

rounded off. The sides of the valves are marked with irregularly scattered subrotund excavations of variable size; just within the ventral margin there is an elevated ridge, and occasionally one or more indistinct longitudinal ribs on the middle of the valves which are also slightly undulated transversely; the hinge-line on the dorsal aspect of the shell is distinctly depressed in the middle. Length, 1-37th of an inch (.74 mm.).

Dredged off Nightingale Island, Tristan d'Acunha, in 100 to 150 fathoms (Station 135); also in anchor-mud, from a depth of 6 fathoms, Stanley Harbour, Falkland Islands (Station 316).

The somewhat different forms figured in Plates XVI. and XXVI. I at first supposed to belong to distinct species, but my impression now is that they cannot properly be separated. The forms shown in Pl. XVI. occurred in the Falkland Islands only; that in Pl. XXVI. in both localities.

[Pl. XXVI. fig. 6, *a-d*. *a* Shell seen from left side, *b* from above, *c* from below, *d* from front. Magnified 50 diameters. Pl. XVI. fig. 3, *a-d*, represent similar views of one of the Falkland Island forms. Magnified 60 diameters.]

27. *Cythere* (?) *serratula*, n. sp. (Pl. XLIII. fig. 7, *a-d*).

Valves compressed, oblong; seen from the side subreniform, rather higher in front than behind, height equal to half the length; extremities boldly rounded, anterior smooth, posterior bordered with a series of very small distant spines; dorsal margin nearly straight, ventral deeply sinuated in the middle; seen from above the valves are compressed, ovate, and slightly sinuated in the middle of the lateral margin. Shell smooth, or very partially and indistinctly marked with small circular impressed puncta. Length, 1-23d of an inch (1.1 mm.).

*Cythere serratula* occurred in three dredgings, but in each case only a very few separated valves were found; it might, perhaps, more properly have been placed amongst the *Cypridæ*, but its real affinity must, with the scanty material at present available, be merely conjectural:—Off Culebra Island, West Indies, 390 fathoms (Station 24); off Canaries, 1125 fathoms (Station 85); and north of Tristan d'Acunha, 1425 fathoms (Station 335).

[Pl. XLIII. fig. *a-d*. *a, c*, Right valves (? young and old) seen from side; *b, d*, the same seen from below. Magnified 40 diameters.]

28. *Cythere pyriformis*, n. sp. (Pl. XV. fig. 3, *a-d*).

Valves seen from the side, much higher in front than behind, all the margins perfectly smooth; anterior extremity broadly rounded, posterior also rounded, but much narrower; dorsal margin boldly arched, highest in front of the middle, and sloping steeply backwards, ventral margin nearly straight, greatest height equal to considerably more than