

*Thyone musculosa* (*Thyonidium*), Ayres, 1854; Semper, 1867.

*Habitat.*—Massachusetts Bay (Ayres).

*Thyone longidentis*, Hutton, 1872. *Pentadactyla longidens*, Hutton, 1879.

*Habitat.*—New Zealand (Hutton).

The descriptions of Hutton are very defective, and certainly give a wrong idea of the species in question. In his later "Notes" Hutton says that the species "belongs to the family Aspidochirotae, and must form the type of a new genus distinguished by having only five tentacles," &c. Judging from his description of the "dental apparatus," which is "very long, nearly half the length of the body, tubular for half its length, the rest cut into five teeth," I suppose the species to be a Dendrochirote, though possibly not a *Thyone*.

*Thyone brevidentis*, Hutton, 1872.

*Habitat.*—New Zealand (Hutton).

*Thyone aurea* (*Holothuria*), Quoy and Gaimard, 1833; Semper, 1868. *Cladolabes aureus*, Brandt, 1835.

*Habitat.*—Cape of Good Hope (Quoy and Gaimard).

*Thyone inermis*, Heller, 1868.

*Habitat.*—Mediterranean Sea (Heller).

Excepting a network in the ends of the pedicels, no deposits.

*Thyone andrewsii*, Farran, 1852 (according to Kinahan, 1859).

*Habitat.*—Ireland (Farran and Kinahan).

*Thyone flexus*, Hodge, 1865.

*Habitat.*—Northumberland (Hodge).

*Thyone elegans*, Norman, 1868.

*Habitat.*—Shetland (Norman).

Excepting terminal plates in the pedicels and irregular cribiform plates in the tentacles, no deposits. Skin thin, very delicate. Pedicels numerous, scattered all over the body.