

6. *Staurosphæra jacobii*, n. sp.

Shell thick walled, smooth, with regular, circular pores, twice as broad as the bars; eleven to twelve on the quadrant. Four spines cylindrical, three times as long as the radius, three times as broad as one mesh.

*Dimensions*.—Diameter of the shell 0·1, pores 0·006, bars 0·003.

*Habitat*.—North Atlantic, Station 353, depth 2965 fathoms.

7. *Staurosphæra simonis*, n. sp.

*Haliomma* with four spines, Bury, 1862, Polycystins of Barbados, pl. iv. fig. 4.

Shell thick walled, smooth, with regular, circular pores, of the same breadth as the bars; eight to ten on the quadrant. Four spines cylindrical, twice as long as the radius, five times as broad as one mesh.

*Dimensions*.—Diameter of the sphere 0·1, pores and bars 0·003.

*Habitat*.—Fossil in Barbados.

Subgenus 2. *Staurosphærella*, Haeckel.

*Definition*.—Pores regular, all of nearly equal size and similar form; surface covered with by-spines or accessory thorns.

8. *Staurosphæra philippi*, n. sp. (Pl. 15, fig. 6).

Shell thin walled, covered with bristle-shaped by-spines, as long as the radius. Pores regular, circular, twice as broad as the bars; six to eight on the quadrant. Four main spines cylindrical, five to ten times as long as the radius, as broad as one mesh.

*Dimensions*.—Diameter of the shell 0·08, pores 0·006, bars 0·003.

*Habitat*.—Central Pacific, Station 272, surface.

9. *Staurosphæra andreae*, n. sp.

Shell thick walled, with regular, circular, hexagonally framed pores, three times as broad as the bars; nine to ten on the quadrant. From each hexagon-corner arises a bristle-shaped by-spine, half as long as the radius. Four main spines three-sided pyramidal, with spirally contorted edges, as long as the radius (very similar to *Hexastylus solonis*, Pl. 21, fig. 11, but with only four spines).

*Dimensions*.—Diameter of the shell 0·16, pores 0·01, bars 0·003.

*Habitat*.—Central Pacific, Station 265, depth 2900 fathoms.