

3. *Streblacantha hastigerina*, n. sp.

Shell nearly spherical, clustered, with nine to eleven nearly spherical chambers of rapidly increasing size, the tenth chamber about six times as broad as the first. Breadth of the shell nearly equal to the height. Pores subregular, circular, of about the same breadth as the bars. Surface bristly, covered with numerous very thin and long, needle-shaped radial spines, longer than the diameter of the shell. (Resembles closely *Hastigerina*.)

Dimensions.—Breadth of the shell 0·18, height 0·15.

Habitat.—Pacific, central area, Station 271, depth 2425 fathoms.

Genus 312. *Streblopyle*,¹ n. gen.

Definition.—*Streblonida* with trizonal lentelliptical medullary shell (composed like *Larnacilla* of three elliptical dimensive girdles surrounding one simple central primordial chamber). From this begins a screw-like series of spirally ascending chambers. Surface smooth or thorny, without radial spines.

The genus *Streblopyle* presents externally the same appearance and contour as *Streblonia*, and is composed like this of a variable number of chambers, ascending screw-like around the axis of the spiral shell. The first or primordial chamber, however, in which the growth begins, is in *Streblonia* a simple spherical shell, but in *Streblopyle* a trizonal shell or *Larnacilla*-shell (compare above, p. 600). The chambers are very incompletely separated, and comparatively much larger, their number much smaller than in *Streblonia*. The structure in the species of this genus is difficult to understand.

1. *Streblopyle helicina*, n. sp. (Pl. 49, fig. 9).

Shell helicoid, one and a third times as high as broad, with eight to twelve incomplete semizonal chambers, ascending spirally from the lateral half girdle of the lentelliptical medullary shell, octopyle-shaped, and enveloping it in three to four spiral turnings. The height of the whole cortical shell equals nearly five times the height of the trizonal medullary shell. Pores irregular, roundish. Surface of the shell rough or nearly smooth. (This species seems to be nearly allied to *Spironium octonium*.)

Dimensions.—Breadth of the spiral cortical shell 0·18, height 0·24; breadth of the medullary shell 0·04, height 0·05.

Habitat.—Pacific, central area, Station 266, depth 2750 fathoms.

2. *Streblopyle spirulina*, n. sp.

Shell egg-shaped or nearly spherical, about as high as broad, with eight to nine semizonal chambers, ascending spirally from the subspherical trizonal medullary shell, and enveloping it in

¹ *Streblopyle* = Screw-shell with gates; σπείρα, πύλη.