

***Macoploma yoldiformis* (Carpenter, 1864)**

Nomenclature	
Phylum	Mollusca
Class	Bivalvia
Order	Veneroida
Family	Tellinidae
Common Synonyms (S) Previous Names (PN)	<i>Macoma yoldiformis</i> , <i>Macoma</i> ( <i>Psammacoma</i> ) <i>yoldiformis</i>



*Macoploma yoldiformis*

Distribution	
Type Locality	
Geographic Distribution	Sitka, Alaska (57.1°N) [RBCM], to Bahia San Bartolome, Baja California Sur (27.7°N) [LACM], in the intertidal zone to 100m, in bays and protected foreshores in sand or mud.

Description
<b>Length</b> to 25 mm; <b>shape</b> subelliptical, inequilateral; longer <b>posteriorly</b> ; <b>shell</b> thin; <b>inflation</b> -compressed; <b>periostracum</b> shiny, thin, adherent; <b>sculpture</b> of fine commarginal striae; <b>posterodorsal margin</b> produced into flange; <b>umbones</b> prominent; <b>ligament</b> short, slightly bulbous; <b>hinge plate</b> narrow; two <b>cardinal teeth</b> in each valve; right valve with 2 subequal cardinal teeth; left valve with 2 cardinal teeth, posterior smaller; right posterior and left anterior cardinal teeth bifid; <b>lateral teeth</b> absent; <b>pallial sinuses</b> moderate in both valves, substantially detached in left valve, moderately in right

Related Species and Characteristic Differences	
Species Name	Diagnostic Characteristics
<i>Tellina modesta</i>	Ovate-elongate; pallial sinus deep in both valves, abutting internal radial rib;

## Diagnostic Characteristics

Diagnostic Characteristics

Photo Credit: Marine Sediment Monitoring Team

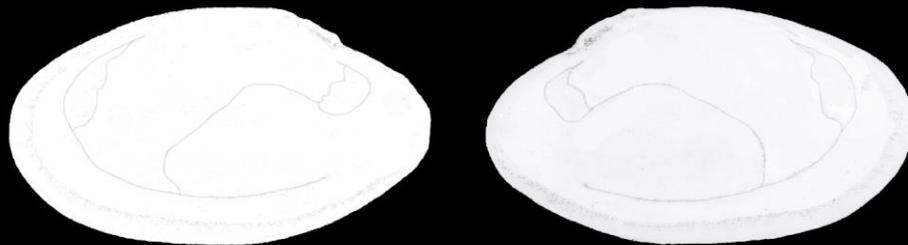
Posterior end much shorter than anterior end; pointed; shape subelliptical

2 mm



*Macoploma yoldiformis*

Pallial sinus moderate in both valves



*Macoploma yoldiformis*

## Literature

Carpenter, P.P. 1864. Supplementary report on the present state of our knowledge with regard to the Mollusca of the west coast of North America. British Association for the Advancement of Science, Report 33[for 1863]: 517-686 (post-1 Aug.) [reprinted: Carpenter, 1872: 1-172]. p. 639.

Coan, E.V., Scott, P.V., 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. 407, 414, 416.

## 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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