

REPORT ON THE NEMERTEA.

nemertea are as yet only on record from the Atlantic and the Mediterranean. It is, however, very probable that these genera (the Carinellidæ) are cosmopolitan, and have as yet only escaped detection because even in the region from which they are known they count among the rare forms.

I have here only to add that in drawing up the list of the Challenger Nemertea, I will follow the subdivision into larger groups that was proposed by myself several years ago (VII., p. 204),¹ and will successively treat of the Palæonemertea, Hoplonemertea, and Schizonemertea. It may be remarked that in the first named group, which contains the most primitive and least differentiated representatives, the genera *Valencinia* and *Eupolia* (= *Polia*) were also provisionally placed. These two may be looked upon as, to a certain degree, transitional forms. New light has been thrown by the Challenger material upon at least one of these genera, and it appears advisable to let them stand in that subdivision, however far they may differ in certain respects from the typical Palæonemertea, such as *Carinella*, *Carinoma*, *Carinina*, &c., and however strong their affinities may be in other respects either to the Schizonemertea or to the Hoplonemertea.

¹ The heavy numerals refer to the Bibliography at the end of the Report.