwert, 1891, by monotypy. Synonymy by Gravely (1918).

Lucilius Kuwert, 1891. Type species *Lucilius petrejoideus* Kuwert, 1891, by monotypy. Synonymy by Gravely (1918).

Pertinacides Kuwert, 1891. Type species *Passalus affinis* Percheron, 1835, by subsequent designation of Hincks & Dibb (1935b). Synonymy by Gravely (1918).

Tetraracus Kuwert, 1891. Type species *Passalus abortivus* Percheron, 1835, by subsequent designation of Hincks & Dibb (1935b). Synonymy by Gravely (1918). Note: Kuwert (1896) incorrectly spelt *Tetraracus* as “*Tetraracas*”.

Calidas Kuwert, 1896. Type species *Neleus transvaalensis* Kuwert, 1891, by subsequent monotypy of Kuwert (1898b). Synonymy by Hinks (1933).

Neleus (Flavius) Kuwert, 1896. Type species *Passalus unicornis* Le Peletier de Saint-Fargeau & Audinet-Serville, 1828, by subsequent designation of Hincks & Dibb (1935b). Synonymy by Gravely (1918).

Oeneus Kuwert, 1896. Type species *Neleus paucillius* Kuwert, 1891, by subsequent monotypy of Kuwert (1898b). Synonymy by Gravely (1918).

Neleus (Ptychotrichus) Kuwert, 1896. Type species *Passalus coniferus* Eschscholtz, 1829, by subsequent designation of Hincks & Dibb (1935b). Synonymy by Gravely (1918).

Synesius Kuwert, 1896. Type species *Petrejus alticola* Kirsch, 1885, by subsequent designation of Hincks & Dibb (1935b). Synonymy by Gravely (1918).

Thryptocerus Kuwert, 1896. Type species *Thryptocerus fracticornis* Kuwert, 1898 (= *Passalus (Passalus) plicatus* Percheron, 1835), by subsequent monotypy of Kuwert (1898a).

Alococerus Zang, 1905a. Replacement name for *Thryptocerus* Kuwert, 1896, not *Thryptocerus* Chaudoir, 1878. Synonymy by Gravely (1918).

Gnomon Zang, 1905a. Replacement name for *Eumelus* Kaup, 1871, not *Eumelus* Rafinesque, 1820. Synonymy by Gravely (1918).

Lasioperix Zang, 1905a. Replacement name for *Flavius* Kuwert, 1896, not *Flavius* Stål, 1862. Synonymy by Gravely (1918).

Zosterothrix Zang, 1905a. Replacement name for *Vatinius* Harold, 1868, not *Vatinius* Stål, 1865. Synonymy by Gravely (1918).

Procululus Zang, 1905d. Type species *Procululus inca* Zang, 1905, by monotypy. Synonymy by Hincks & Dibb (1935b).

Passalus (Pertinax) Harold, 1868. Type species *Passalus convexus* Dalman, 1817, by subsequent designation of Hincks & Dibb (1935b).

Epipertinax Kuwert, 1891. Type species *Passalus pelliculatus* Perty, 1830 (= *Passalus (Pertinax) convexus* Dalman, 1817), by subsequent monotypy of Kuwert (1898a). Synonymy by Boucher (2015b).

Valerius Kuwert, 1891. Type species *Valerius dimidiatifrons* Kuwert, 1891, by subsequent designation of Hincks & Dibb (1935b). Synonymy by Boucher (2015b).

Morosophus Kuwert, 1896. Type species *Passalus morio* Percheron, 1835, by subsequent designation of Hincks & Dibb (1935b). Synonymy by Gravely (1918).

Parapertinax Kuwert, 1896. Type species *Pertinax minutissimus* Kuwert, 1891 (= *Passalus (Pertinax) dubitans* Kuwert, 1891), by subsequent designation

of Hincks & Dibb (1935b). Synonymy by Gravely (1918).

Phanocles Kuwert, 1896. Type species *Phanocles nudus* Kuwert, 1898 (= *Passalus jansonii* (Bates, 1886)), by subsequent monotypy of Kuwert (1898a).

Psilomus Zang, 1905a. Replacement name for *Phanocles* Kuwert, 1896, not *Phanocles* Stål, 1875. Synonymy by Boucher (2015b).

Passalus (Mitrorhinus) Kaup, 1871, as *Mitrorhinus*. Type species *Passalus punctifrons* Dejean, 1836 (= *Passalus (Mitrorhinus) caylor* Percheron, 1835), by monotypy. Status revised to *Passalus (Mitrorhinus)* by Hincks & Dibb (1953).

Passipassalus Fonseca & Reyes-Castillo, 1993 [5 species]. Type species *Passipassalus buhrnheimi* Fonseca & Reyes-Castillo, 1993, by original designation.

Paxillus MacLeay, 1819 (not *Paxillus* König, 1825) [20 species]. Type species *Paxillus leachii* MacLeay, 1819, by subsequent designation of Gravely (1918). Note: Percheron (1835) incorrectly spelt *Paxillus* as “*Paexiles*”.

Paxilloides Kuwert, 1890. Type species *Paxilloides schmidti* Kuwert, 1890 (= *Paxillus pentaphyllus* (Palisot de Beauvois, 1805)), by subsequent designation of Hincks & Dibb (1935b). Synonymy by Luederwaldt (1931).

Paxillosomus Kuwert, 1896. Type species *Passalus pentaphyllus* Palisot de Beauvois, 1805, by subsequent designation of Hincks & Dibb (1935b). Synonymy by Luederwaldt (1931).

Ptichopus Harold, 1868 [4 species]. Type species *Passalus angulatus* Percheron, 1834, by monotypy.

Rhagonocerus Kaup, 1871 [9 species]. Type species *Passalus armatus* Perty, 1830, by monotypy.

Phoroneus Harold, 1868. Type species *Passalus quadricollis* Eschscholtz, 1829, by subsequent designation of Hincks & Dibb (1935b). Note: Kuwert (1891) incorrectly spelt *Phoroneus* as “*Phoronaeus*”.

Manlius Kuwert, 1891. Type species *Phoroneus rugifrons* Kaup, 1869 (= *Rhagonocerus occipitalis* (Eschscholtz, 1828)), by monotypy. Synonymy by Boucher (2015b).

Ninoides Kuwert, 1891. Type species *Ninoides simulans* Kuwert, 1891, by monotypy. Synonymy by Boucher (2015b).

Phoronaeosomus Kuwert, 1891. Type species *Passalus binominatus* Percheron, 1841, by subsequent designation of Hincks & Dibb (1935b). Synonymy by Boucher (2015b).

Macrolobus Zang, 1905a. Replacement name for *Phoroneus* Harold, 1868, not *Phoroneus* Rafinesque, 1815, nor *Phoroneus* Stål, 1865. Synonymy by Boucher (2015b). Note: Hincks & Dibb (1958) incorrectly spelt *Macrolobus* as “*Macrolabus*”.

Epiphoroneus Arrow, 1907. Type species *Passalus occipitalis* Eschscholtz, 1829, by subsequent designation of Hincks & Dibb (1935b). Synonymy by Boucher (2015b).

Rhodocanthopus Kaup, 1871 [10 species]. Type species *Passalus caelatus* Erichson, 1847, by subsequent designation of Hincks & Dibb (1935b). Note: Kuwert (1896) incorrectly spelt *Rhodocanthopus* as “*Rhodacanthopus*”.

Microthorax Kuwert, 1896. Type species *Rhodocanthopus stultus* Kuwert, 1891, by subsequent monotypy by Kuwert (1898a).

Polyacanthopus Kuwert, 1896. Type species *Passalus maillei* Percheron, 1841, by subsequent designation of Hincks & Dibb (1935b). Synonymy by Boucher (2015b).

Phaulothorax Zang, 1905a. Replacement name for *Microthorax* Kuwert, 1896, not *Microthorax* Engelmann, 1862. Synonymy by Boucher (2015b).

Spasalus Harold, 1868 [13 species]. Type species *Paxillus crenatus* MacLeay, 1819, by subsequent designation of Hincks & Dibb (1935b). Note: Kuwert (1896) incorrectly spelt *Spasalus* as “*Spacalus*”.

Toxeutotaenius Kuwert, 1896 [5 species]. Type species *Epiphanus schaufussi* Kuwert, 1891, by subsequent designation of Hincks & Dibb (1935b).

Tribe Proculini Kaup, 1868 (20 genera)

Arrox Zang, 1905a [2 species]. Replacement name for *Sertorius* Kaup, 1871, not *Sertorius* Stål, 1866.

Sertorius Kaup, 1871. Type species *Sertorius agassizi* Kaup, 1871, by monotypy.

Chondrocephalus Kuwert, 1896 [9 species]. Type species *Popilius granulifrons* Bates, 1886, by subsequent designation of Gravely (1918).

- Heliscus** Zang, 1905a [12 species]. Replacement name for *Soranus* Kaup, 1871, not *Soranus* Rafinesque, 1815, nor *Soranus* Fairmaire, 1902.
- Soranus* Kaup, 1871. Type species *Passalus tropicus* Percheron, 1835, by subsequent designation of Hincks & Dibb (1935b).
- Coniger* Zang, 1905b. Type species *Rimor ridiculus* Kuwert, 1891, by monotypy. Synonymy by Boucher (2006).
- Odontotaenius** Kuwert, 1896 [11 species]. Type species *Passalus striatopunctatus* Percheron, 1835, by subsequent designation of Hincks & Dibb (1935b).
- Ogyges** Kaup, 1871 [25 species]. Type species *Ogyges laevis* Kaup, 1871, by subsequent designation of Hincks & Dibb (1935b). Note: Wytzman (1884) incorrectly spelt *Ogyges* as “*Oxyges*”.
- Proculejoides* Kuwert, 1896. Type species *Proculejus championi* Bates, 1886, by subsequent monotypy of Kuwert (1897). Synonymy by Hincks (1953).
- Oileus** Harold, 1868 [8 species]. Type species *Passalus rimator* Truqui, 1857, by subsequent designation of Hincks & Dibb (1935b).
- Rimor* Kaup, 1871. Type species *Rimor sargii* Kaup, 1871, by subsequent designation of Hincks & Dibb (1935b). Synonymy by Gravely (1918).
- Rimoricus* Kuwert, 1896. Type species *Passalus sagittarius* sensu Kuwert, 1869 (= *Oileus rimator* (Truqui, 1857)), by monotypy. Synonymy by Arrow (1907).
- Petrejoides** Kuwert, 1896 [14 species]. Type species *Petrejoides tenuis* Kuwert, 1897, by subsequent designation of Hincks & Dibb (1935b).
- Popilius** Kaup, 1871 [23 species]. Type species *Passalus marginatus* Percheron, 1834, by subsequent designation of Gravely (1918).
- Passalotaenius* Kuwert, 1896. Type species *Passalus cuspidatus* Truqui, 1857, by subsequent designation of Hincks & Dibb (1935b). Synonymy by Gravely (1918).
- Oileoides* Gravely, 1918. Type species *Oileoides parvicornis* Gravely, 1918, by original designation. Synonymy by Reyes-Castillo (1970).
- Proculejus** Kaup, 1868b [7 species]. Type species *Proculejus truquii* Kaup, 1868, by subsequent designation of Gravely (1918).
- Proculus** Kaup, 1868b [7 species]. Type species *Passalus goryi* Melly, 1833, by subsequent designation of Gravely (1918).
- Cyphoproculus* Kuwert, 1896. Type species *Proculus mniszewski* Kaup, 1868, by subsequent designation of Hincks & Dibb (1937b). Synonymy by Gravely (1918).
- Pseudacanthus** Haarold, 1868 [8 species]. Type species *Passalus aztecus* Truqui, 1857, by subsequent designation of Gravely (1918).
- Prosoclitus* Bates, 1886. Type species *Prosoclitus obesus* Bates, 1886, by monotypy. Synonymy by Reyes-Castillo (1974).
- Triaenurgus* Bates, 1886. Type species *Triaenurgus subopacus* Bates, 1886, by monotypy. Synonymy by Hincks & Dibb (1935b).
- Truquius* Bates, 1886. Type species *Passalus aztecus* (as *astecus*) Truqui, 1857, by monotypy. Synonymy by Hincks & Dibb (1958).
- Nasoproculus* Zang, 1905b. Type species *Passalus heros* Truqui, 1857, by monotypy. Synonymy by Hincks & Dibb (1935b).
- Pseudoarrox** Reyes-Castillo, 1970 [2 species]. Type species *Pseudoarrox karreni* Reyes-Castillo, 1970, by original designation.
- Spurius** Kaup, 1871 [5 species]. Type species *Passalus bicornis* Truqui, 1857, by monotypy.
- Tonantzin** Beza-Beza, Jiménez-Ferbans & Clarke in Beza-Beza *et al.*, 2019 [1 species]. Type species *Tonantzin tepetl* Beza-Beza, Jiménez-Ferbans & Clarke, 2019, by original designation.
- Undulifer** Harold, 1868 [4 species]. Type species *Passalus incisus* Truqui, 1857, by monotypy.
- Verres** Kaup, 1871 [11 species]. Type species *Passalus corticola* Truqui, 1857, by subsequent designation of Gravely (1918).
- Platyverres* Bates, 1886. Type species *Verres intermedius* Kaup, 1871, by monotypy. Synonymy by Reyes-Castillo (1970).
- Verroides* Kuwert, 1891. Type species *Verroides labrifissus* Kuwert, 1891 (= *Verres furcilabris* (Eschscholtz, 1828)), by subsequent designation of Hincks & Dibb (1935b). Synonymy by Luederwaldt (1931).
- Neoverres* Hincks, 1934. Type species *Neoverres costaricensis* Hincks, 1934 (= *Verres longicornis*

(Luederwaldt, 1934)), by original designation. Synonymy by Reyes-Castillo (1970).

Veturius Kaup, 1871 [86 species]. Type species *Passalus heydenii* Kaup, 1868, by subsequent designation of Gravely (1918).

Pleurostylus Kaup, 1871. Type species *Pleurostylus trapezoides* Kaup, 1871 (= *Veturius (Veturius) transversus* (Dalman, 1817)), by monotypy. Synonymy by Arrow (1907).

Veturius (Publius) Kaup, 1871, as *Publius*. Type species *Passalus crassus* Smith, 1852, by monotypy. Status revised to *Veturius (Publius)* by Boucher (2005).

Veturius (Ouayana) Boucher, 2006. Type species *Veturius punctatostriatus* Arrow, 1907, by original designation.

Veturius (Ticoisthmus) Boucher in Boucher & Salazar, 2018. Type species *Proculejus laevior* Kaup, 1868, by original designation.

Vindex Kaup, 1871 (not *Vindex* Powell, 1927) [5 species]. Type species *Passalus agnoscendus* Percheron, 1841, by monotypy.

Xylopassaloides Reyes-Castillo, Da Fonseca & Castillo, 1987 [5 species]. Type species *Xylopassaloides pterocavis* Reyes-Castillo, Da Fonseca & Castillo, 1987, by original designation.

Yumtaax Boucher, 2005 [9 species]. Type species *Passalus recticornis* Burmeister, 1847, by original designation.

Tribe Protopassalini Aquino dos Santos, Mattos, Mermudes, Scheffler & Reyes-Castillo, 2021 (1 genus)

†**Protopassalus** Aquino dos Santos, Mattos, Mermudes, Scheffler & Reyes-Castillo, 2021 [1 species]. Type species *Protopassalus araripensis* Aquino dos Santos, Mattos, Mermudes, Scheffler & Reyes-Castillo, 2021, by original designation.

Tribe Solenocyclusini Kaup, 1871 (11 genera)

Ciceronius Kaup, 1871 [3 species]. Type species *Passalus morbillosus* Klug, 1833, by monotypy.

Didimus Kaup, 1871 [17 species]. Type species *Passalus laevis* Klug, 1835, by subsequent designation of Hincks & Dibb (1935b). Note: Zang (1905e) incorrectly spelt *Didimus* as “*Didymus*”.

Eumelosomus Kuwert, 1891. Type species *Passalus sansibaricus* Harold, 1880, by subsequent designation of Hincks & Dibb (1935b). Synonymy by Arrow (1907).

Erionomus Kaup, 1868a [4 species]. Type species *Passalus planiceps* Eschscholtz, 1828, by monotypy. Note: Arrow (1907) incorrectly spelt *Erionomus* as “*Eriopterus*”.

Eriosternus Kuwert, 1891. Type species *Passalus pilosus* Aurivillius, 1886, by monotypy. Synonymy by Zang (1905).

Flaminius Kuwert, 1891 (not *Flaminius* Damoiseau, 1989) [2 species]. Type species *Flaminius nonfriedi* Kuwert, 1891, by monotypy.

Leptaulax Kaup, 1868a [81 species and 7 additional subspecies]. Type species *Passalus dentatus* Fabricius, 1792, by subsequent designation of Gravely (1918).

Leptaulacides Zang, 1905c. Type species *Leptaulax eschscholtzi* Kaup, 1868, by subsequent designation of Hincks & Dibb (1935b). Synonymy by Gravley (1918).

Pentalobus Kaup, 1868a [4 species]. Type species *Passalus barbatus* Fabricius, 1801, by subsequent designation of Gravely (1918).

Epheus Kuwert, 1896. Type species *Passalus palinii* Percheron, 1844, by subsequent monotypy of Kuwert (1989b). Synonymy by Arrow (1907).

Semicyclus Kaup, 1871 (not *Semicyclus* Churkin & Carter, 1970) [1 species]. Type species *Semicyclus grayi*, Kaup, 1871, by monotypy.

Solenocyclus Kaup, 1868a [1 species]. Type species *Passalus exaratus* Klug, 1833, by monotypy.

Stephanocephalus Harold, 1868 [2 species]. Type species *Passalus hostilis* Percheron, 1841, by subsequent designation of Hincks & Dibb (1935b).

Didimoides Kuwert, 1891. Type species *Passalus knutsoni* Aurivillius, 1886, by subsequent designation of Hincks (1933). Synonymy by Bouchard (1985). Note: Hincks (1933) incorrectly spelt *Didimoides* as “*Didymoides*”.

Malagasalus Gravely, 1918. Type species *Malagasalus clypeatus* Gravely, 1918 (= *Stephanocephalus hostilis* (Percheron, 1841)), by original designation. Synonymy by Boucher (1989).

Trichostigmus Kaup, 1871 [5 species]. Type species *Leptaulax thoreyi* Kaup, 1868, by monotypy.

Vitellinus Kuwert, 1891 [1 species]. Type species *Passalus approximatus* Klug, 1834, by subsequent designation of Hincks & Dibb (1935b).

Family Belohinidae Paulian, 1959
(1 genus)

Belohina Paulian, 1959 [1 species]. Type species *Belohina inexpectata* Paulian, 1959, by original designation.

Family Ochodaecidae Streubel, 1846
(23 genera)

Subfamily Chaetocanthinae Scholtz, 1988
(6 genera)

Tribe Chaetocanthini Scholtz, 1988
(2 genera)

Chaetocanthus Péringuey, 1901 [3 species]. Type species *Chaetocanthus insuetus* Péringuey, 1901, by monotypy.

Namibiotalpa Scholtz & Evans, 1987 [1 species]. Type species *Namibiotalpa fossilis* Scholtz & Evans, 1987, by original designation.

Tribe Pseudochodaecini Scholtz, 1988
(1 genus)

Pseudochodaecus Carlson & Ritcher, 1974 [1 species]. Type species *Ochodaecus estriatus* Schaeffer, 1906, by original designation.

Tribe Synochodaecini Scholtz, 1988
(3 genera)

Gauchodaecus Paulsen in Paulsen & Ocampo, 2012 [1 species]. Type species *Gauchodaecus patagonicus* Paulsen & Ocampo, 2012, by original designation.

Synochodaecus Kolbe, 1907 [3 species]. Type species *Synochodaecus modestus* Kolbe, 1907, by monotypy.

†*Yixianochodaecus* Nikolajev, 2015b [1 species]. Type species *Yixianochodaecus horridus* Nikolajev, 2015, by original designation.

Subfamily Cretochodaecinae Nikolajev, 1995
(1 genus)

†*Cretochodaecus* Nikolajev, 1995 [2 species]. Type species *Cretochodaecus mongolicus* Nikolajev, 1995, by original designation.

Subfamily Ochodaecinae Streubel, 1846
(16 genera)

Tribe Enodognathini Scholtz, 1988
(2 genera)

Enodognathus Benderitter, 1920 [1 species]. Type species *Enodognathus gilleti* Benderitter, 1920, by monotypy.

Odontochodaecus Paulian, 1976 [6 species]. Type species *Enodognathus abadieii* Paulian, 1959, by original designation.

Tribe Nothochodaecini Nikolajev, 2015
(4 genera)

Ceratochodaecus Huchet, 2017, as *Nothochodaecus* (*Ceratochodaecus*) [4 species]. Type species *Nothochodaecus eliotti* Huchet, 2014, by original designation. Status revised to *Ceratochodaecus* by Huchet (2019).

†*Lithochodaecus* Nikolajev, 2007 [1 species]. Type species *Lithochodaecus cretaceus* Nikolajev, 2007, by original designation.

Mimochodaecus Nikolajev, 2009b [1 species]. Type species *Ochodaecus grandiceps* sensu Nikolajev, 2009 (not Fairmaire, 1897), by original designation but correctly identified as *Mimochodaecus nikolajevi* Huchet & Keith, 2017, by Huchet & Keith (2017).

Nothochodaecus Nikolajev, 2005c [44 species and 5 additional subspecies]. Type species *Ochodaecus maculatus* Waterhouse, 1875, by original designation. Nikolajev (2005c) spelt *Nothochodaecus* as “*Notochodaecus*” but only in the title of his paper.

Tribe Ochodaecini Streubel, 1846
(10 genera)

Afrochodaecus Huchet, 2020 [4 species]. Type species *Ochodaecus rectus* Scholtz & Evans, 1987, by original designation.

Atlantochodaecus Costa-Silva, Sousa, Fuhrmann, Grossi & Vaz-de-Mello, 2025 [4 species]. Type species *Atlantochodaecus everardoii* Costa-Silva, Sousa, Fuhrmann, Grossi & Vaz-de-Mello, 2025, by original designation.

Codocera Eschscholtz, 1821 [3 species and 1 additional subspecies]. Type species *Lethrus ferrugineus* Eschscholtz, 1818, by monotypy. Note: Harpootlian (2001) incorrectly spelt *Codocera* as “*Cadocera*”.

Stomphax Fischer, 1824. Type species *Lethrus ferrugineus* Eschscholtz, 1818, by monotypy. Objective junior synonym of *Codocera* Eschscholtz.

Cucochodaeus Paulsen, 2007 [1 species]. Type species *Ochodaeus sparsus* LeConte, 1868, by original designation.

†**Mesochodaeus** Nikolajev & Ren, 2010a [1 species]. Type species *Mesochodaeus daohugouensis* Nikolajev & Ren, 2010, by original designation.

†**Miochodaeus** Nikolajev, 1995 [1 species]. Type species *Geotrupes proaeus* Germar, 1849, by original designation.

Neochodaeus Nikolajev, 1995 [9 species]. Type species *Ochodaeus praesidii* Bates, 1887, by original designation.

Ochodaeus Dejean, 1821 [41 species]. Type species *Scarabaeus chrysoloides* Schrank, 1781, by monotypy.

Psephus Kirby in Kirby & Spence, 1826 (not *Psephus* Candèze, 1859). Type species *Scarabaeus chrysoloides* Schrank, 1781, by monotypy. Objective junior synonym of *Ochodaeus* Dejean.

Ochodaeus (Diplochodaeus) Huchet & Hillert, 2025. Type species *Ochodaeus cornifrons* Solsky, 1876, by original designation.

Parochodaeus Nikolajev, 1995 [27 species]. Type species *Parochodaeus pectoralis* LeConte, 1868, by original designation.

Xenochodaeus Paulsen, 2007 [6 species]. Type species *Ochodaeus americanus* Westwood, 1852, by original designation.

Family Glaphyridae MacLeay, 1819

(11 genera)

Subfamily Amphicominae Blanchard, 1845

(4 genera)

Amphicoma Latreille, 1807 [52 species and 2 subspecies]. Type species *Melolontha abdominalis* Fabricius, 1781, by subsequent designation of Latreille (1810). Note: Frivaldsky (1845) incorrectly spelt *Amphicoma* as “*Amphycoma*”.

Acidota Gistel, 1834 (not *Acidota* Stephens, 1829). Type species *Melolontha abdominalis* Fabricius, 1792 by monotypy. Objective junior synonym of *Amphicoma* Latreille.

Amphitriche: Gistel 1848. Unavailable name.

Anthypna (Thypnia) Endrödi, 1952. Type species *Anthypna carcelii* Laporte, 1832, by original designation). Synonymy by Bezděk *et al.* (2005).

Amphicoma (Toxocerus) Fairmaire, 1891a, as *Toxocerus*. Type species *Toxocerus rothschildii* Fairmaire, 1891, by monotypy. Status revised to *Amphicoma (Toxocerus)* by Fujioka & Kobayashi (2023).

Arrhephora Fairmaire, 1891a. Type species *Arrhephora chalcochrysea* Fairmaire, 1891 (= *Amphicoma (Toxocerus) rothschildii* (Fairmaire, 1891)), by subsequent designation of Chapin (1938). Synonymy by Fairmaire (1891b).

Anthypnoides Yawata, 1942. Type species *Anthypnoides splendens* Yawata, 1942, by original designation. Synonymy by Sawada (1950).

Anthypna Eschscholtz, 1818 [2 species]. Type species *Melolontha ursus* Fabricius, 1775, by subsequent designation of Crotch (1870). Bouchard *et al.* (2024) noted that *Melolontha ursus* is currently in the genus *Anisonyx* Latreille, 1805 (Scarabaeidae: Hopliini) and suggested that an application to the Commission is necessary to fix *Melolontha cyanipennis* Fabricius, 1801 as the type species of *Anthypna* Eschscholtz, 1818 (as in Chapin 1938) in order to conserve the current usage of this genus-group name.

Psilodema Blanchard, 1845. Type species *Melolontha meles* Fabricius, 1793, by monotypy. Synonymy by Bezděk *et al.* (2005).

Eulasia Truqui, 1848 (not *Eulasia* Warren, 1902) [55 species and 13 additional subspecies]. Type species *Amphicoma papaveris* Sturm, 1843, by subsequent designation of Chapin (1938). Kalashian *et al.* (2024) noted that *Amphicoma papaveris* Sturm, 1843 is the valid type species of both *Eulasia* and *Eulasia (Rudeulasia)* Baraud, 1990. They proposed that an application should be made to the Commission to conserve current usage by applying its plenary powers to reject the type species designation of Chapin (1938) and conserve the names *Rudeulasia* Baraud, 1990 with type species *Amphicoma papaveris* Sturm, 1843 and *Eulasia* Truqui, 1848 with type species *Scarabaeus arctos* Pallas, 1781, as designated by Medvedev (1960).

Eulasia (Trichopleurus) Motschulsky, 1860b, as *Trichopleurus* (not *Trichopleurus* Kuwert, 1898). Type species *Melolontha bombylius* Fabricius, 1787, by monotypy. Status revised to *Eulasia (Trichopleurus)* by Bezděk (2006).

Eulasia (Vittateulasia) Baraud, 1990. Type species *Melolontha vittata* Fabricius, 1775, by original designation. Synonymy by Bezděk (2006).

Eulasia (Solskiola) Semenov, 1903. Type species *Amphicoma analis* Solsky, 1876, by monotypy.

Eulasia (Rudeulasia) Baraud, 1990. Type species *Amphicoma papaveris* Sturm, 1843, by original designation.

Pygopleurus Motschulsky, 1860b [63 species and 5 additional subspecies]. Type species *Scarabaeus syriacus* Linnaeus, 1758, by subsequent designation of Medvedev (1960).

Subfamily Cretoglaphyrinae Nikolajev, 2005 (1 genus)

†*Cretoglaphyrus* Nikolajev, 2005b [6 species]. Type species *Cretoglaphyrus rohdendorfi* Nikolajev, 2005, by original designation.

Subfamily Glaphyrinae MacLeay, 1819 (6 genera)

†*Cretohypna* Yan, Nikolajev & Ren, 2012 [4 species]. Type species *Cretohypna cristata* Yan, Nikolajev & Ren, 2012, by original designation.

Glaphyrus Latreille, 1802 [39 species and 7 additional subspecies]. Type species *Melolontha serratulae* Fabricius, 1792, by monotypy.

Pachymerus Faldermann, 1836. Type species *Pachymerus micans* Faldermann, 1836, by monotypy. Synonymy by Burmeister (1844).

Promachus Gistel, 1848 (not *Promachus* Loew, 1848, *Promachus* Stål, 1875, *Promachus* Cresson, 1887, nor *Promachus* Ashmead, 1889). Unnecessary replacement name for *Pachymerus* Faldermann, 1836, not *Pachymerus* Thunberg, 1805, *Pachymerus* Lepeletier & Serville, 1825, *Pachymerus* Gravenhorst, 1829, nor *Pachymerus* Schoenherr, 1833.

Glaphyrus (Hemiglaphyrus) Champenois, 1903. Type species *Glaphyrus caucasicus* Kraatz, 1882, by subsequent designation of Chapin (1938).

Glaphyrus (Eoglaphyrus) Semenov-Tjan-Shansky, 1926. Type species *Glaphyrus turkestanicus* Semenov, 1890, by monotypy.

Glaphyrus (Atticoglaphyrus) Ghrejjan, Kalashian & Sabatinelli, 2023. Type species *Glaphyrus modestus* Kiesenwetter, 1858, by original designation.

Lichnanthe Burmeister, 1844 [11 species]. Type species *Amphicoma vulpina* Hentz, 1827, by monotypy.

Dasydera LeConte, 1861b (not *Dasydera* Cameron, 1948). Type species *Dasydera ursina* LeConte, 1861, by monotypy. Synonymy by Carlson (1980).

†*Lithohypna* Nikolajev, Wang & Zhang, 2011 [7 species]. Type species *Lithohypna chifengensis* Nikolajev, Wang & Zhang, 2011, by original designation.

Fortishybosorus Yan, Bai & Ren, 2012b. Type species *Fortishybosorus ericeusicus* Yan, Bai & Ren, 2012, by original designation. Synonymy by Nikolajev (2014).

†*Mesohypna* Nikolajev & Ren, 2013 [2 species]. Type species *Mesohypna lopatini* Nikolajev & Ren, 2013, by original designation.

†*Paraglaphyrus* Nikolajev, 2015a [4 species]. Type species *Paraglaphyrus yixianensis* Nikolajev, 2015, by original designation.

Family Hybosoridae Erichson, 1847 (93 genera)

Subfamily Anaidinae Nikolajev, 1996 (8 genera)

Anaides Westwood, 1841 (not *Anaides* Baird, 1849) [15 species]. Type species *Anaides fossulatus* Westwood, 1841, by monotypy. Note: Agassiz (1846) used the unjustified emendation “*Anaedes*”, and Balthasar (1938) incorrectly spelt *Anaides* as “*Aneides*”.

Adelops: Dejean 1833. Unavailable name.

Callosides Howden, 1971 [4 species]. Type species *Callosides campbelli* Howden, 1971, by original designation.

Chaetodus Westwood, 1845 [33 species]. Type species *Chaetodus irregularis* Westwood, 1845, by subsequent designation of Lucas (1920).

Pseudohybosorus Endrödi, 1962. Type species *Pseudohybosorus drifti* Endrödi, 1962 (= *Chaetodus (Chaetodus) amazonicus* Preudhomme de Borre, 1886), by original designation. Synonymy by Ocampo (2006).

Chaetodus (Chaetodopsis) Martínez, 1988. Type species *Chaetodus asuai* Martínez, 1956, by original designation.

†*Cretanaides* Nikolajev, 1996 [1 species]. Type species *Cretanaides trogopteris* Nikolajev, 1996, by original designation.

Cryptogenius Westwood, 1841 (not *Cryptogenius* Solier, 1843) [2 species]. Type species *Cryptogenius miersianus* Westwood, 1841, by monotypy.

Cremastochilodius Krikken, 1975. Type species *Cremastochilodius tristis* Krikken, 1975 (= *Cryptogenius miersianus* Westwood, 1842), by original designation. Synonymy by Krikken (1987).

Hybochaetodus Arrow, 1909 [5 species]. Type species *Hybochaetodus obscurus* Arrow, 1909, by monotypy.

†**Protanaides** Nikolajev, 2010b [1 species]. Type species *Protanaides sibiricus* Nikolajev, 2010, by original designation.

Totoia Ocampo, 2003 [4 species]. Type species *Totoia splendida* Ocampo, 2003, by original designation.

Subfamily Ceratocanthinae Martínez, 1968

(46 genera)

Unplaced to tribe

(1 genus)

†**Palaeopycnus** Lu, Ballerio & Bai in Lu *et al.*, 2022 [2 species]. Type species *Palaeopycnus circus* Lu, Ballerio & Bai, 2022, by original designation.

Tribe Ceratocanthini Martínez, 1968

(39 genera)

Acanthocerodes Péringuey, 1901 [3 species]. Type species *Acanthocerodes singularis* Péringuey, 1901, by monotypy.

Afrocloetus Petrovitz, 1968b [2 species]. Type species *Afrocloetus gibbosus* Petrovitz, 1968, by original designation.

Aneilobolus Hesse, 1948 [4 species]. Type species *Aneilobolus lawrencei* Hesse, 1948, by original designation.

Anopsiostes Paulian, 1982 [1 species]. Type species *Anopsiostes punctatus* Paulian, 1982, by original designation.

Astaenomoechus Martínez & Pereira, 1959 [22 species]. Type species *Sphaeromorphus hospes* Wasmann, 1902, by original designation.

Belloanopsiostes Vaz-de-Mello, 1996. Type species *Belloanopsiostes gilli* Vaz-de-Mello, 1996, by original designation. Synonymy by Howden & Gill (2000).

Aulisostes Howden & Gill, 2000 [2 species]. Type species *Aulisostes pseudoparadoxus* Howden & Gill, 2001, designated by Howden & Gill (2001) under Article 70.3 (misidentified type species).

Balleriodes Grebennikov, 2021 [1 species]. Type species *Balleriodes sphaera* Grebennikov, 2021, by original designation.

Baloghianestes Paulian, 1968 [4 species]. Type species *Baloghianestes lissoubai* Paulian, 1968, by original designation.

Besuchetostes Paulian, 1972 [11 species]. Type species *Besuchetostes taprobanae* Paulian, 1972, by original designation.

Callophilharmostes Paulian, 1968, as *Philharmostes* (*Callophilharmostes*) [1 species]. Type species *Philharmostes fleutiauxi* Paulian, 1942, by monotypy. Status revised to *Callophilharmostes* by Paulian (1977).

Carinophilharmostes Paulian, 1968, as *Philharmostes* (*Carinophilharmostes*) [1 species]. Type species *Philharmostes vadoni* Paulian, 1937, by original designation. Status revised to *Carinophilharmostes* by Paulian (1977).

Ceratocanthoides Paulian, 1982 [1 species]. Type species *Acanthocerus undatus* Petrovitz, 1973, by original designation.

Ceratocanthopsis Paulian, 1982 [3 species]. Type species *Acanthocerus fulgidus* Martínez, 1967, by original designation.

Ceratocanthus White, 1842 [54 species and 2 additional subspecies]. Replacement name for *Acanthocerus* MacLeay, 1819, not *Acanthocerus* Palisot de Beauvois, 1818. *Sphaeromorphus* Dejean, 1833 has precedence over *Ceratocanthus* White, 1842, which is currently used as valid (Bouchard *et al.* 2024). An application to the Commission has been submitted by Alberto Ballerio (Case 3766) to retain *Ceratocanthus* White as a valid name.

Acanthocerus MacLeay, 1819. Type species *Acanthocerus aeneus* MacLeay, 1819, by subsequent designation of Duponchel (1839).

Sphaeromorphus Dejean, 1833. Type species *Sphaeromorphus humeralis* Erichson, 1843, by subsequent designation of Bousquet & Bouchard (2013). Synonymy with *Acanthocerus* MacLeay by Paulian (1982) [this remains just a hypothesis. That usage in any case refers to a species currently placed in *Haroldostes* (A. Ballerio pers. comm.)]. Note: Blanchard in d'Orbigny (1847) incorrectly spelt *Sphaeromorphus* as “*Sphaerelytrus*”.

- Gymnoropterus* Gestro, 1898. Type species *Synarmostes striatulus* Lansberge, 1887, by monotypy. Synonymy by Ballerio (2000a).
- Chaetophilharmostes** Paulian, 1977 [2 species]. Type species *Philharmostes chevalieri* Paulian, 1937, by original designation.
- Cloeotus** Germar, 1843 [3 species]. Type species *Cloeotus latebrosus* Germar, 1843, by subsequent designation of Martínez (1968).
- Congomostes** Paulian, 1968 [3 species]. Type species *Congomostes baloghi* Paulian, 1968, by original designation.
- Cryptophilharmostes** Ballerio, 2000b [2 species]. Type species *Cryptophilharmostes mahunkai* Ballerio, 2000, by original designation.
- Cryptosphaeroides** Ballerio, 2008 [4 species]. Type species *Pseudopterorthochaetes hystrix* Paulian, 1991, by original designation.
- Cyphopisthes** Gestro, 1898 [13 species]. Type species *Synarmostes amphicyllis* Sharp, 1875, by subsequent designation of Paulian (1978).
- Ebbrittoniella** Martínez, 1962 [2 species]. Type species *Acanthocerus (Sphaeromorphus) ignitus* Westwood, 1883, by original designation. Note: Paulian (1978) incorrectly spelt *Ebbrittoniella* as “*Eubrittoniella*”.
- Eusphaeropeltis** Gestro, 1898 [17 species]. Type species *Synarmostes aurora* Lansberge, 1887, by subsequent designation of Paulian (1978).
- Germarostes** Paulian, 1982 [71 species and 1 additional subspecies]. Type species *Melolontha aphodioides* Illiger, 1800, by original designation.
- Germarostes (Haroldostes)** Paulian, 1982, as *Haroldostes*. Type species *Acanthocerus rugiceps* Germar, 1843, by original designation. Status revised to *Germarostes (Haroldostes)* by Howden & Gill (2000).
- Glyptogermarostes** Ocampo & Ballerio, 2006 [1 species]. Replacement name for *Glyptopterus* Paulian, 1982, not *Glyptopterus* de Chaudoir, 1838.
- Glyptopterus* Paulian, 1982. Type species *Glyptopterus oberthueri* Paulian, 1982, by original designation.
- Goudotostes** Paulian, 1979 [33 species]. Type species *Acanthocerus scabrosus* Laporte, 1840, by original designation.
- Macrophilharmostes** Paulian, 1978 [1 species]. Type species *Cyphopisthes major* Paulian, 1975, by original designation.
- Madrasostes** Paulian, 1975 [40 species and 1 additional subspecies]. Type species *Madrasostes nigrum* Paulian, 1975, by original designation.
- Martinezostes** Paulian, 1982 [6 species]. Type species *Acanthocerus asper* Philippi, 1859, by original designation.
- Melanophilharmostes** Paulian, 1968, as *Philharmostes (Melanophilharmostes)* [19 species]. Type species *Philharmostes (Melanophilharmostes) zicsii* Paulian, 1968, by original designation. Status revised to *Melanophilharmostes* by Paulian (1977).
- Nesopalla** Paulian & Howden, 1982 [3 species]. Type species *Nesopalla iviei* Paulian & Howden, 1982, by original designation.
- Oxymorostes** Ballerio, 2009 [1 species]. Type species *Oxymorostes riedeli* Ballerio, 2009, by original designation.
- Paulianostes** Ballerio, 2000c [3 species]. Type species *Cyphopisthes georyssoides* Gestro, 1898, by original designation.
- Perignamptus** Harold, 1877 [9 species]. Type species *Perignamptus sharpi* Harold, 1877, by monotypy.
- Petrovitzostes** Paulian, 1977 [1 species]. Type species *Pterorthochaetes guineensis* Petrovitz, 1968, by original designation.
- Philharmostes** Kolbe, 1896 [41 species]. Type species *Philharmostes aeneoviridis* Kolbe, 1896, by subsequent designation of Fairmaire (1900).
- Philharmostes (Holophilharmostes)** Paulian, 1968. Type species *Philharmostes (Holophilharmostes) cohici* Paulian, 1968 (= *Philharmostes (Holophilharmostes) badius* (Petrovitz, 1967)), by original designation.
- Pseudopterorthochaetes** Paulian, 1977 [9 species]. Type species *Pterorthochaetes elytratus* Paulian, 1946, by original designation.
- Pseudosynarmostes** Ballerio, 2008 [2 species]. Type species *Pseudosynarmostes mitsinjo* Ballerio, 2008, by original designation.
- Pterorthochaetes** Gestro, 1898 [26 species and 1 additional subspecies]. Type species *Synarmostes gestroi* Harold, 1874, by subsequent designation of Paulian (1977).

Synarmostes Germar, 1843 [24 species]. Type species *Acanthocerus tibialis* Klug, 1833, by subsequent designation of Paulian (1937).

Tribe Scarabatermitini Nikolajev, 1999
(6 genera)

Balleriolus Souza & Vaz-de-Mello, 2023 [2 species]. Type species *Balleriolus howdeni* Souza & Vaz-de-Mello, 2023, by original designation.

Ivieolus Howden & Gill, 1988b [3 species]. Type species *Ivieolus pseudoscutellatus* Howden & Gill, 1988, by original designation.

Scarabaeinus Silvestri, 1940 [1 species]. Type species *Scarabaeinus termitophilus* Silvestri, 1940, by original designation.

Scarabatermes Howden, 1973a [1 species]. Type species *Scarabatermes amazonensis* Howden, 1973, by original designation.

Trachycrusus Howden & Gill, 1995 [2 species]. Type species *Trachycrusus lescheni* Howden & Gill, 1995, by original designation.

Xenocanthus Howden & Gill, 1988a [1 species]. Type species *Xenocanthus singularis* Howden & Gill, 1988, by original designation.

Subfamily Hybosorinae Erichson, 1847
(32 genera)

Apalonychus Westwood, 1845 [5 species]. Type species *Apalonychus waterhousii* Westwood, 1845, by monotypy. Note: Agassiz (1846) used the unjustified emendation “*Hapalonychus*”, and Petrovitz (1973) incorrectly spelt *Apalonychus* as “*Haplonychus*”.

Hapalonychoides Martínez, 1994. Type species *Hapalonychoides similis* Martínez, 1994, by original designation. Synonymy by Basílio *et al.* (2023).

Aporolaus Bates, 1887 [1 species]. Type species *Aporolaus fimbriatus* Bates, 1887, by monotypy.

Araeotanypus Waterhouse, 1875 [6 species]. Type species *Araeotanypus boops* Waterhouse, 1875, by monotypy. Note: Arrow (1912) incorrectly spelt *Araeotanypus* as “*Araeotanopus*”.

Brenskea Reitter, 1891 [1 species]. Type species *Brenskea coronata* Reitter, 1891, by monotypy.

Spermohybosorus Pic, 1922. Type species *Spermohybosorus testaceus* Pic, 1922 (= *Brenskea*

coronata Reitter, 1891), by monotypy. Synonymy by Peyerimhoff (1941).

Celaenochrous Kuijten, 1984 [1 species]. Type species *Celaenochrous sinensis* Kuijten, 1984, by original designation.

Coilodes Westwood, 1845 [14 species]. Type species *Hybosorus gibbus* Perty, 1830 (= *Coilodes humeralis* (Mannerheim, 1828)), by original designation. Note: Agassiz (1846) used the unjustified emendation “*Coelodes*”.

Gnombolbus Prokofiev, 2013a. Type species *Gnombolbus orosi* Prokofiev, 2013, by original designation. Synonymy by Prokofiev (2013b).

† **Crassisorus** Nikolajev, Wang & Zhang, 2012 [1 species]. Type species *Crassisorus fractus* Nikolajev, Wang & Zhang, 2012, by original designation.

† **Cretohybosorus** Nikolajev, 1999 [2 species]. Type species *Cretohybosorus buryaticus* Nikolajev, 1999, by original designation.

Dicraeodon Erichson, 1847 [2 species]. Type species *Chaetodus basalis* Westwood, 1845, by monotypy. Note: Bacchus (1978) incorrectly spelt *Dicraeodon* as “*Dicraedon*”.

Frolovius Basílio, Vaz-de-Mello & Almeida, 2022 [1 species]. Type species *Frolovius mandibulocarinated* Basílio, Vaz-de-Mello & Almeida, 2022, by original designation.

Hybosorus MacLeay, 1819 [8 species]. Type species *Geotrupes arator* Illiger, 1803 (= *Hybosorus illigeri* Reiche, 1853), by monotypy.

Hybosoroides Benderitter, 1914. Type species *Hybosoroides alluaudi* Benderitter, 1914, by monotypy. Synonymy by Basílio *et al.* (2023).

Hypseloderus Fairmaire, 1893 [3 species]. Type species *Hypseloderus denticollis* Fairmaire, 1893, by monotypy.

† **Jurahybosorus** Nikolajev, 2005a [2 species]. Type species *Jurahybosorus mongolicus* Nikolajev, 2005, by original designation.

Kuijtenous Paulian, 1981 [2 species]. Type species *Hybosorus laeviceps* Fairmaire, 1893, by original designation.

† **Leptosorus** Nikolajev, 2006a [1 species]. Type species *Leptosorus zherikhini* Nikolajev, 2006, by original designation.

- Metachaetodus*** Preudhomme de Borre, 1886b [3 species]. Type species *Metachaetodus discus* Preudhomme de Borre, 1886, by original designation.
- Microphaeochroops*** Pic, 1930 [5 species]. Type species *Microphaeochroops hirsutus* Pic, 1930, by monotypy.
- Microphaeolodes*** Kuijten, 1985 [1 species]. Type species *Microphaeolodes mulumontis* Kuijten, 1985, by original designation.
- Mimocoelodes*** Pic, 1930 [1 species]. Type species *Mimocoelodes minutus* Pic, 1930, by monotypy.
- Pantolasius*** Lansberge, 1887 [3 species]. Type species *Pantolasius vethi* Lansberge, 1887, by monotypy.
- Phaeochridius*** Lansberge, 1887 [2 genera]. Type species *Liparochnrus derasus* Harold, 1880, by monotypy
- Phaeochroops*** Candèze, 1876, as *Phæochroops* [27 species]. Type species *Phaeochroops lansbergei* Candèze, 1876, by monotypy. Originally spelt as *Phoeochroops*, but *Phaeochroops* is in common usage (Allsopp & Schoolmeesters 2026). Note: Candèze, (1876) also used the spelling *Phoeocroops*, Pic (1928) incorrectly spelt *Phaeochroops* as “*Phaechroops*”, Nomura (1973) incorrectly spelt *Phaeochroops* as “*Paechroops*”, and Ueda *et al.* (2017) incorrectly spelt *Phaeochroops* as “*Phaeocroops*”.
- Phaeochrous*** Laporte, 1840 [51 species and 11 additional subspecies]. Type species *Phaeochrous emarginatus* Laporte, 1840, by subsequent designation of Paulian (1945). Note: Péringuey (1908) incorrectly spelt *Phaeochrous* as “*Phaeocrous*”.
- Acallus*: Dejean 1833. Unavailable name.
- Atimus*: Dejean 1836. Unavailable name.
- Silphodes* Westwood, 1841. Type species *Silphodes sumatrensis* Westwood, 1841, by subsequent designation of Kral & Löbl (2006). Synonymy by Erichson (1848).
- Phaeocroides*** Péringuey, 1908 [4 species]. Type species *Phaeocroides damarinus* Péringuey, 1908, by monotypy.
- †***Procoilodes*** Ocampo, 2002 [1 species]. Type species *Procoilodes adrastus* Ocampo, 2002, by original designation.
- †***Protohybosorus*** Nikolajev, 2010c [3 species]. Type species *Protohybosorus karatavicus* Nikolajev, 2010, by original designation.
- †***Pulcherhybosorus*** Yan, Bai & Ren, 2012a [1 species]. Type species *Pulcherhybosorus tridentatus* Yan, Bai & Ren, 2012, by original designation.
- Seleucosorus*** Kuijten, 1983 [1 genus]. Type species *Hybosorus punctatissimus* Reiche, 1861, by original designation.
- †***Sinochaetodus*** Lu, Bai, Ren & Yang in Lu *et al.*, 2018 [1 species]. Type species *Sinochaetodus tridentatus* Lu, Bai, Ren & Yang, 2018, by original designation.
- †***Sinohybosorus*** Nie, Bai, Ren & Yang in Lu *et al.*, 2018 [1 species]. Type species *Sinohybosorus cheni* Nie, Bai, Ren & Yang, 2018, by original designation.
- Taisia*** Frolov, Ocampo, Akhmetova & Vaz-de-Mello, 2017 [1 species]. Type species *Taisia cornitermitis* Frolov, Ocampo, Akhmetova & Vaz-de-Mello, 2017, by original designation.
- †***Tyrannasorus*** Ratcliffe & Ocampo, 2001 [1 species]. Type species *Tyrannasorus rex* Ratcliffe & Ocampo, 2001, by original designation.

Subfamily Liparochnrinae Ocampo, 2006 (3 genera)

Antiochnrus Sharp, 1873 [7 species]. Type species *Antiochnrus brunneus* Sharp, 1873, by monotypy.

†***Libanochnrus*** Kirejtshuk, Azar & Montreuil, 2011 [1 species]. Type species *Libanochnrus calvus* Kirejtshuk, Azar & Montreuil, 2011, by original designation.

Liparochnrus Erichson, 1848 [42 species]. Type species *Liparochnrus geminatus* Westwood, 1852, by subsequent designation of Allsopp (1982).

Liparochnrus (Ranidia): Paulian 1980. Unavailable name.

Liparochnrus (Parolichrus) Allsopp, 1982. Type species *Liparochnrus ingens* Felsch, 1909, by original designation.

Liparochnrus (Parolichrus): Paulian 1980. Unavailable name.

Liparochnrus (Ranidichrus) Allsopp, 1982. Type species *Liparochnrus multistriatus* Harold, 1874, by original designation.

Liparochnrus (Paulichrus): Allsopp 1984. Unavailable name.

Liparochnrus (Ropalichrus) Allsopp, 1982. Type species *Liparochnrus storeyi* Paulian, 1980, by original designation.

Liparochrus (*Ropalichrus*): Paulian 1980. Unavailable name.

Subfamily Mimaphodiinae Nikolajev, 2007

(1 genus)

†*Mimaphodius* Nikolajev, 2007b [1 species]. Type species *Mimaphodius pusillus* Nikolajev, 2007, by original designation.

Subfamily Pachyplectrinae Ocampo, 2006

(3 genera)

Borrochrus Allsopp, 1979 [2 species]. Replacement name for *Trichops* Preudhomme de Borre, 1886, not *Trichops* Val, 1853, nor *Trichops* Rondani, 1866.

Trichops: Dejean 1833. Unavailable name.

Trichops Preudhomme de Borre, 1886c. Type species *Trichops ciliatus* Preudhomme de Borre, 1886, by monotypy.

Daimothoracodes Petrovitz, 1970 [4 species]. Type species *Daimothoracodes mirabilis* Petrovitz, 1970, by original designation.

Pachyplectrus LeConte, 1874 [1 species]. Type species *Pachyplectrus laevis* LeConte, 1874, by monotypy.

Unplaced genus within Scarabaeoidea

†*Crassiungula* Li, Huang & Cai, 2025 [1 species]. Type species *Crassiungula lawrencei* Li, Huang & Cai, 2025, by original designation.

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