

*Dimensions*.—Length of the shell (with four joints) 0·11. Length of the single joints, *a* 0·015, *b* 0·03, *c* 0·04, *d* 0·025; greatest breadth 0·05.

*Habitat*.—North Atlantic (Greenland, depth 1600 fathoms, Ehrenberg), Station 64, surface.

10. *Lithocampe multiseriata*, Haeckel.

*Eucyrtidium multiseriatum*, Ehrenberg, 1872, Monatsber. d. k. preuss. Akad. d. Wiss. Berlin, page 293, Taf. vii. fig. 9.

Shell smooth, spindle-shaped, or slenderly ovate, with three sharp strictures. Four joints of different lengths = 3 : 4 : 5 : 10. The third and fourth joints nearly equal in breadth, and twice as broad as the hemispherical cephalis. The truncate mouth is slightly constricted. Pores very small and numerous, in regular transverse rows. Three or four rows in the first, five or six in the second, seven or eight in the third, and fifteen to twenty in the fourth joint.

*Dimensions*.—Length of the shell (with four joints) 0·11. Length of the single joints, *a* 0·015, *b* 0·02, *c* 0·025, *d* 0·05; breadth 0·045.

*Habitat*.—Tropical Pacific (Philippine Sea, Ehrenberg), Stations 206, 224, 266, in various depths.

11. *Lithocampe diploconus*, n. sp. (Pl. 77, fig. 3).

Shell rough, doubly conical, with three distinct strictures. Four joints of different lengths = 2 : 5 : 5 : 8. The third joint is the broadest. The three first joints form together a broad cone, and the fourth an inverse truncate cone; the latter is distinguished by convergent longitudinal ribs. Pores regular, circular, alternating with the ribs in the fourth joint. Truncate mouth hyaline, half as broad as the third joint.

*Dimensions*.—Length of the shell (with four joints) 0·2. Length of the single joints, *a* 0·02, *b* 0·05, *c* 0·05, *d* 0·08; breadth (in the middle part) 0·1.

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

12. *Lithocampe diaphana*, Haeckel.

*Eucyrtidium diaphanum*, Ehrenberg, 1872, Monatsber. d. k. preuss. Akad. d. Wiss. Berlin, p. 309.

Shell smooth, hyaline, spindle-shaped, decreasing uniformly towards both poles, with three distinct strictures. Four joints of different lengths; the second and third equal in breadth, twice as broad and three times as long as the first and the fourth. Pores very small and scarce, in transverse interrupted rows, commonly two rows in the first, two or three in the second, three or four in the third, and only one in the last joint. Mouth constricted, two-thirds as broad as the fourth joint.

*Dimensions*.—Length of the shell (with four joints) 0·13. Length of the single joints, *a* 0·015, *b* 0·05, *c* 0·05, *d* 0·015; breadth (in the middle part) 0·06, mouth 0·02.

*Habitat*.—South Atlantic, Station 335, depth 1425 fathoms.