

9. *Lychnocanium fortipes*, n. sp. (Pl. 61, fig. 12).

Shell inflated, rough, with distinct collar stricture. Length of the two joints = 1 : 5, breadth = 1 : 6. Cephalis small, hemispherical, with a pyramidal horn of half the length. Thorax subglobular, truncate, twice as broad as the constricted mouth, with large, regular, circular pores and very thin bars. Three feet very stout, prismatic, twice as long as the thorax, widely divergent, curved with convexity outwards, club-shaped at the distal end, with denticulate edges.

*Dimensions*.—Cephalis 0.02 long, 0.02 broad; thorax 0.1 long, 0.12 broad.

*Habitat*.—Equatorial Atlantic, Station 347, depth 2250 fathoms.

10. *Lychnocanium falciferum*, Ehrenberg.

*Lychnocanium falciferum*, Ehrenberg, 1854, Mikrogeol., Taf. xxxvi. fig. 7; Abhandl. d. k. Akad. d. Wiss. Berlin, p. 78, Taf. viii. fig. 4.

*Lithomelissa falcifera*, Haeckel, 1862, Monogr. d. Radiol., p. 303.

Shell inflated, rough, with deep collar stricture. Length of the two joints = 1 : 3, breadth = 1 : 3. Cephalis small, with a conical horn of half the length. Thorax subglobular, truncate, three times as broad as the constricted mouth, with small, regular, circular pores. Three feet widely divergent, twice as long as the thorax, curved like a crescent, with strong convexity outwards.

*Dimensions*.—Cephalis 0.02 long, 0.02 broad; thorax 0.06 long, 0.06 broad.

*Habitat*.—Fossil in Barbados.

11. *Lychnocanium tuberosum*, n. sp. (Pl. 61, fig. 13).

Shell conical, tuberculate, with deep collar stricture. Length of the two joints = 1 : 3, breadth = 1 : 4. Cephalis subglobular, with a conical horn of the same length. Thorax inflated, twice as broad as the flat mouth, with small, irregular, roundish pores and scattered fenestrated tubercles. Three feet very large, angular, three times as long as the thorax, curved like a crescent, with strong convexity outwards.

*Dimensions*.—Cephalis 0.02 long, 0.03 broad; thorax 0.08 long, 0.12 broad.

*Habitat*.—Western Tropical Pacific, Station 225, depth 4475 fathoms.

12. *Lychnocanium hirundo*, Ehrenberg.

*Lychnocanium hirundo*, Ehrenberg, 1875, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 80, Taf. vii. fig. 8.

*Lithornithium hirundo*, Ehrenberg, 1854, Mikrogeol., Taf. xix. fig. 53.

*Lithocampe hirundo*, Ehrenberg, 1844, Monatsber. d. k. preuss. Akad. d. Wiss. Berlin, p. 65.

Shell conical, tuberculate, with slight collar stricture. Length of the two joints = 1 : 3, breadth = 1 : 4. Cephalis hemispherical, with a conical horn of half the length. Thorax cam-