

Miss Howard

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

1970 RESEARCH VESSEL PROGRAMME

REPORT: RV TELLINA: CRUISE 12

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

STAFF

- P Warren
- P Connor

DURATION

Left Lowestoft 1000 hours 25 November

Arrived Lowestoft 2030 hours 9 December

All times are British Standard Time

LOCALITY

Northeast Coast

AIMS

1. To survey the P. borealis and Nephrops populations off the Northumberland coast.
2. To collect sediment samples for heavy metals analysis.
3. To obtain data on light levels through the water column.

PROCEDURE

TELLINA was delayed at Lowestoft by bad weather, and joined scientific staff at North Shields during the morning of 26 November. Permutations of strong winds, heavy swell and fog curtailed research and commercial fishing activity until 4 December, when four 30 minute hauls were completed with a 40 mm mesh net, moving northward from a point 11 miles east from the River Tyne. Weather deteriorated once more and when the cruise ended, staff returned to the laboratory, leaving TELLINA to make passage to Lowestoft when sea conditions permitted.

RESULTS

1. Pandalus sp.

Mixtures of P. borealis and P. montagui were taken in each of the four completed tows, with very little associated whitefish bycatch. It was noted that the volume of shrimp taken in each of the four hauls exceeded the maximum catch made during the last complete survey, October 1969. Samples were taken for examination of carapace length and sex of both species.

Nephrops

Catches of Nephrops were very small and a total of only 253 were taken for measurement and sexing. Sizerange was 20-56 mm carapace length with a mean of 32.6 mm. Commercial vessels fishing for Nephrops were working inshore from these stations.

Aims 2 and 3 were abandoned due to bad weather.

Peter Warren

14 December 1970

SEEN IN DRAFT: Skipper H W Saunders

INITIALLED: A J L

DISTRIBUTION

Basic List

Mr Warren

Mr Connor