

3. *Siphonosphæra tubulosa*, J. Müller (Pl. 6, fig. 4).

*Siphonosphæra tubulosa*, J. Müller, 1858, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 59.

*Siphonosphæra tubulosa*, Haeckel, 1862, Monogr. d. Radiol., p. 532.

*Collosphæra tubulosa*, J. Müller, 1858, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 59.

*Thalassicolla punctata*, var., Huxley, 1851, Ann. and Mag. Nat. Hist., ser. 2, vol. viii. p. 435, pl. xvi. fig. 5.

Shell subspherical or roundish, somewhat irregular, occupied by a small number (five to ten) of short cylindrical tubules, irregularly scattered at great distances; intervals between the tubules very large, two to four times as broad as the length of the tubules, which is equal to their breadth and about one-fifth or one-sixth of the shell diameter. Only two or three tubules in the half meridian of the shell.

*Dimensions*.—Diameter of the shell 0·12 to 0·15, length and breadth of the tubules 0·02 to 0·03.

*Habitat*.—Equatorial zone of the Pacific, Stations 225, 265, 268, surface.

4. *Siphonosphæra cyathina*, n. sp. (Pl. 6, fig. 10).

Shell a regular sphere, everywhere occupied by short cup-like tubules of somewhat different size. In the half meridian of the shell about ten to twelve tubules, nearly cylindrical, but constricted in the middle. Inner and outer aperture of the tubule of the same size; their diameter equal to their length and distance.

*Dimensions*.—Diameter of the shell 0·1 to 0·12, length and breadth of the tubules 0·005 to 0·01.

*Habitat*.—West coast of Tropical Africa, Stations 348 to 352, surface.

5. *Siphonosphæra patinaria*, n. sp. (Pl. 6, figs. 7, 8).

Shell a regular or subregular sphere, occupied by numerous broad cup-like tubules of very different sizes. In the half meridian of the shell about six to eight tubules, very flat, circular or subcircular, much constricted in the middle. Diameter of the inner aperture larger than that of the middle stricture, smaller than that of the outer aperture of the tubule; outer diameter two to four times as great as their length.

*Dimensions*.—Diameter of the shell 0·1 to 0·15, of the pores 0·01 to 0·04; length of the tubules 0·01, breadth 0·02 to 0·04.

*Habitat*.—Tropical Atlantic, Station 348, depth 2450 fathoms.

6. *Siphonosphæra infundibulum*, n. sp.

Shell subspherical or irregular rounded, occupied by a small number (six to twelve) of large funnel-like tubules of very different size, scattered irregularly at great distances. Intervals between the tubules larger than their length, which surpasses the radius of the shell. Outer opening of the funnels three to four times as broad as the inner.

*Dimensions*.—Diameter of the shell 0·15; length of the tubules 0·05 to 0·09.

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