

*Dimensions*.—Diameter of the cortical shell 0·12, medullary shell 0·025; pores of the former 0·03, bars 0·004; length of the major spines 0·12, minor 0·03.

*Habitat*.—Fossil in Barbados.

Genus 66. *Stauroxiphos*,<sup>1</sup> n. gen.

*Definition*.—*Staurosphærida* with two concentric lattice-spheres and four crossed simple spines, one of which is much larger than the other three.

The genus *Stauroxiphos* differs from its ancestral form, *Staurolonche*, in the greater development of one single spine, and exhibits therefore the same relation to it that *Stylostaurus* bears to *Staurosphæra*.

1. *Stauroxiphos gladius*, n. sp. (Pl. 15, fig. 7).

Cortical shell thick walled, smooth, three times as broad as the medullary shell. Pores of the outer shell regular, circular, regularly six-lobed on the outer opening, four times as broad as the bars; about six on the quadrant. Pores of the inner shell only one-third as large, simple, circular. Three of the four radial spines of nearly equal size, pommel-shaped, with three prominent, dentated wings, somewhat shorter than the shell radius and about half as broad as long; the fourth spine much larger, sword-like, about three times as long as the shell radius.

*Dimensions*.—Diameter of the outer shell 0·12, of the inner 0·04; pores of the former 0·01, bars 0·0025; pores of the latter 0·003, bars 0·001; length of the major spine 0·18, of the three minor 0·04.

*Habitat*.—Central Pacific, Station 266, depth 2750 fathoms.

Subfamily STAUROCONTIDA,<sup>2</sup> Haeckel, 1881, Prodrömus, p. 52.

*Definition*.—*Staurosphærida* with three concentric spherical lattice-shells.

Genus 67. *Stauracontium*,<sup>3</sup> Haeckel, 1881, Prodrömus, p. 452.

*Definition*.—*Staurosphærida* with three concentric lattice-spheres and four crossed, equal, simple spines.

The genus *Stauracontium* differs from its probable ancestral form, *Staurolonche*, in the duplication of the cortical shell.

Subgenus 1. *Stauracontarium*, Haeckel.

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

<sup>1</sup> *Stauroxiphos* = Sword with cross; σταυρός, ξίφος.

<sup>2</sup> *Stauracontida* = *Staurosphærida triplicia* = *Triosphærida tetracantha*.

<sup>3</sup> *Stauracontium* = Crossed dart; σταυρός, δκόντιον.