

5. *Botryocampe camerata*, n. sp. (Pl. 96, fig. 24).

Cephalis multilobate, about as long and half as broad as the irregularly campanulate thorax, which is half as long as the subspherical large abdomen. Occipital lobe of the cephalis helmet-shaped, larger than its uviform frontal part, which is divided into six to eight small subspherical lobes. In the interior of the thorax and abdomen irregularly branched rods are visible, which divide their inner space into compartments or incomplete chambers. Pores large, regular, circular, hexagonally framed.

Dimensions.—Length of the shell 0·15, breadth 0·09.

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

Genus 495. *Phormobotrys*,¹ Haeckel, 1881, Prodrömus, p. 440.

Definition.—*Pylobotryida* with tubes on the cephalis, and with the mouth of the abdomen closed.

The genus *Phormobotrys* differs from the similar and closely allied *Pylobotrys* in the development of a basal lattice-plate closing the terminal mouth of the thorax, and corresponds therefore to *Lithobotrys* among the *Lithobotryida*. As in the latter and in *Cannobotrys*, &c., so here in *Phormobotrys*, different subgenera may be distinguished, according to the different number and disposition of the radial tubes which become developed from the lobate cephalis.

1. *Phormobotrys trithalamia*, n. sp. (Pl. 96, fig. 26).

Cephalis trilobate, with a single apical tube, which is only one-third as long, spindle-shaped, pointed, with frontal opening. Frontal lobes ovate, two-thirds as long as the helmet-shaped occipital lobe. Internal frontal septum of the cephalis with four large pores. Thorax cylindrical, twice as long as the hemispherical abdomen. Pores small and numerous, irregular, roundish.

Dimensions.—Length of the shell 0·16, breadth 0·05.

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

2. *Phormobotrys pentathalamia*, n. sp. (Pl. 96, fig. 27).

Cephalis quinquelobate, with a single conical apical tube of the same length, which has an obliquely truncate frontal opening. Odd frontal and paired buccal lobes smaller than the sternal and the occipital lobe. Internal frontal septum with six large pores. Thorax inflated, a little larger than the subspherical abdomen. Pores subregular, circular.

Dimensions.—Length of the shell 0·15, breadth 0·08.

Habitat.—Central Pacific, Station 272, depth 2600 fathoms.

¹ *Phormobotrys* = Grape basket; Φόρμος, βότρυς.