

This species is found at the Philippine Islands, on the east and west coasts of Australia, and also on the shores of Tasmania. I fail to appreciate the distinctions pointed out by Reeve with regard to *Cardium pallidum* and *Cardium radiatum*.

All the forms have exactly the same kind of epidermis, and differ only in the amount of colour and somewhat in outline. Some of the specimens from Port Jackson are very pretty, having the ribs pinkish-red interrupted by concentric pale irregular zones. Other examples from Swan River are more or less suffused throughout with a pinkish tint, the interior exhibiting a vivid purple-pink below the beaks.

Cardium (Bucardium) australe, Sowerby.

Cardium australe, Sowerby, Proc. Zool. Soc. Lond., 1840, p. 105.

Cardium australe, Sowerby, Conch. Ill., figs. 12, 12*.

Cardium australe, Römer, Conch.-Cab., ed. 2, p. 70, pl. xii. figs. 8, 9.

Cardium australe, Reeve, Conch. Icon., vol. ii. pl. xix. fig. 97.

Cardium pulchrum, Reeve, *loc. cit.*, fig. 98.

Habitat.—Off Levuka, Fiji, in shallow water ; and Station 208, Philippine Islands, in 18 fathoms.

This species has already been recorded from the coasts of Australia and China, from the Cape of Good Hope, the island of Rodriguez, and the Mauritius. Apparently it never attains nearly so large a size as *Cardium tenuicostatum*, which it closely resembles in many respects. It is, however, rather higher in proportion to the length, has more prominent umbones, is narrower above, smoother, more glossy, differently coloured, has stronger sculpture between some of the posterior riblets, which are not carinate down the middle, and it is not apparently adorned with an epidermis, judging from the series of specimens which I have examined.

A single shell from Station 208 constitutes a peculiar variety, differing from the normal form in being higher and narrower, and rather more finely and more numerous costate anteriorly and upon the central portion of the valves. It is also remarkable in having the umbo of the left valve stained purplish-red, that of the right being white.

Cardium (Bucardium) multispinosum, Sowerby.

Cardium multispinosum, Sowerby, Proc. Zool. Soc. Lond., 1840, p. 106.

Cardium multispinosum, Sowerby, Conch. Ill., figs. 38, *a, b*.

Cardium multispinosum, Hanley, Rec. Biv. Shells, pp. 137 and 363, pl. xvi. fig. 58.

Cardium multispinosum, Reeve, Conch. Icon., vol. ii. pl. ii. fig. 10.

Cardium multispinosum, Römer, Conch.-Cab., ed. 2, p. 67, pl. xii. figs. 1, 2.

Habitat.—Stations 188 and 189, both west of Cape York, North Australia, at depths of 28 and 25 fathoms ; green mud.