

Dimensions.—Length of the shell (with eight joints) 0·15; length of each joint 0·017 to 0·023, breadth 0·04 to 0·05.

Habitat.—Fossil in Tertiary rocks of Sicily; Grotte (Stöhr), Caltanissetta (Haeckel).

9. *Lithomitra punctata*, Haeckel.

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

Eucyrtidium punctatum, Ehrenberg, 1854, Mikogeol., Taf. xxii. fig. 24.

Dictyomitra punctata, Stöhr, 1880, Palæontogr., vol. xxvi. p. 101, Taf. iii. fig. 24.

Shell subcylindrical, smooth, with four to six distinct strictures. Cephalis small, subspherical. Thorax campanulate-conical. Abdomen cylindrical, with three to four equal joints. In each joint five to six transverse rows of small, circular pores, quincuncially disposed.

Dimensions.—Length of the shell (with five joints) 0·1; length of each joint (except the first) 0·02, breadth 0·05.

Habitat.—Fossil in Tertiary rocks of Sicily; Caltanissetta (Ehrenberg), Grotte (Stöhr).

10. *Lithomitra seriolata*, Haeckel.

Eucyrtidium seriolatum, Ehrenberg, 1858, Monatsber. d. k. preuss. Akad. d. Wiss. Berlin, p. 33.

Lithocampe seriolata, Haeckel, Monogr. d. Radiol., p. 316.

Shell subcylindrical, smooth, with four to six sharp strictures. Cephalis small, hemispherical. Thorax conical. Abdomen cylindrical, with three to five different joints of alternate sizes. Small circular pores in transverse rows; three or four rows in the third and fifth joints, seven or eight rows in the second, fourth, and sixth joints.

Dimensions.—Length of the shell (with six joints) 0·1; length of the second and fourth joints 0·03, of the third and fifth joints 0·015.

Habitat.—Mediterranean, Crete (Ehrenberg), Corfu (Haeckel).

11. *Lithomitra hyperborea*, Haeckel.

Eucyrtidium hyperboreum, Bailey, 1856, Amer. Journ. Sci. and Arts, vol. xxii., pl. i. fig. 10.

Lithocampe hyperborea, Haeckel, 1862, Monogr. d. Radiol., p. 315.

Shell cylindrical, with prominent longitudinal ribs and six deep strictures. Cephalis hemispherical. On each joint three to four transverse rows of small, obsolete pores. Each joint is about twice as broad as long.

Dimensions.—Length of the shell (with six joints) 0·12; length of each joint 0·02, breadth 0·04.

Habitat.—Arctic and Northern Pacific, Kamtschatka (Bailey).