

STATION 46.—May 6, 1873. Lat. $40^{\circ} 17' N.$, long. $66^{\circ} 48' W.$ Depth, 1350 fathoms; bottom temperature, $2^{\circ} 3 C.$; mud.

Grey mud, with sand and little stones. Rhizopod-fauna very similar to that of Station 45, with the addition of *Haplophragmium scitulum* and *Haplophragmium globigeriniforme*, together with fragments of some of the larger arenaceous types.

STATION 47.—May 7, 1873. Lat. $41^{\circ} 15' N.$, long. $65^{\circ} 45' W.$ Depth, 1340 fathoms; mud.

Sandy mud with Rhizopoda of the same general character as the foregoing. Nos. 46 and 47 are in about the latitude of New York.

E. STATIONS 59 to 83, *North Atlantic—Bermuda to the Azores and Madeira.*

STATION 64.—June 20, 1873. Lat. $35^{\circ} 35' N.$, long. $50^{\circ} 27' W.$ Depth, about 2750 fathoms; grey ooze.

Left but little residue after washing: the Foraminifera were those of an ordinary mid-Atlantic Globigerina ooze.

STATION 70.—June 26, 1873. Lat. $38^{\circ} 25' N.$, long. $35^{\circ} 50' W.$ Depth, 1675 fathoms; Globigerina ooze.

Containing *Globigerinæ* of all the common varieties, including *Globigerina rubra*, the ordinary pelagic species of *Pulvinulina*, with the addition of *Pulvinulina pauperata* and *Pulvinulina partschiana*; *Pullenia*, *Hastigerina*, and *Sphæroidina*. The remaining genera represented by comparatively few specimens.

STATION 73.—June 30, 1873. Lat. $38^{\circ} 30' N.$, long. $31^{\circ} 14' W.$ Depth, 1000 fathoms; bottom temperature, $3^{\circ} 7 C.$; Globigerina ooze.

Washings of dredge; containing many little stones, fragments of shell, coral, and the like. Scarcely so rich in Rhizopoda as the material from Station 70, but presenting a very similar list of species, the principal additions being *Hormosina carpenteri* and some large *Biloculinæ*. There were also a number of Ostracoda and a few Radiolaria.

STATION 75.—July 2, 1873. Lat. $38^{\circ} 37' N.$, long. $28^{\circ} 30' W.$ Off the Azores. Depth, 450 fathoms; coral sand.

The Foraminifera chiefly of the following genera:—*Nodosaria*, *Lingulina*, *Cristellaria*, *Globigerina*, *Pulvinulina*, *Discorbina*, *Polytrema*, and *Textularia*; of these *Polytrema* and *Lingulina* are especially fine.