

The figures of *Cytherina acuminata*, given by Reuss (*loc. cit.*), though somewhat more slender, are very near to the present species in general character. Indeed, had Reuss's drawings referred to a recent species, there need have been no hesitation in saying that our shells belonged to the same, but as *Cytherina acuminata* is a chalk-marl species, and is stated to be only .7 mm. in length, it seems best to regard its identity as, at any rate, not proven for the present. The Challenger specimens are from near Booby Island, lat. 10° 36' S., long. 141° 55' E., 6 to 8 fathoms (Station 187), and (?) from Humboldt Bay, Papua, 37 fathoms. The type specimens, described in Les Fonds de la Mer, are from Batavia and other stations in the Malay Archipelago.

[Pl. II. fig. 4, *a-d*. *a* Carapace seen from left side, *b* from above, *c* from below, *d* from front. Magnified 50 diameters.]

5. *Macrocypris setigera*, n. sp. (Pl. I. fig. 1, *a-d*).

Carapace, as seen from the side, elongated, subtriangular, highest in the middle, height less than half the length; extremities rounded, the anterior the broader of the two; dorsal margin boldly arched, high in the middle, ventral nearly straight; seen from above, ovate, nearly thrice as long as broad, widest in the middle, and only slightly tapering towards the very broadly rounded extremities; end view nearly circular. Shell smooth, bearing a few small scattered setæ towards the extremities. Length, 1-20th of an inch.

Found only in a dredging made at Port Jackson, in a depth of 2 to 10 fathoms. The specimens being only empty shells, I have no means of verifying the generic reference, so that the position here assigned to the species must be understood as purely provisional.

[Pl. I. fig. 1, *a-d*. *a* Carapace seen from left side, *b* from above, *c* from below, *d* from front. Magnified 40 diameters.]

6. *Macrocypris tumida*, n. sp. (Pl. VI. fig. 2, *a-d*).

Shell oblong, tumid, subovate; seen laterally the anterior extremity is broadly rounded, the posterior obliquely rounded, produced and obscurely angular below; dorsal margin boldly and evenly arched, highest in the middle; ventral straight; height equal to half the length; seen from above the outline is broadly ovate, widest in the middle, and tapering very slightly towards the extremities, which are broadly rounded; the anterior slightly mucronate, width equal to the height; end view nearly circular. Shell-surface smooth. Length, 1-16th of an inch (1.55 mm.).

A very fine and well-marked species, found in a dredging from a depth of 28 fathoms, in Royal Sound, Kerguelen Island (Station 149), and from Wellington Harbour, New Zealand, in tow-net at trawl.

[Pl. VI. fig. 2, *a-d*. *a* Shell seen from left side, *b* from above, *c* from below, *d* from front. Magnified 30 diameters.]