

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

1981 RESEARCH VESSEL PROGRAMME

REPORT: RV CORELLA: CRUISE 9

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

STAFF:

W G Parnell (15-18 July)

R S Millner

T Watson

Mrs M J Boon

DURATION:

Left Lowestoft 1230 h 7 July

Arrived Lowestoft 0900 h 18 July

(All times are GMT)

LOCALITY:

Western North Sea

AIM

To determine the distribution of 0-group gadoids along the north east coast of England out to 3° E.

NARRATIVE:

CORELLA sailed from Lowestoft at 1230 h 7 July with Mr Millner as SIC when Mr Parnell was unable to join the ship because of family illness. A fishing survey using the International Young Gadoid Pelagic trawl was started at 0353 h 8 July near the Indefatigable Bank and was continued northwards without interruption until 1230 h 14 July when CORELLA docked at Sunderland to take on stores and water. Mr Parnell joined the ship and CORELLA sailed from Sunderland at 1230 h 15 July. The survey was then worked southwards until 1810 h 17 July when gearbox trouble forced the termination of the cruise. CORELLA returned to Lowestoft where she docked at 0900 h 18 July.

RESULTS:

1. A total of 35 stations was worked between 53° and 56° N and out to 2°30' E. On each station which was situated at the centre of an ICES statistical rectangle, the International Young Gadoid Pelagic trawl was used in the standard manner, 20 minutes near the bottom, 20 minutes in midwater or at the thermocline if present and 20 minutes near the surface.

The general distribution of each species was

COD

These were most abundant close inshore off Druridge Bay. Few were found east of 1° E. Numbers generally were lower than those found on the international survey which took place in mid-June.

WHITTING

The main concentration of whiting was NE of the Farne Islands though they were generally abundant between Flamborough Head and Berwick. High numbers were also found north of the Indefatigable Bank. Catches were very much higher than those taken on the international survey.

HADDOCK

Highest catches of Haddock were taken off the Tyne. Numbers generally were similar to those found on the International Survey.

NORWAY POUT

Four Norway Pout were taken off Flamborough Head. This species has not been reported this far south on previous surveys.

- 2. A record, including length measurements was made of all other species caught.
- 3. All jellyfish caught were identified and some measured for the Marine Laboratory, Aberdeen.

W G Parnell
5 August 1981

Seen in Draft: DJG

R C Newrick, B Chapman, Master

Initialled:

Distribution:

Basic List:

W G Parnell
R S Millner
T Watson

Mrs M J Boon
Eastern Sea Fisheries Committee
North eastern Sea Fisheries Committee
Northumberland Sea Fisheries Committee

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