

from above, the shape is ovate, rather more than twice as long as broad, widest in front of the middle, and acuminate at the extremities; end view broadly ovate. Surface of the shell perfectly smooth. Length, 1-30th of an inch (.85 mm.).

The foregoing description applies to the female carapace, which I suppose to be represented by the figures *a-c*, the form figured at *d* being probably the male of the same species. Forms found in the Antwerp Crag differing from each other in almost precisely the same way, and agreeing very closely with those here described, I have, through the kindness of M. Ernest Vanden Broeck, already had the opportunity of describing; the Challenger specimens are, however, somewhat larger. The following dredgings yielded specimens which I refer to this species: males, off East Moncœur Island, Bass Strait (Station 162), 38 to 40 fathoms, sand; females, off Reefs, Honolulu, 40 fathoms.

[Pl. I. fig. 4, *a-d*. *a* Shell of female seen from left side, *b* from below, *c* from front, *d* male seen from left side. All magnified 40 diameters.]

4. *Pontocypris attenuata*, G. S. Brady (Pl. XV. fig. 2, *a-d*).

*Pontocypris attenuata*, Brady, Ann. and Mag. Nat. Hist., ser. 4, vol. ii. 1868, p. 179, pl. iv. figs. 11-14.

Carapace compressed, elongated, siliquose; seen from the side subtriangular, much higher in front than behind, height scarcely equal to half the length; anterior extremity broadly rounded, posterior attenuated, and tapering to a narrowly-rounded point; dorsal margin elevated, and subangular in front of the middle, thence sloping gently towards the front, steeply and almost in a straight line backwards; ventral margin deeply sinuated in front of the middle; seen from above, the outline is compressed, lanceolate, widest in front of the middle, extremities acuminate, greatest width equal to about one-third of the length; end view ovate; surface of the shell quite smooth. Length, 1-43d of an inch (.57 mm.).

Found in anchor-mud, from a depth of 7 fathoms, in Hong-kong Harbour and in Humboldt Bay, Papua, 37 fathoms. The type-specimens were from Mauritius.

[Pl. XV. fig. 2, *a-d*. *a* Carapace seen from left side, *b* from above, *c* from below, *d* from front. All magnified 60 diameters.]

5. *Pontocypris* (?) *subreniformis*, n. sp. (Pl. XV. fig. 6, *a-d*).

Carapace, as seen from the side, subreniform, highest in the middle, height equal to somewhat more than half the length; anterior extremity rounded, somewhat depressed, posterior broad, rather flattened, rounded off above and below; dorsal margin very boldly arched, almost gibbous in the middle where it is highest; ventral margin, very slightly sinuated; seen from above the outline is evenly ovate, widest in the middle, extremities rounded off, the anterior much the narrower of the two, greatest width equal to more