

MR BATE

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

1975 RESEARCH VESSEL PROGRAMME

REPORT: RV CORELLA: CRUISE 6

STAFF

J D Riley (NIC)  
T Williams  
C L Whiting  
M White

DURATION

Left Lowestoft 1030 h, 15 April

Arrived Lowestoft 0900 h, 28 April

All times are Greenwich Mean Time

LOCALITY

Irish and Celtic Seas, English Channel and Southern North Sea.

AIMS

1. To carry out a survey of the west coast of England and Wales and the southwest coast of Scotland to the Mull of Galloway for pelagic fish eggs and larvae using a 50 m high-speed tow net.
2. To collect a dinoflagellate sample for Dr Dodge (London University).
3. To collect live copepods for Mrs B Thompson.
4. To collect water samples for radioactivity estimation for Mr D Jefferies (Hamilton Dock laboratory) from the English Channel and southern North Sea and Irish Sea.

NARRATIVE

After the passage to the Scillies during which the high speed tow net was calibrated the first sample of the series was collected at 0600 h, 17 April. The survey continued uneventfully until 0800 h, 22 April when CORELLA docked at Fleetwood to take on water and an attempt was made to repair the main radar. CORELLA sailed at 0800 h, 23 April and the series of 88 stations was completed at 0100 h, 26 April off Padstow in spite of considerable coastal fog.

At the 1°W meridian during the passage home the first of a series of water samples (Aim 4) was taken. Sampling continued to the 3°E meridian and up to the latitude 52°15'N. During the final hours of the cruise the dinoflagellate sample and live copepods were collected.

RESULTS

Aim 1: All 33 stations were completed satisfactorily.

Aims 2 and 3: Both samples were taken and returned to the laboratory.

Aim 4: Eight water samples were collected on a line approximately from Pembrokeshire to the Cumbrian coast and 20 samples were collected from the English Channel and southern North Sea.

John D Riley  
5 May 1975

SEEN IN DRAFT: GS, ETB

INITIALED: AJL

DISTRIBUTION:

Basic List  
J D Riley  
T Williams  
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