

long as the abdomen. Pores subregular, circular, two to four times as broad in the smooth abdomen as in the spiny thorax. Feet very short and broad, shovel-shaped, scarcely as long as the cephalis.

*Dimensions*.—Length of the three joints,  $a$  0.02,  $b$  0.05,  $c$  0.08; breadth,  $a$  0.03,  $b$  0.08,  $c$  0.09.

*Habitat*.—Fossil in Barbados.

#### 42. *Podocyrtis bromia*, Haeckel.

*Thyrsocyrtis bromia*, Ehrenberg, 1875, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 84, Taf. xii. fig. 2.

Shell ovate, thorny, with two distinct strictures. Length of the three joints = 2 : 5 : 5, breadth = 3 : 8 : 9. Cephalis subspherical, with a large conical horn, which is half as long as the shell, and spirally dentated in the distal half. Thorax conical, spinulate, with regular, circular, quincuncial pores. Abdomen tuberculate, with a small number of very large irregular pores. Feet short, shovel-shaped, nearly vertical, as long as the cephalis.

*Dimensions*.—Length of the three joints,  $a$  0.02,  $b$  0.05,  $c$  0.05; breadth,  $a$  0.03,  $b$  0.08,  $c$  0.09.

*Habitat*.—Fossil in Barbados.

#### 43. *Podocyrtis sphærogaster*, n. sp.

Shell inversely ovate, with two deep strictures. Length of the three joints = 1 : 2 : 6, breadth = 2 : 4 : 7. Cephalis hemispherical, with a slender, slightly bent horn, as long as the abdomen. Thorax hemispherical, spinulate. Abdomen nearly spherical, with much constricted mouth. Pores subregular, circular, hexagonally framed. Feet slender, cylindro-conical, about as long as the shell, with outer convexity, distinctly convergent.

*Dimensions*.—Length of the three joints,  $a$  0.02,  $b$  0.04,  $c$  0.12; breadth,  $a$  0.04,  $b$  0.08,  $c$  0.14.

*Habitat*.—Central Pacific, Station 266, depth 2750 fathoms.

#### 44. *Podocyrtis tripus*, Haeckel.

*Podocyrtis bicornis*, Ehrenberg, 1875, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 80, Taf. xvi. fig. 8.

† *Podocyrtis dipus*, Ehrenberg, 1875, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 82, Taf. xii. fig. 11.

Shell conical, rough, with two deep strictures. Length of the three joints = 1 : 2 : 4; breadth = 1 : 3 : 5. Cephalis subspherical, with a large, oblique, conical horn (sometimes with a small accessory horn at its base), Thorax hemispherical, with subregular, circular, small, quincuncial pores. Abdomen campanulate, with a small number (about twenty) of very large, irregular, polygonal pores. Feet conical, small, as long as the thorax, slightly convergent or nearly vertical.

*Dimensions*.—Length of the three joints,  $a$  0.02,  $b$  0.04,  $c$  0.08; breadth,  $a$  0.03,  $b$  0.06,  $c$  0.1.

*Habitat*.—Fossil in Barbados.