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**An Indexed Bibliography
of Northeast Fisheries Center
Publications and Reports
for 1987**

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

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An Indexed Bibliography of Northeast Fisheries Center Publications and Reports for 1987

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1. INTRODUCTION

The following list of publications and reports by Northeast Fisheries Center employees is the 11th issue in an annual series of such lists. The lists for 1977-83 were issued as the "Collected Reprints of the Northeast Fisheries Center" (CRNFC). Each issue of the CRNFC 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" (NFCPR). The 1984 issue of the NFCPR included a list of the peer-reviewed publications by Center employees. The 1985 and 1986 issues of the NFCPR included a list of both peer-reviewed publications and some of the non-peer-reviewed reports by Center employees. Primary purpose of the CRNFC and NFCPR was documentation of Center publications and reports.

This document, "An Indexed Bibliography of Northeast Fisheries Center Publications and Reports for 1987," expands the purpose of the series to include not only documentation, but also reference. The reference role of this document is accomplished through subject and author indices. The subject index is composed of three subindices--"Organisms," "Areas," and "Topics"--and has been so customized to facilitate its use by those in the fisheries research and management fields.

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 were specifically identified and provided by the Center's Executive Staff. Several publications and reports which were issued in 1985 and 1986, but which were inadvertently omitted by those preparing the 1985 and 1986 issues of the NFCPR, have been included in this 1987 list. They are noted by a "*". For several of the publications and reports that were identified by the Executive Staff for inclusion in this 1987 list, the reprints or copies were not available for indexing purposes. Consequently, the key words for those publications and reports were developed in telephone conversation with the senior authors. They are noted by a "§". Authors who were Center employees for all or part of 1987 are denoted in the list by all capital letters.

2. PEER-REVIEWED MEDIA

1. ALMEIDA, F. P. 1987. Stock definition of silver hake in the New England - Middle Atlantic area. *N. Amer. J. Fish. Manage.* 7(2):169-186.
2. AZAROVITZ, T. R., and M. D. GROSSLEIN. 1987. Fishes and squids. Pages 315-346 in R. H. Backus, ed. *Georges Bank*. The MIT Press, Cambridge, Mass.
3. BEJDA, A. J., A. L. STUDHOLME, and B. L. Olla. 1987. Behavioral responses of red hake, *Urophycis chuss*, to decreasing concentrations of dissolved oxygen. *Environ. Biol. Fish.* 19(4):261-268.
4. BODAMMER, J. E. 1987. A preliminary study on the corneas of American sand lance larvae exposed to copper. Pages 439-448 in W. B. Vernberg, A. Calabrese, F. P. Thurberg, and F. J. Vernberg, eds. *Pollution physiology of estuarine organisms*. Univ. of South Carolina Press, Columbia.
5. BOREMAN, J., and R. R. LEWIS. 1987. Atlantic coastal migration of striped bass. *Amer. Fish. Soc. Symp.* 1:331-339.
6. Botton, M. L., and J. W. ROPES. 1987. Populations of horseshoe crabs, *Limulus polyphemus*, on the northwestern Atlantic continental shelf. *Fish. Bull., U.S.* 85(4):805-812.
- §7. Botton, M. L., and J. W. ROPES. 1987. The horseshoe crab, *Limulus polyphemus*, fishery and resource in the United States. *Mar. Fish. Rev.* 49(3):57-61.
8. BOWMAN, R. E., T. R. AZAROVITZ, E. S. HOWARD, and B. P. HAYDEN. 1987. Food and distribution of juveniles of seventeen Northwest Atlantic fish species, 1973-1976. NOAA [Nat. Ocean. Atmos. Admin.] Tech. Mem. NMFS [Nat. Mar. Fish. Serv.] -F/NEC-45. 57 pp.
9. Brown, B. E., G. H. Darcy, and W. OVERHOLTZ. 1987. Stock assessment/stock identification: an interactive process. Pages 1-24 in H. E. Kumpf (chief), R. M. Vaught, C. B. Grimes, A. G. Johnson, and E. L. Nakamura, eds. *Proceedings of the Stock Identification Workshop*, November 5-7, 1985, Panama City Beach, Florida. NOAA [Nat. Ocean. Atmos. Admin.] Tech. Mem. NMFS [Nat. Mar. Fish. Serv.] -SEFC-199.

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13. COHEN, E. B., and M. D. GROSSLEIN. 1987. Production on Georges Bank compared with other shelf ecosystems. Pages 383-391 in R. H. Backus, ed. Georges Bank. The MIT Press, Cambridge, Mass.
14. COLLETTE, B. B. 1987. The systematics community. Copeia 1987(1):261-264. (Book rev.)
15. CONSERVATION & UTILIZATION DIVISION, NORTHEAST FISHERIES CENTER. 1987. Status of the fishery resources off the northeastern United States for 1987. NOAA [Nat. Ocean. Atmos. Admin.] Tech. Mem. NMFS [Nat. Mar. Fish. Serv.] - F/NEC-50. 132 pp.
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17. CROSBY LONGWELL, A. 1987. Critical review of methodology and potential for interspecific hybridization. Pages 3-21 in K. Tiews, ed. Proceedings of the World Symposium on Selection, Hybridization, and Genetic Engineering in Aquaculture. Volume II. Heenemann Ver Lagsgesellschaft, Berlin.
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62. THEROUX, R. B., and M. D. GROSSLEIN. 1987. Benthic fauna. Pages 283-295 in R. H. Backus, ed. Georges Bank. The MIT Press, Cambridge, Mass.
63. TINKER, B. L., R. J. LEARSON, and J. W. Slavin. 1987. Industrial application of a computerized time-temperature monitoring system for measuring the freshness of chilled fish. Pages 403-411 in D. E. Kramer and J. Liston, eds. Seafood quality determination. Elsevier Scientific Publishing Co., Amsterdam.
64. Vernberg, W. B., A. CALABRESE, F. P. THURBERG, and F. J. Vernberg, eds. 1987. Pollution physiology of estuarine organisms. Univ. of South Carolina Press, Columbia. 458 pp.
65. Walsh, J. J., T. E. Whittlesey, J. E. O'REILLY, W. C. PHOEL, and A. F. DRAXLER. 1987. Nitrogen cycling on Georges Bank and the New York shelf: a comparison between well-mixed and seasonally stratified waters. Pages 234-246 in R. H. Backus, ed. Georges Bank. The MIT Press, Cambridge, Mass.
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3. NON-PEER-REVIEWED MEDIA

71. ALMEIDA, F. P. 1987. Status of the silver hake resource off the Northeast coast of the United States--1987. [Nat. Mar. Fish. Serv., Northe. Fish. Ctr.,] Woods Hole Lab. Ref. Doc. No. 87-03. 60 pp.
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75. BARTON, K. W. 1987. Report of water masses receiving wastes from ocean dumping at the 106-Mile Dumpsite: October 1, 1985 through September 30, 1986. [Nat. Mar. Fish. Serv., Northe. Fish. Ctr.,] Mar. Climatol. Invest. Data Anal. Prod. No. 23. 13 pp.
- *76. BENWAY, R. L. 1986. Expendable bathythermograph observations from the NMFS/MARAD Ship of Opportunity Program for 1985. [Nat. Mar. Fish. Serv., Northe. Fish. Ctr.,] Mar. Climatol. Inv. Data Anal. Prod. No. 21. 19 pp.
77. BENWAY, R. L. 1987. Expendable bathythermograph observations from the NMFS/MARAD Ship of Opportunity Program for 1986. [Nat. Mar. Fish. Serv., Northe. Fish. Ctr.,] Mar. Climatol. Invest. Data Anal. Prod. No. 22. 14 pp.
78. BENWAY, R. L. 1987. Water column thermal structure across the shelf and slope southeast of Sandy Hook, New Jersey in 1986. NAFO [Northw. Atl. Fish. Organ.] SCR [Sci. Counc. Res.] Doc. No. 87/16. Ser. No. N1296. 6 pp.
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81. [CONSERVATION & UTILIZATION DIVISION, NORTHEAST FISHERIES CENTER.] 1987. Report of the Fourth NEFC Stock Assessment Workshop (Fourth SAW). [Nat. Mar. Fish. Serv., Northe. Fish. Ctr.,] Woods Hole Lab. Ref. Doc. No. 87-07. 102 pp.
82. [CONSERVATION & UTILIZATION DIVISION, NORTHEAST FISHERIES CENTER.] 1987. Status of mixed species demersal finfish resources in New England and scientific basis for management. [Nat. Mar. Fish. Serv., Northe. Fish. Ctr.,] Woods Hole Lab. Ref. Doc. No. 87-08. 105 pp.
83. FOSTER, K. L. 1987. Status of winter flounder (Pseudopleuronectes americanus) stocks in the Gulf of Maine, Southern New England, and Middle Atlantic areas. [Nat. Mar. Fish. Serv., Northe. Fish. Ctr.,] Woods Hole Lab. Ref. Doc. No. 87-06. 70 pp.
84. INGHAM, M. C., and G. WOOD. 1987. Variations in the spring windfield in the northwestern Atlantic, 1946-1985; a progress report. NAFO [Northw. Atl. Fish. Organ.] SCR [Sci. Counc. Res.] Doc. 87/15. Ser. No. N1295. 12 pp.
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89. PRICE, C. A., and K. W. BARTON. 1987. Anticyclonic warm core Gulf Stream rings off the northeastern United States during 1986. NAFO [Northw. Atl. Fish. Organ.] SCR [Sci. Counc. Res.] Doc. 87/14. Ser. No. N1294. 19 pp.
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91. SERCHUK, F. M., and S. E. WIGLEY. 1987. Evaluation of the Southern New England/Mid-Atlantic seasonal area closure in reducing fishing mortality and enhancing spawning opportunities for yellowtail flounder: an historical assessment. [Nat. Mar. Fish. Serv., Northe. Fish. Ctr.,] Woods Hole Lab. Ref. Doc. No. 87-04. 28 pp.
92. TERCEIRO, M. 1987. Status of Atlantic coast bluefish--1987. [Nat. Mar. Fish. Serv., Northe. Fish. Ctr.,] Woods Hole Lab. Ref. Doc. No. 87-10. 54 pp.
93. TERCEIRO, M. 1987. Using the marine recreational fishery statistics survey (MRFSS) in stock assessments. [Nat. Mar. Fish. Serv., Northe. Fish. Ctr.,] Woods Hole Lab. Ref. Doc. No. 87-11. 15 pp.

4. SUBJECT INDEX

Because of the relatively few entries in the bibliography, the accompanying index is relatively small. Consequently, the index has been designed as a limited-entry, non-hierarchical index with no cross-referencing. In the "Organisms" subindex, individual species are listed primarily by common name. For species covered by Robins et al. (1980)*, the common name follows Robins et al., and no scientific name is given. For all other species, the common name--if one exists--is followed by a scientific name. Those species without a common name ("n.c.n.") have only the scientific name, followed by an identifying family or order name.

4.1 Organisms

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* Robins, C. R. (Chairman), R. M. Bailey, C. E. Bond, J. R. Brooker, E. A. Lachner, R. N. Lea, and W. B. Scott, eds. 1980. A list of common and scientific names of fishes from the United States and Canada, fourth ed. Amer. Fish. Soc. Spec. Pub. 12. 174 pp.

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