

The localities in which *Cythere reussi* was dredged are the following:—Off Booby Island, lat. 10° 36' S., long. 141° 55' E., 6 to 8 fathoms (Station 187); off the reefs, Honolulu, 40 fathoms; and Straits of Magellan, 55 fathoms (Station 313). The type-specimens were from Colon-Aspinwall, and differ somewhat from those here described, in being of more robust build and more strongly spinous.

[Pl. XIV. fig. 2, *a-d*. *a* Shell seen from left side, *b* from above, *c* from below, *d* from front. All magnified 60 diameters.]

23. *Cythere fortificata*, n. sp. (Pl. XXI. fig. 1, *a-d*).

Carapace compressed, oblong; seen from the side, quadrangular, not much higher in front than behind, height equal to one-half the length; anterior extremity rounded and fringed with a row of short, blunt teeth, posterior obliquely truncated, rounded off and fringed with a few short, almost obsolete teeth, below the middle; dorsal margin sloping greatly from the anterior extremity where it forms a gibbous elevation, slightly curved behind the middle, and ending in a somewhat rounded angle; ventral almost straight; seen from above, the outline is compressed, oblong, more than twice as long as broad, widest in the middle, the sides gently convex and tapering evenly to the extremities which are produced, obtuse and subtruncated; end view broadly ovate; the valves are smooth, and encircled, except on the ventral margin, by a flattened flange of no great width. Length, 1-47th of an inch (.53 mm.).

The only material which yielded this species was a sounding from a depth of 420 fathoms, in the Mid Pacific, about 38° S. latitude.

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

24. *Cythere foveolata*, n. sp. (Pl. XIII. fig. 5, *a-h*).

Carapace of the female tumid; seen from the side subrhomboidal, greatest height situated in the middle and equal to more than half the length; extremities obliquely rounded; dorsal margin flattened in the middle, and sloping steeply to either extremity, ventral sinuated in front and turned upwards at the back; the shape as seen from above is broadly ovate, scarcely twice as long as broad, with acutely pointed extremities and very convex sides; greatest width in the middle, whence the sides converge evenly towards each extremity; the posterior curve, however, broken by two small angular projections; end view cordate, the apex corresponding with the dorsal, base with the ventral, margin. Shell-surface marked all over with deep, closely-set, angular cavities; hinge-tubercles prominent. The outline of the male (figures *e-h*) is more compressed and very much more angular. Length, 1-45th of an inch (.53 mm.).

Several specimens occurred in dredgings from off Christmas Harbour, Kerguelen Island, 120 fathoms (Station 149); and off Heard Island, 75 fathoms (Station 151). The