

Subgenus 2. *Thecosphærella*, Haeckel.

*Definition*.—Pores of the cortical shell regular, circular, without hexagonal frames or lobes, all of nearly equal size and form.

5. *Thecosphæra inermis*, Haeckel.

*Actinomma inermis*, Haeckel, 1862, Monogr. d. Radiol., p. 440, Taf. xxiv. fig. 5.

*Haliomma inermis*, Haeckel, 1860, Monatsber. d. k. preuss. Akad. d. Wiss. Berlin, p. 815.

Cortical shell thin walled, rough, with regular circular pores, twice as broad as the bars. Radial proportion of the three spheres and of their circular regular pores = 1 : 2 : 4. All three spheres connected by twelve regularly disposed radial beams.

*Dimensions*.—Diameter of the outer shell 0·1, middle 0·05, inner 0·025; cortical pores 0·006, bars 0·003.

*Habitat*.—Cosmopolitan; Mediterranean, Atlantic, Indian, Pacific, at many Stations and at various depths.

6. *Thecosphæra æquorea*, Haeckel.

*Haliomma æquorea*, Ehrenberg, 1844, Monatsber. d. k. preuss. Akad. d. Wiss. Berlin, p. 83; Mikrogeol., 1854, Taf. xxii. fig. 35.

*Actinomma æquorea*, Haeckel, 1862, Monogr. d. Radiol., p. 443.

Cortical shell thick walled, smooth, with regular circular pores of the same breadth as the bars. Radial proportion of the three spheres and of their regular pores = 1 : 2 : 6 or = 1 : 3 : 9; they are connected by six radial beams, opposite by pairs in the three dimensive axes.

*Dimensions*.—Diameter of the outer shell 0·08 to 0·12, middle 0·03 to 0·04, inner 0·09 to 0·12; cortical pores and bars about 0·006.

*Habitat*.—Mediterranean, Corfu, surface; fossil in Greece and Sicily.

7. *Thecosphæra medusa*, Haeckel.

*Haliomma medusa*, Ehrenberg, 1838, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 130; Mikrogeol., 1854, Taf. xxii. figs. 33, 34.

*Actinomma medusa*, Haeckel, 1862, Monogr. d. Radiol., p. 444.

*Actinomma medusa*, Stöhr, 1880, Palæontogr., Bd. xxvi. p. 90, Taf. ii. fig. 3.

Cortical shell thick walled, rough or thorny, with regular circular pores of the same breadth as the bars. Radial proportion of the three spheres = 1 : 2 : 4 (or 1 : 2, 5 : 6); they are connected by four radial beams, crossed by pairs in two diameters, perpendicular one to another.

*Dimensions*.—Diameter of the outer shell 0·08 to 0·12, middle 0·04 to 0·06, inner 0·02 to 0·025; cortical pores and bars in average 0·005.

*Habitat*.—Fossil in Tertiary rocks of Barbados and the Mediterranean.