

R. V. CORELLAReport for Cruise 9(Part 2) 1967

Staff: A. Jones  
M. G. Walker  
I. Davies

Duration:  
29th November -  
5th December.

Aims

1. To sample the brill population in the Mablethorpe area.
2. To investigate the distribution of 0 and 1-group brill, using the 2 metre beam trawl from the Caranx.
3. To collect small gadoids using a Dutch herring trawl.
4. To collect 0 and 1-group sole for Mr. Riley

Narrative

The staff joined CORELLA via the Gorleston pilot boat on 29th November at 0930 hrs. The ship then steamed to Mablethorpe and fishing commenced. The mornings of the 30th November and 1st December were spent working inshore with the Caranx using the 2 metre beam trawl, this was prevented on 2nd December because of thickfog. The rest of the time on these dates was spent fishing with the CORELLA. On the morning of 3rd December the ship steamed to Skegness for inshore work from the Caranx. At 1630 hrs. CORELLA steamed back to Mablethorpe for 2 tows before steaming overnight to skate hole, where it was intended to carry out trials with the Dutch herring trawl. This was prevented by a Westerly gale, but the net was rigged to familiarise the crew with its handling. At 1400 hrs. on the 4th December CORELLA set course for Lowestoft, and on the way 4 stations were made to collect plankton for Mr. Hewitt. The ship docked at 1100 hrs. on 5th December.

Results

CORELLA was using a C<sub>2</sub> trawl fitted with a tickler chain and codend cover and this was used in the Mablethorpe area in depths ranging from 5-10 fathoms. In all 21 stations were made and a total of 218 brill were caught; the majority of fish falling between 25-35 cm in length. Otoliths were collected and length and weight recorded, also guts were collected and gonads preserved in Gilson's solution and Bouins for fecundity and histological work.

A total of 15 stations were made with the Caranx using the 2 metre beam trawl. Seven of these were at Mablethorpe and 8 at Skegness. Depths fished ranged from 1-5 fathoms. No 0-group brill were located, but 0-group sole were collected from each station for Mr. Riley.

Muscle and rectal temperatures of 54 cod were taken immediately after capture. Sea bottom temperatures were recorded. Muscle samples from large cod, and the 8 0-group cod caught were preserved.

A. Jones  
5th December, 1967.

Initialed: DHC

/Distribution

Distribution

Dr. Cole  
Mr. Lee  
Captain Aldiss  
Dr. Cushing  
Mr. Hill  
Mr. Gulland  
Mr. Burd  
Mr. Garrod  
Mr. Bolster  
Mr. Cattley  
Dr. Harden Jones  
Mr. Margetts  
Mr. Trout  
Mr. Iles  
Mr. Holden  
Dr. Jamieson  
Dr. Purdom  
Mr. Bridger  
Mr. Mitson  
Mr. Tungate  
Mr. Williams  
Mr. Wood  
Mr. Adams  
Mr. Mills  
Mr. Kay  
Miss Conolly  
General Lab.  
Lab. Registry  
Library (2)  
Mr. Whiting  
Mr. Simpson  
Dr. Reynolds  
Chief Inspector  
All District Inspectors  
Fisheries Registry  
Captain Craig  
Mr. Revell  
Skipper Snowling  
Mr. Buchanan Wollaston  
Mr. Baird, DAFS  
Director, Dublin  
Mr. Glover  
Hydrographic Department  
Dr. Lucas  
Director, NIO  
Dr. Peachey  
Mr. Shelbourne  
WFA  
Director, IJmuiden  
British Trawlers' Federation

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