

1. *Theocapsa aristotelis*, n. sp. (Pl. 66, fig. 6).

Shell subovate, smooth, with two distinct strictures. Length of the three joints = 2:6:7, breadth = 3:8:8. Cephalis hemispherical, with a conical, slender horn of about the same length. Thorax and abdomen nearly equal in size, thin-walled, smooth, with small, regular, circular pores of equal size. Basal pole rounded.

*Dimensions*.—Length of the three joints, *a* 0.02, *b* 0.06, *c* 0.07; breadth, *a* 0.03, *b* 0.08, *c* 0.08.

*Habitat*.—Mediterranean (Gibraltar), Atlantic (Canary Islands), surface.

2. *Theocapsa plinii*, n. sp.

Shell subovate, smooth, with two indistinct strictures. Length of the three joints = 2:5:6, breadth = 3:7:7. Cephalis hemispherical, with a pyramidal, thick horn of about the same length. Thorax and abdomen of nearly equal size, thick-walled, rough, with large, regular, circular, double-edged pores of equal size (twice as large and half as numerous as in the similar preceding species).

*Dimensions*.—Length of the three joints, *a* 0.02, *b* 0.05, *c* 0.06; breadth, *a* 0.03, *b* 0.07, *c* 0.07.

*Habitat*.—Central Pacific, Stations 265 to 268, depth 2700 to 2900 fathoms.

3. *Theocapsa democriti*, n. sp. (Pl. 66, fig. 8).

Shell slender, ovate, spiny, with two distinct strictures. Length of the three joints = 3:5:6, breadth = 4:7:7. Cephalis ovate, with numerous slender horns of the same length. Thorax and abdomen with small, irregular, roundish pores of nearly equal size, armed with scattered slender spines, half as long as the cephalic horns. Basal pole hemispherical, rounded.

*Dimensions*.—Length of the three joints, *a* 0.03, *b* 0.05, *c* 0.06; breadth, *a* 0.04, *b* 0.07, *c* 0.07.

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

4. *Theocapsa galeni*, n. sp.

Shell broadly ovate, spiny, with two deep strictures. Length of the three joints = 2:7:6, breadth = 3:8:7. Cephalis hemispherical, with two conical, divergent horns of the same length. Thorax and abdomen with large, irregular, roundish pores of nearly equal size, armed with numerous short spines, not larger than the pores. Basal pole conical, pointed.

*Dimensions*.—Length of the three joints, *a* 0.02, *b* 0.07, *c* 0.06; breadth, *a* 0.03, *b* 0.08, *c* 0.07.

*Habitat*.—North Pacific, Station 253, depth 3125 fathoms.

Subgenus 2. *Theocapsilla*, Haeckel.

*Definition*.—Thorax of about the same size as the abdomen, or somewhat larger; pores of the two different in size or form.