

*Chirodota vitiensis*, Gräffe, Semper, 1868.

Tentacles eighteen, each with twenty digits. Wheel-papillæ much more thinly scattered on the two ventral interambulacra. Six large and three small Polian vesicles. Especially characterised by the smallness of the calcareous ring.

*Habitat.*—Fiji Islands (Semper).

*Chirodota dubia*, Semper, 1868.

Tentacles eighteen, each with eighteen to twenty digits. Wheel-papillæ scattered all over the body. Five larger and three smaller Polian vesicles. Besides the wheels, small ribs or rods.

*Habitat.*—Camiguin in Philippine Islands (Semper), Ceylon (Walter).

So far as I can discover, this species is very closely allied to *Chirodota variabilis*, *Chirodota incongrua*, *Chirodota vitiensis* and possibly even to *Chirodota discolor*, and there seems to be good reason for the supposition that they are varieties of the same species.

*Chirodota panaensis*, Semper, 1868.

Tentacles nineteen, each with thirty to thirty-two digits. Wheel-papillæ scattered all over the body. Three larger and five to seven smaller Polian vesicles. Besides the wheels, small oval or elongate rods.

*Habitat.*—Philippine Islands (Semper).

*Chirodota rubeola* (*Fistularia*), Quoy and Gaimard, 1833 ; Selenka, 1867.

Tentacles twenty. Body smooth. Description very unsatisfactory.

*Habitat.*—New Ireland (Quoy and Gaimard).

Genus 5. *Myriotrochus*, Steenstrup, 1851.

Tentacles twelve, digitate. Deposits—large, free, scattered wheels with numerous (as many as nineteen) spokes and about as many rather large triangular teeth, directed inwards from the margin. Sexes distinct.

*Myriotrochus rinkii*, Steenstrup, 1852 ; Lütken, 1857 ; Théel, 1877 ; Danielssen and Koren, 1879 and 1882 ; Duncan and Sladen, 1881. (?) *Chirodota brevis*, Huxley, 1852. (?) *Oligotrochus vitreus*, M. Sars, 1866, and G. O. Sars, 1871. *Myriotrochus vitreus*, Duncan and Sladen, 1881.

*Habitat.*—Coast of Norway from Christiania Fjord to the Arctic Sea north of Norway (Sars, Storm, Danielssen and Koren), Nova Zembla and Sea of Kara (Théel, Stuxberg), Spitzbergen (Ljungman, Heuglin, Danielssen and Koren), Barents Sea (Hoffman), Greenland (Steenstrup, Lütken, Norman, Duncan and Sladen,