

**Checklist of the Barnacles of British Columbia
(Updated November 2016)**

by

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The following list is compiled from several sources but is based upon Ira Cornwall's excellent guide, *The Barnacles of British Columbia* (1969). The species composition of Cornwall's acorn and gooseneck barnacles remains the same; I updated the taxonomy to reflect a more current understanding of this group. I also added the rhizocephalan barnacles to the list. The latter group remains poorly understood and awaits further study. Rhizocephalans are internal parasites of decapod crustaceans that produce external sacs which bear their larvae. It is likely that genetic research will reveal cryptic species and increase the diversity of this fascinating group. The taxonomy follows Martin and Davis (2001) and the Integrated Taxonomic Information System (www.itis.gov). ITIS appears to be consistent with the most recent taxonomic papers so I included some nomenclature changes without independent verification in those cases where I did not have access to the primary literature. I want to thank Melissa Frey of the Royal BC Museum for submitting some additional records not on an earlier version of this list.

Phylum Arthropoda Latreille, 1829
Subphylum Crustacea Brünnich, 1772
Class Maxillopoda Dahl, 1956
Subclass Thecostraca Gruvel, 1905

Infraclass Cirripedia Burmeister, 1834
 Superorder Thoracica Darwin, 1854
 Order Pedunculata Lamarck, 1818
 Suborder Scalpellomorpha Newman, 1987
 Family Pollicipedidae Leach, 1817
 Genus *Pollicipes* Leach, 1817
 Pollicipes polymerus Sowerby, 1833
 Family Scalpellidae Pilsbry, 1907
 Genus *Barbascalpellum* Zevina, 1978
 Barbascalpellum sanctaebarae (Pilsbry, 1907)
 Genus *Hamatoscalpellum* Zevina, 1978
 Hamatoscalpellum columbianum (Pilsbry, 1909)
 Genus *Tarasovium* Zevina, 1978
 Tarasovium cornutum (Sars, 1879)

Suborder Lepadomorpha Pilsbry, 1916 Family Lepadidae
Darwin, 1852

Genus *Lepas* Linnaeus, 1758
Lepas anatifera Linnaeus 1758
Lepas fascicularis Ellis and Solander, 1786

Lepas hillii (Leach, 1818)

Lepas pacifica Henry, 1940

Genus *Alepas* Rang, 1829

Alepas pacifica Pilsbry, 1907

Genus *Conchoderma* Olfers, 1818

Conchoderma auritum (Linnaeus, 1758)

Conchoderma virgatum (Spengler, 1790)

Order Sessilia Lamarck, 1818

Suborder Balanomorpha Pilsbry, 1916

Superfamily Coronuloidea Leach, 1817

Family Coronulidae Leach, 1817

Genus *Cetopirus* Ranzani, 1817

Cetopirus complanatus (Mörch, 1852)

Genus *Coronula* Lamarck, 1802

Coronula diadema (Linnaeus, 1767)

Coronula reginae Darwin, 1854

Genus *Cryptolepas* Dall, 1872

Cryptolepas rachianecti Dall, 1872

Genus *Xenobalanus* Steenstrup, 1851

Xenobalanus globicipitis Steenstrup, 1851

Superfamily Balanoidea Leach, 1817

Family Archaeobalanidae Newman & Ross, 1976

Genus *Chirona* Gray, 1835

Chirona evermanni (Pilsbry, 1907) *

Genus *Hesperibalanus* Pilsbry, 1916

Hesperibalanus hesperius Pilsbry, 1816

Genus *Semibalanus* Pilsbry, 1816

Semibalanus balanoides (Linnaeus, 1767)

Semibalanus cariosus (Pallas, 1788)

Genus *Solidobalanus* Hoek, 1913

Solidobalanus enbergi (Pilsbry, 1921)

Family Balanidae Leach, 1817

Genus *Balanus* Da Costa, 1778

Balanus balanus (Linnaeus, 1758)

Balanus crenatus Bruguière, 1789

Balanus glandula Darwin, 1854

Balanus nubilus Darwin, 1854

Balanus rostratus Hoek, 1883

- Superfamily Chthamaloidea Darwin, 1854
 - Family Chthamalidae Darwin, 1854
 - Genus *Chthamalus* Ranzani, 1817
 - Chthamalus dalli* Pilsbry, 1916
- Superorder Rhizocephala Müller, 1862
 - Order Akentrogonida Häfele, 1911
 - Family Thompsoniidae Høeg & Rybakov, 1992
 - Genus *Thompsonia* Häfele, 1911
 - Thompsonia reinhardi* Luetzin, 1992
 - Family Clistosaccidae Boschma, 1928
 - Genus *Clistosaccus* Lilljeborg, 1860
 - Clistosaccus paguri* Lilljeborg, 1860 **
 - Genus *Sylon* Krøyer, 1855
 - Sylon hippolytes* Sars, 1870 †
 - Order Kentrogonida Delage, 1884
 - Family Peltogastridae Lilljeborg, 1860
 - Genus *Angulosaccus* Reinhard, 1944 **
 - Angulosaccus tenuis* Reinhard, 1944
 - Genus *Briarosaccus* Boschma, 1930
 - Briarosaccus auratum* Noever, Olson, & Glenner ††
 - Briarosaccus regalis* Noever, Olson, & Glenner ††
 - Briarosaccus tenellus* Boschma, 1970
 - Genus *Peltogaster* Rathke, 1842
 - Peltogaster boschmae* Reinhard, 1944
 - Peltogaster paguri* Rathke, 1842
 - Genus *Peltogasterella* Krüger, 1912
 - Peltogasterella gracilis* Boschma, 1927
 - Family Sacculinidae Lilljeborg, 1860
 - Genus *Loxothylacus* Boschma, 1928
 - Loxothylacus panopaei* (Gissler, 1884)

Notes:

* I could find no records of *Chirona evermanni* for British Columbia. However, I feel it is more than likely to occur as it is abundant in fjords in the southern portion of Southeastern Alaska below 100 meters. Undoubtedly due to its large size, I have personally witnessed biological surveys where this species was identified as *Balanus nubilus* (a large shallow water species). Additionally, I have seen *Balanus nubilus* listed as by-catch in golden king crab pot surveys which I know to be bathymetrically out the range of that species.

** *Clistosaccus paguri* and *Angulosaccus tenuis* are both listed as species occurring in BC by Hart (1980) so are included in this list. I could not, however, find any references for this. McLaughlin (1974) mentions the latter species as reported from Washington state. It is possible that Hart based these records on unpublished observations.

† *Sylon hippolytes* is a cosmopolitan species that infects a large number of shrimp species. Bower & Boutillier (1990) speculate that this monotypic genus may actually be composed of several species.

†† Both *Briarosaccus auratum* and *B. regalis* were formerly considered to be the cosmopolitan species *B. callosus* Boschma, 1930 but were determined to be distinct by Noever, Olson, and Glenner (2016).

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