

abdomen sometimes more irregular and unequal). Feet as long as the abdomen, arising from it with triangular base, diverging, fenestrated throughout the entire length.

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

*Habitat*.—Central Pacific, Station 263, depth 2650 fathoms; fossil in Barbados.

## 2. *Dictyopodium oxylophus*, Ehrenberg.

*Dictyopodium oxylophus*, Ehrenberg, 1875, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 68, Taf. xix. fig. 5.

Shell subconical, smooth, with two slight strictures. Length of the three joints = 2 : 5 : 7, breadth = 3 : 8 : 10. Cephalis subspherical, with a small, conical, smooth horn of the same length. Pores irregular, polygonal, roundish, slightly larger in the abdomen than in the thorax. Feet as long as the thorax, arising from it with triangular base, diverging, fenestrated throughout the entire length. (The figures of this and the preceding species given by Ehrenberg are incomplete, having been drawn from spoiled specimens. In perfect specimens all the three feet are present and diverge in both species in the direction of the conical outline. The main difference between the two species is connected with the pores, which in *Dictyopodium oxylophus* are larger and more irregular, the two strictures are here not so deep.)

*Dimensions*.—Length of the three joints,  $a$  0.02,  $b$  0.05,  $c$  0.07; breadth,  $a$  0.03,  $b$  0.08,  $c$  0.1.

*Habitat*.—Fossil in Barbados.

## 3. *Dictyopodium scaphopodium*, n. sp. (Pl. 73, fig. 8).

Shell campanulate, conical, with two deep strictures. Length of the three joints = 1 : 2 : 6, breadth = 1 : 4 : 8. Cephalis hemispherical, with a conical, smooth horn of twice the length. Thorax hemispherical, rough, with small, regular, circular pores. Abdomen inflated and papillate, with very large, polygonal or roundish pores (eight to ten times as broad as the thoracic pores). Feet divergent, nearly as long as the shell, S-shaped, bent outwards, solid and cylindrical in the proximal half, shovel-shaped and fenestrated in the distal half.

*Dimensions*.—Length of the three joints,  $a$  0.02,  $b$  0.04,  $c$  0.12; breadth,  $a$  0.025,  $b$  0.08,  $c$  0.16.

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

## 4. *Dictyopodium cothurnatum*, Haeckel.

*Podocyrtes cothurnata*, Ehrenberg, 1854, Mikrogeol., Taf. xxxvi. fig. B. 21; Abhandl. d. k. Akad. d. Wiss. Berlin, 1875, p. 82, Taf. xiv. fig. 1.

*Anthocyrtes cothurnata*, Haeckel, 1862, Monogr. d. Radiol., p. 310.

Shell subconical, rough, with two deep strictures. Length of the three joints = 1 : 2 : 3, breadth = 1 : 3 : 5. Cephalis hemispherical, with a very large cylindrical, vertical horn, about as long as the whole shell. Thorax conical, rough, with small, regular, circular pores. Abdomen inflated, with very large, roundish pores (four to five in the course of its length), six to eight times