



WHOI Contributions to the Scientific Literature Monthly Activity Report

Articles in Preparation – May 2002

MBL/WHOI Library
Woods Hole, MA 02543

Aubry, Marie-Pierre, William A. Berggren, John A. Van Couvering, Jason Ali, Henk Brinkhuis, Benjamin Cramer, Dennis V. Kent, Carl C. Swisher, III, Christian Dupuis, Philip D. Gingerich, Claus Heilmann-Claus, Chris King, David J. Ward, Robert W. 'B. Knox, Khaled Ouda, Lowell D. Stott, and Medart Thiry.

Chronostratigraphic terminology at the Paleocene/Eocene boundary.

In: *Geological Society of America Special Paper*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **10710**

Beaulieu, Stace E.

Resuspension of phytodetritus from the sea floor: A laboratory flume study.

Limnol.Oceanogr., IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **10711**

Bower, Amy S. and David M. Fratantoni.

Gulf of Aden eddies and their impact on Red Sea water.

Geophys.Res.Lett., IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **10732**

Buessler, Ken O., Richard T. Barber, Mary-Lynn Dickson, Michael R. Hiscock, Jefferson Keith Moore, and Raymond Sambrotto.

The effect of marginal ice-edge dynamics on production and export in the Southern Ocean along 170°W. *Deep Sea Res. II*, IN PRESS.

Department of WHOI Author: CHEM.

Contribution Number: **10723**

Chu, Dezhang, Michael Jech, and Andone C. Lavery.

Inference of shape and behavioral information of individual fish from echo trace analysis.

J.Mar.Sci., IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **10708**

Dennett, Mark A., David A. Caron, Anthony F. Michaels, Scott M. Gallager, and Cabell S. Davis.

Video plankton recorder reveals high abundances of colonial radiolaria in surface waters on the central North Pacific. *J.Plank.Res.*, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **10616**

Detrick, R. S., J. M. Sinton, J. P. Canales, M. Behn, T. Blacic, B. Cushman, J. E. Dixon, D. W. Graham, and J. J. Mahoney.

Correlated geophysical, geochemical and volcanological manifestations of plume-ridge interaction along the Galapagos Spreading Center. *Geochem.Geophys.Geosyst.*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **10715**

Hinrichs, Kai-Uwe.

Microbial fixation of methane carbon at 2.7 Ga: Was an anaerobic mechanism possible? *Geochem.Geophys.Geosyst.*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **10709**

Hogg, N., D. Frye, and C. Wunsch.

Ultramoor: A new generation telemetering subsurface mooring surface.

Eos, IN PRESS.

Department of WHOI Author: PO. AOPE.

Contribution Number: **NONE**

Ivanov, Dmitry L. and Amelie H. Scheltema.

Prochaetodermatidae of the Indian Ocean collected during Soviet VITYAZ cruises 1959-1964 (*Mollusca, Aplacophora*). *Molluscan Res.*, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **10644**

Jian, Houshuo and Thomas R. Osborn.

Copepod hydrodynamics: A review. *Surv.Geophys.*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **10721**

Pizarro, Oscar and Hanumant Singh.

Towards large area mosaicing for underwater scientific applications.

IEEE J.Ocean.Eng., IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **10724**

Polzin, Kurt and Raffaele Ferrari.

Isopycnal dispersion in NATRE. *J.Phys.Oceanogr.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **10731**

Reeder, D. Benjamin, J. Michael Jech, and Timothy K. Stanton.

Broadband acoustic backscatter and high-resolution morphology of fish: Measurement and modeling. *JASA*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **10722**

Rutgers van der Loeff, Michiel, Ken Buesseler, Uli Bathmann, Inga Hense, and John Andrews.

Comparison of carbon and opal export rates between summer and spring bloom periods in the region of the Antarctic Polar Front, SE Atlantic.

Deep-Sea Res.II, IN PRESS.

Department of WHOI Author: MCG.

Contribution Number: **10730**

Solow, Andrew R., Karen A. Bjorndal, and Alan B. Bolten.

Annual variation in nesting numbers of marine turtles: The effect of sea surface temperature on remigration intervals. *Ecology Letters*, IN PRESS.

Department of WHOI Author: MPC.

Contribution Number: **10707**

Song, Jiasheng, Margaret Clagett-Dame, Richard E. Peterson, Mark E. Hahn, William M. Westler, Rafal R. Sincinski, and Hector F. DeLuca.

A novel ligand for the aryl hydrocarbon receptor isolated from lung.

Nature, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **10717**

Straneo, Fiammetta, Robert S. Pickart, and Kara Lavender.

Spreading of Labrador Sea water: An advective-diffusive study based on Lagrangian data. *Deep-Sea Res.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **10714**

Tivey, Margaret K., Albert M. Bradley, Terrence M. Joyce, and David Kadko.

Insights into tide-related variability at seafloor hydrothermal vents from time-series temperature measurements. *Earth Planet.Sci.Lett.*, IN PRESS.

Department of WHOI Author: CHEM.

Contribution Number: **10729**

Whie, S. N., A. D. Chave, C. T. Reynolds, and C. L. Van Dover.

Ambient light emission from hydrothermal vents on the mid-Atlantic Ridge.

Geophys.Res.Lett., IN PRESS.

Department of WHOI Author: DSL.

Contribution Number: **NONE**

**Wiebe, Peter H., Timothy K. Stanton, Charles H. Greene, Mark C. Benfield,
Heidi M. Sosik, Tom Austin, Joseph D. Warren, and Terry Hammar.**

BIOMAPER-II: An integrated instrument platform for coupled biological and physical
measurements in coastal and oceanic regimes.

IEEE J.Ocean.Eng., IN PRESS.

Department of WHOI Author: BIO. AOPE.

Contribution Number: **10655**

**Yang, Jiayan, Josefino Comiso, David Walsh, Richard Krishfield, and
Susumu Honjo.**

Storm-driven mixing and potential impact on the Arctic Ocean.

J.Geophys.Res., IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **10713**

Compiled by: Maureen Carragher
MBL/WHOI Library
library@whoi.edu
June 7, 2002