

Station 3. South of the Canary Islands, lat. 25° 45' N., long. 20° 12' W. 1525 fathoms.

Station 24. Off Sombrero, Danish West Indies. 390 fathoms.

Station 171. North of the Kermadec Islands, lat. 28° 33' S., long. 197° 50' W. 600 fathoms.

Station 236. Lat. 34° 58' N., long. 139° 30' E. Between Vries Island, Oosima, and Cape Sagami, Japan. 775 fathoms.

#### SPECIES OF STYLASTERIDÆ AT PRESENT KNOWN.

A list of all the species of Stylasteridæ, at present described, here follows. The list is not to be considered as constituting a revision of the species. Access has been had to only a limited number of specimens, and as in the case of many of the species good figures, or indeed any figures at all, are wanting, and the description founded on a false theory as to the nature of the organisms described are necessarily imperfect, a revision has not been found possible. Indeed, such can only be carried out when the soft structures of more species shall have been examined. The list, such as it is, represents an attempt to draw attention to all the species of which an account has been published. Few references are given, those only in each case being selected which are the latest and will supply all further references required when consulted, or those which indicate figures of the species described. The localities are appended in most instances in order to show the distribution of the members of the family.

#### *List of all the Species of Stylasteridæ at present known.*<sup>1</sup>

Family STYLASTERIDÆ, Gray (Ann. and Mag. Nat. Hist., vol. xix., 1847).

(I.) Genus *Sporadopora*, Moseley, Phil. Trans. Roy. Soc., 1878, part 2, p. 474.

*Polypora*, Moseley, Proc. Roy. Soc., No. 172, 1876, pp. 94, 95.

Species 1. *Sporadopora dichotoma*, Moseley, pl. i. figs. 3, 4; pl. ii. figs. 1, 2, 9.

*Polypora dichotoma*, Moseley, Proc. Roy. Soc., No. 172, 1876, pp. 94, 95, Challenger, Feb. 14, 1876, in lat. 37° 17' S., long. 53° 52' W., off the mouth of the Rio de la Plata, from 600 fathoms.

(II.) Genus *Pliobothrus*, Pourtalès, Bull. Mus. Comp. Zool., Harvard, No. 7; Deep-Sea Corals, p. 57. See Ill. Cat. Mus. Comp. Zool., Harvard, No. 10.

<sup>1</sup> In the preparation of the present list I was kindly assisted by Dr F. Brüggemann, of the British Museum.