Northeast Fisheries Science Center Publications, Reports, and Abstracts for Calendar Year 2014

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This document may be cited as:

# TABLE OF CONTENTS

Editorial Notes ................................................................................................................................................. iv
Publications...................................................................................................................................................... 1
Reports............................................................................................................................................................. 9
Abstracts ........................................................................................................................................................ 13
EDITORIAL NOTES

The following bibliography consists of three sections: (1) anonymously peer-reviewed publications ("publications"), (2) transparently peer-reviewed and nonpeer-reviewed publications ("reports"), and (3) abstracts for oral presentations and poster displays. The bibliography covers works with a 2014 publication or presentation date, prepared by Northeast Fisheries Science Center (NEFSC) employees. (Publications appearing “online first” in 2014 but with a 2015 print publication date are not included in this list.) Bibliographies of publications, reports, and abstracts for earlier years are available online at: http://nefsc.noaa.gov/publications/lists/.

Availability varies for each work. Web links to online publications and Digital Object Identifiers (DOI) are provided when possible.

Editorial treatment of bibliographic entries is based on the Council of Science Editors style manual, seventh edition.¹

PUBLICATIONS


3


Greer AT, Cowen RK, Guigand CM, Hare JA. 2014. The role of internal waves in larval fish interactions with potential predators and prey. Prog Oceanogr. 127:47-61. DOI: 10.1016/j.pocean.2014.05.010


Olson J, Clay PM, Pinto da Silva P. 2014. Putting the seafood in sustainable food systems. Mar Pol. 43:104–111. DOI: 10.1016/j.marpol.2013.05.001


Pace RM III, Cole TVN, Henry AG. 2014. Incremental fishing gear modifications fail to significantly reduce large whale serious injury rates. Endang Species Res. 26:115-126. DOI: 10.3354/esr00635


Saba GK, Fraser WR, Saba VS, Iannuzzi RA, Coleman KE, Doney SC, Ducklow HW, Martinson DG, Miles TN, Patterson-Fraser DL, Stammerjohn SE, Steinberg DK, Schofield OM. 2014. Winter and spring controls on the summer food web of the coastal West Antarctic Peninsula. Nature Commun. 5:4318. DOI: 10.1038/ncomms5318


**REPORTS**


McCandless CT. 2014. Standardized indices of abundance for smooth dogfish, Mustelus canis, from the University of Rhode Island trawl survey conducted by the Graduate School of Oceanography. Southeast Data Assessment and Review (SEDAR) 39 Data Workshop Document, SEDAR39-DW-11; 11 p.


ABSTRACTS


Hennen D. 2014. How should we harvest an animal that can live for centuries? [abstract]. Presented at: 144th Meeting of the American Fisheries Society; 17-21 Aug 2014; Quebec City QC.


Li Y, Ji R, Fratantoni PS, Chen C, Sun Y, Hare JA. 2014. Changing rhythm of stratification on the
Northwest Atlantic shelf: interannual variability and its biological implications [abstract].
Presented at: RARGOM Annual Science Meeting; 30 Sep 2014; Boston MA; p 6.

The importance of considering primary productivity in bivalve aquaculture site selection –
an example from the Bronx, NY [abstract]. Presented at: 34th Milford Aquaculture

Lipsky C, Smith B, Rowe S, Sheehan T, O'Malley M. 2014. Groundfish predation on diadromous
fish in the Gulf of Maine [abstract]. Presented at: Atlantic Salmon Ecosystems Forum; 8-9
Jan 2014; Orono ME.

Quebec City QC.

Lucey SM, Aydin KY, Gaichas SK, Fogarty MJ, Hyun SY, Cadrin SX. 2014. Improving the
EBFM toolbox with an alternative open source mass balance model [abstract]. Presented at:
Ecopath 30 Years; 4-14 Nov 2014; Barcelona, Spain.

trophic level of the catch as an ecosystem indicator [abstract]. Presented at: 144th Meeting
of the American Fisheries Society; 17-21 Aug 2014; Quebec City QC.

Presented at: 5th International Otolith Symposium; 20-24 Oct 2014; Mallorca, Spain; p
258.

McElroy WD, Terceiro M. 2014. Female summer flounder maturity: A 30 year time-series and
accuracy of macroscopic classifications [abstract]. Presented at: 14th Flatfish Biology
Conference; 3-4 Dec. 2014; Westbrook CT; p 21.

fecundity and oocyte atresia of yellowtail flounder (*Limanda ferruginea*) in US waters
[abstract]. Presented at: The 9th International Flatfish Symposium; 9-14 Nov 2014; Cle
Elum WA.

Melrose DC, Krumholz J, McManus MC. 2014. Measuring changes in total phytoplankton-sized
particule volume over time as a proxy for primary production and food availability in
Narragansett Bay, RI [abstract]. Presented at: 34th Milford Aquaculture Seminar; 24-26

“head start” lobsters for improved post-release survival in potential stock enhancement
efforts: a progress report [abstract]. Presented at: 34th Milford Aquaculture Seminar; 24-26


Sheehan T. 2014. "Why bother, we can’t do anything about the ocean anyway" [abstract]. Presented at: Atlantic Salmon Ecosystems Forum; 8-9 Jan 2014; Orono ME.


Smith BE, Rowe S. 2014. Temporal trends in forage fish availability and predation in the northwest Atlantic with ties to climate change [abstract]. Presented at: 144th Meeting of the American Fisheries Society; 17-21 Aug 2014; Quebec City QC.


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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 and most issues receive copy editing.

Resource Survey Report (formerly Fishermen’s Report) -- This information report is a regularly-issued, 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. This report undergoes internal review, but receives no technical or copy editing.

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