| Northeast | Figheries | Science | Center | Reference | Document | 06 - 16 |
|-----------|------------|---------|--------|-----------|----------|---------|
| Northeast | risileries | Science | Center | Reference | Document | VO-10 |

Northeast Fisheries Science Center Publications, Reports, and Abstracts for Calendar Year 2005

by Laura Garner and Jessie Gunnard

Recent Issues in This Series

- 05-16 Northeast Fisheries Science Center Publications, Reports, and Abstracts for Calendar Year 2004, by L Garner. October 2005.
- 05-17 Modification of Defined Medium ASP₁₂ for Picoplankter Aureococcus anophagefferens, with Limited Comparison of Physiological Requirements of New York and New Jersey Isolates, by JB Mahoney. November 2005.
- 05-18 Program Planning and Description Documents for the Northeast Fisheries Science Center, Its Component Laboratories, and Their Predecessors during 1955-2005, by JA Gibson. December 2005.
- 05-19 Seasonal Management Area to Reduce Ship Strikes of Northern Right Whales in the Gulf of Maine, by RL Merrick. December 2005.
- **42nd SAW Assessment Summary Report**, by the 42nd Northeast Regional Stock Assessment Workshop. January 2006.
- 06-02 The 2005 Assessment of the Gulf of Maine Atlantic Cod Stock, by RK Mayo and LA Col. March 2006.
- 06-03 Summer Abundance Estimates of Cetaceans in US North Atlantic Navy Operating Areas, by DL Palka. March 2006.
- 06-04 Mortality and Serious Injury Determinations for Baleen Whale Stocks along the Eastern Seaboard of the United States, 2000-2004, by TVN Cole, DL Hartley, and M Garron. April 2006.
- 06-05 A Historical Perspective on the Abundance and Biomass of Northeast Complex Stocks from NMFS and Massachusetts Inshore Bottom Trawl Surveys, 1963-2002, by KA Sosebee and SX Cadrin. April 2006.
- 06-06 Report of the GoMA GOOS Workshop on Objectives of Ecosystem Based Fisheries Management in the Gulf of Maine Area, Woods Hole, Massachusetts, 11-13 May 2004, by S Gavaris, WL Gabriel, and TT Noji, Co-Chairs. April 2006.
- 06-07 Vida de los Pescadores Costeros del Pacífico desde México a Perú y su Dependencia de la Recolecta de Conchas (Anadara spp.), Almejas (Polymesoda spp.), Ostiones (Crassostrea spp., Ostreola spp.), Camarones (Penaeus spp.), Cangrejos (Callinectes spp.), y la Pesca de Peces de Escama en Los Manglares [The Fishermen's Lives in Pacific Coast Villages from Mexico to Peru, Supported by Landings of Mangrove Cockles (Anadara spp.), Clams (Polymesoda spp.), Oysters (Crassostrea spp., Ostreola spp.), Shrimp (Penaeus spp.), Crabs (Callinectes spp.), and Finfish], by CL MacKenzie Jr and RJ Buesa. April 2006.
- 06-08 Bloom History of Picoplankter *Aureooccus anophagefferens* in the New Jersey Barnegat Bay-Little Egg Harbor System and Great Bay, 1995-1999, by JB Mahoney, PS Olsen, and D Jeffress. May 2006.
- 06-09 **42nd Northeast Regional Stock Assessment Workshop (42nd SAW) Stock Assessment Report**, by the Northeast Fisheries Science Center. May 2006.
- 06-10 Assessment of the Georges Bank Atlantic Cod Stock for 2005, by L O'Brien, N Shepherd, and L Col. June 2006.
- O6-11 **Stock Assessment of Georges Bank Haddock, 1931-2004**, by J Brodziak, M Traver, L Col, and S Sutherland. June 2006.
- 06-12 Report from the Atlantic Surfclam (*Spisula solidissima*) Aging Workshop Northeast Fisheries Science Center, Woods Hole, MA, 7-9 November 2005, by L Jacobson, S Sutherland, J Burnett, M Davidson, J Harding, J Normant, A Picariello, and E Powell. July 2006.
- 06-13 Estimates of Cetacean and Seal Bycatch in the 2004 Northeast Sink Gillnet and Mid-Atlantic Coastal Gillnet Fisheries, by DL Belden, CD Orphanides, MC Rossman, and DL Palka. July 2006.
- 06-14 **43rd SAW Assessment Summary Report**, by the 43rd Northeast Regional Stock Assessment Workshop. July 2006.
- 06-15 **Documentation for the Energy Modeling and Analysis eXercise (EMAX)**, by JS Link, CA Griswold, ET Methratta, and J Gunnard, Editors. August 2006.

Northeast Fisheries Science Center Publications, Reports, and Abstracts for Calendar Year 2005

by Laura Garner¹ and Jessie Gunnard

¹National Marine Fisheries Service, 166 Water St., Woods Hole MA 02543 Laura.Garner@noaa.gov

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

August 2006

Northeast Fisheries Science Center Reference Documents

This series is a secondary scientific series designed to assure the long-term documentation and to enable the timely transmission of research results by Center and/or non-Center researchers, where such results bear upon the research mission of the Center (see the outside back cover for the mission statement). These documents receive internal scientific review but no technical or copy editing. The National Marine Fisheries Service does not endorse any proprietary material, process, or product mentioned in these documents.

All documents issued in this series since April 2001, and several documents issued prior to that date, have been copublished in both paper and electronic versions. To access the electronic version of a document in this series, go to http://www.nefsc.noaa.gov/nefsc/publications/series/crdlist.htm. The electronic version will be available in PDF format to permit printing of a paper copy directly from the Internet. If you do not have Internet access, or if a desired document is one of the pre-April 2001 documents available only in the paper version, you can obtain a paper copy by contacting the senior Center author of the desired document. Refer to the title page of the desired document for the senior Center author's name and mailing address. If there is no Center author, or if there is corporate (i.e., non-individualized) authorship, then contact the Center's Woods Hole Laboratory Library (166 Water St., Woods Hole, MA 02543-1026).

This document's publication history is as follows: manuscript submitted for review -- July 17, 2006; manuscript accepted through technical review -- August 9, 2006; manuscript accepted through policy review -- August 10, 2006; and final copy submitted for publication -- August 10, 2006. This document may be cited as:

Garner L, Gunnard J. 2006. Northeast Fisheries Science Center Publications, Reports, and Abstracts for Calendar Year 2005. US Dep. Commer., *Northeast Fish. Sci. Cent. Ref. Doc.* 06-16; 26 p. Available from: National Marine Fisheries Service, 166 Water Street, Woods Hole, MA 02543-1026.

Table of Contents

| Ordering Information | |
|----------------------|----|
| Introduction | V |
| Acknowledgments | |
| Publications | 1 |
| Reports | 8 |
| Abstracts | 14 |
| | |

LIST OF ACRONYMS

AFS = <u>American Fisheries Society</u>

ASIH = American Society of Ichthyologists and Herpetologists
ASLO = American Society of Limnology and Oceanography

ICCAT = International Commission for the Conservation of Atlantic Tunas

ICES = International Council for the Exploration of the Sea
IEEE = Institute of Electrical and Electronics Engineers

IGARSS = International Geoscience And Remote Sensing Symposium

IWC = International Whaling Commission

MTS = Marine Technology Society

NAFO = Northwest Atlantic Fisheries Organization
NASA = National Aeronautics and Space Administration

NEFSC = Northeast Fisheries Science Center NMFS = National Marine Fisheries Service

NOAA = National Oceanic and Atmospheric Administration
PAME = Protection of the Arctic Marine Environment
SOWER = Southern Ocean Whaling and Ecosystem Research
TRAC = Transboundary Resource Assessment Committee

WGFAST = Working Group on Fisheries Acoustics Science And Technology

Ordering Information

This document links each entry to an e-mail request to the senior NEFSC author or to a contact acting in his/her stead. E-mail requests are recommended. If you need to request a copy of a work by mail, the postal address for the senior NEFSC author or contact is associated with the bracketed two-letter code at the end of the entry. The key to the codes is as follows:

- MF = NOAA National Marine Fisheries Service, 212 Rogers Ave., Milford, CT 06460-6435
- NB = NOAA/UMass Cooperative Marine Education and Research Program, c/o School for Marine Science & Technology, 706 South Rodney French Boulevard, New Bedford, MA 02744-1221
- NG = NOAA National Marine Fisheries Service, 28 Tarzwell Dr., Narragansett, RI 02882-
- NS = NOAA National Marine Fisheries Service, National Systematics Laboratory, Smithsonian Institution, P.O. Box 37012, National Museum of Natural History, Room 57WC, MRC 0153, Washington, DC 20013-7012
- OR = NOAA National Marine Fisheries Service, ASRC Field Station, P.O. Box 190, Orono, ME 04473
- RG = NOAA/Rutgers University Cooperative Marine Education and Research Program, c/o Institute of Marine and Coastal Sciences, P.O. Box 231, New Brunswick, NJ 08903-0231
- RI = NOAA/University of Rhode Island Cooperative Marine Education and Research Program, c/o Graduate School of Oceanography, Narragansett Bay Campus, Narragansett, RI 02882-1197
- SH = NOAA National Marine Fisheries Service, 74 Magruder Rd., Highlands, NJ 07732
- VA = NOAA/Virginia Cooperative Marine Education and Research Program, Virginia Institute of Marine Science, Gloucester Point, VA 23062
- WH = NOAA National Marine Fisheries Service, 166 Water St., Woods Hole, MA 02543-1026

Introduction

The following bibliography consists of three sections: (1) anonymously peer-reviewed publications ("publications"); (2) transparently (not anonymously) peer-reviewed and non-peer reviewed publications ("reports"); and (3) abstracts for oral presentations and poster displays ("abstracts"). The bibliography covers works prepared by Northeast Fisheries Science Center (NEFSC) employees which have a 2005 publication date. Authors who were NEFSC employees at the time they composed their works, and/or who were NEFSC employees during all or part of 2005, are designated by capital letters.

Works which have a pre-2005 publication date but which were not released until 2005, or which have a 2005 publication date but had not been released at the time this list was published, have been included in this issue. They are noted by an asterisk (*) next to the publication date.

Editorial treatment of bibliographic entries is largely based on the Council of Science Editors style manual, seventh¹ edition. Special treatment includes the use of "pnk" and "np" throughout the "abstracts" section, to indicate the pagination is not known or the document is not paginated, respectively. A hyperlinked list of organization acronyms has been included on the Table of Contents page.

Availability of reprints of publications and of photocopies of reports and abstracts varies for each work. Any initial request for a reprint or photocopy should be directed to the sole/senior NEFSC author of the work. See "Ordering Information" for details. The NEFSC's Woods Hole Laboratory Library maintains an extensive but not complete archive for publications and reports by NEFSC authors, and may be able to supply a copy if the author cannot do so. Secondary requests to the library for a publication or report should be in writing (National Marine Fisheries Service, Northeast Fisheries Science Center, Woods Hole Laboratory Library, 166 Water St., Woods Hole, MA 02543-1026).

Bibliographies of publications, reports, and abstracts for earlier years are available online at: http://www.nefsc.noaa.gov/nefsc/publications/lists/lists.htm.

-

¹ Council of Science Editors, Style Manual Committee. 2006. Scientific style and format: the CSE manual for authors, editors, and publishers. 7th ed. Reston, VA: The Council; 658 p.

Acknowledgment

Thanks to Jon Gibson for the years he put into single-handedly building, refining, and maintaining the Center publications lists. His attention to detail and interest in keeping up-to-date on ever-changing bibliographic techniques made this annual volume a comprehensive and very useful document, and greatly eased the transition from paper to internet.

PUBLICATIONS

- Akahiko Yatsu A, Watanabe T, Ishida M, Sugisaki H, <u>JACOBSON L</u>. 2005. Environmental effects on recruitment and productivity of Japanese sardine *Sardinops melanostictus* and chub mackerel *Scomber japonicus* with recommendations for management. Fish Oceanogr. 14(4):263-278. [WH]
- Aschliman NC, Tibbetts IR, <u>COLLETTE BB</u>. 2005. Relationships of sauries and needlefishes (Teleostei: Scomberesocoidea) to the internally fertilizing halfbeaks (Zenarchopteridae) based on the pharyngeal jaw apparatus. Proc Biol Soc Wash. 118(2):416-427. [NS]
- BRILL RW, Bigelow KA, Musyl MK, Fritsches KA, Warrant EJ. 2005. Bigeye tuna (*Thunnus obesus*) behavior and physiology and their relevance to stock assessments and fishery biology. Col Vol Sci Pap. ICCAT 57(2):142-161. [VA]
- BRODZIAK JKT. 2005. Maximum likelihood estimation of stock composition. In: Cadrin SX, Friedland KD, Waldman JR, editors. Stock Identification Methods: Applications in Fishery Science. New York (NY): Academic Press; p. 571-590. [WH]
- BRODZIAK JKT, LEGAULT CM. 2005. Model averaging to estimate rebuilding targets for overfished stocks. Can J Fish Aquat Sci. 62:544-562. [WH]
- BRODZIAK JKT, O'BRIEN L. 2005. Do environmental factors affect recruits per spawner anomalies of New England groundfish? ICES J Mar Sci. 62:1394-1407. [WH]
- <u>CADRIN SX.</u> 2005. Morphometric landmarks. In: Cadrin SX, Friedland KD, Waldman JR, editors. Stock Identification Methods: Applications in Fishery Science. New York (NY): Academic Press; p. 153-172. [NB]
- CADRIN SX, FRIEDLAND KD. 2005. Morphometric outlines. In: Cadrin SX, Friedland KD, Waldman JR, editors. Stock Identification Methods: Applications in Fishery Science. New York (NY): Academic Press; p. 173-184. [NB]
- CADRIN SX, FRIEDLAND KD, Waldman JR. 2005. Stock identification methods: an overview. In: Cadrin SX, Friedland KD, Waldman JR, editors. Stock Identification Methods: Applications in Fishery Science. New York (NY): Academic Press; p. 3-6. [NB]
- <u>CADRIN SX</u>, FRIEDLAND KD, Waldman JR, editors. 2005. Stock Identification Methods: Applications in Fishery Science. New York (NY): Academic Press; 704 p. [NB]
- <u>CADRIN SX</u>, SILVA V. 2005. Morphometric variation of yellowtail flounder. ICES J Mar Sci. 62:683-694. [NB]
- <u>CALDARONE EM</u>. 2005. Estimating growth in haddock larvae *Melanogrammus aeglefinus* from RNA:DNA ratios and water temperature. Mar Ecol Prog Ser. 293:241-252. [NG]
- Chaput G, <u>LEGAULT CM</u>, Reddin DG, Caron F, Amiro PG. 2005. Provision of catch advice taking account of non-stationarity in productivity of Atlantic salmon (*Salmo salar L.*) in the northwest Atlantic. ICES J Mar Sci. 62:131-143. [WH]
- COLLETTE BB. 2005. Batrachoidiformes, Batrachoididae: toadfishes. In: Richards WJ,
 editor. Early Stages of Atlantic Fishes: An Identification Guide for the Western Central
 North Atlantic. Boca Raton (FL): CRC Press; p. 759-767. [NS]
- <u>COLLETTE BB</u>. 2005. Belonidae: needlefishes. In: Richards WJ, editor. Early Stages of Atlantic Fishes: An Identification Guide for the Western Central North Atlantic. Boca Raton (FL): CRC Press; p. 909-931. [NS]

- COLLETTE BB. 2005. Hemiramphidae: halfbeaks. In: Richards WJ, editor. Early Stages of Atlantic Fishes: An Identification Guide for the Western Central North Atlantic. Boca Raton (FL): CRC Press; p. 933-953. [NS]
- <u>COLLETTE BB</u>. 2005. Is the east-west division of haplotypes of the three-spot seahorse along Wallace's Line novel among marine organisms? (A response to Lourie and Vincent). J Biogeog. 32:1286. [NS]
- <u>COLLETTE BB.</u> 2005. Order Beloniformes. In: Richards WJ, editor. Early Stages of Atlantic Fishes: An Identification Guide for the Western Central North Atlantic. Boca Raton (FL): CRC Press; p. 903. [NS]
- COLLETTE BB, Parin NV. 2005. Sphyraena acus Lacèpede, 1803 (currently Tylosurus acus) (Teleostei, Belonidae): proposed reinstatement. Z.N. (S.) 3297. Bull Zool Nomen. 62(4):232-236. [NS]
- <u>COLLETTE BB</u>, Smith DG. 2005. William Ralph Taylor, 1919-2004. Copeia 2005(3):709-711. [NS]
- COLLINS AG, Bentlage B, Matsumoto GI, Haddock SHD, Osborn KJ, Schierwater B. 2005. Solution to the phylogenetic enigma of *Tetraplatia*, a worm-shaped cnidarian. Biol Lett. DOI: 10.1098/rsbl.2005.0372. [NS]
- <u>COLLINS AG</u>, Cartwright P, McFadden CS, Schierwater B. 2005. Phylogenetic context and basal metazoan model systems. Integr Comp Biol. 45:585-594. [NS]
- <u>COLLINS AG</u>, Daly M. 2005. A new deepwater species of Stauromedusae, *Lucernaria janetae* (Cnidaria, Staurozoa, Lucernariidae), and a preliminary investigation of stauromedusan phylogeny based on nuclear and mitochondrial rDNA data. Biol Bull. (Woods Hole) 208: 221-230. [NS]
- COLLINS AG, Gershwin L-A. 2005. Mayor's work on medusae: still the best! In: Shinn EA, Jaap WC, editors. Field Guide to the Major Organisms and Processes Building Reefs and Islands of the Dry Tortugas: The Carnegie Dry Tortugas Laboratory Centennial Celebration (1905-2005). Miami (FL): Univ Miami Rosenstiel School; p. 37-38. [NS]
- COLLINS AG, Winkelman S, Hadrys H, Schierwater B. 2005. Phylogeny of *Capitata* and *Corynidae* (Cnidaria, Hydrozoa) in light of mitochondrial 16S rDNA data. Zool Scripta 34(1):91-99. [NS]
- Daniels RA, Limburg KE, Schmidt RE, Strayer DL, <u>CHAMBERS RC</u>. 2005. Changes in fish assemblages in the tidal Hudson River, New York. Am Fish Soc Symp. 45:471-503. [SH]
- Desantis S, Corriero A, Cirillo F, Deflorio M, <u>BRILL RW</u>, Griffiths M, Lopata AL, de la Serna JM, Bridges CR, Kime DE, De Metrio G. 2005. Immunohistochemical localization of CYP1A, vitellogenin and *Zona radiata* proteins in the liver of swordfish (*Xiphias gladius* L.) taken from the Mediterranean Sea, South Atlantic, South Western Indian and Central North Pacific Oceans. Aquat Toxicol. 71:1-12. [VA]
- DRAXLER AFJ, ROBOHM RA, WIECZOREK D, KAPAREIKO D, PITCHFORD S. 2005. Effect of habitat biogeochemicals on survival of lobsters (*Homarus americanus*). J Shellfish Res. 24(3):821-824. [SH]
- DRAXLER AFJ, Sherrell RM, WIECZOREK D, Lavigne MG, Paulson AJ. 2005. Manganese concentration in lobster (*Homarus americanus*) gills as an index of exposure to reducing conditions in western Long Island Sound. J Shellfish Res. 24:815-819. [SH]
- Duda A, <u>SHERMAN K</u>. 2005. Applications of the Large Marine Ecosystem approach toward world summit targets. In: Hennessey T, Sutinen JG, editors. Sustaining Large Marine

- Ecosystems: The Human Dimension. Amsterdam (The Netherlands): Elsevier; p. 297-318. [NG]
- Dumont E, Harrison JA, Kroeze C, Bakker EJ, <u>SEITZINGER SP</u>. 2005. Global distribution and sources of dissolved inorganic nitrogen export to the coastal zone: Results from a spatially explicit, global model. Global Biogeochem Cyc. 19(4):GB4S02. [RG]
- FABRIZIO MC. 2005. Experimental design and sampling strategies for mixed stock analysis. In: Cadrin SX, Friedland KD, Waldman JR, editors. Stock Identification Methods: Applications in Fishery Science. New York (NY): Academic Press; p. 467-498. [SH, c/o T. Noji]
- FAHAY MP, HARE JA. 2005. Order Ophidiiformes: Aphyonidae, Bythitidae, Ophidiidae. In: Richards WJ, editor. Early Stages of Atlantic Fishes: An Identification Guide for the Western Central North Atlantic. Boca Raton (FL): CRC Press; p. 661-747. [SH]
- Fey DP, <u>HARE JA</u>. 2005. <u>Length correction for larval and early-juvenile Atlantic menhaden</u> (<u>Brevoortia tyrannus</u>) after preservation in alcohol [Note]. Fish Bull. (Wash DC) 103:725-727. [NG]
- Fey DP, Martin GEB, Morris JA, <u>HARE JA</u>. 2005. <u>Effect of otolith type and preparation</u> <u>technique on age estimation of larval and juvenile spot (*Leiostomus xanthurus*) [Note]. Fish Bull. (Wash DC) 103:544-552. [NG]</u>
- FOGARTY MJ, Lipcius R. 2005*. Population dynamics and fisheries. In: Kennedy V, Cronin E, editors. Biology and Management of the Blue Crab. College Park (MD): Univ Maryland Sea Grant Press; in press. [WH]
- <u>FOGARTY MJ</u>, MURAWSKI SA. 2005. Do marine protected areas really work? Oceanus [online: http://www.whoi.edu/oceanus/viewArticle.do?id=3782]; np. [WH]
- Foote KG, Chu D, Hammar TR, Baldwin KC, Mayer LA, Hufnagle LC Jr, <u>JECH JM</u>. 2005. Protocols for calibrating multibeam sonar. J Acoust Soc Am. 117:2013-2027. [WH]
- FRIEDLAND KD, Ahrenholz DW, Haas LW. 2005. Viable gut passage of cyanobacteria through the filter-feeding fish Atlantic menhaden, *Brevoortia tyrannus*. J Plankton Res. 27:715-718. [NG]
- FRIEDLAND KD, Ama-Abasi D, Manning M, Clarke L, Kligys G, CHAMBERS RC. 2005. Automated egg counting and sizing from scanned images: rapid sample processing and large data volumes for fecundity estimates. J Sea Res. 54:307-316. [NG]
- FRIEDLAND KD, CADRIN SX. 2005. Analyses of calcified structures: texture and spacing patterns. In: Cadrin SX, Friedland KD, Waldman JR, editors. Stock Identification Methods: Applications in Fishery Science. New York (NY): Academic Press; p. 185-196. [NG]
- FRIEDLAND KD, Chaput G, MacLean JC. 2005. The emerging role of climate in post-smolt growth of Atlantic salmon. ICES J Mar Sci. 62:1338-1349. [NG]
- Fritsches KA, <u>BRILL RW</u>, Warrant EJ. 2005. Warm eyes provide superior vision in swordfishes. Current Biol. 15:55-58. [VA]
- Gilbert JR, <u>WARING GT</u>, Wynne KM, Guldager N. 2005. Changes in abundance and distribution of harbor seals in Maine, 1981-2001. Mar Mamm Sci. 21: 519-535. [WH]
- Giray C, Opitz HM, MacLEAN SA, Bouchard D. 2005. Comparison of lethal versus non-lethal sample sources for the detection of infectious salmon anemia virus (ISAV). Dis Aquat Org. 66:181-185. [NG]

- Glibert PM, <u>SEITZINGER SP</u>, Heil CA, Burkholder JM, Parrow MW, Codispoti LA, Kelly V. 2005. The role of eutrophication in the global proliferation of harmful algal blooms. Oceanography 18(2):198-209. [RG]
- Hardy JD Jr, <u>COLLETTE BB</u>. 2005. Scomberesocidae: sauries. In: Richards WJ, editor. Early stages of Atlantic fishes: an identification guide for the western central North Atlantic. Boca Raton (FL): CRC Press; p. 905-907. [NS]
- HARE JA. 2005. The use of early life stages in stock identification studies. In: Cadrin SX, Friedland KD, Waldman JR, editors. Stock Identification Methods: Applications in Fishery Science. New York (NY): Academic Press; p. 89-117. [NG]
- HARE JA, Govoni JJ. 2005. Comparison of average larval fish vertical distributions among species exhibiting different transport pathways on the southeast United States continental shelf [Note]. Fish Bull. (Wash DC) 103:728-736. [NG]
- HARE JA, Marancik KE. 2005. Psychrolutidae: tadpole or fathead sculpins. In: Richards WJ, editor. Early Stages of Atlantic Fishes: An Identification Guide for the Western Central North Atlantic. Boca Raton (FL): CRC Press; p. 1191-1192. [NG]
- HARE JA, Marancik KE, Greene ME. 2005. Bregmacerotidae: codlets, unicorn cods. In: Richards, WJ, editor. Early Stages of Atlantic Fishes: An Identification Guide for the Western Central North Atlantic. Boca Raton (FL): CRC Press; p. 583-593. [NG]
- HARE JA, Thorrold ST, Walsh H, Reiss C, Valle-Levinson A, Jones C. 2005. Bio-physical mechanisms of larvel fish ingress in Chesapeake Bay. Mar Ecol Prog Ser. 303:295-310. [NG]
- Harrison JA, Caraco NF, <u>SEITZINGER SP</u>. 2005. Global patterns and sources of dissolved organic matter export to the coastal zone: Results from a spatially explicit, global model. Global Biogeochem Cyc. 19(4):GB4S04. [RG]
- Harrison JA, <u>SEITZINGER SP</u>, Bouwman AF, Caraco NF, Beusen A, Vörösmarty C. 2005. Dissolved inorganic phosphorus export to the coastal zone: Results from a spatially explicit, global model. Global Biogeochem Cyc. 19(4):GB4S03. [RG]
- Hawn AT, Martin GB, Sandin SA, HARE JA. 2005. Early juvenile mortality in the coral reef fish *Chromis cyanea* (Pomacentridae): the growth-mortality hypothesis revisited. Bull Mar Sci. 77:309-318. [NG]
- He R, McGillicuddy D, Lynch DR, Smith KW, Stock CA, MANNING JP. 2005. Data assimilative hindcast of the Gulf of Maine coastal circulation. J Geophys Res. 110(C10011); 20 p. [WH]
- HÉGARET H, <u>WIKFORS GH</u>. 2005. Effects of natural and field-simulated blooms of the dinoflagellate *Prorocentrum minimum* upon hemocytes of eastern oysters, *Crassostrea virginica*, from two different populations. Harmful Algae 4(2):201-209. [MF]
- HÉGARET H, <u>WIKFORS GH</u>. 2005. Time-dependent changes in hemocytes of eastern oysters, *Crassostrea virginica*, and northern bay scallops, *Argopecten irradians irradians*, exposed to a cultured strain of *Prorocentrum minimum*. Harmful Algae 4(2):187-199. [MF]
- HENDRICKSON LC, Vazquez A. 2005. Density-dependent changes in the spatial distributions of Atlantic cod (*Gadus morhua*), American plaice (*Hippoglossoides platessoides*), and Greenland halibut (*Reinhardtius hippoglossoides*) on the Flemish Cap during 1988–2002. e-J Northwest Atl Fish Sci. 37, article 5; 24 p. [WH]

- Holland ND, Clague DA, Gordon DP, Gebruk A, Pawson DL, <u>VECCHIONE M</u>. 2005. 'Lophenteropneust' hypothesis refuted by collection and photos of new deep-sea hemichordates. Nature 434(7031):374-376. [NS]
- JACOBSON LD, Bograd SJ, Parrish RJ, Mendelssohn R, Schwing FB. 2005. An ecosystem-based hypothesis for climatic effects on surplus production in California sardine (Sardinops sagax) and environmentally dependent surplus production models. Can J Fish Aquat Sci. 62:1782-1796. [WH]
- JECH JM, Foote KG, Chu D, Hufnagle LC. 2005. Comparing two 38-kHz scientific echo sounders. ICES J Mar Sci. 62:1168-1179. [WH]
- Jin D, <u>THUNBERG EM</u>. 2005. An analysis of fishing vessel accidents in fishing areas off the northeastern United States. Saf Sci. 43(2005):523-540. [WH]
- KANE J. 2005. The demography of *Calanus finmarchicus* (Copepoda: Calanoida) in the Middle Atlantic Bight, USA, 1977-2001. J Plankton Res. 27(5):401-414. [NG]
- Kroeze C, Dumont E, <u>SEITZINGER SP</u>. 2005. New estimates of global emissions of N2O from rivers and estuaries. Env Sci. 2(2-3):159-165. [RG]
- Lapolla A, <u>BUCKLEY LJ</u>. 2005. Hatch date distributions of young-of-year haddock (*Melanogrammus aeglefinus*) in the Gulf of Maine/Georges Bank region: implications to recruitment. Mar Ecol Prog Ser. 290:239-249. [RI]
- Laursen AE, <u>SEITZINGER SP</u>. 2005. Limitations to measuring riverine denitrification at the whole reach scale: effects of channel geometry, wind velocity, sampling interval, and temperature inputs of N-2-enriched groundwater. Hydrobiologia 545:225-236. [RG]
- <u>LEGAULT CM</u>. 2005. Population viability analysis of Atlantic salmon in Maine, USA. Trans Am Fish Soc. 134:549-562. [WH]
- <u>LINK JS.</u> 2005. Translating ecosystem indicators into decision criteria. J Mar Sci. 62:569-576. [WH]
- LINK JS, ALMEIDA FP, Valentine P, Auster P, REID RN, VITALIANO J. 2005. The effect of area closures on Georges Bank. In: Barnes PW, Thomas JP, editors. Benthic Habitats and the Effects of Fishing. Bethesda (MD): American Fisheries Society. Am Fish Soc Symp. 41:345-368. [WH]
- LINK JS, FOGARTY MJ, Langton RW. 2005. The trophic ecology of flatfishes. In: Gibson RN, editor. Flatfishes: Biology and Exploitation. Oxford (UK): Blackwell Science Ltd; p. 185-212. [WH]
- LINK JS, STOCKHAUSEN WT, METHRATTA ET. 2005. Food web theory in marine ecosystems. In: Belgrano A, Scharler UM, Dunne J, Ulanowicz RE, editors. Aquatic Food Webs: An Ecosystem Approach. Oxford (UK): Oxford Univ. Press; p. 98-113. [WH]
- LOUGH RG, BUCKLEY LJ, Werner FE, Quinlan JA, Edwards KP. 2005. A general biophysical model of larval cod (*Gadus morhua*) growth applied to populations on Georges Bank. Fish Oceanogr. 14(4):241-262. [WH]
- MacKENZIE CL Jr. 2005. The commercial oysters of the Gulf of Mexico and the Caribbean Sea: ecology, biology and fisheries. In: Creswell RL, editor. Proceedings of the 56th Annual Gulf and Caribbean Fisheries Institute; Tortola, British Virgin Islands; Nov. 10-14, 2003. Marathon (FL): Gulf and Caribbean Fisheries Institute; p. 521-535. [SH]
- MANDERSON JP. 2005. Marine habitat dynamics: a case study of habitat suitability for a temperate flatfish (winter flounder, *Pseudopleuronectes americanus*, Walbaum) on an estuarine nursery ground. PhD dissertation. Amherst (MA): Univ Mass; 236 p. [SH]

- Marancik KE, Clough L, <u>HARE JA</u>. 2005. <u>Cross-shelf and seasonal variation in larval fish assemblages in the Georgia Bight region of the southeast United States continental shelf</u>. Fish Bull. (Wash DC) 103:108-129. [NG]
- Mate B, Duley P, Lagerquist B, <u>WENZEL FW</u>, STIMPERT A, CLAPHAM PJ. 2005. Observations of a female North Atlantic right whale (*Eubalaena glacialis*) in simultaneous copulation with two males: supporting evidence for sperm competition. Aquat Mamm. 31(2):157-160. [WH]
- Maxwell MR, <u>JACOBSON LD</u>, Conser RJ. 2005. Eggs-per-recruit model for management of the California market squid (*Loligo opalescens*) fishery. Can J Fish Aquat Sci. 62:1640-1650. [WH]
- MESECK SL, ALIX JH, WIKFORS GH. 2005. Photoperiod and light intensity effects on growth and utilization of nutrients by the aquaculture feed microalga, *Tetraselmis chui* (PLY429). Aquaculture 246:393-404. [MF]
- Morison AK, <u>BURNETT J</u>, McCurdy WH, Moksness E. 2005. Quality issues in the use of otoliths for fish age estimation. Mar Freshw Rev. 56:773-782. [WH]
- MUNROE TA. 2005. Distributions and biogeography. In: Gibson RN, editor. Flatfishes: Biology and Exploitation. Oxford (UK): Blackwell Science Ltd; p. 42-67. [NS]
- MUNROE TA. 2005. Systematic diversity of the Pleuronectiformes. In: Gibson RN, editor. Flatfishes: Biology and Exploitation. Oxford (UK): Blackwell Science Ltd; p. 10-41. [NS]
- MUNROE TA. 2005. Tropical flatfish fisheries. In: Gibson RN, editor. Flatfishes: Biology and Exploitation. Oxford (UK): Blackwell Science Ltd; p. 292-318. [NS]
- MUNROE TA, Robertson DR. 2005. *Symphurus ocellaris*, a new shallow-water symphurine tonguefish collected off Pacific Panama (Pleuronectiformes: Cynoglossidae). Proc Biol Soc Wash. 118(3):576-581. [NS]
- MURAWSKI SA. 2005. The New England groundfish resource: a history of population change in relation to harvesting. In: Buchsbaum R, Pederson J, Robinson WE, editors. The Decline of Fisheries Resources in New England: Evaluating the Impact of Overfishing, Contamination, and Habitat Degradation. Cambridge (MA): MIT Sea Grant College Program; MITSG 05-5, p. 11-24. [WH]
- MURAWSKI SA, WIGLEY SE, FOGARTY MJ, RAGO PJ, MOUNTAIN DG. 2005. Effort distribution and catch patterns adjacent to temperate MPAs. ICES J Mar Sci. 62:1150-1167. [WH]
- Nérette P, Dohoo I, Hammell L, Gagné N, Barbash P, MacLEAN SA, Yason C. 2005. Estimation of the repeatablility and reproducibility of three diagnostic tests for infectious salmon anaemia virus. J Fish Dis. 28:101-110. [NG]
- OLSON J. 2005. Re-placing the space of community: a story of cultural politics, policies, and fisheries management. Anthropol Quart. 78(1):233-254. [WH]
- PAULSON AJ. 2005. Tracing water and suspended matter in Raritan and Lower New York Bays using dissolved and particulate elemental concentrations. Mar Chem. 97:60-77. [SH, c/o T. Noji]
- Peck MA, <u>BUCKLEY LJ</u>, Bengston DA. 2005. Effects of temperature, body size and feeding on rates of metabolism in young-of-the-year haddock. J Fish Biol. 66(4):911-923. [RI]
- Pershing C, Greene C, <u>JOSSI J</u>, O'BRIEN L, BRODZIAK J, Bailey B. 2005. Interdecadal variability in the Gulf of Maine zooplankton community with potential impact on fish recruitment. ICES J Mar Sci. 62:1511-1523. [WH]

- Rice J, <u>CADRIN SX</u>, Clark W. 2005. Population dynamics and management of flatfish. In: Gibson RN, editor. Flatfishes: Biology and Exploitation. Oxford (UK): Blackwell Science; p. 319-346. [NB]
- ROBOHM RA, <u>DRAXLER AFJ</u>, WIECZOREK D, KAPAREIKO D, PITCHFORD S. 2005. Effects of environmental stressors on disease susceptibility in lobsters: a controlled laboratory study. J Shellfish Res. 24(3):773-780. [SH, c/o A. Draxler]
- Rothschild BJ, Chen C, <u>LOUGH RG</u>. 2005. Managing fish stocks under climate uncertainty. ICES J Mar Sci. 62:1531-1541. [WH]
- SEITZINGER SP, Harrison JA, Dumont E, Beusen AHW, Bouwman AF. 2005. Sources and delivery of carbon, nitrogen, and phosphorus to the coastal zone: an overview of Global Nutrient Export from Watersheds (NEWS) models and their application. Global Biogeochem Cyc. 19(4):GB4S01. [RG]
- SEITZINGER SP, Hartnett H, Lauck R, Mazurek M, Minegishi T, Spyres G, Styles R. 2005. Molecular-level chemical characterization and bioavailability of dissolved organic matter in stream water using electrospray-ionization mass spectrometry. Limnol Oceanogr. 50(1):1-12. [RG]
- SHEEHAN TF, KOCIK JF, CADRIN SX, LEGAULT CM, Atkinson E, Bengtson D. 2005. Marine growth and morphometrics for three populations of Atlantic salmon from Eastern Maine, USA. Trans Am Fish Soc. 134:775-788. [WH]
- SHERMAN K. 2005. The Large Marine Ecosystems approach for assessment and management of ocean coastal waters. In: Hennessey TM, Sutinen JG, editors. Sustaining Large Marine Ecosystems: The Human Dimension. Amsterdam (The Netherlands): Elsevier; p. 3-16. [NG]
- SHERMAN K. 2005. A modular strategy for recovery and management of biomass yields in large marine ecosystems. In: Levner E, Linkov I, Proth J-M, editors. Strategic Management of Marine Ecosystems: Proceedings of the NATO Advanced Study Institute on Strategic Management of Marine Ecosystems, Nice, France, 1-11 October, 2003. Amsterdam (The Netherlands): Springer; p. 65-80. [NG]
- SHERMAN K, Sissenwine M, Christensen V, Duda A, Hempel G, Ibe C, Levin S, Lluch-Belda D, Matishov G, McGlade J, O'Toole M, SEITZINGER S, Serra R, Skjoldal H-R, Tang Q, Thulin J, Vandeweerd V, Zwanenburg K. 2005. Theme section: Politics and socio-economics of ecosystem-based management of marine resources. Mar Ecol Prog Ser. 300:241-296. [NG]
- SMITH BC, Persson A. 2005. Synchronization of encystment of *Scrippsiella lachrymosa* (Dinophyta). J Appl Phycol. 17:317-321. [MF]
- SMITH K, <u>SCHLITZ R</u>. 2005. Structure and timing of recirculation around Georges Bank: an observational and modeling study at the Great South Channel: Part I -- ensemble smoother. Continent Shelf Res. 25:1415-1432. [WH]
- SMITH TD, <u>LINK JS</u>. 2005. Autopsy your dead ... and living: a proposal for fisheries science, fisheries management and fisheries. Fish Fish. 6:73-87. [WH]
- SOSEBEE KA. 2005. Are density-dependent effects on elasmobranch maturity possible? *In*: Kulka DW, Musick JA, Pawson MG, editors. Symposium, 11-13 September 2002 -- Elasmobranch Fisheries: Managing for Sustainable Use and Biodiversity Conservation. J Northwest Atl Fish Sci. 35:141-153. [WH]
- SOSEBEE KA. 2005. Maturity of skates in northeast United States waters. *In*: Kulka DW, Musick JA, Pawson MG, editors. Symposium, 11-13 September 2002 -- Elasmobranch

- Fisheries: Managing for Sustainable Use and Biodiversity Conservation. J Northwest Atl Fish Sci. 35:115-124. [WH]
- Stein DL, Felley JD, <u>VECCHIONE M</u>. 2005. ROV observations of benthic fishes in the Northwind and Canadian Basins, Arctic Ocean. Polar Biol. 28:232–237. [NS]
- Swimmer Y, Arauz R, Higgins B, McNaughton L, McCracken M, Ballestero J, <u>BRILL RW</u>. 2005. Food color and marine turtle feeding behavior: can blue bait reduce turtle bycatch in commercial fisheries? Mar Ecol Prog Ser 295:273-278. [VA]
- Thorarinsdottir GG, <u>JACOBSON LD</u>. 2005. Fishery biology and biological reference points for management of ocean quahogs (*Arctica islandica*) off Iceland. Fish Res. 75(2005):97-106. [WH]
- Tomassetti P, Voigt O, <u>COLLINS AG</u>, Porrello P, Pearse VB, Schierwater B. 2005. Placozoans (*Trichoplax adhaerens* Schulze, 1883) in the Mediterranean Sea. Meiofauna Marina 14:5-7. [NS]
- Wakida-Kusunoki AT, MacKENZIE CL Jr. 2004*. Rangia and marsh clams, *Rangia cuneata*, *R. flexuosa*, and *Polymesoda caroliniana*, in eastern Mexico: distribution, biology and ecology, and historical fisheries. Mar Fish Rev. 66(3):13-20. [SH]
- WEINBERG JR, KEITH C. 2005. Revisiting population size-structure of the deep-sea red crab, *Chaceon quinquedens*. Crustaceana 78(2):245-246. [WH]
- <u>WIECZOREK D</u>, DRAXLER AFJ. 2005. A method for exposing lobsters to multiple simulated habitat biogeochemicals and temperatures. J Shellfish Res. 24(3):773-780. [SH]
- <u>WIKFORS GH.</u> 2005. A review and new analysis of trophic interactions between *Prorocentrum minimum* and clams, scallops, and oysters. Harmful Algae 4(3):585-592. [MF]
- Wilson SG, Lutcavage ME, <u>BRILL RW</u>, Genovese MP, Cooper AB, Everly AW. 2005. Movements of bluefin tuna (*Thunnus thynnus*) in the northwestern Atlantic Ocean recorded by pop-up satellite archival tags. Mar Biol. (Berlin) 146:409-423. [NS]
- Wuenschel MJ, Jugovich AR, <u>HARE JA</u>. 2005. Metabolic response of juvenile gray snapper (*Lutjanus griseus*) to temperature and salinity: physiological costs of different environments. J Exp Mar Biol Ecol. 321:145-154. [NG]
- Young RE, <u>VECCHIONE M</u>. 2005. *Narrowteuthis nesisi*, a new genus and new species of the squid family Neoteuthidae (Mollusca: Cephalopoda). Proc Biol Soc Wash. 118(3):566-569. [NS]

REPORTS

- Begg GA, O'Neill MF, <u>CADRIN SX</u>, Bergenius MAJ. 2005. <u>Stock assessment of the Australian east coast spotted mackerel fishery</u>. CRC Reef Res Centre Tech Rep. 58; 159 p. [WH]
- BRODZIAK JKT. 2005. Essential fish habitat source document: haddock, *Melanogrammus*<u>aeglefinus</u>, life history and habitat characteristics, 2nd edition. Woods Hole (MA):

 NEFSC Publications Office. NOAA Tech Mem NMFS-NE-196; 64 p. [WH]
- BRODZIAK JKT, COL L. 2005. Atlantic halibut. In: Mayo RK, Terceiro M, editors. Assessment of 19 northeast groundfish stocks through 2004. Woods Hole (MA): NEFSC Publications Office. NEFSC Ref Doc. 05-13; p. 2:424-431. [WH]

- BRODZIAK JKT, TRAVER M. 2005. <u>Gulf of Maine haddock</u>. In: Mayo RK, Terceiro M, editors. Assessment of 19 northeast groundfish stocks through 2004. Woods Hole (MA): NEFSC Publications Office. NEFSC Ref Doc. 05-13; p. 2:415-423. [WH]
- BRODZIAK JKT, TRAVER M, COL L. 2005. Georges Bank haddock. In: Mayo RK, Terceiro M, editors. Assessment of 19 northeast groundfish stocks through 2004. Woods Hole (MA): NEFSC Publications Office. NEFSC Ref Doc. 05-13; p. 2:30-80. [WH]
- CADRIN SX, FRIEDLAND K, Bolles KL, OVERHOLTZ WJ, Armstrong MP. 2005. Using multidisciplinary stock identification to optimize morphometric discrimination of Atlantic herring spawning groups off New England. ICES CM 2005/K:09; 12 p. [WH]
- <u>CADRIN SX</u>, LEGAULT CM. 2005. <u>Southern New England-Mid Atlantic yellowtail</u> <u>flounder</u>. In: Mayo RK, Terceiro M, editors. Assessment of 19 northeast groundfish stocks through 2004. Woods Hole (MA): NEFSC Publications Office. NEFSC Ref Doc. 05-13; p. 2:103-126. [NB]
- CADRIN SX, LEGAULT CM, King J. 2005. Cape Cod-Gulf of Maine yellowtail flounder. In: Mayo RK, Terceiro M, editors. Assessment of 19 northeast groundfish stocks through 2004. Woods Hole (MA): NEFSC Publications Office. NEFSC Ref Doc. 05-13; p. 2:127-148. [NB]
- COLE TVN, Hartley DL, MERRICK RL. 2005. Mortality and serious injury determinations for large whale stocks along the eastern seaboard of the United States, 1999-2003. Woods Hole (MA): NEFSC Publications Office. NEFSC Ref Doc. 05-08; 20 p. [WH]
- <u>COLLETTE BB</u>. 2005. Fishes of the Gulf of Maine. Appledore Times (Shoals Mar Lab newsletter) 4(3):3. [NS]
- Collins JA, <u>COLLINS AG</u>. 2005. Systematics as a hypothesis-based science and its fundamental role in understanding oceans. In: Oceans 2005 MTS/IEEE Proceedings; Washington DC; Sep. 18-23, 2005; pnk. [NS]
- Ecosystems Survey Branch (ESB). 2005. Resource survey report: 2005 fall bottom trawl survey. Available from: ESB, Woods Hole (MA); 34 p. [WH, c/o L. Despres]
- Ecosystems Survey Branch. 2005. <u>Resource survey report: 2005 spring bottom trawl survey</u>. Available from: ESB, Woods Hole (MA); 32 p. [WH, c/o <u>L. Despres</u>]
- Ecosystems Survey Branch. 2005. Resource survey report: 2005 summer sea scallop survey. Available from: ESB, Woods Hole (MA); 23 p. [WH, c/o L. Despres]
- Ecosystems Survey Branch. 2005. <u>Resource survey report: 2005 surfclam/ocean quahog</u>. Available from: ESB, Woods Hole (MA); 19 p. [WH, c/o <u>L. Despres</u>]
- Ecosystems Survey Branch. 2005. <u>Resource survey report: 2005 winter bottom trawl survey.</u> Available from: ESB, Woods Hole (MA); 22 p. [WH, c/o <u>L. Despres</u>]
- FABRIZIO MC, <u>PESSUTTI JP</u>, MANDERSON JP, DROHAN AF, PHELAN BA. 2005. <u>Use of the Historic Area Remediation Site by black sea bass and summer flounder</u>. Woods Hole (MA): NEFSC Publications Office. NEFSC Ref Doc. 05-06; 95 p. [SH]
- <u>FOGARTY MJ.</u> 2005. <u>Ecology of the Northeast Continental Shelf</u>. Gloucester (MA): NMFS Northeast Regional Office; 23 p. [WH]
- GARNER L. 2005. Northeast Fisheries Science Center publications, reports, and abstracts for calendar year 2004. Woods Hole (MA): NEFSC Publications Office. NEFSC Ref Doc. 05-16; 22 p. [WH]
- Gavaris S, MAYO RK, O'BRIEN L. 2005. <u>Update of allocation shares for Canada and the USA</u> of the transboundary resources of Atlantic cod, haddock and yellowtail flounder

- on Georges Bank through fishing year 2006. Dartmouth (NS): TRAC Ref Doc. 2005/06; 24 p. [WH]
- GIBSON JA. 2005. Program planning and description documents for the Northeast Fisheries Science Center, its component laboratories, and their predecessors during 1955-2005. Woods Hole (MA): NEFSC Publications Office. NEFSC Ref Doc. 05-18; 10 p. [WH, c/o L. Garner]
- HAAS HL, MERRICK R, MILLIKEN H, MURRAY KT, BISACK K, ORPHANIDES C.
 2005. Assessing and reducing sea turtle bycatch in commercial fisheries in the
 Northwest Atlantic. ICES CM 2005/X:08; 7 p. [WH]
- <u>HART DR</u>. 2005. Letter to Editor: Georges Bank scallops and fishery closures. MPA News 6(11):6. [WH]
- HENDRICKSON LC. 2005. Effectiveness of a square-mesh escape panel in reducing finfish bycatch in a small-mesh bottom trawl used in the longfin inshore squid (*Loligo pealeii*) fishery. Woods Hole (MA): NEFSC Publications Office. NEFSC Ref Doc. 05-05; 37 p. [WH]
- <u>HENDRICKSON LC.</u> 2005. <u>Georges Bank winter flounder</u>. In: Mayo RK, Terceiro M, editors. Assessment of 19 northeast groundfish stocks through 2004. Woods Hole (MA): NEFSC Publications Office. NEFSC Ref Doc. 05-13; p. 2:325-340. [WH]
- HENDRICKSON LC. 2005. Gulf of Maine/Georges Bank windowpane flounder. In: Mayo RK, Terceiro M, editors. Assessment of 19 northeast groundfish stocks through 2004. Woods Hole (MA): NEFSC Publications Office. NEFSC Ref Doc. 05-13; p. 2:401-407. [WH]
- HENDRICKSON LC. 2005. Southern New England/Mid-Atlantic windowpane flounder. In: Mayo RK, Terceiro M, editors. Assessment of 19 northeast groundfish stocks through 2004. Woods Hole (MA): NEFSC Publications Office. NEFSC Ref Doc. 05-13; p. 2:408-414. [WH]
- HENDRICKSON LC, Dawe EG, Showell MA. 2005. <u>Interim monitoring report for the assessment of northern shortfin squid (*Illex illecebrosus*) in Subareas 3+4 during 2004. NAFO Science Council Res Doc. 05/45; 9 p. [WH]</u>
- Hunt JJ, O'BRIEN L, Hatt B. 2005. Population status of eastern Georges Bank cod (Unit areas 5Zj,m) for 1978-2006. Dartmouth (NS): TRAC Ref Doc. 2005/01; 46 p. [WH]
- JACOBSON LD. 2005. Essential fish habitat source document: Longfin inshore squid, Loligo pealeii, life history and habitat characteristics (2nd edition). Woods Hole (MA): NEFSC Publications Office. NOAA Tech Mem NMFS-NE-193; 42 p. [WH]
- <u>Atmospheric Sciences</u> III: Proceedings of the Third National Conference to Strengthen the Links among HBMSCUs, NOAA, Business, and Graduate Studies in Marine and Atmospheric Sciences. Woods Hole (MA): NEFSC Publications Office. NEFSC Ref Doc. 05-11; 142 p. [WH]
- <u>LEGAULT CM</u>. 2005. <u>Georges Bank yellowtail flounder</u>. In: Mayo RK, Terceiro M, editors. Assessment of 19 northeast groundfish stocks through 2004. Woods Hole (MA): NEFSC Publications Office. NEFSC Ref Doc. 05-13; p. 2:81-102. [WH]
- LINK JS, OVERHOLTZ W, O'REILLY J, GREEN J, METHRATTA ET, DOW D, PALKA D, LEGAULT C, EDWARDS S, WARING G, STOCKHAUSEN W, MOUNTAIN D, VITALIANO J, GUIDA V, KANE J, JOSSI J, FOGARTY M, BRODZIAK J, GRISWOLD C, McCANDLESS C, KOHLER N, FROMM S, COL L, SMITH TD,

- MacKENZIE C, GOLDBERG R. 2005. An overview of EMAX: the Northeast U.S. Continental Shelf Ecological Network. ICES CM 2005/L:02; 40 p. [WH]
- MAHONEY JB. 2005. <u>Modification of chemically-defined medium ASP12 for picoplankter Aureococcus anophagefferens</u>, with limited comparison of physiological requirements of New York and New Jersey isolates. Woods Hole (MA): NEFSC Publications Office. NEFSC Ref Doc. 05-17; 38 p. [SH, c/o T. Noji]
- Marancik KE, <u>HARE JA</u>. 2005. An annotated bibliography of diet studies of fish of the southeast United States and Gray's Reef National Marine Sanctuary. Marine Sanctuaries Conservation Series MDS-05-2; 56 p. [NG]
- MAYO RK, BRODZIAK JKT, TRAVER M, COL LA. 2005. <u>Gulf of Maine/Georges Bank Acadian redfish</u>. In: Mayo RK, Terceiro M, editors. Assessment of 19 northeast groundfish stocks through 2004. Woods Hole (MA): NEFSC Publications Office. NEFSC Ref Doc. 05-13; p. 2:372-388. [WH]
- MAYO RK, COL LA. 2005. Gulf of Maine cod. In: Mayo RK, Terceiro M, editors. Assessment of 19 northeast groundfish stocks through 2004. Woods Hole (MA): NEFSC Publications Office. NEFSC Ref Doc. 05-13; p. 2:153-184. [WH]
- MAYO RK, COL LA, TRAVER M. 2005. Georges Bank/Gulf of Maine pollock. In: Mayo RK, Terceiro M, editors. Assessment of 19 northeast groundfish stocks through 2004. Woods Hole (MA): NEFSC Publications Office. NEFSC Ref Doc. 05-13; p. 2:359-371. [WH]
- MAYO RK, TERCEIRO M, editors. 2005. Assessment of 19 Northeast groundfish stocks through 2004. 2005 Groundfish Assessment Review Meeting (2005 GARM), Northeast Fisheries Science Center, Woods Hole, Massachusetts, 15-19 August 2005. Woods Hole (MA): NEFSC Publications Office. NEFSC Ref Doc. 05-13; 499 p. [WH]
- MERRICK RL. 2005. Seasonal management area to reduce ship strikes of northern right whales in the Gulf of Maine. Woods Hole (MA): NEFSC Publications Office. NEFSC Ref Doc. 05-19; 18 p. [WH]
- MOUNTAIN DG, Harrison G, GABRIEL W, Gavaris S. 2005. GoMA GOOS: A GOOS pilot project in the Gulf of Maine region. ICES CM 2005/P:10; 14 p. [WH]
- MURRAY KT. 2005. Total bycatch estimate of loggerhead (*Caretta caretta*) turtles in the 2004 sea scallop (*Placopecten magellanicus*) dredge fishery. Woods Hole (MA): NEFSC Publications Office. NEFSC Ref Doc. 05-12; 22 p. [WH]
- NITSCHKE P. 2005. Gulf of Maine winter flounder. In: Mayo RK, Terceiro M, editors. Assessment of 19 northeast groundfish stocks through 2004. Woods Hole (MA): NEFSC Publications Office. NEFSC Ref Doc. 05-13; p. 2:241-290. [WH]
- Northeast Fisheries Science Center. 2005. <u>40th Northeast Regional Stock Assessment</u>
 <u>Workshop (40th SAW) assessment report</u>. Woods Hole (MA): NEFSC Publications
 Office. NEFSC Ref Doc. 05-04; 146 p. [WH, c/o <u>J. Weinberg</u>]
- Northeast Fisheries Science Center. 2005. <u>41st Northeast Regional Stock Assessment</u>
 <u>Workshop (41st SAW) assessment report</u>. Woods Hole (MA): NEFSC Publications
 Office. NEFSC Ref Doc. 05-14; 237 p. [WH, c/o J. Weinberg]
- Northeast Fisheries Science Center. 2005. <u>41st Northeast Regional Stock Assessment Workshop (41st SAW) assessment summary report</u>. Woods Hole (MA): NEFSC Publications Office. NEFSC Ref Doc. 05-10; 36 p. [WH, c/o J. Weinberg]
- O'BRIEN L, BURNETT J, COL LA. 2005. <u>Gulf of Maine/Georges Bank American plaice</u>. In: Mayo RK, Terceiro M, editors. Assessment of 19 northeast groundfish stocks

- through 2004. Woods Hole (MA): NEFSC Publications Office. NEFSC Ref Doc. 05-13; p. 2:215-240. [WH]
- O'BRIEN L, MUNROE NJ, COL LA. 2005. Georges Bank Atlantic cod. In: Mayo RK, Terceiro M, editors. Assessment of 19 northeast groundfish stocks through 2004. Woods Hole (MA): NEFSC Publications Office. NEFSC Ref Doc. 05-13; p. 2:2-29. [WH]
- PACKER DB, Griffin K, McGlynn KE. 2005. National Marine Fisheries Service national gravel extraction guidance: a review of the effects of in- and near-stream gravel extraction on anadromous fishes and their habitats, with recommendations for avoidance, minimization, and mitigation. NOAA Tech Mem NMFS-F/SPO-70; 27 p. [SH]
- PALKA DL. 2005. Aerial surveys in the northwest Atlantic: estimation of g(0). In: Thomsen F, Ugarte F, Evans PGH, eds. Proceedings of a Workshop on Estimation of g(0) in Line-Transect Surveys of Cetaceans. European Cetacean Society's 18th Annual Conference; Kolmården, Sweden; Mar. 28, 2004; p. 12-17. [WH]
- PALKA DL. 2005. Evaluating assumptions underlying a line transect analysis of a 2004 Northwest Atlantic shipboard abundance survey for cetaceans. ICES CM 2005/R:07; 37 p. [WH]
- PALKA DL. 2005. Shipboard surveys in the northwest Atlantic: estimation of g(0). In: Thomsen F, Ugarte F, Evans PGH, eds. Proceedings of a Workshop on Estimation of g(0) in Line-Transect Surveys of Cetaceans. European Cetacean Society's 18th Annual Conference; Kolmården, Sweden; Mar. 28, 2004; p. 32-37. [WH]
- PALKA DL, SMITH DW. 2005. Description of 2005 simulations of the IWC/SOWER Southern Hemisphere minke whale abundance survey. IWC Paper SC/57/IA2: 8 p. [WH]
- RAGO PJ, WIGLEY SE, FOGARTY MJ. 2005. <u>NEFSC bycatch estimation methodology:</u> <u>allocation, precision, and accuracy</u>. Woods Hole (MA): NEFSC Publications Office. NEFSC Ref Doc. 05-09; 44 p. [WH]
- ROBOHM RA. 2005. Microbial diseases and brief commercial history of the American lobster. In: Cipriano RC, Shchelkunov IS, Faisal M, editors. Health and Diseases of Aquatic Organisms: Bilateral Perspectives. East Lansing (MI): Living Oceans Foundation Publication No. 2005-01:314-330. [MF, c/o G. Wikfors]
- SHEPHERD GR, Laney RW, Meyer T, Beal R. 2005. Atlantic striped bass studies 2005; biennial report to Congress. Unpubl.; available from author; 39 p. [WH]
- SHERMAN K. 2005. Large Marine Ecosystems approach to assessment and management. In: PAME Working Group Meeting Report No. I-2005; p 10-13. [NG]
- SHERMAN K. 2005. Large marine ecosystem approach to the assessment and management of ocean resources and environments. In: Doherty P, editor. Ocean Zoning: Can it Work in the Northwest Atlantic? Halifax, May 10-11, 2004; Workshop Proceedings; p. 10-13. [NG]
- SHERMAN K, CELONE P, ADAMS S. 2004*. NOAA Fisheries Service's Large Marine Ecosystems Program: status report. NOAA Tech Mem NMFS-NE-183; 21 p. [NG]
- SHERMAN K, Hoagland P. 2005. Driving forces affecting resource sustainability in large marine ecosystems. ICES CM 2005/M:07; 46 p. [NG]

- SMITH TD, Reeves RR, Bannister JL, editors. 2005. Report of the International Cachalot Assessment Research Planning Workshop, Woods Hole, Massachusetts, 1-3 March 2005. NOAA Tech Mem NMFS-F/SPO-72; 45 p. [WH, c/o R. Merrick]
- SOSEBEE KA. 2005. Georges Bank/Gulf of Maine white hake. In: Mayo RK, Terceiro M, editors. Assessment of 19 northeast groundfish stocks through 2004. Woods Hole (MA): NEFSC Publications Office. NEFSC Ref Doc. 05-13; p. 2:341-358. [WH]
- SOSEBEE KA. 2005. United States Research Report for 2004. NAFO SCS Doc. 05/7; 22 p. [WH]
- Steele J, Bisagni J, Collie J, <u>FOGARTY MJ</u>, Gifford M, LINK JS, Sieracki M, Sullivan B, Beet A. 2005. Constructing end-to-end budgets for the Georges Bank ecosystem. ICES CM 2005/M08; 16 p. [WH]
- STEHLIK LL, Wilk SJ, PIKANOWSKI RA, McMILLAN DG, MacHaffie EM. 2005.

 Benthic macrofauna and associated hydrographic observations collected in Newark

 Bay, New Jersey, between June 1993 and March 1994. Woods Hole (MA): NEFSC

 Publications Office. NEFSC Ref Doc. 05-07; 37 p. [SH]
- Stone HH, <u>LEGAULT CM</u>. 2005. <u>Stock assessment of Georges Bank (5Zhjmn) yellowtail flounder for 2005</u>. Dartmouth (NS): TRAC Ref Doc. 2005/04. 83 p. [WH]
- SUTHERLAND SJ, MUNROE NJ, SHEPHERD N, SILVA V, PREGRACKE S, BURNETT J. 2005. Appendix II: Accuracy and precision exercises associated with 2005 GARM production aging. In: Mayo RK, Terceiro M, editors. Assessment of 19 northeast groundfish stocks through 2004. Woods Hole (MA): NEFSC Publications Office. NEFSC Ref Doc. 05-13; p. 4:5-31. [WH]
- Tallack SML, <u>RAGO PJ</u>, Brawn T, CADRIN SX, Hoey J, Singer LT, workshop organizing committee. 2005. Proceedings of a Workshop to Review and Evaluate the Design and Utility of Fish Mark-Recapture Projects in the Northeastern United States; October 19-21, 2004; Nonantum Resort, Kennebunkport, Maine. Woods Hole (MA): NEFSC Publications Office. NEFSC Ref Doc. 05-02; 141 p. [WH]
- <u>TAYLOR MH</u>, BASCUÑÁN C, MANNING JP. 2005. <u>Description of the 2004</u> <u>oceanographic conditions on the northeast continental shelf</u>. Woods Hole (MA): NEFSC Publications Office. NEFSC Ref Doc. 05-03; 90 p. [WH]
- TERCEIRO M. 2005. Southern New England/Mid-Atlantic winter flounder. In: Mayo RK, Terceiro M, editors. Assessment of 19 northeast groundfish stocks through 2004. Woods Hole (MA): NEFSC Publications Office. NEFSC Ref Doc. 05-13; p. 2:291-324. [WH]
- THUNBERG EM, FULCHER CM. 2005. Testing the stability of recreational fishing participation probabilities. In: Sumaila UR, Marsden AD, eds. Proceedings of the 2005 North American Association of Fisheries Economists Forum. Vancouver BC: Univ of British Columbia. Fisheries Centre Research Report 14(1):165-177. [WH]
- THUNBERG EM, Liew D, FULCHER C, BRODZIAK JKT. 2005. Economic analysis of alternative harvest strategies for eastern Georges Bank haddock [5Zjm; 551, 552, 561, 562]. Woods Hole (MA): NEFSC Publications Office. NEFSC Ref Doc. 05-15; 42 p. [WH]
- THURBERG FP, Gould E. 2005. Pollutant effects upon cod, haddock, pollock, and flounder of the inshore fisheries of Massachusetts and Cape Cod Bays. In: Buchsbaum R, Pederson J, Robinson WE, eds. The Decline of Fisheries Resources in New England: Evaluating the Impact of Overfishing, Contamination, and Habitat Degradation.

- Cambridge (MA): MIT Sea Grant College Program; MITSG 05-5, p. 43-66. [MF, c/o Research College Program; MITSG 05-6, p. 43-66. [MF, c/o Research College Program; MITSG 05-6, p. 43-66. [MF, c/o Research College Program; MITS
- Van Eeckhaute L, <u>BRODZIAK JKT</u>. 2005. <u>Assessment of haddock on eastern Georges Bank</u>. Dartmouth (NS): TRAC Ref Doc. 2005/03. 73 p. [WH, c/o W Overholtz]
- <u>WEINBERG JR</u>, POWELL E, PICKETT C, NORDAHL V, JACOBSON L. 2005. <u>Results from the 2004 cooperative survey of Atlantic surfclams</u>. Woods Hole (MA): NEFSC Publications Office. NEFSC Ref Doc. 05-01; 41 p. [WH]
- WIGLEY SE, COL LA. 2005. Ocean pout. In: Mayo RK, Terceiro M, editors. Assessment of 19 northeast groundfish stocks through 2004. Woods Hole (MA): NEFSC Publications Office. NEFSC Ref Doc. 05-13; p. 2:389-400. [WH]
- WIGLEY SE, COL LA. 2005. Witch flounder. In: Mayo RK, Terceiro M, editors.

 Assessment of 19 northeast groundfish stocks through 2004. Woods Hole (MA):

 NEFSC Publications Office. NEFSC Ref Doc. 05-13; p. 2:185-214. [WH]

ABSTRACTS

- ALADE LA, <u>CADRIN SX</u>, RAGO P, May E. 2005. Application of a mark and recapture model to historical data for yellowtail flounder off New England. [Abstr; oral]. American Fisheries Society 135th Annual Meeting; Anchorage, AK; Sep. 11-15, 2005; np. [WH]
- ALADE LA, <u>WESTWOOD A</u>, Johnson A, CADRIN SX, RAGO P, May E. 2005. A pilot study on tag-induced mortality of yellowtail flounder (*Limanda ferruginea*). [Abstr; poster]. American Fisheries Society 135th Annual Meeting; Anchorage, AK; Sep. 11-15, 2005; np. [WH]
- Baumgarter M, <u>WENZEL FW</u>. 2005. Observations of near-bottom foraging by right whales in the Great South Channel. [Abstr; oral]. North Atlantic Right Whale Consortium 2005 Annual Meeting; New Bedford, MA; Nov. 2-3, 2005; np. [WH]
- BERMAN M, Bergondo D, Oviatt C, Nixon S. 2005. Bands of tidally induced vertical mixing transport hypoxic water to the surface in Narragansett Bay. [Abstr; oral]. 18th Biennial Conference of the Estuarine Research Federation; Norfolk, VA; Oct. 16-21, 2005; np. [NG]
- Biedron IS, Clark CW, <u>WENZEL FW</u>. 2005. Counter-calling in North Atlantic right whales (*Eubalaena glacialis*). [Abstr; poster]. 16th Biennial Conference on the Biology of Marine Mammals; San Diego, CA; Dec. 12-16, 2005; p. 35. [WH]
- Birdsong T, McDonough J, <u>NIZINSKI MS</u>, Potter J, Ross S, Sedberry G, Shepard A. 2005. Southeastern US Deep Sea Corals Initiative (SEADESC): characterizing known locations of habitat-forming deep-sea corals in the South Atlantic Bight. [Abstr; oral]. Third International Symposium on Deep-Sea Corals; Miami, FL; Nov. 28 Dec. 2, 2005; p. 90. [NS]
- BISACK KD. 2005. Measuring the economic benefits of right whale protection. [Abstr; poster]. 16th Biennial Conference on the Biology of Marine Mammals; San Diego, CA; Dec. 12-16, 2005; np. [WH]
- BLOGOSLAWSKI WJ. 2005. Overview, 25th Milford Aquaculture Seminar. [Abstr; oral]. 25th Milford Aquaculture Seminar; Milford, CT; Feb. 28-Mar. 2, 2005. J Shellfish Res. 24(4):1260. [MF]

- BOLLES K, <u>FRIEDLAND KD</u>, OVERHOLTZ WJ, CADRIN SX, SILVA V. 2005. Defining Atlantic herring stock structure in the Northwest Atlantic using truss network analysis. [Abstr; poster]. American Fisheries Society 135th Annual Meeting; Anchorage, AK; Sep. 11-15, 2005; np. [WH]
- Booker T, Dorabawila N, Gupta G, <u>CHAMBERS RC</u>. 2005. Toxicity of endocrine disrupting chemicals. [Abstr; poster]. American Fisheries Society 135th Annual Meeting; Anchorage, AK; Sep. 11-15, 2005; np. [SH]
- BRILL RW, Bigelow KA, Laurs M, McNaughton L, Moyes C, Musyl MK, Nielsen A, Sibert J, West A. 2005. Movements of Pacific blue marlin recorded using PSATs. [Abstr; oral]. 4th International Billfish Symposium; Avalon, Santa Catalina Island, CA; Oct. 31- Nov 3, 2005; p. 19. [VA]
- BRODZIAK JKT, LEGAULT CM, COL L, OVERHOLTZ WJ. 2005. Trends in demersal and pelagic species biomasses in the northeast USA continental shelf ecosystem. [Abstr; oral]. American Fisheries Society 135th Annual Meeting; Anchorage, AK; Sep. 11-15, 2005; np. [WH]
- Brooks RA, <u>NIZINSKI MS</u>, Ross SW, Sulak KJ. 2005. Sublethal injury rate in a deepwater Ophiuroid, *Ophiacanta bidentata*, an important component of western Atlantic *Lophelia* reef communities. [Abstr; poster]. Third International Symposium on Deep-Sea Corals; Miami, FL; Nov. 28 Dec. 2, 2005; p. 220. [NS]
- BROUGHTON EA, LOUGH RG. 2005. General trends and interannual variability in prey selection by larval Atlantic cod and haddock from the southern flank of Georges Bank. [Abstr; oral]. 29th Annual Larval Fish Conference; Barcelona, Spain; July 11-14, 2005; p. 34. [WH]
- BUCKLEY LJ, Dutil J-D, Marshall T. 2005. Growth, condition and production of cod in a changing climate. [Abstr; oral]. ICES Annual Science Conference; Aberdeen, Scotland; Sep. 20-24, 2005; pnk. [RI]
- CADRIN SX, Bolles KL, OVERHOLTZ WJ, Armstrong MP, Friedland KD. 2005. Using multidiscipinary stock identification to optimize morphometric discrimination of Atlantic herring spawning groups off New England. [Abstr; oral]. ICES Annual Science Conference; Aberdeen, Scotland; Sep. 20-24, 2005; pnk. [WH]
- CADRIN SX, WESTWOOD AD, Kubis S, ALADE L, Rountree R, Martins D, Jones D, King J, Valliere A, Stone H. 2005. Tagging yellowtail flounder with commercial fishermen. [Abstr; oral]. 61st Northeast Fish and Wildlife Conference; Virginia Beach, VA; Apr. 19, 2005; np. [WH]
- <u>CALDARONE EM</u>, Clemmesen CM, Miller TJ, Folkvord A, Berdalet E, Holt GJ, Suthers IM. 2005. Intercalibration of four spectrofluorometric methods for measuring RNA-DNA ratios in larval and juvenile fish. [Abstr; poster]. 29th Annual Larval Fish Conference; Barcelona, Spain; Jul. 11-14, 2005; p. 36. [NG]
- <u>CALDARONE EM</u>, Clemmesen CM, Miller TJ, Folkvord A, Berdalet E, Holt GJ, Suthers IM. 2005. Intercalibration of four spectrofluorometric methods for measuring RNA-DNA ratios in larval and juvenile fish. [Abstr; poster]. American Fisheries Society 135th Annual Meeting; Anchorage, AK; Sep. 11-15, 2005; np. [NG]
- Candelmo A, <u>DESHPANDE AD</u>, Weis JS. 2005. Behavior and condition responses of young-of-the-year bluefish (*Pomatomus saltatrix*) to contaminants via trophic transfer. [Abstr; oral]. 18th Biennial Conference of the Estuarine Research Federation; Norfolk, VA; Oct. 16-21, 2005; np. [SH]

- CHAMBERS RC, Witting DA. 2005. Identifying environmental constraints on growth and survival of an anadromous gadid, Atlantic tomcod, at southern extreme of its geographic range. [Abstr; oral]. Ecological Society of America 90th Annual Meeting; Montreal, Canada; Aug. 4-12, 2005; np. [SH]
- CHAMBERS RC, Witting DA, Wirgin I. 2005. Rapid local adaptation in an anadromous gadid, Atlantic tomcod, in response to industrial contaminants in the Hudson River Estuary, USA. [Abstr; oral]. 29th Annual Larval Fish Conference; Barcelona, Spain; Jul. 11-14, 2005; np. [SH]
- Chu D, Hufnagle LC Jr, <u>JECH JM</u>. 2005. Quantitative acoustic measurements with multibeam sonars. [Abstr; oral]. Working Group on Fisheries Acoustics Science and Technology [WGFAST]; Rome, Italy; Apr. 19-22, 2005; p. 18. [WH]
- COL LA, O'BRIEN L. 2005. Examining trends in biological indices of Atlantic cod stocks as potential predictors of year class strength. [Abstr; poster]. American Fisheries Society 135th Annual Meeting; Anchorage, AK; Sep.11-15, 2005; np. [WH]
- <u>COLBURN LL</u>. 2005. Socio-cultural adaptations and transformations in New England fishing ports: a comparative analysis of rural and urban communities. [Abstr; oral]. Society for Applied Anthropology 65th Annual Meeting; Santa Fe, NM; Apr. 5-10, 2005; p. 62. [WH]
- COLE TVN, Hartley DL, MERRICK RL. 2005. Mortality and serious injury determinations for large whales stocks along the eastern seaboard of the United States, 1999-2003.
 [Abstr; oral]. 16th Biennial Conference on the Biology of Marine Mammals; San Diego, CA; Dec 12-16, 2005; p. 60. [WH]
- <u>COLLETTE BB.</u> 2005. The diversity of bony fishes. [Abstr; oral]. Fish Barcode of Life Workshop; Guelph, Ontario; Jun. 5-8, 2005; np. [NS]
- <u>COLLETTE BB.</u> 2005. Zenarchopteridae Fowler 1934, a valid family of internally-fertilizing beloniform fishes. [Abstr; oral]. 7th Indo-Pacific Fish Conference; Taipei, Taiwan; May 16, 2005; np. [NS]
- <u>COLLETTE BB</u>, McDowell J. 2005. Phylogeny of recent billfishes (Xiphioidei). [Abstr; oral]. ASIH Symposium -- Interrelationships of Fishes III: Towards a Synthesis of Morphology and Molecules; Tampa, FL; Jul. 8, 2005; np. [NS]
- COLLETTE BB, McDowell J. 2005. Phylogeny of recent billfishes (Xiphioidei). [Abstr; oral]. 4th International Billfish Symposium; Avalon, Santa Catalina Island, CA; Oct. 31- Nov. 3, 2005; np. [NS]
- Collins JA, <u>COLLINS AG</u>. 2005. Systematics as a hypothesis-based science and its fundamental role in understanding oceans. [Abstr; oral]. Oceans 2005 MTS/IEEE; Washington, DC; Sep. 18-23, 2005; np. [NS]
- CROXTON AN, WIKFORS GH, Gragg RD III. 2005. Trophic transfer of sediment-associated contaminants from microphytobenthic communities to bivalve species.
 [Abstr; oral]. 25th Annual Milford Aquaculture Seminar; Milford, CT; Feb. 28-Mar. 2, 2005. J Shellfish Res. 24(4):1261-1262. [MF]
- Dewar H, Block B, <u>BRILL RW</u>, Laurs M, Luo J, McNaughton L, Musyl M, Prince E, Serafy J, Snodgrass D. 2005. Behaviors and habitats of swordfish in the Atlantic and Pacific Oceans. [Abstr; oral]. 4th International Billfish Symposium; Avalon, Santa Catalina Island, CA; Oct. 31- Nov 3, 2005; p. 21. [VA]
- Diaz de Astarloa JM, <u>MUNROE TA</u>. 2005. Differentiation of three commercially important southwestern Atlantic flatfishes based on osteological features. [Abstr; poster]. Sixth

- International Symposium on Flatfish Ecology; Maizuru, Kyoto, Japan; Oct 20-25, 2005; np. [NS]
- DRAXLER AFJ, Sherrell RM, WIECZOREK D, Lavigne MG, Paulson AJ. 2005. Manganese in lobster gills as an index of exposure to hypoxia. [Abstr; oral]. 97th Annual Meeting of the National Shellfisheries Association; Philadelphia, PA; Apr. 10-14, 2005; pnk. [SH]
- DULEY PA, COLE TVN, Naessig P, Taylor C, Zoodsma B, George C. 2005. Resolution of aerial vertical photography using 35mm format digital cameras over water. [Abstr; oral]. Annual Meeting of the North Atlantic Right Whale Consortium; New Bedford, MA; Nov 2-3, 2005; np. [WH]
- EDWARDS SF. 2005. Sea scallops and the stock market: an application of environmental accounting methods. [Abstr; oral]. School for Marine Science and Technology (SMAST) Seminar; New Bedford, MA; Apr 14, 2005; np. [NG]
- FABRIZIO MC, MANDERSON JP, PESSUTTI JP. 2005. Activity patterns and dispersal of black sea bass in a disturbed coastal environment. [Abstr; oral]. American Fisheries Society 135th Annual Meeting; Anchorage, AK; Sep. 11-15, 2005; np. [SH]
- FABRIZIO MC, MANDERSON JP, PESSUTTI JP. 2005. Habitat use and residency time of black sea bass in a disturbed coastal environment: inferences from an ultrasonic tagging experiment. [Abstr; oral]. American Fisheries Society 135th Annual Meeting; Anchorage, AK; Sep. 11-15, 2005; np. [SH]
- FABRIZIO MC, MANDERSON JP, PESSUTTI JP. 2005. Habitat use and residency time of black sea bass in a disturbed coastal environment: inferences from an ultrasonic tagging experiment. [Abstr; oral]. 18th Biennial Conference of the Estuarine Research Federation; Norfolk, VA; Oct. 16-21, 2005; np. [SH]
- FABRIZIO MC, <u>PHELAN BA</u>. 2005. Authorship of scientific papers: who should be an author? [Abstr; oral]. American Fisheries Society 135th Annual Meeting; Anchorage, AK; Sep. 11-15, 2005; np. [SH]
- FRIEDLAND KD, Ahrenholz DW, Manning M, Ryan J, Haas LW. 2005. Functional morphology of the Atlantic menhaden feeding apparatus. [Abstr; oral]. NOAA Workshop -- Predicting effects of over-fishing, eutrophication and disease on estuarine fish assemblages: disentangling effects of multiple stressors on estuarine food webs; Edgewater, MD; May 17, 2005; np. [NG]
- Fritsches KA, <u>BRILL RW</u>, Warrant EJ. 2005. Warm eyes improve visual performance in swordfish. [Abstr; oral]. 4th International Billfish Symposium; Avalon, Santa Catalina Island, CA; Oct. 31- Nov. 3, 2005; p. 24. [VA]
- GAMBLE R, JECH JM. 2005. Improving Atlantic herring (*Clupea harengus*) population estimates using in situ measures and acoustic models. [Abstr; poster]. American Fisheries Society 135th Annual Meeting; Anchorage, AK; Sep. 11-15, 2005; np. [WH]
- Garrison LP, Cierri M, <u>LINK JS</u>. 2005. Using a modified MSVPA to evaluate interactions between Atlantic menhaden and its predators. [Abstr; oral]. American Fisheries Society 135th Annual Meeting; Sep 11-15, 2005; Anchorage, AK; p. 896. [WH]
- Graves J, Gray K, McDowell J, <u>COLLETTE BB</u>. 2005. Population genetic structure of the marlinsucker (*Remora osteochir*). [Abstr; poster]. 4th International Billfish Symposium; Avalon, Santa Catalina Island, CA; Oct. 31- Nov. 3, 2005; np. [NS]
- GREEN BS, <u>CHAMBERS RC</u>. 2005. Evaluating variation in traits among Atlantic tomcod larvae: a combined approach assessing maternal effects and geographic source. Oral

- pres for: 29th Annual Larval Fish Conference; Barcelona, Spain; Jul. 11-14, 2005; np. [SH]
- GREEN BS, <u>CHAMBERS RC</u>. 2005. The magnitude and occurrence of maternal effects in fish populations. [Abstr; oral]. American Fisheries Society 135th Annual Meeting; Anchorage, AK; Sep. 11-15, 2005; np. [SH]
- Greenfield DW, <u>COLLETTE BB</u>. 2005. Toadfishes (Batrachoididae): where are we now?. [Abstr; oral]. 7th Indo-Pacific Fish Conference; Taipei, Taiwan; May 16-20, 2005; np. [NS]
- HAAS HL, MERRICK R, MILLIKEN H, MURRAY KT, BISACK K, ORPHANIDES C. 2005. Assessing and reducing sea turtle bycatch in commercial fisheries in the Northwest Atlantic. [Abstr; oral]. ICES Annual Science Conference; Aberdeen, Scotland; Sep. 20-24, 2005; p. 267. [WH]
- HAWKES JP, SHEEHAN TF, KOCIK JF. 2005. Ultrasonic telemetry: supporting adaptive management towards Atlantic salmon recovery. [Abstr; oral]. American Fisheries Society 135th Annual Meeting; Anchorage, AK; Sep. 11-15, 2005; np. [OR]
- Hégaret H, Shumway SE, <u>WIKFORS GH</u>, Pate S, Burkholder JM. 2005. Transport of harmful algae via relocation of bivalve molluscs. [Abstr; oral]. 8th International Conference on Shellfish Restoration; Brest, France; Oct. 2-5, 2005; p. 42. [MF]
- HENDRICKSON LC, HART DR. 2005. An in-season model for assessing northern shortfin squid (Illex illecebrosus) on the U.S.A. shelf. [Abstr; oral]. 2nd Cephalopod Stock Assessment Workshop [CEPHSTOCK]; Santa Cruz de Tenerife, Canarias, Spain; Sep. 26-27, 2005; np. [WH]
- Hofmann E, Friedrichs M, McClain C, Signorini S, Mannino A, Lee C, O'REILLY JE, Haidvogel D, Wilkin J, Fennel K, SEITZINGER S, Yoder J, Najjar R, Pollard D. 2005. U.S. eastern continental shelf carbon budget: modeling, data assimilation, and analysis. [Abstr; poster]. NASA Ocean Color Research Team Meeting; Portland, OR; Apr. 12-14, 2005; np. [NG]
- Hofmann E, McClain C, Haidvogel D, Wilkin J, Lee C, Mannino A, Najjar R, O'REILLY JE, Yoder J, Fennel K, SEITZINGER S, Signorini S, Pollard D, Friedrichs M. 2005. Eastern U.S. continental shelf carbon budget: modeling, data assimilation, and analysis. [Abstr; oral]. Middle Atlantic Bight Physical Oceanography and Meteorology [MABPOM] Workshop; Stony Brook, NY; Nov. 17-18, 2005; pnk. [NG]
- Horodysky AZ, Latour RJ, Musick JA, Deffenbaugh B, <u>BRILL RW</u>. 2005. Hearing abilities of sciaenid fishes determined via auditory brainstem response using a novel echocancellation algorithm. [Abstr; oral]. ASIH 2005 Annual Meeting; Tampa, FL; Jul. 6-11, 2005; np. [NS]
- Hovermale G, DeAlteris J, MILLIKEN HO III. 2005. Quantifying fish behavior in mouth of NMFS NEFSC bottom survey trawl. [Abstr; oral]. American Fisheries Society 135th Annual Meeting; Anchorage, AK; Sep. 11-15, 2005; np. [WH]
- <u>JEARLD A Jr</u>, Hayden L. 2005. Interagency collaborations with universities to offer interdiciplinary training in remote sensing, ocean and marine sciences. [Abstr; oral]. IGARSS 2005; Seoul, Korea; Jul. 25-29, 2005; pnk. [WH]
- JECH JM. 2005. Report of a workshop to evaluate the Simrad EK60 and comparisons to the Simrad EK500. [Abstr; oral]. WGFAST; Rome, Italy; Apr. 19-22, 2005; p. 20. [WH]

- JECH JM. 2005. Using objective classification methods to evaluate uncertainty in fisheries acoustics surveys. [Abstr; oral]. WGFAST; Rome, Italy; Apr. 19-22, 2005; p. 18. [WH]
- Juanes F, MANDERSON JP, Rountree R. 2005. Habitat, life histories and adaptation: the role of habitat in determining recruitment of juvenile marine fishes. Invited keynote address for Fish Habitat Ecology and Conservation Session. The Fisheries Society of the British Isles Annual International Symposium 2005; Bangor, Wales, UK; Jul. 18-22, 2005; np. [SH]
- KAPAREIKO D, ROBOHM RA, PITCHFORD S, DRAXLER AFJ, WIECZOREK D. 2005. Effects of environmental stressors on disease susceptibility and survival of lobsters (*Homarus americanus*) in western Long Island Sound. [Abstr; oral]. 25th Milford Aquaculture Seminar; Milford, CT; Feb. 28 Mar. 2, 2005. J Shellfish Res. 24(4):1263-1264. [MF]
- KITTS A, PINTO da SILVA P. 2005. Process and policy issues for decentralized fisheries governance in the northeast U.S. [Abstr; oral]. Third Biennial North American Association of Fisheries Economists Forum; Vancouver, BC, Canada; May 25-27, 2005; np. [WH]
- KOCIK JF, HAWKES JP, WILLIAMSON D. 2005. Integrating estuarine environmental modeling, telemetry data, and visualization to understand migration ecology of Atlantic salmon in eastern Maine. [Abstr; oral]. 2005 Maine Water Conference; Augusta, ME; Mar 22, 2005; p. 13. [OR]
- KOCIK JF, Trial JG, Mackey G. 2005. Stage-specific population dynamics of naturally-reared Atlantic salmon in the Narraguagus River. [Abstr; oral]. Conservation Hatchery Workshop; Orono, ME; Jun. 28, 2005; np. [OR]
- Kosaka R, <u>THUNBERG EM</u>. 2005. Scoping cumulative effects: the county business patterns data series and fishing-related industries. [Abstr; oral]. Coastal Zone 2005: Balancing on the Edge; New Orleans, LA; Jul. 17-21, 2005; pnk. [WH]
- Licandro P, Edwards M, <u>JOSSI JW</u>, Reid PC. 2005. A trans-Atlantic comparison of multidecadal variability in copepods. [Abstr; poster]. 9th International Conference on Copepoda; Hammamet, Tunisia; Jul 11-15, 2005; np. [NG]
- LINK JS, ALMEIDA F, REID RN, PACKER D, VITALIANO J, NOJI T, MURAWSKI S, McMILLAN S, BROWN R, RAGO P, GUIDA V, Collie J, Valentine P, Auster P, Lindholm J, METHRATTA ET, BRODZIAK J, ARLEN L, FOGARTY M. 2005. What we have learned from large scale closed areas: the Northeast U.S. example. [Abstr; oral]. First International Marine Protected Areas Congress [IMPAC1]; Geelong, Australia; Oct. 23-28, 2005; p. 90. [WH]
- LINK JS, Bogstad B, Sparholt H, Lilly G. 2005. The role of cod in the ecosystem. [Abstr; oral]. 2005 ICES Annual Science Conference; Aberdeen, Scotland; Sep. 20-24, 2005; p. 286. [WH]
- LINK JS, FOGARTY M, BRODZIAK J, OVERHOLTZ W, NOJI T, MURAWSKI S, SERCHUK F. 2005. A case history of ecosystem considerations for science supporting fishery management in the Northeast US. [Abstr; oral]. 2005 ICES Annual Science Conference; Aberdeen, Scotland; Sep. 20-24, 2005; p. 288. [WH]
- Love JW, <u>CHASE PD</u>. 2005. Preliminary survey of fish assemblages of the Northwestern Atlantic Ocean along latitudinal and depth gradients. [Abstr; oral]. American Fisheries Society 135th Annual Meeting; Anchorage, AK; Sep. 11-15, 2005; np. [WH]

- MacKENZIE CL Jr. 2005. The role of fisheries. [Abstr; oral]. Oyster Restoration in the Hudson-Raritan Estuary Conference; West Long Branch, NJ; Feb. 9-10, 2004; p. 6. [SH]
- MacLEAN SA. 2005. Survey of northwestern Atlantic fishes for salmonid pathogens. [Abstr; poster]. American Fisheries Society 135th Annual Meeting; Anchorage, AK; Sep. 11-15, 2005; np. [NG]
- MacLEAN SA, CALDARONE EM, St. Onge-Burns JM. 2005. RNA-DNA ratios: an indicator of feeding and growth rates in marine fishes. [Abstr; oral]. American Fisheries Society 135th Annual Meeting; Anchorage, AK; Sep. 11-15, 2005; np. [NG]
- MAGNUSSON G, <u>BISACK KD</u>. 2005. Can economics assist in the allocation of a marine mammal and turtle take limits across and within fisheries? [Abstr; poster]. 16th Biennial Conference on the Biology of Marine Mammals; San Diego, CA; Dec. 12-16, 2005; p. 177. [WH]
- MANDERSON JP. 2005. The spatial dynamics of estuarine nursery habitat suitability for a temperate flatfish (winter flounder, *Pseudopleuronectes americanus*, Walbaum) and potential effects on recruitment strength. [Abstr; oral]. Sixth International Symposium on Flatfish Ecology; Kyoto, Japan; Oct. 20-25, 2005; pnk. [SH]
- MANNING JP, TAYLOR MH, WENZEL F, Baumgartner M, COLE TVN, NIEMEYER M. 2005. Changes in the physical oceanography of the Great South Channel in April and May 2005. [Abstr; oral]. North Atlantic Right Whale Consortium Annual Meeting; New Bedford, MA; Nov. 2-3, 2005; pnk. [WH]
- McGee L, Boelke D, Stevenson D, <u>REID RN</u>. 2005. Protecting sensitive deep-sea canyon habitats through fisheries management: a case study in the Northeastern U.S. [Abstr; poster]. Managing Our Nation's Fisheries II: Focus on the Future; Washington, DC; Mar. 24-26, 2005; pnk. [SH]
- MERRICK RL, Cochrane J, DeMaster D, Mace P, Rumsey S, Taylor B, Thompson G, Waples R. 2005. Development of quantitative listing criteria for marine species under the U.S. endangered species act. [Abstr; oral]. 16th Biennial Conference on the Biology of Marine Mammals; San Diego, CA; Dec. 12-16, 2005; p. 190. [WH]
- MESECK SL, ALIX JH, WIKFORS GH, CROXTON AN, DIXON MS. 2005. Photoperiod and light intensity effects on growth and nutrient uptake in the microalgal strain *Tetraselmis chui* (PLY429). [Abstr; oral]. 25th Milford Aquaculture Seminar; Milford, CT; Feb. 28-Mar. 2, 2005. J Shellfish Res. 24(4):1267. [MF]
- MESECK SL, WIDMAN JC Jr, SENNEFELDER G, VEILLEUX D. 2005. Concentrations of ammonia, nitrite and nitrate in recirculating seawater systems causing bay scallop, *Argopecten irradians irradians*, mortality. [Abstr; oral]. National Shellfisheries Association 97th Annual Meeting; Philadelphia, PA; Apr. 10-14, 2005. J Shellfish Res. 24(2):667. [MF]
- METHRATTA ET, LINK JS. 2005. Groundfish habitat and its relationship with assemblage structure and vital population rates in the NW Atlantic. [Abstr; oral]. American Fisheries Society 135th Annual Meeting; Anchorage, AK; Sep. 11-15, 2005; np. [WH]
- METHRATTA ET, LINK JS. 2005. Vital population rates across multiple spatial scales: a geostatistical analysis. [Abstr; oral]. 2005 ICES Annual Science Conference; Aberdeen, Scotland; Sep. 20-24, 2005; p. 135. [WH]

- METHRATTA ET, LINK JS. 2005. Vital population rates across habitat gradients. [Abstr; oral]. The Fisheries Society of the British Isles Annual International Symposium 2005; Bangor, Wales, UK; Jul. 18-22, 2005; p. 31. [WH]
- METHRATTA ET, SMITH BE, LINK JS. 2005. Habitat for flatfish: The relative importance of depth, temperature and substrate. [Abstr; poster]. American Fisheries Society 135th Annual Meeting; Anchorage, AK; Sep. 11-15, 2005; np. [WH]
- MILKE LM, Bricelj VM, Parrish CC. 2005. In search of a superior diet for post-settlement bay and sea scallops (*Argopecten irradians* and *Placopecten magellanicus*): how do diets containing different *Pavlova* spp. stack up? [Abstr; oral]. 25th Milford Aquaculture Seminar; Milford, CT; Feb. 28 Mar. 2, 2005. J Shellfish Res. 24(4):1267. [MF]
- Moller JC, Wiley DN, <u>COLE TVN</u>, NIEMEYER M, Rosner A. 2005. The behavior of commercial ships relative to right whale advisory zones in the Great South Channel during May of 2005. [Abstr; oral]. 16th Biennial Conference on the Biology of Marine Mammals; San Diego, CA; Dec. 12-16, 2005; p. 195. [WH]
- MUNROE TA, Brooks H, Lowery W. 2005. Temporal trends in distribution and abundance of flatfishes in lower Chesapeake Bay and its major tributaries (USA). [Abstr; poster]. 6th International Symposium on Flatfish Ecology; Kyoto, Japan; Oct. 20-25, 2005; pnk. [NS]
- Musyl M, Arnold G, <u>BRILL RW</u>, Domeier M, Lasby Lucas N, Lutcavage M, McNaughton L, Swimmer Y, Wilson S. 2005. PSAT performance evaluation and meta data analysis. [Abstr; oral]. 4th International Billfish Symposium; Avalon, Santa Catalina Island, CA; Oct. 31 Nov 3, 2005; p. 33. [VA]
- Musyl M, Moyes C, Sibert J, Nielsen A, West A, McNaughton L, <u>BRILL RW</u>. 2005. Movements of Pacific blue marlin recorded using PSATs. [Abstr; oral]. 56th International Tuna Conference; Lake Arrowhead, CA; May 23-26, 2005; p. 36. [VA]
- NELSON DA, PERRY D, REDMAN D. 2005. Growing large numbers of rotifers, Brachionus plicatilis, at the NMFS Milford Laboratory: what works. [Abstr; poster]. 25th Annual Milford Aquaculture Seminar; Milford, CT; Feb. 28 - Mar. 2, 2005; p. 40. [MF]
- NIEMEYER MN, COLE TVN. 2005. The United States Coast Guard [USCG] as a valuable resource for marine mammal management. [Abstr; oral]. The 16th Biennial Conference on the Biology of Marine Mammals; San Diego, CA; Dec. 12-16, 2005; p. 205. [WH]
- NIZINSKI MS, Ross SW, Sulak KJ. 2005. Habitat utilization and species-specific associations between galatheids and deepwater corals off the southeastern United States. [Abstr; oral]. Third International Symposium on Deep-Sea Corals; Miami, FL; Nov. 28 Dec. 2, 2005; p. 53. [NS]
- NIZINSKI MS, Ross SW, Sulak KJ. 2005. Habitat utilization and species-specific associations between galatheids and deepwater corals off the southeastern United States. [Abstr; oral]. Sixth International Crustacean Congress: Glasgow, Scotland; Jul. 18-22, 2005; p. 96. [NS]
- NORDAHL V, DeAlteris J, BROWN R. 2005. A performance comparison of a standard sea scallop dredge with and without rock excluding chains. [Abstr; oral]. American Fisheries Society 135th Annual Meeting; Anchorage, AK; Sep. 11-15, 2005; np. [WH]

- Nøttestad L, Olsen E, Skov H, Falkenhaug T, Søiland H, Gislason A, Horne J, Anderson C, Piatkowski U, <u>WARING GT</u>, Vikingson G. 2005. Marine mammal hot spots in the open ocean: why do we find aggregations of large baleen and toothed whales along the Mid-Atlantic Ridge between Iceland and the Azores? [Abstr; poster]. 16th Biennial Conference on the Biology of Marine Mammals; San Diego, CA; Dec. 12-16, 2005; p. 208. [WH]
- O'BRIEN L, Barot S, Heino M, Dieckmann U. 2005. Trends in maturation reaction norms of Georges Bank haddock under selective fishing pressure. [Abstr; poster]. American Fisheries Society 135th Annual Meeting; Anchorage, AK; Sep. 11-15, 2005; np. [WH]
- O'REILLY JE, Marra J. 2005. Global ocean primary production: a comparison of results from three productivity models. [Abstr; poster]. NASA Ocean Color Research Science Team Meeting; Portland, OR; Apr. 12-14, 2005; np. [NG]
- ORRELL TM, COLLETTE BB, Johnson GD. 2005. Molecular data support separate scombroid and xiphioid clades. [Abstr; oral]. 7th Indo-Pacific Fish Conference; Taipei, Taiwan; May 16, 2005; np. [NS]
- PACE RM III, Silber GK. 2005. Simple analyses of ship and large whale collisions: does speed kill? [Abstr; oral]. 16th Biennial Conference on the Biology of Marine Mammals; San Diego, CA; Dec. 12-16, 2005; p. 215-216. [WH]
- PALKA DL. 2005. Evaluating assumptions underlying a line transect analysis of a 2004
 Northwest Atlantic shipboard abundance survey for cetaceans. [Abstr; oral]. 2005
 ICES Annual Science Conference; Aberdeen, Scotland; Sep. 20-24, 2005; p. 201. [WH]
- PALKA DL. 2005. Statistical models to predict bycatch rates under potential mitigation measures, using coastal bottlenose dolphins as an example. [Abstr; oral]. 16th
 Biennial Conference on the Biology of Marine Mammals; San Diegeo, CA; Dec. 12-16, 2005; p. 216-217. [WH]
- <u>PALKA DL</u>, SMITH DW. 2005. Description of 2005 simulations of the IWC/SOWER Southern Hemisphere minke whale abundance survey. [Abstr; oral]. IWC Meeting; Ulsan, Korea; May 30 Jun. 10, 2005; pnk. [WH]
- Peck MA, Geffen AJ, <u>CHAMBERS RC</u>. 2005. Intra- and inter-specific effects of temperature on the development rate of marine fish embryos. [Abstr; poster]. 29th Annual Larval Fish Conference; Barcelona, Spain; Jul. 11-14, 2005; np. [SH]
- Persson A, <u>SMITH BC</u>, WIKFORS GH, Quilliam M, MARTIN C. 2005. Accumulation of toxin by the oyster, *Crassostrea virginica*, after consuming toxic resting cysts of *Alexandrium fundyense*. [Abstr; oral]. 25th Annual Milford Aquaculture Seminar; Milford, CT; Feb. 28 Mar. 2, 2005. J Shellfish Res. 24(4):1268. [MF]
- PHELAN BA, MANDERSON JP. 2005. Considering the essential fish habitat dynamics of winter flounder in a Mid-Atlantic estuary. [Abstr; oral]. AERS [Atl. Estuarine Res. Soc.] Spring 2005 Meeting; Solomons, MD; Mar. 10-12, 2005; np. [SH]
- <u>PINTO da SILVA P.</u> 2005. Marine extractive reserves: theory, policy and practice. [Abstr; oral]. Society for Conservation Biology 19th Annual Meeting; Brasilia, Brazil; Jul. 15-19, 2005; pnk. [WH]
- PINTO da SILVA P, Kalikoski D, Seixas C. 2005. Community based conservation in Brasilian fisheries: challenges and opportunities. [Abstr; oral]. Society for Conservation Biology 19th Annual Meeting; Brasilia, Brazil; Jul. 15-19, 2005; pnk. [WH]

- PINTO da SILVA P, KITTS A. 2005. Process and policy issues for community based management in northeast US Fisheries. [Abstr; oral]. Society for Applied Anthropology 65th Annual Meeting; Santa Fe, NM; Apr. 5-10, 2005; p. 158. [WH]
- <u>PITCHFORD S</u>, ROBOHM R. 2005. Vibriosis in cultured larvae of the bay scallop, <u>Argopecen irradians</u>. [Abstr; oral]. 25th Annual Milford Aquaculture Seminar; Milford, CT; Feb. 28 - Mar. 2, 2005. J Shellfish Res. 24(4):1268. [MF]
- Quinlan J, MANDERSON JP, Shaheen P, Law G, Bosch J, Kohut J, Creed L. 2005. Understanding the landscape: fisheries surveys within an integrated ocean observation system in the New York Bight. [Abstr; oral]. ASLO 2005 Aquatic Sciences Meeting; Salt Lake City, UT; Feb. 20-25, 2005; np. [SH]
- Quinlan J, MANDERSON JP, Shaheen P, SIBUNKA J, Law G, Noji C. 2005. Atlantic menhaden spawn in cool water in the New York Bight apex. [Abstr; oral]. 18th Biennial Conference of the Estuarine Research Federation; Norfolk, VA; Oct. 16-21, 2005; np. [SH]
- RAGO PJ. 2005. The thrill of decline and the agony of recovery: scientific challenges of spiny dogfish recovery programs. [Abstr; oral]. First International Symposium on the Management & Biology of Dogfish Sharks; Seattle, WA; Jun. 13-15, 2005; p. 43. [WH]
- RICHARDS RA, FOGARTY MJ, MOUNTAIN DG. 2005. Environmental effects on recruitment of Northern shrimp in the Gulf of Maine. [Abstr; oral]. American Fisheries Society 135th Annual Meeting; Anchorage, AK; Sep. 11-15, 2005; np. [WH]
- Shea EK, <u>VECCHIONE M</u>. 2005. Preliminary comparison of the cephalopod fauna of the NE US continental slope and Bear Seamount (New England Seamount Chain). [Abstr; oral]. 2005 International Ocean Research Conference; Paris, France; Jun. 6-10, 2005; p. 147. [NS]
- SHEEHAN TF, LEGAULT C, Spidle A, King T. 2005. Probabilistic-based genetic assignment model: sub-continent of origin assignment of the West Greenland Atlantic salmon catch. [Abstr; oral]. American Fisheries Society 135th Annual Meeting; Anchorage, AK; Sep. 11-15, 2005; pnk. [WH]
- SHEPHERD GR, CADRIN SX, MOSER J, WESTWOOD A, KUBIS S. 2005. Application of electronic data storage tags in studies of black sea bass (*Centropristis striata*) and yellowtail flounder (*Limanda ferruginea*) in the Northwest Atlantic. [Abstr; oral]. Advanced Sampling Technology Working Group Tagging Workshop; Seattle, WA; Aug. 23-25, 2005; pnk. [WH]
- SHERMAN K. 2005. Resource productivity and management for sustainability of the NE continental shelf large marine ecosystem. [Abstr; oral]. 18th Biennial Conference of the Estuarine Research Federation; Norfolk, VA; Oct. 16-21, 2005; pnk. [NG]
- SHERMAN K, Hoagland P. 2005. Driving forces affecting resource sustainability. [Abstr; oral]. ICES 2005 Annual Science Conference; Aberdeen, Scotland; Sep. 20-24, 2005; pnk. [NG]
- Silva R, DeAlteris J, MILLIKEN HO III. 2005. Pound net and sea turtle interactions in Chesapeake Bay, VA: preliminary results of a bycatch reduction experiment. [Abstr; oral]. American Fisheries Society 135th Annual Meeting; Anchorage, AK; Sep. 11-15, 2005; np. [WH]

- SMITH BE, Ligenza TJ, ALMEIDA FP, LINK JS. 2005. Mesoscales, cooperative research and the trophic ecology of Atlantic cod. [Abstr; poster]. American Fisheries Society 135th Annual Meeting; Anchorage, AK; Sep. 11-15, 2005; np. [WH]
- SMITH BE, METHRATTA ET, Milliken CG, Bolles K, LINK JS. 2005. Bentho-demersal food webs on Georges Bank: examining flatfish predator-prey relationships. [Abstr; poster]. American Fisheries Society 135th Annual Meeting; Anchorage, AK; Sep. 11-15, 2005; np. [WH]
- SMITH DW, PALKA DL. 2005. Evaluating methods to estimate whale density and detection function parameters. [Abstr; poster]. 16th Biennial Conference on the Biology of Marine Mammals; San Diego, CA; Dec. 12-16, 2005; p. 263. [WH]
- SOSEBEE KA. 2005. The potential effects of maternal size on the survival of newborn spiny dogfish, *Squalus acanthias*. [Abstr; oral]. First International Symposium on the Management & Biology of Dogfish Sharks; Seattle, WA; Jun. 13-15, 2005; pnk. [WH]
- STEHLIK LL. 2005. Effects of cold and decreasing salinity on female blue crabs. [Abstr; oral]. Benthic Ecology Meeting 2005; Williamsburg, VA; Apr. 6-10, 2005; p. 161. [SH]
- STEHLIK LL. 2005. Effects of decreasing temperature and salinity on female blue crabs. [Abstr; poster]. Chesapeake Bay Integrated Research Program Annual Symposium; Laurel, MD; Apr. 27-28, 2005; np. [SH]
- STEIMLE FW Jr. 2005. Natural oyster reef habitat in the Hudson-Raritan estuary. [Abstr; oral]. Oyster Restoration in the Hudson-Raritan Estuary Conference; West Long Branch, NJ; Feb. 9-10, 2004; p. 1. [SH]
- STEIMLE FW Jr. 2005. The status and future of benthic macrofauna science in the Delaware estuary. [Abstr; oral]. Delaware Estuary Science Conference 2005; Cape May, NJ; Jan. 10-12, 2005; p. 78. [SH]
- STILES S, CHOROMANSKI J, JEFFRESS D. 2005. Combining phenotypic (striped shells), allozyme and molecular (DNA) markers to develop genetic tags for bay scallop (*Argopecten irradians irradians*) stock identification and restoration. [Abstr; oral]. 25th Annual Milford Aquaculture Seminar; Milford, CT; Feb. 28 Mar. 2, 2005. J Shellfish Res. 24(4):1271. [MF]
- STILES S, CHOROMANSKI J, JEFFRESS D. 2005. Phenotypic shell markers: assessment tools for stock restoration of bay scallops, *Argopecten irradians irradians*. [Abstr; oral]. 97th Annual Meeting of the National Shellfisheries Association; Philadelphia, PA; Apr. 10-14, 2005; J Shellfish Res. 24(2):677. [MF]
- STILES S, PITCHFORD S, JEFFRESS D, CHOROMANSKI J. 2005. Comparisons of methods for DNA extraction and processing of different tissues in bay scallops (*Argopecten irradians*) from genetic lines. [Abstr; oral]. 25th Annual Milford Aquaculture Seminar; Milford, CT; Feb. 28 Mar. 2, 2005. J Shellfish Res. 24(4):1271-1272. [MF]
- STILES S, Relyea D, Zahtila J. 2005. Commmercial applications of genetic selection and technology in bivalves: oysters (*Crassostrea virginica*), clams (*Mercenaria mercenaria*), and scallops (*Argopecten irradians*). [Abstr; oral]. 25th Annual Milford Aquaculture Seminar; Milford, CT; Feb. 28 Mar. 2, 2005. J Shellfish Res. 24(4):1272. [MF]

- Taibe V, <u>CHAMBERS RC</u>, May E, Waguespack Y. 2005. Sediment effects on the early life stages of winter flounder (*Pseudopleuronectes americanus*). [Abstr; poster]. American Fisheries Society 135th Annual Meeting; Anchorage, AK; Sep. 11-15, 2005; np. [SH]
- TRAVER ML, <u>COL LA</u>, BRODZIAK JKT. 2005. A preliminary look at the Georges Bank haddock 2003 baby boom. [Abstr; poster]. American Fisheries Society 135th Annual Meeting; Anchorage, AK; Sep. 11-15, 2005; np. [WH]
- Valentine PC, Collie J, <u>REID RN</u>, Asch R, GUIDA V. 2005. The invasive tunicate *Didemnum* sp. on Georges Bank: ecological observations and possible effects on groundfish and scallop fisheries. [Abstr; poster]. 1st International Invasive Sea Squirt Conference; Woods Hole, MA; Apr. 21-22, 2005; np. [SH]
- Wadsworth J, <u>STILES S</u>, CHOROMANSKI J, JEFFRESS D, Rollins T. 2005. Net pens as spawning, growth and survival sanctuaries for stock restoration of bay scallops, *Argopecten irradians*. [Abstr; oral]. 25th Annual Milford Aquaculture Seminar; Milford, CT; Feb. 28 Mar. 2, 2005. J Shellfish Res. 24(4):1273-1274. [MF]
- <u>WALDEN JB</u>, FULCHER C. 2005. Moving toward market based management regimes: implementing days at sea leasing in the northeast (USA) multispecies fishery. [Abstr; oral]. North American Association of Fisheries Economists Biennial Forum; Vancouver, BC, Canada; May 25-27, 2005; np. [WH]
- Walton W, Murphy D, GOLDBERG R, STILES S, Tettelbach S, Chintala M, Tammi K. 2005. Bay scallop restoration in the Northeast: a workshop summary. [Abstr; oral]. 97th Annual Meeting of the National Shellfisheries Association; Philadelphia, PA; Apr. 10-14, 2005. J Shellfish Res. 24(2):681. [MF]
- WARING GT, DiGiovanni R, Ferland A, Wood S. 2005. Review of criteria for index sites for monitoring seal abundance and trends: application to southern New England. [Abstr; oral]. 2005 ICES Annual Science Conference; Aberdeen, Scotland; Sep. 20-24, 2005; p. 210. [WH]
- WARING GT, Nøttestad L, Olsen E, Skov H. 2005. Distribution and density estimates of cetaceans along the Mid-Atlantic Ridge during summer 2004. [Abstr; oral]. 16th Biennial Conference on the Biology of Marine Mammals; San Diego, CA; Dec. 12-16, 2005; p. 297-298. [WH]
- <u>WENZEL FW</u>, Allen J, Berrow S, Jann B, Seton RE. 2005. Humpback whales (*Megaptera novaeangliae*) of the Cape Verde Islands. [Abstr; poster]. 16th Biennial Conference on the Biology of Marine Mammals; San Diego, CA; Dec. 12-16, 2005; p. 301. [WH]
- WHITMAN LD, <u>SAUNDERS RC</u>, Gallagher M. 2005. Options for controlling smallmouth bass to protect native salmonids in Maine. [Abstr; oral]. 31st Annual Meeting of the Atlantic International Chapter of the American Fisheries Society; Rangeley, ME; Sep. 25-27, 2005; pnk. [OR]
- WHITMAN LD, <u>SAUNDERS RC</u>, Gallagher M. 2005. Options for controlling smallmouth bass to protect native salmonids in Maine. [Abstr; oral]. East Coast Trout Management and Culture Workshop IV; Lock Haven, PA; Jun. 6-8, 2005; pnk. [OR]
- Whitney N, Taquet M, Dagorn L, Girard C, <u>BRILL RW</u>, Holland K. 2005. Swimming depth of the dolphinfish (*Coryphaena hippurus*) from active and passive telemetry. [Abstr; oral]. 6th Conference on Fish Telemetry held in Europe; Sesimbra, Portugal; Jun. 5-11, 2005; np. [VA]

- Whitney N, Taquet M, Girard C, <u>BRILL RW</u>, Holland K, Dagorn L. 2005. Swimming depth of the dolphinfish (*Coryphaena hippurus*) from active and passive telemetry. [Abstr; oral]. ASIH 2005 Annual Meeting; Tampa, FL; Jul. 6-11, 2005; np. [VA]
- <u>WIDMAN JC Jr.</u> 2005. Image analysis for shellfish aquaculturists -- using ImageJ, a free open-source image processing program. [Abstr; oral]. 25th Annual Milford Aquaculture Seminar; Milford, CT; Feb. 28 Mar. 2, 2005. J Shellfish Res. 24(4):1275. [MF]
- <u>WIDMAN JC Jr</u>, MESECK SL, SENNEFELDER G, VEILLEUX DJ. 2005. Toxicity effects of 72 hour nitrogen exposure to bay scallops, *Argopecten irradians*. [Abstr; oral]. 25th Annual Milford Aquaculture Seminar; Milford, CT; Feb. 28 Mar. 2, 2005. J Shellfish Res. 24(4):1274-1275. [MF]
- WIDMAN JC Jr, VEILLEUX DJ. 2005. Survival and growth of bay scallops, *Argopecten irradians irradians*, fed *Tetraselmis chui* as an algal paste and live microalgae from carboy cultures. [Abstr; poster]. 97th Annual Meeting of the National Shellfisheries Association; Philadelphia, PA; Apr. 10-14, 2005. J Shellfish Res. 42(2):636. [MF]
- <u>WIDMAN JC Jr</u>, VEILLEUX DJ. 2005. Survival and growth of bay scallops, *Argopecten irradians irradians*, in semi-static cultures systems utilizing an automated feeding system. [Abstr; oral]. 97th Annual Meeting of the National Shellfisheries Association; Philadelphia, PA; Apr. 10-14, 2005. J Shellfish Res. 24(2):633. [MF]
- WIKFORS GH, DIXON MS, Giner J-L, Zhao H. 2005. Where do bay scallops get their cholesterol? Experimental approach using stable-isotope labeled phytosterols. [Abstr; oral]. 25th Annual Milford Aquaculture Seminar; Milford, CT; Feb. 28 Mar. 2, 2005. *J Shellfish Res.* 24(4):1275. [MF]
- WIKFORS GH, Ozbay G, Place AR, LI JY, MESECK SL, Hégaret H, ALIX JH. 2005. Harmful algal roadblocks to eastern oyster restoration -- *Prorocentrum mininum* and *Karlodinium micrum*. [Abstr; oral]. 8th International Conference on Shellfish Restoration; Brest, France; Oct. 2-5, 2005; p. 44. [MF]
- Wirgin I, Roy N, Carlson E, <u>CHAMBERS RC</u>. 2005. Molecular, organismic, and population alterations from contaminant exposure in Atlantic tomcod from the Hudson River. [Abstr; oral]. American Fisheries Society 135th Annual Meeting; Anchorage, AK; Sep. 11-15, 2005; np. [SH]

Procedures for Issuing Manuscripts in the

Northeast Fisheries Science Center Reference Document (CRD) Series

Clearance: All manuscripts submitted for issuance as CRDs must have cleared the NEFSC 's manuscript/abstract/web-page review process. If any author is not a federal employee, he/she will be required to sign an "NEFSC Release-of-Copyright Form." If your manuscript includes material lifted from another work which has been copyrighted, then you will need to work with the NEFSC's Editorial Office to arrange for permission to use that material by securing release signatures on the "NEFSC Use-of- Copyrighted-Work Permission Form."

Organization: Manuscripts must have an abstract and table of contents, and — if applicable — lists of figures and tables. As much as possible, use traditional scientific manuscript organization for sections: "Introduction," "Study Area"/"Experimental Apparatus," "Methods," "Results," "Discussion" and/or "Conclusions," "Acknowledgments," and "Literature/References Cited."

Style: The CRD series is obligated to conform with the style contained in the current edition of the *United States Government Printing Office Style Manual*. That style manual is silent on many aspects of scientific manuscripts. The CRD series relies more on the *CBE/CSE Style Manual*. Manuscripts should be prepared to conform with these style manuals.

The CRD series uses the American Fisheries Society's guides to names of fishes, mollusks, and decapod crustaceans, the Society for Marine Mammalogy's guide to names of marine mammals, the Biosciences Information Service's guide to serial title abbreviations, and the International Standardization Organization's guide to statistical terms.

For in-text citation, use the name-date system. A special effort should be made to ensure that all necessary bibliographic information is included in the list of cited works. Personal communications must include date, full name, and full mailing address of the contact.

Preparation: The document must be paginated continuously from beginning to end and must have a "Table of Contents." Begin the preliminary pages of the document -- always the "Table of Contents" -- with page "iii." Begin the body of the document -- normally the "Introduction" -- with page "1," and continuously paginate all pages including tables, figures, appendices, and indices. You can insert blank pages as appropriate throughout the document, but account for them in your pagination (e.g., if your last figure ends on an odd-numbered/right-hand page such as "75," and if your next page is the first page of an appendix, then you would normally insert a blank page after the last figure, and paginate the first page of the appendix as "77" to make it begin on an odd-numbered/right-hand page also). Forward the final version to the Editorial Office as both a paper copy and electronically (i.e., e-mail attachment, 3.5-inch floppy disk, high-density zip disk, or CD). For purposes of publishing the CRD series only, the use of Microsoft Word is preferable to the use of Corel WordPerfect.

Production and Distribution: The Editorial Office will develop the inside and outside front covers, the inside and outside back covers, and the title and bibliographic control pages (pages "i" and "ii") of the document, then combine those covers and preliminary pages with the text that you have supplied. The document will then be issued online.

Paper copies of the four covers and two preliminary pages will be sent to the sole/senior NEFSC author should he/she wish to prepare some paper copies of the overall document as well. The Editorial Office will only produce three paper copies (*i.e.*, two copies for the NEFSC's libraries and one copy for its own archives) of the overall document.

A number of organizations and individuals in the Northeast Region will be notified by e-mail of the availability of the online version of the document. The sole/senior NEFSC author of the document will receive a list of those so notified.

Research Communications Branch Northeast Fisheries Science Center National Marine Fisheries Service, NOAA 166 Water St. Woods Hole, MA 02543-1026

> MEDIA MAIL

Publications and Reports of the Northeast Fisheries Science Center

The mission of NOAA's National Marine Fisheries Service (NMFS) is "stewardship of living marine resources for the benefit of the nation through their science-based conservation and management and promotion of the health of their environment." As the research arm of the NMFS's Northeast Region, the Northeast Fisheries Science Center (NEFSC) supports the NMFS mission by "conducting ecosystem-based research and assessments of living marine resources, with a focus on the Northeast Shelf, to promote the recovery and long-term sustainability of these resources and to generate social and economic opportunities and benefits from their use." Results of NEFSC research are largely reported in primary scientific media (*e.g.*, anonymously-peer-reviewed scientific journals). However, to assist itself in providing data, information, and advice to its constituents, the NEFSC occasionally releases its results in its own media. Currently, there are three such media:

NOAA Technical Memorandum NMFS-NE -- This series is issued irregularly. The series typically includes: data reports of long-term field or lab studies of important species or habitats; synthesis reports for important species or habitats; annual reports of overall assessment or monitoring programs; manuals describing program-wide surveying or experimental techniques; literature surveys of important species or habitat topics; proceedings and collected papers of scientific meetings; and indexed and/or annotated bibliographies. All issues receive internal scientific review and most issues receive technical and copy editing.

Northeast Fisheries Science Center Reference Document -- This series is issued irregularly. The series typically includes: data reports on field and lab studies; progress reports on experiments, monitoring, and assessments; background papers for, collected abstracts of, and/or summary reports of scientific meetings; and simple bibliographies. Issues receive internal scientific review, but no technical or copy editing.

Resource Survey Report (formerly Fishermen's Report) -- This information report is a quick-turnaround report on the distribution and relative abundance of selected living marine resources as derived from each of the NEFSC's periodic research vessel surveys of the Northeast's continental shelf. There is no scientific review, nor any technical or copy editing, of this report.

OBTAINING A COPY: To obtain a copy of a *NOAA Technical Memorandum NMFS-NE* or a *Northeast Fisheries Science Center Reference Document*, or to subscribe to the *Resource Survey Report*, either contact the NEFSC Editorial Office (166 Water St., Woods Hole, MA 02543-1026; 508-495-2350) or consult the NEFSC webpage on "Reports and Publications" (http://www.nefsc.noaa.gov/nefsc/publications/).

ANY USE OF TRADE OR BRAND NAMES IN ANY NEFSC PUBLICATION OR REPORT DOES NOT IMPLY ENDORSEMENT.