

the side, the extremities are well rounded, the posterior rather the wider of the two; dorsal margin moderately arched, highest in the middle, sloping steeply in front, ventral sinuated in the middle; height equal to nearly half the length; seen from above the outline is regularly ovate, greatest width situated in the middle, and equal to rather less than the height; extremities subacuminate, and nearly equal; end view subcircular. Surface of the shell covered with minute, closely-set impressed puncta, and on the ventral aspect marked with delicate longitudinal grooves. Length, 1-43d of an inch (.57 mm.).

A few specimens of this elegant species were dredged in the Straits of Magellan, lat. 52° 21' S., long. 68° 0' W., depth 55 fathoms (Station 313).

I refer it, not without hesitation, to the genus *Cythere*, the general configuration of the shell having much in common with the Cypridæ, but as in many other cases noted in this memoir, the want of opportunity of examining the animal structure leaves the real affinity of the species open to doubt.

[Pl. XIV. fig. 3, *a-d*. *a* Carapace seen from left side, *b* from above, *c* from below, *d* from front. All magnified 60 diameters.]

2. *Cythere* (?) *laganella*, n. sp. (Pl. XVI. fig. 7, *a-d*).

Shell oblong, subreniform, compressed; the extremities as seen from the side are boldly rounded, and nearly equal; dorsal margin moderately arched, ventral slightly sinuated; the height, which is greatest in the middle, equal to more than half the length; seen from above, the outline is much compressed and widest in the middle, regularly ovate, sharply-pointed in front, rather more obtuse behind; width equal to about one-third of the length; end view ovate, much higher than broad. Shell-surface perfectly smooth. Length, 1-58th of an inch (.44 mm.).

Dredged in Torres Straits, lat. 11° 35' S., long. 144° 3' E., 165 fathoms (Station 185).

[Pl. XVI. fig. 7, *a-d*. *a* Shell seen from left side, *b* from above, *c* from below, *d* from front. Magnified 60 diameters.]

3. *Cythere tenera*, G. S. Brady (Pl. XII. fig. 3, *a-f*).

*Cythere tenera*, Brady, Monog. Recent Brit. Ostr., 1868, p. 399, pl. xxviii. figs. 29-32.

*Cythere tenera*, Brady, Crosskey, and Robertson, Monog. Post-Tertiary Entom., 1874, p. 145, pl. xiii. figs. 6, 7.

Carapace of the female oblong, compressed; seen from the side, subquadrangular, rather higher in front than behind, height equal to half the length; anterior extremity rounded, posterior subtruncate, only slightly rounded, and smaller than the anterior; dorsal margin sloping almost in a right line from before backwards; ventral nearly straight, seen from above, compressed, subovate, widest near the middle, sides nearly parallel in the middle, and converging rather suddenly towards the extremities, which are obtusely pointed, width equal to rather more than one-third of the length; end view