

“Other Hydroid groups are at present under examination, and have already yielded some interesting results.

“The collection is very rich in the species of *Cryptolaria*, and the specimens it contains have furnished the means of working out in greater detail than had hitherto been done the structure of this curious group. Not only has the essential structure of its trophosome been thus determined and its stem proved to consist of two distinct elements—an axial, with which alone the hydrothecæ are in connexion, and a peripheral, which forms an enveloping sheath for the axial—but we have been made acquainted with its



FIG. 265.—*Monocaulus imperator*, Allman; one half the natural size.

gonosome, which had not previously been detected, and which is present in a species dredged by the Challenger from a depth of 2600 fathoms.

“A new genus, *Perisiphonia*, has been constructed for the reception of some very remarkable species which agree with the *Cryptolaria* in the presence of an axial and of a peripheral system of tubes in the trophosome, but which differ from these in the very different form and relations of the hydrothecæ, while they are further characterised by the presence of a highly developed system of accessory receptacles analogous to the nematophores of the Plumularidæ.

“The genus *Grammaria* is also well represented, and has been found to agree