

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*,<sup>1</sup> Haeckel, 1881, *Prodromus*, p. 464.

*Definition*.—*Phortica* 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.

<sup>1</sup> *Spongophortis* = Spongy vessel; σπόγγος, φορτίς.