

The genus *Stichopera*, and the two following genera, represent the small subfamily of Stichoperida, or those triradiate Stichocyrtida in which the terminal mouth is closed by lattice-work. In *Stichopera* the three radial appendages are either solid lateral ribs or longitudinal combs of spines; the closed basal part of the shell is rounded, not pointed. It may be derived either from *Stichopilium* by closure of the mouth, or from *Lithornithium* by increase of the number of the joints.

### Subgenus 1. *Stichoperina*, Haeckel.

*Definition*.—Shell with three solid radial ribs, or longitudinal dentate crests.

#### 1. *Stichopera ovata*, n. sp.

Shell ovate, with three distinct strictures. Length of the four joints = 2 : 3 : 4 : 6. The fourth joint is the broadest, and twice as long as the second, with hemispherical basal pole. Cephalis hemispherical, with a conical horn of twice the length. Along the second and third joints descend three prominent divergent ribs, which disappear in the middle zone of the fourth joint. Pores regular, circular.

*Dimensions*.—Length of the shell (with four joints) 0.15, breadth 0.1. Length of the single joint, *a* 0.02, *b* 0.03, *c* 0.04, *d* 0.06.

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

#### 2. *Stichopera lagena*, n. sp.

Shell bottle-shaped, with six sharp strictures; the upper half is slender, conical, and composed of six joints of nearly equal length, the lower half is formed only by the last subspherical joint. Cephalis subspherical, with a pyramidal horn of the same length. From its base arise three divergent ribs, which attain the greatest height in the fourth joint, and disappear in the sixth joint. (Similar to *Stichophaena ritteriana*, Pl. 75, fig. 12, but only with three ribs and seven joints.) Pores regular, hexagonal.

*Dimensions*.—Length of the shell (with seven joints) 0.25. Length of each joint 0.02 to 0.025, of the last joint 0.12; breadth 0.14.

*Habitat*.—Central Pacific, Station 272, depth 2600 fathoms.

#### 3. *Stichopera serrata*, n. sp.

Shell bottle-shaped, with eight deep strictures. The first eight joints are little different in length, and form together a slender cone, while the last joint is four times as long (half as long as this cone), and subspherical. Cephalis conical, with a slender, prismatic horn of three times the length. Along the whole shell arise three divergent, serrate ribs, which disappear towards the hemispherical, basal pole. Pores subregular, hexagonal.