

The Taxonomicon
Systema Naturae 2000

Classification of
Order *Coleoptera*
(beetles)
down to Family

Compiled by Drs. S.J. Brands
Universal Taxonomic Services

25 Jan 2021

Systema Naturae 2000

- Order Coleoptera -

[Kingdom *Animalia*: Phylum *Arthropoda*: Class *Insecta* - beetles]

Order *Coleoptera* Linnaeus, 1758 - beetles

- 1 Suborder †*Protocoleoptera* Tillyard, 1934 - protocoleopterans
 - 1 Superfamily †*Tshekardocoleoidea* Rohdendorf, 1944
 - 1 Family †*Tshekardocoleidae** Rohdendorf, 1944
 - 2 Family †*Labradorocoleidae* Ponomarenko, 1969
 - 3 Family †*Oborocoleidae* Kukalová, 1969
 - 2.1 Superfamily †*Permocupedoidea* Martynov, 1933
 - 1 Family †*Permocupedidae** Martynov, 1933
 - 2 Family †*Taldycupedidae* Rohdendorf, 1961
 - 2.2 Superfamily †*Permosynoidea* Tillyard, 1924
 - 1 Family †*Ademosynidae* Ponomarenko, 1968
 - 2 Family †*Permosynidae** Tillyard, 1924
- 2.1 Suborder *Archostemata* Kolbe, 1908 - reticulated beetles
 - 1 Family *Crowsoniellidae* Iablokoff-Khnzorian, 1983
 - 2 Family *Cupedidae* Laporte, 1836
 - 3 Family *Micromalthidae* Barber, 1913
 - 4 Family *Ommatidae* Sharp & Muir, 1912
 - 5 Family *Jurodidae* Ponomarenko, 1985
 - 6 Family †*Triadocupedidae* Ponomarenko, 1966
 - 7 Family †*Magnocoleidae* Hong, 1998
 - 8 Family †*Obrienidae* Zherikhin & Gratshev, 1994
- 2.2.1 Suborder *Adephaga* Schellenberg, 1806
 - 01 Family †*Tritarsusidae* Hong, 2002
 - 02 Family *Gyrinidae* Latreille, 1810 - whirligig beetles
 - 03 Family *Trachypachidae* Thomson, 1857
 - 04 Family *Meruidae* Spangler & Steiner, 2005
 - 05 Family *Rhysodidae* Laporte, 1840
 - 06 Family *Carabidae* Latreille, 1802 - ground beetles
 - 07 Family *Haliplidae* Aubé, 1836
 - 08 Family †*Triaplidae* Ponomarenko, 1977
 - 09 Family †*Colymbotethidae* Ponomarenko, 1994
 - 10 Family †*Parahygrobiidae* Ponomarenko, 1977
 - 11 Family †*Coptoclavidae* Ponomarenko, 1961
 - 12 Family †*Liadytidae* Ponomarenko, 1977
 - 13 Family *Noteridae* Thomson, 1859
 - 14 Family *Amphizoidae* LeConte, 1853
 - 15 Family *Aspidytidae* Ribera, Beutel, Balke & Vogler, 2002
 - 16 Family *Hygrobiidae* Régimbart, 1879 (1837)
 - 17 Family *Dytiscidae* Leach, 1815 - predaceous diving beetles
- 2.2.2.1 Suborder *Myxophaga* Crowson, 1955 - skiff beetles
 - 1 Superfamily †*Asiocoleoidea* Rohdendorf, 1961
 - 1 Family †*Asiocoleidae** Rohdendorf, 1961
 - 2 Family †*Tricoleidae* Ponomarenko, 1969
 - 2 Superfamily †*Rhombocoleoidea* Rohdendorf, 1961
 - 1 Family †*Rhombocoleidae** Rohdendorf, 1961
 - 3 Superfamily †*Schizophoroidea* Ponomarenko, 1968
 - 1.1 Family †*Schizophoridae** Ponomarenko, 1968
 - 1.2 Family †*Catinidae* Ponomarenko, 1968, nom. illeg.
 - 2 Family †*Schizocoleidae* Rohdendorf, 1961
 - 4 Superfamily *Lepiceroidea* Hinton, 1936 (1882)
 - 1 Family *Lepiceridae** Hinton, 1936 (1882)
 - 5 Superfamily *Sphaeriusoidea* Erichson, 1845
 - 1 Family *Torridincolidae* Steffan, 1964
 - 2.1 Family *Hydroscaphidae* LeConte, 1874
 - 2.2 Family *Sphaeriusidae** Erichson, 1845
- 2.2.2.2 Suborder *Polyphaga* Emery, 1886
 - 1 Series *Staphyliniformia* Latreille, 1802
 - 1 Superfamily *Hydrophiloidea* Latreille, 1802
 - 1 Family *Hydrophilidae** Latreille, 1802 - water scavenger beetles
 - 2 Family *Sphaeritidae* Shuckard, 1839
 - 3 Family *Synteliidae* Lewis, 1882
 - 4 Family *Histeridae* Gyllenhal, 1808
 - 2 Superfamily *Staphylinioidea** Latreille, 1802
 - 1 Family *Hydraenidae* Mulsant, 1844
 - 2 Family *Ptiliidae* Erichson, 1845
 - 3 Family *Agyrtidae* Thomson, 1859
 - 4 Family *Leiodidae* Fleming, 1821
 - 5 Family *Silphidae* Latreille, 1807 - carrion beetles
 - 6 Family *Staphylinidae** Latreille, 1802 - rove beetles
 - 2.1 Series *Scarabaeiformia* Crowson, 1960
 - 1 Superfamily *Scarabaeoidea** Latreille, 1802

Systema Naturae 2000

- Order Coleoptera -

-
- 01 Family *Pleocomidae* LeConte, 1861
 - 02 Family *Geotrupidae* Latreille, 1802
 - 03 Family *Belohinidae* Paulian, 1959
 - 04 Family *Passalidae* Leach, 1815
 - 05.1 Family *Trogidae* MacLeay, 1819
 - 05.2 Family *Glaresidae* Kolbe, 1905
 - 06 Family *Diphyllostomatidae* Holloway, 1972
 - 07 Family *Lucanidae* Latreille, 1804 - stag beetles
 - 08 Family *Ochodaeidae* Mulsant & Rey, 1871
 - 09.1 Family *Hybosoridae* Erichson, 1847
 - 09.2 Family *Glaphyridae* MacLeay, 1819
 - 09.3 Family *Scarabaeidae** Latreille, 1802 - scarab beetles, dung beetles, and june "bugs"
 - 10 Ichnofamily †*Coprinisphaeridae* Genise, 2004
 - 11 Ichnofamily †*Pallichnidae* Genise, 2004
 - 2.2.1 Series *Scirtiformia* Fleming, 1821
 - 1 Superfamily *Scirtoidea** Fleming, 1821
 - 1 Family *Scirtidae** Fleming, 1821
 - 2 Family *Decliniidae* Nikitsky, Lawrence, Kirejtshuk & Gratshev, 1994
 - 3 Family *Eucinetidae* Lacordaire, 1857
 - 4 Family *Clambidae* Fischer von Waldheim, 1821
 - 5 Family †*Elodophthalmidae* Kirejtshuk & Azar, 2008
 - 6 Family †*Mesocinetidae* Kirejtshuk & Ponomarenko, 2010
 - 2.2.2 Series *Elateriformia* Crowson, 1960
 - 1 Superfamily *Dascilloidea* Guérin-Méneville, 1843 (1834)
 - 1 Family *Dascillidae** Guérin-Méneville, 1843 (1834)
 - 2 Family *Rhipiceridae* Latreille, 1834
 - 2 Superfamily *Buprestoidea* Leach, 1815
 - 1 Family *Buprestidae** Leach, 1815 - metallic wood-boring beetles
 - 3 Superfamily *Byrrhoidea* Latreille, 1804
 - 1 Family *Byrrhidae** Latreille, 1804
 - 2.1.1 Family *Elmidae* Curtis, 1830
 - 2.1.2 Family *Dryopidae* Billberg, 1820 (1817)
 - 2.2.1 Family *Lutrochidae* Kasap & Crowson, 1975
 - 2.2.2 Family *Limnichidae* Erichson, 1846
 - 2.3 Family *Heteroceridae* MacLeay, 1825
 - 2.4 Family *Psephenidae* Lacordaire, 1854
 - 2.5 Family *Cneoglossidae* Champion, 1897
 - 2.6 Family *Ptilodactylidae* Laporte, 1836
 - 2.7 Family *Chelonariidae* Blanchard, 1845
 - 2.8 Family *Eulichadidae* Crowson, 1973
 - 2.9 Family *Callirhipidae* Emden, 1924
 - 4 Superfamily *Elateroidea** Leach, 1815
 - 1 Family †*Berentimiridae* Winkler, 1987
 - 2 Family †*Lasiosynidae* Kirejtshuk, Chang, Ren & Kun, 2010
 - 3.1 Family *Rhinorhipidae* Lawrence, 1988
 - 3.2 Family *Artematopodidae* Lacordaire, 1857
 - 3.3 Family *Brachypsectridae* LeConte & Horn, 1883
 - 3.4 Family *Cerophytidae* Latreille, 1834
 - 3.5 Family *Eucnemidae* Eschscholtz, 1829
 - 3.6 Family *Throscidae* Laporte, 1840
 - 3.7 Family *Elateridae** Leach, 1815 - click beetles
 - 3.8 Family *Plastoceridae* Crowson, 1972
 - 4.1 Family *Drilidae* Blanchard, 1845
 - 4.2 Family *Omalisidae* Lacordaire, 1857
 - 4.3 Family *Lycidae* Laporte, 1836
 - 4.4 Family *Telegeusidae* Leng, 1920
 - 4.5.1 Family *Phengodidae* LeConte, 1861 - glowworms
 - 4.5.2 Family *Rhagophthalmidae* Olivier, 1907
 - 4.6 Family *Lampyridae* Rafinesque, 1815 - fireflies and lightning bugs
 - 4.7 Family *Omethidae* LeConte, 1861
 - 4.8 Family *Cantharidae* Imhoff, 1856 (1815) - soldier beetles
 - 4.9 Family *Podabrocephalidae* Pic, 1930
 - 2.3.1 Series *Derodontiformia* LeConte, 1861
 - 1 Superfamily *Derodontoidea** LeConte, 1861
 - 1 Family *Derodontidae** LeConte, 1861
 - 2 Family *Nosodendridae* Erichson, 1846
 - 3 Family *Jacobsoniidae* Heller, 1926
 - 2.3.2 Series *Bostrichiformia* Forbes, 1926
 - 1 Superfamily *Bostrichoidea** Latreille, 1802
 - 1 Family *Dermestidae* Latreille, 1804
 - 2.1.1 Family *Endecatommidae* LeConte, 1861
 - 2.1.2 Family *Bostrichidae** Latreille, 1802

Systema Naturae 2000

- Order Coleoptera -

- 2.2 Family *Ptinidae* Latreille, 1802
- 2.4 Series *Cucujiformia* Lameere, 1938
 - 1 Superfamily *Lymexyloidea* Fleming, 1821
 - 1 Family *Lymexylidae** Fleming, 1821 - ship-timber beetles
 - 2 Superfamily *Cleroidea* Latreille, 1802
 - 01 Family †*Parandrexidae* Kirejtshuk, 1994
 - 02 Family *Phloiophilidae* Kiesenwetter, 1863
 - 03 Family *Trogossitidae* Latreille, 1802
 - 04 Family *Chaetosomatidae* Crowson, 1952
 - 05 Family *Metaxinidae* Kolibác, 2004
 - 06.1 Family *Thanerocleridae* Chapin, 1924
 - 06.2 Family *Cleridae** Latreille, 1802
 - 07 Family *Acanthocnemidae* Crowson, 1964
 - 08 Family *Phycosecidae* Crowson, 1952
 - 09 Family *Prionoceridae* Lacordaire, 1857
 - 10 Family *Mauroniscidae* Majer, 1995
 - 11 Family *Melyridae* Leach, 1815
 - 3 Superfamily *Cucujoidea** Latreille, 1802
 - 01 Family †*Sinisilvanidae* Hong, 2002
 - 02 Family *Boganiidae* Sen Gupta & Crowson, 1966
 - 03 Family *Byturidae* Gistel, 1848
 - 04 Family *Helotidae* Chapuis, 1876
 - 05 Family *Protocucujidae* Crowson, 1954
 - 06 Family *Sphindidae* Jacquelin du Val, 1860
 - 07 Family *Biphyllidae* LeConte, 1861
 - 08 Family *Erotylidae* Latreille, 1802
 - 09 Family *Monotomidae* Laporte, 1840
 - 10 Family *Hobartiidae* Sen Gupta & Crowson, 1966
 - 11 Family *Cryptophagidae* Kirby, 1826
 - 12 Family *Agapythidae* Sen Gupta & Crowson, 1969
 - 13 Family *Priasilphidae* Crowson, 1973
 - 14 Family *Phloeostichidae* Reitter, 1911
 - 15.1 Family *Silvanidae* Kirby, 1837
 - 15.2 Family *Cucujidae** Latreille, 1802
 - 16 Family *Myraboliidae* Lawrence & Britton, 1991
 - 17 Family *Cavognathidae* Sen Gupta & Crowson, 1966
 - 18 Family *Lamingtoniidae* Sen Gupta & Crowson, 1969
 - 19 Family *Passandridae* Blanchard, 1845
 - 20 Family *Phalacridae* Leach, 1815
 - 21 Family *Propalticidae* Crowson, 1952
 - 22 Family *Laemophloeidae* Ganglbauer, 1899
 - 23 Family *Tasmosalpingidae* Lawrence & Britton, 1991
 - 24 Family *Cyclaxyridae* Gimmel, Leschen & Slipinski, 2009
 - 25 Family *Kateretidae* Kirby, 1837
 - 26.1 Family *Nitidulidae* Latreille, 1802
 - 26.2 Family *Smicripidae* Horn, 1880
 - 27 Family *Bothrideridae* Erichson, 1845
 - 28 Family *Cerylonidae* Billberg, 1820
 - 29 Family *Alexiidae* Imhoff, 1856
 - 30 Family *Discolomatidae* Horn, 1878
 - 31 Family *Endomychidae* Leach, 1815
 - 32 Family *Coccinellidae* Latreille, 1807 - ladybird beetles
 - 33 Family *Corylophidae* LeConte, 1852
 - 34 Family *Latriiidae* Erichson, 1842
 - 35 Family *Akalyptoischidae* Lord, Hartley, Lawrence, McHugh, Whiting & Miller, 2010
 - 4 Superfamily *Tenebrionoidea* Latreille, 1802
 - 01 Family *Mycetophagidae* Leach, 1815
 - 02 Family *Archeocrypticidae* Kaszab, 1964
 - 03 Family *Pterogeniidae* Crowson, 1953
 - 04 Family *Ciidae* Leach, 1819
 - 05 Family *Tetratomidae* Billberg, 1820
 - 06 Family *Melandryidae* Leach, 1815
 - 07 Family *Mordellidae* Latreille, 1802
 - 08 Family *Ripiphoridae* Gemminger, 1870 (1853)
 - 09 Family *Zopheridae* Solier, 1834
 - 10 Family *Ulodidae* Pascoe, 1869
 - 11 Family *Promecheilidae* Lacordaire, 1859
 - 12 Family *Chalcodryidae* Watt, 1974
 - 13 Family *Trachelostenidae* Lacordaire, 1859
 - 14 Family *Tenebrionidae** Latreille, 1802 - darkling beetles
 - 15 Family *Prostomidae* Thomson, 1859
 - 16 Family *Synchroidae* Lacordaire, 1859

Systema Naturae 2000

- Order Coleoptera -

- 17 Family *Stenotrachelidae* Thomson, 1859
- 18 Family *Oedemeridae* Latreille, 1810
- 19 Family *Meloidae* Gyllenhal, 1810 - blister beetles
- 20 Family *Mycteridae* Oken, 1843
- 21 Family *Boridae* Thomson, 1859
- 22 Family *Trictenotomidae* Blanchard, 1845
- 23 Family *Pythidae* Solier, 1834
- 24 Family *Pyrochroidae* Latreille, 1807
- 25 Family *Salpingidae* Leach, 1815
- 26 Family *Anthicidae* Latreille, 1819
- 27 Family *Aderidae* Winkler, 1927
- 28 Family *Scraptiidae* Gistel, 1848
- 5.1 Superfamily *Chrysomeloidea* Latreille, 1802
 - 1.1 Family *Vesperidae* Mulsant, 1839
 - 1.2 Family *Oxypeltidae* Lacordaire, 1868
 - 1.3 Family *Disteniidae* Thomson, 1861
 - 1.4 Family *Cerambycidae* Latreille, 1802 - long-horned beetles
 - 2.1 Family *Megalopodidae* Latreille, 1802
 - 2.2 Family *Orsodacnidae* Thomson, 1859
 - 2.3 Family *Chrysomelidae** Latreille, 1802 - leaf beetles
- 5.2 Superfamily *Curculionoidea* Latreille, 1802
 - 1 Family †*Ulyanidae* Zherikhin, 1993
 - 2 Family *Nemonychidae* Bedel, 1882
 - 3 Family *Anthribidae* Billberg, 1820
 - 4 Family *Belidae* Schoenherr, 1826
 - 5 Family *Attelabidae* Billberg, 1820
 - 6 Family *Caridae* Thompson, 1992
 - 7 Family *Brentidae* Billberg, 1820 - primitive weevils
 - 8 Family *Curculionidae** Latreille, 1802 - weevils

Citation: Brands, S.J. (ed.), 2021. Classification of Order *Coleoptera* (beetles) down to Family. In *Systema Naturae 2000. The Taxonomicon*. Universal Taxonomic Services, Zwaag, The Netherlands, 25 Jan 2021. <<http://taxonomicon.taxonomy.nl/TaxonTree.aspx?src=0&id=19668>>

Sources

Slipinski, S.A., Leschen, R.A.B. & Lawrence, J.F. 2011. Order Coleoptera Linnaeus, 1758. In Z.-Q. Zhang (ed.), *Animal biodiversity: An outline of higher-level classification and survey of taxonomic richness*. *Zootaxa* **3148**, 23 Dec 2011: 203-208.

DISCLAIMER: This document is not published for nomenclatural purposes within the meaning of the International Code of Zoological Nomenclature (ICZN).