

3. *Aulopathis quadrifurca*, n. sp.

Radial tubes with an inflated ovate terminal knob at the distal end, which bears four crossed, divergent, curved terminal branches. Proximal whorl also rather regular, with a cross of four straight lateral branches.

*Dimensions*.—Length of the tubes 3.0 to 4.0, breadth 0.04 to 0.08; branches 0.2 to 0.3.

*Habitat*.—South Pacific, Station 291, depth 2250 fathoms.

4. *Aulopathis polymorpha*, n. sp. (Pl. 104, figs. 10–13).

Radial tubes with an inflated ovate terminal knob at the distal end, which bears a variable number of divergent, curved, irregular, terminal branches. Usually the majority of the tubes bear three branches, whilst others exhibit two or four, sometimes also five or six. Proximal whorl also very variable and irregular, with two to six, usually three or four unequal branches.

*Dimensions*.—Length of the tubes 2.0 to 4.0, breadth 0.04 to 0.06; branches 0.1 to 0.3.

*Habitat*.—South Pacific, Station 289, depth 2550 fathoms.

Subgenus 2. *Aulopathilla*, Haeckel.

*Definition*.—Distal ends of the radial tubes of equal breadth or tapering gradually, not inflated, without terminal knobs.

5. *Aulopathis diodon*, n. sp.

Radial tubes without inflated terminal knob, forked at the tapering distal end, with two divergent curved branches of equal size. Proximal whorl cruciate, with four rather equal, crossed, straight, lateral branches (sometimes three or five instead of four in single tubes).

*Dimensions*.—Length of the tubes 2.0 to 2.5, breadth 0.03 to 0.04; branches 0.1 to 0.3.

*Habitat*.—North Pacific, Station 231, depth 2250 fathoms.

6. *Aulopathis triodon*, n. sp. (Pl. 104, fig. 8).

Radial tubes without inflated terminal knob, with three divergent, slightly curved, terminal branches. Proximal whorl with a variable number of curved lateral branches, usually also three (often two or four, rarely more).

*Dimensions*.—Length of the tubes 2 to 3, breadth 0.03 to 0.05; branches 0.2 to 0.3.

*Habitat*.—North Pacific, Stations 250 to 253, depth 2740 to 3125 fathoms.