

*Cardita canaliculata*, Reeve.*Cardita canaliculata*, Reeve, Conch. Icon., vol. i. fig. 40.*Cardita cardioides*, Reeve, loc. cit., fig. 49.*Cardita cumingii*, Deshayes, Proc. Zool. Soc. Lond., 1852, p. 102, pl. xvii. fig. 15.

*Habitat.*—Station 212, Malanipa, Basilan Strait, Philippine Islands, in 10 fathoms; sand.

On closely comparing the above forms, I fail to appreciate any just grounds for their separation. *Cardita crenulata*, Deshayes, is also very similar, and will in all probability eventually prove to be but a slight variety, the hinge being exactly the same in all.

*Cardita beddomei*, n. sp. (Pl. XV. figs. 5–5a).

Testa inæquilateralis, subtrigono-rotundata, crassiuscula, mediocriter convexa, albida, postice rufo notata, costis tenuibus radiantibus nodulosis circa 25 (sulcis intervenientibus subæqualibus) instructa: margo dorsi posticus valde declivis, vix curvatus, ventralis parum arcuatus. Umbones prominentes; lunula parva, cordata, lævis.

Var. Testa magis quadrata, costis circa 27 instructa.

This species is considerably inequilateral, moderately convex, thickish, trigonally rounded, whitish and dotted and spotted with a reddish colour down the posterior side. It is ornamented with about twenty-five fine radiating ribs, which are either equal to the intervening sulci or rather broader, and covered with numerous small nodules or solidified scales which are more or less compressed, especially those near the ventral margin. The beaks in the typical form are well raised, so that the dorsal margins become very oblique on both sides. The posterior is long and only very slightly excurved, the anterior in the region of the small cordate smooth lunule being a little excavated.

The interior is white, with a tinge of pale red towards the umbones.

Length 17 mm., height 16, diameter 11.

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

In the British Museum there are two or three specimens dredged in Bass Strait by Macgillivray during the voyage of the "Rattlesnake" which slightly vary from the Challenger specimen. They are rather more quadrate, and have a few additional costæ.

This species closely resembles *Cardita bimaculata* of Deshayes from New Zealand, but has more numerous ribs, less epidermis, a shorter lunule, and lacks the orange colour on the muscular impressions.

*Cardita bimaculata*, Deshayes.*Cardita bimaculata*, Deshayes, Proc. Zool. Soc. Lond., 1852, p. 102, pl. xvii. figs. 4, 5.

Testa subquadrata, valde inæquilateralis, modice convexa, albida, pallide rufo punctata,