

and in arenaceous types. Of the former, the genera *Nodosaria*, *Lingulina*, *Frondicularia*, and *Cristellaria* are represented by remarkably fine examples; the Textularian group contributes specimens of *Textularia*, *Pavonina*, *Bigenerina*, *Verneuilina*, and *Clavulina*, which are equally noteworthy; whilst the Arenacea furnish *Rhabdammina*, *Hyperammia*, *Cyclammia*, and *Ammodiscus*, together with many of the smaller forms; and the Porcellanea are conspicuous in *Orbiculina* and large *Biloculina*. These are but the more important out of a long list of Foraminifera.

C. STATIONS 25 to 36, *North Atlantic, from St. Thomas Island to Bermuda.*

STATION 27.—March 28, 1873. Lat. 22° 49' N., long. 65° 19' W. Depth, 2960 fathoms; bottom temperature, 1°·5 C.; grey ooze.

An impalpable mud containing nothing organic.

STATION 33.—April 4, 1873. Off Bermudas. Depth, 435 fathoms; mud.

White calcareous material, largely composed of the remains of molluscan shells, pteropods, and corals with a few Ostracoda. Amongst the Foraminifera, *Globigerina* and *Pulvinulina* were plentiful, and with them *Orbitolites* of the simple type, *Orbiculina* and *Amphistegina*, the specimens of the latter being unusually thin. The genera *Frondicularia*, *Cristellaria*, *Textularia*, *Clavulina*, *Haplostiche*, *Cassidulina*, *Biloculina*, and *Cornuspira* furnish the rarer species.

D. STATIONS 37 to 58, *North Atlantic, Bermuda to Nova Scotia and back to Bermuda.*

STATION 40.—April 28, 1873. Lat. 34° 51' N., long. 68° 30' W. Depth, 2675 fathoms.

*Globigerina* ooze, containing the common varieties of *Globigerina* and *Pulvinulina*, with *Pullenia*, *Truncatulina*, *Lagena*, *Nonionina* and a few small *Lituolæ*.

STATION 45.—May 3, 1873. Lat. 38° 34' N., long. 72° 10' W. Depth, 1240 fathoms; bottom temperature, 2°·4 C.; mud.

Grey sandy mud, with a considerable variety of Foraminifera and some Radiolaria, the fauna presenting more northerly features. In addition to *Globigerina* and *Pulvinulina*, the following genera amongst others are conspicuous:—*Pullenia*, *Biloculina*, *Miliolina*, *Lagena*, *Cristellaria*, *Uvigerina*, *Nonionina*, *Gaudryina*, *Verneuilina*, *Bulimina*, and *Virgulina*.