

Dimensions.—Length of the first shell 0·02, second 0·05, third 0·09, fourth 0·16; breadth corresponding—(A) 0·015, (B) 0·035, (C) 0·065, (D) 0·12.

Habitat.—South Atlantic, west of Tristan da Cunha, Station 332, depth 2200 fathoms.

Genus 277. *Larnacospongius*,¹ n. gen.

Definition.—Larnacida with spongy lentelliptical cortical shell, without radial spines. Medullary shell double, *Larnacilla*-shaped.

The genus *Larnacospongius* differs from the nearly allied genera *Larnacalpis* and *Larnacoma* by the spongy texture of the lentelliptical cortical shell, whilst the enclosed medullary shell in both genera is the same trizonal *Larnacilla*-shell. Therefore *Larnacospongius* (and the following nearly related *Larnacostupa*) can be derived directly by development of a spongy envelop either from *Larnacilla* and *Larnacalpis*, or from *Trizonium* and *Amphipyle*. But some species of these spongy genera appear to be derived rather from *Tetrapyle* or *Pylonium*, perhaps also from *Cubotholus*. Their phylogenetic origin may be explained in different ways.

1. *Larnacospongius larnacillifer*, n. sp.

Cortical shell lentelliptical, one and a half times as long as broad, with rough surface and rather loose spongy framework, directly enclosing a trizonal *Larnacilla*-shell of the same form, but of only one-third its size.

Dimensions.—Length of the whole shell 0·17, breadth 0·12; length of the medullary shell 0·06, breadth 0·04.

Habitat.—South Atlantic, east coast of Patagonia, Station 319, surface.

2. *Larnacospongius tetrapylifer*, n. sp.

Cortical shell lentelliptical, one and a third times as long as broad, with thorny surface; composed of an outer envelop of loose spongy framework and an inner lattice-shell with four kidney-shaped gates, like *Tetrapyle*; the latter encloses a trizonal medullary shell of one-fourth its size.

Dimensions.—Length of the whole shell 0·22, breadth 0·16; length of the medullary shell 0·045, breadth 0·035.

Habitat.—South Atlantic, west of Tristan da Cunha, Station 332, surface.

¹ *Larnacospongius* = Spongy chest; λάρναξ, σπόγγος.