

number of scattered, conical, fenestrated protuberances. Three feet very large, prismatic, straight, divergent, twice as long as the thorax.

Dimensions.—Cephalis 0·03 long, 0·04 broad; thorax 0·09 long, 0·12 broad.

Habitat.—North Pacific, Station 253, depth 3125 fathoms.

6. *Lychnocanium carinatum*, Ehrenberg.

Lychnocanium carinatum, Ehrenberg, 1875, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 78, Taf. viii. fig. 5.

Shell campanulate, with deep collar stricture. Length of the two joints = 1 : 3, breadth = 1 : 3. Cephalis subglobular, with a slender horn of the same length. Thorax conical, twice as broad as the flat mouth, with fifteen to twenty prominent, longitudinal, divergent ribs, alternating with the same number of rows of pores. Three feet slender, prismatic, straight, divergent, twice as long as the thorax.

Dimensions.—Cephalis 0·02 long, 0·02 broad; thorax 0·06 long, 0·06 broad.

Habitat.—Fossil in Barbados.

7. *Lychnocanium ventricosum*, Ehrenberg.

Lychnocanium ventricosum, Ehrenberg, 1875, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 80, Taf. vii. fig. 12.

Shell pear-shaped, rough, with deep collar stricture. Length of the two joints = 1 : 3, breadth = 1 : 4. Cephalis subglobular, with a stout conical horn twice the length. Thorax conical, three times as broad as the constricted mouth, with irregular, roundish pores of different sizes. Three feet stout, conical, divergent, half as long as the thorax.

Dimensions.—Cephalis 0·02 long, 0·03 broad; thorax 0·07 long, 0·09 broad.

Habitat.—Central Pacific, Stations 265 to 268, depth 2700 to 2900 fathoms; fossil in Barbados.

8. *Lychnocanium tribulus*, Ehrenberg.

Lychnocanium tribulus, Ehrenberg, 1875, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 80, Taf. vii. fig. 1.

Shell pear-shaped, nodose, with distinct collar stricture. Length of the two joints = 1 : 4, breadth = 1 : 4. Cephalis subglobular, with a conical horn twice the length. Thorax ovate, twice as broad as the constricted mouth, with irregular, roundish pores of different sizes. Three stout feet strongly divergent, pyramidal, about as long as the thorax.

Dimensions.—Cephalis 0·02 long, 0·02 broad; 0·08 long, 0·08 broad.

Habitat.—Fossil in Barbados.

Subgenus 2. *Lychnocanissa*, Haeckel.

Definition.—Feet divergent, more or less curved; their terminal distance greater than their basal distance.