

The specimens shown in Plate XXIX. I at first thought to be specifically distinct from those got at Booby Island, but though there is a considerable difference in form as well as in sculpture, I believe this may be accounted for by supposing the Port Jackson specimens to be of more advanced growth; something also may be allowed for local variation.

[Pl. XXVIII. fig. 5, *a-f*. *a* Carapace of female (Booby Island) seen from left side, *b* from above, *c* from below, *d* from front; *e* male seen from left side, *f* from above. Pl. XXIX. fig. 3, *a-d*. *a* Carapace of female (?) (Port Jackson), seen from left side, *b* from above, *c* from below, *d* from front. All magnified 50 diameters.]

8. *Loxoconcha sinensis*, G. S. Brady (Pl. XXIX. fig. 2, *a-d*).

*Loxoconcha sinensis*, Brady, Les Fonds de la Mer, p. 158, pl. xvi. figs. 17, 18 (*Icones malce*).

Carapace oblong, tumid; seen from the side, subrhomboidal, slightly higher in front than behind, height equal to nearly two-thirds of the length; anterior extremity rounded, posterior slightly produced in the middle, and obliquely sinuated above, dorsal and ventral margins nearly straight; seen from above the outline is somewhat hastate, with subparallel curved sides which converge rather abruptly towards the front, and end in an acuminate apex, the posterior extremity is broadly rounded, and mucronate in the middle, width equal to the height; end view subcordate, broadly rounded below, angulated at the apex. Surface sculptured much as in *Loxoconcha guttata*. Length, 1-48th of an inch (.52 mm.).

*Loxoconcha sinensis* was found only in dredgings from Hong Kong Harbour, and from the Inland Sea, Japan, in a depth of 15 fathoms on a muddy bottom (Station 233b). The type specimens were from Hong Kong.

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

9. *Loxoconcha guttata*, Norman (Pl. XXIX. fig. 1, *a-f*).

*Cythere guttata*, Norman, Nat. Hist. Trans. Northumberland and Durham, vol. i. 1865, p. 19, pl. vi. figs. 9-12.

*Loxoconcha guttata*, Brady, Monog. Recent Brit. Ostrac., 1868, p. 436, pl. xxvii. figs. 40-44.

*Loxoconcha guttata*, Brady, Crosskey, and Robertson, Post-Tertiary Entomostraca, p. 186, pl. viii. figs. 5-7.

Carapace of the female oblong, tumid; seen from the side, peach-stone shaped, about equal in height before and behind, height equal to nearly two-thirds of the length; anterior extremity rounded, posterior produced in the middle and emarginate above the middle; dorsal margin nearly straight behind, curved in front; ventral convex behind, sinuated in front; seen from above, ovate, widest in the middle, twice as long as broad;