

3. *Hexaloncharium hystricinum*, n. sp.

Cortical shell spherical, three times as broad as the medullary shell, and densely covered with oblique bristle-shaped by-spines. Pores irregular roundish. Two opposite major spines three-sided prismatic, longer than the shell diameter; four minor spines pyramidal, scarcely half as long as the shell radius. (Somewhat similar to *Hexalonche hystricina*, but distinct in the prolongation of two major spines.)

*Dimensions*.—Diameter of the outer shell 0·15, inner 0·05; length of the two major spines 0·2, four minor 0·03, basal breadth 0·02.

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

Genus 78. *Hexalonchidium*,<sup>1</sup> Haeckel, 1881, Prodrömus, p. 451.

*Definition*.—Cubosphærida with two concentric lattice-spheres and six simple spines of different sizes in pairs; the two opposite spines of each pair equal, the three pairs unequal.

The genus *Hexalonchidium* exhibits the same relation to *Hexalonche* that *Hexastylidium* bears to *Hexastylus*; the growth of the three spine-pairs is different, whilst both spines of each pair are equal; they correspond therefore to the three axes of a rhombic crystal.

1. *Hexalonchidium axonometrum*, n. sp.

Cortical shell thin walled, covered with short bristle-shaped by-spines, twice as broad as the medullary shell; both with regular hexagonal meshes, twice to three times as broad as the bars (inner meshes half as broad as the outer). All three spine-pairs three-sided prismatic, of very different length but of equal breadth (equal to three pores). Major spine-pair twice as long as the shell diameter; middle pair about equal to the latter, minor scarcely half as long. (Similar to *Hexaloncheanaximandri*, Pl. 22, fig. 5, but distinct in the different length of the spines.)

*Dimensions*.—Diameter of the outer shell 0·12, inner 0·06; length of the major spines 0·25, middle 0·1, minor 0·04.

*Habitat*.—Indian Ocean, Madagascar, surface, Rabbe.

Subfamily HEXACONTIDA,<sup>2</sup> Haeckel, 1881, Prodrömus, pp. 449, 452.

*Definition*.—Cubosphærida with three concentric, spherical, or octahedral lattice-shells.

<sup>1</sup> *Hexalonchidium* = Shell with six spears; derivation from *Hexalonche*.

<sup>2</sup> Hexacontida = Cubosphærida triplicia = Triosphærida hexacantha.