

13. *Stylosphæra jugata*, n. sp.

Radial proportion of the two shells = 2:1. Cortical shell thick walled, smooth, with irregular, roundish, double-contoured pores, confluent in groups of two to six. On the half equator six to nine groups and fifteen to twenty pores; bars between them of very variable breadth. Polar spines very strong, three-sided pyramidal, twice as long as the axis of the outer sphere, half as broad at the base as its radius. (Nearly allied to *Lithatractus jugatus*, Pl. 16, fig. 2, but differs in the truly spherical form of both shells and the double length of the polar spines.)

*Dimensions*.—Diameter of the outer shell 0.15, pores 0.005 to 0.002; inner shell 0.07; length of the polar spines 0.25 to 0.3, basal breadth 0.03.

*Habitat*.—Western Tropical Pacific, Station 224, depth 1850 fathoms.

14. *Stylosphæra terpsichore*, n. sp.

Radial proportion of the two shells = 3:1 or 4:1. Cortical shell thick walled, smooth, with irregular, roundish pores, one to three times as broad as the bars; fifteen to twenty-five on the half equator. Polar spines conical, about as long as the axis of the outer sphere, as broad at the base as the inner shell.

*Dimensions*.—Diameter of the outer shell 0.15 to 0.2, pores 0.005 to 0.02, bars 0.004 to 0.008; inner shell 0.05; length of the polar spines 0.15 to 0.25, basal breadth 0.05.

*Habitat*.—Western Indian Ocean, Zanzibar, depth 2200 fathoms, Pullen.

Subgenus 4. *Stylosphæromma*, Haeckel.

*Definition*.—Pores of the cortical shell irregular, of different size or form; surface spiny or thorny.

15. *Stylosphæra thalia*, n. sp.

Radial proportion of the two shells = 2:1. Cortical shell thin walled, thorny, with irregular, roundish pores, two to four times as broad as the bars; eight to twelve on the half equator. Polar spines conical, one to one and a half times as long as the axis of the outer sphere, one-fourth to one-sixth as thick at the base. (Resembles *Sphærostylus ophidium*, Pl. 16, fig. 14, but differs in the straight regular conical polar spines, both of equal length and similar form.)

*Dimensions*.—Diameter of the outer shell 0.12, pores 0.01 to 0.02, bars 0.005; inner shell 0.06; polar spines 0.1 to 0.16 long, 0.03 broad.

*Habitat*.—South Pacific, Station 302, depth 1450 fathoms.

16. *Stylosphæra erato*, n. sp.

Radial proportion of the two shells = 3:1. Cortical shell thick walled, thorny, with irregular, roundish pores, two to five times as broad as the bars; fourteen to eighteen on the half equator.