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

CRUISE REPORTF.R.V. "CLUPEA"Moray Firth 0 + 1 Group SurveyFebruary 2-12, 1965

Personnel:-

N. P. Wilkins	S.O.
T. Bruce	S.S.A.
D. Dalgarno	S.A. (part-time)
A. D. Hawkins	(Bristol University) (part-time)

Due to a delay at refit, "Clupea" did not depart from Fraserburgh until the afternoon of 3rd February. All 21 stations were completed by 11th, and a further haul for blood samples was made on the 12th. Greater concentrations of herring were observed at the outer stations.

Throughout the cruise blood samples were collected by Mr. Wilkins and Mr. Dalgarno. Mr. Hawkins collected all gurnards caught, and the drumming muscles from Haddock.

N. P. WILKINS
3rd March, 1965