

by *Ammodiscus charoides*, *Webbina clavata*, *Thurammina papillata*, *Haplophragmium globigeriniforme*, *Verneuilina propinqua*, and some of the smaller species of *Hormosina* and *Reophax*. The presence of a few specimens of *Amphistegina* may be noted, as unusual in deep water so far from land. There were in addition a few Ostracoda and Radiolaria.

- G. STATIONS 111 to 142, *South Atlantic from the Equator, about long. 30° W., by Pernambuco, Bahia, and the Island of Tristan d'Acunha to the Cape of Good Hope.* (See also STATIONS 313 to 347.)

STATION 111.—August 31, 1873. Lat. 1° 45' S., long. 30° 58' W. Depth, 2475 fathoms; bottom temperature, 0°·2 C.; Globigerina ooze.

A yellow mud which left little residue after washing. Rich in Radiolaria, but containing few distinctive Foraminifera. After *Globigerina*, *Pulvinulina*, and *Pullenia*, the genus *Lagena* is perhaps best represented; there were likewise two interesting, neatly built *Miliolæ*, namely, *Miliolina venusta* and *Spiroloculina tenuis*, which are not uncommon in deep water. Arenacea small and rare.

STATION 120.—September 9, 1873. Lat. 8° 37' S., long. 34° 28' W. Off Pernambuco. Depth, 675 fathoms; mud.

Brown sandy mud, with pteropod shells and some Radiolaria; very rich in arenaceous Foraminifera. Almost every recent variety of *Globigerina*, and all the pelagic *Pulvinulinæ* abound in this material, as well as *Sphæroidina*, *Pullenia*, *Candeina*, and *Hastigerina*. Amongst Arenacea the following are the more important genera:—*Cyclammina*, *Rhabdammina*, *Hyperammina*, *Lituola*, and *Trochammina*. Large specimens of *Nodosaria*, *Lingulina*, and *Biloculina* are also noticeable, together with the following rare species:—*Planispirina sigmoidea*, *Ophthalmidium inconstans*, *Cristellaria variabilis*, and *Gaudryina rugosa*.

STATION 122.—September 10, 1873. Lat. 9° 5' S. to 9° 10' S., long. 34° 49' W. to 34° 53' W. Depth, 350 fathoms; mud.

Brown sandy mud with shell fragments, similar in most respects to No. 120. Very rich in the same sandy types, together with large *Textulariæ* and *Bigenerinæ*; the specimens, however, are generally a good deal worn.

STATION 135.—October 18, 1873. Off Nightingale Island, Tristan d'Acunha. Depth, 100 to 150 fathoms; rock and shells.

Not very rich in Foraminifera, the only remarkable form being a wild-growing