

***Solamen columbianum* (Dall, 1897)**

Nomenclature	
Phylum	Mollusca
Class	Bivalvia
Order	Mytilida
Family	Mytilidae
Common Synonyms (S) Previous Names (PN)	<i>Crenella columbiana</i> ; <i>Crenella tamurai</i> ; <i>Megacrenella Columbiana</i>

Distribution	
Type Locality	
Geographic Distribution	Kiska Island, Aleutian Islands (52.0° N, 177.6 degree E) [USNM, west to Cook Inlet (60 degree N) [LACM], Alaska, south to Point Loma, California (32.7° N) [CSDOMP], and west to Siberia and northern Japan, in 20-500 m.



Description
<b>Length</b> to 11; <b>shape</b> ovate; highly <b>inflated</b> ; <b>shell</b> thin for size; inequilateral, <b>beaks</b> terminal; <b>posterior</b> end broadly rounded; <b>periostracum</b> thin, yellow to dark brown, silky; <b>sculpture</b> of very fine radial ribs, overlain by minute, irregular commarginal striae; <b>umbones</b> prominent; <b>prodissoconch</b> small; <b>ligament</b> long, deeply sunken; <b>hinge plate</b> very weak, edentate; <b>interior</b> with white nacre; <b>inner ventral margin</b> finely crenulate

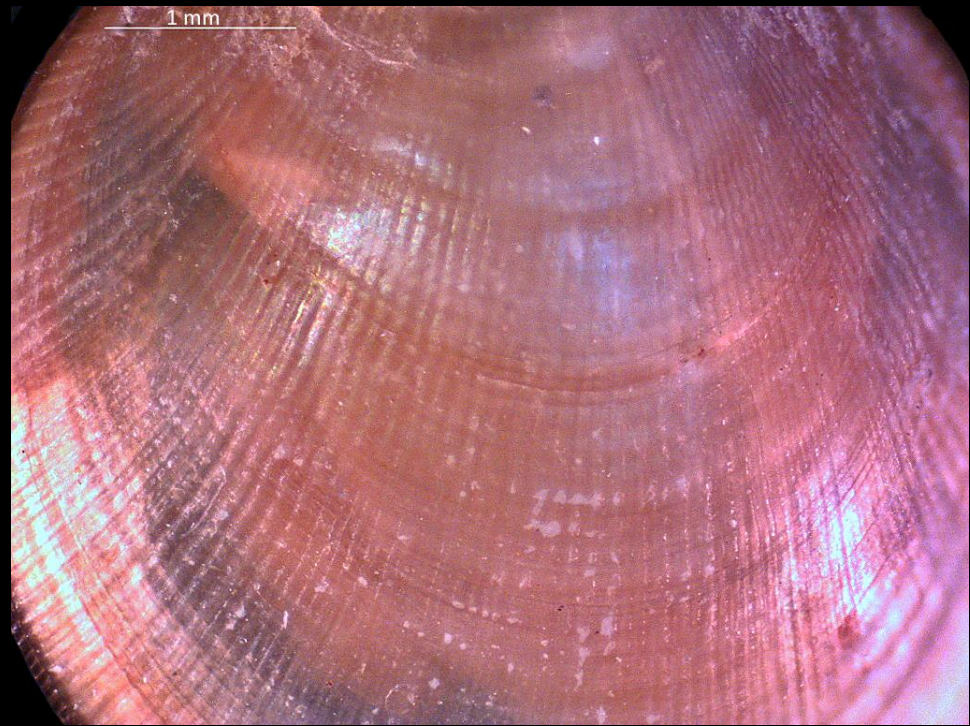
Related Species and Characteristic Differences	
Species Name	Diagnostic Characteristics
<i>Crenella decussata</i>	radial, bifurcate structure; with dysodont teeth

## Diagnostic Characteristics

Diagnostic Characteristics

Photo Credit: Marine Sediment Monitoring Team

ovate shape; fine radial striae throughout; minute commarginal striae



*Solamen columbianum*

## Literature

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 Monographs Number 2. Studies in Biodiversity Number 2. ISBN 0-936494-30-1. Santa Barbara: Santa Barbara Museum of Natural History. pp. 171-172.

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 Aplacophora, Polyplacophora, Scaphopoda, Bivalvia, and Cephalopoda. Santa Barbara Museum of Natural History. p. 123.

## More Information

<p>More information about Puget Sound benthic invertebrates is available at: <a href="http://www.ecy.wa.gov/programs/eap/psamp/index.htm">http://www.ecy.wa.gov/programs/eap/psamp/index.htm</a></p>	<p>Prepared by Angela Eagleston (Ecology); reviewed by Susan Weeks (Oikos). This document is available on the Department of Ecology's website at <a href="https://fortress.wa.gov/ecy/publications/SummaryPages/1703316.html">https://fortress.wa.gov/ecy/publications/SummaryPages/1703316.html</a></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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