

In confidence: Not to be quoted without
reference to the Laboratory.

2
8CR65

R.1/6

CRUISE REPORT

F.R.S. "CLUPEA"

6th September-9th October, 1965

Objective: A herring larval and hydrographic survey off the east coast from Aberdeen southwards.

Most of the hydrographic work was completed during the first week, and the remaining six stations in the following week. Temperatures at the surface ranged between 10.91° to 12.74° C and at the bottom between 7.90° to 11.97° C.

The weather was good for most of the period and the whole larval survey was completed nearly four times. In general, the catches of herring larvae over the survey area were very small. There were no recently hatched larvae and the ones caught were large, approximately 20-30 mm in length. In the first three weeks, most larvae were caught in an area 20 x 30 miles between 56°30' and 56°50' north and 01° to 02° west. The catches in this area were estimated to be under 100/haul. Larvae were caught later, further to the south; in the final week there was evidence that the larvae had drifted south-eastwards and the catch was reduced to an estimated 50/haul.

T. BRUCE
D.P. SHARMAN
G. McPHERSON

1st November, 1965