

Dimensions.—Diameter of the four shells—(A) 0·16, (B) 0·08, (C) 0·04, (D) 0·013; length of the spines 0·03 to 0·04, breadth 0·007.

Habitat.—Central Pacific, Station 272, depth 2600 fathoms.

2. *Cromyodrymus abietinus*, n. sp. (Pl. 30, fig. 6).

Radial proportion of the four shells = 1:2:5:11. All four shells with irregular, roundish pores, twice to four times as broad as the bars. Radial proportion of the pores in the four shells = 9:3:2:1. Radial spines eighty to one hundred and twenty, about as long as the radius, branched like a pine tree, with six to twelve ramified branches.

Dimensions.—Diameter of the four shells—(A) 0·22, (B) 0·1, (C) 0·04, (D) 0·02; length of the spines 0·12, breadth 0·006.

Habitat.—South-east Pacific (Juan Fernandez), Station 299, surface.

Subfamily CARYOMMIDA,¹ Haeckel.

Arachnosphaerida, Haeckel, 1862, Monogr. d. Radiol., p. 354; Prodrömus, 1881, p. 454.

Definition.—*Astrosphaerida* with five or more concentric spherical lattice-shells.

Genus 107. *Caryomma*,² n. gen.

Definition.—*Arachnosphaerida* with five to six or more concentric spherical lattice-shells; two inner (intracapsular) medullary and three or more outer (extracapsular) cortical shells, composed of ordinary lattice-work; distance between the former and the latter greater than between any other two shells.

The genus *Caryomma* may be regarded as a *Cromyomma*, in which the number of the cortical shells is increased to three, four, or more. These lie outside the central capsule, whilst two medullary shells lie within it, and are connected with the former by numerous radial spines piercing the wall of the capsule. The ordinary lattice-work is not arachnoidal, as in the three following genera.

1. *Caryomma regulare*, n. sp.

Radial proportion of the five shells = 1:2:6:8:10. All five shells with regular, circular pores, twice to three times as broad as the bars, and gradually increasing in size from the innermost to the outermost shell. Radial beams connecting them twenty, prolonged on the surface into twenty stout, three-sided pyramidal, radial spines, half as long as the radius, regularly disposed.

Dimensions.—Diameter of the five shells—(A) 0·25, (B) 0·2, (C) 0·15, (D) 0·05, (E) 0·025.

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

¹ *Caryommida* = *Astrosphaerida multiplica* = *Polysphaeria polyacantha*.

² *Caryomma* = Nut-eye; κάρυον, ὄμμα.