



WHOI Contributions to the Scientific Literature Monthly Activity Report

Articles in Preparation – June 2001

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Bower, Amy S., Nuno Serra, and Isabel Ambar.

Spreading of Mediterranean water around the Iberian Peninsula.

J.Geophys.Res., IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **10480**

Chandran, Vinod, Steve Elgar, and Anthony Nguyen.

Detection of mines in acoustic images using higher-order spectral features.

IEEE J.Oceanic Engr., IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **10482**

Edgcomb, Virginia A., David T. Kysela, Andreas Teske, Alvin de Vera Gomez, and Mitchell L. Sogin.

Benthic eukaryotic diversity in a hydrothermal vent environment.

Proc.Nat.Acad.Sci.USA, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **10481**

Edwards, K. J. and A. P. Rutenberg.

Microbial response to surface microtopography. The role of metabolism in localized mineral dissolution. *Chem.Geol.*, IN PRESS.

Department of WHOI Author: MCG.

Contribution Number: **10460**

Fratantoni, David M.

North Atlantic circulation during the 1990's observed with satellite-tracked drifters.

J.Geophys.Res., IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **10479**

Huang, Rui Xin.

Deep circulation in the South Atlantic induced by bottom-intensified mixing over the mid-ocean ridge. *J.Phys.Oceanogr.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **10476**

Huang, Rui Xin.

Decadal variability of the subtropical gyre - the three dimensional structure of perturbations induced by a point source. *J.Phys.Oceanogr.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **10477**

Kim, Eun-Young, Mark E. Hahn, Hisato Iwata, Shinsuke Tanabe, and Nobuyuki Miyazaki.

Comparison of dioxin susceptibility between seals inhabiting freshwater and marine environments: Initial characterization of Ah receptors in Baikal seals (*Phoca sibirica*) and harbor seals (*P. vitulina*). *Mar.EnvIRON.Res.*, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **10475**

Solow, Andrew R., and Woolcott K. Smith.

Testing for a changed segment in a dependent binary sequence.

Appl.Stat., IN PRESS.

Department of WHOI Author: MPC.

Contribution Number: **10469**

St. Laurent, Louis C., John M. Toole, and Raymond W. Schmitt.

Buoyancy forcing by turbulence above rough topography in the abyssal Brazil Basin.

J.Phys.Oceanogr., IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **10478**

Walker, Alison and Joseph Pedlosky.

On the instability of meridional baroclinic currents.

J.Phys.Oceanogr., IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **10472**

**Woodruff, Jonathan D., W. Rockwell Geyer, Christopher K. Sommerfield, and
Neal W. Driscoll.**

Seasonal variation of sediment deposition in the Hudson River estuary. *Mar.Geol.*, IN
PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **10471**

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