



## WHOI Contributions to the Scientific Literature Monthly Activity Report

### Articles in Preparation – October 2002

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#### **Bach, Wolfgang and Katrina Edwards**

Iron and sulfide oxidation within the basaltic ocean crust - extent, processes, timing, and implications for chemolithoautotrophic primary biomass production.

*Geochim. Cosmochim. Acta*, IN PRESS.

Department of WHOI Author: MCG.

Contribution Number: **10676**

#### **Becker, Kyle M., Subramaniam D. Rajan, and George V. Frisk**

Results from the Geoacoustic Inversion Techniques Workshop using modal inverse methods. *IEEE J. Ocean. Eng.*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **10690**

#### **Costello, Christopher J. and Andrew R. Solow**

On the pattern of discovery of introduced species. *Proc. Natl. Acad. Sci. U.S.A.*, IN PRESS.

Department of WHOI Author: MPC.

Contribution Number: **10685**

#### **Dannenmann, Stefanie, Braddock K. Linsley, Delia W. Oppo, Yair Rosenthal, and Luc Beaufort**

East Asian monsoon forcing of suborbital variability in the Sulu Sea during marine isotope stage 3: Link to northern hemisphere climate. *Geochem. Geophys. Geosyst.*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **10693**

**Foote, Kenneth G.**

Pilot census of marine life in the Gulf of Maine: contribution of technology.  
*Oceanol.Acta*, IN PRESS.  
Department of WHOI Author: AOPE.  
Contribution Number: **10681**

**Fries, J. Stephen and John H. Trowbridge**

Flume observations of enhanced fine particle deposition to permeable sediment beds.  
*Limnol.Oceanogr.*, IN PRESS.  
Department of WHOI Author: AOPE.  
Contribution Number: **10674**

**Hetland, R. D., E. J. McGillicuddy, and R. P. Signell**

Cross-frontal entrainment of plankton into a buoyant plume: The frog tongue mechanism. *J.Mar.Res.*, IN PRESS.  
Department of WHOI Author: AOPE.  
Contribution Number: **10680**

**Ide, Satoshi, Gregory C. Beroza, and Jeffrey J. McGuire**

Imaging earthquake source complexity. In: *Data Analysis and Imaging with Global and Local Seismic Arrays*, IN PRESS.  
Department of WHOI Author: GEOL.  
Contribution Number: **10672**

**Johnsen, Sonke and Heidi M. Sosik**

Cryptic coloration as a camouflage strategy in coastal waters. *Limnol.Oceanogr.*, IN PRESS.  
Department of WHOI Author: BIO.  
Contribution Number: **10670**

**Jull, M., P. B. Kelmen, and K. Sims**

Consequences of diffuse and channelled porous melt migration on uranium series disequilibria. *Geochim.Cosmochim.Acta*, IN PRESS.  
Department of WHOI Author: GEOL.  
Contribution Number: **10716**

**Kojima, Hisaya, Andreas Teske, and Manabu Fukui**

Morphological and Phylogenetic Characterizations of freshwater *Thioploca* species from Lake Biwa, Japan, and Lake Constance, Germany. *Appl.Environ.Microbiol.*, IN PRESS.  
Department of WHOI Author: BIO.  
Contribution Number: **10692**

**LaCasce, J. H.**

Waves and turbulence in a basin. *J.Mar.Res.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **10470**

**Legg, Sonya, and Alistair Adcroft**

Internal wave breaking at concave and convex continental slopes. *J.Phys.Oceanogr.*, IN PRESS.

Department of WHOI Author: MPC.

Contribution Number: **10688**

**Lima, Ana Lucia C., Timothy I. Eglinton, and Christopher M. Reddy**

A high-resolution record of pyrogenic polycyclic aromatic hydrocarbon (PAH) deposition during the 20th Century. *Environ.Sci.Technol.*, IN PRESS.

Department of WHOI Author: MCG.

Contribution Number: **10682**

**Pierce, Richard H., Michael S. Henry, Chris J. Higman, Patricia Blum, Mario R. Sengco, and Donald M. Anderson**

Removal of harmful algal cells (*Karenia brevis*) and toxins from seawater culture by clay flocculation. *Environ.Toxicol.Chem.*, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **10678**

**Reddy, C. M., L. Xu, N. J. Drenzek, N. C. Sturchio, L. J. Heraty, C. Kimblin, and A. Butler**

A chlorine isotope effect for enzyme-catalyzed chlorination. *J.Am.Chem.Soc.*, IN PRESS.

Department of WHOI Author: MCG.

Contribution Number: **10673**

**Scheltema, Amelie H., Klaus Kerth, and Alan M. Kuzirian**

The original molluscan radula: Comparisons among Aplousobranchia, Gastropoda, and the Cambrian fossil *Wiwaxia corrugata*. *J.Morph.*, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **10677**

**Slater, G. F.**

Stable isotope forensics - when isotopes work. *Environmental Forensics*, IN PRESS.

Department of WHOI Author: MCG

Contribution Number: **10686**

**Smith, Deborah K., Javier Excartin, Mathilde Cannat, Maya Tolstoy, Christopher G. Fox, DelWayne R. Bohnenstiehl, and Sara Bazin**

Spatial and temporal distribution of seismicity along the northern Mid-Atlantic Ridge (15°-35°N). *J.Geophys.Res.*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **10671**

**Solow, A.**

Characterizing the error in the estimated age-depth relationship. *Radiocarbon*, IN PRESS.

Department of WHOI Author: MPC.

Contribution Number: **10684**

**Yang, Jiayan, Terrance M. Joyce**

How do high-latitude climate signals negotiate the crossover between the DWBC and GS? *Geophys.Res.Lett.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **10822**

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