

APPENDIX B.

List of the Stations in the Atlantic at which Observations were taken during the Year 1873.

Station I., December 30th, 1872.—Lat. $41^{\circ} 57' N.$, Long. $9^{\circ} 42' W.$ Depth, 1125 fathoms. Nature of bottom, globigerina ooze. Locality, about 40 nautical miles west of Vigo Bay.

Station II., January 13th, 1873.—Lat. $38^{\circ} 10' N.$, Long. $9^{\circ} 14' W.$ Depth, 470 fathoms. Gray ooze. South of Cape Espichel.

Second sounding, same day.—Lat. $38^{\circ} 5' N.$, Long. $9^{\circ} 39' W.$ Depth, 1270 fathoms. Globigerina ooze.

Station III., January 15th.—Lat. $37^{\circ} 2' N.$, Long. $9^{\circ} 24' W.$ Depth, 1000 fathoms. Globigerina ooze. Bottom temperature, $3^{\circ} \cdot 8 C.$

Second sounding, same day.—Lat. $36^{\circ} 59' N.$, Long. $9^{\circ} 14' W.$ Depth, 525 fathoms. Globigerina ooze. Bottom temperature, $12^{\circ} \cdot 0 C.$

Third sounding, same day.—Lat. $37^{\circ} 2' N.$, Long. $9^{\circ} 14' W.$ Depth, 900 fathoms. Globigerina ooze. Off Cape St. Vincent.

Station IV., January 16th.—Lat. $36^{\circ} 25' N.$, Long. $8^{\circ} 12' W.$ Depth, 600 fathoms. Globigerina ooze. About 60 miles south-east of Cape St. Vincent.

Station V., January 28th.—Lat. $35^{\circ} 47' N.$, Long. $8^{\circ} 23' W.$ Depth, 1090 fathoms. Globigerina ooze. Bottom temperature, $3^{\circ} \cdot 1 C.$ About 90 miles south-east of Cape St. Vincent.

Station VI., January 30th.—Lat. $36^{\circ} 23' N.$, Long. $11^{\circ} 18' W.$ Depth, 1525 fathoms. Globigerina ooze. Bottom temperature, $1^{\circ} \cdot 6 C.$ About 120 miles south-west of Cape St. Vincent.

Station VII., January 31st.—Lat. $35^{\circ} 20' N.$, Long. $13^{\circ} 4' W.$ Depth, 2125 fathoms. Globigerina ooze. Bottom temperature, $2^{\circ} \cdot 3 C.$ Locality, about 230 miles south-west of Cape St. Vincent, and 238 miles from Madeira.

Station VIII., February 12th.—At the Canaries. Depth, 620 fathoms. Dark, sandy mud and dead shells. Near the south coast of Gomera Island.