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NORTHEAST FISHERIES CENTER

PUBLICATIONS AND REPORTS

1985

Edited by

Judith Brownlow

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National Marine Fisheries Service
Northeast Fisheries Center
Woods Hole, MA 02543

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PREFACE

The arrangement of this report of publications for 1985 reflects the structural reorganization of the Northeast Fisheries Center which went into effect in April, 1985.

The papers cited have been published to fulfill the mission of the Center regarding to provision of information on the status of the stocks/populations of living resources, the status of fisheries for exploited species, the effects of pollution and human alterations on the habitats of the resources, the effects of environmental variability, the quality and safety of fishery products, and the enhancement of anadromous fishery resources. The articles offer information on utilization and conservation of living marine resources and maintenance of environmental quality to the scientific community and the public.

This report differs from previous compilations of Center publications in that "gray" literature and reports have been included in addition to formal publications. Laboratory Reference Documents, Data Compilations, ICES CM Documents, NAFO SCR Documents, newspaper articles and other informal documents are included. From 1977 to 1983 the Center's formal publications were compiled by the Woods Hole Laboratory Library staff for the Collected Reprints of the Northeast Fisheries Center. The Northeast Fisheries Center Publications and Reports is now issued annually instead.

Acknowledgement is given to laboratory librarians Susie Hines (Oxford), Claire Steimle (Sandy Hook), and Barbara Sabo (Milford) for compiling lists of their laboratory's publications and reports. Acknowledgements are also given to the following Center personnel for compiling lists of publications and reports: Susan Rockwell - Woods Hole Laboratory; Judith Krzynowek - Resource Utilization Branch; Jennie Dunnington - Ecosystems Dynamics Branch; Jean Denecour - Marine Climatology Branch; and Arlene McClain - National Systematics Laboratory.

HOW TO OBTAIN A PUBLICATION

Publications can be requested directly from authors or from libraries where indicated at the following locations in the Northeast Fisheries Center:

Center Directorate, Research Planning and Coordination Staff, Information Services Section, and all branches of the CONSERVATION AND UTILIZATION DIVISION except the Resource Utilization Branch; the FISHERIES ECOLOGY DIVISION, Ecosystems Dynamics Branch and Food Chain Dynamics Investigation:

**Northeast Fisheries Center
Woods Hole Laboratory Library
Woods Hole, MA 02543**

CONSERVATION AND UTILIZATION DIVISION, Resource Utilization Branch:

**Northeast Fisheries Center
Gloucester Laboratory
Emerson Avenue
Gloucester, MA 01930-2599**

FISHERIES ECOLOGY DIVISION, Experimental Biology Branch:

**Northeast Fisheries Center
Milford Laboratory Library
212 Rogers Avenue
Milford, CT 06460**

ENVIRONMENTAL PROCESSES DIVISION, Physical Oceanography Branch, Marine Climatology Investigation and the FISHERIES ECOLOGY DIVISION, Ecosystems Dynamics Branch, Recruitment Investigation Apex Predators Investigation, Plankton Ecology Investigation:

**Northeast Fisheries Center
Narragansett Laboratory
RR7, South Ferry Road
Narragansett, RI 02882**

ENVIRONMENTAL PROCESSES DIVISION, Chemical Processes Branch and Environmental Assessment Branch:

**Northeast Fisheries Center
Sandy Hook Laboratory, Walford Library
Highlands, NJ 07732**

FISHERIES ECOLOGY DIVISION, Marine Pathology Branch:

**Northeast Fisheries Center
Oxford Laboratory Library
Oxford, MD 21654**

NATIONAL SYSTEMATICS LABORATORY

**Northeast Fisheries Center
10th and Constitution Avenue, NW
Washington, DC 20560**

PUBLICATIONS AND REPORTS - 1985

NORTHEAST FISHERIES CENTER

1.0 CENTER DIRECTORATE

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5.1 FISHERIES ECOLOGY DIVISION ECOSYSTEMS DYNAMICS BRANCH

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