

7. *Amphilonche elongata*, Haeckel.

*Amphilonche elongata*, Haeckel, 1862, Monogr. d. Radiol., p. 392, Taf. xviii. figs. 22a, 22b.

*Acanthometra elongata*, J. Müller, 1858, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 48, Taf. vii. fig. 13.

Two principal spines quadrangular prismatic in the proximal half, cylindrical or spindle-shaped in the distal half, with simple apex; base a small pyramid, without leaf-cross. Eighteen smaller spines very thin, bristle-shaped, conical on the base, with small pyramid. Central capsule spindle-shaped, transparent, yellow.

*Dimensions*.—Length of the two major spines 0·3 to 0·5, breadth 0·01 to 0·03; length of the eighteen smaller spines 0·05 to 0·3.

*Habitat*.—Cosmopolitan; Mediterranean, Atlantic, Indian, Pacific, surface.

Subgenus 2. *Amphilonchidium*, Haeckel.

*Definition*.—Spines at the central base with a broad leaf-cross, composed of four prominent triangular lamellæ; between the meeting edges of the latter twenty-two pyramidal compartments or basal funnels.

8. *Amphilonche ovata*, Haeckel.

*Amphilonche ovata*, Haeckel, 1862, Monogr. d. Radiol., p. 390.

*Acanthometra ovata*, J. Müller, 1858, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 47, Taf. vii. fig. 10, Taf. ix. fig. 4.

Two principal spines cylindrical, of equal breadth throughout their whole length, with simple conical or bifid apex; base with a large leaf-cross of double the breadth. Eighteen smaller spines of the same form, but thinner and only half as long. Central capsule ellipsoidal, brown, opaque.

*Dimensions*.—Length of the two major spines 0·3 to 0·4, breadth 0·008 to 0·012; length of the eighteen minor spines 0·1 to 0·2.

*Habitat*.—Cosmopolitan; Mediterranean, Atlantic, Pacific, surface.

9. *Amphilonche conica*, n. sp. (Pl. 132, fig. 6).

Two principal spines conical, elongate, with simple apex; base thickened, with large leaf-cross. Eighteen smaller spines also conical, of about the same basal breadth, but only one-fourth to one-half as long. Central capsule ellipsoidal, pellucid.

*Dimensions*.—Length of the two major spines 0·15 to 0·2, basal breadth 0·03 to 0·04; length of the eighteen minor spines 0·05 to 0·1.

*Habitat*.—Central Pacific, Stations 265 to 274, surface.