



## WHOI Contributions to the Scientific Literature Monthly Activity Report

### Articles in Preparation - November 1997

MBL/WHOI Library  
Woods Hole, MA 02543

---

**Ando, Amy, Jeffrey Camm, Stephen Polasky, and Andrew Solow.**

Species distributions, land values, and efficient conservation. *Science*, IN PRESS.

Contracts: EPA R82-5311-010.

Department of WHOI Author: MPC.

Contribution Number: **9601**

**Berggren, William A.**

The Cenozoic Era: Lyellian (chrono)stratigraphy and nomenclatural reform at the millennium. *Geol.soc. London, Spec. Publ.*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **9598**

**Jarvinen, Denise**

Federal and state support for aquaculture development in the United States.

*Aquacult.Econ.Manage.*, IN PRESS.

Contracts: The Marine Policy Center, Rhode Island Foundation, WHOI Sea Grant, MIT Sea Grant.

Department of WHOI Author: MPC.

Contribution Number: **9527**

**Korenaga, Jun and Peter B. Kelemen.**

Melt migration through the oceanic lower crust: A constraint from melt percolation modeling with finite solid diffusion.

*Earth Planet.Sci.Lett.*, IN PRESS.

Contracts: NSF OCE94-16616.

Department of WHOI Author: GEOL.

Contribution Number: **9602**

**Martin Traykovski, Linda V., Richard L. O'Driscoll, and Duncan E. McGehee.**

Effect of orientation on broadband acoustic scattering of Antarctic krill *Euphausia superba*: Implications for inverting zooplankton spectral acoustic signatures for angle of orientation. *Limnol.Oceanogr.*, IN PRESS.

Contracts: ONR N00014-89-J-1729, ONR N00014-95-I-0287,  
ONR N00014-92-J-1527, NSF OCE-9201264,  
WHOI/MIT Joint Program Education Office.

Department of WHOI Author: BIO.

Contribution Number: **9596**

**Martin Traykovski, Linda V., Timothy K. Stanton, Peter H. Wiebe, and James F. Lynch.**

Model based Covariance Mean Variance Classification (CMVC) techniques: Algorithm development and application to the acoustic classification of zooplankton. *IEEE J.Oceanic Eng.*, IN PRESS.

Contracts: ONR N00014-92-J-1729, ONR N00014-95-I-0287,  
ONR N00014-92-J-1527, NSF OCE-92201264, WHOI/MIT Education Office.  
Department of WHOI Author: AOPE.

Contribution Number: **9597**

**Moore, Michael J., Roxanna M. Smolowitz, Dale F. Leavitt, John J. Stegeman.**

Evaluation of chemical contaminant effects in the Massachusetts Bays. *Report to the Massachusetts Bays Program: Evaluation of Chemical Contaminant Effects in the Massachusetts Bays, Executive Summary, July, 1995, MBP-95-05S.*

Contracts: U.S. Environmental Protection Agency Cooperative Agreement CE001534-01.

Department of WHOI Author: BIO.

Contribution Number: **9606**

**Pickart, Robert S., Theresa K. McKee, and Daniel J. Torres.**

Coupled variability in the slope water inshore of the Gulf Stream. *J.Phys.Oceanogr.*, IN PRESS.

Contracts: ONR N00014-95-1-0575, NSF OCE93-01448.

Department of WHOI Author: PO.

Contribution Number: **9595**

**Pringle, James M., and Kenneth H. Brink.**

High frequency internal waves on a sloping shelf. *J.Geophys.Res.*, IN PRESS.

Contracts: ONR ASSERT N00014-95-1-0746, ONR N00014-92-J-1528.

Department of WHOI Author: PO.

Contribution Number: **9600**

**Sholkovitz, Edward R., Geoffrey P. Allsup, Richard I. Arthur, Jr. , and David S. Hosom.**

An autonomous aerosol sampler for ocean buoys. *Eos*, IN PRESS.  
Contracts: NSF OCE-9423212.  
Department of WHOI Author: MCG.  
Contribution Number: **NONE**

**Solow, Andrew R.**

On inference about taxonomic ranges. *Deep-Sea Res.*, IN PRESS.  
Contracts: The Marine Policy Center.  
Department of WHOI Author: MPC.  
Contribution Number: **9604**

**Solow, Andrew R.**

On detecting a change in the frequency of extreme events.  
*Clim.Change*, IN PRESS.  
Contracts: The Marine Policy Center.  
Department of WHOI Author: MPC.  
Contribution Number: **9588**

**Werner, Sandra R., Robert C. Beardsley.**

The vertical structure of the tidal boundary layer on the southern flank of Georges Bank during near-homogenous and weakly stratified conditions.  
*J.Geophys.Res.*, IN PRESS.  
Contracts: NSF OCE93-13671, NSF OCE96-32357.  
Department of WHOI Author: PO.  
Contribution Number: **9594**

**Whelan, Jean.**

The dynamic migration hypothesis. *Sea Technol.*, IN PRESS.  
Department of WHOI Author: MCG.  
Contribution Number: **NONE**

---

Compiled by: Maureen Carragher  
MBL/WHOI Library  
library@whoi.edu  
October 3, 1997