

there are fine close-set lines of growth. Spirals—on the last whorl a little below the suture there is a bluntly angulated keel, on the top of which there is a slight rounded thread; between this keel and the suture the whorls are slightly excavated; the upper whorls are bisected by the keel; on the base, rather within the middle of it and bordering the umbilicus, is another slightly sharper keel, inside which is a broad shallow furrow with one or two faint spiral threads in the bottom of it; within this is a strong thread, followed still farther within by another furrow like the first, which is again bordered by a thread, and within this the umbilicus becomes poriform. *Colour* dead white under a slightly mottled or longitudinally banded smoky-brown membranaceous epidermis. *Spire* slightly raised and scalar. *Apex* not very small, smooth, consisting of one whorl and a half; the extreme tip is not prominent. *Suture* broadly and angularly impressed. *Whorls* 4 in all; the last is large. *Mouth* largish, a little oblique, suboval, slightly pointed above at the insertion of the outer lip. *Outer lip* slightly patulous, thin, with a very slight thickening within the mouth. *Inner lip* thickened at the upper corner, thin but not very short across the body. *Umbilicus* strongly defined and marginated, with a broad open mouth rapidly contracting to a pervious pore. H. 0.058 in. B. 0.078. Mouth, height 0.042, breadth 0.037.

This species differs from *Cyclostrema excavatum*, Wats. (which it much resembles), in the form of the shell and of the mouth, as also, and specially, in the form and sculpture of the umbilicus.

3. *Cyclostrema conicum*, n. sp. (Pl. VIII. fig. 9).

Station 120. September 9, 1873. Lat. 8° 37' S., long. 34° 28' W. Off Pernambuco. 675 fathoms. Red mud.

Station 122. September 10, 1873. Lat. 9° 5' S., long. 34° 50' W. Off Pernambuco. 350 fathoms. Red mud.

*Shell*.—Small, conical, subscalar, white, ribbed, and spiralled, with a raised spire, a small, slightly raised, rounded apex, an impressed suture, a small round mouth and a poriform umbilicus. *Sculpture*: Longitudinals—the last whorl is girt round with about 15 to 25 small, sharp, regular, equal, distant, lamelliform riblets, which run continuously from whorl to whorl. Spirals—the whorls are faintly scored with very feeble threadlets and furrows; these vary considerably in sharpness and closeness. *Colour* white, not glossy. *Spire* broadly conical, subscalar. *Apex* small, consisting of 1½ smooth, turbinated whorls, with the tip slightly raised. *Whorls* 4½, well rounded, short, small, all except the last, which is tumid, with a short rounded base. *Suture* deeply impressed. *Mouth* small, round. *Outer lip* thin, not expanded. *Inner lip* continuous, but very short and not disjointed on the body, and having behind it a small funnel-shaped poriform umbilicus. H. 0.06 in. B. 0.055. Mouth, height 0.03, breadth 0.028.