

inclinati. Ligamentum flavum in sulco angusto marginali situm. Sinus pallii latus, arcuatus, haud profundus.

This species is only slightly inequivalve, equilateral, one-third longer than high, moderately convex, irregularly triangular, narrowed in front and broadly truncated posteriorly. The valves are white, very finely granulated throughout, exhibit marks of growth at intervals, and have a rounded angle extending from the umbones to the lower posterior extremity, and another subparallel with the margin which encloses the dorsal area. The dorsal margin is rectilinear posteriorly and nearly so in front, and almost equally oblique on both sides, forming at the apex an angle of about 130° . The anterior end is rather wedge-shaped and rounded at the extremity, the posterior side being squarely truncated, forming rounded angles with the dorsal and ventral margins, the latter being but very little curved and rather more ascending in front than behind. The external ligament is yellowish, and located in a narrow marginal groove behind the beaks. The pallial sinus is broad, arcuate, but not deep. The interior is not very glossy and radiately substriated.

Length 13 mm., height $9\frac{1}{2}$, diameter 5.

Habitat.—Station 162, off East Moncœur Island, Bass Strait, in 38 to 40 fathoms.

This species is rather like *Myodora australica*, Reeve, in respect of form.

Thracia modesta, Angas.

Thracia modesta, Angas, Proc. Zool. Soc. Lond, 1867, p. 908, pl. xlv. fig. 3.

Habitat.—Port Jackson, Sydney, in 2 to 10 fathoms.

The left valve of this species is rather shallower than the right. The single valve obtained by the Challenger has the posterior truncated end rather broader than the type figured by Angas, and the lower outline less curved.

Periploma, Schumacher.

Periploma compressa, d'Orbigny.

Periploma compressa, d'Orbigny, Voy. Amér. Mérid., vol. v. p. 514, pl. lxxviii. figs. 19, 20.

Testa transversim ovata, antice late rotundata, postice angustior, breviter acuminata, hians, paulo dextrorsum flexa, valde inæquilateralis, subcompressa, sordide, albida aspera, minute granulata, incrementi lineis striata. Margo dorsi anticus perelongatus, leviter arcuatus et declivis, posticus longe brevior, magis obliquus, primo rectiusculus. Margo ventris late curvatus, postice leviter sinuatus. Umbones parvi, acuti, fissi, circa in $\frac{1}{3}$ longitudinis collocati. Ossiculum cardinis ovatum, costa obliqua suffultum. Pagina interna submargaritacea, linea arcuata in valva sinistra ab umbone latum posticum versus radiante notata. Sinus pallii breviter linguiformis ad apicem rotundatus.