NOAA Technical Memorandum NMFS-F/NEC-96

An Indexed Bibliography of Northeast Fisheries Science Center Publications and Reports for 1989

U. S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Marine Fisheries Service
Northeast Region
Northeast Fisheries Science Center
Woods Hole, Massachusetts

November 1992

Recent issues in this series

64. The Shell Disease Syndrome in Marine Crustaceans. By Carl J. Sindermann. February 1989. v + 43 p., 5 figs., 2 tables. NTIS Access. No. PB89-162523/AS.

65. Stock Assessment Information for Pollock, Pohchius virens (L.), in the Scotian Shelf, George Bank, and Gulf of Maine Regions By Ralph K. Mayo, Stephen H. Clark, and M. Christina Annand. April 1989. **vi + 14** p., 6 figs., 14 tables. NTIS Access. No. PB90 120676/AS.

66. Guidelines for Estimating Lengths at Age for 18 Northwest Atlantic Finfish and Shelifish Species. By Judith **A.** Pentilla, Gary A. Nelson, and John **M.** Burnett, III. May 1989. iii + 39 p., 18 figs., 19 tables. NTIS Access. No. PB90-**120675/AS**

67. Response of the Habitat and Biota of the Inner New York Bight to Abatement of Sewage Sludge Dumping. Second Annual Progress Report - 1988. By Environmental Processes Division, Northeast Fisheries Center. July 1989. vii + 47 p., 39 figs., 11 tables, 3 app. NTIS Access. No. PB90-125444/AS.

68. MARMAP Surveys of the Continental Shelffrom Cape Hatteras, North Caroliia, to Cape Sable,Nova Scotia (1984-87). Atlas No. 3. Summary of Operations. By John D. Sibunka and **Myron** J. Silverman. July **1989.** iv + 197 p., 36 figs., 2 tables. NTIS Access. No. PB90-160656/AS.

69. The 1988 Experimental Whiting Fishery: A NMFS/Industry Cooperative Program. By Frank P. Almeida, Thurston S. Burns, and Sukwoo Chang. August 1989. v + 16 p., 9 figs., 11 tables, 1 app. NTIS Access. No. PB90-160664/AS.

70. Summer Distribution of Regulated Species on Georges Bank with Reference to the 1988 Experimental Whiting Fishery. By Frank P. Aimeida, Sukwoo Chang, and Thurston S. Burns. September 1989. v+ 25 p., 74 figs., **1** table. NTIS **Access. No. PB90-206525/AS.**

71. Allocation of Statewide-Reported MRFSS Catch and Landings Statistics between Areas: **Application to Winter Flounder.** By Frank P. Almeida. September 1989. v + 18 p., 5 figs., 6 tables, 2 app. NTIS Access. No. PB90-**246745.**

72. Status of the Fishery Resources off the Northeastern United States for 1989. By Conservation and Utilization Division, Northeast Fisher&Center. December 1989. iv + 1 lop., 50 figs., 93 tables. NTIS **Access.** No. PB90170622/AS.

73. Surface and Bottom Temperature Distribution for the Northeast Continental Shelf. By David G. Mountain and Tamara J. Holzwarth. December 1989. iii + 32 p., 31 figs. NTIS Access. No. PB90-252172/AS.

74. Shell Disease of Crustaceans in the New York Bight. By C.J. Sindermann (chair.), F. Csulak (EPA word.), T.K. Sawyer (rapp.), R.A. Bullis, D.W. Engel, B.T. Estrella, E.J. Noga, J.B. Pearce, J.C. Rugg, R. Runyon, J.A. Tiedemann, and R.R. Young. December 1989. vii + 47 p., 7 figs., 4 tables, 4 app. NTIS Access. No. PB90195058/AS.

75. An Indexed Bibliography of Northeast Fisheries Center Publications and Reports for 1988. By Jon A. Gibson. December 1989. iii + 32 p. NTIS Access. No. PB91-112912.

76. finfish Maturity Sampling and Classification Schemes Used during Northeast Fisheries Center Bottom Trawl Surveys, 1963-89. By Jay Burnett, Loretta O'Brien, Ralph K. Mayo, Jeffrey **A.** Darde, and Margot L. Bohan. December 1989. iii+14 p., 11 tables, 1 app. NTIS Access. No. PB91-128389/AS.

77. Shell Disease among Red Crabs Inhabiting Submarhie Canyons of the New York Bight. By Randall R. Young. December 1989. iii+9 p., 18 figs., 5 tables. NTIS **Access.** No. PB90-194762/AS.

78. Seasonal Distribution Patterns of Commercial Landings of 45 Species off the Northeastern United States during 1977-88. By Sukwoo Chang. October 1990. v+ 130 p., 246 figs. NTIS Access. No. PB91-160846.

(continued on inside back cover)

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BIBLIOGRAPHIC INFORMATION

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Abstract: The following list of peer-reviewed publications, non-peer-reviewed publications, and published abstracts by Northeast Fisheries Science Center employees is the 13th issue in an annual series of such lists. Authors who were Center employees at the time they prepared their publications and reports, and/or who were Center employees during 1989, are denoted in the list by all capital letters. Editorial treatment of bibliographic entries is based on the CBE Style Manual, third edition (1972). Although more recent editions (i.e., fourth and fifth) are available, the third edition has been used to maintain consistency of editorial treatment among the issues of this series of publications lists.

NOAA Technical Memorandum NMFS-F/NEC-96

This TM series is used for documentation and timely communication of preliminary results, interim reports, or special purpose information, and has not undergone external scientific review.

An Indexed Bibliography of Northeast Fisheries Science Center Publications and Reports for 1989

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November 1992

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Single copies of most (but not all) listed publications, reports, and abstracts are available free of charge -- subject to supply. Address all requests to: Information Services Unit, Northeast Fisheries Science Center, 166 Water St., Woods Hole, MA 02543- 1097, USA.

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INTRODUCTION

The following list of peer-reviewed publications, non-peer-reviewed publications, and published abstracts by Northeast Fisheries Science Center employees is the 13th issue in annual series of such lists.? The lists for 1977-83 were issued as the "Collected Reprints of the Northeast Fisheries Center" ("Collected Reprints").]Each issue of the Collected Reprints included a copy of each peer-reviewed publication by Center employees. The lists for 1984-86 were issued as the "Northeast Fisheries Center Publications and Reports" ("Publications List"). The 1984 issue of the Publications List included a list of the peer-reviewed publications by Center employees. The 1985 and 1986 issues of the Publications List included a list of both peer-reviewedpublications and some of the non-peer-reviewed publications andreports by Center employees. Primary purpose of the Collected Reprints and Publications List was documentation of Center publications and reports.

The list for 1987 was issued as "An Indexed Bibliography of Northeast Fisheries Center Publications and Reports" ("Indexed Bibliography"). The Indexed Bibliography expanded the purpose of the series to include not only documentation, but also reference. The reference role was accomplished throughsubject and author indices. The subject index was further divided into three subindices -- "Organisms," "Areas," and "Topics" -- to facilitate its use by those in the fisheries research and management fields. The 1988 issue of the Indexed Bibliography differed from the 1987 issue in that published abstracts were included, and that indices were cross-referenced. This 1989 issue is similar to the 1988 issue.

Some of the publications and reports by Center employees deal more with administrative than scientific matters. Consequently, not all publications and reports are appropriate for this document. Only those publications and reports are included that have been specifically identified and provided by the Center's Executive Staff, Several publications andreports which have 1988 publication dates, but which were inadvertently omitted by the Executive Staff from the 1988 issue, have been included in this 1989 issue. They are noted by a '*"Authors who were Center employees at the time they prepared their publications and reports, and/or who were Center employees during 1989, are denoted in the list by all capital letters.

Editorial treatment of bibliographic entries is based on the *CBE* Style Manual, third edition (1972). Although more recent editions (i.e., fourth and fifth) are available, the third edition has been used to maintain consistency of editorial treatment among the issues of this series of publications lists, Also, there are many foreign recipients of the issues of this series, most of whom do not use English as a primary language. Because English-language-based acronyms are particularly difficult to comprehend by non-English-using readers, I have employed the editorial convention of including the standardized abbreviations of acronyms within squared brackets immediately following the acronyms.

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INDICES

ORGANISMS

For those fishes, mollusks, and crustaceans covered by the American Fisheries Society's (AFS's) respective lists of common and scientific names', only the common name -- if there is one --is mentioned in the following index. For organisms covered by the AFS lists for which no common name exists, the scientific name is mentioned, followed by the encompassing order and family names within parentheses.

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