

5. *Theocapsa wottonis*, n. sp. (Pl. 66, fig. 11).

Shell subovate, rough, with two deep strictures. Length of the three joints = 3 : 7 : 5, breadth = 3 : 9 : 8. Cephalis subspherical, with regular, circular, hexagonally-framed pores, and with a stout pyramidal horn of the same length. Thorax conical, with subregular, circular, double-edged pores. Abdomen hemispherical, smaller and thinner walled, with irregular, somewhat oblong pores. Basal pole rounded.

*Dimensions*.—Length of the three joints, *a* 0.03, *b* 0.07, *c* 0.05; breadth, *a* 0.03, *b* 0.09, *c* 0.08.

*Habitat*.—South Atlantic, Station 332, depth 2200 fathoms.

6. *Theocapsa gessneri*, n. sp.

Shell broadly ovate, with two deep strictures. Length of the three joints = 3 : 9 : 5, breadth = 4 : 10 : 4. Cephalis hemispherical, with a slender, conical horn of the same length. Thorax subspherical, with small, regular, circular pores. Abdomen inversely conical, with few large, somewhat oblong pores. Basal pole acute.

*Dimensions*.—Length of the three joints, *a* 0.03, *b* 0.09, *c* 0.05; breadth, *a* 0.04, *b* 0.1, *c* 0.04.

*Habitat*.—North Pacific, Station 244, depth 2900 fathoms.

7. *Theocapsa aldrovandi*, n. sp.

Shell slender, inversely ovate, with two slight strictures. Length of the three joints = 3 : 8 : 14, breadth = 4 : 11 : 8. Cephalis subglobular, with a conical horn of the same length. Thorax also subglobular, papillate, with regular, circular, hexagonally-framed pores. Abdomen inversely conical, slender, with very small and numerous, subregular, circular pores. Basal pole ovate, pointed.

*Dimensions*.—Length of the three joints, *a* 0.03, *b* 0.08, *c* 0.14; breadth, *a* 0.04, *b* 0.11, *c* 0.08.

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

8. *Theocapsa malpighii*, n. sp. (Pl. 66, fig. 15).

Shell inversely ovate, with two distinct strictures. Length of the three joints = 3 : 8 : 11, breadth = 4 : 9 : 8. Cephalis hemispherical, with a conical horn of the same length. Thorax hemispherical, thorny, with very small circular pores, surrounded by large, regular, hexagonal frames. Abdomen inversely campanulate, with larger circular pores, and longitudinal ribs. Basal pole blunt, conical.

*Dimensions*.—Length of the three joints, *a* 0.03, *b* 0.08, *c* 0.11; breadth, *a* 0.04, *b* 0.09, *c* 0.08.

*Habitat*.—Central Pacific, Station 266, depth 2750 fathoms.

Subgenus 3. *Theocapsomma*, Haeckel.

*Definition*.—Thorax much smaller than the abdomen, pores of the two nearly equal in size and similar in form.