

*Bolivina nobilis*, Hantken (Pl. LIII. figs. 14, 15).

*Bolivina nobilis*, Hantken, 1875, Mittheil. Jahrb. d. k. ung. geol. Anstalt, vol. iv. p. 65, pl. xv. fig. 4, a. b.

In general contour, in the form and arrangement of the segments, and in the surface-ornament of delicate, parallel, longitudinal striæ, the recent examples of this species agree accurately with von Hantken's description and figure; but such as have been hitherto obtained are not as a rule so large as the fossil specimens.

So far as can be learnt from the Challenger dredgings, the occurrence of *Bolivina nobilis* is confined to the South Pacific. The following are the localities at which it has been collected:—Humboldt Bay, Papua, 37 fathoms; Nares Harbour, Admiralty Islands, 17 fathoms; off Tahiti, 420 fathoms; off Levuka, Fiji, 12 fathoms; and Port Jackson, 6 fathoms.

Von Hantken's specimens were from the later *Clavulina-szabóii* formation of Ofen (Buda), Hungary.

*Bolivina hantkeniana*, H. B. Brady (Pl. LIII. figs. 16–18).

*Bolivina hantkeniana*, Brady, 1881, Quart. Journ. Micr. Sci., vol. xxi. N. S., p. 58.

Test depressed, nearly equally convex on the two faces; varying in contour, from a relatively long form tapering to a point at the aboral extremity, to a broadly oval modification with rounded ends. Composed of numerous, rounded, inflated segments, in two more or less regular alternating series, surrounded by a delicate keel of varying width and completeness. Aperture oval; with a thickened lip or border, and often furnished with a projecting tongue. Surface generally traversed by short, delicate, longitudinal costæ. The long narrow specimens which seldom have a continuous wing attain a length of  $\frac{1}{30}$ th inch (0·84 mm.) or more; whilst those of wider proportions with the broader more regular wing are less than  $\frac{1}{40}$ th inch long (0·6 mm.) and about  $\frac{1}{50}$ th inch (0·5 mm.) broad.

*Bolivina hantkeniana* is a polymorphic species, and its range of variation is suggested rather than fully represented by the drawings.

Its area of distribution appears to be limited to the islands of the Pacific, the following being the only localities at which it has been observed:—off Tahiti, 420 fathoms and 620 fathoms; off Kandavu, 210 fathoms and 255 fathoms; off New Hebrides, 130 fathoms; and off Aru Island, 800 fathoms.

*Bolivina karreriana*, H. B. Brady (Pl. LIII. figs. 19–21).

*Bolivina karreriana*, Brady, 1881, Quart. Journ. Micr. Sci., vol. xxi., N. S., p. 58.

Test elongate, tapering, broadest near the oral end, somewhat depressed; aboral extremity pointed, often mucronate; peripheral edge thick and rounded, more or less