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R.1/6

8CR64

CRUISE REPORT

F.R.S. "G L U P E A"

August 31st - October 2nd, 1964

Objectives

- 1) To carry out a survey of herring larval distribution off the east coast of Scotland.
- 2) To assess the numbers of Pleurobrachia.

The northern part of the survey (Grid I) was completed by the beginning of the second week. Because of engine trouble during the second week and bad weather during the third and fourth weeks only parts of the southern survey (Grid II) were done during these weeks. A complete Grid II survey was carried out during the last week of the cruise.

The largest concentrations of herring larvae (estimated at up to 200 per haul) were found round Orkney and south to the east of Wick in the northern survey and between 56° to $56^{\circ}40'N$ and 1° to $1^{\circ}40'W$ in the southern survey. Few larvae were found between these two concentrations.

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T. Bruce
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29th October, 1964