

length. Pores subregular, circular, twice as broad in the inflated abdomen as in the campanulate thorax, and four times as broad as in the cephalis. Outer coronal of the wide peristome with fifteen to twenty conical, divergent feet, inner coronal with a smaller number of vertical, parallel, divergent feet.

Dimensions.—Length of the three joints, a 0.03, b 0.05, c 0.05; breadth, a 0.03, b 0.08, c 0.11.

Habitat.—North Atlantic, depth 1400 fathoms (Berrymann).

Subgenus 2. *Lamprocycloma*, Haeckel.

Definition.—Feet of the peristome forked or branched.

7. *Lamprocyclas bajaderæ*, n. sp.

Shell campanulate, very similar to the preceding species, but with stronger spines on the abdomen and with different peristome. Length of the three joints = 2 : 2 : 3, breadth = 2 : 6 : 8. Cephalis equal to that of *Lamprocyclas maritalis* (Pl. 74, figs. 13, 14). Outer coronal of the peristome with fifteen to twenty divergent, pyramidal feet, half as long as the horn; inner coronal with as many longer, vertical feet, which are irregularly forked or branched.

Dimensions.—Length of the three joints, a 0.04, b 0.04, c 0.06; breadth, a 0.04, b 0.12, c 0.16.

Habitat.—South Pacific, Station 298, depth 2225 fathoms.

Genus 608. *Diplocyclas*,¹ Haeckel, 1881, Prodrömus, p. 434.

Definition.—Theophormida (vel Tricyrtida multiradiata aperta) with a double corona of radial solid feet, an upper around the lumbar stricture, a lower around the mouth. No ribs in the shell-wall.

The genus *Diplocyclas* differs from all the other Theophormida in the possession of a double coronal of radial teeth, an upper between thorax and abdomen, and a lower around the terminal mouth of the latter; it may be regarded as an *Anthocyrtis*, which has formed an abdomen, and repeated the terminal armature. The cephalis bears a single or double apical horn.

1. *Diplocyclas bicorona*, n. sp. (Pl. 59, fig. 8).

Shell slender, campanulate. Length of the three joints = 1 : 3 : 2, breadth = 1 : 4 : 4. Cephalis subspherical, with two divergent horns; the occipital of the same length and forked, the frontal shorter and simple. Thorax campanulate, with six to eight transverse rows of double-edged roundish pores of increasing size. Abdomen cylindrical, with three transverse rows of large poly-

¹ *Diplocyclas* = Female robe with a double girdle; δίπλoς, κυκλάς.