

moderately arched, inferior slightly sinuated in front; seen from above the outline is ovate, tapering only slightly towards the extremities, scarcely pointed in front, rounded behind; the width, which is greatest about the middle is just equal to the height; end view nearly circular. Surface of the shell perfectly smooth. Length, 1-52d of an inch (.49 mm.).

The following are the dredgings in which *Xestoleberis curta* has been noticed:—Off Bermudas, 435 fathoms, mud (Station 33); Royal Sound, Kerguelen Island, 28 fathoms (Station 149); Port Jackson, Australia, 2 to 10 fathoms; off Booby Island, lat. 10° 36' S., long. 141° 55' E.; 6 to 8 fathoms (Station 187); off reefs at Honolulu, 40 fathoms; in lat. 33° 42' S., long 78° 18' W.; 1375 fathoms (Station 300). The type-specimen described in the Zoological Society's Transactions (*loc. cit.*) was from the West Indies, and differs in no important respect from those here described, though the measurement is somewhat larger—1-42d of an inch.

[Pl. XXXI. fig. 6, *a-d*. *a* Carapace seen from left side, *b* from above, *c* from below, *d* from front. Magnified 50 diameters.]

7. *Xestoleberis polita*, G. S. Brady (Pl. XXXI. fig. 7, *a-c*).

*Xestoleberis polita*, Brady, Les Fonds de la Mer, tom. i. p. 202, pl. xxvii. figs. 15, 16.

Carapace as seen from the side, pear-shaped, highest behind the middle; anterior extremity narrow, posterior broad, both well rounded, dorsal margin moderately arched, inferior straight or slightly convex, height equal to two-thirds of the length; seen from above, compressed, ovate, narrowed, and obtusely pointed in front, somewhat broader and rounded behind; width rather less than the height; end view nearly circular. Surface of the shell smooth, very sparingly papillose. Length, 1-52d of an inch (.49 mm.).

The Challenger specimens of this species were found in mud brought up on the anchor from a depth of 6 fathoms in Stanley Harbour, Falkland Islands (Station 316). The type-specimens were taken in a locality not very far distant—Halt Bay, Straits of Magellan.

[Pl. XXXI. fig. 7, *a-c*. *a* Carapace seen from left side, *b* from below, *c* from front. Magnified 50 diameters.]

8. *Xestoleberis margaritea*, G. S. Brady (Pl. XXX. fig. 2, *a-g*).

*Cytheridea margaritea*, Brady, Trans. Zool. Soc., 1865, vol. v. p. 370, pl. lviii. fig. 6, *a-d*.

(?) *Cytherina ovulum*, Reuss, Haidinger's Abhandl., Band iii. p. 55, pl. viii. fig. 19.

Carapace of the female, tumid; seen from the side, ovate, greatest height situated behind the middle, and equal to two-thirds of the length; extremities evenly rounded, dorsal margin moderately arched, ventral slightly sinuated in front of the middle; seen