

3. *Pylodiscus cardiopylus*, n. sp.

Cortical shell hexangular, equilateral, five times as broad as the triangular, *Triopyle*-shaped medullary shell. Surface smooth. Three arms triangular, at the distal end as broad as the three heart-shaped gates. On the margin six strong pyramidal spines in the equatorial plane (adradial, as prolongations of the lateral arm-edges).

Dimensions.—Diameter of the disk 0.15, of the gates 0.05.

Habitat.—Indian Ocean, Sunda Strait, Rabbe.

4. *Pylodiscus nephropyus*, n. sp.

Cortical shell circular, three times as broad as the circular, *Triopyle*-shaped medullary shell. Surface spiny. Three arms trapezoidal, half as broad as the three kidney-shaped gates. On the margin twelve stronger, conical, radial spines, opposite in pairs on both sides of the disk, disposed in six pairs at the distal end of the arms.

Dimensions.—Diameter of the disk 0.2, of the medullary shell 0.06.

Habitat.—Central Pacific, Station 268, depth 2900 fathoms.

Subfamily 3. DISCOPYLIDA, Haeckel.

Definition.—Pylodiscida with *Triopyle*-shaped medullary shell and *Pylodiscus*-shaped cortical shell, which is surrounded by a marginal chambered equatorial girdle.

Genus 251. *Discozonium*,¹ n. gen.

Definition.—Pylodiscida with *Triopyle*-shaped medullary shell and *Pylodiscus*-shaped cortical shell, which is surrounded by an equatorial chambered girdle. No peculiar osculum on the margin of the disk.

The genus *Discozonium* and the following *Discopyle* make up together the small group of the Discopylida, or those Pylodiscida in which a discoidal shell like *Pylodiscus* is surrounded by a marginal equatorial girdle; this girdle is divided into twelve to twenty-four or more chambers by radial beams, which are the external prolongations of the radial marginal spines of *Pylodiscus*. The latter genus bears therefore to *Discozonium* the same relation as *Sethodiscus* in the other Discoidea does to *Lithocyclia*, or *Phacodiscus* to *Coccodiscus*.

1. *Discozonium cyclonium*, n. sp.

Disk circular, lenticular, with smooth margin, three times as broad as the triangular, *Triopyle*-shaped medullary shell. Three gates of the cortical shell kidney-shaped, twice as broad as the three

¹ *Discozonium* = Disk with girdle; δίσκος, ζώνιον.