

this station (95) about 200 specimens of furnace clinkers were found, together with fragments of unburnt coal, also a portion of an earthenware jar and a cannon-bone of an ox. This station lies along the route of the Atlantic Liners, from which these specimens were probably dropped. Furnace clinkers, coal, etc.

At Station 10, on the south side of the Bay of Biscay, and nearly 200 miles north of Cape Finisterre, at a depth of over 15,000 feet, an assemblage of stones was obtained, numbering in all 339, most of which were glaciated and almost identical in lithological characters with those just described.

At Station 48, lat. 28° 54' N., long. 24° 14' W., in about 2800 fathoms, chalk-flints and ice-moulded metamorphic rocks were collected, showing that floating ice had dropped materials over that part of the sea-floor. They were associated with fragments of pumice carried thither by the descending branch of the Gulf Stream. An ear-bone of a finner-whale was also found at this locality.

Just outside the Straits of Gibraltar, at Station 23, in 664 fathoms, a curious assortment of materials was dredged, comprising dead lamellibranch shells (some of them bored by gasteropods), barnacles dropped from whales, furnace clinkers, and an American blue point oyster that had fallen from a passing ship. The dead lamellibranch shells point to subsidence of that part of the sea-floor in recent geological times.

The materials dredged at Station 70, south of the Newfoundland Banks, in 600 fathoms, indicate that this part of the sea-floor is within the range of the present Arctic ice-drift.

The rock fragments obtained from Stations 100 and 101, in 835 and 1013 fathoms, seem to point to the conclusion that they were transported thither by ice that passed over the Orkney and Shetland Isles.

Important evidence was gathered from the Wyville Thomson Ridge

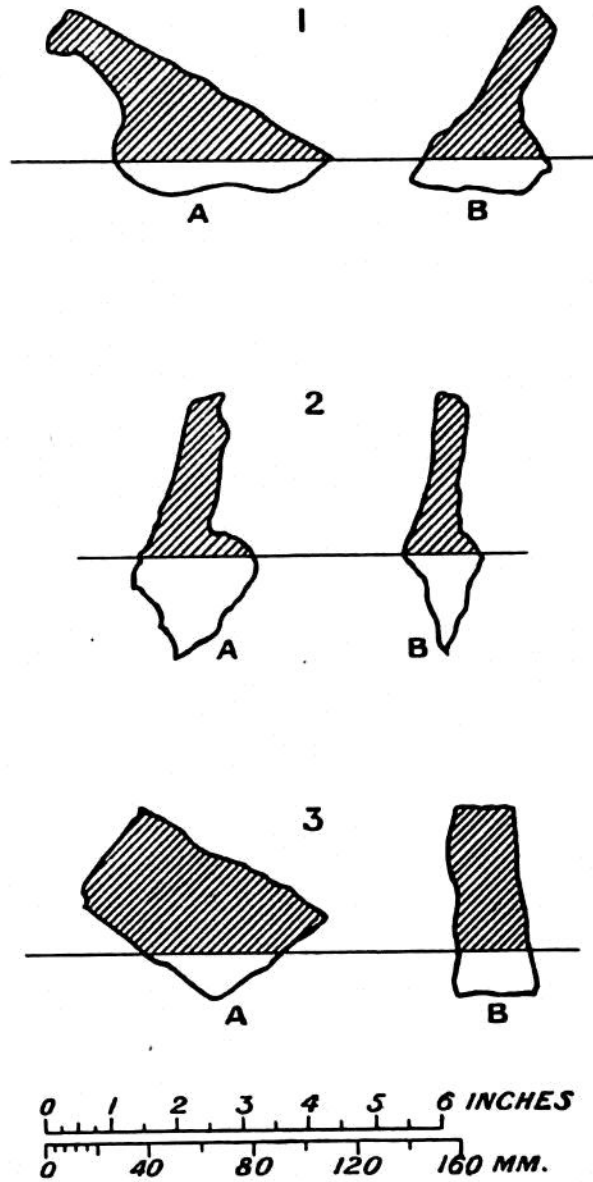


FIG. 149.—DIAGRAMS DRAWN TO SCALE SHOWING POSITIONS OF STONES EMBEDDED IN THE DEPOSIT, THE SHADED PARTS INDICATING THE PORTIONS PROJECTING ABOVE THE DEPOSIT.