

5. *Podocyrtis corythæola*, n. sp. (Pl. 72, fig. 2).

Shell ovate conical, with two deep strictures, and with rough surface. Length of the three joints = 2 : 5 : 8, breadth = 3 : 8 : 10. Cephalis hemispherical, thorny, with a strong oblique horn three times the length, which is armed with nine to twelve conical spines. Pores small, circular, of irregular size and distribution. Feet spindle-shaped, divergent, as long as the inflated abdomen.

*Dimensions*.—Length of the three feet, *a* 0·02, *b* 0·05, *c* 0·08; breadth, *a* 0·03, *b* 0·08, *c* 0·1.

*Habitat*.—Indian Ocean, Maldivé Islands (Haeckel), surface.

6. *Podocyrtis surena*, n. sp. (Pl. 72, fig. 10).

Shell thin-walled, tower-shaped, smooth, with two deep strictures. Length of the three joints = 2 : 5 : 10, breadth = 3 : 10 : 11. Cephalis subspherical, with a bent conical horn, as long as the hemispherical thorax. Abdomen cylindrical. Pores subregular, circular, quincuncially disposed, and slightly larger in the abdomen. Feet with a thickened calf, nearly perpendicular, as long as the thorax; their distal ends little divergent, and forming a knob beset with small roundish tubercles.

*Dimensions*.—Length of the three joints, *a* 0·02, *b* 0·05, *c* 0·1; breadth, *a* 0·035, *b* 0·1, *c* 0·11.

*Habitat*.—North Pacific, Station 241, depth 2300 fathoms.

7. *Podocyrtis conulus*, n. sp.

Shell elongate, conical, rough, without external strictures, but with two internal septal rings. Length of the three joints = 3 : 4 : 15, breadth = 5 : 7 : 12. Cephalis hemispherical, with a thick pyramidal horn of the same length. Feet also pyramidal, divergent, of the same size as the horn. Pores irregular, roundish, of variable size. Abdomen very long.

*Dimensions*.—Length of the three joints, *a* 0·03, *b* 0·04, *c* 0·15; breadth, *a* 0·05, *b* 0·07, *c* 0·12.

*Habitat*.—Tropical Atlantic, Station 342, depth 1445 fathoms; also fossil in Barbados.

8. *Podocyrtis tridactyla*, n. sp.

Shell conical, with two slight strictures, smooth. Length of the three joints = 2 : 6 : 5, breadth = 4 : 5 : 6. Cephalis hemispherical, with a pyramidal horn of twice the length. Pores irregular, polygonal, of variable size. Feet as long as the abdomen, constricted in the middle, trilobed at the distal end; the middle lobe twice as large as the lateral lobes.

*Dimensions*.—Length of the three joints, *a* 0·02, *b* 0·06, *c* 0·05; breadth, *a* 0·04, *b* 0·05, *c* 0·06.

*Habitat*.—Indian Ocean, Madagascar, Rabbe.

Subgenus 2. *Podocyrtecium*, Haeckel.

*Definition*.—Feet divergent (the distance between their ends being greater than that between their bases). Pores of the thorax and abdomen of different form or size.