

3. *Pterocorys sabæ*, Haeckel.

*Pterocanium sabæ*, Ehrenberg, 1872, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 299, Taf. x. fig. 17.

Shell campanulate or subconical, with two sharp strictures. Length of the three joints = 1 : 3 : 4, breadth = 1 : 4 : 5. Cephalis subspherical, with a conical horn of the same length. Thorax subconical, in the lower third with three small, conical, little curved wings, shorter than the cephalis. Abdomen dilated towards the wide, truncate mouth. Pores subregular, circular, gradually increasing in size from the collar towards the mouth.

*Dimensions*.—Length of the three joints, *a* 0.025, *b* 0.06, *c* 0.08; breadth, *a* 0.02, *b* 0.08, *c* 0.09.

*Habitat*.—Indian Ocean, Zanzibar, 2200 fathoms (Pullen).

4. *Pterocorys columba*, n. sp. (Pl. 71, fig. 2).

Shell subovate, with two deep strictures. Length of the three joints = 2 : 5 : 4, breadth = 3 : 7 : 7. Cephalis hemispherical, with a curved conical horn of the same length. Thorax inflate, in the middle zone with three pyramidal downwardly divergent wings of nearly the same length. Abdomen short, inflate, little constricted towards the wide, truncate mouth. Pores all nearly equal, subregular, circular.

*Dimensions*.—Length of the three joints, *a* 0.02, *b* 0.05, *c* 0.04; breadth, *a* 0.03, *b* 0.07, *c* 0.07.

*Habitat*.—North Pacific, Station 237, surface.

5. *Pterocorys falcifera*, Haeckel.

*Pterocanium falciferum*, Stöhr, 1880, Palæontogr., vol. xxvi. p. 107, Taf. iv. fig. 15.

† *Pterocanium bibrachiatum*, Stöhr, 1880, Palæontogr., vol. xxvi. p. 106, Taf. iv. fig. 14.

Shell subovate, with two distinct strictures. Length of the three joints = 2 : 6 : 5, breadth = 3 : 9 : 10. Cephalis subspherical, with a conical horn of the same length. Thorax hemispherical, thick-walled, rough, with three stout triangular wings, which are about as long as the shell, and curved downwards, with upper convexity. Abdomen ovate, cylindrical, with wide, truncate mouth. Pores irregular, roundish, large and small intermingled; at the base of the abdomen (below the lumbar girdle) a circle of somewhat oblong, quadrangular pores.

*Dimensions*.—Length of the three joints, *a* 0.02, *b* 0.06, *c* 0.05; breadth, *a* 0.03, *b* 0.09, *c* 0.1.

*Habitat*.—Fossil in Tertiary rocks of Sicily, Grotte (Stöhr); Caltanissetta (Haeckel).

6. *Pterocorys aquila*, n. sp. (Pl. 71, fig. 5).

Shell ovate, with two deep strictures. Length of the three joints = 1 : 4 : 4, breadth = 1 : 8 : 6. Cephalis hemispherical, with a slender curved horn of three times the length. Thorax hemispherical, campanulate, spiny, prolonged above the lumbar girdle into three stout, three-sided prismatic