

This presented the usual harbour-mud Rhizopod-fauna, with *Rotalia beccarii*, *Polystomella crispa* and *Polystomella striatopunctata*, *Nonionina depressula* and *Nonionina scapha*, *Verneuilina schreibersii* and *Truncatulina lobatula*, as the salient forms.

SURFACE AND MID-WATER COLLECTIONS.

The following notes refer to some of the areas at which gatherings were made by means of the tow-net, and chiefly to those at which the specimens obtained were mounted, or preserved by other means, on the spot. When not otherwise indicated, the net was arranged so as to collect only the organisms inhabiting the surface-layer of the ocean, that is to say, those living at depths not greater than about fifty fathoms; but in many localities the net was lowered much further in order to gather in addition the animals pertaining to the mid-water fauna.

The different sections of the voyage, indicated by capital letters, correspond to the divisions, similarly lettered, of the foregoing list of bottom-dredgings. Very few pelagic Foraminifera have been preserved from the earlier portion of the Challenger cruise, but the North Atlantic is partially represented by gatherings made on the homeward voyage.

F. North Atlantic; from Madeira by the Canaries and Cape de Verde Islands to the Equator.

AUGUST 13 and 14, 1873, corresponding to Stations 97 and 98. Off the coast of Africa, south of Cape de Verde Islands. Containing *Globigerina bulloides*, *Orbulina universa*, *Pulvinulina menardii*, *Pulvinulina tumida*, and *Pulvinulina canariensis*.

AUGUST 16, 1873, corresponding to Station 100. African coast, west of Sierra Leone. Containing *Globigerina bulloides*, *Globigerina rubra*, *Globigerina conglobata*, *Orbulina universa*, *Pullenia obliquiloculata*, and *Pulvinulina menardii*.

AUGUST 25, 1873, corresponding to Station 106. Mid-Atlantic near the Equator; surface down to 40 fathoms. Containing *Globigerina bulloides*, *Globigerina dubia*, *Globigerina conglobata*, *Globigerina rubra*, *Globigerina sacculifera*; *Orbulina universa*, *Sphæroidina dehiscens*, *Pullenia obliquiloculata*, *Pulvinulina menardii*, *Pulvinulina canariensis* and *Pulvinulina scitula* (?). "Tow-net at 40 fathoms" furnishes a similar list of organisms.