

15. *Aulosphæra bifurca*, n. sp.

Radial tubes cylindrical, straight, thorny, twice as long as the smooth, cylindrical, tangential tubes, forked at the distal end, with two curved, convergent, thorny, terminal branches. (Similar to *Aulastrum dendroceros*, Pl. 111, figs. 4a–4c, but with longer and more spinulate branches.)

*Dimensions*.—Diameter of the sphere 3·2; tangential tubes 0·25 long, 0·01 broad.

*Habitat*.—North Pacific, Station 239, surface.

16. *Aulosphæra trifurca*, n. sp. (Pl. 109, fig. 9).

Radial tubes cylindrical, straight, thorny, about as long as the smooth, cylindrical, tangential tubes, forked at the distal end, with three curved, convergent, terminal branches.

*Dimensions*.—Diameter of the sphere 2·5 to 3·0; tangential tubes 0·2 long, 0·01 broad.

*Habitat*.—North Pacific, Station 240, surface.

17. *Aulosphæra quadrifurca*, n. sp.

Radial tubes cylindro-conical, straight, about as long as the smooth, cylindrical, tangential tubes; studded with numerous irregular lateral branches in the distal half, and armed at the distal end with a cross of four divergent, forked, terminal branches.

*Dimensions*.—Diameter of the sphere 4·2; tangential tubes 0·2 long, 0·01 broad.

*Habitat*.—Indian Ocean, Madagascar (Rabbe), surface.

18. *Aulosphæra multifurca*, n. sp.

Radial tubes cylindrical, more or less curved, three to four times as long as the smooth, often curved, tangential tubes; studded with numerous forked, irregular, lateral branches, and armed at the distal end with a verticil of twelve to sixteen divergent, forked, terminal branches.

*Dimensions*.—Diameter of the sphere 1·2; tangential tubes 0·06 long, 0·003 broad.

*Habitat*.—Arctic Ocean, Greenland (Ollrik), surface.

19. *Aulosphæra coronata*, n. sp.

Radial tubes spindle-shaped, tapering from the thicker middle part towards both ends, twice as long as the thorny tangential tubes, studded with numerous irregular, curved, lateral spines, and bearing at the distal end a corona of twenty to twenty-five divergent, curved, terminal branches. (Similar to *Auloscena flammabunda*, Pl. 110, fig. 4.)

*Dimensions*.—Diameter of the sphere 3·0; tangential tubes 0·2 long, 0·08 broad.

*Habitat*.—Tropical Atlantic, Station 347, surface.