

13. *Podocyrtis ventricosa*, Ehrenberg.

*Podocyrtis ventricosa*, Ehrenberg, 1875, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 82, Taf. xvi. fig. 3.

Shell conical, with two deep strictures, thorny. Length of the three joints = 1 : 2 : 5, breadth = 1 : 4 : 8. Cephalis subspherical, with a small conical horn of the same length. Pores regular circular, quincuncial, four to six times as broad in the inflated abdomen as in the hemispherical thorax. (Pores much larger and less numerous than in the similar preceding species.) Feet broad and stout, triangular, divergent, as long as the thorax.

*Dimensions*.—Length of the three joints, *a* 0·02, *b* 0·04, *c* 0·1; breadth, *a* 0·025, *b* 0·07, *c* 0·16.

*Habitat*.—Fossil in Barbados.

14. *Podocyrtis flosculata*, n. sp. (Pl. 72, fig. 9).

Shell conical, rough, as broad as long, with distinct collar, but obliterated lumbar stricture. Length of the three joints = 1 : 2 : 4, breadth = 2 : 4 : 7. Cephalis hemispherical, with a thick conical horn of the same length. Thorax truncate, conical, with small, circular, quincuncial pores. Abdomen inflated, with very large and remarkable regular, quincuncial pores; their inner edge circular, the outer six-lobed, the six lobes elegantly alternating with six short conical spines. Feet very coarse, equilateral triangular, half as broad as the thorax, little divergent.

*Dimensions*.—Length of the three joints, *a* 0·02, *b* 0·04, *c* 0·08; breadth, *a* 0·04, *b* 0·08, *c* 0·14.

*Habitat*.—Central Pacific, Station 268, depth 2900 fathoms.

15. *Podocyrtis centriscus*, Ehrenberg,

*Podocyrtis centriscus*, Ehrenberg, 1875, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 80, Taf. xiv. fig. 2.

Shell conical, rough, about as high as broad, with two obliterated strictures. Length of the three joints = 1 : 2 : 4, breadth = 1 : 4 : 7. Cephalis small, hemispherical, with a stout conical horn. Pores of the inflated abdomen irregular, roundish, very large, three occurring in the course of its length, five times as broad as the small, very numerous, regular, circular pores of the conical thorax. Feet S-shaped, as long as the abdomen, with the blunt end curved outwards.

*Dimensions*.—Length of the three joints, *a* 0·02, *b* 0·04, *c* 0·08; breadth, *a* 0·02, *b* 0·08, *c* 0·14.

*Habitat*.—Central Pacific, Station 266, depth 2750 fathoms; fossil in Barbados.

16. *Podocyrtis magnifica*, n. sp. (Pl. 72, fig. 5).

Shell conical, spiny, a little longer than broad, with two distinct strictures. Length of the three joints = 1 : 2 : 5, breadth = 2 : 4 : 7. Cephalis hemispherical, with a large conical horn, which is as long as the abdomen, nearly scaly, and covered with short, simple, and bifid spines. Pores regular, circular, quincuncially disposed, four times as broad in the inflated abdomen as in the