

1. *Sethomelissa hymenoptera*, n. sp.

Cephalis subspherical, thorny, with a bunch of three divergent, larger apical spines. Thorax pear-shaped, with three broad, triangular, latticed wings, the superior edge of which is a horizontal straight, and stout spine, nearly as long as the thorax. Pores irregular, roundish.

*Dimensions*.—Cephalis 0·03 diameter; thorax 0·11 long, 0·08 broad.

*Habitat*.—Central Pacific, Station 271, depth 2425 fathoms.

Genus 555. *Tetrahedrina*,<sup>1</sup> Haeckel, 1881, Prodrömus, p. 433.

*Definition*.—Sethoperida (vel Dicyrtida triradiata clausa) with a three-sided pyramidal thorax, the three edges of which are prolonged into three divergent, solid, terminal feet. Cephalis with a horn.

The genus *Tetrahedrina*, and the two following nearly allied genera, are distinguished by the possession of three free, divergent, terminal feet, projecting over the latticed mouth of the thorax. *Tetrahedrina* may be derived directly from *Dictyophimus*, by development of a horizontal latticed mouth-plate from the middle part of the feet, the lower part of which remains free. This genus, not noticed by Ehrenberg, is similar to his *Lithochytris*, and common in the Barbados deposits.

1. *Tetrahedrina pyramidalis*, n. sp.

Shell three-sided pyramidal, smooth, with slight collar stricture. Length of the two joints = 1 : 4, breadth = 1 : 4. Cephalis hemispherical, with small, sparsely disposed pores, and a pyramidal horn of the same length. Thorax with subregular, circular pores and three sharp edges, prolonged into three divergent pyramidal feet of the same length.

*Dimensions*.—Cephalis 0·03 diameter; thorax 0·12 long, 0·12 broad.

*Habitat*.—Fossil in Barbados.

2. *Tetrahedrina pyriformis*, n. sp.

Shell pear-shaped, rough, with distinct collar stricture. Length of the two joints = 2 : 6, breadth = 2 : 5. Cephalis subspherical, with a conical horn of the same length. Thorax with subregular, circular pores, ovate, at the broad base with three pyramidal, widely divergent feet of the same length. (Similar to *Lychnocanium tribulus*, Ehrenberg, 1875, *loc. cit.*, pl. vii. fig. 1, but with the mouth closed by a lattice-plate.)

*Dimensions*.—Cephalis 0·04 diameter; thorax 0·12 long, 0·1 broad.

*Habitat*.—Central Pacific, Station 265, depth 2900 fathoms.

<sup>1</sup> *Tetrahedrina* = Small tetrahedron; τετραέδρου.