

both extremities are slightly produced; height equal to two-thirds of the length; seen from above, the outline is broadly ovate, with suddenly tapering and produced mucronate extremities, twice as long as broad; end view very broadly ovate, the greatest width being below the middle, and almost equalling the height. Shell brown and densely hairy. Length, 1-16th of an inch (1.55 mm.).

Dredged in lat. 38° 6' S., long. 88° 2' W., bottom of red clay, 1825 fathoms (Station 296); and in lat. 33° 42' S., long. 78° 18' W., 1375 fathoms, among globigerina ooze (Station 300).

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

4. *Bairdia simplex*, n. sp. (Pl. VII. fig. 1, *a-d*).

Carapace, as seen from the side, oblong, subovate, nearly twice as long as high, extremities rather narrow, evenly rounded; dorsal margin arched, ventral straight or slightly convex; the outline, as seen from above, is compressed, ovate, about twice as long as broad, widest in the middle, extremities subacuminate; end view broadly ovate, widest in the middle, width equal to two-thirds of the height. Shell-surface smooth, with a few scattered hairs. Length, 1-20th of an inch (1.3 mm.).

One or two specimens of this species were found in a dredging (Station 151) made off Heard Island, in 75 fathoms; on a muddy bottom. Were it not for its much more elongated contour and larger size, it might have been referred to *Bairdia villosa*, to which in other respects it bears a very close resemblance.

[Pl. VII. fig. 1, *a-d*. *a* Carapace seen from the left side, *b* from above, *c* from below, *d* from front. Magnified 30 diameters.]

5. *Bairdia exaltata*, n. sp. (Pl. IX. fig. 2, *a-d*).

Carapace, as seen from the side, subovate, highest in the middle; height equal to more than two-thirds of the length; extremities evenly, and very broadly rounded, dorsal margin excessively arched, ventral slightly convex; seen from above the outline is ovate, with compressed, though rather obtuse extremities, more than twice as long as broad, the greatest width being in the middle; end view ovate, much attenuated towards the dorsal edge, widest in the middle, the greatest width equal to two-thirds of the height. Shell-surface perfectly smooth, and polished. Length, 1-18th of an inch (1.4 mm.).

One or two specimens only of this fine and very distinct species were collected in a dredging from lat. 2° 33' S., long. 144° 4' E., 1070 fathoms. Bottom of globigerina ooze (Station 218).

[Pl. IX. fig. 2, *a-d*. *a* Carapace seen from left side, *b* from above, *c* from below, *d* from front. Magnified 40 diameters.]