

middle; posterior more abruptly rounded, almost truncated, and having also a mucronate process in the middle; end view broadly ovate, wide at the base, and only slightly tapered toward the dorsal margin. Surface of the shell beset with small angular fossæ, which have a concentric arrangement, and on the ventral surface form groves with separating ridges. Specimens which I take to be the male of this species (figures *e-h*) are rather different in shape, the infero-posteal angle being more decidedly rounded off, and the posterior extremity, when viewed from above, being expanded so as to give a distinct sinuation to the lateral margins, the whole outline thus getting a pretty close resemblance to that of a thistle-blossom; the sculpturing of the surface is also much coarser than in the female. Length, 1-55th of an inch (.46 mm.).

Several specimens of this *Cythere* occurred in a dredging from a depth of 40 fathoms, off the reefs at Honolulu. (Station 246.)

[Pl. XIII. fig. 3, *a-h*. *a* Shell of female (?) seen from left side, *b* from above, *c* from below, *d* from front, *e* shell of male (?) seen from left side, *f* from above, *g* from below, *h* from front. All magnified 60 diameters.]

19. *Cythere crispata*, G. S. Brady (Pl. XIV. fig. 8, *a-d*).

*Cythere cicatricosa*, G. O. Sars (1865), Oversigt af Norges marine Ostracoder, p. 33.

*Cythere badia* (in part), Brady (1868), Monog. Recent Brit. Ostrac., p. 399 (not figures). (Not *C. badia*, Norman.)

*Cythere badia*, Brady (1868), Les Fonds de la Mer, tom. i. p. 89.

*Cythere crispata*, Brady (1868), Ann. and Mag. Nat. Hist., ser. 4, vol. ii. p. 221, pl. xiv. figs. 14, 15.

*Cythere cicatricosa*, Brady and Robertson (1869), Ann. and Mag. Nat. Hist., ser. 4, vol. iii. p. 369, pl. xix. figs. 13, 14.

*Cythere crispata*, Brady, Crosskey, and Robertson (1874), Post-Tertiary Entomostraca, p. 146, pl. xii. figs. 52, 53, and pl. xiii. figs. 12, 13.

Shell, seen from the side, subquadrangular, rather higher in front than behind; height equal to at least half the length; anterior extremity obliquely rounded, posterior narrower, truncated, and only very slightly rounded; dorsal margin sloping from before backwards and gently curved, ventral slightly sinuated in the middle; seen from above, the outline is compressed and irregularly subhexagonal, the greatest width less than half the length; extremities truncated, the anterior being much narrower than the posterior, sides nearly parallel, but gently converging from a point in front of the middle to the anterior extremity, and, near the hinder end, slightly emarginate; end view hexagonal and nearly equilateral. Shell-surface sculptured all over with closely-set angular excavations of irregular form and size. Length, 1-50th of an inch (.5 mm.).

*Cythere crispata* was observed in dredgings from Port Jackson, 2 to 10 fathoms; from Booby Island, 6 to 8 fathoms, (Station 187); and in anchor-mud brought up from a depth