

5. *Theocyrtis paupera*, Haeckel.

*Eucyrtidium pauperum*, Ehrenberg, 1875, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 72, Taf. xi. fig. 13.

Shell slender, cylindrical, smooth. Length of the three joints = 1:2:6, breadth = 1:3:3. Cephalis hemispherical, with a stout conical horn of twice the length. Thorax truncate, conical. Abdomen cylindrical. Pores very small, regular, circular, disposed in transverse rows, one or two in the thorax, three to five in the abdomen. (Distance between the rows twice as great as in the preceding nearly related species.) Mouth wide open, truncate.

*Dimensions*.—Length of the three joints, *a* 0.01, *b* 0.02, *c* 0.06; breadth, *a* 0.015, *b* 0.03, *c* 0.03.

*Habitat*.—Western Tropical Pacific, Station 225, depth 4475 fathoms; also fossil in Barbados and Sicily.

6. *Theocyrtis microtheca*, Haeckel.

*Eucyrtidium microtheca*, Ehrenberg, 1875, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 72, Taf. xi. fig. 10.

*Eucyrtidium hillabyi*, Ehrenberg, 1875, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 72, Taf. xi. fig. 8.

Shell cylindrical, a little rough. Length of the three joints = 1:3:4, breadth = 1:3:3. Cephalis subspherical, with a small conical horn. Thorax hemispherical or campanulate. Abdomen cylindrical, with wide open truncate mouth. Pores subregular, circular, quincuncially disposed, of medium size, rudimentary or wanting in the cephalis.

*Dimensions*.—Length of the three joints, *a* 0.015 to 0.02, *b* 0.03 to 0.05, *c* 0.05 to 0.08; breadth, *a* 0.02 to 0.025, *b* 0.05 to 0.06, *c* 0.05 to 0.06.

*Habitat*.—Central Pacific, Stations 263 to 274, depth 2350 to 2925 fathoms; also fossil in Barbados.

Subgenus 2. *Theocorusca*, Haeckel.

*Definition*.—Pores of the thorax and the abdomen of different sizes or forms.

7. *Theocyrtis macroceros*, n. sp. (Pl. 69, fig. 13).

Shell almost cylindrical, smooth. Length of the three joints = 1:2:5, breadth = 2:3:4. Cephalis hemispherical, with a very large cylindrical horn, once or twice as long as the shell. Thorax truncate, hemispherical. Abdomen cylindrical, only slightly contracted towards both ends. Two girdle strictures deep. Pores small, subregular, circular, more irregular and twice to three times as large in the abdomen as in the thorax, disposed in transverse rows, five to six in the thorax, eight to ten in the abdomen.

*Dimensions*.—Length of the three joints, *a* 0.02 to 0.03, *b* 0.04 to 0.05, *c* 0.1 to 0.12; breadth, *a*, 0.04, *b* 0.07, *c* 0.08.

*Habitat*.—South Atlantic, Station 335, depth 1425 fathoms; also fossil in Barbados.