

17. *Theocapsa schwannii*, n. sp.

Shell slenderly ovate, or pear-shaped, with two distinct strictures. Length of the three joints = 1 : 2 : 7, breadth = 2 : 4 : 7. Cephalis subspherical, small, with a stout, pyramidal horn of three times the length. Cavity of the thorax subspherical, its thick wall with small, regular, circular, hexagonally-framed pores. Abdomen very thick-walled, with crested bars, and very large, irregular, roundish pores. Basal pole rounded, truncate.

*Dimensions*.—Length of the three joints, *a* 0.02, *b* 0.04, *c* 0.14; breadth, *a* 0.04, *b* 0.08, *c* 0.14.

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

18. *Theocapsa mülleri*, n. sp. (Pl. 66, fig. 7).

Shell slenderly ovate, or pear-shaped, spiny, with two indistinct strictures. Length of the three joints = 1 : 2 : 3, breadth = 1 : 2 : 3. Cephalis ovate, with a stout, pyramidal horn of the same length, and with a variable number of smaller accessory horns. Pores irregular, roundish, three to four times as broad in the inflated abdomen as in the thorax. Basal pole hemispherical, spiny.

*Dimensions*.—Length of the three joints, *a* 0.03, *b* 0.05, *c* 0.09; breadth, *a* 0.03, *b* 0.07, *c* 0.09.

*Habitat*.—Central Pacific, Stations 270 to 274, depth 2350 to 2925 fathoms.

19. *Theocapsa sarsii*, n. sp.

Shell pear-shaped, with two indistinct strictures. Length of the three joints = 1 : 1 : 3, breadth = 1 : 2 : 4. Cephalis with a thick horn of the same length, conical. Abdomen subspherical, very thick-walled, its pores regular, circular, twice as broad as the bars, and three times as broad as those of the thorax. Basal pole flat, rounded.

*Dimensions*.—Length of the three joints, *a* 0.04, *b* 0.05, *c* 0.12; breadth, *a* 0.05, *b* 0.11, *c* 0.15.

*Habitat*.—Fossil in Barbados.

20. *Theocapsa darwini*, n. sp. (Pl. 66, fig. 12).

Shell pear-shaped, with two distinct strictures. Length of three joints = 1 : 1 : 5, breadth = 1 : 2 : 5. Cephalis hemispherical, with a conical horn of twice the length. Thorax campanulate, with small, regular, circular pores. Abdomen broad, ovate, with larger, regular, circular, hexagonally-framed pores. Basal pole hemispherical.

*Dimensions*.—Length of the three joints, *a* 0.03, *b* 0.04, *c* 0.2; breadth, *a* 0.04, *b* 0.08, *c* 0.2.

*Habitat*.—Central Pacific, Stations 263 to 274, depth 2350 to 2925 fathoms.

Genus 624. *Tricolocapsa*,<sup>1</sup> Haeckel.

*Definition*.—*Theocapsida* (vel *Tricyrtida eradiata clausa*) without apical horn, with a terminal lattice-plate on the mouth.

<sup>1</sup> *Tricolocapsa* = Three-jointed capsule; τρικῶλον, κάψα.