

MR BAGE.

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

## 1974 RESEARCH VESSEL PROGRAMME

REPORT: RV CLIONE: CRUISE 1a

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

## STAFF

C E Purdom  
V J Bye  
P Scholes

## DURATION

Left Lowestoft 1530 h, 3 January

Arrived Lowestoft 0850 h, 8 January

All times are Greenwich Mean Time

## LOCALITY

North Sea

## AIMS

1. To collect live plaice
2. To deep freeze plaice semen and muscle samples
3. To collect live turbot and Bothriocephalus scorpii
4. To collect pineal, pituitary and hypothalamus material
5. To collect dab gonads and brains
6. To collect blood and tissue samples from plaice for electrophoresis study.

## NARRATIVE

RV CLIONE sailed at 1530 h, 3 January and proceeded to the Tea Kettle Grounds. Fishing began at 0045 h, 4 January and live plaice requirements were met after 8 stations, finishing at 1230 h, 4 January. In deteriorating weather RV CLIONE steamed towards the Flamborough Off Grounds but fishing was impossible on arrival and the ship anchored in Filey Bay until 1708 h, 5 January. Fishing began on the Flamborough Off Grounds at 1242 h, 6 January but only 4 female plaice were obtained in 6 $\frac{3}{4}$  h trawling. In view of this shortage of female plaice, a move was made to the Outer Silver Pits where two hauls starting 0635 h, 7 January produced an abundance of male and female plaice in excellent condition for retaining alive.

With warnings of imminent gales, a course was set for Lowestoft at 1025 h, 7 January and the ship berthed at Lowestoft at 0850 h, 8 January.

## RESULTS.

All aims were achieved.

C E Purdom  
22 January 1974

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C E Purdom  
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P Scholes