

front, *e* left valve *f* right valve; all magnified 40 diameters. Plate III. fig. 2, *a-b*. *a* Second maxilla of male, *b* second foot.]

2. *Macrocypris canariensis*, n. sp. (Pl. II. fig. 3, *a-d*).

Carapace, as seen from the side, elongated, arcuate, highest in the middle, the dorsal margin forming one continuous arch as far as the extremities, both of which are subacute; ventral margin nearly straight; height equal to one-third of the length; seen from above, the outline is elongate-ovate, more than thrice as long as broad, widest in the middle, and tapering gradually to the extremities, both of which are acuminate. Surface of the shell quite smooth. Length, 1-12th of an inch (2.1 mm.).

Only one example of this species has been noticed. It occurred in a dredging from a depth of 620 fathoms, off the Canary Islands, on a bottom of sandy mud and shells (Station 8).

[Pl. II. fig. 3, *a-d*. *a* Carapace seen from left side, *b* from above, *c* from below, *d* from front. Magnified 30 diameters.]

3. *Macrocypris similis*, n. sp. (Pl. II. fig. 2, *a-d*).

Carapace, as seen from the side, elongated, siliquose, highest in the middle, height not equal to one-half of the length; anterior extremity broadly rounded, posterior acuminate at the ventral angle; dorsal margin strongly arched, sloping gently towards the front, and with a steep curve to the ventral angle; ventral margin sinuous, incurved in the middle; seen from above, ovate, widest in the middle, nearly thrice as long as broad; extremities acute; end view subcircular, width less than the height. Shell-surface smooth and polished. Length, 1-12th of an inch (2.1 mm.).

*Habitat*.—Off Pernambuco, lat. 8° 37' S., long. 34° 28' W., 675 fathoms, mud (Station 120). From a sounding in a depth of 160 fathoms off the coast of Patagonia, and off Ascension Island, 420 fathoms.

This is perplexingly like in its general characters to the next described species, *Macrocypris orientalis*; but it is at least twice as large, and somewhat more compressed.

[Pl. II. fig. 2, *a-d*. *a* Carapace seen from left side, *b* from above, *c* from below, *d* from front. Magnified 30 diameters.]

4. *Macrocypris orientalis*, G. S. Brady (Pl. II. fig. 4, *a-d*).

*Macrocypris orientalis*, Brady, Les Fonds de la Mer, tom. i., p. 61, pl. vii. figs. 1-3.

(?) *Cytherina acuminata*, Alth., Reuss in Haidinger's Abhandl., 1850, vol. iv. p. 49, tab. vi. fig. 7, *a-c*, and fig. 8.

Except in its much smaller size, and in being more robust, there are no characters in this species to separate it from *Macrocypris similis*. Its length is 1-27th of an inch (.9 mm.).