# Checklist of the Barnacles of British Columbia (Updated October 2009)

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 (<a href="www.itis.gov">www.itis.gov</a>). 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 sanctaebarbarae (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

SuborderBalanomorpha 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 callosus Boschma, 1962

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 Lillieborg, 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.

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