

Subgenus 2. *Phortolarcus*, Haeckel.

Definition.—Lattice-work of the irregular cortical shell complete, without large openings or gates.

3. *Phorticum deforme*, n. sp.

Cortical shell irregular, roundish or longish, three times as large as the enclosed subregular, lentelliptical *Larnacilla*-shell, connected with it by two opposite latticed wings (the halves of the transverse girdle of *Tetrapyle*). Network of the cortical shell irregular, dense, perfectly closed, without larger openings or gates. Surface thorny. (May be regarded as a monstrous form of *Larnacalpis*.)

Dimensions.—Diameter of the irregular cortical shell 0.15 to 0.18, of the medullary shell 0.04 to 0.06.

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

4. *Phorticum abnorme*, n. sp.

Cortical shell irregular, roundish, tuberos, with five to ten quite irregular or nearly hemispherical protuberances, which resemble the cupolas of *Zonarida*. The regular lentelliptical *Larnacilla*-shell is one-third to one-fourth as large as the enclosing cortical shell, and is connected with it by some irregular radial beams. Lattice-work completely closed, without gates. Surface spiny. (May be regarded as an anomalous form of *Zonidium*; as in the other species of this variable genus, the individuals are very unequal.)

Dimensions.—Diameter of the irregular cortical shell 0.12 to 0.2, of the medullary shell 0.03 to 0.05.

Habitat.—Atlantic and Pacific, tropical zone, surface, and at various depths.

Genus 314. *Spongophortis*,¹ Haeckel, 1881, *Prodromus*, p. 464.

Definition.—*Phorticida* with irregular cortical shell of spongy framework, enclosing a lentelliptical *Larnacilla*-shaped medullary shell.

The genus *Spongophortis* differs from *Phorticum* in the spongy framework of the cortical shell. This encloses the inner *Larnacilla*-shaped medullary shell either directly, or both shells are separated by a hollow interval, and connected either by radial beams or by latticed lamellæ. Perhaps both these subgenera might be better separated as genera.

¹ *Spongophortis* = Spongy vessel; σπόγγος, φέρεις.