

WOODS HOLE LABORATORY REFERENCE DOCUMENT NO. 87-02

**NORTHEAST FISHERIES CENTER
PUBLICATIONS AND REPORTS
1986**

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Northeast Fisheries Center
Woods Hole, MA 02543

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INTRODUCTION

This listing of Northeast Fisheries Center publications and reports for 1986 follows the form of the compilation of Center publications for 1985 in that "gray" literature has been included in addition to formal (i.e., peer reviewed) publications. *Woods Hole Laboratory Reference Documents*, *ICES C.M. Documents*, and *NAFO SCR Documents*, in addition to some other non-peer reviewed documents have been included. From 1977 through 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.

Part I of this compilation is an alphabetical list of the Northeast Fisheries Center's formal (peer-reviewed) publications by author's last name. Part II is an alphabetical list of the Northeast Fisheries Center's informal (non-peer reviewed) reports.

The listed publications and reports have been published to fulfill the mission of the Center to: 1) better understand the living marine resources (including marine mammals) of the northwest Atlantic ocean and the environmental quality essential for their existence and continued productivity; and 2) describe and provide to management, industry and the public, options for the utilization and conservation of living marine resources and maintenance of environmental quality which are consistent with national and regional goals and needs, and international commitments.

Users of these publications and reports include resource and habitat managers, commercial and recreational fisheries interests, the scientific community, academia, conservation and environmental organizations, seafood consumers, and the general public.

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

HOW TO OBTAIN A COPY OF A PUBLICATION

Copies of a publication or report listed in this compilation may be obtained by writing to the author. If the first author is not at the Northeast Fisheries Center, the author to write to is indicated in bold letters. If the scientist is no longer with the Northeast Fisheries Center, an instruction on how to obtain a copy is noted with the citation.

In "Part I. Peer Reviewed Publications," the geographic location of the laboratory of origin is given in bold letters after each citation. A complete mailing address is given below for each Northeast Fisheries Center laboratory location. Publication requests may be sent to the libraries at four of the locations (Milford, CT; Oxford, MD; Sandy Hook, NJ; and Woods Hole, MA).

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

Northeast Fisheries Center
Woods Hole Laboratory LIBRARY
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Northeast Fisheries Center
Milford Laboratory LIBRARY
212 Rogers Avenue
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Narragansett Laboratory
RR7, South Ferry Road
Narragansett, RI 02882

Northeast Fisheries Center
Oxford Laboratory LIBRARY
Oxford, MD 21654

Northeast Fisheries Center
Sandy Hook Laboratory
WALFORD LIBRARY
Highlands, NJ 07732

Northeast Fisheries Center
National Systematics Laboratory
National Museum of Natural History
10th and Constitution Avenue, NW
Washington, DC 20560

PUBLICATIONS AND REPORTS - 1986

PART I. PEER REVIEWED PUBLICATIONS

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Effect of regurgitation on stomach content data of marine
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Cobb, J. Stanley, David Wang, **R. Anne Richards**, and Michael J. Fogarty. 1986.

Competition among lobsters and crabs and its possible effects in Narragansett Bay, Rhode Island, pp. 282-290. In: North Pacific Workshop on Stock Assessment and Management of Invertebrates. Edited by G.S. Jamieson and N. Bourne. *Canadian Special Publication of Fisheries and Aquatic Sciences* 92. (Woods Hole, MA)

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Families Bregmacerotidae, Moridae, and Melanonidae, p. 711-724. In: *Fishes of the North-eastern Atlantic and Mediterranean*, Vol. II. Edited by P.J.P. Whitehead et.al. UNESCO, Paris. (Washington, DC)

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Recreational fisheries and the environment: Past, present, and future. *Sandy Hook Laboratory Technical Series Report* No. 32. **(Sandy Hook, NJ)**
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Some statistical techniques for estimating abundance indices from trawl surveys. *Fishery Bulletin* 84(3): 519-525. **(Woods Hole, MA)**
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PART II: NON-PEER REVIEWED PUBLICATIONS AND REPORTS

Almeida, Frank, Michael J. Fogarty, Stephen H. Clark and Josef S. Idoine. 1986.

An evaluation of precision of abundance estimates derived from bottom trawl surveys off northeastern United States. *ICES C.M.* 1986/G:91. **(Woods Hole, MA)**

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Bottom temperatures on the continental shelf and slope southeast of Sandy Hook, New Jersey, in 1983. *Annales Biologiques* 40: 14-16. **(Narragansett, RI)**

Armstrong, Reed S. 1986.

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A study of the relationship between diversity indices of benthic communities and heavy metal concentrations of northwest Atlantic sediments. Pennsylvania State University Center for Statistical Ecology and Environmental Statistics. Technical Report 86-1204. **(Sandy Hook, NJ)**

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Progress of studies at the sewage sludge accumulation site
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Report 86-01. **(Sandy Hook, NJ)**
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- Foster, Karen L. 1986.
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