

Shell.—Narrowly cylindrical, truncated in front like *Cylichna alba* (Brown), smooth, thin, polished, with a small disk-like minutely perforated top. *Sculpture*: Longitudinals—there are very faint and slight lines of growth. Spirals—there are some very doubtful indications of a coarse spiral structure in the texture of the shell. *Colour* milky white and glossy. *Mouth* the full length of the shell but not more, extremely narrow with lips nearly parallel till they diverge in front, the inner lip following the slow basal contraction, while the outer expands a very little, as is the case in *Cylichna umbilicata* (Mont.); at the upper end is a small, narrow, but deepish rounded sinus. *Outer lip*: its edge is very straight, retreating a little quickly above and slightly in front; its direction is straight, with the very slight bend to the right spoken of above. *Top* a little contracted, rounded, with a sort of thickened pellucid disk¹ which is almost perfectly horizontal, so that the whole top of the body-whorl and the upper corner of the mouth are on the same level: in the centre is a minute closed pore. *Inner lip*: there is a thin narrow glaze which thickens and expands in front: it is not expanded on the top. *Pillar* is short, slightly oblique and twisted, with a strongish defined tooth, in front of which it is rather abruptly truncate. H. 0.156 in. B. 0.066. Mouth, breadth at same place, 0.014.

Cylichna protracta (Gould), is very like this in front, but rises much higher above. *Cylichna cylindracea* (Pennant), is slightly slimmer or narrower in proportion to length, has the body-whorl a little smaller, and the mouth slightly broader, lacks the slight posterior narrowing, and is squarely truncate behind, while here the shell is rounded. The Challenger species, too, quite wants the very peculiar form of the upper corner of the mouth which is characteristic of *Cylichna cylindracea*. *Cylichna alba* (Brown), of the same size, is rounder and less cylindrical, being more attenuated above especially; the mouth is extended above the top of the shell; the top of the body-whorl is more oblique and less truncated.

7. *Cylichna tahitiensis*, Watson (Pl. XLIX. fig. 11).

Cylichna tahitensis, Watson, Prelim. Report, pt. 19, Journ. Linn. Soc. Lond., vol. xvii. p. 320.

September 28, 1875. Tahiti Harbour, near the reefs. 20 fathoms.

Shell.—Cylindrical, thin, glassy, spirally striate from end to end, with a small body, rounded outlines, no depression nor central point at the apex, and a toothless but abruptly truncated and prominent pointed pillar. *Sculpture*: Longitudinals—there are scarcely perceptible lines of growth. Spirals—the whole surface is covered with fine grooves not quite regular, about $\frac{1}{10}$ inch apart, but weaker and more crowded in the middle than at either extremity. *Colour* bluish transparent glossy white. *Mouth* rather large and long. *Outer lip* has a sinus just above the body, rises and is angulated at the outer upper corner of the shell: from this point its edge advances and its line is slightly convex, tending in

¹ Hence its name.