



## WHOI Contributions to the Scientific Literature Monthly Activity Report

### Articles in Preparation – April 2000

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**Anderson, Erik J., Wade R. McGillis, and Mark A. Grosenbaugh.**

The boundary layer of swimming fish. *J.Exp.Mar.Biol.Ecol.*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **10175**

**Anderson, Steven P.**

A note on the internal boundary layer over the equatorial front.

*J.Climate*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **10183**

**Dahlgren, Thomas G., James R. Weinberg, and Kenneth M. Halanych.**

Phylogeography of the ocean quahog (*Artica islandica*). *Mar.Biol.*, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **10166**

**Dick, H. J. B., J. H. Natland, J. C. Alt, W. Bach, D. Bideau, J. S. Gee, S. Haggans,  
J. G. H. Hertogen, G. Hirth, P. M. Holm, B. Ildefonse, G. J. Iturrino, B. E. John,  
D. S. Kelley, E. Kikawa, A. Kindon, P. J. LeRoux, J. Maeda, and P. S. Meyer, et al.**

A long in-situ section of the lower ocean crust: Results of ODP Leg 176 drilling at the Southwest Indian Ridge. *Earth Planet.Sci.Lett.*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **NONE**

**Fries, J. Stephen, Cheryl Ann Butman, and Robert A. Wheatcroft.**  
Ripple formation induced by biogenic mounds - reply. *Mar.Geol.*, IN PRESS.  
Department of WHOI Author: AOPE.  
Contribution Number: **10170**

**Hernandez-Guerra, Alonso, and Terrence M. Joyce.**  
Water masses and circulation in the surface layers of the Caribbean at 66°W.  
*Geophys.Res.Lett.*, IN PRESS.  
Department of WHOI Author: PO.  
Contribution Number: **10169**

**Huang, Rui Xin.**  
An analytical solution of the ideal-fluid thermocline.  
*J.Phys.Oceanogr.*, IN PRESS.  
Department of WHOI Author: PO.  
Contribution Number: **10165**

**Joyce, T. M., I. Yasuda, Y. Hiroe, K. Komatsu, K. Kawasaki, and F. Bahr.**  
Mixing in the meandering Kuroshio Extension and the formation of NPIW.  
*J.Geophys.Res.*, IN PRESS.  
Department of WHOI Author: PO.  
Contribution Number: **10168**

**McCartney, Michael S. and Cecilie Mauritzen.**  
On the origin of the warm inflow to the Nordic Sea. *Prog.Oceanogr.*, IN PRESS.  
Department of WHOI Author: PO.  
Contribution Number: **10177**

**McCreary, Julian P., Jr., Kevin E. Kohler, Raleigh R. Hood, Sharon Smith,  
John Kindle, Albert Fischer, and Robert A. Weller.**  
Influences of diurnal and intraseasonal forcing on mixed-layer and biological  
variability in the central Arabian Sea. *J.Geophys.Res.*, IN PRESS.  
Department of WHOI Author: PO.  
Contribution Number: **10181**

**McNichol, A. P., J. R. Ertel, and T. I. Eglinton.**  
The radiocarbon content of individual lignin-derived phenols - technique and initial  
results. *Radiocarbon*, IN PRESS.  
Department of WHOI Author: GEOL.  
Contribution Number: **10179**

**Neubert, Michael G., Mark Kot, and Mark Lewis.**

Invasion speeds in fluctuating environments.

*Proc.Royal Soc. (London) B*, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **10174**

**Schlezingner, Jennifer F. and John J. Stegeman.**

Induction and suppression of cytochrome P450 1A by 3,3',4,4',5-pentachlorobiphenyl and its relationship to oxidative stress in the marine fish scup (*Stenotomus chrysops*). *Biochem.Pharmacol.*, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **10178**

**Seewald, Jeffrey S., Lorraine B. Eglinton, and Tea-Ling Ong.**

An experimental study of organic-inorganic interactions during vitrinite maturation. *Geochim.Cosmochim.Acta*, IN PRESS.

Department of WHOI Author: MCG.

Contribution Number: **10125**

**Shaw, D. G., J. W. Farrington, M. S. Connor, B. W. Tripp, and J. R. Schubel.**

The role of environmental scientists in public policy: A lesson from Georges Bank. *Mar.Poll.Bull.*, IN PRESS.

Department of WHOI Author: ADMIN. and CRC.

Contribution Number: **10180**

**Solow, Andrew R.**

Estimating the rate of lunar impacts. *J.Am.Stat.Assoc.*, IN PRESS.

Department of WHOI Author: MPC.

Contribution Number: **10176**

**Spall, Michael A., Robert A. Weller, and Peter W. Furey.**

Modelling the three-dimensional upper ocean heat budget and subduction rate during the Subduction Experiment. *J.Geophys.Res.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **10172**

**Traykovski, P., W. R. Geyer, J. D. Irish, and J. F. Lynch.**

The role of wave-induced density-driven fluid mud flows for cross-shelf transport on the Eel River continental shelf. *Cont.Shelf Res.*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **10182**

**Uchupi, Elazar, D. A. Ross.**

Early Holocene marine flooding of the Black Sea. *Quat.Res.*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **10173**

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