

NORTHWEST ATLANTIC FISHERIES ORGANIZATION

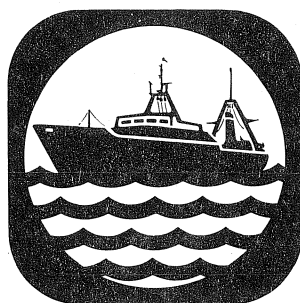


Scientific Council Studies
Number 10

Miscellaneous Selected Papers

Dartmouth, Canada
1986

NORTHWEST ATLANTIC FISHERIES ORGANIZATION



Scientific Council Studies
Number 10

Miscellaneous Selected Papers

Dartmouth, Canada
August, 1986

Foreword

In accordance with the mandate of the Scientific Council of NAFO to disseminate information of topical interest to the scientific community, the papers in this issue of *Studies* were nominated for publication by the Standing Committee on Publications from the research documents presented at meetings of the Council.

Apart from the *Journal of Northwest Atlantic Fishery Science* which contains peer-reviewed primary papers and notes on original research, the scope of *NAFO Scientific Council Studies* includes the publication of papers of topical interest and importance to the current and future activities of the Scientific Council, including contributions to special meetings and symposia, operational manuals for fisheries research, etc.

The nine previous issues of *NAFO Scientific Council Studies* are noted on the inside back cover of this volume.

1 August 1986

V. M. Hodder, Editor
Northwest Atlantic Fisheries Organization
Bedford Institute of Oceanography
P. O. Box 638
Dartmouth, Nova Scotia
Canada B2Y 3Y9

Contents

HANSEN, Holger, and Erik BUCH. Prediction of Year-class Strength of Atlantic Cod (<i>Gadus morhua</i>) off West Greenland	7
CORNUS, H. P. Development of a Bottom-trawl Survey for Atlantic Cod (<i>Gadus morhua</i>) off East Greenland, 1980-85	13
TRITES, R. W., and K. F. DRINKWATER. Overview of Environmental Conditions in the Northwest Atlantic during 1984	21
LARRANETA, M. G. Dynamics of Yellowtail Flounder and American Plaice Populations on the Grand Bank	35
CHUMAKOV, A. K., and S. G. PODRAZHANSKAYA. Feeding of Greenland Halibut (<i>Reinhardtius hippoglossoides</i>) in the Northwest Atlantic	47
AUSTER, Peter J. The Utility of Computing CPUE at Each Level of Effort in the Lobster Trap Fishery	53
KAPEL, Finn O. Trends in Catches of Harp and Hooded Seals in Greenland, 1939-83	57
HALLIDAY, R. G., J. McGLADE, R. MOHN, R. N. O'BOYLE, and M. SINCLAIR. Resource and Fishery Distributions in the Gulf of Maine Area in Relation to the Subarea 4/5 Boundary .	67
GILKINSON, Kent D. Review and Assessment of the Literature on Marine Benthic Molluscs (Amphineura, Bivalvia, Gastropoda) in Newfoundland and Labrador Waters	93
Notices	109

MAP ILLUSTRATING NAFO'S CONVENTION AREA AND 200-MILE FISHING ZONE BOUNDARIES

