

Library

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R.V. TELLINA

Report for cruise 18/1968

Staff

J. D. Riley
G. T. Thacker
J. Gregory

Duration

11-15 November 1968.

Locality

Sizewell Bank.

Aims

1. 2m beam trawl survey for 0-group flatfish.
2. Otter trawl survey for large flatfish and tagging of adult sole.
3. 12" tin tow net survey for pelagic fish eggs and larvae.
4. Release of seabed and surface drifters.
5. Collection of 0-group sole alive for Dr. Purdom.
6. Collection of adult sole with parastic Entobdella sp for Dr. Kearns (UEA).

Narrative

Due to gale force easterly winds from 13 to 15 November work was only possible on the 11th and 12th. Aims 1, 2, 4, 5 and 6 were achieved but no tagging of adult sole was done.

Results

Aim 1. The 2m beam trawl survey for 0-group sole gave catches about 50 per cent of those made in mid-September (TELLINA 16) and catches better than 1.0 per 100 metres were restricted to the top of the bank. It was again possible to delimit the seaward extent of the population at 8.5 fathoms.

Aim 2. Possibly due to the fresh easterly winds during the previous week, catches of flatfish generally were low. No sole were caught outside the bank and 90 per cent of the sole caught were in 5 to 6 fathoms inside the bank.

Aim 4. Seabed and surface drifters were released at low water on 12 November at three stations inside, on and outside the bank. This drop is the last of a series covering the last year.

Aim 5. Seventy 0-group sole were brought back alive for Dr. Purdom.

Aim 6. Adult sole with Entobdella sp were caught but the number of mature parasites was low, only two or three per fish, compared with 20 or more in the summer.

John D. Riley

21.11.68.

Seen in draft

W.B.

A.J.L.

Distribution

Basic list, plus the following:-

J. D. Riley
G. T. Thacker
J. Gregory