

List of Bivalvia of British Columbia (2007)

by
Robert Forsyth

This list is mostly derived from Coan *et al.* (2000). Freshwater taxa are largely based on Clarke (1981) with a number of modifications.

Coan, E.V., P. Valentich Scott, & F.R. Bernard. 2000. *Bivalve Seashells of Western North America: Marine Bivalve Mollusks from Arctic Alaska to Baja California*. Santa Barbara Museum of Natural History Monographs 2.

Clarke, A.H. 1981. *The Freshwater Molluscs of Canada*. National Museum of Natural Sciences, National Museums of Canada, Ottawa.

Class Bivalvia

Subclass Protobranchia

Order Solemyoidea

Superfamily Solemyoidea

Family Solemyidae

Genus *Solemya*

Subgenus *Solemya*

Solemya reidi F.R. Bernard, 1980

Genus *Acharax*

Acharax johnsoni (Dall, 1891)

Order Nuculoidea

Superfamily Nuculoidea

Family Nuculidae

Genus *Nucula*

Subgenus *Lamellinucula*

Nucula carlottensis Dall, 1897

Genus *Acila*

Subgenus *Truncacila*

Acila castrensis (Hinds, 1843)

Genus *Ennucula*

Ennucula linki (Dall, 1916)

Ennucula tenuis (Montagu, 1808)

Superfamily Pristiglomoidea

Family Pristiglomidae

Subfamily Pristiglominae

Genus *Pristigloma*

Pristigloma nitens (Jeffreys, 1876)

Subfamily Setiglominae

Genus *Setigloma*

Setigloma japonica (E.A. Smith, 1885)

Superfamily Nuculanoidea

Family Nuculanidae

Subfamily Nuculaninae

Genus *Nuculana*

Subgenus *Nuculana*

Nuculana extenuata (Dall, 1897)

Nuculana hamata (Carpenter, 1864)
Nuculana leonina (Dall, 1896)
Nuculana minuta (Müller, 1776)
Nuculana navisa (Dall, 1916)
Nuculana pernula (Müller, 1779)
 Subgenus *Jupiteria*
Nuculana cellulita (Dall, 1896)
Nuculana penderi (Dall & Bartsch, 1910)
 Subgenus *Tenuileda*
Nuculana conceptionis (Dall, 1896)
 Subfamily Ledellinae
 Genus *Ledella*
 Subgenus *Ledella*
Ledella sandersi Filatova & Schileyko, 1984
 Genus *Ledellina*
Ledellina convexirostrata Filatova & Schileyko, 1984
 Family Malletiidae
 Genus *Malletia*
Malletia faba Dall, 1897
Malletia pacifica Dall, 1897
Malletia talama Dall, 1916
 Genus *Katadesmia*
Katadesmia vincula (Dall, 1908)
 Family Neilonellidae
 Genus *Neilonella*
Neilonella brunnea (Dall, 1916)
 Genus *Austrotindaria*
Austrotindaria gibbsii (Dall, 1897)
 Family Yoldiidae
 Subfamily Yoldiinae
 Genus *Yoldia*
 Subgenus *Yoldia*
Yoldia hyperborea (A.A. Gould, 1841)
Yoldia myalis (Couthouy, 1838)
 Subgenus *Cnesterium*
Yolida seminuda Dall, 1871
 Subgenus *Megayoldia*
Yoldia martyria (Dall, 1897)
Yoldia montereyensis (Dall, 1893)
Yoldia thraciaeformis (Storer, 1838)
 Subfamily Yoldiellinae
 Genus *Yoldiella*
Yoldiella nana (M. Sars, 1865)
Yoldiella orcia (Dall, 1916)
 Family Tindariidae
 Genus *Tindaria*
Tindaria kennerlyi (Dall, 1897)
 Subclass Pteriomorpha
 Order Arcoida

Superfamily Arcoidea
 Family Arcidae
 Subfamily Anadarinae
 Genus *Bathyarca*
 Bathyarca nucleator (Dall, 1908)

Superfamily Glycymeridoidea
 Family Glycymerididae
 Subfamily Glycymeridinae
 Genus *Glycymeris*
 Subgenus *Axinola*
 Glycymeris septentrionalis (Middendorff, 1849)

Superfamily Limopsoidea
 Family Limopsidae
 Genus *Limopsis*
 Limopsis tenella Jeffreys, 1876
 Genus *Empleconia*
 Empleconia vaginata (Dall, 1891)

Superfamily Philobryoidea
 Family Philobryidae
 Genus *Philobrya*
 Philobrya setosa (Carpenter, 1864)

Superfamily Mytiloidea
 Family Mytilidae
 Subfamily Mytilinae
 Genus *Mytilus*
 Mytilus californianus Conrad, 1837
 Mytilus galloprovincialis Lamarck, 1819
 Mytilus trossulus A.A. Gould, 1850
 Subfamily Crenellinae
 Genus *Crenella*
 Crenella decussata (Montagu, 1808)
 Genus *Musculista*
 Musculista senhousia (W.H. Benson in Cantor, 1842)
 Genus *Musculus*
 Musculus discors (Linnaeus, 1767)
 Musculus glacialis (Leche, 1883)
 Musculus niger (J.E. Gray, 1824)
 “***Musculus***” ***taylori*** (Dall, 1897)
 Genus *Solamen*
 Solamen columbianum (Dall, 1897)
 Genus *Vilasina*
 Vilasina seminuda (Dall, 1897)

 Subfamily Dacrydiinae
 Genus *Dacrydium*
 Subgenus *Dacrydium*
 Dacrydium pacificum Dall, 1916

 Subfamily Lithophaginae
 Genus *Adula*
 Adula californiensis (R.A. Philippi, 1847)

Subfamily Modiolinae
 Genus *Modiolus*
 Subgenus *Modiolus*
 Modiolus modiolus (Linnaeus, 1758)
 Subgenus *Modiolusia*
 Modiolus rectus (Conrad, 1837)

Order Limoida
 Superfamily Limoidea
 Family Limidae
 Genus *Limatula*
 Subgenus *Limatula*
 Limatula attenuata Dall, 1916
 Limatula saturna F.R. Bernard, 1978
 Limatula vancouverensis F.R. Bernard, 1978

Order Ostreoida
 Suborder Ostreina
 Superfamily Ostreoidea
 Family Ostreidae
 Subfamily Ostreinae
 Genus *Ostrea*
 Ostrea conchaphila (Carpenter, 1857)
 Subfamily Crassostreinae
 Genus *Crassostrea*
 Crassostrea gigas (Thunberg, 1793)
 Crassostrea virginica (Gmelin, 1791)

Suborder Pectinina
 Superfamily Pectinoidea
 Family Pectinidae
 Subfamily Camptonectinae
 Genus *Delectopecten*
 Delectopecten vancouverensis (Whiteaves, 1893)
 Subfamily Chlamydiae
 Tribe Chlamydini
 Genus *Chlamys*
 Chlamys hastata (G.B. Sowerby II, 1842)
 Chlamys rubida (Hinds, 1845)
 Tribe Crassadomini
 Genus *Crassadoma*
 Crassadoma gigantea (J.E. Gray, 1825)
 Tribe Fortipectinini
 Genus *Patinopecten*
 Patinopecten caurinus (A.A. Gould, 1850)

Family Propeamussiidae
 Genus *Cyclopecten*
 Cyclopecten carlottensis F.R. Bernard, 1968
 Cyclopecten davidsoni (Dall, 1897)
 Cyclopecten greenlandicus (G.B. Sowerby II, 1842)
 Cyclopecten knudseni F.R. Bernard, 1978
 Genus *Parvamussium*

Parvamussium alaskense (Dall, 1871)

Superfamily Anomioidea
 Family Anomiidae
 Genus *Pododesmus*
 Subgenus *Monia*
Pododesmus macrochisma (Deshayes, 1839)

Subclass Palaeoheterodonta
 Order Unionoidea
 Superfamily Unionoidea
 Family Margaritiferidae
 Genus *Margaritifera*
Margaritifera falcata (A.A. Gould, 1850)

Family Unionidae
 Subfamily Ambleminae
 Genus *Gonidea*
Gonidea angulata (I. Lea, 1839)

Subfamily Anodontinae
 Genus *Anodonta*
Anodonta californiensis I. Lea, 1852
Anodonta kennerlyi I. Lea, 1860
Anodonta nuttalliana I. Lea, 1839
Anodonta oregonensis I. Lea, 1838

Subclass Heterodonta
 Order Veneroida
 Superfamily Lucinoidea
 Family Lucinidae
 Subfamily Lucininae
 Genus *Parvilucina*
Parvilucina tenuisculpta (Carpenter, 1864)

Subfamily Myrteinae
 Genus *Lucinoma*
Lucinoma annulatum (Reeve, 1850)

Family Ungulinidae
 Genus *Diplodonta*
Diplodonta impolita S.S. Berry, 1953

Family Thyasiridae
 Subfamily Thyasirinae
 Genus *Thyasira*
Thyasira flexuosa (Montagu, 1803)
Thyasira orecta (F.R. Bernard, 1982)

Genus *Conchocele*
Conchocele bisecta (Conrad, 1849)

Subfamily Axinopsidinae
 Genus *Axinopsida*
Axinopsida serricata (Carpenter, 1864)

Genus *Adontorhina*
Adontorhina cycilia S.S. Berry, 1947
Adontorhina sphaericosa P.H. Scott, 1986

Genus *Mendicula*

- Mendicula ferruginosa*** (Forbes, 1844)
- Superfamily Astartoidea
 Family Astartidae
 Subfamily Astartinae
 Genus *Astarte*
 Astarte arctica (J.E. Gray, 1824)
 Astarte borealis (Schumacher, 1817)
 Astarte compacta Carpenter, 1864
 Astarte elliptica (T. Brown, 1827)
 Astarte esquimalti (W. Baird, 1863)
- Superfamily Carditoidea
 Family Carditidae
 Subfamily Carditamerinae
 Genus *Cyclocardia*
 Subgenus *Cyclocardia*
 Cyclocardia ventricosa (A.A. Gould, 1850)
 Subgenus *Crassicardia*
 Cyclocardia crassidens (Broderip & G.B. Sowerby I, 1829)
 Genus *Glans*
 Glans carpenteri (Lamy, 1922)
 Genus *Miodontiscus*
 Miodontiscus prolongatus (Carpenter, 1864)
- Subfamily Thecaliinae
 Genus *Milneria*
 Milneria minima (Dall, 1871)
- Superfamily Chamoidea
 Family Chamidae
 Genus *Pseudochama*
 Pseudochama granti A.M. Strong, 1934
- Superfamily Galeommatoidea
 Family Galeommatidae
 Genus *Divariscintilla*
 “*Divariscintilla*” *sp. A* – of Coan, Valentich Scott & Bernard, 2000
 Genus *Scintillona*
 Scintillona bellerophon Ó Foighil & Gibson, 1984
- Family Lasaeidae
 Genus *Lasaea*
 Lasaea adansoni (Gmelin, 1791)
 Genus *Kellia*
 Kellia suborbicularis (Montagu, 1803)
 Genus *Mysella*
 Mysella pedroana Dall, 1899
 Genus *Neaeromya*
 Neaeromya compressa (Dall, 1899)
 Neaeromya rugifera (Carpenter, 1864)
 Genus *Rhamphidonta*
 Rhamphidonta retifera (Dall, 1899)
 Genus *Rochefortia*
 Rochefortia grippi Dall, 1912

Rochefortia tumida (Carpenter, 1864)

Superfamily Arcticoidea
 Family Trapezidae
 Genus *Neotrapezium*
 Neotrapezium liratum (Reeve, 1843)

Superfamily Glossoidae
 Family Kelliellidae
 Genus *Kelliella*
 Kelliella galatheae Knudsen, 1970

Family Vesicomidae
 Genus *Vesicomya*
 Subgenus *Vesicomya*
 Vesicomya stearnsii (Dall, 1895)
 Subgenus *Calyptogena*
 Vesicomya gigas (Dall, 1896)
 Vesicomya kilmeri (F.R. Bernard, 1974)
 Vesicomya pacifica (Dall, 1891)

Superfamily Cyamioidea
 Family Neoleptonidae
 Genus *Neolepton*
 Subgenus *Stohleria*
 Neolepton salmonea (Carpenter, 1864)

Superfamily Corbiculoidea
 Family Corbiculidae
 Genus *Corbicula*
 Corbicula fluminea (Müller, 1774)

Superfamily Sphaerioidea
 Family Sphaeriidae
 Subfamily Sphaeriinae
 Genus *Sphaerium*
 Subgenus *Sphaerium*
 Sphaerium nitidum Clessin, 1876
 Sphaerium patella (A.A. Gould, 1850)
 Sphaerium rhomboideum (Say, 1822)
 Sphaerium simile (Say, 1816)
 Sphaerium striatinum (Lamarck, 1818)
 Subgenus *Herringtonium*
 Sphaerium occidentale (Prime, 1853)

Subfamily Pisidiinae
 Genus *Musculium*
 Musculium lacustre (Müller, 1774)
 Musculium partumeium (Say, 1822)
 Musculium securis (Prime, 1851)
 Musculium transversum (Say, 1829)

Genus *Pisidium*
 Subgenus *Pisidium*
 Pisidium idahoense Roper, 1890
 Subgenus *Cyclocalyx*
 Pisidium casertanum (Poli, 1795)

- Pisidium compressum* Prime, 1852
Pisidium ferrugineum Prime, 1852
Pisidium lilljeborgi Clessin, 1886
Pisidium milium Held, 1836
Pisidium nitidum Jeffreys, 1832
Pisidium rotundatum Prime, 1852
Pisidium subtruncatum Malm, 1855
Pisidium variabile Prime, 1852
Pisidium ventricosum Prime, 1852
 Subgenus *Neopisidium*
Pisidium conventus Clessin, 1877
Pisidium insigne Gabb, 1868
Pisidium moitessierianum Paladilhe, 1866
- Superfamily Cardioidea
- Family Cardiidae
- Subfamily Clinocardiinae
- Genus *Clinocardium*
- Subgenus *Clinocardium*
Clinocardium nuttallii (Conrad, 1837)
- Subgenus *Ciliatocardium*
Clinocardium ciliatum (Fabricius, 1780)
- Subgenus *Keenocardium*
Clinocardium blandum (A.A. Gould, 1850)
- Genus *Serripes*
- Subgenus *Serripes*
Serripes groenlandicus (Mohr, 1786)
- Subfamily Laevicardiinae
- Genus *Nemocardium* Meek, 1876
- Subgenus *Keenaea*
Nemocardium centifilosum (Carpenter, 1864)
- Superfamily Veneroidea
- Family Veneridae
- Subfamily Venerinae
- Genus *Humilaria*
Humilaria kennerleyi (Reeve, 1863)
- Genus *Mercenaria*
Mercenaria mercenaria (Linnaeus, 1758)
- Genus *Protothaca*
- Subgenus *Protothaca*
Protothaca staminea (Conrad, 1837)
- Subgenus *Callithaca*
Protothaca tenerrima (Carpenter in A.A. Gould & Carpenter, 1857)
- Subfamily Clementiinae
- Genus *Compsomyax*
Compsomyax subdiaphana (Carpenter, 1864)
- Subfamily Pitarinae
- Genus *Nutricola*
Nutricola lordi (W. Baird, 1863)
Nutricola ovalis (Dall, 1902)

Nutricula tantilla (A.A. Gould, 1853)
 Genus *Saxidomus*
Saxidomus gigantea (Deshayes, 1839)
 Subfamily Tapetinae
 Genus *Liocyma*
Liocyma fluctosum (A.A. Gould, 1841)
 Genus *Venerupis*
 Subgenus *Ruditapes*
Venerupis philippinarum (A. Adams & Reeve, 1850)
 Family Petricolidae
 Genus *Petricola*
 Subgenus *Petricola*
Petricola carditoides (Conrad, 1837)
 Genus *Cooperella*
Cooperella subdiaphana (Carpenter, 1864)
 Family Turtoniidae
 Genus *Turtonia*
Turtonia minuta (Fabricius, 1780)
 Superfamily Tellinoidea
 Family Tellinidae
 Subfamily Tellininae
 Genus *Tellina*
 Subgenus *Angulus*
Tellina carpenteri Dall, 1900
Tellina modesta (Carpenter, 1864)
 Subgenus *Cadella*
Tellina nuculoides (Reeve, 1854)
 Subgenus *Peronidia*
Tellina bodegensis Hinds, 1845
 Subfamily Macominae
 Genus *Macoma*
 Subgenus *Macoma*
Macoma brota Dall, 1916
Macoma calcarea (Gmelin, 1791)
Macoma elimata Dunnill & Coan, 1968
Macoma lama Bartsch, 1929
Macoma lipara Dall, 1916
Macoma moesta (Deshayes, 1855)
Macoma golikovi Scarlato & Kafanov, 1988
 Subgenus *Psammacoma*
Macoma carlottensis Whiteaves, 1880
Macoma yoldiformis Carpenter, 1864
 Subgenus *Rexithaerus*
Macoma expansa Carpenter, 1864
Macoma secta (Conrad, 1837)
 Subgenus undetermined
Macoma balthica (Linnaeus, 1758)
Macoma inquinata (Deshayes, 1855)
Macoma nasuta (Conrad, 1837)

Family Psammobiidae
 Genus *Gari*
 Subgenus *Gobraeus*
 Gari californica (Conrad, 1837)
 Genus *Nuttallia*
 Nuttallia obscurata (Reeve, 1857)

Family Semelidae
 Genus *Semele*
 Subgenus *Semele*
 Semele rubropicta Dall, 1871

Superfamily Solenoidea
 Family Solenidae
 Genus *Solen*
 Subgenus *Ensisolen*
 Solen sicarius A.A. Gould, 1850

Family Pharidae
 Genus *Siliqua*
 Siliqua alta (Broderip & G.B. Sowerby I, 1829)
 Siliqua patula (Dixon, 1789)

Superfamily Mactroidea
 Family Mactridae
 Subfamily Mactrinae
 Genus *Mactromeris*
 Mactromeris polynyma (Stimpson, 1860)
 Genus *Simomactra*
 Simomactra falcata (A.A. Gould, 1850)

 Subfamily Lutrariinae
 Genus *Tresus*
 Tresus capax (A.A. Gould, 1850)
 Tresus nuttallii (Conrad, 1837)

Order Myoida
 Suborder Myina
 Superfamily Myoidea
 Family Myidae
 Subfamily Myinae
 Genus *Mya*
 Mya arenaria Linnaeus, 1758
 Mya truncata Linnaeus, 1758
 Genus *Platydon*
 Platydon cancellatus (Conrad, 1837)

 Subfamily *Cryptomya*
 Genus *Cryptomya*
 Cryptomya californica (Conrad, 1837)

Superfamily Hiatelloidea
 Family Hiatellidae
 Subfamily Hiatellinae
 Genus *Hiatella*
 Hiatella arctica (Linnaeus, 1767)
 Genus *Panomya*

Panomya ampla Dall, 1908
Panomya norvegica (Spengler, 1793)
 Genus *Panopea*
Panopea abrupta (Conrad, 1849)
 Subfamily Saxicavellinae
 Genus *Saxicavella*
Saxicavella pacifica Dall, 1916
 Suborder Pholadina
 Superfamily Pholadoidea
 Family Pholadidae
 Subfamily Pholadinae
 Genus *Zirfaea*
Zirfaea pilsbryi Lowe, 1931
 Subfamily Jouannetiinae
 Genus *Netastoma*
Netastoma japonicum (Yokoyama, 1920)
Netastoma rostratum (Valenciennes, 1846)
 Subfamily Martesiinae
 Genus *Penitella*
Penitella conradi Valenciennes, 1846
Penitella penita (Conrad, 1837)
Penitella richardsoni G.L. Kennedy, 1989
 Subfamily Xylophaginae
 Genus *Xylophaga*
Xylophaga washingtona Bartsch, 1921
 Family Teredinidae
 Subfamily Teredininae
 Genus *Teredo*
Teredo navalis Linnaeus, 1758
 Genus *Lyrodus*
Lyrodus takanoshimensis (Roch, in Roch & Moll, 1929)
 Subfamily Bankiinae
 Genus *Bankia*
Bankia setacea (Tryon, 1863)
 Subclass Anomalodesmata
 Order Pholadomyoidea
 Superfamily Pandoroidea
 Family Pandoridae
 Genus *Pandora*
 Subgenus *Heteroclidus*
Pandora punctata Conrad, 1837
 Subgenus *Pandorella*
Pandorella bilirata Conrad, 1855
Pandorella filosa (Carpenter, 1864)
Pandorella glacialis Leach, 1819
Pandorella wardiana A. Adams, 1860
 Family Lyonsiidae
 Genus *Lyonsia*
Lyonsia bracteata (A.A. Gould, 1850)

Lyonsia californica Conrad, 1837
 Genus *Entodesma*
Entodesma navicula (A. Adams & Reeve, 1850)
 Genus *Mytilimeria*
Mytilimeria nuttalli Conrad, 1837
 Superfamily Thracioidea
 Family Thraciidae
 Genus *Thracia*
 Subgenus *Cetothrax*
Thracia condoni Dall, 1909
 Subgenus *Homoeodesma*
Thracia challsiana Dall, 1915
Thracia trapezoides Conrad, 1849
 Subgenus undetermined
Thracia devexa G.O. Sars, 1878
Thracia myopsis Möller, 1842
 Order Septibranchida
 Superfamily Cuspidarioidea
 Family Cuspidariidae
 Genus *Cuspidaria*
Cuspidaria apodema Dall, 1916
Cuspidaria cowani F.R. Bernard, 1967
Cuspidaria glacialis (G.O. Sars, 1878)
 Genus *Austroneaera*
Austroneaera semipellucida (Kuroda, 1948)
 Genus *Bathyneaera*
Bathyneaera tillamookensis (Dall, 1916)
 Genus *Cardiomya*
Cardiomya pectinata (Carpenter, 1864)
Cardiomya planetica (Dall, 1908)
 Genus *Myonera*
Myonera garretti Dall, 1908
 Genus *Rhinoclama*
Rhinoclama filatovae (F.R. Bernard, 1979)
 Superfamily Verticordioidea
 Family Verticordiidae
 Subfamily Verticordiinae
 Genus *Halicardia*
Halicardia perplicata (Dall, 1890)
 Subfamily Lyonsiellinae
 Genus *Lyonsiella*
Lyonsiella quaylei F.R. Bernard, 1969
 Genus *Dallicordia*
Dallicordia alaskana (Dall, 1895)
 Superfamily Poromyoidea
 Family Poromyidae
 Genus *Cetomya*
Cetomya malespinae (Ridewood, 1903)
 Genus *Dermatomya*

Dermatomya tenuisconcha (Dall, 1913)