



Northeast Fisheries Science Center Reference Document 07-14

**NEFSC Publications, Reports, Abstracts,  
and Web Pages/Documents  
for Calendar Year 2006**

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## Northeast Fisheries Science Center Reference Documents

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## Ordering Information

The web version of this document links each bibliographic entry to an e-mail request to the senior NEFSC author or a contact acting in his/her stead, indicated by a [hyperlink](#). To request a copy of a work by postal mail, the address for the senior NEFSC author or contact is associated with the bracketed two-letter code at the end of the bibliographic 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 02882-1199
- 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 peer-reviewed and non-peer reviewed publications (“reports”); (3) abstracts for oral presentations and poster displays; and (4) web pages and documents. The bibliography covers works prepared by Northeast Fisheries Science Center (NEFSC) employees which have a 2006 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 2006, are designated by capital letters.

Works which have a pre-2006 publication date but which were not released until 2006, or which have a 2006 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 based on the Council of Science Editors style manual, seventh<sup>1</sup> edition.

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.

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

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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.

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## List of Acronyms

- AFS = [American Fisheries Society](#)
- ASIH = [American Society of Ichthyologists and Herpetologists](#)
- ASLO = [American Society of Limnology and Oceanography](#)
- ICES = [International Council for the Exploration of the Sea](#)
- IEEE = [Institute of Electrical and Electronics Engineers](#)
- IWC = [International Whaling Commission](#)
- 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](#)
- PICES = [North Pacific Marine Science Organization](#)
- SARC = [Stock Assessment Review Committee](#)
- SAW = [Stock Assessment Workshop](#)
- URI = [University of Rhode Island](#)
- TRAC = [Transboundary Resource Assessment Committee](#)
- WGFAST = [Working Group on Fisheries Acoustics Science And Technology](#)

## Publications

- Able WK, FAHAY MP [retired], Witting DA, [McBRIDE RS](#), Hagan SM. 2006. Fish settlement in the ocean vs. estuary: comparison of pelagic larval and settled juvenile composition and abundance from southern New Jersey, U.S.A. *Estuar Coast Shelf Sci.* 66(1-2):280-290. [WH]
- Altieri KE, Carlton AG, Turpin BJ, [SEITZINGER SP](#). 2006. Evidence for oligomer formation in clouds: reactions of isoprene oxidation products. *Environ Sci Technol.* 40(16):4956-4960. [RG]
- Anderson ME, [STEIN DL](#). 2006. Redescription of the rare ophidioid fish, *Holcomycteronus brucei*, from two new specimens from the Southern Ocean. *Polar Biol.* 29(8):640-642. [NS]
- Ardizzone D, Cailliet GM, [NATANSON LJ](#), Andrews AH, Kerr LA, Brown TA. 2006. Application of bomb radiocarbon chronologies to shortfin mako (*Isurus oxyrinchus*) age validation. *Environ Biol Fishes.* 77(3-4):355-366. [NG]
- Barlow J, Ferguson MC, Perron WF, Ballance L, Gerrodette T, Joyce G, MacLeod CD, Mullins KD, [PALKA DL](#), Waring GT. 2006. Abundance and densities of beaked and bottlenose whales (family Ziphiidae). *J Cetacean Res Manage.* 7(3):263-270. [WH]
- [BISACK KD](#), Sutinen JG. 2006. A New Zealand ITQ fishery with an in-season stock externality. *Mar Resour Econ.* 21(3):231-249. [WH]
- [BISACK KD](#), Sutinen JG. 2006. Harbor porpoise bycatch: ITQs or time/area closures in the New England gillnet fishery. *Land Econ.* 82(1):85-102. [WH]
- [BLOGOSLAWSKI W](#), editor. 2006. Abstracts of technical papers, 26th Milford Aquaculture Seminar and Juvenile Oyster Disease Sessions. *J Shellfish Res.* 25(2):651-686. [MF]
- [BRILL RW](#), Bushnell PG. 2006. Effects of open- and closed-system temperature changes on blood O<sup>2</sup>-binding characteristics of Atlantic bluefin tuna (*Thunnus thynnus*). *Fish Physiol Biochem.* DOI 10.1007/s10695-006-9104-7. [VA]
- [BROUGHTON EA](#), LOUGH RG. 2006. A direct comparison of MOCNESS and Video Plankton Recorder zooplankton abundance estimates: possible applications for augmenting net sampling with video systems. *Deep-Sea Res II.* 53:2789-2807. [WH]
- [BUCKLEY LJ](#), CALDARONE EM, LOUGH RG, ST ONGE-BURNS JM. 2006. Ontogenetic and seasonal trends in recent growth of Atlantic cod (*Gadus morhua*) and haddock (*Melanogrammus aeglefinus*) larvae on Georges Bank: the effects of photoperiod and temperature. *Mar Ecol Prog Ser.* 325:205-226. [NG]
- [BUCKLEY LJ](#), Durbin EG. 2006. Seasonal and inter-annual trends in the zooplankton prey and growth rate of Atlantic cod (*Gadus morhua*) and haddock (*Melanogrammus aeglefinus*) larvae on Georges Bank. *Deep-Sea Res II.* 53(23-24):2758-2770. [RI]
- [CALDARONE EM](#), Clemmesen CM, Berdalet E, Miller TJ, Folkvord A, Holt GJ, Pilar Olivar MP, Suthers IM. 2006. Intercalibration of four spectrofluorometric protocols for measuring RNA/DNA ratios in larval and juvenile fish. *Limnol Oceanogr Meth.* 4:153-163. [NG]
- Carlini DB, Kunkle LK, [VECCHIONE M](#). 2006. A molecular systematic evaluation of the squid genus *Illex* (Cephalopoda : Ommastrephidae) in the North Atlantic ocean and Mediterranean Sea. *Molec Phylog Evol.* 41(2):496-502. [NS]
- Carlton AG, Lim H-J, Altieri KE, [SEITZINGER SP](#), Turpin BJ. 2006. Link between isoprene and secondary organic aerosol (SOA): Pyruvic acid oxidation yields low volatility organic acids in clouds. *Geophys Res Lett.* 33, L06822, doi:10.1029/2005GL025374. [RG]
- CLAPHAM PJ, [LINK JS](#). 2006. Whales, whaling and ecosystems in the North Atlantic Ocean. In: Estes JA, DeMaster DP, Doak DF, Williams TM, Brownell RL, editors. *Whales, whaling, and ecosystems* Chicago (IL): Univ Chicago Press; p. 314-323. [WH]

- [CLARK PE](#), PEREIRA JJ, Auken LA, Parkins C, Vinokur L. 2006. Size-related variation in the diet of juvenile tautog (*Tautoga onitis*) from Long Island Sound [note]. *Trans Am Fish Soc.* 135:1361-1370. [MF]
- [COLBURN LL](#), guest editor. 2006. Research and resource management in North American fisheries. *Hum Organiz.* 65(Spec Iss 3); 340+ p. [WH]
- [COLBURN LL](#), Abbott-Jamieson S, CLAY PM. 2006. Anthropological applications in the management of federally managed fisheries: context, institutional history, and prospectus. *Hum Organiz.* 65(Spec Iss 3):231-239. [WH]
- [COLLETTE BB](#), Greenfield DW, Costa JL. 2006. Are there one or two species of *Halobatrachus* toadfishes (Teleostei: Batrachoididae) in the Eastern Atlantic? *Proc Calif Acad Sci.* 57(31):937-943. [NS]
- [COLLETTE BB](#), McDowell JR, Graves JE. 2006. Phylogeny of recent billfishes (Xiphoidei). *Bull Mar Sci.* 79(3):455-468. [NS]
- [COLLINS AG](#), Bentlage B, Matsumoto GI, Haddock SHD, Osborn KJ, Schierwater B. 2006. Solution to the phylogenetic enigma of Tetraplatia, a worm-shaped cnidarian. *Biol Lett.* 2:120-124. [NS]
- [COLLINS AG](#), Schuchert P, Marques AC, Jankowski T, Medina M, Schierwater B. 2006. Medusozoan phylogeny and character evolution clarified by new large and small subunit rDNA data and an assessment of the utility of phylogenetic mixture models. *Syst Biol.* 55(1):97-115. [NS]
- Davidson E, [SEITZINGER SP](#). 2006. The enigma of progress in denitrification research. *Ecol Appl.* 16(6):2057-2063. [RG]
- Davies CE, Kovacs KM, Lydersen C, [VAN PARIJS SM](#). 2006. Development of display behavior in young captive bearded seals. *Mar Mamm Sci.* 22(4):952-965. [WH]
- de Astarola JMD, [MUNROE TA](#), Desoutter M. 2006. Redescription and holotype clarification of *Paralichthys orbignyanus* (Valenciennes, 1839) (Pleuronectiformes: Paralichthyidae). *Copeia.* 2006(2):235-243. [NS]
- Doucette GJ, Cembella AD, Martin JL, Michaud J, [COLE TVN](#), Rolland RM. 2006. Paralytic shellfish poisoning (PSP) toxins in North Atlantic right whales *Eubalaena glacialis* and their zooplankton prey in the Bay of Fundy, Canada. *Mar Ecol Prog Ser.* 306:303-313. [WH]
- Dowd W, [BRILL RW](#), Bushnell P, Musick J. 2006. Estimating consumption rates of juvenile sandbar sharks (*Carcharhinus plumbeus*) in Chesapeake Bay, Virginia, using a bioenergetics model. *Fish Bull.* 104:332-342. [VA]
- Dowd W, [BRILL RW](#), Bushnell P, Musick J. 2006. Standard and routine metabolic rates of juvenile sandbar sharks (*Carcharhinus plumbeus* Nardo), including the effects of body mass and acute temperature change. *Fish Bull.* 104:323-331. [VA]
- Edwards KP, [HARE JA](#), Werner FE, Blanton BO. 2006. Lagrangian circulation on the southeast US continental shelf: implications for larval dispersal and retention. *Continent Shelf Res.* 26:1375-1394. [NG]
- Estrada JA, Rice AN, [NATANSON LJ](#), Skomal GB. 2006. Use of isotopic analysis of vertebrae in reconstructing ontogenetic feeding ecology in white sharks. *Ecology.* 87(4):829-834. [NG]
- Färe R, Kirkley JE, [WALDEN JB](#). 2006. Adjusting technical efficiency to reflect discarding: the case of the U.S. Georges Bank multi-species otter trawl fishery. *Fish Res.* 78:257-265. [WH]
- Fennel K, Wilkin J, Levin J, Moisan J, [O'REILLY JE](#), Haidvogel D. 2006. Nitrogen cycling in the Middle Atlantic Bight: results from a three-dimensional model and implications for the North Atlantic nitrogen budget. *Global Biogeochem Cycles.* 20:GB002456. [NG]
- Ferguson RL, Kouse C, Patterson M, [HARE JA](#). 2006. Automated thematic registration of NOAA, CoastWatch, and AVHRR images. *Photogramm Eng Remote Sensing.* 72:677-685. [NG]



- [FRIEDLAND KD](#), Ahrenholz DW, Smith JW, Manning M, Ryan J. 2006. Sieving functional morphology of the gill raker feeding apparatus of Atlantic menhaden. *J Exp Zool Part A: Comp Exp Biol.* 305A(12):974-985. [NG]
- [FRIEDLAND KD](#), Clarke LM, Dutil J-D, Salminen M. 2006. The relationship between smolt and postsmolt growth for Atlantic salmon (*Salmo salar*) in the Gulf of St. Lawrence (Note). *Fish Bull.* 104(1):149-155. [MS]
- Glibert PM, Harrison J, Heil C, [SEITZINGER SP](#). 2006. Escalating worldwide use of urea -- a global change contributing to coastal eutrophication. *Biogeochemistry.* 77:441-463. [RG]
- Gruber DF, Simjouw JP, [SEITZINGER SP](#), Taghon GL. 2006. Dynamics and characterization of refractory dissolved organic matter produced by a pure bacterial culture in an experimental predator-prey system. *Appl Environ Microbiol.* 72(6):4184-4191. [RG]
- [HAAS-CASTRO RE](#), SHEEHAN TF, CADRIN SX, Trial JG. 2006. Scale pattern analysis discriminates Atlantic salmon by river reach rearing origin. *N Am J Fish Manage.* 26:289-300. [WH]
- Hall SJ, Collie JS, Duplisea DE, Jennings S, Bravington M, [LINK JS](#). 2006. A length-based multi-species model for evaluating community responses to fishing. *Can J Fish Aquat Sci.* 63:1344-1359. [WH]
- [HARE JA](#), Walsh HJ, Wuenschel MJ. 2006. Sinking rates of late-stage fish larvae ingressing into estuarine nursery habitats. *J Exp Mar Biol Ecol.* 330:493-504. [NG]
- [HART DR](#). 2006. Effects of sea stars and crabs on sea scallop *Placopecten magellanicus* recruitment in the Mid-Atlantic Bight (USA). *Mar Ecol Prog Ser.* 306:209-221. [WH]
- [HART DR](#), RAGO PJ. 2006. Long-term dynamics of US Atlantic sea scallop *Placopecten magellanicus* populations. *N Am J Fish Manage.* 26:490-501. [WH]
- [HART DR](#). 2006. When do marine reserves increase fishery yields?. *Can J Fish Aquat Sci.* 63:1445-1449. [WH]
- [HENDRICKSON LC](#), HART DR. 2006. An age-based cohort model for estimating the spawning mortality of semelparous cephalopods with an application to per-recruit calculations for the northern shortfin squid, *Illex illecebrosus*. *Fish Res.* 78(1):4-13. [WH]
- Ho J-S, [COLLETTE BB](#), Madinabitia I. 2006. Host specificity of *Lepeophtheirus crassus* (Wilson and Bere) (Copepoda, Caligidae) parasitic on the marlin sucker *Remora osteochir* (Cuvier) in the Atlantic Ocean. *J Parasitol.* 92(5):1113-1115. [NS]
- [JECH JM](#), MICHAELS WL. 2006. A multifrequency method to classify and evaluate fisheries acoustics data. *Can J Fish Aquat Sci.* 63:2225-2235. [WH]
- Ji R, Chen C, Franks PJS, Townsend DW, Durbin EG, Beardsley RC, [LOUGH RG](#), Houghton RW. 2006. Spring bloom and associated lower trophic level food web dynamics on Georges Bank: 1-D and 2-D model study. *Deep-Sea Res II.* 53:2656-2683. [WH]
- Ji R, Chen C, Franks PJS, Townsend DW, Durbin EG, Beardsley RC, [LOUGH RG](#), Houghton RW. 2006. The impact of Scotian Shelf water "cross-over" on the plankton dynamics on Georges Bank: a 3-D experiment for the 1999 spring bloom. *Deep-Sea Res II.* 53:2684-2707. [WH]
- King VW, [BUCKLEY LJ](#), Berlinsky DL. 2006. Effect of acclimation temperature on the acute stress response in juvenile Atlantic cod, *Gadus morhua*, and haddock, *Melanogrammus aeglefinus* L. *Aquacult Res.* 37(16):1685-1693. [RI]
- Linder CA, Gawarkiewicz GG, [TAYLOR MH](#). 2006. Climatological estimation of environmental uncertainty over the middle Atlantic bight shelf and slope. *IEEE J Ocean Eng.* 31(2):308-324. [WH]

- [LINK JS](#), Ford MD. 2006. Widespread and persistent increase in Ctenophora in the Northeast US shelf ecosystem. *Mar Ecol Prog Ser.* 320:153-159. [WH]
- [LOUGH RG](#), BROUGHTON EA, BUCKLEY LJ, Incze LS, Edwards KP, Converse R, Aretxabaleta A, Werner FE. 2006. Modeling growth of Atlantic cod larvae on the southern flank of Georges Bank in the tidal-front circulation during May 1999. *Deep-Sea Res II.* 53(23-24):2771-2788. [WH]
- [LOUGH RG](#), Hannah CG, BERRIEN P, Brickman D, Loder JW, Quinlan JA. 2006. Spawning pattern variability and its effect on retention, larval growth and recruitment in Georges Bank cod and haddock. *Mar Ecol Prog Ser.* 310:193-212. [WH]
- Lutz RA, [COLLINS AG](#), Annis ER, Reed AJ, Bennett KF, Halanych KM, Vrijenhoek RC. 2006. Stauromedusan populations inhabiting deep-sea hydrothermal vents along the southern East Pacific Rise. *Cah Biol Mar.* 47:409-413. [NS]
- [MacKENZIE CL Jr](#). 2006. Mississippi oysters after Katrina. *Underwater Nat.* 27(3):15-18. [SH]
- [MacKENZIE CL Jr](#), PIKANOWSKI R, McMILLAN D. 2006. Ampelisca amphipod tube mats may enhance abundance of northern quahogs *Mercenaria mercenaria* in muddy sediments. *J Shellfish Res.* 25(3):841-847. [SH]
- MacLeod C, Perrin WF, Pitman R, Barlow J, Ballance L, D'Amico A, Gerrodette T, Joyce G, Mullin KD, [PALKA DL](#), WARING GT. 2006. Known and inferred distributions of beaked whale species (Cetacea: Ziphiidae). *J Cetacean Res Manage.* 7(3):271–286. [WH]
- [MANDERSON JP](#), PESSUTTI J, Shaheen P, Juanes F. 2006. Dynamics of early juvenile winter flounder predation risk on a North West Atlantic estuarine nursery ground. *Mar Ecol Prog Ser.* 328:249-265. [SH]
- [MANNING JP](#), Churchill JH. 2006. Estimates of dispersion from clustered-drifter deployments on the southern flank of Georges Bank. *Deep-Sea Res II.* 53:2501-2519. [WH]
- Medina M, [COLLINS AG](#), Takaoka TL, Kuehl JV, Boore JL. 2006. Naked corals: skeleton loss in Scleractinia. *Proc Nat Acad Sci.* 103: 9096-9100. [NS]
- Melrose DC, Oviatt CA, [O'REILLY JE](#), BERMAN MS. 2006. Comparisons of fast repetition rate fluorescence estimated primary production and <sup>14</sup>C uptake by phytoplankton. *Mar Ecol Prog Ser.* 311:37-46. [NS]
- [MERCALDO-ALLEN R](#), KUROPAT C, CALDARONE EM. 2006. A model to estimate growth in young-of-the-year tautog, *Tautoga onitis*, based on RNA/DNA ratio and seawater temperature. *J Exp Mar Biol Ecol.* 329(2):187-195. [MF]
- [METHRATTA ET](#), [LINK JS](#). 2006. Associations between surficial sediments and groundfish distributions in the Gulf of maine-Georges Bank Region. *N Am J Fish Manage.* 26:473-489. [WH]
- [METHRATTA ET](#), [LINK JS](#). 2006. Evaluation of quantitative indicators for marine fish communities. *Ecol Indicators.* 6:575-588. [WH]
- [METHRATTA ET](#), [LINK JS](#). 2006. Seasonal variation in groundfish habitat associations in the Gulf of Maine - Georges Bank region. *Mar Ecol Prog Ser.* 326:245-256. [WH]
- Moyes CD, Fragoso N, Musyl MK, [BRILL RW](#). 2006. Predicting postrelease survival in large pelagic fish. *Trans Am Fish Soc.* 135:1389-1397. [VA]
- Mueter FJ, Ladd C, [PALMER MC](#), Norcross BL. 2006. Bottom-up and top-down controls of walleye pollock (*Theragra chalcogramma*) on the Eastern Bering Sea shelf. *Prog Oceanogr.* 68:152-183. [WH]
- [MUNROE TA](#). 2006. New western Indian Ocean tonguefish (Pleuronectiformes: Cynoglossidae, *Symphurus*). *Copeia.* 2006(2):230-234. [NS]

- [NATANSON LJ](#), KOHLER KE, Ardizzone D, Wintner S, Mollet HF. 2006. Validated age and growth estimates for the shortfin mako, *Isurus oxyrinchus*, in the North Atlantic Ocean. *Environ Biol Fishes*. 77:367-383. [NG]
- [OLSON J](#). 2006. Changing property, spatializing difference: the sea scallop fishery in New Bedford, Massachusetts. *Hum Organiz*. 65 (Spec Iss 3):307-318. [WH]
- Orrell TM, [COLLETTE BB](#), Johnson GD. 2006. Molecular data support separate Scombroid and Xiphioid clades. *Bull Mar Sci*. 79(3):505-519. [NS]
- [OVERHOLTZ WJ](#). 2006. Estimates of consumption of Atlantic herring (*Clupea harengus*) by bluefin tuna (*Thunnus thynnus*) during 1970-2002: an approach incorporating uncertainty. *J Northwest Atl Fish Sci*. 36:55-63. [WH]
- [OVERHOLTZ WJ](#), JECH JM, MICHAELS WL, JACOBSON LD. 2006. Empirical comparisons of survey designs in acoustic surveys of Gulf of Maine - Georges Bank Atlantic herring. *J Northwest Atl Fish Sci*. 36:127-144. [WH]
- Palmquist R, [FULCHER C](#). 2006. The economic valuation of shoreline: 30 years later. In: Halvor R, Layton DF, editors *Explorations in Environmental and Natural Resource Economics: Essays in Honor of Gardner M Brown, Jr* Cheltenham (UK): Edward Elgar Publishing Ltd; p. 208-223. [WH]
- Peck MA, [BUCKLEY LJ](#), Bengtson DA. 2006. Effects of temperature and body size on the swimming speed of larval and juvenile Atlantic cod: implications for individual-based modeling. *Environ Biol Fishes*. 75:419-429. [RI]
- Persson A, [SMITH BC](#), WIKFORS GH, Quilliam M. 2006. Grazing on toxic *Alexandrium fundyense* resting cysts and vegetative cells by the eastern oyster (*Crassostrea virginica*). *Harmful Algae*. 5:678-684. [MF]
- [PINTO DA SILVA P](#), KITTS A. 2006. Collaborative fisheries management in the Northeast US: emerging initiatives and future directions. *Mar Pol*. 30:832-841. [WH]
- Powles PM, [HARE JA](#), Laban EH, Warlen SM. 2006. Does eel metamorphosis cause a breakdown in the tenets of otolith applications? A case study using the speckled worm eel (*Myrophis punctatus*, Ophichthidae). *Can J Fish Aquat Sci*. 63:1460-1468. [NG]
- Reddin DG, [FRIEDLAND KD](#), Downton P. 2006. Early marine use of thermal habitat by Atlantic salmon smolts (*Salmo salar* L.). *Fish Bull*. 104:415-428. [NG]
- [RICHARDS RA](#), HENDRICKSON LC. 2006. Effectiveness of the Nordmore grate in the Gulf of Maine Northern shrimp fishery. *Fish Res*. 81:100-106. [WH]
- Roy NK, Courtenay SC, [CHAMBERS RC](#), Wirgin II. 2006. Characterization of the aryl hydrocarbon receptor repressor and a comparison of its expression in Atlantic tomcod from resistant and sensitive populations. *Environ Toxicol Chem*. 25(2):560-571. [SH]
- Scharf FS, [MANDERSON JP](#), FABRIZIO MC. 2006. The effects of seafloor habitat complexity on survival of juvenile fishes: species-specific interactions with structural refuge. *J Exp Mar Biol Ecol*. 335(2):167. [SH]
- [SEITZINGER SP](#), Harrison JA, Böhlke JK, Bouwman AF, Lowrance R, Peterson B, Tobias C, Van Drecht G. 2006. Denitrification across landscapes and waterscapes: a synthesis. *Ecol Appl*. 16(6):2064-2090. [RG]
- [SHEPHERD GR](#), MOSER J, Deuel D, Carlsen P. 2006. The migration patterns of bluefish (*Pomatomus saltatrix*) along the Atlantic coast determined from tag recoveries. *Fish Bull*. 104(4):559-570. [WH]

- [SHERMAN K](#). 2006. Forecasting within the context of large marine ecosystems programs. In: Shannon V, Hempel G, Moloney C, Woods J, Malanotte-Rizzoli P, eds Benguela: Predicting a Large Marine Ecosystem Elsevier Large Marine Ecosystem Series; p 11-34. [NG]
- [SHERMAN K](#). 2006. The large marine ecosystem network approach to WSSD targets. *Ocean Coastal Manage.* 49:640-648. [NG]
- [SHERMAN K](#), Series Editor; Shannon V, Hempel G, Moloney C, Woods J, Malanotte-Rizzoli P, Editors. 2006. Benguela: Predicting a Large Marine Ecosystem. Large Marine Ecosystems Series. Amsterdam (NL): Elsevier; 410 p + CD. [NG]
- Sibert JR, Lutcavage ME, Nielsen A, [BRILL RW](#), Wilson SG. 2006. Inter-annual variation in large-scale movement of Atlantic bluefin tuna (*Thunnus thynnus*) determined from pop-up satellite archival tags. *Can J Fish Aquat Sci.* 63:2154-2166. [VA]
- [STEIN DL](#). 2006. New and rare species of snailfishes (Scorpaeniformes: Liparidae) collected during the ICEFISH cruise of 2004. *Polar Biol.* 29(8):705-712. [NS]
- [STRAUB PE](#), Hingham ML, Phoel WC, DESHPANDE AD. 2006. Progress towards a *Pseudopleuronectes americanus* liver microarray. *Bull MDI Biol Lab.* 45:133-136. [SH]
- Sullivan MC, Able KW, [HARE JA](#), Walsh HJ. 2006. *Anguilla rostrata* glass eel ingress into two, U.S. east coast estuaries: patterns, processes and implications for adult abundance. *J Fish Biol.* 69:1081-1101. [NG]
- Sweka JA, [LEGAULT CM](#), Beland KF, Trial J, Millard MJ. 2006. Evaluation of removal sampling for basinwide assessment of Atlantic salmon. *N Am J Fish Manage.* 26:995-1002. [WH]
- Swimmer Y, Arauz R, Musyl M, Ballesterio J, Mailloux L, Nielson A, [BRILL RW](#). 2006. Survivorship and dive behavior of olive ridley (*Lepidochelys olivacea*) sea turtles after their release from longline fishing gear off Costa Rica. *Mar Ecol Prog Ser.* 323:253-261. [VA]
- Thorrold S, Jones GP, Planes SR, [HARE JA](#). 2006. Trans-generational labeling of embryonic otoliths in marine fish via maternal transmission of enriched stable isotopes. *Can J Fish Aquat Sci.* 63:1193-1197. [NG]
- Ukwe CN, Ibeb CA, [SHERMAN K](#). 2006. A sixteen-country mobilization for sustainable fisheries in the Guinea Current Large Marine Ecosystem. *Ocean Coastal Manage.* 49:385-412. [NG]
- van der Straten KM, [COLLETTE BB](#), Leung LK, Johnston SD. 2006. Sperm morphology of black marlin (*Makaira indica*) differs from scombroid sperm. *Bull Mar Sci.* 79(3):839-845. [NS]
- Van Iten H, de Moraes Leme J, Guimaraes Simoes M, Marques AC, [COLLINS AG](#). 2006. Reassessment of the phylogenetic position of conulariids (?Ediacaran-Triassic) within the subphylum Medusozoa (phylum Cnidaria). *J Systemat Palaeont.* 4(2):109-118. [NS]
- [VAN PARIJS SM](#), Clark CW. 2006. Long term mating tactics in an aquatic mating pinniped -- the bearded seal, *Erignathus barbatus*. *Anim Behav.* 73(6):1269-1277. [WH]
- [VECCHIONE M](#), Young RE. 2006. The squid family Magnapinnidae (Mollusca : Cephalopoda) in the Atlantic Ocean, with a description of a new species. *Proc Biol Soc Wash.* 119(3):365-372. [NS]
- [WALDEN JB](#). 2006. Estimating vessel efficiency using a bootstrapped data envelopment analysis model. *Mar Resour Econ.* 21(2):pnk. [WH]
- Walsh HJ, Marancik KE, [HARE JA](#). 2006. Juvenile fish assemblages collected on unconsolidated sediments of the southeast United States continental shelf. *Fish Bull.* 104:256-277. [NG]
- [WARING GT](#), Gilbert JR, Loftin J, CABANA N. 2006. Short-term movements of radio-tagged harbor seals in New England. *Northeast Nat.* 13(1):1-14. [WH]
- Weunschel MJ, Jugovich AR, [HARE JA](#). 2006. Estimating the energy density of fish: the importance of ontogeny. *Trans Am Fish Soc.* 135:379-385. [NG]

- Whitfield PE, [HARE JA](#), David AW, Harter SL, Muñoz, Addison CM. 2006. Abundance estimates of the Indo-Pacific lionfish *Pterois volitans/miles* complex in the Western North Atlantic. *Biol Invasions*. DOI 10.1007/s10530-006-9004-9. [NG]
- Wiebe PH, Beardsley RC, [MOUNTAIN DG](#), LOUGH RG, guest editors. 2006. Dynamics of Plankton and Larval Fish Populations on Georges Bank, the North Atlantic U.S. GLOBEC Study Site. *Deep-Sea Res II*. 53(23-24):2455-2832. [WH]
- Wiebe PH, Beardsley RC, [MOUNTAIN DG](#), LOUGH RG. 2006. Introduction: Dynamics of plankton and larval fish populations on Georges Bank, the North Atlantic US GLOBEC study site [introduction]. *Deep-Sea Res II*. 53(23-24):2455-2456. [WH]
- Wiegner TN, [SEITZINGER SP](#), Glibert PM, Bronk DA. 2006. Bioavailability of dissolved organic nitrogen and carbon from nine rivers in the eastern United States. *Aquat Microb Ecol*. 43:277-287. [RG]
- Wirgin II, [CHAMBERS RC](#). 2006. Atlantic tomcod *Microgadus tomcod*: a model of responses of Hudson River fish to toxicants. *Am Fish Soc Symp*. 51:331-365. [SH]
- Wollheim WM, Vörösmarty CJ, Peterson BJ, [SEITZINGER SP](#), Hopkinson CS. 2006. Relationship between river size and nutrient level. *Geophys Res Lett*. 33:L06410. [RG]
- Young RE, [VECCHIONE M](#), Piatkowski U, Roper CFE. 2006. A redescription of *Planctoteuthis levimana* (Lonnberg, 1896) (Mollusca : Cephalopoda), with a brief review of the genus. *Proc Biol Soc Wash*. 119(4):586-591. [NS]
- Young RE, [VECCHIONE M](#), Piatkowski U. 2006. *Promachoteuthis sloani*, a new species of the squid family Promachoteuthidae (Mollusca : Cephalopoda). *Proc Biol Soc Wash*. 119(2):287-292. [NS]
- Yuan Z, Courtenay SC, [CHAMBERS RC](#), Wirgin II. 2006. Evidence of spatially extensive resistance to PCBs in an anadromous fish of the Hudson River. *Environ Health Perspect*. 114(1):77-84. [SH]

## Reports

- [BELDEN D](#), ORPHANIDES C, ROSSMAN M, PALKA D. 2006. [Estimates of cetacean and seal bycatch in the 2004 Northeast sink gillnet and Mid-Atlantic coastal gillnet fisheries](#). NEFSC Ref Doc 06-13; 24 p. [WH]
- BERRIEN PL [retired], SIBUNKA JD [retired]. 2006. [A laboratory guide to the identification of marine fish eggs collected on the northeast coast of the United States, 1977-1994](#). NEFSC Ref Doc 06-21; 162 p. [SH c/o [T Noji](#)]
- BRODZIAK JKT, [TRAVER M](#), COL L, SUTHERLAND S. 2006. [Stock assessment of Georges Bank haddock, 1931-2004](#). NEFSC Ref Doc 06-11; 114 p. [WH]
- [CADRIN SX](#), MOSER J. 2006. Partitioning on-bottom and off-bottom behavior: a case study with yellowtail flounder off New England. *ICES Counc Min* 2006/Q:14; 26 p. [WH]
- [COLE TVN](#), Hartley DL, Garron M. 2006. [Mortality and serious injury determinations for baleen whale stocks along the eastern seaboard of the United States, 2000-2004](#). NEFSC Ref Doc 06-04; 18 p. [WH]
- CROSSEN JM, GALTSOFF PS, GIBSON JA (ed.). 2006. [Protection against electric shock in laboratory sea-water systems](#). NEFSC Ref Doc 06-26; 20 p. [WH c/o [L Garner](#)]
- ECOSYSTEMS SURVEY BRANCH. 2006. [Resource Survey Report: 2005 fall bottom trawl survey](#). Informal report available from Ecosystems Survey Branch; 36 p. [WH c/o [L Despres](#)]

- ECOSYSTEMS SURVEY BRANCH. 2006. [Resource Survey Report: 2006 fall bottom trawl survey](#). Informal report available from Ecosystems Survey Branch; 36 p. [WH c/o [L Despres](#)]
- ECOSYSTEMS SURVEY BRANCH. 2006. [Resource Survey Report: 2006 sea scallop survey](#). Informal report available from Ecosystems Survey Branch; 23 p. [WH c/o [L Despres](#)]
- ECOSYSTEMS SURVEY BRANCH. 2006. [Resource Survey Report: 2006 spring bottom trawl survey](#). Informal report available from Ecosystems Survey Branch; 36 p. [WH c/o [L Despres](#)]
- ECOSYSTEMS SURVEY BRANCH. 2006. [Resource Survey Report: 2006 winter bottom trawl survey](#). Informal report available from Ecosystems Survey Branch; 23 p. [WH c/o [L Despres](#)]
- [FRIEDLAND KD](#), Miller MJ, Knights B. 2006. Ocean-climate change, regime shifts and possible impacts on the recruitment of the European eel, *Anguilla anguilla*. ICES Councl Min 2006/C:18; 32 p. [NG]
- [FRIEDLAND KD](#), O'REILLY JE, HARE JA, WOOD G, OVERHOLTZ WJ, Cieri MD. 2006. [Environmental preferences of herring under changing harvest regimes](#). NEFSC Ref Doc 06-18; 34 p. [NG]
- [GARNER L](#), GUNNARD J. 2006. [Northeast Fisheries Science Center publications, reports, and abstracts for calendar year 2005](#). NEFSC Ref Doc 06-16; 26 p. [WH]
- Gavaris S, [GABRIEL WL](#), [NOJI TT](#). 2006. [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](#). NEFSC Ref Doc 06-06; 11 p. [WH]
- Gavaris S, [MAYO R](#), [BRODZIAK J](#), Hunt J, [LEGAULT C](#), O'BRIEN L, Stone H, Van Eeckhaute L. 2006. [Length composition comparisons of USA and Canadian fishery catches for Atlantic cod, haddock and yellowtail flounder](#). TRAC Ref Doc 2006/02; 15 p. [WH]
- Gavaris S, [MAYO R](#), O'BRIEN L. 2006. [Update of allocation shares for Canada and the USA of the transboundary resources of Atlantic cod, haddock, and yellowtail flounder on Georges Bank through fishing year 2007](#). TRAC Ref Doc 2006/03; 24 p. [WH]
- Gavaris S, [O'BRIEN L](#), Hatt B, Clark K. 2006. [Assessment of eastern Georges Bank cod](#). TRAC Ref Doc 2006/05; 53 p. [WH]
- [GOLDBERG R](#). 2006. Datasheet on aquaculture of the surfclam, *Spisula solidissima*. In: Aquaculture Compendium [CD-ROM and Internet]. Wallingford (UK): CAB International. Available at: [www.cabicompendium.org/ac](http://www.cabicompendium.org/ac). Interactive database. [NG]
- [HART DR](#). 2006. [Sea scallop stock assessment update for 2005](#). NEFSC Ref Doc 06-20; 14 p. [WH]
- [HENDRICKSON LC](#). 2006. [Distribution of northern shortfin squid \(\*Illex illecebrosus\*\) in Subarea 3 based on multi-species bottom trawl surveys conducted during 1995-2005](#). NAFO Sci Councl Res Doc 06/45; 5 p. [WH]
- [HENDRICKSON LC](#), Showell MA. 2006. [Assessment of northern shortfin squid \(\*Illex illecebrosus\*\) in Subareas 3+4 for 2005](#). NAFO Sci Councl Res Doc 06/46; 16 p. [WH]
- Hofmann EE, McClain CR, Haidvogel DB, Lee C, Manino A, [O'REILLY JE](#), Najjar RI, Wilkin J, Yoder J. 2006. Eastern U.S. continental shelf carbon budget: modeling, data assimilation, and analysis. Annual Report to NASA [Contr No NNG04GL68G]; Washington, DC; 20 p. [NG]
- [JACOBSON L](#), SUTHERLAND S, BURNETT J, Davidson M, Harding J, Normant J, Picariello A, Powell E. 2006. [Report from the Atlantic Surfclam \(\*Spisula solidissima\*\) Aging Workshop, Northeast Fisheries Science Center, 7-9 November 2005](#). NEFSC Ref Doc 06-12; 24 p. [WH]
- [KEITH CM](#). 2006. The prevalence of axial skeletal deformities in American plaice collected at a site located near the Massachusetts Bay treated sewage effluent outfall. [abstract]. Presented at: Geographic Information Systems and Ocean Mapping in Support of Fisheries Research and

- Management [MIT Sea Grant and NOAA/NMFS/NEFSC]; 2006 Apr 11; Cambridge, MA; p. 121-123. [WH]
- [LEGAULT CM](#), Stone HH, Clark KJ. 2006. [Stock assessment of Georges Bank yellowtail flounder for 2006](#). TRAC Ref Doc 2006/01; 66 p. [WH]
- [LINK JS](#). 2006. Northeastern United States. In: Kruse GH, Livingston P, Overland JE, Jamieson GS, McKinnell S, Perry RI, editors. Report of the PICES/NPRB Workshop on Integration of Ecological Indicators of the North Pacific with Emphasis on the Bering Sea. PICES Sci Rep No. 33; p. 65. [WH]
- [LINK JS](#), ALMEIDA F, REID R, 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. 2006. What we have learned from large scale closed areas: the Northeast U.S. example. In: IMPAC1 2005. The First International Marine Protected Areas Congress Conference Proceedings; 2005 Oct 23-27; Geelong, Australia; p. 442-444. [WH]
- [LINK JS](#), GRISWOLD CA, METHRATTA ET, GUNNARD J, Editors. 2006. [Documentation for the Energy Modeling and Analysis eXercise \(EMAX\)](#). NEFSC Ref Doc 06-15; 166 p. [WH]
- [MacKENZIE CL Jr](#), Buesa RJ. 2006. [Vida de los pescadores costeros del Pacifico 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\]](#). NEFSC Ref Doc 06-07; 31 p. [SH]
- [MacLEAN SA](#). 2006. Salmonid pathogens in northwestern Atlantic fishes. US Atlantic Salmon Assessment Committee Working Paper 2006-001; 7 p. [NG]
- MAHONEY JB [retired]. 2006. [Bloom history of picoplankter Aureococcus anophagefferens in the New Jersey Barnegat Bay-Little Egg Harbor system and adjacent waters, 1995-1999](#). NEFSC Ref Doc 06-08; 54 p. [WH c/o [L Garner](#)]
- [MANNING JP](#). 2006. Environmental monitors on lobster traps, Phase I: Temperature. Final report to the Northeast Consortium. Award #00-540; 35 p. [WH]
- [MANNING JP](#). 2006. Environmental monitors on lobster traps, Phase IV: Drifters. Final report to the Northeast Consortium. Award #04-817; 39 p. [WH]
- [MAYO RK](#), COL LA. 2006. [The 2005 assessment of the Gulf of Maine Atlantic cod stock](#). NEFSC Ref Doc 06-02; 109 p. [WH]
- [MERCALDO-ALLEN R](#) (chair), CALABRESE A [retired], Danila DJ, DIXON MS, JEARLD A, MUNROE TA, Pacileo DJ, Powell C, SUTHERLAND SJ, Steering Committee. 2006. [Tenth Flatfish Biology Conference, November 29-30, 2006, Water's Edge Resort, Westbrook, Connecticut](#). NEFSC Ref Doc 06-23; 43 p. [NG]
- [MURRAY KT](#). 2006. [Estimated average annual bycatch of loggerhead sea turtles \(Caretta caretta\) in U.S. Mid-Atlantic bottom otter trawl gear, 1996-2004](#). NEFSC Ref Doc 06-19; 26 p. [WH]
- [NOJI TT](#), Pederson J, Adams C. 2006. Geographic Information Systems and ocean mapping in support of fisheries management. Cambridge (MA): MIT Sea Grant; MITSG 06-08; 9 p. [SH]
- NORTHEAST FISHERIES SCIENCE CENTER. 2006. [42nd Northeast Regional Stock Assessment Workshop \(42nd SAW\) assessment summary report](#). NEFSC Ref Doc 06-01; 61 p. [WH c/o [J Weinberg](#)]

- NORTHEAST FISHERIES SCIENCE CENTER. 2006. [42nd Northeast Regional Stock Assessment Workshop \(42nd SAW\) stock assessment report, Part A: silver hake, Atlantic mackerel, and northern shortfin squid](#). NEFSC Ref Doc 06-09a; 284 p. [WH c/o [J Weinberg](#)]
- NORTHEAST FISHERIES SCIENCE CENTER. 2006. [42nd Northeast Regional Stock Assessment Workshop \(42nd SAW\) stock assessment report, Part B: Expanded Multispecies Virtual Population Analysis \(MSVPA-X\) Stock Assessment Model](#). NEFSC Ref Doc 06-09b; 308 p. [WH c/o [J Weinberg](#)]
- NORTHEAST FISHERIES SCIENCE CENTER. 2006. [43rd Northeast Regional Stock Assessment Workshop \(43rd SAW\) assessment summary report](#). NEFSC Ref Doc 06-14; 47 p. [WH c/o [J Weinberg](#)]
- NORTHEAST FISHERIES SCIENCE CENTER. 2006. [43rd Northeast Regional Stock Assessment Workshop \(43rd SAW\) stock assessment report](#). NEFSC Ref Doc 06-25; 400 p. [WH c/o [J Weinberg](#)]
- O'Boyle R, [OVERHOLTZ W](#). 2006. [Proceedings of the Transboundary Resources Assessment Committee \(TRAC\) Benchmark Review of Stock Assessment Models for Gulf of Maine and Georges Bank Herring, 2 - 5 May 2006, Woods Hole, Massachusetts](#). TRAC Proceedings 2006/01; 35 p. [WH]
- [O'BRIEN L](#), [MUNROE NJ](#), [COL L](#). 2006. [Assessment of the Georges Bank Atlantic cod stock for 2005](#). NEFSC Ref Doc 06-10; 148 p. [WH]
- [ORPHANIDES CD](#), [BISACK KD](#). 2006. [Analysis of Virginia fisheries effort as a component in the development of a fisheries sampling plan to investigate the causes of sea turtle strandings](#). NEFSC Ref Doc 06-24; 49 p. [WH]
- [PALKA DL](#). 2006. [Summer abundance estimates of cetaceans in US North Atlantic Navy operating areas](#). NEFSC Ref Doc 06-03; 41 p. [WH]
- [PINTO da SILVA P](#). 2006. Fishermen at the frontline of marine conservation. Common Property Resource Digest 76:7-8. [WH]
- Recksiek CW, Fischer G, Rossby HT, [CADRIN SX](#), Kasturi P. 2006. Development and application of 'RAFOS' tags for studying fish movement. ICES Counc Min 2006/Q:16; 12 p. [NB]
- [SERCHUK FM](#). 2006. USA tagging activities reported for the Northwest Atlantic in 2005 and early 2006. In: Auby DCA. Tagging Activities Reported for the Northwest Atlantic in 2005 and Early 2006. NAFO Sci Counc Summ Doc 06/5; 7 p. [WH]
- [SHEEHAN TF](#). 2006. West Greenland Sampling Program. [brochure]. Available from: NASCO, 11 Rutland Square, Edinburgh EH12AS UK. [WH]
- [SHEPHERD GR](#), [PACKER DB](#). 2006. [Essential fish habitat source document: bluefish, Pomatomus saltatrix, life history and habitat characteristics. 2nd edition](#). NOAA Tech Mem NMFS NE 198; 89 p. [SH]
- [SHERMAN K](#). 2006. A bay window history of the monitoring and assessment of changing fisheries yields, ecology and water quality in Narragansett Bay. 41° North [publication of Rhode Island Sea Grant and University of Rhode Island Coastal Institute]3(1):2. [NG]
- SIBUNKA JD [retired], [JOHNSON DL](#), [BERRIEN PL](#) [retired]. 2006. [Distribution and abundance of fish eggs collected during the GLOBEC broad-scale Georges Bank surveys, 1995-1999](#). NOAA Tech Mem NMFS NE 199; 72 p. [SH]
- [SOSEBEE KA](#). 2006. [United States research report for 2005](#). NAFO Sci Counc Summ Doc 06/10; 22 p. [WH]



- [SOSEBEE KA](#), CADRIN SX. 2006. [A historical perspective on the abundance and biomass of Northeast complex stocks from NMFS and Massachusetts inshore bottom trawl surveys, 1963-2002](#). NEFSC Ref Doc 06-05; 200 p. [WH]
- [STEINBACK S](#), THUNBERG E. 2006. [Northeast regional commercial fishing input-output model](#). NOAA Tech Mem NMFS NE 188; 64 p. [WH]
- Stevenson D, Chiarella L, Stephan D, [REID R](#), Wilhelm K, McCARTHY J, Pentony M. 2004\*. [Characterization of fishing practices and the marine ecosystem in the Northeast U.S. and an evaluation of the potential effects of fishing on essential fish habitat](#). NOAA Tech. Mem NMFS NE 181; 179 p. [SH]
- [SUTHERLAND SJ](#), MUNROE NJ, SILVA V, PREGRACKE SE, BURNETT JM. 2006. [Accuracy and precision exercises associated with 2005 TRAC production aging](#). NEFSC Ref Doc 06-27; 17 p. [WH]
- [SUTHERLAND SJ](#), SHEPHERD NL, PREGRACKE SE. 2006. [Precision exercises associated with SARC 42 production aging](#). NEFSC Ref Doc 06-28; 6 p. [WH]
- [TERCEIRO M](#). 2006. [Stock assessment of summer flounder for 2006](#). NEFSC Ref Doc 06-17; 119 p. [WH]
- [TERCEIRO M](#). 2006. [Summer flounder assessment and biological reference point update for 2006](#). Informal report available at: <http://www.nefsc.noaa.gov/nefsc/saw/>. 64 p. [WH]
- [THUNBERG E](#), FULCHER C, Brodziak J. 2006. Harvest strategies for a transboundary resource: Georges Bank haddock. Available from: <http://oregonstate.edu/dept/iifet/>. In: Shriver AL, compiler. Proceedings of the Thirteenth Biennial Conference of the International Institute of Fisheries Economics & Trade, July 11-14, 2006, Portsmouth, UK: Rebuilding Fisheries in an Uncertain Environment [CD-ROM]. Corvallis (OR): IIFET. [WH]
- TRANSBOUNDARY RESOURCE ASSESSMENT COMMITTEE. 2006. [Gulf of Maine-Georges Bank herring stock complex](#). TRAC Status Rep 2006/01; 6 p. [WH c/o [L O'Brien](#)]
- [WARING GT](#), JOSEPHSON E, Fairfield CP, Maze-Foley K, Editors; BELDEN D, COLE TVN, Garrison LP, Mullin K, ORPHANIDES C, PACE RM, PALKA DL, ROSSMAN MC, WENZEL F, Contributors. 2006. [U.S. Atlantic and Gulf of Mexico marine mammal stock assessments - 2005](#). NOAA Tech Mem NMFS NE 194; 352 p. [WH]
- [WIGLEY SE](#), RAGO PJ, SOSEBEE K, PALKA DL. 2006. [The analytic component to the Standardized Bycatch Reporting Methodologies Omnibus Amendment: sampling design and estimation of precision and accuracy](#). NEFSC Ref Doc 06-22; 135 p. [WH]

## Abstracts

- Abbott-Jamieson S, [CLAY PM](#). 2006. Comparative analysis in federal fisheries management: synchronic community assessments and diachronic predictions [abstract]. Presented at: Annual Meeting of the Society for Anthropological Sciences; 2006 Feb 22-26; Savannah, GA. [WH]
- [ALADE LA](#), CADRIN SX, Miller TJ, May EB. 2006. Performance of a movement-mortality model on simulated yellowtail flounder data [poster]. Presented at: American Fisheries Society 136th Annual Meeting; 2006 Sep 10-14; Lake Placid, NY; Abstr No 484. [WH]
- [ALIX JH](#), MESECK SL, Saliou S, Ward JE, WIKFORS GH. 2006. Protocol validation for the use of the fluorescent enzyme probe ELF97 to assess phosphate nutrients status of individual phytoplankton cells [abstract]. Presented at: 26th Milford Aquaculture Seminar; 2006 Feb 27 - Mar 1; Milford, CT. J Shellfish Res. 25(2):657. [MF]

- Allen RB, [STEINBACK S](#), Kite-Powell H. 2006. A by-catch cascade: how managing the lobster trap fishery for inefficiency increases the risk of entanglement of whales and other marine life [abstract]. Presented at: ICES 2006: Fishing Technology in the 21st Century. Integrating Fishing and Ecosystem Conservation; 2006 Oct 30 - Nov 3; Boston, MA. [WH]
- Altieri KE, Carlton AG, Turpin BJ, [SEITZINGER SP](#). 2006. Making macromolecules in clouds [abstract]. Presented at: 2006 Ocean Science Meeting; 2006 20-24 Feb; Honolulu, HI. EOS Trans Am Geophys Union 87(36), Ocean Sci Meet Suppl Abstr No OS53F-06. [RG]
- Baumgartner M, [VAN PARIJS S](#), WENZEL F, Warde A. 2006. Linking right whale acoustic behavior with environmental factors in the Great South Channel [abstract]. Presented at: North Atlantic Right Whale Consortium; 2006 Nov 8-9; New Bedford MA. [WH]
- [BERMAN MS](#), SHERMAN K, Melrose C. 2006. Measuring the productivity of large marine ecosystems, an introduction [abstract]. Presented at: 2006 Ocean Science Meeting; 2006 20-24 Feb; Honolulu, HI. EOS Trans Am Geophys Union 87(36), Ocean Sci Meet Suppl Abstr No OS16B-01. [NG]
- [BISACK KD](#), Chapman D, Bishop R. 2006. A survey to measure willingness-to-pay for right whale protection [abstract]. Presented at: North Atlantic Right Whale Consortium; 2006 Nov 8-9; New Bedford MA. [WH]
- Blinkoff K, Kaufman L, Brown R, [LINK JS](#). 2006. The effects of fishing exclusion on the groundfish community in the western Gulf of Maine [abstract]. Presented at: Northwest Atlantic Fisheries Organization [NAFO] Science Symposium: Environmental and Ecosystem Histories in the Northwest Atlantic - What Influences Living Marine Resources?; 2006 Sep 13-15; Dartmouth, NS; p. 21. [WH]
- [BRILL RW](#), Bartol SM, Swimmer Y. 2006. Overview of projects investigating sea turtle and pelagic fish sensory physiology and behavior, with the aim of developing techniques that reduce or eliminate sea turtle - longline interactions [abstract]. Presented at: 26th Sea Turtle Symposium; 2006 Apr 3-8; Crete, Greece. [VA]
- BRODZIAK JKT, Correia S. 2006. Classic examples of recovering stocks: achieving success by learning from the past in New England fisheries [abstract]. Presented at: American Fisheries Society 136th Annual Meeting; 2006 Sep 10-14; Lake Placid, NY; Abstr No 808. [WH c/o [P Rago](#)]
- BRODZIAK JKT, [LINK JS](#). 2006. The incredible shrinking Georges Bank haddock (*Melanogrammus aeglefinus*) [abstract]. Presented at: 24th Wakefield Symposium. Resiliency of Gadid Stocks to Fishing and Climate Change: 2006 Oct 31 - Nov 3; Anchorage, AK. [WH]
- Brooks H, [MUNROE TA](#), Lowery WA. 2006. Ecological factors influencing abundance and distribution of *Etropus microstomus* in Lower Chesapeake Bay and tributaries [abstract]. Presented at: Tenth Flatfish Biology Conference, November 29-30, 2006, Water's Edge Resort, Westbrook, Connecticut. NEFSC Ref Doc 06-23, p. 29. [NS]
- Bushnell P, [BRILL RW](#), Schroff S, Seifert R, Galvin M, Musick J. 2006. Anaerobic exercise results in functional red blood cell swelling in sandbar sharks (*Carcharhinus plumbeus*) [abstract]. Presented at: VIIth International Congress of the Biology of Fish, 2006 Jul 18-22; St. John's, NF; p. 69. [VA]
- [CADRIN SX](#). 2006. Advanced technology for fishery science: experiences with archival tagging [abstract]. Presented at: Southern New England Chapter of the American Fisheries Society 2006 Summer Meeting; 2006 Jun 14; Fall River, MA. [WH]

- [CADRIN SX](#). 2006. Density dependent effects on estimates of biological reference points [abstract]. Presented at: American Fisheries Society 136th Annual Meeting; 2006 Sep 10-14; Lake Placid, NY; Abstr No 931. [WH]
- [CADRIN SX](#), BROWN R. 2006. Recent recruitment of yellowtail flounder in Southern New England [abstract]. Presented at: Tenth Flatfish Biology Conference, November 29-30, 2006, Water's Edge Resort, Westbrook, Connecticut. NEFSC Ref Doc 06-23, p. 30. [WH]
- [CADRIN SX](#), WESTWOOD A. 2006. Implementing a more holistic approach to cooperative research [abstract]. Presented at: ICES 2006: Fishing Technology in the 21st Century. Integrating Fishing and Ecosystem Conservation; 2006 Oct 30 - Nov 3; Boston, MA. [WH]
- Campbell J, Aurin D, Bailey S, Bontempi P, Dowell M, Frouin R, Feng H, Lyon P, McClain C, Maritorea S, Moore T, Morrison R, [O'REILLY JE](#), Sosik H, Trees C, Werdell J. 2006. The chlorophyll algorithm revisited: results of the OCBAM Workshop [abstract]. Presented at: 2006 Ocean Science Meeting; 2006 20-24 Feb; Honolulu, HI. EOS Trans Am Geophys Union 87(36), Ocean Sci Meet Suppl Abstr No OS25R-15. [NG]
- [CHAMBERS RC](#), GREEN BS. 2006. Phenotypic plasticity, covariance, and trade-offs in early life-history traits of fishes [abstract]. Presented at: American Fisheries Society 136th Annual Meeting; 2006 Sep 10-14; Lake Placid, NY; Abstr No 827. [SH]
- [CHAMBERS RC](#), GREEN BS, DAVIS DD. 2006. Parental and environmental influences on variation in winter flounder early life-stages [abstract]. Presented at: Tenth Flatfish Biology Conference, November 29-30, 2006, Water's Edge Resort, Westbrook, Connecticut. NEFSC Ref Doc 06-23, p. 24. [SH]
- [CHAMBERS RC](#), Witting DA, DAVIS DD, Wirgin II. 2006. Evidence and potential consequences of adaptation to contaminants in a key Hudson River forage fish, Atlantic tomcod [abstract]. Presented at: American Fisheries Society 136th Annual Meeting; 2006 Sep 10-14; Lake Placid, NY; Abstr No 825. [SH]
- Chambliss SS, Ozbay G, [WIKFORS GH](#), Place A. 2006. Detection and quantification of nitrate reductase in the dinoflagellate, *Prorocentrum minimum* [abstract]. Presented at: 26th Milford Aquaculture Seminar; 2006 Feb 27 - Mar 1; Milford, CT. J Shellfish Res. 25(2):659. [MF]
- Chemin J, Hégaret H, [WIKFORS GH](#), Shumway SE. 2006. Development of best management practices to mitigate the risk of transplanting harmful algae along with shellfish [abstract]. Presented at: 2006 Northeast Aquaculture Conference & Exposition/27th Milford Aquaculture Seminar; 2006 Dec 6-8; Groton, CT. [MF]
- [CHOROMANSKI J](#), STILES S, JEFFRESS D. 2006. Overwintering survival and observations of laboratory reared bay scallops 2005-2006 [abstract]. Presented at: 2006 Northeast Aquaculture Conference & Exposition/27th Milford Aquaculture Seminar; 2006 Dec 6-8; Groton, CT. [MF]
- [CHOROMANSKI J](#), STILES S, JEFFRESS D, WILLIAMS D. 2006. Comparison of growth performance of bay scallops (*Argopecten irradians*) with phenotypes of different shell colors [abstract]. Presented at: 26th Milford Aquaculture Seminar; 2006 Feb 27 - Mar 1; Milford, CT. J Shellfish Res. 25(2):659. [MF]
- Chu D, Stanton TK, [JECH JM](#), Irish J. 2006. Modeling of the backscatter by swimbladder-bearing fish [abstract]. Presented at: 4th Joint Meeting of the Acoustical Society of America and the Acoustical Society of Japan; 2006 Nov 28 - Dec 2; Honolulu, HI. J Acoust Soc Am 120:3105. [WH]
- Clarke ME, [WEINBERG J](#), Carmichael J. 2006. Scientists' perspectives on U.S. stock assessment peer review processes: STAR, SARC, and SEDAR [abstract]. Presented at: American Fisheries Society 136th Annual Meeting; 2006 Sep 10-14; Lake Placid, NY; Abstr No 1164. [WH]

- [CLAY PM](#). 2006. Small vessels in the Northeast: are they lost in the limited access shuffle? [abstract]. Presented at: Society for Applied Anthropology 66th Annual Meeting; 2006 Mar 28 - Apr 2; Vancouver, BC. [WH]
- [CLAY PM](#). 2006. Under-represented populations and the process of impact assessment [abstract]. Presented at: Society for Applied Anthropology 66th Annual Meeting; 2006 Mar 28 - Apr 2; Vancouver, BC. [WH]
- [CLAY PM](#), Abbott-Jamieson S. 2006. Comparative analysis in federal fisheries management: synchronic community assessments and diachronic predictions of change [abstract]. Presented at: Meeting of the Society for Scientific Anthropology; 2006 Nov. 15-17; San Jose, CA. [WH]
- [CLAY PM](#), OLSON J. 2006. Defining "fishing communities": vulnerability and the Magnuson-Stevens Fisheries Conservation and Management Act [abstract]. Presented at: XIV International Conference of the Society for Human Ecology; 2006 Oct 18-21; Bar Harbor, ME. [WH]
- [CLEARY T](#), DRAXLER AFJ, WIECZOREK D, Balogun B. 2006. Contaminant analysis of juvenile *Pseudopleuronectes americanus*: separating tissue levels from gut content load [poster]. Tenth Flatfish Biology Conference, November 29-30, 2006, Water's Edge Resort, Westbrook, Connecticut; NEFSC Ref Doc 06-23; p. 37. [SH]
- [COL L](#). 2006. Using a traffic light approach to determine the stock status of Atlantic halibut and Atlantic wolffish [poster]. Presented at: American Fisheries Society 136th Annual Meeting; 2006 Sep 10-14; Lake Placid, NY; Abstr No 222. [WH]
- Colligan MA, Pruden J, [KOCIK J](#), SHEEHAN T. 2006. Challenges posed by international management of Atlantic salmon: balancing commercial, recreational and societal interests [abstract]. Presented at: American Fisheries Society 136th Annual Meeting; 2006 Sep 10-14; Lake Placid, NY; Abstr No 612. [OR]
- [CROXTON AN](#), WIKFORS GH, Gragg RD III. 2006. Immunomodulation in eastern oysters, *Crassostrea virginica*, exposed to a PAH-contaminated benthic diatom [abstract]. Presented at: 26th Milford Aquaculture Seminar; 2006 Feb 27 - Mar 1; Milford, CT. *J Shellfish Res.* 25(2):pnk. [MF]
- [CROXTON AN](#), WIKFORS GH, Soudant P, Schulterbrandt Gragg RD. 2006. In vitro effects of PAHs on eastern oyster, *Crassostrea virginica*, hemocytes [abstract]. Presented at: 2006 Northeast Aquaculture Conference & Exposition/27th Milford Aquaculture Seminar; 2006 Dec 6-8; Groton, CT. [MF]
- [DICKEY R](#), Clark CW, Hatch L, Kiernan J, MERRICK R, Thompson M, Wiley D, VAN PARIJS SM. 2006. Passive acoustics monitoring of North Atlantic right whales in Stellwagen Bank National Marine Sanctuary [abstract]. Presented at: North Atlantic Right Whale Consortium; 2006 Nov 8-9; New Bedford MA. [WH]
- [DIXON MS](#), Zhao H, Giner J-L, WIKFORS GH. 2006. Metabolic conversion of phytosterols to cholesterol in *Artemia*, a crustacean model organism [abstract]. Presented at: 26th Milford Aquaculture Seminar; 2006 Feb 27 - Mar 1; Milford, CT. *J Shellfish Res.* 25(2):661. [MF]
- [DRAXLER AFJ](#), Sherrell RM, WIECZOREK D, Lavigne MG. 2006. Effect of eutrophication biogeochemistry on American lobsters (*Homarus americanus*) including accumulation of manganese as an indicator of exposure to hypoxia [abstract]. Presented at: American Chemical Society Meeting and Exposition; 2006 Mar 26-30; Atlanta GA. [SH]
- Ellis SL, Snow-Cotter SA, Todd BJ, Valentine PC, [TYRRELL MC](#), NOJI TT, GUIDA VG, Beaver AL, Case JD. 2006. The Gulf of Maine mapping initiative: a regional collaborative effort [abstract]. In: Pohle GW, Wells PG, Rolston SJ, eds. *Challenges in Environmental Management in the Bay of Fundy-Gulf of Maine*. Proceedings of the 7th Bay of Fundy Science Workshop, St. Andrews,

- New Brunswick, 24-27 October 2006. Wolfville (NS): Bay of Fundy Ecosystem Partnership Tech Rep No. 30; p. 139. [SH]
- Ellis SL, Todd BJ, [TYRRELL MC](#), NOJI TT, Valentine PC, Snow-Cotter SA, GUIDA VG, Beaver AL, Case JD. 2006. Gulf of Maine mapping initiative: advancing regional fisheries research and management [poster]. In: Pohle GW, Wells PG, Rolston SJ, eds. Challenges in Environmental Management in the Bay of Fundy-Gulf of Maine. Proceedings of the 7th Bay of Fundy Science Workshop, St. Andrews, New Brunswick, 24-27 October 2006. Wolfville (NS): Bay of Fundy Ecosystem Partnership Tech Rep No. 30; p. 260. [SH]
- Falkowski PG, [SEITZINGER SP](#). 2006. How do continental shelves store organic carbon? [abstract]. Presented at: 2006 Ocean Science Meeting; 2006 20-24 Feb; Honolulu, HI. EOS Trans Am Geophys Union 87(36), Ocean Sci Meet Suppl Abstr No OS24A-01. [RG]
- Farrell U, Dietl GP, [VEILLEUX DJ](#). 2006. Functional groups, predator identity and drilling gastropods in the fossil record [abstract]. Presented at: Geological Society of America 2006 Philadelphia Annual Meeting; 2006 Oct 22-25; Philadelphia, PA; No. 23-19. [MF]
- Ford MD, [LINK JS](#). 2006. Predation of ctenophores by spiny dogfish (*Squalus acanthias*) on the northeast continental shelf of the U.S [abstract]. Presented at: 2006 Ocean Science Meeting; 2006 20-24 Feb; Honolulu, HI. EOS Trans Am Geophys Union 87(36), Ocean Sci Meet Suppl. Abstr No OS52N. [WH]
- [FRIEDLAND KD](#). 2006. The use of light in the migration of salmon [seminar]. Yale University; 2006 Feb; New Haven, CT. [NG]
- [FULCHER C](#), THUNBERG E, BRODZIAK JKT. 2006. Harvest strategies for a transboundary resource: Georges Bank haddock [abstract]. Presented at: IIFET 2006 Portsmouth: Rebuilding Fisheries in an Uncertain Environment; 2006 Jul 11-14; Portsmouth, UK. [WH]
- Galli G, Musyl M, [BRILL RW](#), Shiels H. 2006. Thermal sensitivity of contractility and excitation-contraction coupling in tuna cardiac muscle [abstract]. Presented at: VIIIth International Congress of the Biology of Fish, 2006 Jul 18-22; St. John's, NF; p. 105. [VA]
- [GERVELIS BJ](#), MELLO JJ. 2006. Incidental catch of shark species from the gillnet and otter trawl fisheries from North Carolina to Maine as seen by the Northeast Fisheries Observer Program [abstract]. Presented at: 2006 Elasmobranch Conference; 2006 Jul 12-17; New Orleans, LA. [WH]
- Gifford DJ, Steele JH, Bisagni JJ, Collie JS, [FOGARTY MJ](#), MOUNTAIN D, LINK JS, Sullivan BK, Sieracki ME, Beet A, Stockhausen W. 2006. End-to-end food webs on Georges Bank: top-down versus bottom-up control of production over four decades [abstract]. Presented at: 2006 Ocean Science Meeting; 2006 20-24 Feb; Honolulu, HI. EOS Trans Am Geophys Union 87(36), Ocean Sci Meet Suppl Abstr No OS52N-03. [WH]
- Gonçalves M, [WIKFORS GH](#), ALIX JH, Hégaret H. 2006. Functions of granular and agranular hemocytes in eastern oysters following flow-cytometric live-sorting [abstract]. Presented at: 26th Milford Aquaculture Seminar; 2006 Feb 27 - Mar 1; Milford, CT. J Shellfish Res. 25(2):662. [MF]
- Good C, [COLE TVN](#), Jaquet N. 2006. Assessment of the spatial overlap of lobster gear and right whales in the Gulf of Maine [abstract]. Presented at: North Atlantic Right Whale Consortium; 2006 Nov 8-9; New Bedford MA. [WH]
- [GREEN BS](#), CHAMBERS RC. 2006. The relative contribution of environmental and maternal factors in phenotypic variation in fish populations [abstract]. Presented at: American Fisheries Society 136th Annual Meeting; 2006 Sep 10-14; Lake Placid, NY; Abstr No 736. [SH]

- GROTHUES T, [PHELAN B](#), Bochenek E. 2006. Estuary-scale movement of telemetered winter flounder, *Pseudopleuronectes americanus*, in a fixed hydrophone array [abstract]. Presented at: Tenth Flatfish Biology Conference, November 29-30, 2006, Water's Edge Resort, Westbrook, Connecticut. NEFSC Ref Doc 06-23, p. 10. [SH]
- [GUIDA VG](#). 2006. Single beam sonar mapping for deepwater habitats in Hudson Canyon [poster]. Presented at: Geographic Information Systems and Ocean Mapping in Support of Fisheries Research and Management [MIT Sea Grant and NOAA/NMFS/NEFSC]; 2006 Apr 11; Cambridge, MA; p. 67-70. [SH]
- [HAAS HL](#), Gearhart J, Hayward B, Keane E, MILLIKEN H, Teas W. 2006. Investigating the evidence for injurious in-water interactions between scallop dredges and sea turtles [poster]. Presented at: 26th Sea Turtle Symposium; 2006 Apr 3-8; Crete, Greece; p. 246. [WH]
- [HAAS-CASTRO RE](#), LIPSKY C, HASTINGS E. 2006. Smolt rearing origins from scales: scale readers vs computers [abstract]. Presented at: American Fisheries Society 136th Annual Meeting; 2006 Sep 10-14; Lake Placid, NY; Abstr No 385. [WH]
- [HAGGERTY C](#), CHOROMANSKI J, STILES S. 2006. Advancing technology in aquaculture: A continuous water quality monitor for scallop genetic lines [abstract]. Presented at: 2006 Northeast Aquaculture Conference & Exposition/27th Milford Aquaculture Seminar; 2006 Dec 6-8; Groton, CT. [MF]
- [HART DR](#). 2006. When do marine reserves increase fishery yield? [abstract]. Presented at: American Fisheries Society 136th Annual Meeting; 2006 Sep 10-14; Lake Placid, NY; Abstr No 892. [WH]
- [HAWKES JP](#), SAUNDERS R, Vashon A. 2006. The use of ultrasonic telemetry as a tool in evaluating success of adaptive management activities aiding Atlantic salmon recovery [abstract]. Presented at: VIIIth International Congress of the Biology of Fish, 2006 Jul 18-22; St. John's, NF; p. 119. [OR]
- Hégaret H, Shumway SE, Saliou N, [WIKFORS GH](#). 2006. Transport of harmful algae via relocation of bivalve mollusks [abstract]. Presented at: 26th Milford Aquaculture Seminar; 2006 Feb 27 - Mar 1; Milford, CT. J Shellfish Res. 25(2):664. [MF]
- Hégaret H, [WIKFORS GH](#), Gonçalves M, DaSilva M, Soudant P, Shumway SE. 2006. In vitro interactions between several species of harmful algae and hemocytes of two species of clams [abstract]. Presented at: 2006 Northeast Aquaculture Conference & Exposition/27th Milford Aquaculture Seminar; 2006 Dec 6-8; Groton, CT. [MF]
- [HENDRICKSON LC](#). 2006. A spatial and temporal analysis of butterfish discards in the small-mesh fisheries of the Southern New England - Mid Atlantic Bight regions [poster]. Presented at: Geographic Information Systems and Ocean Mapping in Support of Fisheries Research and Management [MIT Sea Grant and NOAA/NMFS/NEFSC]; 2006 Apr 11; Cambridge, MA; p. 148. [WH]
- Hofmann EE, McClain CR, Haidvogel DB, Wilkin J, Lee C, Mannino A, Najjar R, [O'REILLY JE](#), Yoder J, Fennel K, [SEITZINGER SP](#), Signorini S, Pollard D, Friedrichs M. 2006. Eastern U.S. continental shelf carbon budget: modeling, data assimilation, and analysis [abstract]. Presented at: 2006 Ocean Science Meeting; 2006 20-24 Feb; Honolulu, HI. EOS Trans Am Geophys Union 87(36), Ocean Sci Meet Suppl Abstr No OS25G-22. [NG]
- Horodysky AZ, [BRILL RW](#), Musick JA, Fine ML, Latour RJ. 2006. Pressure wave and particle velocity contributions to the auditory abilities of sciaenid fishes [abstract]. Presented at: VIIIth International Congress of the Biology of Fish, 2006 Jul 18-22; St. John's, NF; p. 126. [VA]

- Horodysky AZ, [BRILL RW](#), Musick JA, Latour RJ. 2006. Electroretinographic assessment of visual function in six commercially and recreationally important estuarine fishes [abstract]. Presented at: VIIth International Congress of the Biology of Fish, 2006 Jul 18-22; St. John's, NF; p. 125. [VA]
- [HUGHES JB](#). 2006. Evidence of Long Island Sound oyster hemocyte micronucleation as measured by flow cytometry [abstract]. Presented at: 26th Milford Aquaculture Seminar; 2006 Feb 27 - Mar 1; Milford, CT. J Shellfish Res. 25(2):pnk. [MF]
- Hunsperger H, [WIDMAN JC Jr](#), MILKE L, MESECK SL, VEILLEUX D, DIXON M, WIKFORS GH. 2006. Dietary arachidonic acid supplementation in bay scallops during early development [abstract]. Presented at: 2006 Northeast Aquaculture Conference & Exposition/27th Milford Aquaculture Seminar; 2006 Dec 6-8; Groton, CT. [MF]
- [JECH JM](#). 2006. Using objective classification methods to evaluate fisheries acoustics data [abstract]. Presented at: 2006 Ocean Science Meeting; 2006 20-24 Feb; Honolulu, HI. EOS Trans Am Geophys Union 87(36), Ocean Sci Meet Suppl Abstr No OS46G-10. [WH]
- [JECH JM](#), GAMBLE R, Towler RH, Horne JK. 2006. Towards a standardized data format of digital anatomy and morphometry for acoustic scattering models [abstract]. In: Report of the Working Group on Fisheries Acoustics Science and Technology (WGFAST), 27-30 March 2006, Hobart, Tasmania; 2006/FTC:01, p 22. [WH]
- [KANE JM](#), HARE J. 2006. Georges Bank zooplankton seasonal cycles and long term abundance trends [abstract]. Presented at: 2006 Ocean Science Meeting; 2006 20-24 Feb; Honolulu, HI. EOS Trans Am Geophys Union 87(36), Ocean Sci Meet Suppl Abstr No OS46P-05. [NG]
- [KAPAREIKO DN](#), LIM HJ, PITCHFORD S, ALIX JH, MESECK SL, DIXON MS, WIKFORS GH. 2006. Further progress in isolation and evaluation of new, probiotic bacteria for use in shellfish hatcheries [abstract]. Presented at: 2006 Northeast Aquaculture Conference & Exposition/27th Milford Aquaculture Seminar; 2006 Dec 6-8; Groton, CT. [MF]
- [KAPAREIKO DN](#), SENNEFELDER G, Babb I, Tedeschi D. 2006. The Aquanaut-LISICOS program -- providing teachers with the tools and experiences to promote marine science in the classroom [abstract]. Presented at: 2006 Northeast Aquaculture Conference & Exposition/27th Milford Aquaculture Seminar; 2006 Dec 6-8; Groton, CT. [MF]
- [KITTS A](#). 2006. Sector allocations in the Northeast [abstract]. Presented at: NOAA Fisheries Economics and Social Science Workshop; 2006 Apr 18-20; San Francisco CA. [WH]
- Levenson J, [PALMER MC](#). 2006. Development and use of Geographic Information Systems and the ESRI/SAS bridge as a tool to audit vessel trip reports [abstract]. Presented at: Geographic Information Systems and Ocean Mapping in Support of Fisheries Research and Management [MIT Sea Grant and NOAA/NMFS/NEFSC]; 2006 Apr 11; Cambridge, MA; p. 120. [WH]
- [LI Y](#), Hégaret H, MESECK SL, WIKFORS GH, DIXON MS, ALIX JH. 2006. Differences in protein excretion by the harmful marine dinoflagellate, *Prorocentrum minimum*, under different culture conditions, as revealed by SELD proteomic technology [abstract]. Presented at: 26th Milford Aquaculture Seminar; 2006 Feb 27 - Mar 1; Milford, CT. J Shellfish Res. 25(2):666. [MF]
- LIM HJ, [KAPAREIKO DN](#), PITCHFORD S, ALIX JH, MESECK SL, DIXON M, WIKFORS GH. 2006. Progress in isolation and evaluation of new, probiotic bacteria for use in shellfish hatcheries [abstract]. Presented at: 26th Milford Aquaculture Seminar; 2006 Feb 27 - Mar 1; Milford, CT. J Shellfish Res. 25(2):666. [MF]
- [LINK JS](#). 2006. The dynamic role of pollock (*Pollachius virens*) in the Northeast U.S. Atlantic ecosystem [abstract]. Presented at: 24th Wakefield Symposium. Resiliency of Gadid Stocks to Fishing and Climate Change: 2006 Oct 31 - Nov 3; Anchorage AK. [WH]

- [LINK JS](#), Ford MD, Fulton E. 2006. Widespread and persistent increase in Ctenophora in the Northeast US shelf ecosystem: evidence from spiny dogfish (*Squalus acanthias*) and implications for large marine ecosystems [abstract]. Presented at: PICES [North Pacific Marine Science Organization] 15th Annual Meeting; 2006 Oct 13-22; Yokohama, Japan; p. 12-13. [WH]
- [LINK JS](#), O'REILLY JE, DOW D, FOGARTY M, VITALIANO J, LEGAULT C, OVERHOLTZ W, GREEN J, PALKA D, GUIDA V, BRODZIAK J. 2006. Comparisons of the Georges Bank ecological network: EMAX in historical context [abstract]. Presented at: Northwest Atlantic Fisheries Organization [NAFO] Science Symposium: Environmental and Ecosystem Histories in the Northwest Atlantic - What Influences Living Marine Resources?; 2006 Sep 13-15; Dartmouth, NS; p. 18. [WH]
- [LIPSKY CA](#), HASTINGS E, HAAS-CASTRO RE. 2006. Penobscot River Smolt Studies, 2000-2005 [abstract]. Presented at: American Fisheries Society 136th Annual Meeting; 2006 Sep 10-14; Lake Placid, NY; Abstr No 793. [OR]
- [MANDERSON JP](#), PHELAN BP. 2006. Phase synchrony of age-0 winter flounder recruitment and nursery habitat dynamics in the Mid-Atlantic Bight, USA [abstract]. Presented at: American Fisheries Society 136th Annual Meeting; 2006 Sep 10-14; Lake Placid, NY; Abstr No 575. [SH]
- Marra J, Trees C, [O'REILLY JE](#). 2006. Phytoplankton absorption and assimilation numbers [poster]. Presented at: NASA MODIS Science Team Meeting; 2006 Oct 31 - Nov 2; Adelphi, MD. [NG]
- McElroy A, Mena L, Taibe V, [CHAMBERS RC](#). 2006. Sediments from Jamaica Bay New York cause endocrine disruption in young-of-the-year winter flounder -- nonylphenol implicated as causative agent [abstract]. Presented at: Tenth Flatfish Biology Conference, November 29-30, 2006, Water's Edge Resort, Westbrook, Connecticut. NEFSC Ref Doc 06-23, p. 23. [SH]
- Melrose DC, [BERMAN MS](#), O'REILLY JE. 2006. Assessment of Narragansett Bay phytoplankton by fast repetition rate fluorescence [abstract]. Presented at: 2006 Ocean Science Meeting; 2006 20-24 Feb; Honolulu, HI. EOS Trans Am Geophys Union 87(36), Ocean Sci Meet Suppl Abstr No OS16B-07. [NG]
- [MESECK SL](#), ALIX JH, DIXON MS, SMITH BC, WIKFORS GH. 2006. Managing microbial "weeds" in microalgal aquaculture-feed culture [abstract]. Presented at: 2006 Northeast Aquaculture Conference & Exposition/27th Milford Aquaculture Seminar; 2006 Dec 6-8; Groton, CT. [MF]
- [MESECK SL](#), ALIX JH, DIXON MS, SMITH BC, WIKFORS GH. 2006. *Tetraselmis chui* (PLY429) division rate and uptake of nitrate and phosphate at experimentally-varied pH [abstract]. Presented at: 26th Milford Aquaculture Seminar; 2006 Feb 27 - Mar 1; Milford, CT. J Shellfish Res. 25(2):668. [MF]
- [MESECK SL](#), SMITH BC, ALIX JH, DIXON MS, WIKFORS GH. 2006. The effects of a microbial weed on the growth and survival of juvenile bay scallops *Argopecten irradians irradians* [abstract]. Presented at: 2006 Northeast Aquaculture Conference & Exposition/27th Milford Aquaculture Seminar; 2006 Dec 6-8; Groton, CT. [MF]
- [MESECK SL](#), WIDMAN JC Jr, MILKE LM, SENNEFELDER G, DIXON MS, KAPAREIKO D, VEILLEUX DJ. 2006. Changes in feeding and excretion rates of bay scallops, *Argopecten irradians*, when exposed to elevated levels of ammonia in a closed system [abstract]. Presented at: 26th Milford Aquaculture Seminar; 2006 Feb 27 - Mar 1; Milford, CT. J Shellfish Res. 25(2):668. [MF]
- [METHRATTA ET](#), LINK JS. 2006. Consumption by demersal fish in the Gulf of Maine region: the effects of environment, location, and diet [abstract]. Presented at: American Fisheries Society 136th Annual Meeting; 2006 Sep 10-14; Lake Placid, NY; Abstr No 952. [WH]



- [MILKE LM](#), Bricelj VM, Ross NW. 2006. Changes in enzymatic activity during early development of bay and sea scallops, *Argopecten irradians* and *Placopecten magellanicus* [abstract]. Presented at: 26th Milford Aquaculture Seminar; 2006 Feb 27 - Mar 1; Milford, CT. *J Shellfish Res.* 25(2):669. [MF]
- [MILKE LM](#), Bricelj VM, Ross NW. 2006. Digestive enzyme activity over ontogeny in bay scallops, *Argopecten irradians*, and sea scallops, *Placopecten magellanicus* [abstract]. Presented at: National Shellfisheries Association 98th Annual Meeting; 2006 Mar 26-30; Monterey, CA; p. 66. [MF]
- [MILLIKEN HO](#), Farrington M, Rudolph T, Sanderson M. 2006. Survival of sub-legal cod (*Gadus morhua*) in the Northwest Atlantic demersal longline fishery [abstract]. Presented at: ICES 2006: Fishing Technology in the 21st Century. Integrating Fishing and Ecosystem Conservation; 2006 Oct 30 - Nov 3; Boston, MA. [WH]
- [MORRISON AT III](#), BROWN RW, DESPRES LI, NORDAHL VA Jr, GALBRAITH JK. 2006. FNET -- real-time fishnet evaluation tool [abstract]. Presented at: Oceans '06 Asia Pacific IEEE; 2006 May 16-19; Singapore. [WH]
- [MUNROE TA](#), Ross SW. 2006. Occurrence and distribution of two diminutive flatfishes, *Citharichthys gymnorhinus* and *C. cornutus* (Paralichthyidae), on the continental shelf of the Eastern United States [abstract]. Presented at: Tenth Flatfish Biology Conference, November 29-30, 2006, Water's Edge Resort, Westbrook, Connecticut. NEFSC Ref Doc 06-23, p. 25. [NS]
- [NELSON DA](#), PERRY DM, REDMAN DH, Roy JJ. 2006. Weight or length: which is better for measuring growth of juvenile black sea bass, *Centropristis striata*, less than 100 grams? [abstract]. Presented at: 2006 Northeast Aquaculture Conference & Exposition/27th Milford Aquaculture Seminar; 2006 Dec 6-8; Groton, CT. [MF]
- [NELSON DA](#), Roy JJ, PERRY DM, REDMAN DH, Cuevas KM, Voorhies RV. 2006. The effect of ration level on growth, feed conversion and survival of black sea bass [abstract]. Presented at: American Fisheries Society 136th Annual Meeting; 2006 Sep 10-14; Lake Placid, NY; Abstr No 597. [MF]
- [OLSON JA](#). 2006. The "cultural turn" in geography and GIS [poster]. Presented at: NOAA Fisheries Economics and Social Science Workshop; 2006 Apr 18-20; San Francisco CA. [WH]
- [O'REILLY JE](#), Belkin I. 2006. Seasonal and annual variability in primary production, chlorophyll and SST in the northeast U.S. large marine ecosystem [abstract]. Presented at: 2006 Ocean Science Meeting; 2006 20-24 Feb; Honolulu, HI. *EOS Trans Am Geophys Union* 87(36), Ocean Sci Meet Suppl Abstr No OS25G-21. [NG]
- [O'REILLY JE](#), Belkin I, Ducas T. 2006. Seasonal and inter-annual variability in primary production, chlorophyll and SST in the Northeast U.S. Large Marine Ecosystem [abstract]. Presented at: NASA Ocean Color Research Team Meeting; 2006 Apr 11-13; Newport, RI. [NG]
- [O'REILLY JE](#), Belkin I, Ducas T. 2006. Seasonal, inter-annual and long-term variability in primary production, chlorophyll and SST in the Northeast U.S. large marine ecosystem [abstract]. Presented at: Integrating Satellite Data Products into Ecosystem-Based Management of Living Marine Resources Workshop; 2006 May 3-5; Moss Landing, CA. [NG]
- [ORPHANIDES CD](#), PALKA DL, MURRAY KT, ROSSMAN M. 2006. Development and use of oceanographic GIS data to improve management of protected species [abstract]. Presented at: Geographic Information Systems and Ocean Mapping in Support of Fisheries Research and Management [MIT Sea Grant and NOAA/NMFS/NEFSC]; 2006 Apr 11; Cambridge, MA; p. 124. [WH]

- Orrell TM, [COLLETTE BB](#), McDiarmid R. 2006. The Integrated Taxonomic Information System (ITIS) contains names of fishes, reptiles, and amphibians [abstract]. Presented at: Joint Meeting of Ichthyologists and Herpetologists; 2006 Jul 12-17; New Orleans, LA; p. 112-113. [NS]
- Patterson RM, Love JW, [CHASE PD](#). 2006. Stock identification of scup in the Northwest Atlantic Ocean based on morphological characteristics [poster]. Presented at: American Fisheries Society 136th Annual Meeting; 2006 Sep 10-14; Lake Placid, NY; Abstr No 140. [WH]
- [PEREIRA JJ](#), Plourde M, Auster PJ, Schultz ET. 2006. Distribution of winter flounder eggs among shallow water habitats in two harbors in Long Island Sound [abstract]. Presented at: Southern New England Chapter of the American Fisheries Society 2006 Winter Meeting, 2006 Jan 18; Narragansett, RI. [MF]
- [PEREIRA JJ](#), Plourde M, Auster PJ, Schultz ET. 2006. Distribution of winter flounder eggs among shallow water habitats in two harbors in Long Island Sound [abstract]. Presented at: Tenth Flatfish Biology Conference, November 29-30, 2006, Water's Edge Resort, Westbrook, Connecticut. NEFSC Ref Doc 06-23, p. 15. [MF]
- [PEREIRA JJ](#), Plourde M, Auster PJ, Schultz ET. 2006. Distribution of winter flounder eggs among shallow water habitats in two harbors in Long Island Sound [abstract]. Presented at: American Fisheries Society 136th Annual Meeting; 2006 Sep 10-14; Lake Placid, NY; Abstr No 40. [MF]
- Piatkowski U, [VECCHIONE M](#), Young RE. 2006. Community and species diversity of deepwater cephalopods along the northern mid-Atlantic Ridge [poster]. Presented at: 2006 ICES Annual Science Conference; 2006 Sep 19-23; Maastricht, Netherlands. ICES CM 2006/D:16. [NS]
- [PINTO da SILVA P](#). 2006. Vulnerability, resilience and fishery stakeholders in the Northeast US [abstract]. Presented at: Annual Meeting of the Society for Human Ecology; 2006 Oct. 19; Bar Harbor, ME. [WH]
- [PINTO da SILVA P](#), FULCHER C. 2006. Unraveling land-sea connections in the herring fishery using GIS [poster]. Presented at: NOAA Fisheries Economics and Social Science Workshop; 2006 Apr 18-20; San Francisco, CA. [WH]
- [PINTO da SILVA P](#), FULCHER C. 2006. Using GIS to illustrate social and ecological connections in commercial fisheries off the Northeast coast of the United States [poster]. Presented at: Geographic Information Systems and Ocean Mapping in Support of Fisheries Research and Management [MIT Sea Grant and NOAA/NMFS/NEFSC]; 2006 Apr 11; Cambridge, MA; p. 110-115. [WH]
- [PINTO da SILVA P](#), FULCHER C. 2006. Visualizing social and ecological linkages using GIS: Northeast US Herring Fishery Pilot Project [abstract]. Presented at: Society for Applied Anthropology 66th Annual Meeting; 2006 Mar 28 - Apr 2; Vancouver, BC. [WH]
- [RAGO PJ](#). 2006. Spiny dogfish management and science [abstract]. Presented at: American Fisheries Society 136th Annual Meeting; 2006 Sep 10-14; Lake Placid, NY; Abstr No 932. [WH]
- [RAGO PJ](#), BRODZIAK JKT, LEGAULT CM. 2006. Changes in data and dynamics during rebuilding: the assessment challenges of rapidly recovering stocks [abstract]. Presented at: American Fisheries Society 136th Annual Meeting; 2006 Sep 10-14; Lake Placid, NY; Abstr No 967. [WH]
- [RENKAWITZ MD](#), SHEEHAN TF. 2006. Feeding ecology of Atlantic salmon postsmolts in Penobscot Bay, Maine USA: Origin matters [abstract]. Presented at: American Fisheries Society 136th Annual Meeting; 2006 Sep 10-14; Lake Placid, NY; Abstr No 148. [WH]
- Rodriguez J, Castellano SA, [PERRY DM](#), NELSON DA, REDMAN DH, Roy JJ. 2006. Rotifers by the millions; a cooperative effort between students at the Sound School and researchers from the

- National Marine Fisheries Service [abstract]. Presented at: 2006 Northeast Aquaculture Conference & Exposition/27th Milford Aquaculture Seminar; 2006 Dec 6-8; Groton, CT. [MF]
- Roy JJ, [NELSON DA](#), PERRY DM, Morales B, Morales XD, REDMAN DH. 2006. Mutualism in a fish production laboratory [abstract]. Presented at: 2006 Northeast Aquaculture Conference & Exposition/27th Milford Aquaculture Seminar; 2006 Dec 6-8; Groton, CT. [MF]
- [SEITZINGER SP](#), Simjouw J, Gruber D, Lauck R. 2006. Molecular-Level Characterization of Labile and Refractory DOM Compounds Released During Bacterial Growth and Protozoan Grazing [abstract]. Presented at: 2006 Ocean Science Meeting; 2006 20-24 Feb; Honolulu, HI. EOS Trans Am Geophys Union 87(36), Ocean Sci Meet Suppl Abstr No OS25L-09. [RG]
- [SHEEHAN TF](#), KOCIK JF, HAWKES JP, HASTINGS EM. 2006. Maine Atlantic salmon in the ocean: What do we know and how do we know it? [abstract]. Presented at: American Fisheries Society 136th Annual Meeting; 2006 Sep 10-14; Lake Placid, NY; Abstr No 1030. [WH]
- Shiels HA, Musyl M, [BRILL RW](#). 2006. Cardiac myocyte morphology from pelagic fish species [abstract]. Presented at: VIIth International Congress of the Biology of Fish, 2006 Jul 18-22; St. John's, NF; p. 205. [VA]
- Shyka T, [MOUNTAIN DG](#), Richart E, Bogden P. 2006. The Gulf of Maine ocean data partnership: building a region-wide information system to support Gulf of Maine resource management [poster]. Presented at: Geographic Information Systems and Ocean Mapping in Support of Fisheries Research and Management [MIT Sea Grant and NOAA/NMFS/NEFSC]; 2006 Apr 11; Cambridge, MA; p. 24. [WH]
- SIDDIQUI G, [DIXON MS](#), CHOROMANSKI J, VEILLEUX DJ, WIKFORS GH. 2006. Strategy for determining biochemical nutrition of shellfish broodstock conditioning [abstract]. Presented at: 26th Milford Aquaculture Seminar; 2006 Feb 27 - Mar 1; Milford, CT. J Shellfish Res. 25(2):672. [MF]
- [SMITH BC](#), Hégaret H, Saliou S, WIKFORS GH. 2006. A portable, experimental shellfish-feeding system: design and validation of operation [abstract]. Presented at: 26th Milford Aquaculture Seminar; 2006 Feb 27 - Mar 1; Milford, CT. J Shellfish Res. 25(2):673. [MF]
- [SMITH BC](#), Persson A, WIKFORS GH. 2006. A device for concentrating dinoflagellate cysts from sediment samples [abstract]. Presented at: 26th Milford Aquaculture Seminar; 2006 Feb 27 - Mar 1; Milford, CT. J Shellfish Res. 25(2):673. [MF]
- [SMITH BC](#), Persson A, WIKFORS GH. 2006. Oysters consuming cultures and collected natural dinoflagellate cysts [abstract]. Presented at: 2006 Northeast Aquaculture Conference & Exposition/27th Milford Aquaculture Seminar; 2006 Dec 6-8; Groton, CT. [MF]
- [SMITH BE](#), LINK JS. 2006. Comparing methods for food habits data: "sea-truthing" at-sea stomach sampling with laboratory processing [poster]. Presented at: American Fisheries Society 136th Annual Meeting; 2006 Sep 10-14; Lake Placid, NY; Abstr No 181. [WH]
- [SMITH BE](#), LINK JS. 2006. Overview, metadata and function of the Food Web Dynamics Program [poster]. Presented at: American Fisheries Society 136th Annual Meeting; 2006 Sep 10-14; Lake Placid, NY; Abstr No 182. [WH]
- Smith S, Pollnac R, [OLSON JA](#). 2006. Selecting fishing communities for detailed social impact awareness [abstract]. Presented at: Society for Applied Anthropology 66th Annual Meeting; 2006 Mar 28 - Apr 2; Vancouver, BC. [WH]
- Smith S, Pollnac R, [OLSON JA](#). 2006. Selecting fishing communities for detailed social impact assessment [abstract]. Presented at: Southern New England Chapter of the American Fisheries Society 2006 Summer Meeting; 2006 Jun 14; Fall River, MA. [WH]

- Smolowitz RJ, [MILLIKEN HO](#), Silva R, DuPaul W, HAAS H, MERRICK RL, DeAlteris J, MURRAY KT. 2006. Reducing the bycatch mortality of sea turtles in the USA Northwest Atlantic Ocean fisheries [abstract]. Presented at: ICES 2006: Fishing Technology in the 21st Century. Integrating Fishing and Ecosystem Conservation; 2006 Oct 30 - Nov 3; Boston, MA. [WH]
- Stanton TK, Chu D, [JECH JM](#), Irish JD. 2006. A broadband acoustic system for resonance classification of swimbladder-bearing fish [abstract]. Prepared for: 152nd Meeting (4th joint meeting of the Acoustical Society of America and the Acoustical Society of Japan); 2006 Nov 28 - Dec 2; Honolulu, HI. J Acoust Soc Am. 120:3000. [WH]
- Stanton TK, Chu D, [JECH JM](#); Irish JD. 2006. Statistical behavior of echoes from swimbladder-bearing fish at 2-4 kHz [abstract]. Presented at: Oceans 2006 MTS/IEEE, 2006 Sep 18-21; Boston, MA. [WH]
- Staudinger MD, Juanes F, [LINK JS](#). 2006. Predator-prey interactions between summer flounder (*Paralichthys dentatus*) and longfin squid (*Loligo pealeii*) in the Northwest Atlantic ecosystem [abstract]. Presented at: Tenth Flatfish Biology Conference, November 29-30, 2006, Water's Edge Resort, Westbrook, Connecticut. NEFSC Ref Doc 06-23, p. 20. [WH]
- [STILES S](#), CHOROMANSKI J, JEFFRESS D, HAGGERTY C. 2006. Genetic strategies for regional approaches to stock enhancement and restoration of bay scallops (*Argopecten irradians irradians*) in the Northeast [abstract]. Presented at: 2006 Northeast Aquaculture Conference & Exposition/27th Milford Aquaculture Seminar; 2006 Dec 6-8; Groton, CT. [MF]
- [STILES S](#), CHOROMANSKI J, JEFFRESS D, PITCHFORD S, Williams D. 2006. Evaluation of scallop genetic lines for growth, overwintering survival and pheno-typic and genotypic markers [abstract]. Presented at: 26th Milford Aquaculture Seminar; 2006 Feb 27 - Mar 1; Milford, CT. J Shellfish Res. 25(2):673. [MF]
- Stoffle B, [PINTO da SILVA P](#), Stoffle R. 2006. Living on the edge: an examination of social and ecological theory, methods and practice [abstract]. Presented at: Society for Applied Anthropology 66th Annual Meeting; 2006 Mar 28 - Apr 2; Vancouver, BC. [WH]
- [STRAUB PE](#), DESHPANDE AD, Phoel WC, Higham ML, DOCKUM BW. 2006. Genetic and chemical analysis of winter flounder (*Pseudopleuronectes americanus*) from urban and non-urban estuaries [abstract]. Presented at: Atlantic Estuarine Research Society; 2006 Oct 5-7; Catonsville, MD; p. 25. [SH]
- [STRAUB PE](#), DESHPANDE AD, Phoel, WC, Higham ML, DOCKUM BW. 2006. Habitat-specific chemical and gene expression signatures in winter flounder [abstract]. Presented at: Tenth Flatfish Biology Conference, November 29-30, 2006, Water's Edge Resort, Westbrook, Connecticut. NEFSC Ref Doc 06-23, p. 16. [SH]
- [STRAUB PE](#), Higham ML, Phoel WC, DESHPANDE AD. 2006. Effects of degraded habitat on liver gene expression in young-of-the-year bluefish (*Pomatomus saltatrix*) [abstract]. Presented at: Atlantic Estuarine Research Society Meeting; 2006 Mar. 9-11; Philadelphia, PA. [SH]
- [SUTHERLAND SJ](#), O'BRIEN L, PREGRACKE SE, BURNETT J, MAYO RK. 2006. Recent trends in weight-at-age and growth of New England flatfishes [abstract]. Presented at: Tenth Flatfish Biology Conference, November 29-30, 2006, Water's Edge Resort, Westbrook, Connecticut. NEFSC Ref Doc 06-23, p. 18. [WH]
- Taibe VG, [CHAMBERS RC](#), May EB, Waguespack YY. 2006. Experimental assessment of the effects of contaminated sediment on the early life stages of winter flounder, *Pseudopleuronectes americanus* [abstract]. Presented at: 2006 Ocean Science Meeting; 2006 20-24 Feb; Honolulu, HI. EOS Trans Am Geophys Union 87(36), Ocean Sci Meet Suppl Abstr No OS25M-22. [SH]

- Taibe VG, [CHAMBERS RC](#), May EB, Waguespack YY. 2006. Experimental assessment of the effects of contaminated sediments from Raritan Bay, New Jersey, on young winter flounder [abstract]. Presented at: Tenth Flatfish Biology Conference, November 29-30, 2006, Water's Edge Resort, Westbrook, Connecticut. NEFSC Ref Doc 06-23, p. 28. [SH]
- [VEILLEUX DJ](#), Grace S, GOLDBERG R, Smith D. 2006. Communal effects among *Argopecten irradians*, *Littorina littorea*, and *Ilyanassa obsoleta* [abstract]. Presented at: 26th Milford Aquaculture Seminar; 2006 Feb 27 - Mar 1; Milford, CT. *J Shellfish Res.* 25(2):675. [MF]
- [VEILLEUX DJ](#), REDMAN D. 2006. Overwintering survival of different size classes of net-held bay scallops *Argopecten irradians* [abstract]. Presented at: 2006 Northeast Aquaculture Conference & Exposition/27th Milford Aquaculture Seminar; 2006 Dec 6-8; Groton, CT. [MF]
- Walsh ML, Witting DA, [CHAMBERS RC](#). 2006. The role of individual variability on consumption rates of captive juvenile winter flounder [abstract]. Presented at: American Fisheries Society 136th Annual Meeting; 2006 Sep 10-14; Lake Placid, NY; Abstr No 811. [SH]
- [WARING GT](#), Gilbert JR, BELDEN DL, VAN ATTEN A, DiGiovanni R. 2006. The status of harbor seals off the Northeast U.S.A. [abstract]. Presented at: North American Marine Mammal Commission [NAAMCO]Scientific Committee International Working Group on Harbour Seals; 2006 Oct 3-6; Copenhagen, Denmark. [WH]
- [WIDMAN JC Jr](#), MESECK SL, VEILLEUX DJ, DIXON MS. 2006. A comparison of bay scallop, *Argopecten irradians*, survival and growth when fed *Tetraselmis chui* grown in E or f media [abstract]. Presented at: 26th Milford Aquaculture Seminar; 2006 Feb 27 - Mar 1; Milford, CT. *J Shellfish Res.* 25(2):676. [MF]
- [WIDMAN JC Jr](#), MESECK SL, VEILLEUX DJ, DIXON MS. 2006. Does varying *Tetraselmis chui* concentrations affect ammonia concentrations in bay scallop, *Argopecten irradians*, cultures? [abstract]. Presented at: 26th Milford Aquaculture Seminar; 2006 Feb 27 - Mar 1; Milford, CT. *J Shellfish Res.* 25(2):pnk. [MF]
- [WIDMAN JC Jr](#), MESECK SL, VEILLEUX DJ, DIXON MS. 2006. Growth of bay scallops, *Argopecten irradians*, fed varying *Tetraselmis chui* concentrations and its effect on ammonia concentrations [abstract]. Presented at: National Shellfisheries Association 98th Annual Meeting; 2006 Mar 26-30; Monterey CA. *J Shellfish Res.* 25(2):791-792. [MF]
- [WIDMAN JC Jr](#), VEILLEUX DJ, DIXON MS. 2006. Growth and survival of bay scallops, *Argopecten irradians*, in semi-static cultures [abstract]. Presented at: 2006 Northeast Aquaculture Conference & Exposition/27th Milford Aquaculture Seminar; 2006 Dec 6-8; Groton, CT. [MF]
- [WIECZOREK D](#), DRAXLER AFJ. 2006. Alteration in behavioral responses of juvenile winter flounder exposed to sediments from Newark Bay [poster]. Tenth Flatfish Biology Conference, November 29-30, 2006, Water's Edge Resort, Westbrook, Connecticut; NEFSC Ref Doc 06-23; p. 42. [SH]
- [WIKFORS GH](#). 2006. Listing a species as threatened or endangered-what happened with the Eastern Oyster petition? [abstract]. Presented at: 26th Milford Aquaculture Seminar; 2006 Feb 27 - Mar 1; Milford, CT. *J Shellfish Res.* 25(2):677. [MF]
- [WIKFORS GH](#), Shumway SE. 2006. Ecosystem interactions of bivalve aquaculture practices: what do we measure and how do we measure it? [poster]. Presented at: 2006 Northeast Aquaculture Conference & Exposition/27th Milford Aquaculture Seminar; 2006 Dec 6-8; Groton CT. [MF]
- [WIKFORS GH](#), Sunila I, ALIX JH, CROXTON AN, Hégaret H, MESECK SL. 2006. Immune-status assessments of oysters from the 2004 annual State of Connecticut Bureau of Aquaculture Survey [abstract]. Presented at: 26th Milford Aquaculture Seminar; 2006 Feb 27 - Mar 1; Milford, CT. *J Shellfish Res.* 25(2):676. [MF]

- Wiley DN, Thompson MA, [MERRICK RL](#). 2006. Realigning the Boston Traffic Separation Scheme to reduce the risk of ship strike to right and other baleen whales [abstract]. Presented at: North Atlantic Right Whale Consortium; 2006 Nov 8-9; New Bedford MA. [WH]
- Wirgin II, Roy NK, [CHAMBERS RC](#). 2006. Resistance of Atlantic tomcod from the Hudson River to PCBs and TCDD and investigations of its mechanistic basis [abstract]. Presented at: American Fisheries Society 136th Annual Meeting; 2006 Sep 10-14; Lake Placid, NY; Abstr No 821. [SH]
- [ZISKOWSKI JJ](#), NEFSC ECOSYSTEMS SURVEYS BRANCH. 2006. The prevalence of axial skeletal deformities in American plaice collected at a site located near the Massachusetts Bay treated sewage effluent outfall [poster]. Tenth Flatfish Biology Conference, November 29-30, 2006, Water's Edge Resort, Westbrook, Connecticut; NEFSC Ref Doc 06-23; p. 43. [MF]

## Web Pages/Documents

- [CADRIN SX](#). 2006. Counting fish: where do the numbers come from? Rhode Island Sea Grant website; <http://seagrant.gso.uri.edu/fisheries/presentations/StockAssessmentCadrin.pdf>
- [CHAMBERS RC](#), FINNERAN T. 2006. Howard Laboratory Seminar Series: [http://sh.nefsc.noaa.gov/seminar\\_schedule.htm](http://sh.nefsc.noaa.gov/seminar_schedule.htm)
- [FRADY TL](#). 2006. The Ffiles: an e-zine from inside NOAA's NEFSC. <http://www.nefsc.noaa.gov/ffiles/>
- [FRIEDLAND K](#). 2006. Ecosystem Advisory for the Northeast Shelf Large Ecosystem: <http://www.nefsc.noaa.gov/omes/OMES/archives.html>.
- [FRIEDLAND K](#), O'REILLY J, HARE J, WOOD G. 2006. OMES -- Office of Marine Ecosystem Studies: <http://www.nefsc.noaa.gov/omes/OMES/>
- [GOELLER A](#). 2006. R/V Nauvoo: <http://sh.nefsc.noaa.gov/rvnauvoo.htm>
- [KALBACH A](#). 2006. Demographic information: <http://sh.nefsc.noaa.gov/demograph.htm>
- [MANNING JP](#), DAI H. 2006. Northeast Fisheries Science Center Ecosystem Processes Division Oceanography Branch: <http://www.nefsc.noaa.gov/epd/ocean/MainPage/>
- [McINTOSH K](#). 2006. Ecosystem Surveys Branch: <http://www.nefsc.noaa.gov/femad/ecosurvey/mainpage/>
- [MOSER J](#). 2006. Cooperative Scup Tagging Program: <http://nefsc.noaa.gov/read/popdy/scup-tagging/HomePage.htm>
- [MOSER J](#). 2006. Online fish tag reporting - cooperative tagging programs: <http://nefsc.noaa.gov/read/popdy/TagReporting/TagReporting.htm>
- [NOJI TT](#), NOONAN C, REID, R, MOUNTAIN D, PHELAN B, DRAXLER A. 2006. Ecosystems Processes Division – Staff: <http://sh.nefsc.noaa.gov/EPDstaff.html>
- [SUTHERLAND SJ](#). 2006. Templates for calculating aging precision: <http://www.nefsc.noaa.gov/fbi/age-prec/>

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