

7. *Macrocypris decora*, G. S. Brady (Pl. I. fig. 3, *a-d*, and Pl. VI. fig. 8, *a, b*).

*Cytherideis decora*, Brady, Trans. Zool. Soc., 1865, vol. v. p. 366, pl. lvii. fig. 13, *a-c*.

*Paracypris hieroglyphica*, Brady, Les Fonds de la Mer, tom. i., 1868, p. 62, pl. vii. figs. 7, 8.

Carapace, as seen from the side, elongated, flexuous, siliquose, highest in the middle; anterior extremity rather obliquely rounded, posterior attenuated, and very slightly rounded off, almost acuminate; dorsal margin boldly arched, somewhat flattened in the middle, sloping with a slight sinuosity towards the front, more steeply, and almost in a right line, backwards; ventral margin deeply sinuated in the middle; seen from above the outline is ovate, widest in the middle, and tapering to the extremities which are equally pointed, width and height almost equal; end view subcircular. Surface of the shell smooth, polished, and marked, in fresh living specimens, with two or more waved transverse bands of black (Pl. VI. fig. 8). Length, 1-22d of an inch (1.1 mm.).

A widely-distributed species in the Southern Hemisphere. Among the Challenger dredgings it occurred as follows:—Off Culebra Island, West Indies, 390 fathoms, mud (Station 24); off North Brazil, 350 fathoms, mud (Station 122); off Christmas Harbour, Kerguelen Island, 120 fathoms (Station 149); Nares' Harbour, Admiralty Islands, 16 fathoms. The type specimens were from Australia, and those more lately described under the name of *Paracypris hieroglyphica*, from Batavia.

Between this and the following species, *Macrocypris maculata*, the distinction is not very clear, the more regularly arcuate dorsal curve of the latter, together with its more evenly rounded extremities, when viewed from the side, seem to be the best diagnostic marks; but it is quite possible that further examination may show the two forms to belong to the males and females of one and the same species. The figures in Pl. VI. are given merely to show the coloured markings which occur in characteristic specimens.

[Pl. I. fig. 3, *a-d*. *a* Carapace seen from left side, *b* from above, *c* from below, *d* from front. Pl. VI. fig. 8, *a, b*. *a* Carapace seen from right side, *b* from above. Magnified 40 diameters.]

8. *Macrocypris maculata*, G. S. Brady (Pl. I. fig. 2, *a-d*).

*Cytherideis maculata*, Brady, Trans. Zool. Soc., 1865, vol. v. p. 367, pl. lvii. fig. 12, *a-b*.

Carapace, seen from the side, elongated, subreniform, highest in the middle, extremities rounded, and nearly equal in width, dorsal margin boldly arched, sloping about equally to either end; ventral margin sinuated in front of the middle, height scarcely equal to half the length; seen from above ovate, nearly thrice as long as broad, widest in the middle, and tapering evenly to each extremity; end view broadly ovate, keeled below. Shell smooth and polished. Length, 1-16th of an inch (1.55 mm.).

*Macrocypris maculata* was found in dredgings from the following localities:—Simon's