

The Taxonomicon
Systema Naturae 2000

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

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Universal Taxonomic Services

1 Feb 2022

Systema Naturae 2000

- Class Bivalvia -

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

Class *Bivalvia* Linnaeus, 1758 - bivalves

- 01 Family †*Archaeocardiidae* 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
 - 1 Superfamily *Nuculoidea** Gray, 1824
 - 1 Family †*Nucularciidae* Pojeta & Stott, 2007
 - 2 Family †*Palaeoconchidae* Miller, 1889
 - 3 Family †*Praenuculidae* McAlester, 1969
 - 4 Family *Nuculidae** Gray, 1824 - nut clams
 - 5 Family *Sareptidae* Stoliczka, 1870
 - 8 Order *Solemyida* Dall, 1889
 - 1 Superfamily *Solemyoidea** Gray, 1840
 - 1 Family *Solemyidae** Gray, 1840 - awning clams
 - 2 Superfamily *Manzanelloidea* Chronic, 1952
 - 1 Family *Manzanellidae** Chronic, 1952
 - 9 Order *Nuculanida* Carter, Campbell & Campbell, 2000
 - 1 Superfamily *Nuculanoidea** Adams & Adams, 1858 (1854)
 - 01 Family †*Cadomiidae* Scarlato & Starobogatov, 1979
 - 02 Family †*Cucullellidae* Fischer, 1886
 - 03 Family †*Isoarcidae* Keen, 1969
 - 04 Family †*Palaeoneilidae* Babin, 1966
 - 05 Family †*Polidevciidae* Kumpera, Prantl & Rzicka, 1960, incertae sedis
 - 06 Family *Tindariidae* Verrill & Bush, 1897
 - 07 Family *Phaseolidae* Scarlato & Starobogatov, 1971
 - 08 Family *Nuculanidae** Adams & Adams, 1858 (1854) - pointed nut clams
 - 09 Family *Bathyspinulidae* Coan & Valentich-Scott, 1997
 - 10 Family *Yoldiidae* Dall, 1908
 - 11 Family *Siliculidae* Allen & Sanders, 1973
 - 12 Family *Malletiidae* Adams & Adams, 1858 (1846)
 - 13 Family *Neilonellidae* Schileyko, 1989
 - 10 Subclass *Autobranchia* Grobben, 1894
 - 1 ?Family †*Palaeocardiidae* 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
 - 1 Superfamily †*Praecardioidae** Hoernes, 1884
 - 1 Family †*Buchiolidae* Grimm, 1998
 - 2 Family †*Praecardiidae** Hoernes, 1884
 - 2 Superfamily †*Cardioloidea* Hoernes, 1884
 - 1 Family †*Cardiolidae** Hoernes, 1884
 - 2 Family †*Slavidae* Kríz, 1982
 - 2 Order †*Antipleurida* Kríz, 2007
 - 1 Superfamily †*Dualinoidea* Conrath, 1887
 - 1 Family †*Dualinidae** Conrath, 1887
 - 2 Family †*Spanilidae* Kríz, 2007
 - 3 Family †*Stolidotidae* Starobogatov, 1977
 - 5 Superorder *Pteriomorphia* Beurlen, 1944
 - 01 Family †*Eligmidae* Gill, 1871, incertae sedis
 - 02 Family †*Evyanidae* 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 †*Umburridae* Johnston, 1991, incertae sedis
 - 10 Order *Mytilida* Férussac, 1822

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- Class Bivalvia -

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- 1 Superfamily †*Modiolopsoidea* Fischer, 1886
 - 1 Family †*Colpomyidae* Pojeta & Gilbert-Tomlinson, 1977
 - 2 Family †*Modiolopsidae** Fischer, 1886
 - 3 Family †*Saffordiidae* Scarlato & Starobogatov, 1979
 - 2 Superfamily *Mytiloidea** Rafinesque, 1815
 - 1 Family †*Mysidiellidae* Cox, 1964
 - 2 Family *Mytilidae** Rafinesque, 1815 - marine mussels
 - 11 Order †*Cyrtodontida* Scarlato & Starobogatov, 1971
 - 1 Superfamily †*Cyrtodontoidea** Ulrich, 1894
 - 1 Family †*Cyrtodontidae** Ulrich, 1894
 - 2 Family †*Ptychodesmatidae* Scarlato & Starobogatov, 1984
 - 2 Superfamily †*Falcatodontoidea* Cope, 1996
 - 1 Family †*Falcatodontidae** Cope, 1996
 - 12 Order *Arcida* Gray, 1854
 - 1 Family †*Catamarcaiidae* Cope, 2000, incertae sedis
 - 2 Superfamily †*Glyptarcoidea* Cope, 1996
 - 1 Family †*Glyptarcidae** Cope, 1996
 - 3 Superfamily *Arcoidea** Lamarck, 1809
 - 1 Family †*Frejidae* Ratter & Cope, 1998
 - 2 Family *Arcidae** Lamarck, 1809 - arks
 - 3 Family *Noetiidae* Stewart, 1930
 - 4 Family *Parallelodontidae* Dall, 1898
 - 5 Family *Cucullaeidae* Stewart, 1930
 - 6 Family *Glycymerididae* Dall, 1908 (1847) - glycymerids
 - 4 Superfamily *Limopsoidea* Dall, 1895
 - 1 Family *Limopsidae** Dall, 1895
 - 2 Family *Philobryidae* Bernard, 1897
 - 13 Order *Pteriida* Newell, 1965
 - 1 Superfamily †*Ambonychioidea* Miller, 1877
 - 01 ?Family †*Abiellidae* Starobogatov, 1970
 - 02 ?Family †*Kinerkaellidae* Scarlato & Starobogatov, 1979
 - 03 ?Family †*Lunulacardiidae* Fischer, 1887
 - 04 ?Family †*Prokopievskiidae* Vokes, 1967
 - 05 Family †*Alatoconchidae* Termier, Termier & de Lapparent, 1974
 - 06 Family †*Ambonychiidae** Miller, 1877
 - 07 Family †*Inoceramidae* Giebel, 1852
 - 08 Family †*Monopteriidae* Newell, 1969
 - 09 Family †*Myalinidae* Frech, 1891
 - 10 Family †*Ramonalinidae* Yancey, Wilson & Mione, 2009
 - 2 Superfamily *Pterioidea** Gray, 1847 (1820)
 - 01 ?Family †*Cassianellidae* Ichikawa, 1958
 - 02 ?Family †*Kochiidae* Frech, 1891
 - 03 Family †*Bakevelliidae* King, 1850
 - 04 Family †*Pergamidiidae* Cox, 1964
 - 05 Family †*Plicatostylidae* Lupher & Packard, 1929
 - 06 Family †*Posidoniidae* Neumayr, 1891
 - 07 Family †*Pterineidae* Meek, 1864
 - 08 Family †*Retroceramidae* Koschelkina, 1980
 - 09 Family *Pteriidae** Gray, 1847 (1820) - winged oysters
 - 10 Family *Malleidae* Lamarck, 1818 - hammer oysters
 - 11 Family *Isognomonidae* Woodring, 1925 (1828)
 - 12 Family *Pulvinitidae* Stephenson, 1941
 - 3 Superfamily *Pinnoidea* Leach, 1819
 - 1 Family *Pinnidae** Leach, 1819 - pen clams
 - 14 Order *Ostreida* Férussac, 1822
 - 1 Superfamily *Ostreoidea** Rafinesque, 1815
 - 1 Family †*Arctostreidae* Vialov, 1983
 - 2 Family †*Chondrodontidae* Freneix, 1960
 - 3 Family *Ostreidae** Rafinesque, 1815 - true oysters
 - 4 Family *Gryphaeidae* Vialov, 1936
 - 15 Order *Pectinida* Gray, 1854
 - 01 Family †*Euchondriidae* Newell, 1938, incertae sedis
 - 02 Family †*Praeostreidae* Kríz, 1966, incertae sedis
 - 03 Family †*Prospodylidae* Pchelintseva, 1960, incertae sedis
 - 04 Family †*Saharopteriidae* Termier & Termier, 1972, incertae sedis
 - 05 Family †*Vlastidae* Neumayr, 1891, incertae sedis
 - 06 Superfamily †*Aulacomyelloidea* Ichikawa, 1958
 - 1 Family †*Aulacomyellidae** Ichikawa, 1958
 - 2 Family †*Bositridae* Waterhouse, 2008
 - 07 Superfamily †*Aviculopectinoidea* Meek & Hayden, 1865
 - 1 Family †*Aviculopectinidae** Meek & Hayden, 1865
 - 2 Family †*Deltopectinidae* Dickins, 1957
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- Class Bivalvia -

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- 08 Superfamily †*Buchioidea* Cox, 1953 (1886)
 - 1 Family †*Manticulidae* Waterhouse, 2008
 - 2 Family †*Buchiidae** Cox, 1953 (1886), nom. cons.
 - 3 Family †*Eurydesmatidae* Reed, 1932
 - 09 Superfamily †*Chaenocardioidea* Miller, 1889
 - 1 ?Family †*Binipectinidae* Feng & Liu, 1990
 - 2 Family †*Chaenocardiidae** Miller, 1889
 - 3 Family †*Streblochondriidae* Newell, 1938
 - 10 Superfamily †*Halobioidea* Kittl, 1912
 - 1 ?Family †*Daonellidae* Neumayr, 1891
 - 2 Family †*Clarauidae* Gavrilova, 1996
 - 3 Family †*Halobiidae** Kittl, 1912
 - 11 Superfamily †*Heteropectinoidea* Beurlen, 1954
 - 1 Family †*Acanthopectinidae* Newell & Boyd, 1995
 - 2 Family †*Annuliconchidae* Astafieva, 1995
 - 3 Family †*Heteropectinidae** Beurlen, 1954
 - 4 Family †*Limipectinidae* Newell & Boyd, 1990
 - 12 Superfamily †*Leiopectinoidea* Krasilova, 1959
 - 1 Family †*Leiopectinidae** Krasilova, 1959
 - 13 Superfamily †*Monotoidea* Fischer, 1886
 - 1 Family †*Dolponellidae* Waterhouse, 2001
 - 2 Family †*Monotidae** Fischer, 1886
 - 14 Superfamily †*Oxytomoidea* Ichikawa, 1958
 - 1 Family †*Otapiriidae* Waterhouse, 1982
 - 2 Family †*Oxytomidae** Ichikawa, 1958
 - 15 Superfamily †*Pseudomonotoidea* Newell, 1938
 - 1 Family †*Hunanopectinidae* Yin, 1985
 - 2 Family †*Pseudomonotidae** Newell, 1938
 - 3 Family †*Terquemidae* Cox, 1964
 - 16 Superfamily †*Pterinopectinoidea* Newell, 1938
 - 1 Family †*Natalissimidae* Waterhouse, 2008
 - 2 Family †*Pterinopectinidae** Newell, 1938
 - 17 Superfamily *Plicatuloidea* Gray, 1854
 - 1 Family *Plicatulidae** Gray, 1854
 - 18 Superfamily *Dimyioidea* Fischer, 1886
 - 1 Family *Dimyidae** Fischer, 1886
 - 19 Superfamily *Pectinoidea** Rafinesque, 1815
 - 1 Family †*Entolioidesidae* Kasum-Zade, 2003
 - 2 Family †*Neitheidae* Sobetski, 1960
 - 3 Family †*Pernopectinidae* Newell, 1938
 - 4 Family †*Tosapectinidae* Trushchelev, 1984
 - 5 Family *Pectinidae** Rafinesque, 1815 - scallops
 - 6 Family *Entoliidae* Teppner, 1922
 - 7 Family *Propeamussiidae* Abbott, 1954
 - 8 Family *Spondylidae* Gray, 1826 - thorny oysters
 - 20 Superfamily *Anomioidea* Rafinesque, 1815
 - 1 Family †*Permanomiidae* Carter, 1990
 - 2 Family *Anomiidae** Rafinesque, 1815 - jingles
 - 3 Family *Placunidae* Rafinesque, 1815
 - 16 Order *Limida* Moore, 1952
 - 1 Superfamily *Limoidea** Rafinesque, 1815
 - 1 Family *Limidae** Rafinesque, 1815 - file clams
 - 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
 - 1 Superfamily †*Beichuanioidae* Liu & Gu, 1988
 - 1 Family †*Beichuaniidae** Liu & Gu, 1988
 - 2 Superfamily †*Megatrigonioidae* van Hoepen, 1929
 - 1 Family †*Iotrigoniidae* Saveliev, 1958
 - 2 Family †*Megatrigoniidae** van Hoepen, 1929
 - 3 Family †*Rutitrigoniidae* van Hoepen, 1929
 - 3 Superfamily †*Myophorelloidea* Kobayashi, 1954
 - 1 Family †*Buchotrigoniidae* Leanza, 1993
 - 2 Family †*Laevitrigoniidae* Saveliev, 1958
 - 3 Family †*Myophorellidae** Kobayashi, 1954
 - 4 Family †*Vaugoniidae* Kobayashi, 1954
 - 4 Superfamily *Trigonioidae** Lamarck, 1819
 - 1 Family †*Eoschizodidae* Newell & Boyd, 1975
 - 2 Family †*Groeberellidae* Pérez, Reyes & Damborenea, 1995

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- 3 Family †*Myophoriidae* Bronn, 1849
 - 4 Family †*Prosogyrotrigoniidae* Kobayashi, 1954
 - 5 Family †*Scaphellinidae* Newell & Ciriacks, 1962
 - 6 Family †*Schizodidae* Newell & Boyd, 1975
 - 7 Family †*Sinodoridae* Pojeta & Zhang, 1984
 - 8 Family *Trigoniidae** Lamarck, 1819
 - 2 Order *Unionida* Gray, 1854
 - 01 ?Superfamily †*Archanodontoidea* Modell, 1957
 - 1 Family †*Archanodontidae** Modell, 1957
 - 02 Genus *Aximedia* Rafinesque, 1820, incertae sedis
 - 03 Genus *Diplasma* Rafinesque, 1831, incertae sedis
 - 04 Genus *Hemisolasma* Rafinesque, 1831, incertae sedis
 - 05 Genus *Lapidosus* Simpson, 1900, incertae sedis
 - 06 Genus *Leucosilla* Rafinesque, 1831, incertae sedis
 - 07 Genus *Limnoica* Gray, 1857, incertae sedis
 - 08 Genus *Nemrodia* Pallary, 1939, incertae sedis
 - 09 Genus *Securilla* Drouët, 1855, incertae sedis
 - 10 Family †*Desertellidae* Dechaseaux, 1947, incertae sedis
 - 11 Family †*Trigonodidae* Modell, 1942, incertae sedis
 - 12 Family †*Utschamiellidae* Kolesnikov, 1977, incertae sedis
 - 13 Superfamily †*Trigonioidoidea* Cox, 1952
 - 1 ?Family †*Jilinoconchidae* Ma, 1989
 - 2 Family †*Nakamuranaiadidae* Guo, 1981
 - 3 Family †*Plicatounionidae* Chen, 1987
 - 4 Family †*Pseudohyriidae* Kobayashi, 1968
 - 5 Family †*Sainschandiidae* Kolesnikov, 1977
 - 6 Family †*Trigonioididae** Cox, 1952
 - 14 Superfamily *Unionoidea** Rafinesque, 1820
 - 1 ?Family †*Liaoningiidae* Yu & Dong, 1993, nom. illeg.
 - 2 Family †*Sanctiacarolitidae* Simone & Mezzalira, 1997
 - 3 Family *Margaritiferae* Henderson, 1929 (1910), nom. cons. - freshwater pearl mussels
 - 4 Family *Unionidae** Rafinesque, 1820 - pearly mussels
 - 15 Superfamily *Hyrioidea* Swainson, 1840
 - 1 Family *Hyriidae** Swainson, 1840
 - 16 Superfamily *Etherioidea* Deshayes, 1832
 - 1 Family *Iridinidae* Swainson, 1840
 - 2 Family *Mycetopodidae* Gray, 1840
 - 3 Family *Etheriidae** Deshayes, 1832 - freshwater oysters
 - 5 *Heterodonta* Neumayr, 1884
 - 01 Family †*Anodontopsidae* Miller, 1889, incertae sedis
 - 02 Family †*Baidiostracidae* Fang & Cope, 2008, incertae sedis
 - 03 Family †*Caryiidae* Haffer, 1959, incertae sedis
 - 04 Family †*Intihuarrellidae* 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
 - 1 Superfamily †*Babinkoidea* Horný, 1960
 - 1 Family †*Babinkidae** Horný, 1960
 - 2 Family †*Coxiconchiidae* Babin, 1977
 - 2 Superfamily *Lucinoidea** Fleming, 1828
 - 1 Family †*Mactromyidae* Cox, 1929 (1887)
 - 2 Family †*Paracyclidae* Johnston, 1993
 - 3 Family *Lucinidae** Fleming, 1828 - lucines
 - 3 Superfamily *Thyasiroidea* Dall, 1900 (1895)
 - 1 Family *Thyasiridae** Dall, 1900 (1895)
 - 13 Order †*Actinodontida* Dechaseaux, 1952
 - 1 Superfamily †*Cycloconchoidea** Ulrich, 1894
 - 1 Family †*Actinodontidae* Davies, 1933, nom. illeg.
 - 2 Family †*Cycloconchidae** Ulrich, 1894
 - 14 Order *Carditida* Dall, 1889
 - 1 Family †*Aenigmoconchidae* Betekhtina, 1968, incertae sedis
 - 2 Family †*Myophoricardiidae* Chavan, 1969, incertae sedis
 - 3 Family †*Palaeocarditidae* Chavan, 1969, incertae sedis
 - 4 Family *Cardiniidae* Zittel, 1881, incertae sedis
 - 5 Superfamily *Carditoidea** Férussac, 1822
 - 1 Family *Carditidae** Férussac, 1822 - little heart shells
 - 2 Family *Condylocardiidae* Bernard, 1896

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- Class Bivalvia -

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- 6 Superfamily *Crassatelloidea* Férussac, 1822
 - 1 Family †*Eodonidae* Carter, Campbell & Campbell, 2000
 - 2 Family †*Ptychomyidae* Keen, 1969
 - 3 Family *Crassatellidae** Férussac, 1822
 - 4 Family *Astartidae* d'Orbigny, 1844 (1840) - astarte clams
 - 15 Superfamily †*Anthracosioidea* Amalitzky, 1892, incertae sedis
 - 1 ?Family †*Opokiellidae* Kanev, 1983
 - 2 Family †*Anthracosuidae** Amalitzky, 1892
 - 3 Family †*Carbonicolidae* Cox, 1932
 - 4 Family †*Prilukiellidae* Starobogatov, 1970
 - 5 Family †*Shaanxiconchidae* Liu, 1980
 - 6 Family †*Sinomyidae* Scarlato & Starobogatov, 1979
 - 16 †*Megalodonts* " incertae sedis"
 - 1 Family †*Congeriomorphidae* Saul, 1976
 - 2 Family †*Dicerocardiidae* Kutassy, 1934
 - 3 Family †*Mecynodontidae* Haffer, 1959
 - 4 Family †*Megalodontidae** Morris & Lycett, 1853
 - 5 Family †*Pachyrismatidae* Scarlato & Starobogatov, 1979
 - 6 Family †*Plethocardiidae* Scarlato & Starobogatov, 1979
 - 7 Family †*Wallowaconchidae* Yancey & Stanley, 1999
 - 17 Order †*Hippuritida* Newell, 1965
 - 1 Superfamily †*Radiolitoidea* d'Orbigny, 1847
 - 01 Family †*Antilocaprinidae* MacGillavry, 1937
 - 02 Family †*Caprinidae* d'Orbigny, 1847
 - 03 Family †*Caprinulidae* Yanin, 1990
 - 04 Family †*Caprotinidae* Gray, 1848
 - 05 Family †*Diceratidae* Dall, 1895
 - 06 Family †*Hippuritidae* Gray, 1848
 - 07 Family †*Ichthyosarcotitidae* Douvillé, 1887 (1871)
 - 08 Family †*Monopleuridae* Munier-Chalmas, 1873
 - 09 Family †*Plagioptychidae* Douvillé, 1888
 - 10 Family †*Radiolitidae** d'Orbigny, 1847
 - 11 Family †*Trechmannellidae* Cox, 1934
 - 2 Superfamily †*Requienioidea* Kutassy, 1934
 - 1 Family †*Epidiceratidae* Rengarten, 1950
 - 2 Family †*Requeniidae** Kutassy, 1934
 - 18 Order *Venerida* Gray, 1854
 - 01 Family *Hemidonacidae* Scarlato & Starobogatov, 1971, incertae sedis
 - 02 Superfamily *Ungulinoidea* Gray, 1854
 - 1 Family *Ungulinidae** Gray, 1854
 - 03 Superfamily *Cyrenoidoidea* Adams & Adams, 1857 (1853)
 - 1 Family *Cyrenoididae** Adams & Adams, 1857 (1853)
 - 04 Superfamily *Galeommatoidea* Gray, 1840
 - 1 Family *Galeommatidae** Gray, 1840
 - 2 Family *Lasaeidae* Gray, 1842
 - 05 Superfamily *Cyamioidea* Sars, 1878
 - 1 Family *Cyamiidae** Sars, 1878
 - 2.1 Family *Sportellidae* Dall, 1899
 - 2.2 Family *Basterotiidae* Cossmann, 1909
 - 3 Family *Galatheavalvidae* Knudsen, 1970
 - 06 Superfamily *Chamoidea* Lamarck, 1809
 - 1 Family *Chamidae** Lamarck, 1809 - jewel boxes
 - 07 Superfamily *Cardioidea* Lamarck, 1809
 - 1 Family *Cardiidae** Lamarck, 1809 - cockles
 - 08 Superfamily *Mactroidea* Lamarck, 1809
 - 1 Family *Mactridae** Lamarck, 1809 - surf clams
 - 2 Family *Mesodesmatidae* Gray, 1840
 - 3 Family *Cardiliidae* Fischer, 1887
 - 4 Family *Anatinellidae* Gray, 1853
 - 09 Superfamily *Tellinoidea* Blainville, 1814
 - 01 Family †*Icanotiidae* Casey, 1961
 - 02 Family †*Quenstedtiidae* Cox, 1929
 - 03 Family †*Sowerbyidae* Cox, 1929
 - 04 Family †*Tancrediidae* Meek, 1864
 - 05 Family †*Unicardiopsidae* Chavan, 1969
 - 06 Family *Tellinidae** Blainville, 1814 - tellinids
 - 07 Family *Semelidae* Stoliczka, 1870 (1825) - semelids
 - 08 Family *Psammobiidae* Fleming, 1828 - sunset clams
 - 09 Family *Solecurtidae* d'Orbigny, 1846 - razor clams
 - 10 Family *Donacidae* Fleming, 1828 - wedge shells
 - 10 Superfamily *Dreissenoidae* Gray, 1840
 - 1 Family *Dreissenidae** Gray, 1840
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- Class Bivalvia -

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- 11 Superfamily *Gaimardioidea* Hedley, 1916
 - 1 Family *Gaimardiidae** Hedley, 1916
 - 12 Superfamily *Arcticoidea* Newton, 1891 (1844)
 - 1 Family †*Euloxidae* Gardner, 1943
 - 2 Family †*Isocyprinae* Gardner, 2005
 - 3 Family †*Pollicidae* Stephenson, 1953
 - 4 Family †*Veniellidae* Dall, 1895
 - 5 Family *Arcticidae** Newton, 1891 (1844)
 - 6 Family *Trapezidae* Lamy, 1920 (1895), orth. cons.
 - 13 Superfamily *Glossioidea* Gray, 1847 (1840)
 - 1 Family *Glossidae** Gray, 1847 (1840) - oxheart clams
 - 2 Family *Kelliellidae* Fischer, 1887
 - 3 Family *Vesicomomyidae* Dall & Simpson, 1901
 - 14 Superfamily *Cyrenoidea* Gray, 1840
 - 1 ?Family *Glauconomidae* Gray, 1853
 - 2 Family *Cyrenidae* Gray, 1840
 - 15 Superfamily *Sphaerioidea* Deshayes, 1855 (1820)
 - 1 ?Family †*Ferganoconchidae* Martinson, 1961
 - 2 ?Family †*Neomiodontidae* Casey, 1955
 - 3 Family †*Kijidae* Kolesnikov, 1977
 - 4 Family †*Limnocyrenidae* Kolesnikov, 1977
 - 5 Family †*Pseudocardiniidae* Martinson, 1961
 - 6 Family †*Sibireconchidae* Kolesnikov, 1977
 - 7 Family *Sphaeriidae** Deshayes, 1855 (1820) - freshwater fingernail clams
 - 16 Superfamily *Veneroidea** Rafinesque, 1815
 - 1 Family *Neoleptonidae* Thiele, 1934
 - 2 Family *Veneridae** Rafinesque, 1815 - venus clams
 - 19 Order *Myida* Stoliczka, 1870
 - 1 Superfamily *Myoidea** Lamarck, 1809
 - 1 Family †*Pleurodesmatidae* Cossmann, 1909
 - 2 Family †*Raetomyidae* Newton, 1919
 - 3 Family *Myidae** Lamarck, 1809 - soft-shelled clams
 - 4 Family *Corbulidae* Lamarck, 1818
 - 5 Family *Erodonidae* Winckworth, 1932
 - 2 Superfamily *Pholadoidea* Lamarck, 1809
 - 1.1 Family *Pholadidae** Lamarck, 1809 - piddocks
 - 1.2 Family *Xylophagaidae* Purchon, 1941
 - 2 Family *Teredinidae* Rafinesque, 1815 - shipworms
 - 20.1 Superfamily *Hiatelloidea* Gray, 1824, incertae sedis
 - 1 Family *Hiatellidae** Gray, 1824 - geoducks
 - 20.2 Superfamily *Solenoidea* Lamarck, 1809, incertae sedis
 - 1 Family †*Rzehakiidae* Korobkov, 1954
 - 2 Family *Solenidae** Lamarck, 1809 - razor clams
 - 3 Family *Pharidae* Adams & Adams, 1856
 - 21 Superfamily †*Modiomorphoidea* Miller, 1877, incertae sedis
 - 1 Family †*Cypricardiniidae* Ulrich, 1894
 - 2 Family †*Hippopodiumidae* Cox, 1969
 - 3 Family †*Modiomorphidae** Miller, 1877
 - 4 Family †*Palaeopharidae* Marwick, 1953
 - 5 Family †*Tusayanidae* Scarlato & Starobogatov, 1979
 - 22 Superfamily †*Kalenteroidea* Marwick, 1953, incertae sedis
 - 1 Family †*Kalenteridae* Marwick, 1953
 - 23 Superfamily *Gastrochaenoidea* Gray, 1840, incertae sedis
 - 1 Family *Gastrochaenidae** Gray, 1840 - rock borers
 - 24 Order *Pholadomyida* Newell, 1965
 - 1 Family †*Ucumariidae* Sánchez, 2003, incertae sedis
 - 2 Superfamily †*Ceratomyoidea* Arkell, 1934
 - 1 Family †*Ceratomyidae** Arkell, 1934
 - 3 Superfamily †*Edmondioidea* King, 1850
 - 1 Family †*Edmondiidae** King, 1850
 - 2 Family †*Pachydomidae* Fischer, 1887
 - 4 Superfamily *Pholadomyoidea** King, 1844
 - 1 ?Family †*Ceratomyopsidae* Cox, 1964
 - 2 Family †*Burmesidae* Healey, 1908
 - 3 Family †*Grammysiidae* Miller, 1877
 - 4 Family †*Margaritariidae* Vokes, 1964
 - 5 Family †*Pleuromyidae* Zittel, 1895
 - 6 Family †*Sanguinolitidae* Miller, 1877
 - 7 Family *Pholadomyidae** King, 1844
 - 8 Family *Parilimyidae* Morton, 1981
 - 5 Superfamily *Thracioidea* Stoliczka, 1870 (1839)
 - 1 Family *Thraciidae** Stoliczka, 1870 (1839)
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- 2 Family *Laternulidae* Hedley, 1918
- 3 Family *Periplomatidae* Dall, 1895
- 6 Superfamily *Pandoroidea* Rafinesque, 1815
 - 1 Family *Lyonsiidae* Fischer, 1887
 - 2 Family *Pandoridae** Rafinesque, 1815
- 7 Superfamily *Myochamoidea* Carpenter, 1861
 - 1 Family *Myochamidae** Carpenter, 1861
 - 2 Family *Cleidothaeridae* Hedley, 1918 (1870)
- 8 Superfamily *Clavagelloidea* d'Orbigny, 1844
 - 1 Family *Clavagellidae** d'Orbigny, 1844, nom. protect.
 - 2 Family *Penicillidae* Gray, 1858
- 9 *Septibranchia* Pelseneer, 1888
 - 1 Superfamily *Poromyoidea* Dall, 1886
 - 1 Family *Cetoconchidae* Ridewood, 1903
 - 2 Family *Poromyidae** Dall, 1886
 - 2.1 Superfamily *Cuspidarioidea* Dall, 1886
 - 1 ?Family *Spheniopsidae* Gardner, 1928
 - 2 Family *Cuspidariidae** Dall, 1886
 - 3 Family *Halonymphidae* Scarlato & Starobogatov, 1983
 - 4 Family *Protocuspidariidae* Scarlato & Starobogatov, 1983
 - 2.2 Superfamily *Verticordioidea* Stoliczka, 1870
 - 1 Family *Euciroidae* Dall, 1895
 - 2 Family *Lyonsiellidae* Dall, 1895
 - 3 Family *Verticordiidae** Stoliczka, 1870
- 25 Order †*Orthonotida* Pojeta, 1978
 - 1 Superfamily †*Orthonotoidea** Miller, 1877
 - 1 ?Family †*Prothyridae* Miller, 1889
 - 2 Family †*Konduriidae* Sánchez, 2007
 - 3 Family †*Orthonotidae** Miller, 1877
 - 4 Family †*Solenomorphidae* Cockerell, 1915

Citation: Brands, S.J. (ed.), 2022. Classification of Class *Bivalvia* (molluscs) down to Family. 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.

Bouchet, P. & Rocroi, J.-P., 2010. Part 1. Nomenclator of Bivalve Names of the Family-Group and Above. *Malacologia* **52** (2), 1 May 2010: 4-112.

Millard, V.G., 1997. *Classification of Mollusca*, Apr 1997: 1-427.

MolluscaBase, 2015-present. *MolluscaBase*.

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