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SUMMARY CRUISE REPORT.F.R.S. "SCOTIA".March 1950.GENERAL.

Duration of cruise: 1st to 18th March, 1950.

Regions sampled: Outer Moray Firth, Faroe-Shetland Channel, Faroe Plateau.

OBJECTIVES.

Hydrographic-Plankton survey, with subsidiary trawling on Butt of Lewis, Faroe Bank and Faroe grounds.

HYDROGRAPHY.

Average temperatures around  $6\frac{1}{2}^{\circ}\text{C}$  were prevalent in the north-western North Sea area. In the Faroe-Shetland Channel, on the other hand, temperatures upwards of  $9^{\circ}\text{C}$  in the path of the North Atlantic Drift Current were more than  $1^{\circ}\text{C}$  above normal for the month. Average conditions again obtained in the Faroe region with temperatures at and below  $7^{\circ}\text{C}$ . Oxygen and phosphate contents of the water at selected levels are being worked out.

PLANKTON.

Only moderate hauls were obtained on the whole, the more interesting being good catches of Meganyctiphanes from deep water tow hauls with a 1 metre silk net. Hensen net results included fish eggs and young fish.

TRAWLING.

The Faroe trawls particularly yielded good results, haddock and Sebastes being the main items, with specimens of cod, plaice, lemon sole, megrim and young halibut also occurring.

J. B. TAIT.

29th March, 1950.

CIRCULATION.

Mr. J.London.	Dr. Å.V.Taning.	Prof. Gilis.	Capt. A.E.Bruce.
Capt. C.H.Champness.	Dr. F. Devold.	Dr. H. Thomsen.	Dr. J.B.Tait.
Mr. M.Graham.	Mr. R.S.Wimpenny.	Mr.F.S.Russell.	Mr. R.E.Craig.
Dr. C.E.Lucas.	M. P.Desbrosses.	Mr. E. Ford.	Mr. E. Wilson.
Dr. J.N.Carruthers.	Dr. B. Havinga.	Mr. K.M.Rae.	Mr. J.R.Grierson.
Dr. H.Blegvad.	Dr. A.R.Molander.	Dr. G.Reay.	Spare 5.