

21. *Aulographis dentata*, n. sp. (Pl. 103, fig. 20).

Radial tubes slender, cylindrical, equally broad, scarcely inflated at the distal end. Terminal branches six to eight, curved, disposed in a corona around a straight central branch, eight to ten times as long as the tube is broad, armed with numerous stout recurved lateral denticles and with a terminal spathilla of five or six recurved teeth.

*Dimensions*.—Length of the tubes 1.5 to 2.5, breadth 0.03; branches 0.15 to 0.2 long.

*Habitat*.—North Atlantic, Station 354, depth 1675 fathoms.

22. *Aulographis pulvinata*, n. sp. (Pl. 103, fig. 26).

Radial tubes club-shaped, straight, gradually thickened towards the distal end, which bears a broad, circular, biconvex cushion. The margin of this cushion bears two alternating verticils of radially divergent, straight, terminal branches, which are twice to three times as long as the tube is broad. Each branch is armed with two opposite lateral rows of numerous small denticles, and bears a terminal spathilla with six to eight recurved radial teeth.

*Dimensions*.—Length of the tubes 2.0 to 2.4, distal breadth 0.03 to 0.07; branches 0.05 to 0.08 long.

*Habitat*.—South-east Pacific (off Valparaiso), Station 298, depth 2225 fathoms.

23. *Aulographis tripentas*, n. sp. (Pl. 105, fig. 13, 13a).

Radial tubes club-shaped, straight, thickened towards the inflated distal end, which bears three alternating verticils of terminal branches, each with five radial branches. The ten branches of the inner and outer verticils are perradial, smooth; the alternating five branches of the middle verticil are armed with recurved lateral denticles. Each of the fifteen branches bears a terminal spathilla with five to seven recurved teeth.

*Dimensions*.—Length of the spines 2.0 to 2.5, distal breadth 0.03 to 0.06; branches 0.1 long.

*Habitat*.—South-east Pacific (off Juan Fernandez), Station 299, depth 2160 fathoms.

24. *Aulographis verticillata*, n. sp. (Pl. 105, fig. 12, 12a).

Radial tubes cylindrical, equally broad, with an inflated ellipsoidal knob at the distal end. This knob bears twenty to thirty slender, slightly curved, terminal branches, which are regularly arranged in five radial or meridional rows, and in four to six concentric verticils. The branches are five to ten times as long as the tube is broad, and armed with two opposite rows of lateral denticles, and with a terminal spathilla of six to eight recurved teeth.

*Dimensions*.—Length of the tubes 1.5 to 1.8, breadth 0.01 to 0.02; branches 0.5 to 1.0 long.

*Habitat*.—South Pacific, Station 293, depth 2025 fathoms.

25. *Aulographis serrulata*, n. sp. (Pl. 103, fig. 27).

Radial tubes club-shaped, curved, thickened towards the inflated ellipsoidal distal end, which bears a bunch of fifteen to twenty-five terminal branches, arranged more or less regularly in radial