

3. *Stichocapsa tricincta*, n. sp. (Pl. 78, fig. 2).

Shell smooth, spindle-shaped, twice as long as broad, with three deep strictures. Length of the four joints = 2 : 5 : 5 : 10. The third joint is the broadest. Fourth joint inversely conical, with acute basal pole. Cephalis small, subconical. Pores irregular, roundish, of very different sizes.

*Dimensions*.—Length of the shell 0.11. Length of the single joints, *a* 0.01, *b* 0.025, *c* 0.025, *d* 0.05; breadth 0.055.

*Habitat*.—Central Pacific, Station 268, depth 2900 fathoms.

4. *Stichocapsa subglobosa*, n. sp.

Shell thorny, broad, pear-shaped, nearly spherical, almost as broad as long, with three internal septal rings. Length of the four joints = 1 : 2 : 7 : 2. Cephalis small, subspherical. Thorax flat, conical. Third joint very large, inflated, about twice as broad as the second and fourth joints. The latter is flat, cap-shaped, with rounded basal pole. Pores regular, circular, hexagonally framed, in the third joint twice as broad as in the second and fourth joints.

*Dimensions*.—Length of the shell 0.24. Length of the single joints, *a* 0.02, *b* 0.04, *c* 0.14, *d* 0.04; breadth 0.2.

*Habitat*.—Central Pacific, Station 265, depth 2900 fathoms.

5. *Stichocapsa compressa*, Haeckel.

*Lithocampe compressa*, Stöhr, 1880, Palæontogr., vol. xxvi. p. 103, Taf. iv. fig. 5.

Shell rough, broad, pear-shaped, almost as broad as long, with three internal septal rings. Length of the four joints = 1 : 2 : 3 : 2. Cephalis very small, spherical. Thorax conical. The third joint is the broadest, strongly inflated. The fourth joint (in the figure of Stöhr broken off) is in a well preserved specimen inversely hemispherical, with rounded basal pole. Pores very small, regular, circular.

*Dimensions*.—Length of the shell 0.1. Length of the single joints, *a* 0.013, *b* 0.027, *c* 0.04, *d* 0.022; breadth 0.08.

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

6. *Stichocapsa pyriformis*, n. sp.

Shell rough, pear-shaped, about twice as long as broad, with three internal septal rings. Length of the four joints = 2 : 5 : 2 : 9. Cephalis small, spherical, hyaline. Thorax conical. Third joint very short and broad; the fourth joint is the broadest, half as long as the shell, with an inversely hemispherical basal pole. Pores subregular, circular, small and numerous, larger in the basal third.

*Dimensions*.—Length of the shell 0.18. Length of the single joints, *a* 0.02, *b* 0.05, *c* 0.02, *d* 0.09; breadth 0.1.

*Habitat*.—Fossil in Barbados.