

order to obtain some approximate data as to the depths Brachiopoda are at present known to inhabit, it will be desirable to append a list of all the known recent species, with an indication of all their respective depths.

In 1852 I published in the *Annals and Magazine of Natural History* a sketch of a classification of recent Brachiopoda based upon internal organisation, giving a list of all the recent species then known. Similar and revised lists were subsequently published in 1859 by Professor E. Suess, in 1861 by Lovell Reeve and myself, and in 1870 and 1873 by Mr W. H. Dall. In the revised list here appended the range of depth of the European and North Atlantic species has been given me by Dr J. Gwyn Jeffreys, F.R.S., to whom science is so much indebted for his great exertions in promoting those important private and public dredging expeditions from which so many valuable results have been obtained, and for the numerous able reports he has published relating to the same. The approximate ranges in depth at which the larger number of Brachiopoda have been found are in our possession, but of the following no information is given by the original authors, and later researches have not revealed it. It is to be hoped that future dredging expeditions will supply the deficiencies.

- Terebratula* (?) *malvinæ*, D'Orb. I have never seen.
Terebratulina radiata, Reeve. A common Korean species.
Terebratulina (?) *patagonica*, Gould.
Waldheimia raphælis, Dall. Said to be from Japan.
Terebratella bouchardi, Dav. Probably a synonym of another species.
Terebratella rubiginosa, Dall.
Terebratella (?) *algoensis*, Sow. A doubtful species.
Terebratella (?) *labradorensis*, Sow. A doubtful species.
Terebratella (?) *lamanoni*, Schrenk. A doubtful species.
Magasella crenulata, Sow.
Magasella lævis, Dall.
Magasella suffusa, Reeve. A doubtful species.
Kraussina rubra, Pallas.
Kraussina cognata, Chemnitz. A doubtful species.
Kraussina atkinsoni, T. Woods.
Kraussina capensis, Adams and Reeve.
Bouchardia (?) *fibula*, Reeve. One specimen known, perhaps a large *M. cumingi*.
Rynchonella grayi, Woodward. One specimen known.
Discina antillarum, D'Orb. Probably a synonym of *D. striata*.
Lingula exusta, Reeve.
Lingula hians, Swainson.
Lingula hirundo, Reeve.
Lingula reevii, Dav. = *L. ovalis*, Reeve.
Lingula udamsi, Dall.
Glottidia audebardi, Brod.

It is more than probable that a certain number of the so-termed species recorded in our general list, with respect to which our information is insufficient and unsatisfactory, will hereafter require to be expunged, or placed among the synonyms of some of those