

*Bolivina textularioides*, Reuss (Pl. LII. figs. 23–25).

*Bolivina textularioides*, Reuss, 1862, Sitzungsab. d. k. Ak. Wiss. Wien, vol. xlvi. p. 81, pl. x. fig. 1.

Professor Reuss's specific name *Bolivina textularioides*, may be conveniently accepted for those definitely Textulariform varieties, the segments of which are few in number as compared with *Bolivina punctata*, deep, and slightly inflated; the exterior smooth, the general contour relatively stout, and the margins rounded and more or less lobulated. Such forms are not uncommon in the recent condition, and have frequently been confounded with true *Textulariæ*.

The following list includes all the localities at which the occurrence of the species has been noted, but it is probably far from complete:—North Atlantic, west of Ireland, 183 fathoms, and south of Ireland, 96 fathoms; South Pacific, off Kandavu, Fiji Islands, three soundings, depths 218 fathoms, 253 fathoms, and 610 fathoms respectively; and Station 283, depth 2075 fathoms; and North Pacific, Honolulu Reefs, 40 fathoms.

It is occasionally met with both as a Cretaceous and Tertiary fossil.

*Bolivina limbata*, H. B. Brady (Pl. LII. figs. 26–28).

*Bolivina limbata*, Brady, 1881, Quart. Journ. Micr. Sci., vol. xxi., N. S., p. 57.

Test elongate, tapering, compressed, more or less twisted; margin angular or only slightly rounded; segments large, distinct, sometimes gibbous. Sutures oblique, irregularly curved or sinuate; limbate externally, especially near the points of contact between the two series of segments on both faces of the test. Length,  $\frac{1}{35}$ th inch (0.75 mm.).

The twisted varieties of *Bolivina* with nearly even margins and limbate sutures, on which this species has been founded, affect the comparatively shallow water of tropical seas. They are abundant around the Island of Papua, occurring at almost every Station in its immediate vicinity at which the depth does not exceed 200 fathoms. The same forms occur off the Sandwich Islands, 40 fathoms; in Hong Kong harbour, 7 fathoms; on the south shores of Japan, 15 fathoms; off the Fiji Islands, 12 fathoms; on the Australian coral-reefs, 14 to 17 fathoms; in shore-sands from Madagascar; off Ascension Island, 7 fathoms; and off the Cape de Verde Islands, 11 fathoms.

*Bolivina tenuis*, H. B. Brady (Pl. LII. fig. 29).

*Bolivina tenuis*, Brady, 1881, Quart. Journ. Micr. Sci., vol. xxi., N. S., p. 57.

Test thin, outspread, broadly elliptical, slightly convex on both sides; margin acute. Segments few in number, long, curved, obliquely set; each with a sort of supplementary lobe, the lobes collectively presenting the appearance of a series of chamberlets down the