

*Lagena lagenoides*, Williamson, sp. (Pl. LX. figs. 6, 7, 9, 12-14).

*Entosolenia marginata*, var. *lagenoides*, Williamson, 1858, Rec. For. Gt. Br., p. 11, pl. i. figs. 25, 26.

*Lagena lagenoides*, Reuss, 1862, Sitzungsab. d. k. Ak. Wiss. Wien, vol. xlvi. p. 324, pl. ii. figs. 27, 28.

*Fissurina reussiana*, Seguenza, 1862, Foram. Monotal. Mess., p. 69, pl. ii. fig. 40.

„ *radiata*, Id. Ibid. p. 70, pl. ii. fig. 42.

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

Amended characters:—Test oval or pyriform, biconvex; with long ectosolenian neck, which is sometimes continued into the cavity of the shell as an entosolenian tube; periphery furnished with a laminar wing of variable width, traversed by conspicuous, parallel or radiating tubuli. Length of large specimens nearly  $\frac{1}{50}$ th inch (0.5 mm.).

At first sight it is difficult to identify the deep-sea examples of this form, which for the most part are characterised by a broad and conspicuously tubulated wing, by reference to Williamson's modest drawings; neither does his accompanying description, which misses the salient features of the fully developed shell, afford much assistance. The variability of the wing both in width and thickness, as well as in the character of the tubulation, is illustrated to some extent by the figures in Pl. LX.

Minute specimens of *Lagena lagenoides* are not unfrequent on the shores of the British Islands, but it is most familiar as a mid-Atlantic species. Notes have been kept of its occurrence at five Stations in the North Atlantic, the depths ranging from 767 fathoms to 2740 fathoms, and at five Stations in the South Atlantic, 675 to 1990 fathoms. It has also been found in comparatively shallow water at three Stations in the South Pacific, 38 to 410 fathoms.

It is figured by Seguenza from specimens obtained in the Miocene deposits of Sicily, and has been found by Mr. Wright in the Post-tertiary deposits of the north-east of Ireland, but is not otherwise known as a fossil species.

*Lagena lagenoides*, var. *tenuistriata*, H. B. Brady (Pl. LX. figs. 11, 15, 16).

*Lagena tubulifera*, var. *tenuistriata*, Brady, 1881, Quart. Journ. Micr. Sci., vol. xxi., N. S., p. 61.

Morphological characters similar to those of *Lagena lagenoides*; the body of the shell ornamented with delicate longitudinal striæ.

The striate variety of the last-described species occurs in the North Atlantic, south of the Rockall Bank, 630 fathoms; at one Station in the South Atlantic, mid-ocean, 1990 fathoms; and elsewhere, in company with the typical form.