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

1974 RESEARCH VESSEL PROGRAMME

REPORT: RV CORELLA: CRUISE 11

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

STAFF

B C Mumford
S M Stevens

DURATION

Left Lowestoft 1745 h, 15 July

Arrived Lowestoft 1100 h, 23 July

All times Greenwich Mean Time

LOCALITY

Southern North Sea

AIMS

1. To determine the reactions of plaice to a Granton trawl by extending the series of experiments carried out by CLIONE/CORELLA in 1972/73/74.

2. Collection of live plaice for return to the laboratory.

3. Collection of live copepods for laboratory use.

4. Collection of dinoflagellates for Dr Dodge (London University).

NARRATIVE

CORELLA sailed from Lowestoft at 1745 h, 15 July and anchored for the night in Yarmouth Roads before sailing to the Mars Diep off Den Helder to anchor at 1800 h, 16 July. CLIONE left Den Helder early morning 17 July and both ships proceeded to the working area and on arrival dodged until the weather improved.

Joint ship work started on 18 July and continued uninterrupted until 1600 h, 22 July when, with the project completed, CORELLA steamed to the Smiths Knoll Light Vessel area in strong head winds to trawl for fish for return alive to the laboratory. Two trawl hauls were made early on 23 July and plankton samples were collected before CORELLA steamed to Lowestoft arriving at 1100 h, 23 July.

RESULTS

1. 30 Valid trawl attacks were made on 19 fish with 17 of the attacks being recorded as target in path of trawl. A further 8 trawl hauls with door to door tickler chain were made with the object of recovering the acoustic tag after a "Hit" had been recorded.

2. 6 plaice were returned alive to the laboratory.

3. A sample of live copepods was returned to the laboratory.

4. Dinoflagellates were collected for Dr Dodge (London University).

B C Mumford
25 July 1974

SEEN IN DRAFT: JEMB
CS

INITIALLED: AJL

DISTRIBUTION:

Basic List

B C Mumford
S M Stevens