

Subgenus 1. *Staurosphærantha*, Haeckel.

*Definition*.—Pores regular, all of nearly equal size and similar form; surface smooth.

1. *Staurosphæra cruciata*, n. sp.

Shell thin walled, smooth, with regular, hexagonal pores, four times as broad as the bars; ten to twelve on the quadrant. Four crossed radial spines three-sided pyramidal, as long as the diameter of the shell, as broad at the base as one pore (very similar to *Hæxastylus phænaxoni*, Pl. 21, fig. 3, but with only four spines).

*Dimensions*.—Diameter of the shell 0.12, of the pores 0.008, bars 0.002.

*Habitat*.—Central Pacific, Station 271, depth 2425 fathoms.

2. *Staurosphæra christiana*, n. sp.

Shell thick walled, smooth, with regular, circular, hexagonally framed pores, three times as broad as the bars; six to eight on the quadrant. Four crossed spines six-sided pyramidal, as long as the radius, as broad as one mesh.

*Dimensions*.—Diameter of the shell 0.13, pores 0.012, bars 0.004.

*Habitat*.—Central Pacific, Station 268, depth 2900 fathoms.

3. *Staurosphæra johannis*, n. sp.

Shell thick walled, smooth, with regular, circular pores, four times as broad as the bars; five to six on the quadrant. Four spines six-sided pyramidal, half as long as the radius, as broad as one mesh.

*Dimensions*.—Diameter of the shell 0.15, pores 0.02, bars 0.005.

*Habitat*.—North Pacific, Station 241, depth 2300 fathoms.

4. *Staurosphæra pauli*, n. sp.

Shell very thick walled, smooth, with regular, circular, double-edged pores, four times as broad as the bars; eight to ten on the quadrant. Four spines conical, as long as the radius, as broad as one mesh.

*Dimensions*.—Diameter of the shell 0.15, pores 0.016, bars 0.004.

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

5. *Staurosphæra petri*, n. sp.

Shell thin walled, smooth, with regular, circular pores, three times as broad as the bars; twenty to twenty-two on the quadrant. Four spines conical, half as long as the radius, as broad as one mesh.

*Dimensions*.—Diameter of the shell 0.22, pores 0.006, bars 0.002.

*Habitat*.—South Atlantic, Station 325, depth 2650 fathoms; also fossil in Barbados.