

*Dimensions*.—Diameter of the whole shell 0·22; distance between each two shells 0·02; length of the by-spines 0·05, of the main spines 0·2.

*Habitat*.—Indian Ocean, Cocos Islands, surface, Rabbe.

Subfamily STAURODORIDA,<sup>1</sup> Haeckel, 1881, Prodrömus, pp. 449, 455.

*Definition*.—Staurosphærida with spongy, spherical shell (with or without enclosed concentric lattice-shells).

Genus 71. *Staurodoras*,<sup>2</sup> Haeckel, 1881, Prodrömus, p. 455.

*Definition*.—Staurosphærida with solid, spongy, spherical shell and four crossed simple spines.

The genus *Staurodoras* may be developed from *Styptosphæra* by the production of four crossed spines on the simple, spongy, spherical shell, which is composed of looser or denser irregular wicker-work, without enclosed medullary shell.

1. *Staurodoras spongosphæra*, n. sp.

Four crossed spines, two to three times as long as the diameter of the spongy sphere, three-sided prismatic, with three dentated and spirally contorted edges. (Form of *Spongosphæra streptacantha*, but without medullary shell and with four equal spines, crossed regularly at right angles.)

*Dimensions*.—Diameter of the sphere 0·25; length of the spines 0·4 to 0·7.

*Habitat*.—Central Pacific, Station 271, surface.

2. *Staurodoras mojsisovicsi*, Dunikowski.

*Staurodoras mojsisovicsi*, Dunikowski, 1882, Denkschr. d. k. Akad. d. Wiss. Wien, Bd. xlv. p. 28, Taf. v. fig. 56.

Four crossed spines, one and a half times as long as the diameter of the spongy sphere, three-sided pyramidal, with three smooth edges. (What Dunikowski describes as "inner canals" of the spines are their edges.)

*Dimensions*.—Diameter of the sphere 0·14; length of the spines 0·18 to 0·2, basal breadth 0·04.

*Habitat*.—Fossil in the Alpine Lias (Schafberg near Salzburg).

3. *Staurodoras liassica*, Dunikowski.

*Staurodoras liassica*, Dunikowski, 1882, Denkschr. d. k. Akad. d. Wiss. Wien, Bd. xlv. p. 28, Taf. v. fig. 57.

Four crossed spines, shorter than the diameter of the spongy sphere, conical or pyramidal (?).

*Dimensions*.—Diameter of the sphere 0·19; length of the spine 0·13, basal breadth 0·045.

*Habitat*.—Fossil in the Alpine Lias (Schafberg near Salzburg).

<sup>1</sup> Staurodorida = Staurosphærida spongiosa = Spongosphærida tetracantha.

<sup>2</sup> *Staurodoras* = Crossed spear; σταυρός, δόρας.