

to rather more than half the length; anterior extremity obliquely rounded and usually more or less beset with short spines; posterior obliquely truncated, only slightly curved, more or less spinous; dorsal margin gently arcuated and irregularly indented, ventral convex much longer than the dorsal margin owing to the obliquity of the extremities; seen from above the valves are widest behind the middle, thence tapering with a gentle curve toward the front, abruptly backwards, and prominently angular at the widest point. The surface of the shell is sculptured with deep, irregularly-shaped cavities of considerable size. Length, 1-30th of an inch (.8 mm.).

A few detached valves only found in a dredging from lat. 52° 4' S., long. 71° 22' E., 150 fathoms (Station 150), and doubtfully at Station 296. These valves differ from the type specimen in having a much rougher and more irregular style of shell-sculpture, but in general shape and character agree closely with it. The peculiarity of sculpture may very probably depend on the age of the specimens.

[Pl. XVII. fig. 3, *a-d*. *a, b* Right valve seen from side, *c* from above, *d* from front. Magnified 50 diameters. Pl. XXVI. fig. 4, *a, b*. These figures are doubtfully referred to *Cythere normani*.]

70. *Cythere radula*, n. sp. (Pl. XIX. fig. 4, *a, b*).

Valves, seen laterally, oblong, quadrangular, higher in front than behind, the greatest height equal to more than half the length; anterior extremity well rounded, posterior narrowed and obliquely truncated; dorsal margin almost straight, but indented at intervals, ventral convex; the whole circumference, except on the dorsum, is broken with strong, irregularly disposed spines of variable shape, but mostly short, acuminate, and wide at the base; seen from above the lateral margin is curved, widest behind the middle, extremities obtusely rounded. The surface of the shell is very rough, covered with a coarse net-work of ribbed sculpture, enclosing angular areolæ, at the intersections of which are occasional spines or tubercles. Length, 1-30th of an inch (.85 mm.).

A single valve of this species was found in a dredging from off the Ki Islands, 580 fathoms, Station 191*a*. It is not unlike Bosquet's *Cythere arachnoidea*, but wants the regularity of sculpture, and especially the longitudinal rib-work belonging to that species.

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

71. *Cythere dorsoserrata*, n. sp. (Pl. XXIII. fig. 1, *a-d*).

Shell compressed, oblong; seen from the side, subovate, greatest height in front, and equal to half the length; anterior extremity broad, well rounded, posterior narrowed and produced in the middle to a sharp point; dorsal margin gently sloping backwards, and finely serrated or dentated throughout the greater part of its course, ventral gently sinuated