

Provisional: Not to be quoted without reference to the writer

R. V. TELLINA

Report for Cruise 17/1968

Staff: M. S. Rolfe Duration: 25 September -
 D. Brown 2 November
 M. Wardle (25 Sept.- 19 Oct.)
 P. Connor (17 Oct. - 2 Nov.)

Aim

To release measured and tagged scallops over the scallop grounds between Rame Head, Eddystone and Fowey for population and growth studies.

Narrative

Although TELLINA left Lowestoft on schedule on 25 September, she had to take shelter at Dover from 26 to 30 September and her arrival at Plymouth was delayed until 4 October when the scientific staff joined her. Dredging was limited to eleven days because of further bad weather. TELLINA left Plymouth on 31 October and arrived back in Lowestoft on the afternoon of 2 November. The scientific staff travelled back over land on 31 October.

Results

Eighty-four fifteen-minute hauls were made over the grounds between Rame Head, Eddystone Rocks and Fowey (areas which had previously been surveyed in November 1965 and June 1966), and all undamaged scallops (a total of 2,148) were tagged, measured and released over the areas from which they were caught.

An additional six hauls were made over an area of high density three and a half miles southwest by south of Rame Head and a further 211 scallops were double-tagged with a plastic tag stuck on with an epoxy resin preparation in addition to the wired-on tag normally used. These scallops were relaid over the same area of high density. The best catch of the survey of 116 scallops in fifteen minutes was made in this survey but elsewhere catches were generally poorer, especially to the westward, although the mean size of the scallops had increased.

The results of this cruise will shortly be made available in the form of a Shellfish Information Leaflet.

M. S. Rolfe
6.11.68.

Seen in draft: W. C.

Initialled: A. J. L.

Distribution;

Basic list, plus the following

Mr. Rolfe
Mr. Brown
Mr. Wardle
Mr. Connor