

## Subfamily 3. SPONGOLARCIDA, Haeckel.

*Definition.*—Larcarida with spongy lentelliptical shell (with or without enclosed medullary shell).

Genus 270. *Spongolarcus*,<sup>1</sup> n. gen.

*Definition.*—Larcarida with lentelliptical spongy shell, containing a central cavity of the same form, without medullary shell (without radial spines).

The genus *Spongolarcus* differs from *Cenolarcus* (its probable ancestral form) only in the development of spongy framework forming the wall of the hollow lentelliptical shell. It corresponds, therefore, to *Plegmosphæra* among the Sphæroidea, and to *Spongellipsis* among the Prunoidea. From these two similar spongy Sphærellaria it differs in its characteristic lentelliptical form, with three dimensive axes of unequal length.

1. *Spongolarcus lentellipsis*, n. sp.

Spongy network of the shell very loose, its meshes fifteen to twenty times as broad as the bars. Surface of the shell nearly smooth; diameter of its internal cavity twice as large as the thickness of its wall. Proportion of the three dimensive axes = 2 : 3 : 4.

*Dimensions.*—Length 0·16, breadth 0·12, height 0·08; thickness of the spongy wall 0·05.

*Habitat.*—Pacific, central area, Station 274, surface.

2. *Spongolarcus triaxoniis*, n. sp.

Spongy network of the shell rather loose, its meshes twelve to sixteen times as broad as the bars. Surface of the shell rough; diameter of its internal cavity about eight times as large as the thickness of its wall. Proportion of the three dimensive axes = 2 : 2·5 : 3.

*Dimensions.*—Length 0·25, breadth 0·2, height 0·16; thickness of the spongy wall 0·025.

*Habitat.*—North Pacific, Station 253, surface.

3. *Spongolarcus dimensivus*, n. sp.

Spongy network of the shell dense, its meshes four to eight times as broad as the bars. Surface of the shell thorny; diameter of its internal cavity about fifteen times as large as the thickness of its wall. Proportion of the three dimensive axes = 3 : 4 : 5.

*Dimensions.*—Length 0·2, breadth 0·16, height 0·12; thickness of the spongy wall 0·01.

*Habitat.*—Western Tropical Pacific, Station 225, depth 4475 fathoms.

<sup>1</sup> *Spongolarcus* = Spongy basket; σπόγγος, λάρακος.