

Böhlsche, Pourtalès, Grube, Bell and others, so far as my knowledge of them extends. A few of my own undescribed species, from the "Blake" collection and elsewhere, are also added, as they have received names somewhat prematurely, owing to their being the hosts of Myzostomida, which have been described by Professor von Graff. One or two of Professor Lütken's MS. names are included, as they belong to easily recognisable types, e.g., *Antedon protecta*; but others, such as *Actinometra mutabilis* and *Actinometra trachygaster*, are omitted, as I have found a considerable variety of types under each of these names in the different collections that I have examined.

I have added a few remarks respecting the absence of certain well-known names, such as *Antedon sarsii* and *Actinometra timorensis*, and also with regard to the presence of certain species in altogether different groups, both specific and generic, from those to which they have been referred by their original describers—(See the numbers before the names).

In order to exhibit more completely the range of structural variation which is to be met with among the Comatulæ, I have included the formulæ for various species that I have examined but have not yet described. Some rather variable species appear in more than one group,¹ and to draw attention to their peculiarities the name is followed in each case by the formula of the other group in which the species also occurs. Thus *Actinometra pulchella* (10),² and $(2.(2).\frac{br}{2})$.

In one or two cases I have departed from the strict numerical sequence in order to avoid separating too widely species which are really very closely allied, on the sole ground that one has an axillary more than the other. Thus A.3. $\frac{p.br.}{2}$ immediately succeeds A.3. $\frac{br}{2}$, while a.3.2(*p.br.*) and a.3.2(*p,p',br.*) follow most naturally directly after a.3.2.*br.*, instead of being separated from the latter group by several intervening ones, as was the case in my preliminary list.³

LIST OF SPECIES.

Genus ANTEDON.

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| I. A.R.2.2.2. | |
| A.R.3.2.(2). | 1. <i>elegans</i> |
| A.R.3.3.3. | <i>multiradiata</i> |
| A.R.3.3.3.3. | 2. <i>microdiscus</i> |

¹ It has not been worth while to repeat the name in one or two cases, e.g., *Antedon elegans* (A.R.3.2.(2)), and I have therefore used brackets for the last figure.

² The 10 is not used here to indicate that there are ten joints in the distichal series, but as a short way of denoting the presence of only ten arms. I trust that the abbreviation will not be misunderstood. See p. 47.

³ *Proc. Zool. Soc. Lond.*, 1882, pp. 746, 747.