

3. *Ethmosphæra polysiphonia*, n. sp. (Pl. 12, fig. 6).

Tubuli conical, their outer opening three-fourths as broad as the inner and three times as broad as their height. Sixteen to eighteen pores on the quadrant. Diameter of the outer pores three times as large as their distance apart.

*Dimensions*.—Diameter of the shell 0·2, outer pores 0·008, their distance 0·003.

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

Subgenus 2. *Ethmosphæromma*, Haeckel.

*Definition*.—Tubuli cylindrical, their outer opening about as large as the inner.

4. *Ethmosphæra stenosisiphonia*, n. sp.

Tubuli cylindrical, short, quite contiguous, so that their diameter is six times as large as their distance apart, but about equal to their height. Nine to ten pores on the quadrant.

*Dimensions*.—Diameter of the shell 0·14, outer pores 0·012, their distance 0·002.

*Habitat*.—Central Pacific, Station 271, surface.

5. *Ethmosphæra pachysiphonia*, n. sp.

Tubuli cylindrical, twice as long as broad, very thick-walled, and nearly contiguous, so that their diameter is five times as large as their distance apart. The thickness of their wall is equal to their lumen. Twelve to fourteen pores on the quadrant.

*Dimensions*.—Diameter of the shell 0·16, outer pores 0·01, their distance 0·002.

*Habitat*.—Central Pacific, Station 265, depth 2900 fathoms.

6. *Ethmosphæra leptosiphonia*, n. sp.

Tubuli cylindrical, short, about as long as broad, very thin-walled and fragile, separated by wide distances, which are three times as large as their diameter. Six to seven pores on the quadrant. (Very similar to *Siphonosphæra cyathina*, Pl. 6, fig. 10, but quite regular, all tubuli retaining the same size and distance.)

*Dimensions*.—Diameter of the shell 0·12, outer pores 0·01, their distance 0·03.

*Habitat*.—North Atlantic, Færøe Channel, John Murray; surface.

7. *Ethmosphæra macrosiphonia*, n. sp.

Tubuli cylindrical, very elongated, four times as long as broad; their bases separated by distances which are equal to their breadth. Eight to ten tubuli on the quadrant. (The tubes are similar to those of *Siphonosphæra serpula*, Pl. 6, fig. 6, but quite regular, straight, not curved, all of the same size and at equal distances apart.)