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reference to the Laboratory.

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CRUISE REPORT
F.R.V. "CLUPEA".
1st-13th July 1963.

The cruise was carried out according to plan, two hauls each day and two each night being made at the North end of the Buchan Deep. One haul of each pair was made using the large mesh wing.

Catches consisted principally of haddock in the range 16-40 cms. Night catches were about double the day catches. The effect of the large mesh wings was apparently to reduce catches by about 20%.

Light measurements suggest that even in daylight the intensity was near or below herding threshold. During the second week, photographs were taken by a camera hung on the forward upper spreading wire. Though fish seen from this viewpoint are not plentiful, the pictures make a start in the study of behaviour on the flanks of the net.

R. E. CRAIG

15th August, 1963.