

# SEA STARS OF BRITISH COLUMBIA

by

**Phil Lambert**

**Curator Emeritus of Invertebrates, Royal British Columbia Museum**

[plambert@pacificcoast.ne](mailto:plambert@pacificcoast.ne)

A total of 82 species of Sea Stars are reported from British Columbia. This checklist of Sea Stars is extracted from the broader list of the Echinoderms of British Columbia (<http://www.geog.ubc.ca/biodiversity/efauna/documents/EchinodermsofBCChecklist.pdf>) and is based on the information contained in *Sea Stars of British Columbia, Southeast Alaska and Puget Sound* (Lambert 2000), as well as on unpublished data from the collections of the Royal BC Museum. Classifications are based in part on the Treatise on Invertebrate Paleontology (Moore 1966).

## **Family Luidiidae**

*Luidia foliolata* (Grube, 1866) – Sand Star

## **Family Astropectinidae**

*Leptychaster anomalus* Fisher, 1906

*Leptychaster arcticus* (Sars, 1851)

*Leptychaster pacificus* Fisher, 1906

*Dipsacaster anoplus* Fisher, 1910

*Dipsacaster borealis* Fisher, 1910

*Leptychaster inermis* (Ludwig, 1905)

*Psilaster pectinatus* (Fisher, 1905)

*Thrissacanthias pencillatus* (Fisher, 1905)

*Astropecten verrilli* de Loriol, 1899

## **Family Porcellanasteridae**

*Eremicaster crassus* (Sladen, 1883)

*Eremicaster pacificus* (Ludwig, 1905)

## **Family Ctenodiscidae**

*Ctenodiscus crispatus* (Retzius, 1805) – Mud Star

## **Family Benthoplectinidae**

*Cheiraster dawsoni* (Verrill, 1880)

*Benthoplecten claviger claviger* Fisher, 1910

*Nearchaster aciculosus* (Fisher, 1910)

*Nearchaster variabilis* (Fisher, 1910)

*Pectinaster agassizi evoplus* (Fisher, 1910)

### **Family Asterinidae**

*Asterina miniata* (Brandt, 1835) – Bat Star

### **Family Poraniidae**

*Poraniopsis inflatus inflatus* (Fisher, 1906)

### **Family Goniasteridae**

*Ceramaster arcticus* (Verrill, 1909) – Arctic Cookie Star

*Ceramaster patagonicus* (Sladen, 1889) – Cookie Star

*Gephyreaster swifti* (Fisher, 1905) – Gunpowder Star

*Hippasteria spinosa* Verrill, 1909 – Spiny Red Sea Star

*Mediaster aequalis* Stimpson, 1857 – Vermilion Star

*Pseudarchaster alascensis* Fisher, 1905

*Ceramaster clarki* Fisher, 1910

*Ceramaster japonicus* (Sladen, 1889)

*Cryptopeltaster lepidonotus* Fisher, 1905

*Hippasteria californica* Fisher, 1905

*Pseudarchaster dissonus* Fisher, 1910

*Pseudarchaster parelii* (Duben and Koren, 1846)

### **Family Asteropseidae**

*Dermasterias imbricata* (Grube, 1857) – Leather Star

### **Family Solasteridae**

*Crossaster papposus* (Linnaeus, 1767) – Rose Star, Snowflake Star

*Lophaster furcilliger vexator* Fisher, 1910

*Solaster dawsoni* Verrill, 1880 – Morning Sun Star

*Solaster endeca* (Linnaeus, 1771) – Northern Sun Star

*Solaster paxillatus* Sladen, 1889 – Orange Sun Star

*Solaster stimpsoni* Verrill, 1880 – Striped Sun Star

*Lophaster furcilliger* Fisher, 1905

*Solaster borealis* (Fisher, 1906)

### **Family Pterasteridae**

*Diplopteraster multipes* (Sars, 1865)

*Pteraster militaris* (O.F. Müller, 1776) – Wrinkled Star

*Pteraster tessellatus* Ives, 1888 – Cushion Star, Slime Star

*Hymenaster perissonotus* Fisher, 1910

*Hymenaster quadrispinosus* Fisher, 1905  
*Pteraster jordani* Fisher, 1905  
*Pteraster marsippus* Fisher, 1910  
*Hymenaster koehleri* Fisher, 1911

### **Family Korethrasteridae**

*Peribolaster biserialis* Fisher, 1905

### **Family Echinasteridae**

*Henricia aspera aspera* Fisher, 1906 – Ridged Blood Star  
*Henricia asthenactis* Fisher, 1910  
*Henricia leviuscula leviuscula* (Stimpson, 1857) – Blood Star  
*Henricia leviuscula annectens* Fisher, 1910  
*Henricia leviuscula spiculifera* (= *multispina*) (H.L. Clark, 1901)  
*Henricia longispina longispina* Fisher, 1910  
*Henricia sanguinolenta* (O.F. Müller, 1776) – Fat Henricia

### **Family Zoroasteridae**

*Myxoderma sacculatum* Fisher, 1905  
*Zoroaster evermanni* Fisher, 1905  
*Zoroaster ophiurus* Fisher, 1905

### **Family Asteroiidae**

*Evasterias troschelii* (Stimpson, 1862) – Mottled Star  
*Leptasterias aequalis*  
*Leptasterias alaskensis*  
*Leptasterias coei* Verrill, 1914  
*Leptasterias hexactis*  
*Leptasterias polaris katherinae* (Grey, 1840)  
*Lethasterias nanimensis* (Verrill, 1914)  
*Orthasterias koehleri* (de Loriol, 1897) – Rainbow Star, Long-armed Sea Star  
*Pisaster brevispinus* (Stimpson, 1857) – Giant Pink Star  
*Pisaster ochraceus* (Brandt, 1835) – Purple Star, Ochre Star  
*Pycnopodia helianthoides* (Brandt, 1835) – Sunflower Star  
*Stylasterias forreri* (de Loriol, 1887) – Long-rayed Star  
*Stephanasterias albula* (Stimpson, 1853)

### **Family Pedicellasteridae**

*Ampheraster marianus* (Ludwig, 1905)  
*Pedicellaster magister* Fisher, 1923  
*Tarsaster alaskanus* Fisher, 1928

**Family Labidiasteridae**

*Rathbunaster californicus* Fisher, 1906

**Family Brisingidae**

*Astrocles actinodetus* Fisher, 1917

*Astrolirus panamensis* (Ludwig, 1905)

*Craterobrisinga synaptoma* Fisher, 1917

**Family Freyellidae**

*Freyella microplax* (Fisher, 1917)

*Freyellaster fecundus* (Fisher, 1905)