

MR BATE.

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

1974 RESEARCH VESSEL PROGRAMME

REPORT R V CORELLA CRUISE 2 (b)

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

STAFF

- J D Riley
- D S Tungate
- P Walker
- C J Garrod
- M Roberts (Student)

DURATION

Left Southampton 1400 h 5 February
 Arrived Lowestoft 1330 h 14 February
 All times are Greenwich Mean Time

LOCALITY

South coast of England

AIMS

1. To carry out an inshore survey of the English South coast for fish eggs and larvae using a 50 cm naked high speed tow net.
2. To collect stomachs of all species of fish found on the plaice spawning grounds of the Southern Bight using a young gadoid trawl.
3. To test two experimental plankton samples.

NARRATIVE

Staff travelled to Southampton to join CORELLA at the end of Cruise 2(a) on 4 Feb. Sailing was delayed until 1400 h 5 Feb so that the radar could be repaired. The plankton survey was started, working in a southwesterly direction towards Lands End but was interrupted on 8 Feb by a failure in the radar system making inshore work at night impracticable. After anchoring in the River Fal and some additional sampling on 9 Feb CORELLA sailed for Plymouth in deteriorating weather to get the radar repaired. Force 8-11 winds prevented work on 10 and 11 Feb. P Walker left the ship on 11 Feb and returned to the laboratory. On the morning of 12 Feb CORELLA left Plymouth and completed most of the remainder of the inshore stations to the North Foreland. CORELLA docked at 1330 h 14 Feb at Lowestoft.

RESULTS

Aim (1): All except 9 of the inshore plankton stations were completed but Mounts Bay and Southampton Water were not sampled. Some offshore transects were also not completed. In all 35 of the 54 stations planned were sampled.

Aim (2) + (3): No work was done due to shortage of time.

INITIALLED A J L
 DISTRIBUTION

John D Riley
 5 March 1974

- Basic List
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