

Registry

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

1971 RESEARCH VESSEL PROGRAMME

REPORT: RV TELLINA: CRUISE 12

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

STAFF

J M Last  
N J Milner (FRS)

DURATION (8-20 November)

Left Lowestoft 1030 hours 11 November

Arrived Lowestoft 0630hours 19 November

All times are Greenwich Mean Time

LOCALITY

Filey Bay

AIMS

1. To tag juvenile plaice in Filey Bay;
2. To collect otoliths and weights of juvenile plaice;
3. To survey distribution of 0 group plaice in Filey Bay;
4. To collect 0 group flatfish to return live to the laboratory from Humber and Filey areas;
5. To take grab samples from these areas;
6. To drop sea-bed drifters in Filey Bay.

NARRATIVE

Strong northerly winds prevented TELLINA from leaving Lowestoft until 1030 hours 11 November and accordingly the plan to collect 0-group sole from the Humber was abandoned. Filey Bay was reached early on 12 November and work begun at 0800 hours, continuing until 1500 hours when TELLINA put into Scarborough for the night. Rising wind and forecasts of north westerly gales prevented any further work until 15 November when trawling began at 0725 hours, work continuing after dark.

Northerly winds, gale force at times, and heavy seas made any work impossible for the remainder of the cruise and the scientific staff returned to Lowestoft on 19 November.

RESULTS

In spite of the fact that working time was severely curtailed, nearly half of the programme for the Filey Bay area was accomplished.

AIM 1: 473 juvenile plaice in the 12-30 cm length range were tagged and released in Filey Bay;

AIM 2: The weights and lengths were recorded, and the otoliths collected of 43 juvenile plaice;

AIM 3: Of approximately 24 tows with a 2 M beam trawl which would have been necessary for a complete survey of 0 group plaice in Filey Bay, 19 were completed. The number of 0 group plaice was small, a total of 14 being caught. Other fish species were also recorded, 0 group dabs being the most numerous.

AIM 4: Approximately 100 0 group dabs were collected from Filey Bay and brought back to the laboratory for research purposes. It was not possible to collect 0 group soles from the Humber and only one was found in the Filey area.

AIMS 5 and 6: These had to be abandoned through lack of working time.

J M Last  
29 November 1971

INITIALLED AJL

DISTRIBUTION

Basic List  
J M Last  
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