

any other, but requiring further investigation with the help of a larger series of specimens.

[Pl. XI. fig. 2, *a-e*. *a* Carapace seen from left side, *b* from right side, *c* from above, *d* from below, *e* from front. Magnified 50 diameters.]

18. *Bairdia attenuata*, n. sp. (Pl. XI. fig. 3, *a-e*).

Carapace compressed, seen from the side, subtriangular; height equal to more than half the length; anterior extremity oblique, rounded off below, but obtusely angular above; posterior extremity narrowed and produced into a tapering beak; dorsal margin boldly arched in the middle, sinuated towards each extremity, ventral slightly convex; dorsal outline compressed, lozenge-shaped, twice and a half as long as broad, widest in the middle, extremities acuminate; end view ovate, tapering towards the dorsum; width equal to two-thirds of the height; surface of the shell marked with small and closely-set, circular, impressed punctures. Length, 1-30th of an inch (.85 mm.).

Found only in a dredging from Torres Straits, lat. 11° 35' S., long. 144° 3' E., 155 fathoms, sand (Station 185); and off the reefs at Honolulu, in a depth of 40 fathoms.

The compressed form, taken together with the other characters, abundantly distinguishes this from all other known species.

[Pl. XI. fig. 3, *a-e*. *a* Carapace seen from left side, *b* from right side, *c* from above, *d* from below, *e* from front. Magnified 50 diameters.]

19. *Bairdia fortificata*, n. sp. (Pl. XI. fig. 4, *a, b*).

Valves as seen from the side, oblong, subquadrate; height equal to somewhat more than half the length; extremities broad, rather oblique, moderately rounded, and fringed each with nine or ten short, blunt teeth; dorsal margin gently arched; ventral nearly straight; outline, as seen from above, ovate, widest in the middle; surface of the shell sculptured with numerous closely-set subrotund excavations of moderate size. Length, 1-23d of an inch (1.1 mm.).

Only one specimen of this species, the valves of which, unfortunately, separated before it could be drawn, was found in a dredging made, in a depth of 6 to 8 fathoms, off Booby Island, lat. 10° 36' S., long. 141° 55' E. (Station 187).

[Pl. XI. fig. 4, *a, b*. *a* Left valve seen laterally, *b* the same from above. Magnified 50 diameters.]

20. *Bairdia angulata*, G. S. Brady (Pl. XI. fig. 5, *a-d*).

*Bairdia angulata*, Brady, Les Fonds de la Mer, tom. i. p. 199, pl. xxvii. figs. 11, 12.

Carapace oblong, compressed; seen from the side, subreniform, scarcely twice as long as high; extremities well and evenly rounded; the anterior bearing about the middle a