

3. *Echinomma aculeatum*, Haeckel.

*Actinomma aculeatum*, Stöhr, 1880, Palæontogr., vol. xxvi. p. 92, Taf. ii. fig. 11.

Cortical shell thick walled, with regular, circular pores, of the same breadth as the bars; eight to ten on the radius. Radial proportion of the three spheres = 1:2:8. Surface covered with short conical by-spines; about twenty strong main spines, three-sided pyramidal, one-third as long as the shell diameter.

*Dimensions*.—Diameter of the outer shell 0.16, middle 0.04, inner 0.02; cortical pores and bars 0.003; length of the main spines 0.05, basal breadth 0.013.

*Habitat*.—Fossil in the Tertiary rocks of Sicily and Barbados; living in the Atlantic, Station 332, depth 2200 fathoms.

4. *Echinomma diadema*, n. sp.

Cortical shell thick walled, with regular, circular pores, twice as broad as the bars; sixteen to eighteen on the radius. Radial proportion of the three spheres = 1:3:11. Surface covered with short bristle-shaped by-spines, one-third as long as the twelve stout conical main spines, which reach in length the radius, and lie opposite in pairs in six axes.

*Dimensions*.—Diameter of the outer shell 0.22, middle 0.06, inner 0.02; cortical pores 0.006, bars 0.003; length of the main spines 0.12, basal breadth 0.02.

*Habitat*.—Central Pacific, Station 268, depth 2900 fathoms.

Subgenus 2. *Echinommura*, Haeckel.

*Definition*.—Pores of the cortical shell irregular, of different size or form.

5. *Echinomma sphærechinus*, n. sp. (Pl. 29, fig. 2).

*Actinomma sphærechinus*, Haeckel, 1879, Atlas (pl. xxix. fig. 2).

Cortical shell thin walled, with irregular, roundish pores, twice to five times as broad as the bars; five to seven on the radius. Both medullary shells with regular, circular pores, twice as broad as the bars. Radial proportion of the three spheres = 1:2:4. Surface covered with thirty to fifty pyramidal main spines, as long as the diameter of the inner shell, and with numerous small conical by-spines of half the length.

*Dimensions*.—Diameter of the outer shell 0.11, middle 0.05, inner 0.025; cortical pores 0.01 to 0.02, bars 0.004; length of the main spines 0.03, basal breadth 0.005.

*Habitat*.—North Atlantic, Station 353, surface.

6. *Echinomma trinacrium*, Haeckel.

*Actinomma trinacrium*, Haeckel, 1862, Monogr. d. Radiol., p. 441, Taf. xxiv. figs. 6-8.

Cortical shell thin walled, with irregular, roundish pores, twice to three times as broad as the bars. Both medullary shells with regular, circular pores. Radial proportion of the three spheres