

5. *Carpocanium diadema*, Haeckel.

*Carpocanium diadema*, Haeckel, 1862, Monogr. d. Radiol., p. 290, Taf. v. fig. 1.

*Carpocanium diadema*, R. Hertwig, 1879, Organism. d. Radiol., p. 79, Taf. viii. figs. 7, 7a, 8, 8a, 8b.

Shell ovate, with little vaulted cephalis. Length of the two joints = 1 : 8, breadth = 3 : 6. Pores regular, circular, in about twelve longitudinal rows, twice as broad as the bars. Mouth constricted, half as broad as the thorax. Peristome with nine vertical, equilateral, triangular feet.

*Dimensions*.—Cephalis 0.01 long, 0.03 broad; thorax 0.08 long, 0.06 broad.

*Habitat*.—Cosmopolitan; Mediterranean, Atlantic, Indian, Pacific; many stations, surface.

6. *Carpocanium cylindricum*, n. sp.

Shell cylindrical, with hemispherical, flatly vaulted cephalis. Length of the two joints = 1 : 4, breadth = 3 : 3. Pores regular, circular, double-contoured, as broad as the bars, in about fifteen longitudinal series. Mouth constricted, two-thirds as broad as the thorax. Peristome with nine vertical, slender, triangular, pointed feet.

*Dimensions*.—Cephalis 0.02 long, 0.06 broad; thorax 0.08 long, 0.06 broad.

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

7. *Carpocanium enneaphyllum*, n. sp.

Shell slenderly ovate, at the mouth truncate, thorny, with hemispherical, vaulted cephalis. Length of the two joints = 1 : 6, breadth = 2 : 4. Pores regular, circular, hexagonally framed, as broad as the bars, in about thirteen longitudinal rows. Mouth constricted, about two-thirds as broad as the thorax. Peristome with nine broad, lamellar, vertical, nearly square feet, half as long as the shell, with small intervals.

*Dimensions*.—Cephalis 0.02 long, 0.04 broad; thorax 0.12 long, 0.09 broad.

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

8. *Carpocanium solitarium*, Ehrenberg.

*Carpocanium solitarium*, Ehrenberg, 1854, Mikrogeol., Taf. xxii. fig. 28.

*Lithocampe solitaria*, Ehrenberg, 1844, Monatsber. d. k. preuss. Akad. d. Wiss. Berlin, p. 65.

Shell slenderly ovate, twice as long as broad, with hidden spherical cephalis, completely enclosed in the summit of the thorax. Length of the two joints = 1 : 6, breadth = 1 : 4. Pores small, regular, circular, as broad as the bars, in about eleven longitudinal rows. Mouth gradually constricted, half as broad as the thorax. Peristome with nine ovate blunt feet, which are as long as the cephalis, little curved and convergent.

*Dimensions*.—Cephalis 0.02 long, 0.02 broad; thorax 0.12 long, 0.07 broad.

*Habitat*.—Fossil in Tertiary rocks of Sicily (Caltanissetta).

(ZOOLOG. CHALL. EXP.—PART XL.—1886.)