

Dimensions.—Length of the shell (without spines) 0·13, breadth 0·1, thickness 0·07; pores and bars 0·004 to 0·006.

Habitat.—Pacific, central area, Station 273, surface.

Subfamily 2. COCCOLARCIDA, Haeckel.

Definition.—Larcarida with encased lentelliptical shell, composed of two or more concentric lentelliptical latticed shells, which are united by radial beams (at least one inner medullary shell and one outer cortical shell).

Genus 268. *Coccolarcus*,¹ n. gen.

Definition.—Larcarida with two concentric latticed shells, an outer lentelliptical cortical shell, and an inner (spherical or lentelliptical) medullary shell, both connected by radial beams. Surface without radial spines.

The genus *Coccolarcus* differs from *Cenolarcus* by the possession of an internal medullary shell. This is quite simple, either spherical or lentelliptical, and connected with the outer cortical shell by a number of radial beams. In the similar *Larnacilla* this connection is effected by four internal latticed lamellæ (the half lateral wings of the transverse girdle); therefore we find here four internal gates (on the poles of the principal axis), absent in *Coccolarcus*.

1. *Coccolarcus lentellipsis*, n. sp.

Cortical shell with smooth surface and regular network; pores circular, twice as broad as the bars; about thirteen on the half meridian, eleven on the half equator. Proportion of the three dimensive axes = 3 : 4 : 5. Medullary shell spherical, half as broad as the transverse radius.

Dimensions.—Principal axis (or length) of the cortical shell 0·15, transverse axis (or breadth) 0·12, sagittal axis (or thickness) 0·09; pores 0·01, bars 0·005; diameter of the medullary shell 0·03.

Habitat.—Pacific, central area, Station 272, depth 2600 fathoms.

2. *Coccolarcus platellipsis*, n. sp.

Cortical shell with thorny surface and irregular network; pores roundish, twice to three times as broad as the bars; sixteen to eighteen on the half meridian, ten to twelve on the half equator. Proportion of the three dimensive axes = 1 : 2 : 3. Medullary shell lentelliptical, one-third as large as the cortical shell.

¹ *Coccolarcus* = Basket with kernel; κόκκος, λάρακος.