

between them a smaller odd middle lobe, and on each side of the latter an ovate frontal lobe. Thorax inflate, twice as long and broad as the cephalis. Pores small, scarce.

*Dimensions*.—Length of the shell 0.09, breadth 0.07.

*Habitat*.—South Pacific, Station 285, depth 2375 fathoms.

4. *Acrobotrys acuminata*, n. sp. (Pl. 96, fig. 9).

Cephalis sexlobate, with two divergent tubes. Occipital and frontal lobes ovate, odd; between them a cupola-shaped apical lobe, bearing an ascending pointed apical tube. On each side at the base a small buccal lobe, and between the paired buccal lobes an anterior nasal lobe with a descending curved sternal tube. Thorax smaller than the cephalis. Pores numerous and small.

*Dimensions*.—Length of the shell 0.11, breadth 0.09.

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

5. *Acrobotrys auriculata*, n. sp. (Pl. 96, fig. 11).

Cephalis quadrilobate, with three pointed and auriculate tubes, two ascending apical (an anterior and a posterior) in the helmet-shaped occipital lobe, and a descending sternal tube on the base of the frontal lobe; between the lobes two lateral paired buccal lobes. Thorax campanulate, twice as broad as the cephalis. Pores rather large and numerous.

*Dimensions*.—Length of the shell 0.1, breadth 0.08.

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

6. *Acrobotrys trisolenia*, n. sp. (Pl. 96, fig. 8).

Cephalis quadrilobate, with four odd lobes and three divergent curved tubes, an ascending apical tube in the conical occipital lobe, and two descending tubes on the anterior and posterior basal lobes; between these three lobes a small central lobe. Thorax ovate, about as large as the cephalis. Pores small and numerous.

*Dimensions*.—Length of the shell 0.11, breadth 0.05.

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

7. *Acrobotrys tetrasolenia*, n. sp.

Cephalis trilobate, with four slender cylindrical tubes. Occipital lobe helmet-shaped, with an apical tube on the apex and a caudal tube on the base. Two frontal lobes ovate, prolonged into two paired pectoral tubes. The four tubes correspond in position to the four spines of *Cortina*. Thorax inflate, ovate, larger than the cephalis. Pores very scarce, rather large, irregular.

*Dimensions*.—Length of the shell 0.08, breadth 0.05.

*Habitat*.—North Pacific, Station 244, depth 2900 fathoms.

8. *Acrobotrys pentasolenia*, n. sp.

Cephalis quinquelobate, with five short conical tubes; three divergent odd tubes arise from three odd lobes; an apical from the occipital lobe, a posterior caudal from the suboccipital lobe, and an