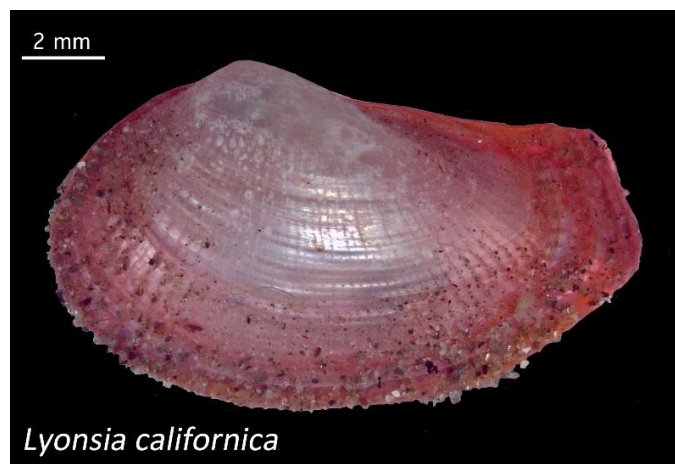


Lyonsia californica (Conrad, 1837)

Nomenclature	
Phylum	Mollusca
Class	Bivalvia
Order	Pholadomyoidea
Family	Lyonsiidae
Common Synonyms (S) Previous Names (PN)	<i>Lyonsia californica</i> <i>haroldi</i> ; <i>Lyonsia</i> <i>gouldii</i> ; <i>Mya stiata</i> ; <i>Lyonsia nesiotis</i> ; <i>Osteodesma</i> <i>nitidum</i>



Distribution	
Type Locality	
Geographic Distribution	Kodiak Island (57.0°N) [CAS] and Prince William Sound (60.8°N) [CAS], Alaska, throughout the Golfo de California, and south to Acapulco, Guerrero, Mexico (16.9°N) [CAS], in the subtidal zone to 100 m, in muddy soft bottom; free-living habitat.

Description
Length to 42 mm; shape elongate, inflated moderately; periostracum thin, transparent, prismatic, often with adherent sand grains, particularly in young specimens; sculpture fine with widely spaced radial lirae; anterior end about one third of total length; posterior broadly truncate to produced and laterally compressed; beaks swollen; hinge plate feeble, edentate; ligament opisthodetic; resilium in marginal resilifer.

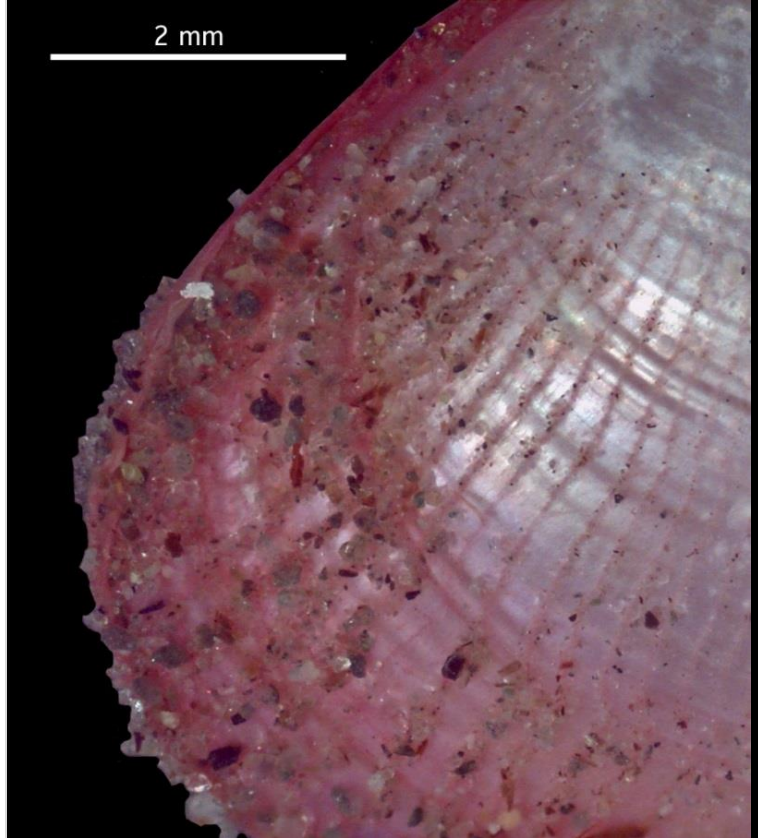
Related Species and Characteristic Differences	
Species Name	Diagnostic Characteristics
<i>Entodesma navicula</i>	Shell shape irregular, very thick; anterior end about one quarter to one third of length; posterior end truncate; periostracum very heavy, with commarginal folds and radial striae; habitat as crevice nestler

Diagnostic Characteristics

Diagnostic Characteristics

Photo Credit: Marine Sediment Monitoring Team

sculpture thin with widely spaced radial lirae; periostracum thin, transparent, prismatic, often with adherent sand grains, particularly in young specimens



Lyonsia californica

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. 555.

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. 525-527.

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/1703308.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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