

GEOGRAPHICAL DISTRIBUTION.

List of the ALCYONARIA (Pennatulacea excepted) obtained during the Voyage of the Challenger, arranged in the order of the Stations at which they occurred, with information as to the depth and nature of the sea bottom.

STATION IV.—January 16, 1873; lat. $36^{\circ} 25'$ N., long. $8^{\circ} 12'$ W., off Cadiz; depth, 600 fathoms; bottom, blue mud.

Strophogorgia challengeri, n. sp.

STATION 3.—February 18, 1873; lat. $25^{\circ} 45'$ N., long. $20^{\circ} 14'$ W., south-west of the Canary Islands; depth, 1525 fathoms; bottom, hard ground:

Acanella arbuscula, Johns. | *Anthomastus canariensis*, n. sp.

Pleurocorallium johnsoni, Gray.

STATION 23.—March 15, 1873; lat. $18^{\circ} 24'$ N., long. $63^{\circ} 28'$ W., off Sombrero Island; depth, 450 fathoms; bottom, Pteropod ooze.

Acanella eburnea, Pourtal. | *Juncella barbadensis*, D. and M.

Primnoella distans, Studer. | *Clavularia tubaria*, n. sp.

STATION 56.—May 29, 1873; lat. $32^{\circ} 8' 45''$ N., long. $64^{\circ} 59' 35''$ W., off Bermuda; depth, 1075 fathoms; bottom, coral mud.

Acanella simplex, Verrill. | *Sympodium armatum*, n. sp.

Off Bermuda; shallow water.

Plexaura valenciennesi, n. sp. | *Pseudoplexaura crassa* (Ell. and Sol.).

Gorgonia flabellum, L.

STATION 70.—June 26, 1873; lat. $38^{\circ} 25'$ N., long. $35^{\circ} 50'$ W., west of the Azores; depth, 1675 fathoms; bottom, Globigerina ooze.

Strophogorgia fragilis, n. sp.