

the body of the test having an additional surface-ornament of longitudinal striæ or costæ. Length, $\frac{1}{10}$ th inch (0.36 mm.).

This form is allied to the *Lagena alifera* of Reuss, but the wings are only four in number and conspicuously tubulated, and the intermediate portions of the test are striate or costate.

Lagena quadralata is a rare deep-water variety, only found hitherto at two localities, namely:—Station 160, south of Australia, 2600 fathoms; and Station 332, South Atlantic, mid-ocean, 2200 fathoms.

Lagena plumigera, H. B. Brady (Pl. LVIII. figs. 25, 27).

Lagena plumigera, Brady, 1881, Quart. Journ. Micr. Sci., vol. xxi., N. S., p. 62.

Test flask-shaped, with long, slender, ectosolenian neck; surface-ornament consisting of ten or twelve longitudinal costæ, the inferior portions of which are developed into wide, feather-like, tubulated wings. Length, $\frac{1}{40}$ th inch (0.63 mm.).

An exuberant deep-water modification of *Lagena sulcata*, the best specimens of which have been obtained from the tropical regions of the South Pacific, at depths of 2425 fathoms and 2350 fathoms, and less characteristic examples from near the Cape de Verde Islands, 1070 fathoms.

Lagena semistriata, Williamson (Pl. LVII. figs. 14, 16, 17 [18, 20 ?]).

Lagena striata, var. *semistriata*, Williamson, 1848, Ann. and Mag. Nat. Hist., ser. 2, vol. i. p. 14, pl. i. figs. 9, 10.

Oculina lachryma, Bornemann, 1855, Zeitschr. d. deutsch. geol. Gesellsch., vol. vii. p. 307, pl. xii. fig. 2.

„ *tenuis*, Id. Ibid., pl. xii. figs. 3, 3*.

Oolina punctata, Egger, 1857, Neues Jahrb. für Min. &c., p. 268, pl. v. figs. 1, 2.

„ *striatula*, Id. Ibid. p. 269, pl. v. figs. 3–8.

Lagena vulgaris, var. *semistriata*, Williamson, 1858, Rec. For. Gt. Br., p. 6, pl. i. fig. 9.

Phialina longissima, Seguenza, 1862, Foram. Monot. Mess., p. 45, pl. i. fig. 18.

„ *semicostata*, Id. Ibid. p. 45, pl. i. fig. 19.

Lagena sulcata, var. *semistriata*, Parker and Jones, 1865, Phil. Trans., vol. clv. p. 350, pl. xiii. fig. 23.

„ *semistriata*, Jones, Parker, and Brady, 1866, Monogr. Foram. Crag, p. 34, pl. iv. fig. 6.

Lagena semistriata is the name applied to a group of intermediate forms presenting considerable diversity of contour, but characterised by the partial nature of the surface-ornament, which consists of costæ, springing from the base of the shell but terminating, often abruptly, before reaching the middle.