

***Axinopsida serricata* (Carpenter, 1864)**

Nomenclature	
Phylum	Mollusca
Class	Bivalvia
Order	Veneroida
Family	Thyasiridae
Common Synonyms (S) Previous Names (PN)	<i>Cyptodon serricatus</i> , <i>Axinopsis orbiculata</i> , <i>Axinopsida orbiculata</i> , <i>Axinopsida viridis</i> , <i>Axinopsis viridis</i>



Distribution	
Type Locality	Puget Sound, Washington; Lectrotype, USNM 5249
Geographic Distribution	Point Barrow, Alaska, in the Bering Sea and Gulf of Alaska to Punta San Pablo, Baja California Sur

Description
Length to 8mm; shape ovate-subcircular, lenticular; inflation moderate; shell thin, transparent; periostracum dull to silky, white to light green; sculpture of commarginal striae only; lunule margins obscure, concave; ventral and posterior margins rounded; beaks curved; umbones prominent; hinge plate narrow, weak; both valves with strong central tooth; right valve with obscure, elongate lateral tooth; ventral margin smooth

Related Species and Characteristic Differences	
Species Name	Diagnostic Characteristics
<i>Thyasira flexuosa</i>	Length to 13mm; posterior end with deep radial sulcus;

Diagnostic Characteristics

Diagnostic Characteristics

Photos by Marine Sediment Monitoring Team

shell shape
ovate; posterior
radial sulcus
absent;
escutcheon very
narrow, shallow

1 mm

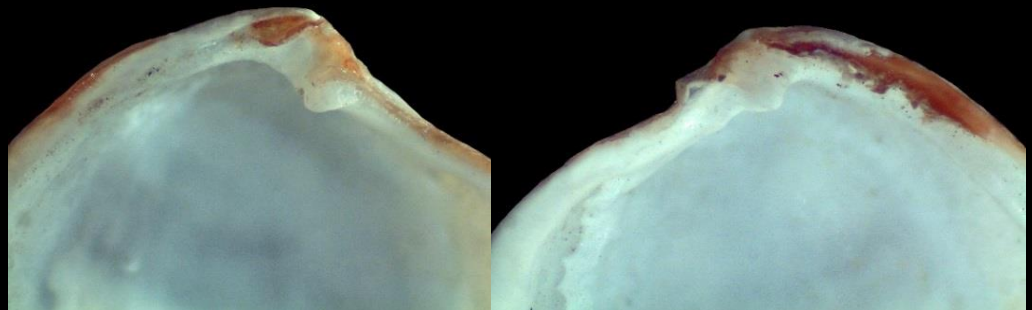


Axinopsida serricata

prominent
cardinal tubercle
in both valves

0.5 mm

0.5 mm



Literature

- Abbott, R. Tucker, Ph.D. 1974. American Seashells The Marine Mollusca of the Atlantic and Pacific Coasts of North America. Second Edition. Van Nostrand Reinhold. p.464.
- Coan, E.V., Valentich-Scott, P., and 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 Mnographs Number 2. Studies in Biodiversity Number 2. ISBN 0-936494-30-1. Santa Barbara: Santa Barbara Museum of Natural History. pp. 274, 278, 280.
- Harbo, R.M. 1997. Shells & Shellfish of the Pacific Northwest A Field Guide. Madeira Park, BC: Harbor Publishing. pp. 26, 147.
- Valentich-Scott, P. 1998. Class Bivalvia. In: Valentich-Scott, P., and J.A. Blake. Taxonomic Atlas of the Benthic Fauna of the Santa Maria Basin and the Western Santa Barbara Channel. Volume 8. The Mollusca Part 1 The Aplacorphora, Polyplacophora, Scaphopoda, Bivalvia, and Cephalopoda. Santa Barbara Museum of Natural History. pp. 134-135.

More Information

<p>More information about Puget Sound benthic invertebrates is available at: http://www.ecy.wa.gov/programs/eap/psamp/index.htm</p>	<p>Prepared by Angela Eagleston (Ecology); reviewed by Susan Weeks (Oikos). This document is available on the Department of Ecology's website at https://fortress.wa.gov/ecy/publications/SummaryPages/1703304.html</p>	<p>If you need this document in a format for the visually impaired, call (360) 407-6764. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call (877) 833-6341.</p>
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