

Habitat.—Simon's Bay, South Africa, 15 to 20 fathoms (Station 140). Lat. $39^{\circ} 32' S.$, long. $171^{\circ} 48' E.$, 150 fathoms. Grey ooze (Station 167).

Though approaching very closely to the species described by M. Bosquet, under the name *ovata*, this somewhat differs from the figures given by that author, in being somewhat higher in proportion to its length, and more acute at the posterior angle. Still the resemblance is sufficiently close to justify, at any rate, a provisional reference to that species. I have not yet seen a specimen retaining both valves in apposition.

[Pl. VII. fig. 3, *a-d*. *a* Left valve seen from side, *b* from above, *c* right valve seen from side, *d* from above. Magnified 40 diameters.]

10. *Bairdia globulus*, n. sp. (Pl. IX. fig. 1, *a-d*).

Carapace excessively tumid; as seen from the side, subcircular, the circumference forming one continuous curve, except behind, where the upper and lower borders unite, and form an acute angle; the anterior extremity is very broadly rounded, and bears a fringing row of several short closely-set teeth; the dorsal margin is very boldly and evenly arched, the ventral margin also considerably arched; height equal to three-fourths of the length; seen from above, the outline is broadly ovate, widest in the middle, and tapering equally to the extremities which are subacuminate, width equal to two-thirds of the length; end view ovate, tumid, height not much greater than the width. Surface of the shell smooth, marked by a few distant small impressed puncta. Length, 1-20th of an inch (1.3 mm.).

Two or three specimens only of this interesting and well-marked species were found amongst the proceeds of dredgings made near the Admiralty Islands, in a depth of 16 to 25 fathoms.

[Pl. IX. fig. 1, *a-d*. *a* Carapace seen from left side, *b* from above, *c* from below, *d* from front. Magnified 40 diameters.]

11. *Bairdia amygdaloides*, G. S. Brady (Pl. IX. fig. 5, *a-f*, Pl. X. fig. 2, *a-c*).

Bairdia amygdaloides, Brady, Trans. Zool. Soc. Lond., 1865, vol. v. p. 364, pl. lvii. fig. 6, *a-c*.
Bairdia de wattrei, Brady, Les Fonds de la Mer, p. 199, pl. xxvii. figs. 17, 18.

Carapace, as seen from the side, subtriangular, greatest width situated in the middle, and equal to two-thirds of the length; anterior extremity broad and obliquely rounded, posterior narrowed to a subacute angle; dorsal margin boldly arched and somewhat gibbous in the middle, sloping almost in a right line toward the front, and with a steep curve backwards; ventral more or less convex; seen from above ovate, with slightly rounded extremities, width in the middle equal to half the length; end view broadly ovate, height one-third greater than the width. Surface of the shell smooth, often finely punctate. Length, 1-20th of an inch (1.3 mm.).

Habitat.—Off East Monccour Island, Bass' Strait, 38 to 40 fathoms (Station 162);