

FILE 8413

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

1974 RESEARCH VESSEL PROGRAMME

REPORT R V CORELLA: CRUISE 8

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

STAFF

- M J Holden
- M Macdonald
- M W Easey
- M Slater (Fleetwood)

DURATION

Left Lowestoft 0800 h 20 May  
Arrived Lowestoft 0945 h 7 June

LOCALITY

North Sea

AIMS

1. To carry out comparative fishing trials for 0-group gadoids
2. To carry out the international North Sea 0-group gadoid survey  
(Project 1.2.1)

NARRATIVE

The ship joined R V CLIONE on the morning of 21 May off Flamborough Head to compare the fishing efficiencies of the international 0-group gadoid pelagic trawl and the Boothbay net. The search was unsuccessful and was called off the evening of the 21 May. After transferring the Boothbay net from the R V CLIONE to the R V CORELLA, in case time allowed comparative fishing later in the latter's cruise, the ship steamed north to commence the 0-group gadoid survey on the morning of 22 May. The survey continued until the morning of 6 June except for a period of dodging from 1515h/28 to 1430h/29 and a break in North Shields from 0800 h/31 May to 0300h/1 June to take on water.

RESULTS

- AIM 1. No comparative fishing was undertaken
- AIM 2. 51 stations were worked, each in the middle of an ICES statistical rectangle, between 53°30'N and 57°00'N. 0-group cod were very much more abundant than in the 1972 and 1973 surveys along the northeast edge of the Dogger Bank and off the Danish coast, but almost entirely absent from the area west of the Greenwich meridian. In previous years the distribution over the area surveyed has been much more uniform. 0-group haddock were also more abundant than in previous years and showed a similar distribution to cod. 0-group whiting were less abundant.

MISCELLANEOUS:

16 samples of sprats, 7 of herring and 13 of sandeels were collected for Pelagic Section. 29 lots of food fish were deep frozen. 5 sets of seabed drifters were released off the Yorkshire coast for M Walker. A plankton sample was collected at Smiths Knoll for Mrs Lincoln.

SEEN IN DRAFT W C AND CF

M J Holden

INITIALLED A J L

10 June 1974

DISTRIBUTION M J Holden

Basic List M Macdonald

M W Easey

M Slater (Fleetwood)

Mr R Jones (Aberdeen)