

Genus 206. *Trigonactura*,<sup>1</sup> Haeckel, 1881, Prodrömus, p. 459.

*Definition*.—Coccodiscida with three chambered arms on the margin of the circular or triangular disk, without a connecting patagium.

The genus *Trigonactura* exhibits three radial arms, which in all known species are separated by three equal angles. The terminal points of the arm-axes are the corners of an equilateral triangle. It corresponds therefore to *Dictyastrum* among the Porodiscida.

Subgenus 1. *Trigonacturium*, Haeckel.

*Definition*.—Distal end of the arms blunt or truncated, without a terminal spine.

1. *Trigonactura pythagoræ*, Haeckel.

*Astromma pythagoræ*, Ehrenberg, 1875, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 66, Taf. xxx. fig. 2.

Phacoid shell circular, twice as broad as the medullary shell, with five pores on its radius, without a completely surrounding chambered girdle. Arms nearly square, at the truncated distal end as broad as long, and scarcely broader than at the base, two-thirds as long as the diameter of the central disk.

*Dimensions*.—Diameter of the phacoid shell 0·1, of the medullary shell 0·05; length of the arms 0·07, distal breadth 0·07.

*Habitat*.—Cosmopolitan; Atlantic, Indian, Pacific, in various depths; also fossil in Tertiary rocks of Barbados and Nicobar.

2. *Trigonactura rhopalastrella*, n. sp.

*Stephanastrum* sp., Bury, 1862, Polycystins of Barbados, pl. xv. fig. 7.

Phacoid shell twice as broad as the medullary shell, with five pores on its radius, without a perfect chambered ring around it. Arms club-shaped, at the blunt distal end rounded, as long as the diameter of the phacoid shell; their basal breadth is one-fourth, their distal breadth one-half of its length.

*Dimensions*.—Diameter of the phacoid shell 0·1, of the medullary shell 0·05; length of the arms 0·1, basal breadth 0·025, distal breadth 0·05.

*Habitat*.—Pacific, central area, Stations 270 to 274, depths 2400 to 2800 fathoms; also fossil in Tertiary rocks of Barbados.

<sup>1</sup> *Trigonactura* = Triangular shell with three rays; τριγωνον, άκρίς, άρά.