

VOUCHER SHEET

Cylichnella rolleri (Marcus, 1977)

Scaphandridae

Synonyms:

Utriculastra rolleri Marcus, 1977:29, Figs. 82-84
Cylichnella rolleri (Marcus, 1977); Gosliner, 1979:92

Important Characters:

The photographed shell (Fig. 82) is 8.5 mm high and 3.5 mm wide. It is ovoid, tapering gradually towards both ends. The protoconch is broken. There are about three whorls, separated by the deep suture. The periostracum shows about 50 wavy brown spiral lines, disposed rather equally over the whole shell, but leaving a white band under the suture.

The head shield is notched in front and bilobed behind. The radula has 17 rows of 1.0.1. teeth. On the inner border of the laterals stands a dense row of about 70 long denticles, as in the other species of Tornastra. The gizzard plates are opaque white with a narrow brown line around the cap. They are nearly semicircular, 1.6 mm long and 0.7 mm broad. The unpaired plate is round, 0.4 mm in diameter. The digestive tract contained prosoranchs, still with their soft parts, classified as Litiopa.

Comments:

Of the known species of "Tornatina" this is the only Pacific one with narrow, mirror image paired plates. The three gizzard plates resemble those of the Atlantic U. (Tornastra) bullata (Thiele, 1925, pl. 34, fig. 8), whose radula is not known. The species is named for the collector, Mr. Richard A. Roller.