

*Cucumaria canescens*, Semper, 1868.

Body elongated, slightly swollen at the middle. Radial pieces of the calcareous ring with two long posterior prolongations. Body-wall thick. Deposits—tables consisting of an elliptical disk with eight or nine ovate swellings round the margin, and with a strong central spire formed by two rods; opposite to the spire is a roundish knob. In the internal layer of the perisome a simple knob is substituted for the spire, the deposits thus presenting the appearance of buttons.

*Habitat.*—Bohol, Pandanon (Semper).

2. *Pedicels in two or three rows along each ambulacrum; also more or less closely scattered ones on the two ventral interambulacra, the arrangement in rows being there more or less indistinct.*

*Cucumaria longipeda*, Semper, 1868.

Body pentangular, tapering posteriorly and anteriorly. Pedicels very long, in two or three rows along each ambulacrum, and, besides, a few on the two ventral interambulacra. Deposits—tables consisting of a roundish perforated disk and a spire composed of four rods, and one transverse beam. Radial pieces of the calcareous ring composed of a main part and two narrow separate posterior prolongations, each made up of two joints.

*Habitat.*—Bohol, Pandanon (Semper).

*Cucumaria conjungens*, Semper, 1868.

Body cylindrical, rounded anteriorly, tapered posteriorly. Ventral pedicels numerous, irregularly dispersed over the ambulacra and interambulacra; dorsal pedicels only confined to the ambulacra, where they form two to three rows. Radial and interradial pieces of the calcareous ring composed of several smaller parts, the former with two long articulate posterior prolongations. Deposits—tables, resembling buttons, with an oval knobbed disk perforated by a few (four) holes, and with a very short spire with two points.

*Habitat.*—Mariveles, Bay of Manilla (Semper).

3. *Pedicels in a double row along the ambulacra, and also scattered ones on both dorsal and ventral interambulacra.*

*Cucumaria köllikeri*, Semper, 1868.

Body ascidiform. Tentacles of equal size. Interambulacral pedicels smaller than the ambulacral. Deposits—roundish knobbed buttons with a few holes; and more