

Dimensions.—Diameter of the outer shell 0.24, middle 0.06, inner 0.02; cortical pores 0.007 to 0.015, bars 0.004; length of the spines 0.12.

Habitat.—Central Pacific, Station 274, depth 2750 fathoms.

Subfamily STAUCROMYIDA,¹ Haeckel, 1881, Prodrömus, pp. 449, 453.

Definition.—Staurosphærida with four concentric spherical lattice-shells.

Genus 68. *Staurocromyum*,² Haeckel, 1881, Prodrömus, p. 453.

Definition.—Staurosphærida with four concentric lattice-spheres and four crossed, equal, simple spines.

The genus *Staurocromyum* has arisen probably from *Stauracontium* by duplication of the cortical shell, two concentric shells lying within, two others outside the central capsule.

1. *Staurocromyum quadruplex*, n. sp.

Radial proportion of the four spheres = 1 : 2 : 8 : 10. Both medullary shells with very small, regular, circular pores. Inner cortical shell with regular, circular, hexagonally-framed pores, twice as broad as the bars; from each hexagon-corner arises a small by-spine, and these, connected by tangential branches at equal distances from the centre, form the delicate outer cortical shell, with spiny surface. Four main spines three-sided pyramidal, as long as the shell radius.

Dimensions.—Diameter of the four shells—(A) 0.25, (B) 0.2, (C) 0.05, (D) 0.025; length of the spines 0.12.

Habitat.—Central Pacific, Station 271, depth 2425 fathoms.

2. *Staurocromyum quadrispinum*, n. sp.

Radial proportion of the four spheres = 1 : 3 : 9 : 12. Both medullary shells with small, regular, circular pores. Both cortical shells with irregular, roundish pores. Surface covered with short, conical by-spines. Four main spines cylindro-conical, somewhat longer than the shell diameter:

Dimensions.—Diameter of the four shells—(A) 0.24, (B) 0.18, (C) 0.06, (D) 0.02.

Habitat.—Central Pacific, Station 265, depth 2900 fathoms.

Genus 69. *Cromyostaurus*,³ Haeckel, 1881, Prodrömus, p. 453.

Definition.—Staurosphærida with four concentric lattice-spheres and four crossed, equal, branched spines.

¹ Staurocromyida = Staurosphærida quadruplicia = Tetrasphærida tetracantha.

² *Staurocromyum* = Cross-onion; σταυρός, κρόμμυον.

³ *Cromyostaurus* = Onion-cross; κρόμμυον, σταυρός.