

10. *Amphilonche lancetta*, n. sp.

Two principal spines compressed, lanceolate, two edged, gradually tapering from the broader middle towards the two ends; apex simple; base of double the breadth, with a large leaf-cross. Eighteen smaller spines of the same form, but shorter and only half as broad. Central capsule lentelliptical, pellucid.

*Dimensions*.—Length of the two major spines 0·2 to 0·3, breadth in the middle part 0·02 to 0·03; length of the eighteen smaller spines 0·1 to 0·2.

*Habitat*.—South Pacific, Station 288, surface.

11. *Amphilonche complanata*, Haeckel.

*Amphilonche complanata*, Haeckel, 1862, Monogr. d. Radiol., p. 390, Taf. xvi. fig. 3, Taf. xviii. fig. 18, a, b.

*Acanthometra complanata*, Haeckel, 1860, Monatsber. d. k. preuss. Akad. d. Wiss. Berlin, p. 808.

Two principal spines compressed, two-edged, linear, of equal breadth throughout their whole length; apex emarginate or bifid; base with a large leaf-cross of double the breadth. Eighteen smaller spines of the same form, but only one-fourth to one-half as large. Central capsule ellipsoidal, yellow, pellucid.

*Dimensions*.—Length of the two major spines 0·15 to 0·25, breadth 0·004 to 0·006; length of the eighteen minor spines 0·05 to 0·1.

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

12. *Amphilonche messanensis*, Haeckel.

*Amphilonche messanensis*, Haeckel, 1862, Monogr. d. Radiol., p. 391, Taf. xvi. fig. 4, Taf. xviii. fig. 19.

*Acanthometra messanensis*, Haeckel, 1860, Monatsber. d. k. preuss. Akad. d. Wiss. Berlin, p. 808.

Two principal spines quadrangular prismatic, often a little compressed from two sides, of nearly equal breadth throughout their whole length; apex either truncate or emarginate, with two opposite teeth; base with a large leaf-cross of double the breadth. Eighteen smaller spines of similar form or more compressed, much shorter. Central capsule spherical or ellipsoidal, yellow, transparent.

*Dimensions*.—Length of the two major spines 0·12 to 0·18, breadth 0·016; length of the minor spines 0·5 to 0·09.

*Habitat*.—Mediterranean (Messina, Corfu), Haeckel, surface.

13. *Amphilonche hydrotomica*, n. sp. (Pl. 132, fig. 2).

Two principal spines quadrangular prismatic, with four broad prominent lamellar edges or wings, of equal breadth throughout their whole length; apex pyramidal; base with a large leaf-cross. Eighteen smaller spines cylindrical or bristle-shaped, only half as long and very thin. Central capsule cylindrical or spindle-shaped, very long, opaque.