

10. *Pterocorys melitta*, Haeckel.

*Rhopalocanium ornatum*, Bury, 1862, Polycystins of Barbados, Taf. vi fig. 4.

Shell slender, smooth, with two deep strictures. Length of the three joints = 1 : 1 : 3, breadth = 1 : 2 : 2. Cephalis subspherical, with a pyramidal horn of twice the length. Thorax broad and short, loaf-shaped, with three conical wings, which are horizontally expanded, and half as long as the shell. Abdomen cylindrical, with wide, truncate mouth. Pores small, subregular, circular.

*Dimensions*.—Length of the three joints, *a* 0.025, *b* 0.03, *c* 0.09; breadth, *a* 0.03, *b* 0.06, *c* 0.06.

*Habitat*.—Fossil in Barbados.

11. *Pterocorys turgida*, Haeckel.

*Lychnocanium turgidum*, Ehrenberg, 1885, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 80, Taf. vii. fig. 6.

Shell thick-walled, pear-shaped, smooth, with sharp collar stricture. The lumbar stricture is not distinct externally, but is represented by a broad, internal, annular septum. Length of the three joints = 1 : 6 : 3, breadth = 2 : 7 : 6. Cephalis hemispherical, with a stout pyramidal horn of the same length. Thorax and abdomen together pear-shaped, inflated. Immediately above the lumbar stricture three stout, conical, lateral wings, as long as the cephalis, arise. Mouth very small, about as broad as the cephalis.

*Dimensions*.—Length of the three joints, *a* 0.02, *b* 0.12, *c* 0.06; breadth, *a* 0.03, *b* 0.13, *c* 0.12.

*Habitat*.—Fossil in Barbados.

Subgenus 2. *Pterosyringium*, Haeckel.

*Definition*.—Horn of the cephalis simple. Abdomen prolonged into a narrow cylindrical tube.

12. *Pterocorys tubulosa*, n. sp. (Pl. 68, fig. 6).

*Pterosyringium tubulosum*, Haeckel, 1879, Atlas, loc. cit.

Shell thick-walled, rough, with two slight strictures. Length of the three joints = 1 : 4 : 4, breadth = 1 : 3 : 1. Cephalis hemispherical, with a conical horn of the same length. Thorax ovate, in the upper half with three ribs, arising into short, triangular, slightly prominent wings. Abdomen prolonged into a cylindrical, narrow tube of the same length as the thorax. Terminal mouth very narrow. Pores subregular, circular.

*Dimensions*.—Length of the three joints, *a* 0.03, *b* 0.12, *c* 0.12; breadth, *a* 0.03, *b* 0.09, *c* 0.03.

*Habitat*.—Central Pacific, Station 265, depth 2900 fathoms.