

The Taxonomicon
Systema Naturae 2000

Classification of
Class *Bivalvia*
(molluscs)
down to Order

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

1 Feb 2022

Systema Naturae 2000

- Class *Bivalvia* -

[Kingdom *Animalia*: Phylum *Mollusca* - molluscs]

Class *Bivalvia* Linnaeus, 1758 - bivalves

- 01 Family †*Archaeocardiiidae* Khalfin, 1940, incertae sedis
- 02 Family †*Camyidae* Hinz-Schallreuter, 2000, incertae sedis
- 03 Family †*Cardiolaridae* Cope, 1997, incertae sedis
- 04 Family †*Cirravidae* Chernyshev, 1935, incertae sedis
- 05 Family †*Fordillidae* Pojeta, 1975, incertae sedis
- 06 Family †*Laurskiidae* Khalfin, 1948, incertae sedis
- 07 Family †*Thoralidae* Morris, 1980, incertae sedis
- 08 Family †*Tuarangiidae* MacKinnon, 1982, incertae sedis
- 09 Subclass *Protobranchia* Pelseneer, 1889
 - 1 Family †*Afghanodesmatidae* Scarlato & Starobogatov, 1979, incertae sedis
 - 2 Family †*Antactinodiontidae* Guo, 1980, incertae sedis
 - 3 Family †*Ctenodontidae* Wöhrmann, 1893, nom. illeg., incertae sedis
 - 4 Family †*Eritropidae* Cope, 2000, incertae sedis
 - 5 Family †*Pseudocyrtonodontidae* Maillieux, 1939, incertae sedis
 - 6 Family †*Tironuculidae* Babin, 1982, incertae sedis
 - 7 Order *Nuculida* Dall, 1889
 - 8 Order *Solemyida* Dall, 1889
 - 9 Order *Nuculanida* Carter, Campbell & Campbell, 2000
- 10 Subclass *Autobranchia* Grobben, 1894
 - 1 ?Family †*Palaecardiidae* Scarlato & Starobogatov, 1979
 - 2 Family †*Cercomyidae* Crickmay, 1936, incertae sedis
 - 3 Family †*Pucamyidae* Sánchez, 2007, incertae sedis
 - 4 Superorder †*Nepiomorphia* Kríz, 2007
 - 1 Order †*Praecardiida* Newell, 1965
 - 2 Order †*Antipleurida* Kríz, 2007
 - 5 Superorder *Pteriormorphia* Beurlen, 1944
 - 01 Family †*Eligmidae* Gill, 1871, incertae sedis
 - 02 Family †*Evyaniidae* Carter, Campbell & Campbell, 2000, incertae sedis
 - 03 Family †*Ischyrodontidae* Scarlato & Starobogatov, 1979, incertae sedis
 - 04 Family †*Limatuliniidae* Waterhouse, 2001, incertae sedis
 - 05 Family †*Matheriidae* Scarlato & Starobogatov, 1979, incertae sedis
 - 06 Family †*Myodakryotidae* Tunnicliff, 1987, incertae sedis
 - 07 Family †*Pichleriidae* Scarlato & Starobogatov, 1979, incertae sedis
 - 08 Family †*Rhombopteriidae* Korobkov, 1960, incertae sedis
 - 09 Family †*Umburriidae* Johnston, 1991, incertae sedis
 - 10 Order *Mytilida* Férussac, 1822
 - 11 Order †*Cyrtodontida* Scarlato & Starobogatov, 1971
 - 12 Order *Arcida* Gray, 1854
 - 13 Order *Pteriida* Newell, 1965
 - 14 Order *Ostreida* Férussac, 1822
 - 15 Order *Pectinida* Gray, 1854
 - 16 Order *Limida* Moore, 1952
 - 6 Superorder *Heteroconchia* Gray, 1854
 - 1 Family †*Amnigeniidae* Khalfin, 1948, incertae sedis
 - 2 Family †*Lipanellidae* Sánchez, 2005, incertae sedis
 - 3 Family †*Palaeomutelidae* Lahusen, 1897, incertae sedis
 - 4 *Palaeoheterodonta* Newell, 1965
 - 1 Order *Trigoniida* Dall, 1889
 - 2 Order *Unionida* Gray, 1854
 - 5 *Heterodonta* Neumayr, 1884
 - 01 Family †*Anodontopsidae* Miller, 1889, incertae sedis
 - 02 Family †*Baidiostracidae* Fang & Cope, 2008, incertae sedis
 - 03 Family †*Carydiidae* Haffer, 1959, incertae sedis
 - 04 Family †*Intihuarellidae* Sánchez, 2003, incertae sedis
 - 05 Family †*Lyrodesmatidae* Fischer, 1886, incertae sedis
 - 06 Family †*Montanariidae* Scarlato & Starobogatov, 1979, incertae sedis
 - 07 Family †*Nyassidae* Miller, 1877, incertae sedis
 - 08 Family †*Pseudarcidae* Scarlato & Starobogatov, 1979, incertae sedis
 - 09 Family †*Redoniidae* Babin, 1966, incertae sedis
 - 10 Family †*Tanaodontidae* Liu, 1976, incertae sedis
 - 11 Family †*Zadimerodiidae* Guo, 1988, incertae sedis
 - 12 Order *Lucinida* Gray, 1854
 - 13 Order †*Actinodontida* Dechaseaux, 1952
 - 14 Order *Carditida* Dall, 1889
 - 15 Superfamily †*Anthracosioidea* Amalitzky, 1892, incertae sedis
 - 16 †"*Megalodonts*" incertae sedis
 - 17 Order †*Hippuritida* Newell, 1965
 - 18 Order *Venerida* Gray, 1854
 - 19 Order *Myida* Stoliczka, 1870
 - 20.1 Superfamily *Hiatelloidea* Gray, 1824, incertae sedis

Systema Naturae 2000

- Class *Bivalvia* -

- 20.2 Superfamily *Solenoidea* Lamarck, 1809, incertae sedis
- 21 Superfamily †*Modiomorphoidea* Miller, 1877, incertae sedis
- 22 Superfamily †*Kalenteroidea* Marwick, 1953, incertae sedis
- 23 Superfamily *Gastrochaenoidea* Gray, 1840, incertae sedis
- 24 Order *Pholadomyida* Newell, 1965
- 25 Order †*Orthonoidea* Pojeta, 1978

Citation: Brands, S.J. (ed.), 2022. Classification of Class *Bivalvia* (molluscs) down to Order. In *Systema Naturae 2000. The Taxonomicon*. Universal Taxonomic Services, Zwaag, The Netherlands, 1 Feb 2022. <<http://taxonomicon.taxonomy.nl/TaxonTree.aspx?src=0&id=39046>>

Sources

Bieler, R., Carter, J.G. & Coan, E.V., 2010. Part 2. Classification of Bivalve Families. *Malacologia* **52** (2), 1 May 2010: 113-133.

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