

and forming a larger lanceolate disk of looser framework. (Similar in form to *Amphymenium pupula*, Pl. 44, fig. 8, but with an irregular spongy framework and pointed ends.)

Dimensions—Radius of the arms 0·16, breadth 0·05; major axis of the lanceolate patagium 0·32, minor axis 0·12.

Habitat—Pacific, central area, Station 270, surface.

Genus 262. *Rhopalodictyum*,¹ Ehrenberg, 1860, Monatsber. d. k. preuss. Akad. d. Wiss. Berlin, p. 830.

Definition.—Spongodiscida with three spongy arms on the margin of the circular or triangular disk, without a connecting patagium.

The genus *Rhopalodictyum* comprises those very common forms of Spongodiscida in which the margin of the disk is provided with three simple, free, spongy arms. It corresponds to *Dictyastrum* and *Rhopalastrum* among the Porodiscida, to *Trigonactura* among the Coccodiscida. The typical species of this genus is *Rhopalodictyum abyssorum* of Ehrenberg, the only species figured by him. His diagnosis of the genus was very insufficient, and agreed with that of his *Dictyastrum* (compare above the improved diagnosis of this genus, p. 526, and my Monograph, p. 466).

Subgenus 1. *Rhopalodictya*, Haeckel.

Definition.—Triangular shell regular, with three arms of equal size and equidistant.

1. *Rhopalodictyum abyssorum*, Ehrenberg.

Rhopalodictyum abyssorum, Ehrenberg, 1872, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 299, Taf. viii. fig. 17.

Arms of equal size and equidistant, club-shaped, about as long as the diameter of the triangular central disk, and a little longer than the breadth of the pear-shaped rounded distal end. Surface rough.

Dimensions.—Radius of the arms 0·11, basal breadth 0·03, distal breadth 0·06.

Habitat.—Cosmopolitan; Atlantic, Indian, Pacific; tropical zone, surface.

2. *Rhopalodictyum truncatum*, Ehrenberg.

Rhopalodictyum truncatum, Ehrenberg, 1861, Monatsber. d. k. preuss. Akad. d. Wiss. Berlin, p. 301.

? *Dictyastrum angulatum*, Ehrenberg, 1872, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 289, Taf. viii. fig. 18.

Arms of equal size and equidistant, nearly square, with straight edges, towards the truncated end a little broader, about of the same diameter as the central triangular disk. This species is indicated

¹ *Rhopalodictyum* = Network with clubs; ῥόπαλον, δίκτυον.