

Fine light grey sand, with large numbers of Foraminifera. Salient genera, *Bulimina*, *Bolivina*, *Cassidulina*, *Lagena*, *Uvigerina*, and *Globigerina*, together with the little northern form of *Operculina*.

No. 36. Lat. 48° 50' N., long. 11° 9' W. Depth, 725 fathoms; surface temperature, 64° Fahr. (17°·8 C.); bottom temperature, 43°·9 Fahr. (6°·6 C.).

Coarse brown, sandy gravel, with broken echinus spines and molluscan shells, but chiefly remarkable for the enormous numbers of large thick-shelled *Orbulinæ* which it contained. The genera of Foraminifera best represented were *Globigerina*, *Orbulina*, *Pulvinulina*, *Truncatulina*, *Anomalina*, *Bulimina*, *Glandulina*, *Operculina*, *Miliolina*, *Webbina*, *Haplophragmium*, and *Cyclammina*.

No. 37. Lat. 47° 38' N., long. 12° 8' W. Depth, 2435 fathoms; surface temperature, 65°·6 Fahr. (18°·6 C.); bottom temperature, 36°·5 Fahr. (2°·5 C.).

Globigerina ooze, the Foraminifera chiefly *Globigerinæ* and *Orbulinæ*, and pelagic species of *Pulvinulina*; the arenaceous types represented by two forms of *Haplophragmium* which were tolerably abundant, *Reophax scorpiurus*, *Reophax dentaliniformis* and *Reophax difflugiformis*, and fragments of *Rhizammina algæformis*.

No. 42. Lat. 49° 12' N., long. 12° 52' W. Depth, 862 fathoms; surface temperature, 62°·6 Fahr. (17° C.); bottom temperature, 39°·7 Fahr. (4°·3 C.).

Orbulina ooze; a grey mud, consisting in very large proportion of thick-shelled *Orbulinæ*. The prevalence of this type is even more striking than in No. 36, though the individual specimens scarcely attain the same dimensions. Beyond the genera *Globigerina*, *Pulvinulina*, and *Truncatulina*, there is little that is noteworthy, though the material furnishes a tolerably long list of species.

3RD CRUISE.—*Farøe Channel.*

On this voyage bottom-dredgings were taken at between fifty and sixty Stations, of which reliable samples from only eight or nine have been preserved. Of these, seven are from mid-channel, between the north of Scotland and the Farøe Islands, directly west of Shetland; the eighth is from two localities in comparatively shallow water east of Shetland. Some interesting material from the west coast of Scotland, off the Isle of Skye, has been included in the series for want of a better place.