



**MBLWHOI LIBRARY**  
Marine Biological Laboratory  
Woods Hole Oceanographic Institution

## WHOI Contributions to the Scientific Literature Monthly Activity Report

### Articles Received in February 2005

MBLWHOI Library  
Woods Hole, MA 02543

**Note: Access to online articles may be limited to journal subscribers**

---

**Balcom, Prentiss H., William F. Fitzgerald, Grace M. Vandal, Carl H. Lamborg, Kristofer R. Rolffus, Connie S. Langer, and Chad R. Hammerschmidt**

Mercury sources and cycling in the Connecticut River and Long Island Sound. *Mar.Chem.*, 90:53-74, 2004, doi: 10.1016/j.marchem.2004.02.020.

[Link to online article](#)

Department of WHOI Author: MCG.

**Jahn, Ulrike, Roger Summons, Helen Sturt, Emmanuelle Grosjean, and Harald Huber**

Composition of the lipids of Nanoarchaeum equitans and their origin from its host Ignicoccus sp. strain KIN4/I. *Arch.Microbiol.*, 182:404-413, 2004, doi: 10.1007/s00203-004-0725-x.

[Link to online article](#)

Department of WHOI Author: GEOL.

**Jiang, Houshuo, and Thomas R. Osborn**

Hydrodynamics of copepods: A review. *Surv.Geophys.*, 25:339-370, 2004, doi: 10.1007/s10712-003-1282-6.

[Link to online article](#)

Department of WHOI Author: AOPE.

Contribution Number: **10721**

**Lamborg, Carl H., William F.Fitzgerald, Annelie Skoog, and Pieter T. Visscher**

The abundance and source of mercury-binding organic ligands in Long Island Sound. *Mar.Chem.*, 90:151-163, 2004, doi: 10.1016/j.marchem.2004.03.014.

[Link to online article](#)

Department of WHOI Author: MCG.

**Legg, Sonya**

A simple criterion to determine the transition from a localized convection to a distributed convection regime. *J.Phys.Oceanogr.*, 34:2843-2846, 2004, doi: 10.1175/JPO2653.1.

[Link to online article](#)

Department of WHOI Author: PO.

Contribution Number: **10981**

**Matsumoto, Takeshi, Sumio Miyashita, Shoji Arai, Tomoaki Morishita, Jin-ichiro Maeda, Hidenori Kumagai, Yukiko Ohtomo, and Henry J. B. Dick**

Magmatism and "crust-mantle boundary" on the ultra-slow spreading ridge as observed in Atlantis Bank, Southwest Indian Ridge [in Japanese]. *J.Geogr.*, 112:705-719, 2003.

Department of WHOI Author: GEOL.

**Scotti, Alberto, and Jesus Pineda**

Observation of very large and steep internal waves of elevation near the Massachusetts Coast. *Geophys.Res.Lett.*, 31,L22307,doi:10.1029/2004GL021052, 2004.

[Link to online article](#)

Department of WHOI Author: BIO.

**Sohn, Robert A., Spahr C. Webb, and John A. Hildebrand**

Fine-scale seismic structure of the shallow volcanic crust on the East Pacific Rise at 9°50'N. *J.Geophys.Res.*, 109,B12104,doi:10.1029/2004JB003152, 2004.

[Link to online article](#)

Department of WHOI Author: GEOL.

**Villinski, Jennifer C., John M. Hayes, Jeffrey T. Villinski, Simon C. Brassell, and Rudolf A. Raff**

Carbon-isotopic shifts associated with heterotrophy and biosynthetic pathways in direct- and indirect-developing sea urchins. *Mar.Ecol.Prog.Ser.*, 275:139-151, 2004.

[Link to online article](#)

Department of WHOI Author: GEOL.

**Walden, Barrie B., and Robert S. Brown**

A replacement for the Alvin submersible. *Mar.Technol.Soc.J.*, 38(2):85-91, 2004.

Department of WHOI Author: AOPE.

---

Compiled by: Ann Devenish  
MBLWHOI Library  
library@whoi.edu  
February 16, 2005