

Dimensions.—Major axis (length) of the outer cortical shell 0·15, minor (breadth) 0·13; pores 0·012, bars 0·003; major axis (length) of the inner cortical shell 0·11, minor axis (breadth) 0·09; pores 0·006, bars 0·003.

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

4. *Staurotholonium lenticulare*, n. sp.

Outer cortical shell smooth, lenticular, with circular circumference, with very delicate irregular network and small roundish pores. Its distance from the inner much greater in the four diagonal points than in the four polar points. Inner cortical shell regular, cross-like, with four cupolas of similar size and form. Pores subregular, circular, twice as broad as the bars; eight to ten in the basal semicircle of one cupola. Medullary shell lenticular.

Dimensions.—Diameter of the outer cortical shell 0·16, of the inner 0·12; pores of the inner 0·008, bars 0·004.

Habitat.—North Atlantic, Station 353, surface.

Subgenus 2. *Staurotholoma*, Haeckel.

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

5. *Staurotholonium octodoratium*, n. sp.

Outer cortical shell of the same form and structure as the inner, but twice as large, both principal domes somewhat larger than both lateral. Pores subregular, circular, of the same breadth as the bars; five to six in the semicircle of one inner, eight to ten of one outer cupola. Eight thin and long bristle-like spines, opposite in pairs in two crossed diagonal planes.

Dimensions.—Major axis of the outer cortical shell 0·15, minor 0·12; major axis of the inner cortical shell 0·07, minor 0·06; pores and bars 0·005.

Habitat.—North Pacific, Station 231, surface.

6. *Staurotholonium octodoronium*, n. sp. (Pl. 10, fig. 11).

Outer cortical shell of the same form as the inner, both little distant; network of the outer irregular and delicate. Pores of the inner regular, circular, twice as broad as the bars; seven to nine in the basal semicircle of one cupola. Both lateral domes larger than the principal. Eight long and thin, cylindrical radial spines opposite in pairs in two crossed diagonal planes.

Dimensions.—Major axis of the outer cortical shell 0·2, minor 0·18; major axis of the inner cortical shell 0·16, minor 0·14; pores 0·008, bars 0·004.

Habitat.—South Pacific, Station 288, surface.