

Genus 278. *Larnacostupa*,<sup>1</sup> n. gen.

*Definition*.—Larnacida with spongy lentelliptical cortical shell, with radial spines on the surface. Medullary shell double, *Larnacilla*-shaped.

The genus *Larnacostupa* differs from the preceding *Larnacospongius* only in the possession of radial spines, covering either the whole surface irregularly or disposed in a certain symmetrical order.

1. *Larnacostupa octacantha*, n. sp.

Cortical shell lentelliptical, with thorny surface, and rather dense, irregular, spongy framework, which arises from an inner latticed cortical shell, like that of *Tetrapyle* or *Pylonium*. This latter is twice as large as the enclosed *Larnacilla*-shell. Eight long and thin, cylindrical, radial spines, opposite in pairs in two diagonal planes. (Seems to be the common *Tetrapyle octacantha*, enveloped by an outer spongy framework mantle.)

*Dimensions*.—Length of the whole shell (without spines) 0·22, breadth 0·16; length of the medullary shell 0·06, breadth 0·04.

*Habitat*.—Indian Ocean, Madagascar, Rabbe, surface.

2. *Larnacostupa spinosa*, n. sp.

Cortical shell lentelliptical, about one and a half times as long as broad, with very lax and irregular spongy framework, arising from a nearly quadrangular lattice-shell like that of *Tetrapyle*; this latter encloses a *Larnacilla*-shell of half its size. Whole surface covered with thin bristle-like radial spines, of about the length of the shell.

*Dimensions*.—Length of the whole shell (without spines) 0·18, breadth 0·12; length of the medullary shell 0·05, breadth 0·035.

*Habitat*.—Antarctic Ocean, off Kerguelen, Station 150, surface.

3. *Larnacostupa dendrophora*, n. sp.

Cortical shell nearly spherical, scarcely longer than broad, with lax, irregular spongy framework, arising from a lentelliptical trizonal medullary shell (like *Larnacilla*). Whole surface covered with thin arborescent radial spines, about half as long as the shell, each spine with three to six irregular branches.

*Dimensions*.—Length of the whole shell (without spines) 0·15, breadth 0·13; length of the medullary shell 0·07, breadth 0·04.

*Habitat*.—Antarctic Ocean, Station 154, surface.

<sup>1</sup> *Larnacostupa* = Chest with hemp envelop; λάραξ, στύπη.