

*Dimensions*.—Diameter of the capsules 0·1 to 0·3, length of the spicula 0·1 to 0·2.

*Habitat*.—North Pacific, Station 248, surface.

Genus 14. *Rhaphidozoum*,<sup>1</sup> Haeckel, 1862, Monogr. d. Radiol., p. 529.

*Definition*.—Sphærozoida with two or more different kinds of spicula; one kind simple, needle-shaped; the other kinds compound, radiate, or branched.

The genus *Rhaphidozoum* differs from *Sphærozoum* by the composition of the skeleton of two or more different kinds of spicula, and has therefore the same relation to it as the solitary *Lampoxanthura* to *Lampoxanthella*.

In some species nearly all the different forms, which characterise the numerous species of *Beloidea*, may be united in one and the same individual.

Subgenus 1. *Rhaphidonactis*, Haeckel.

*Definition*.—Spicula of two different kinds; one kind simple, needle-shaped, the other radiate (composed of three, four, or more shanks, diverging from one common point).

1. *Rhaphidozoum pelagicum*, n. sp.

Spicula of two different kinds; one kind simple thin needles, a little curved or bent, the other kind triradiate, with three thin, curved shanks. Both kinds smooth, without thorns. Resembles a combination of *Belonozoum italicum* and *Sphærozoum triactinium*.

*Dimensions*.—Diameter of the central capsules 0·1 to 0·12, length of the spicula 0·05 to 0·15.

*Habitat*.—Central Pacific, Station 267, surface.

2. *Rhaphidozoum pacificum*, n. sp.

Spicula of two different kinds; one kind simple needles, stout and straight, pointed at both ends, the other kind triradiate, with three straight and stout shanks. Both kinds thorny.

*Dimensions*.—Diameter of the central capsule 0·06 to 0·08, length of the spicula 0·05 to 0·1.

*Habitat*.—Central Pacific, Station 271, surface.

3. *Rhaphidozoum acuferum*, Haeckel.

*Rhaphidozoum acuferum*, Haeckel, 1862, Monogr. d. Radiol., p. 529, Taf. xxxii. figs. 9–11.

*Sphærozoum acuferum*, J. Müller, 1858, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 54, Taf. viii. fig. 3.

*Thalassicolla acuferum*, J. Müller, 1855, Monatsber. d. k. preuss. Akad. d. Wiss. Berlin, p. 237.

Spicula of two different kinds, simple needles and quadriradiate; both strong, thorny, covered with small spinules. Simple needles mostly curved, C-shaped. Four shanks of the quadriradiate

<sup>1</sup> *Rhaphidozoum* = Needle-animal; ῥαφίς, ζῶον.