

Museum, a naturalist to whose long continued and conscientious labours all students of the Crustacea are deeply indebted.

[Pl. XI. fig. 1, *a-e*. *a* Carapace seen from left side, *b* from right side, *c* from above, *d* from below, *e* from front. Magnified 50 diameters.]

16. *Bairdia crosskeiana*, G. S. Brady (Pl. IX. fig. 3, *a-c*).

*Bairdia crosskeiana*, Brady, Trans. Zool. Soc. Lond., 1865, vol. v. p. 366, pl. lvii. fig. 10, *a-d*.

Carapace elongated, compressed, greatest height equal to about half the length, and situated rather in front of the middle; seen laterally the outline is subpyriform, wider in front than behind; anterior extremity obliquely rounded and angulated at its junction with the dorsal margin; posterior gradually tapering, subacute, and more or less squamously dentated below; dorsal margin moderately arched, slightly sinuated in front; ventral margin nearly straight seen from above, the outline is spear-shaped, more than twice as long as broad, widest near the front, tapering abruptly and with a slight sinuosity forwards, very gradually and with a gentle curve backwards; the anterior extremity is somewhat obtusely rounded, the posterior subacute; end view ovate, narrowed above, broad below, height considerably exceeding the width. Surface of the shell smooth, marked with closely-set minute punctations. Length, 1-25th of an inch (1 mm.).

Found in the Tongatabu dredging, along with the preceding species; at Nares' Harbour, Admiralty Islands, in a depth of 16 fathoms; and off reefs at Honolulu, in 40 fathoms.

The southern form as shown by the Challenger dredgings differs from the types taken in the Mediterranean only in being somewhat more slender. My first specimens were found in sponge-sand from the Levant, but since then I have had dredged specimens from other parts of the Mediterranean.

[Pl. IX. fig. 3, *a-c*. *a* Carapace seen from left side, *b* from below, *c* from front. Magnified 40 diameters.]

17. *Bairdia expansa*, n. sp. (Pl. XI. fig. 2, *a-e*).

Carapace oblong, tumid; seen from the side, subrhomboidal; anterior extremity obliquely subtruncate, scarcely at all rounded; posterior much narrower, oblique, somewhat squamous, and divided into a few flattened tooth-like processes; dorsal margin evenly arched, ventral straight; height equal to more than half the length; the dorsal view is broadly ovate, not twice as long as broad, widest in the middle, tapering evenly to the extremities, which are mucronate; end view subtriangular, width slightly exceeding the height; shell-surface perfectly smooth. Length, 1-33d of an inch (.77 mm.).

One specimen only, from a depth of 40 fathoms, off Honolulu, in company with *Bairdia crosskeiana*, *attenuata* and *amygdaloides*. Apparently quite distinct from