Dimensions.—Diameter of the outer shell 0·15, middle 0·13, inner 0·04; cortical pores 0·017, bars 0·003; length of the spines 0·03.

Habitat.—Fossil in Tertiary rocks of Sicily; Grotte, Stöhr.

5. *Stauracontium sparganium*, n. sp.

Cortical shell thick walled, covered with very numerous, short, conical spines, and with regular, circular pores, five times as broad as the bars; sixteen to eighteen on the quadrant. Radial proportion of the three spheres = 2 : 3 : 9. Radial main spines three-sided prismatic, as long as the radius or longer.

Dimensions.—Diameter of the outer shell 0·275, middle 0·09, inner 0·06; cortical pores 0·01, bars 0·002; length of the spines 0·15.

Habitat.—Fossil in Barbados.

Subgenus 3. *Stauracontidium*, Haeckel.

Definition.—Pores irregular, of different size or form; surface smooth.

6. *Stauracontium antarcticum*, n. sp.

Cortical shell thin walled, smooth. Pores irregular, roundish, two to four times as broad as the bars. Radial proportion of the three spheres = 1 : 2 : 8. Radial spines conical, as long as the radius.

Dimensions.—Diameter of the outer shell 0·2, middle 0·05, inner 0·025; cortical pores 0·006 to 0·012, bars 0·003; length of the spines 0·1.

Habitat.—Antarctic Ocean, Station 157, depth 1950 fathoms.

Subgenus 4. *Stauracontonium*, Haeckel.

Definition.—Pores irregular, of different size or form; surface covered with thorns or by-spines.

7. *Stauracontium setosum*, n. sp.

Cortical shell thin walled, covered with thin bristle-shaped by-spines, half as long as the radius. Pores irregular, polygonal, three to five times as broad as the bars. Proportion of the three spheres = 1 : 2 : 6. Radial main spines pyramidal, nearly as long as the shell diameter.

Dimensions.—Diameter of the outer shell 0·15, middle 0·05, inner 0·025; cortical pores 0·01 to 0·015, bars 0·003; length of the spines 0·12.

Habitat.—Central Pacific, Station 266, depth 2750 fathoms.

8. *Stauracontium papillosum*, n. sp.

Cortical shell thick walled, covered with short conical papillæ or by-spines. Pores irregular, roundish, two to four times as broad as the bars. Proportion of the three spheres = 1 : 3 : 12. Radial main spines conical, as long as the radius.