

**Checklist of the Invertebrate Chordata and the Hemichordata of British Columbia
(Tunicates and Acorn Worms) (August, 2009)**

by

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The following checklist contains species in the chordate subphylum Tunicata and the acorn worms which have been listed as found in British Columbia. This list is certainly incomplete. The taxonomy follows that of the World Register of Marine Species (WoRMS database, www.marinespecies.org) and the Integrated Taxonomic Information System (ITIS, www.itis.gov). For several families and higher taxa I was unable to locate author's names so have left these blank. Common names are mainly from Lamb and Hanby (2005).

Phylum Chordata Bateson, 1885

Subphylum Tunicata

Class Ascidacea Nielsen, 1995

Order Entergona

Suborder Aplousobranchia

Family Cionidae

Genus *Ciona* Fleming, 1822

Ciona savignyi Herdman, 1882

Family Clavelinidae

Genus *Clavelina* Savigny, 1816

Clavelina huntsmani Van Name, 1931

Family Didemnidae

Genus *Didemnum* Savigny, 1816

Didemnum carnulentum Ritter and Forsyth, 1917

Didemnum sp (Lamb and Hanby, 2005) **INV**

Genus *Diplosoma* Macdonald, 1859

Diplosoma listerianum (Milne-Edwards, 1841)

Genus *Trididemnum* delle Valle, 1881

Trididemnum alexi Lambert, 2005

Family Holozoidae

Genus *Distaplia* delle Valle, 1881

Distaplia occidentalis Bancroft, 1899

Distaplia smithi Abbot and Trason, 1968

Family Polycitoridae

Genus *Cystodytes* von Drasche, 1884

Cystodytes lobatus (Ritter, 1900)

Genus *Eudistoma* Caullery, 1909

Eudistoma molle (Ritter, 1900)

Eudistoma psammion (Ritter and Forsyth, 1917)

Eudistoma purpuropunctatum Lambert, 1989

Family Polyclinidae

Genus *Aplidium* Savigny, 1816

- Aplidium arenatum* (Van Name, 1945)
- Aplidium californicum* (Ritter and Forsyth, 1917)
- Aplidium propinquum* (Van Name, 1945)
- Aplidium solidum* (Ritter and Forsyth, 1917)
- Genus *Aplidiopsis* Lahille, 1890
 - Aplidiopsis pannosum* (Ritter, 1899)
- Genus *Synoicum* Phipps, 1774
 - Synoicum jordani* (Ritter, 1899)
 - Synoicum parfustis* Ritter and Forsyth, 1917
- Family Pycnoclavellidae
 - Genus *Pycnoclavella* Garstang, 1891
 - Pycnoclavella stanleyi* Berrill and Abbott, 1949
- Family Ritterellidae
 - Genus *Ritterella* Harant, 1931
 - Ritterella aequalisiphonis* (Ritter and Forsyth, 1917)
 - Ritterella pulchra* (Ritter, 1901)
 - Ritterella rubra* Abbott and Trason, 1968
- Suborder Phlebobranchia
 - Family Ascidiidae
 - Genus *Ascidia* Linnaeus, 1767
 - Ascidia ceratodes* (Huntsman, 1912)
 - Ascidia columbiana* Huntsman, 1912
 - Ascidia paratropa* (Huntsman, 1912)
 - Ascidia prunum* Müller, 1776
 - Family Cionidae
 - Genus *Chelyosoma* Broderip and Sowerby, 1830
 - Chelyosoma columbianum* Huntsman, 1912
 - Chelyosoma productum* Stimpson, 1864
 - Genus *Corella* Alder and Hancock, 1870
 - Corella inflata* Huntsman, 1912
 - Corella willmeriana* Herdman, 1898
 - Family Octactnemidae
 - Genus *Megalidicopia* Oka, 1918
 - Megalidicopia hians* Oka, 1918
 - Family Perophoridae
 - Genus *Perophora* Wiegmann, 1835
 - Perophora annectens* Ritter, 1893
- Order Pleurogona
 - Suborder Stolidobranchia Lahille, 1887
 - Family Molgulidae
 - Genus *Molgula* Forbes, 1848
 - Molgula pacifica* (Huntsman, 1912)
 - Family Pyuridae
 - Genus *Bathypura* Michaelsen, 1904
 - Bathypura feminalba* Young and Vazquez, 1995
 - Genus *Boltenia* Savigny, 1816

- Boltenia echinata* (Linnaeus, 1767)
- Boltenia villosa* (Stimpson, 1864)
- Genus *Halocynthia* Verrill, 1879
 - Halocynthia aurantium* (Pallas, 1787)
 - Halocynthia igaboja* Oka, 1906
- Genus *Pyura* Molina, 1782
 - Pyura haustor* (Stimpson, 1864)
 - Pyura mirabilis* (von Drasche, 1884)
- Family Styelidae
 - Genus *Botrylloides* Milne-Edwards, 1841
 - Botrylloides violaceus* Oka, 1927 **INV**
 - Genus *Botryllus* Gaertner, 1774
 - Botryllus schlosseri* (Pallas, 1766) **INV**
 - Genus *Cnemidocarpa*
 - Cnemidocarpa finmarkiensis* (Kiaer, 1893)
 - Genus *Metandrocarpa* Michaelsen, 1904
 - Metandrocarpa dura* (Ritter, 1896)
 - Metandrocarpa taylori* Huntsman, 1912
 - Genus *Pelonaia* Forbes and Goodsir, 1841
 - Pelonaia corrugata* Goodsir and Forbes, 1841 **INV**
 - Genus *Styela* Fleming, 1822
 - Styela clava* Herdman, 1881 **INV**
 - Styela coriacea* (Alder and Hancock, 1848)
 - Styela gibbsii* (Stimpson, 1864)
 - Styela montereyensis* (Dall, 1872)
 - Styela truncata* Ritter, 1901
- Class Thalidacea Nielsen, 1995
 - Order Salpida
 - Family Salpidae
 - Genus *Cyclosalpa* de Blainville, 1827
 - Cyclosalpa affinis* (Chamisso, 1819)
 - Cyclosalpa bakeri* Ritter, 1905
 - Genus *Iasis* Savigny, 1816
 - Iasis zonaria* (Pallas, 1774)
 - Genus *Pegea* Savigny, 1816
 - Pegea confoederata* (Forskål, 1775)
 - Genus *Salpa* Forskål, 1775
 - Salpa fusiformis* Cuvier, 1804
 - Salpa maxima* Forskål, 1775
 - Genus *Thalia* Blumenbach, 1798
 - Thalia democratica* (Forskål, 1775)
 - Genus *Thetys* Tilesius, 1802
 - Thetys vagina* Tilesius, 1802
 - Genus *Weelia* Yount, 1954
 - Weelia cylindrica* (Cuvier, 1804)
- Order Doliolida

Family Doliolidae
 Genus *Dolioletta* Borgurt, 1894
 Dolioletta gegenbauri (Uljanin, 1884)
 Class Larvacea Nielsen, 1995
 Order Copelata
 Family Oikopleuridae Lohmann, 1915
 Genus *Oikopleura* (*Vexillaria*) Lohmann, 1933
 Oikopleura dioecia Fol, 1872
 Oikopleura labradoriensis Lohman, 1892
 Oikopleura vanhoeffeni Lohmann, 1896
 Phylum Hemichordata
 Class Enteropneusta
 Family Harrimaniidae
 Genus *Harrimania* Ritter, 1900
 Harrimania planktophilus Cameron, 2002
 Genus *Saccoglossus* Schimkewitsch, 1892
 Saccoglossus pusillus (Ritter, 1902)
 Family Ptychoderidae
 Genus *Glossobalanus* Spengel, 1901
 Glossobalanus berkeleyi Willey, 1931

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