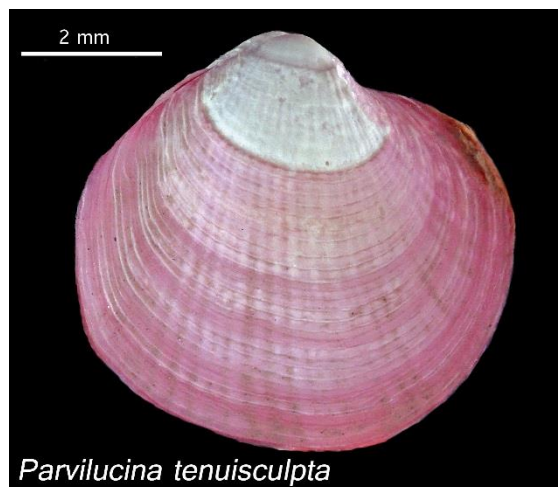


## *Parvilucina tenuisculpta* (Carpenter, 1864)

Nomenclature	
Phylum	Mollusca
Class	Bivalvia
Order	Veneroida
Family	Lucinidae
Common Synonyms (S) Previous Names (PN)	<i>Lucina tenuisculpta</i>



Distribution	
Type Locality	Vancouver Island, British Columbia; Holotype, USNM 5244.
Geographic Distribution	Kodiak Island (57.3°N) [CAS] and Galena Bay, Prince William Sound (60.9°N) [LACM], Alaska, to Isla Cedros, Baja California (28.2°N), in the subtidal zone to 300 m

Description
<b>Length</b> to 13 mm; <b>shape</b> subcircular, subequilateral; moderately <b>inflated</b> ; <b>shell</b> thick to thin; <b>color</b> white; porcellaneous interior; weak <b>sculpture</b> of fine, irregular commarginal striae weak overlain by weak radial ribs producing cancellations, almost obsolete in some specimens; <b>surface</b> deeply etched in many specimens; <b>inner ventral margin</b> weakly crenulate; <b>beaks</b> low; <b>lunule</b> shallow, narrow, in both valves; <b>hinge plate</b> narrow; <b>hinge line</b> slightly curved, evenly arcuate; <b>hinge teeth</b> small, 2 <b>cardinal teeth</b> in left valve, 1 in right; 1 weak <b>lateral tooth</b> in each valve

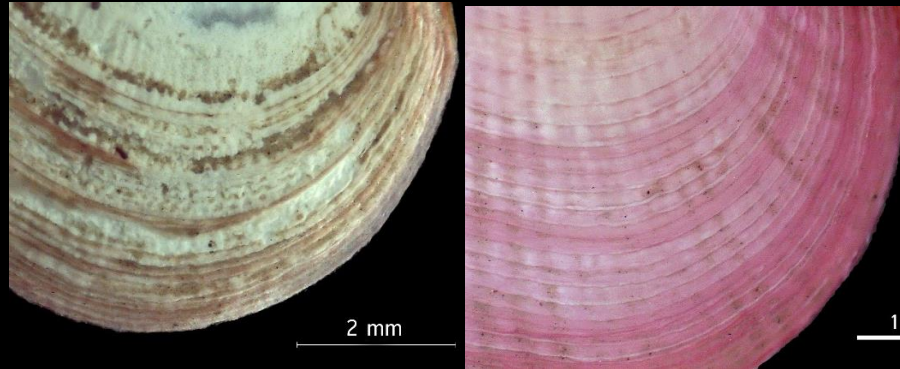
Related Species and Characteristic Differences	
Species Name	Diagnostic Characteristics
<i>Lucinoma annulatum</i>	Shell subcircular, rounded posteriorly; inner ventral margin smooth; deeply sunken ligament; lunule is moderate in depth, narrow in both valves; more compressed; sculpture of numerous, regular, widely spaced commarginal lamellae; much larger in length, to 82mm

## Diagnostic Characteristics

Diagnostic Characteristics

Photos by Marine Sediment Monitoring Team

sculpture of fine commarginal striae, overlain by weak radial ribs; may be obscure when surface etched (seen in left photo)



inner ventral margin weakly crenulate



lunule shallow, narrow, in both valves; sunken ligament; beaks low; hinge line slightly curved



## 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. 459.

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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. 265-266.

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. 130.

## More Information

More information about Puget Sound benthic invertebrates is available at:

<http://www.ecy.wa.gov/programs/eap/psamp/index.htm>

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