

projection of the hinder portion of the valves; the dorsal surface is elevated along the hinge-line into a prominent ridge; the ventral surface keeled in a similar manner, and having the valve-margins expanded so as to form a flattened flange anteriorly; end view triangular, the angles rounded off, the lateral margins arched, and the ventral margin bisinuate; surface of the shell sculptured throughout with subrotund excavations of moderate size and rather closely set; the valves gradually elevated behind the middle so as to form a rather prominent alæform protuberance. Length, 1-62d of an inch (.41 mm.).

A well marked but small species, distinguished by the broadly truncated extremities and the alæform lateral elevations of the valves. It was noticed only in a dredging from Torres Straits, depth 155 fathoms, sand. (Station 185.)

[Pl. XIII. fig. 1, *a-d*. *a* Shell seen from left side, *b* from above, *c* from below, *d* from front. Magnified 60 diameters.]

17. *Cythere cumulus*, n. sp. (Pl. XIII. fig. 2, *a-d*).

Shell oblong, tumid; seen from the side, subquadrangular, not much higher in front than behind, height equal to a little more than half the length; anterior extremity well rounded; posterior rounded and narrow; dorsal margin straight; ventral straight throughout the greater part of its course, but turned abruptly upwards at an obtuse angle at the posterior extremity; seen from above the outline is boat-shaped, tapering abruptly in front, scarcely at all behind, sides nearly straight and parallel; anterior extremity obtusely pointed, posterior broad and rounded off, but having a small mucronate projection in the middle, width equal to the height; the end view is in the form of a high arch with a slightly convex base, the sides being nearly straight below the middle. Surface of the shell thickly covered with deep angular excavations. Length, 1-50th of an inch (.5 mm.).

The only dredging in which *Cythere cumulus* occurred is that from Port Jackson, 2 to 10 fathoms.

[Pl. XIII. fig. 2, *a-d*. *a* Shell seen from left side, *b* from above, *c* from below, *d* from front. Magnified 50 diameters.]

18. *Cythere flos-cardui*, n. sp. (Pl. XIII. fig. 3, *a-h*).

Carapace of the female, as seen from the side, subquadrangular, higher in front than behind, the greatest height situated near the anterior extremity and equal to nearly two-thirds of the length; anterior extremity broad and obliquely rounded, posterior narrower, oblique, scarcely rounded, looking slightly upwards; dorsal margin slightly arched, sloping gently backwards, and terminating in a distinct angle, ventral nearly straight, bent upwards at the posterior extremity; seen from above, ovate, with subparallel sides, twice as long as broad; anterior extremity narrow, rounded off, and mucronate in the