

2. *Artostrobus elegans*, Haeckel.

? *Eucyrtidium elegans*, Ehrenberg, 1875, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 70, pl. xi. fig. 12.

? *Eucyrtidium pauperum*, Ehrenberg, 1875, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 72, pl. xi. fig. 13.

Shell cylindrical, smooth, with eight to ten internal annular septa. Cephalis subspherical, with a short, conical horn. Thorax campanulate, with two transverse rows of pores. Abdomen with six to eight equal joints, each with a single row of pores. (May be described, perhaps, better as *Theocyrtis elegans*. *Eucyrtidium pauperum*, Ehrenberg, *loc. cit.*, may be a variety of this species.)

*Dimensions*.—Length of the shell (with nine joints) 0·1; length of each abdominal joint 0·01, breadth 0·03.

*Habitat*.—Fossil in Barbados.

Subgenus 2. *Artostrobium*, Haeckel.

*Definition*.—All (or the majority) of the joints of the shell with several transverse rows of pores, in variable number.

3. *Artostrobus auritus*, Haeckel.

*Lithocampe aurita*, Ehrenberg, 1844, Monatsber. d. k. preuss. Akad. d. Wiss. Berlin, p. 84.

*Lithocampe auricula*, Ehrenberg, 1844, Monatsber. d. k. preuss. Akad. d. Wiss. Berlin, p. 71.

*Eucyrtidium auritum*, Ehrenberg, 1854, Mikrogeol., Taf. xxii. fig. 25.

*Eucyrtidium auritum*, Stöhr, 1880, Palæontogr., vol. xxvi. p. 104, Taf. iv. fig. 7.

Shell subcylindrical, with five sharp strictures. All six joints nearly equal in length; each with four or five transverse rows of small pores. Cephalis small, flat, hemispherical, with two or three small, conical, oblique horns. Mouth of the sixth joint a little constricted.

*Dimensions*.—Length of the shell (with six joints) 0·12; length of each joint (on an average) 0·02, breadth 0·04 to 0·05.

*Habitat*.—Fossil in Tertiary rocks of Sicily (Grotte, Caltanissetta).

4. *Artostrobus biseriatus*, n. sp.

Shell cylindrical, smooth, with ten to twelve deep strictures. All joints nearly equal in size; each with two transverse rows of small circular pores. Cephalis hemispherical, with a long, bristle-shaped, curved horn.

*Dimensions*.—Length of the shell (with twelve joints) 0·24; length of each joint 0·02, breadth 0·04.

*Habitat*.—Tropical Atlantic, Station 348, depth 2450 fathoms.