

20. *Podocyrtis schomburgkii*, Ehrenberg.

*Podocyrtis schomburgkii*, Ehrenberg, 1854, Mikrogeol., Taf. xxxvi. fig. 22; Abhandl. d. k. Akad. d. Wiss. Berlin, 1875, p. 82, Taf. xiv. fig. 7.

Shell ovate-conical, with two distinct strictures. Length of the three joints = 2 : 5 : 10, breadth = 3 : 8 : 12. Cephalis hemispherical, with a large, straight, conical horn as long as the abdomen. Thorax campanulate, smooth, with small, regular, circular pores. Abdomen inflated, papillate, with very large, regular, hexagonal pores (three to four in the course of its length), five times as broad as their bars and as the pores of the thorax. Feet as long as the abdomen, nearly parallel, slightly bent outwards at the conical distal end.

*Dimensions*.—Length of the three joints, *a* 0.02, *b* 0.05, *c* 0.1; breadth, *a* 0.03, *b* 0.08, *c* 0.12.

*Habitat*.—Fossil in Barbados.

21. *Podocyrtis hexagonalis*, n. sp.

Shell nearly ovate, slender, everywhere covered with a regular network of high, hexagonal, denticulated crests, separating the circular, funnel-shaped pores, which are twice as large in the subspherical abdomen as in the hemispherical thorax, between both of which are two deep strictures. Length of the three joints = 1 : 3 : 6, breadth = 2 : 5 : 6. Cephalis hemispherical, with a long and thin cylindrical, vertical horn, as long as the abdomen. Feet of the same length and form, nearly straight, slightly divergent.

*Dimensions*.—Length of the three joints, *a* 0.02, *b* 0.06, *c* 0.12; breadth, *a* 0.04, *b* 0.011, *c* 0.13.

*Habitat*.—North Pacific, Station 244, depth 2900 fathoms.

22. *Podocyrtis ovata*, n. sp.

Shell nearly ovate, papillate, without external strictures. Length of the three joints = 1 : 2 : 3, breadth = 2 : 4 : 5. Cephalis hemispherical, with a pyramidal horn half as long as the shell. Pores regular, circular, hexagonally framed, three times as broad in the inflated abdomen as in the conical thorax. Feet pyramidal, little bent, divergent, about as long as the thorax.

*Dimensions*.—Length of the three joints, *a* 0.025, *b* 0.05, *c* 0.08; breadth, *a* 0.05, *b* 0.095, *c* 0.12.

*Habitat*.—Mediterranean, Corfu, Haeckel, surface.

23. *Podocyrtis urceolata*, n. sp.

? *Podocyrtis mitra*, Bury, 1862, Polycystins of Barbados, pl. v. fig. 3.

Shell nearly ovate, smooth, with two deep strictures. Length of the three joints = 1 : 2 : 6, breadth = 2 : 4 : 5. Cephalis subspherical, with a stout, conical horn of the same length. Thorax flat, hemispherical, with four to six transverse rows of small circular pores. Abdomen urceolate,