

International Council for the
Exploration of the Sea

C.M. 1963
H Herring Committee



Summary report over Danish participation in the joint
Herring Investigations in the Norwegian Sea

by

F. Hermann & K. Popp Madsen.

In the report of the editing group for the joint summer cruises in the Norwegian Sea it is recommended that reports as the following should be produced and distributed at the Herring Committee at the ICES-meeting 1963.

1. Cruise list.

All the Danish investigations are made in the area between 62°N to 65°30'N and between 12°W and 0°W. The list below gives a review of the cruises carried out from 1948-60.

2. The status of working up the material.

The material has partly been worked up and published as seen in the list below.

3. List of publications.

- a. Already published. See list enclosed.
- b. No publications are in press or
- c. in preparation.

List of Cruises 1948 - 1960.

Year	Month	Vessel	Hydrography	Fish localisation by Echo sounders	Plankton
1948	July-Aug.	R/V Dana	x	x	x
1950	June	R/V Dana	x	x	x
	July	R/V Dana	x	x	x
1951	June	R/V Dana	x	x	x
	Nov.-Dec.	R/V Dana	x	x	x
1952	March	H.M.S. Thetis	x	x	
	May	R/V Jens Væver	x	x	
	June	R/V Dana	x	x	x
	July	H.M.S. Thetis	x	x	
	Nov.	H.M.S. Thetis	x	x	

Year	Month	Vessel	Hydrography	Fish localisation by Echo sounders	Plankton
1953	May	H.M.S. Thetis	x	x	
	June	R/V Dana	x	x	x
	Aug.	H.M.S. Thetis	x	x	
	Sept.	H.M.S. Thetis	x	x	
1954	Jan.	H.M.S. Thetis	x	x	
	June	R/V Dana	x	x	
	July	H.M.S. Thetis	x	x	
1955	June	R/V Dana	x	x	x
1956	Apr.	H.M.S. Thetis	x	x	
	June	M/C Ternan	x	x	
	Sept.	H.M.S. Thetis	x	x	
1957	June	R/V Dana	x	x	x
1958	June	M/C Ternan	x	x	
1959	June	R/V Dana	x	x	x
1960	June	M/C Ternan		x	

Publications

a. Already published:

- Hermann, F. 1949: Hydrographic Conditions in the South-Western Part of the Norwegian Sea. Annales Biologiques, Vol. V, pp. 19-21.
- " 1951: Hydrographic Conditions in the South-Western Part of the Norwegian Sea. Ibid. Vol. VII, pp.13-18.
- Tåning, Å.V.1951: Occurrence of Herring North-East of the Faroe Islands, in June and August, 1950. Ibid. Vol. VII, pp. 119-120.
- Hermann, F. 1952: Hydrographic Conditions in the South-Western Part of the Norwegian Sea, 1951. Ibid. Vol. VIII, pp. 23-26.
- Tåning, Å.V.1952:(North-East of the Faroe Islands). Occurrence of Herring in June and about 1. December, 1951. Ibid. Vol. VIII, p.140.
- Hermann, F. 1953: Hydrographic Conditions in the Southern Part of the Norwegian Sea, 1952. Ibid. Vol. IX, pp. 22-25.
- Tåning, Å.V.1953: (North and North-East of the Faroe Islands). Occurrence of Herring. Ibid. Vol. IX, p. 167.
- Andersen, K.P. 1954: Hydrographic Conditions in the Southern Part of the Norwegian Sea, 1953. Ibid. Vol. X, pp. 20-23.
- Tåning, Å.V. 1954:(North and North-East of the Faroe Islands). Occurrence of Herring. Ibid. Vol. X, p. 147.
- Andersen, K.P. 1956: Hydrographic Conditions in the Southern Part of the Norwegian Sea, 1954. Ibid. Vol. XI, pp. 13-15.

- Tåning, Å.V. 1956: (North and North-East of the Faroe Islands). Occurrence of Herring. *Annales Biologiques*. Vol. XI, p.118.
- Hermann, F. 1957: Hydrographic Conditions in the Southern Part of the Norwegian Sea, June 1955. *Ibid.* Vol. XII, pp. 26-27.
- Tåning, Å.V. et al. 1957 a: Records from the Month of June of the Norwegian- Icelandic Herring Stock in the Open Ocean. *Ibid.* Vol. XII, pp.165-167.
- Tåning, Å.V. 1957 b: (North and North-East of the Faroe Islands). Occuring of Herring. *Ibid.* Vol. XII, p. 169.
- Tåning, Å.V. 1958: Occurence of Herring. North and North-East of the Faroes. *Ibid.* Vol. XIII, p. 179.
- Andersen, K.P. 1959: Hydrographic Conditions in the South-Western Part of the Norwegian Sea, 1957. *Ibid.* Vol. XIV, pp. 27-28
- Hansen, Vagn Kr. 1960: Investigations on the Quantitative and Qualitative Distribution of Zooplankton in the Southern Part of the Norwegian Sea. *Medd.Danm.Fisk.Havunders. N.S.* II, 23.
- Joensen, J. et al. 1961: International Herring Investigations in the Norwegian Sea, June 1959. *Annales Biologiques*, Vol. XVI, pp. 175-176.