

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

1978 RESEARCH VESSEL PROGRAMME

REPORT: RV TELLINA: CRUISE 3

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

STAFF

R Millner
M White

DURATION

Left Lowestoft 0730 h 5 June
Arrived Lowestoft 1015 h 14 June
All times are Greenwich Mean Time

LOCATION

East coast inshore area: Southern North Sea

AIMS

1. To determine the seasonal movement of pre-recruit flatfish and gadoids by sampling the grid of stations worked on TELLINA 10/77 and 13/77.
2. To tag pre-recruitment soles, plaice and cod.

NARRATIVE

TELLINA left Lowestoft at 0730h 5 June and worked several stations off Hollesley Bay before docking at Ipswich for the night. For the remainder of the cruise TELLINA worked either from Sheerness or Ipswich as most convenient. On completion of the grid of stations, TELLINA returned to Lowestoft docking at 1015 h 14 June.

RESULTS

1. 2m beam trawl hauls were made at each of 44 stations on a grid between the Thames and Hollesley Bay. In addition 2m² frame trawl hauls were carried out where possible at the same positions. The number of pre-recruit gadoids and flatfish obtained in the beam trawl was low at most of the stations sampled, although soles were common at a number of places, notably within the Thames and also off St Peters Flat, Gunfleet Spit and the Wallet. The most abundant species sampled in the frame trawl were gobies and o-group sprats. Very few gadoids or flatfish were collected.
2. A total of 130 soles between 14 and 28 cm in length were tagged and released. No plaice or cod were tagged.
3. An indication of the bottom sediment trawled over during each haul was made by means of a lead line.

MISCELLANEOUS

Presumably as a result of the ELEN V oil spillage off Lowestoft, thick oil patches were noted at several locations in the Thames and the cod ends of both the frame trawl and beam trawl were found to be covered in a fresh gelatinous oil after towing in Hollesley Bay, some 30 miles south of Lowestoft.

(radius of of e-nexules rain, quantity Ac. of of the JMDA. 1978)

R Millner
20 June 1978

SEEN IN DRAFT: A Pearson

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