

pillar is thicker and more defined. H. 0·31 in. B. 0·09. Penultimate whorl, height 0·04. Mouth, height 0·066, breadth 0·05.

The sculpture of this species always tends to become obsolete on the last whorl, but in some specimens the whole sculpture on all the whorls is so feeble as greatly to alter the whole appearance of the shell.

12. *Bittium pupiforme*, Watson (Pl. XLI. fig. 3).

*Cerithium (Bittium) pupiforme*, Watson, Prelim. Report, pt. 5, Journ. Linn. Soc. Lond., vol. xv. p. 114, sp. 15.

Station 186. September 8, 1874. Lat. 10° 30' S., long. 142° 18' E. Wednesday Island, Cape York. 8 fathoms. Coral mud.

*Shell*.—Small, narrow, conical, blunt, with convex outlines, contracted both toward the apex and the point of the base, reticulated, tubercled, solid, translucent, glossy, white. *Sculpture*: Longitudinals—there are on the last whorl about 25 rows of small, rounded, adjacent tubercles; they are parted by mere lines, and run pretty straight, but with a slight sinistral turn down the spire. On the upper part of the spire the rows are straight, but in the penultimate whorl, where the shell begins to contract toward the base, the rows have a slight concave and dextral curve. Spirals—on each whorl there are three equal spiral threads, which form the tubercles as they cross the longitudinal rows; they are parted by two narrow and shallow furrows; there is a strong deep sutural furrow. Besides these there are quite inconspicuous microscopic longitudinal and spiral lines on the surface. The very narrow base is encircled by a strong rounded prominent thread, within which a deep furrow surrounds the pillar. *Colour* translucent white. *Spire* high and narrow, with convex outlines. *Apex* extremely abruptly truncate, rounded. The smooth embryonic shell consists of 1½ whorls, and the tip of it scarcely rises into sight. *Whorls* 9, contracted upwards, flat on the sides. The base is extremely contracted; and as the contraction begins in the penultimate whorl, the form of the shell resembles the pupa of an insect. *Suture* only defined by the deep furrow in which it lies. *Mouth* oval, with a very small channel in front. *Outer lip* broken. *Pillar* very short, strong, but not broad; the point is in the only specimen slightly broken. H. 0·1 in. B. 0·037. Penultimate whorl, height 0·02.

In general form, but in that alone, this is very like some of the ill-thriven-looking forms of *Cerithiopsis minima* (Brusina), but is obviously very different.

13. *Bittium oosimense*, Watson (Pl. XXXIX. fig. 1).

*Cerithium (Bittium) oosimense*, Watson, Prelim. Report, pt. 5, Journ. Linn. Soc. Lond., vol. xv. p. 117, sp. 17.

May 14, 1875. Oosima, Japan.