

*Dimensions*.—Length of the shell (with nine joints) 0·22, breadth 0·1; length of the cephalis 0·015, of the last joint, 0·03, of each of the seven other joints, 0·022 to 0·028.

*Habitat*.—Central Pacific, Station 271, depth 2425 fathoms.

11. *Cyrtocapsa chrysalidium*, n. sp. (Pl. 76, fig. 9).

Shell rough, nearly spindle-shaped, with seven distinct strictures. Length of the eight joints = 4 : 6 : 11 : 8 : 5 : 5 : 4 : 3. The third and fourth joints are the broadest. The last joint is small, inversely cap-shaped. Cephalis subspherical, with an oblique, dentate horn of the same length. Pores very numerous, subregular, circular.

*Dimensions*.—Length of the shell (with eight joints) 0·23, breadth 0·1. Length of the single joints, *a* 0·02, *b* 0·03, *c* 0·055, *d* 0·04, *e* 0·025, *f* 0·025, *g* 0·02, *h* 0·015.

*Habitat*.—Central Pacific, Station 274, depth 2750 fathoms.

Genus 654. *Stichocapsa*,<sup>1</sup> Haeckel, 1881, Prodrömus, p. 439.

*Definition*.—*Stichocapsida* (vel *Stichocyrtida eradiata clausa*) without apical horn, and without basal spine.

The genus *Stichocapsa* differs from the preceding *Cyrtocapsa* in the absence of an apical horn, and bears therefore to it the same relation as *Lithocampe* does to *Eucyrtidium*. It may be derived either from *Cyrtocapsa* by loss of the horn, or from *Eucyrtidium* by closure of the terminal mouth.

1. *Stichocapsa tetracola*, n. sp. (Pl. 78, fig. 1).

Shell smooth, spindle-shaped, half as broad as long, with three slight strictures. Length of the four joints = 3 : 4 : 4 : 11. The fourth joint is the broadest, inversely conical, with acute basal pole. Pores subregularly square in the second and third joints, more irregular 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* 0·02, *d* 0·055; breadth 0·055.

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

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

Shell smooth, pear-shaped, half as broad as long, with three deep strictures. Length of the four joints = 3 : 8 : 8 : 5. The second joint is the broadest. The fourth joint is scarcely larger than the hemispherical cephalis, inversely conical, with blunt basal pole. Pores subregular, square, in transverse rows, in the second and third joints of equal size, in the fourth smaller.

*Dimensions*.—Length of the shell (with four joints) 0·12. Length of the single joints, *a* 0·015, *b* 0·04, *c* 0·04, *d* 0·025; breadth 0·06.

*Habitat*.—Central Pacific, Station 270, depth 2925 fathoms.

<sup>1</sup> *Stichocapsa* = Jointed capsule; στήχος, κάψα.