

the others, twice as long as the eleventh, and twice as broad as the ninth joint. The constricted mouth on its lower surface is only one-third as broad. Cephalis small, hemispherical, with a short, conical horn. Peristome with a coronal of twenty to thirty delicate, partly confluent, vertical teeth.

Dimensions.—Length of the shell (with thirteen joints) 0.26, breadth 0.12.

Habitat.—South-Eastern Pacific, Station 299 (off Valparaiso), depth 2160 fathoms.

11. *Cyrtophormis turricula*, n. sp. (Pl. 75, fig. 5).

Shell smooth, slender, tower-shaped, with fourteen distinct strictures. The ten first joints are nearly equal in length. The twelfth joint is the largest, three to four times as long as each of the preceding, and broader than all the others, twice as broad as the suddenly constricted mouth. Pores small and numerous, regular, circular, quincuncial. Cephalis small, subspherical, with a pyramidal horn of three times the length. Peristome with a coronal of twenty to thirty very delicate, partly confluent, short, vertical teeth.

Dimensions.—Length of the shell (with fifteen joints) 0.3, breadth 0.1. Length of the twelfth joint 0.05.

Habitat.—South-Eastern Pacific, Station 298 (off Valparaiso), depth 2225 fathoms.

Subfamily 2. STICHOPHÆNIDA, Haeckel, 1881, Prodrömus, p. 439.

Definition.—Phormocampida with the terminal mouth of the shell fenestrated (vel Stichocyrtida multiradiata clausa).

Genus 640. *Artophæna*,¹ Haeckel, 1881, Prodrömus, p. 438.

Definition.—Stichophænida (vel Stichocyrtida multiradiata clausa) with six radial ribs or wings.

The genus *Artophæna* and the following genus *Stichophæna* represent together the small subfamily of Stichophænida, or of those Cyrtoidæ in which the multiradiate shell is composed of numerous (four or more) joints, and closed at the end by a lattice-plate. The number of the lateral, solid, or latticed appendages is six in *Artophæna*, nine in *Stichophæna*. They may have been derived either from the *Stichophormida* by closure of the terminal mouth, or from the *Stichoperida* by intercalation of three or six interradiial appendages.

1. *Artophæna ærostatica*, n. sp. (Pl. 75, fig. 4).

Shell four-jointed, with three sharp strictures and internal septa. The fourth joint is subspherical, longer than the three first joints together, and twice as broad as these. The second joint is

¹ *Artophæna* = Bread-shell; ἀερος, φαίνα.