

long as broad, widest in the middle; anterior extremity subacuminate, posterior broadly mucronate; end view ovate, widest below, height almost one-third greater than the width. Surface of the shell smooth, sometimes sparingly punctate, and (especially towards the hinder end) bearing a few scattered, rigid hairs. Length, 1-15th of an inch (1.6 mm.).

*Habitat.*—Off Culebra Island, West Indies, 390 fathoms, mud (Station 24); lat. 38° 11' N., long. 27° 9' W., 900 fathoms, globigerina ooze (Station 76); off Azores, lat. 38° 37' N., long. 28° 30' W., 450 fathoms, sand (Station 75); off North Brazil, 350 to 675 fathoms, mud (Stations 120 and 122); off Christmas Harbour, Kerguelen Islands, 120 fathoms (Station 149); off Sydney, Australia, 410 fathoms, grey ooze, Station 164a(?); north of Tristan d'Acunha, lat. 32° 24' S., long. 13° 5' W., 1425 fathoms, Station 335 (?).

This fine species seems to be commonly distributed in the South-Western Atlantic, and perhaps over even a larger area of the Southern Hemisphere, inhabiting chiefly water of a considerable depth. The two stations, 164a and 335, must be considered as doubtful, the specimens from the former place being not very well characterised, and only provisionally referred to this species, while from Tristan d'Acunha there is only one valve, which probably, but by no means certainly, belongs to *Bairdia victrix*. The species was first described from examples brought from Colon-Aspinwall, and I have also seen specimens taken at Cuba.

[Pl. X. fig. 5, a-d. a Carapace seen from left side, b from above, c from below, d from front. Magnified 40 diameters.]

15. *Bairdia woodwardiana*, n. sp. (Pl. XI. fig. 1, a-e).

Carapace elongated, tumid, height equal to half the length; seen from the side, sub-rhomboidal; anterior extremity oblique, slightly rounded, ending above in an obtuse angle; posterior attenuated and produced into a tapering acute or subacute beak; dorsal margin forming a rather flattened arch, and sinuated towards each extremity, ventral nearly straight; seen from above, the outline is regularly ovate, about twice as long as broad, hinder end more tapering and acute than the front; end view subtriangular, widest below; height and width equal. Shell-surface smooth, more or less ornamented with minute circular punctures. Length, 1-25th of an inch (1 mm.).

Found only in one dredging—off Nukualofa, Tongatabu, 18 fathoms, coral (Station 178). About half a dozen specimens were picked out of this dredging.

Seen laterally the resemblance is very close between this species and *Bairdia crosskeiana*, but in all other aspects the two are entirely different, so that, though both species occurred in the Tongatabu dredging, it is scarcely likely that the differences are those merely of sex or growth.

The species is dedicated to my friend Dr H. Woodward, F.R.S. of the British