

6. *Eusyringium fistuligerum*, Haeckel.

*Eucyrtidium fistuligerum*, Ehrenberg, 1875, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 70, Taf. ix. fig. 3.

Shell with four joints, thin-walled, smooth. Cephalis subspherical, with numerous very small pores, and a stout, pyramidal horn of the same length. Thorax hemispherical. Third joint subspherical, four times as long as the thorax, and of the same length as the slender, inversely conical or cylindrical, fourth joint. Pores irregular, roundish or circular, in the fourth joint twice as broad as in the two preceding joints.

*Dimensions*.—Length of the shell (with four joints) 0·2. Length of the single joints, *a* 0·02, *b* 0·02, *c* 0·08, *d* 0·08; breadth 0·09.

*Habitat*.—Fossil in Barbados.

Subgenus 2. *Eusyringoma*, Haeckel.

*Definition*.—Shell with four or more strictures, and five or more joints; the last joint is strongly constricted, and forms a narrow cylindrical tube.

7. *Eusyringium lagenoides*, Haeckel.

*Eucyrtidium lagenoides*, Stöhr, 1880, Palæontogr., vol. xxvi. p. 104, Taf. iv. fig. 8.

Shell with five joints, and four sharp strictures, nearly spindle-shaped. The third joint is twice as long as the second and the fourth. Cephalis small, cap-shaped, with a thin conical horn of the same length. The fifth joint is in Stöhr's figure broken off, but well conserved in a specimen from Caltanissetta, and represents a slender cylindrical tube, with few pores, half as long as the shell. Pores small, subregular, circular, quincuncial.

*Dimensions*.—Length of the shell (with five joints) 0·24, breadth 0·08; length of the third joint 0·06, of the second and the fourth 0·03, of the fifth 0·1; breadth of the basal tube 0·027.

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

8. *Eusyringium raphanus*, Haeckel.

*Eucyrtidium raphanus*, Stöhr, 1880, Palæontogr., vol. xxvi. p. 106, Taf. iv. fig. 12.

Shell with six or seven joints of very different lengths, in the upper half campanulate, in the lower cylindrical. The second and the two last joints are the longest. Cephalis small, subspherical, with a short conical horn. The last joint is a narrow cylindrical tube of variable length, scarcely one-fourth as broad as the preceding joints. Pores in the upper joints regular, circular, in the lower irregular, roundish.

*Dimensions*.—Length of the shell (with seven joints) 0·2, breadth 0·1; length of the second and last joints 0·03 to 0·04; breadth of the basal tube 0·025.

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