

It is a beautifully decorated form, only found hitherto in coral-sand dredged off Raine Island, 155 fathoms.

*Lagena squamoso-marginata*, Parker and Jones (Pl. LX. fig. 24).

*Lagena squamoso-marginata*, Parker and Jones, 1865, Phil. Trans., vol. clv. p. 356, pl. xviii. fig. 2, a.b.

The test of *Lagena squamoso-marginata* is pyriform in outline, compressed and biconvex, the peripheral edge acute or carinate, and the surface hexagonally areolated

The species occurs at three points in the North Atlantic, the depths varying from 422 fathoms to 816 fathoms; on the Australian coral-reefs; and on the west coast of New Zealand, 1100 fathoms.

In the fossil state it has been found in the Middle Tertiaries of San Domingo (Parker and Jones), and in the Pliocene of Southern Italy (Seguenza).

*Lagena squamoso-alata*, H. B. Brady (Pl. LX. fig. 23).

*Lagena squamoso-alata*, Brady, 1881, Quart. Journ. Micr. Sci., vol. xxi., N. S., p. 61.

The test of this variety resembles that of *Lagena squamoso-marginata*, with the addition of a raised reticulated border, and a broad tapering wing with radiate markings.

*Lagena squamoso-alata* has been met with at three "Porcupine" Stations in the North Atlantic, west of Ireland, at depths of 173 fathoms, 630 fathoms, and 1445 fathoms respectively.

*Lagena radiato-marginata*, Parker and Jones (Pl. LXI. figs. 8, 9).

*Lagena radiato-marginata*, Parker and Jones, 1865, Phil. Trans., vol. clv. p. 355, pl. xviii. fig. 3, a.b.

This elegant species differs from most of its congeners in the nature of the ornamental markings of the test. In the original description (*loc. cit.*) it is stated that "the pseudopodia begin to enter the shell-wall near the centre, and then burrow radially to escape near the margin; the shell-surface being perfectly smooth and as polished as glass." The glassy smoothness of the exterior is generally a conspicuous feature of the shell, but in some instances the striæ have more the appearance of corrugations of the inner surface of the wall than of actual tubulation.

The Challenger collections yield specimens of *Lagena radiato-marginata* from Nares Harbour, Admiralty Islands, 37 fathoms, and from Raine Island, Torres Strait, 155 fathoms; and those described by Parker and Jones were from the Australian coral-reefs.