

Thraciodes (Mollusca: Bivalvia) Reported from the City of San Diego's Ocean Monitoring Program

By K. Barwick

Thraciodes

Thraciidae

Asthenothaerus diegensis (Dall, 1915)

Cyathodonta pedroana Dall, 1915

Thracia trapezoides Conrad, 1849

Periplomatidae

Periploma discus Stearns, 1890

Periploma planiusculum G. B. Sowerby I, 1834

Key to species:

1. a. Shell with concentric oblique undulating ribs, Fig. 3**Cyathodonta pedroana*
b. Shell without ribs2
2. a. Chondrophore present located posterior to umbones on both valves, Fig. 1
Periploma spp.3
b. Chondrophore absent; a small rounded lateral projection just anterior to umbone on the right valve may be present, Fig. 24
3. a. Shell discoid shape, Fig. 6*Periploma discus*
b. Shell subquadrate, Fig. 7*Periploma planiusculum*
4. a. Shell length greater than 3 mm.5
b. Shell length less than or equal to 3 mm. Thraciidae
5. a. Ligament external, *Thracia* sp.6
b. Ligament internal, Fig. 4*Asthenothaerus diegensis*
6. a. Shell length less than or equal to 5 mm *Thracia* sp
b. Shell length greater than 5 mm, Fig. 5 *Thracia trapezoides*

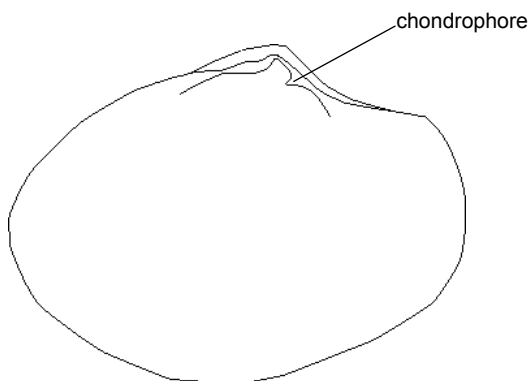


Fig. 1 — Right valve of *Periploma discus* showing internal hinge structure. (3 mm specimen)

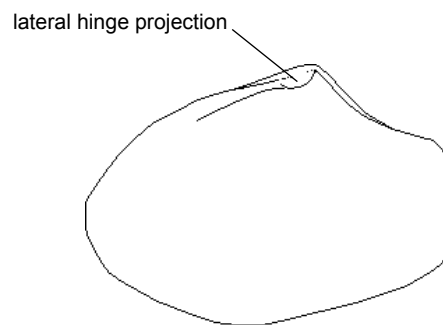


Fig. 2 — Right valve of Thraciidae showing internal hinge structure. (2 mm specimen)

* All figures original, by author.

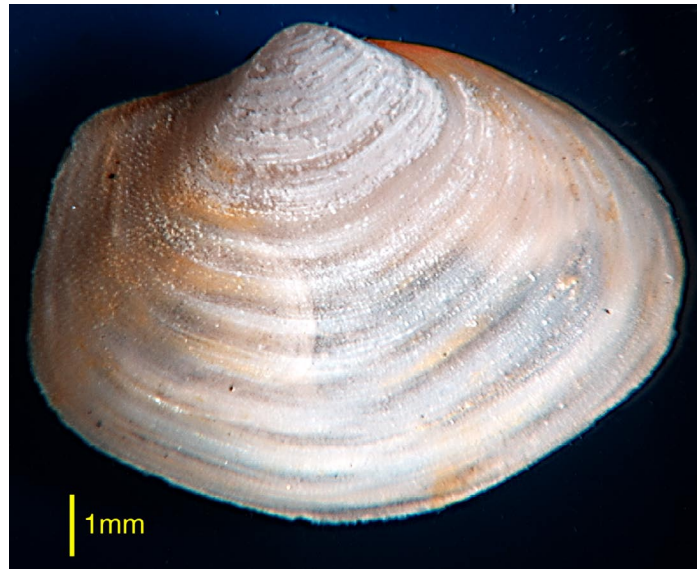


Fig. 3 — *Cyathodonta pedroana*



Fig. 4 — *Asthenothaerus diegensis*



Fig. 5 — *Thracia trapezoides* (tick marks = 1mm)



Fig. 6 — *Periploma discus* (length = 18 mm)

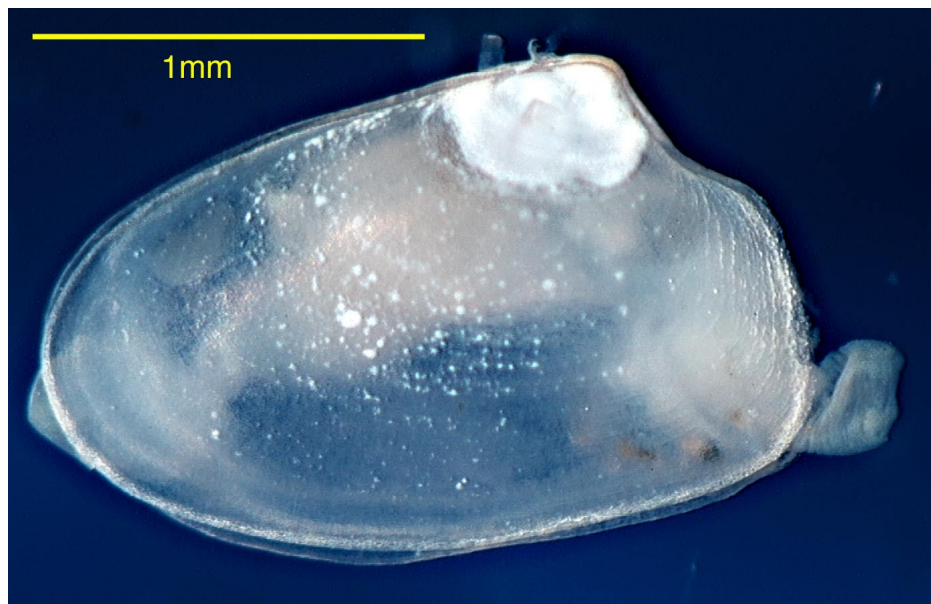


Fig. 7 — *Periploma planiusculum*