Mr Bayle

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MINISTRY OF AGRICULTURE, FISHERIES AND FOOD
FISHERIES LABORATORY, LOWESTOFT, SUFFOLK, ENGLAND

1974 RESEARCH VESSEL PROGRAMME

REPORT: RV CLIONE: CRUISE 14

(PROVISIONAL: Not to be quoted without prior reference to the author)

STAFF

G C Bolster
W G Parnell
T J Hulme
G T Howlett
A M Watson

DURATION

Left Lowestoft 0845 h 1 October

Arrived Lowestoft 1517 h 10 October

All times Greenwich Mean Time

LOCALITY

Central North Sea

AIMS

1. To carry out a tin tow-net survey in the area bounded by Lat. 53°25'N and 55°55'N and by Long. 01°50'W and 02°50'E, in connection with ICES Herring Larval Survey.

2. To collect live sand eels for Mr Millner.

NARRATIVE

Work on this cruise was done mostly in unfavourable weather conditions. CLIONE left Lowestoft at 0845 h, 1 October and proceeded north to an area off the Farne Islands (Lat. 55°35'N, Long. 01°08'W) where, after free-flow calibrations had been completed the first of the tin tow-net stations (Aim 1) was begun at 1150 h, 2 October.

Fifteen stations were completed by 0924 h on 3 October then, because of northerly gales, work ceased and the ship began to dodge. This continued until 1330 h, 4 October when on receiving a notice of bereavement for one of the ships company, course was set for North Shields. The ship was in port from 1800 h, 4 October until 0800 h, 5 October. With improving weather conditions the survey was recommenced and continued without further prolonged hindrance until station 86 was completed by 2250 h, 9 October.

Three free-flow calibrations were made with the tin tow-net at 6 knots between 2350, 9 October and 0045 h, 10 October while proceeding towards the Haddock Bank.

Commencing at 0600 h, 10 October, two successful trawl hauls for sandeels were completed by 1025 h, before the ship set course for Lowestoft to berth at 1517 h.

RESULTS

1. Samples were taken with the tin tow-net at 86 stations. (Because of the time lost between October 3 and 5, the easternmost stations on each leg were omitted.)

2. Two trawl hauls were made for sandeels, and live specimens brought back to the laboratory.

3. 82 tows were made with the Hardy plankton indicator for Mr D C T Forsyth of the Oceanographic Laboratory, Edinburgh.

4. 84 surface salinity samples were taken within the area of the survey.

5. Two samples of live plankton were brought to the laboratory for Mrs Thompson.

6. Free flow and standard net calibrations were made at speeds of 5 and 6 knots for Mr Wood.

George Bolster
16 October 1974

SEEN IN DRAFT: JRF

HWS

INITIALLED: AJL

DISTRIBUTION:

Basic List

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