

2. *Acanthometron cylindricum*, n. sp. (Pl. 130, fig. 2).

Spines cylindrical, thick and long, at the central base thickened with a pear-shaped knob, and with very small central fulcral pyramid, without leaf-cross. Distal apex rounded or truncated. Central capsule opaque, filled with red pigment-bodies.

*Dimensions*.—Length of the spines 0·4 to 0·8, breadth 0·01 to 0·015.

*Habitat*.—Central Pacific, Stations 266 to 274, surface.

3. *Acanthometron fuscum*, J. Müller.

*Acanthometra fusca*, J. Müller, 1858, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 47, Taf. xi. fig. 4.

*Acanthometra fusca*, Haeckel, 1862, Monogr. d. Radiol., p. 377.

Spines very thin and long, in the proximal half cylindrical, in the distal half conical, gradually thinned towards the simple conical apex. Central base a small four-sided pyramid, without leaf-cross. Central capsule opaque, filled with brown pigment-bodies.

*Dimensions*.—Length of the spines 0·2 to 0·4, breadth 0·002 to 0·004.

*Habitat*.—Mediterranean (Cette, Portofino, Messina).

4. *Acanthometron bulbosum*, Haeckel.

*Acanthometra bulbosa*, Haeckel, 1862, Monogr. d. Radiol., p. 377, Taf. xv. fig. 2, Taf. xviii. fig. 2.

Spines very thin and long, cylindrical, with simple needle-shaped apex; in the basal part conical, towards the centre much thickened, with a short four-sided fulcral pyramid, without leaf-cross. Central capsule opaque, filled with brown pigment-bodies.

*Dimensions*.—Length of the spines 0·3 to 0·5, breadth in the middle and outer part 0·001, in the basal part 0·008 to 0·012.

*Habitat*.—Mediterranean; Atlantic, Station 354, surface.

5. *Acanthometron dolichoscion*, Haeckel (Pl. 129, figs. 6–8).

*Acanthometra dolichoscia*, Haeckel, 1862, Monogr. d. Radiol., p. 377, Taf. xviii. figs. 3a, 3b.

Spines very long and thin, cylindrical, in the thickened outer half about twice as thick as in the thin inner half, at the simple apex compressed, two-edged. Central base little thickened, with a small four-sided pyramid, without leaf-cross. Central capsule transparent, whitish or yellowish.

*Dimensions*.—Length of the spines 0·6 to 0·8, breadth in the proximal part 0·004, in the distal part 0·008.

*Habitat*.—Mediterranean (Messina, Portofino), surface.

6. *Acanthometron conicum*, n. sp.

Spines short and thick, conical, gradually thinner from the thick conical base towards the simple apex. Central part of the base with a large fulcral pyramid, but without leaf-cross. Central capsule transparent, colourless (?).

*Dimensions*.—Length of the spines 0·08 to 0·12, basal breadth 0·02.

*Habitat*.—North Pacific, Station 244, surface.