

9. *Podocyrtis prismatica*, n. sp. (Pl. 72, fig. 1).

Shell conical, rough, with two distinct strictures. Length of the three joints = 1 : 1 : 3, breadth = 1 : 2 : 5. Cephalis subspherical, with a curved conical horn of twice the length. Thorax and abdomen together nearly hemispherical. Pores small, regular, circular, quincuncial, twice as large in the abdomen as in the thorax. Feet very large, twice as long as the whole shell, divergent, bent outwards, prismatic, with strong prominent edges.

*Dimensions*.—Length of the three joints, *a* 0.02, *b* 0.02, *c* 0.06; breadth, *a* 0.02, *b* 0.04, *c* 0.1.

*Habitat*.—Western Tropical Pacific, Station 225, depth 4475 fathoms.

10. *Podocyrtis brevipes*, Ehrenberg.

*Podocyrtis brevipes*, Ehrenberg, 1875, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 80, Taf. xvi. fig. 6.

Shell conical, smooth, with two slight strictures. Length of the three joints = 2 : 3 : 6, breadth = 2 : 5 : 9. Cephalis subspherical, with a conical horn of the same length. Pores regular, circular, quincuncial, three times as broad in the abdomen as in the thorax. Feet short, triangular, divergent, as long as the horn. (The specimen figured by Ehrenberg was incomplete, one foot and the horn being broken off.)

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

*Habitat*.—Fossil in Barbados.

11. *Podocyrtis divergens*, n. sp. (Pl. 72, fig. 6).

Shell slender, subconical, thick-walled, with two distinct strictures. Length of the three joints = 2 : 5 : 7, breadth = 4 : 8 : 10. Cephalis hemispherical, with a large, oblique, prismatic horn three times the length, and a small divergent by-horn at its base. Thorax hemispherical, rough, with regular, circular, quincuncial pores. Abdomen cylindrical, thorny, with larger circular pores of subregular disposition, two to three times as broad as those of the thorax. Feet conical, horn-like, bent, as long as the abdomen; strongly divergent in the distal half.

*Dimensions*.—Length of the three joints, *a* 0.02, *b* 0.05, *c* 0.07; breadth, *a* 0.04, *b* 0.08, *c* 0.1.

*Habitat*.—Western Tropical Pacific, Station 220, depth 1100 fathoms.

12. *Podocyrtis collaris*, Ehrenberg.

*Podocyrtis collaris*, Ehrenberg, 1875, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 82, Taf. xvi. fig. 1.

Shell conical, with slight collar and deeper lumbar stricture. Length of the three joints = 1 : 4 : 4, breadth = 1 : 4 : 8. Cephalis hemispherical, with a small oblique horn of the same length. Pores regular, circular, quincuncial, four to six times as broad in the inflated abdomen as in the conical thorax. Feet short and slightly divergent, little longer than the cephalis.

*Dimensions*.—Length of the three joints, *a* 0.02, *b* 0.07, *c* 0.08; breadth, *a* 0.03, *b* 0.08, *c* 0.16.

*Habitat*.—Fossil in Barbados.