

3. *Cubotholus rhombicus*, n. sp.

Surface of the shell smooth. Both principal cupolas (on the poles of the longitudinal axis) larger than the two lateral (on the poles of the transverse axis), and these larger than the two sagittal cupolas (on the poles of the sagittal axis). Therefore all three fundamental axes unequal. Pores irregular, roundish, twice to four times as broad as the bars; eight to twelve in the basal semicircle of each cupola. Medullary shell lentelliptical.

Dimensions.—Major (principal) axis 0·16, middle (lateral) axis 0·14, minor (sagittal) axis 0·12; pores 0·006 to 0·012, bars 0·003.

Habitat.—South Atlantic, Station 335, depth 1425 fathoms.

Subgenus 2. *Cubotholura*, Haeckel.

Definition.—Surface of the shell with radial spines or thorns.

4. *Cubotholus octoceras*, n. sp.

All six cupolas in pairs of different sizes. Both principal domes larger than the lateral domes, and these larger than the sagittal domes. Pores subregular, circular, twice as broad as the bars; eight to ten in the semicircle of each cupola. From the surface arise (at the intersecting points of every three cupolas) eight strong conical radial spines, about as long as the shell-axis; they lie in two diagonal planes, and are the external free prolongations of eight inner beams (homologous with the eight wing-spines of *Tetrapyle octacantha*), which connect the lentelliptical medullary shell with the eight corners of the cuboidal central chamber.

Dimensions.—Major axis of the cortical shell 0·15, middle 0·13, minor 0·11; pores 0·008, bars 0·004; diameters of the medullary shell corresponding to 0·05, 0·04, 0·03.

Habitat.—Western Tropical Pacific, Station 224, depth 1850 fathoms.

Genus 300. *Cubotholonium*,¹ n. gen.

Definition.—Tholonida with double (or sometimes triple) cortical shell (with external veil), composed of six hemispherical cupolas, opposite in pairs on the poles of three axes perpendicular one to another, covering six sides of the cuboidal *Larnacilla*-shaped central chamber (with medullary shell).

The genus *Cubotholonium* differs from the nearly allied *Cubotholus* (its probable ancestral form) only in duplication of the cortical shell. I have observed only two species of this rare form, both rather different. In the first species the outer cortical shell forms a simple spherical thin veil around the inner, the six cupolas of which are nearly of the same form and size. In the second species each of the domes of the

¹ *Cubotholonium* = Small shell with cupolas disposed on the six sides of a cube; κύβος, θολώνιον.