

one mesh; two opposite larger spines as long as the diameter of the shell, two smaller only as long as the radius.

Dimensions.—Diameter of the shell 0.15, pores 0.01, bars 0.005; length of the major spines 0.16, minor 0.08.

Habitat.—Central Pacific, Station 274, depth 2750 fathoms.

2. *Staurostylus latinus*, n. sp.

Shell thin walled, smooth, with regular, circular, double-edged pores, three times as broad as the bars; twelve to fourteen on the quadrant. Spines conical, twice as broad at the base as one mesh; two opposite larger spines as long as the radius of the shell, two smaller only one-third as long.

Dimensions.—Diameter of the shell 0.24, pores 0.012, bars 0.004; length of the major spines 0.12, minor 0.04.

Habitat.—South Pacific, Station 295, depth 1500 fathoms.

3. *Staurostylus germanicus*, n. sp.

Shell thick walled, covered with bristle-shaped by-spines, half as long as the radius. Pores regular, circular, hexagonally framed, twice as broad as the bars; eight to ten on the quadrant. From each hexagon-corner arises one short by-spine. Four main spines three-sided pyramidal, as broad at the base as one mesh; two opposite larger spines one and a half times as long as the radius, two smaller two-thirds as long.

Dimensions.—Diameter of the shell 0.16, pores 0.008, bars 0.004; length of the major spines 0.12, minor 0.08.

Habitat.—North Pacific, Station 244, depth 2900 fathoms.

Genus 62. *Stylostaurus*,¹ 1881, Prodrömus, p. 450.

Definition.—*Staurosphærida* with one single lattice-sphere and four crossed spines, one of which is much larger than the other three.

The genus *Stylostaurus* differs from the preceding in the extraordinary development of one of the four spines, which is much longer than the other three; these may be equal or different.

1. *Stylostaurus caudatus*, n. sp. (Pl. 13, fig. 7).

Shell thick walled, smooth, with regular, circular, hexagonally framed pores, twice as broad as the bars; five to six on the quadrant. Spines three-sided pyramidal, as broad at the base as

¹ *Stylostaurus*, Style-cross; στῦλος, σταυρός.