

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

1970 RESEARCH VESSEL PROGRAMME

REPORT: RV CORELLA: CRUISE 5. PART 2

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

STAFF

A Jones
D R P Leonard
P A Gedge
P J Roeman
R Bolton (Student Bath University)

DURATION

Left Lowestoft 10.00 hours, 5 May

Arrived Great Yarmouth 16.00 hours 14 May

LOCALITY

Turbot Bank (Aberdeen)

AIMS

1. To bring back live turbot for Laboratory experiments on the incubation of eggs and rearing of larvae
2. To carry out artificial fertilization of turbot eggs at sea, returning live fertile eggs to the Laboratory
3. To carry out routine sampling of turbot and brill in the middle of North Sea
4. To collect live soles for Mr Thacker
5. To collect off shore water for use in egg and larval rearing experiments

NARRATIVE

CORELLA sailed from Lowestoft at 10.00 hours, 5 May and proceeded to the eastward of Sizewell Bank to the rendezvous with CLIONE. CORELLA shot her trawl at 13.15 hours and made a short two to allow a BBC camera team aboard CLIONE to film the operation. At 14.15 hours CORELLA proceeded northwards to begin the main part of her programme.

Trawling commenced at 11.00 hours, 6 May in the region of the North West Rough. A 1 hour tow produced no turbot so CORELLA continued on course for Turbot Bank off Aberdeen. At 16.00 hours it was necessary to alter course towards the Firth of Forth because of strong to galeforce easterly winds. However, weather conditions improved slightly and at 08.25 hours 7 May, CORELLA shot her trawl to the South of Wee Bankie. Again no turbot were caught and a decision was made to continue to Turbot Bank.