



WHOI Contributions to the Scientific Literature Monthly Activity Report

Articles in Preparation - January 1998

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Barbieri, Elena, Bruce J. Paster, Deborah Hughes, Ludek Zurek, Duane P. Moser, Andreas Teske, and Mitchell L. Sogin.

The bacterial community in the accessory nidamental gland and the egg case membranes of the squid *Loligo pealei*. *Appl. Environ. Microbiol.*, IN PRESS.
Contracts: WHOI Postdoctoral Fellowship.
Department of WHOI Author: BIO.
Contribution Number: **9626**

Brink, K.H.

Seasonal and spatial variability of the upper ocean response to monsoonal forcing. *EOS*, IN PRESS.
Contracts: ONR N00014-94-1022.
Department of WHOI Author: PO.
Contribution Number: **NONE**

Brink, K.H.

Chapter 28. Bibliography on the coastal ocean of northern North America and West Greenland. In: *The Sea*, Vol. 11. Kenneth H. Brink and Allan R. Robinson, eds. John Wiley & Sons, Inc., IN PRESS.
Contracts: OCE93-13670.
Department of WHOI Author: PO.
Contribution Number: **NONE**

Driscoll, N.W. and G.D. Karner.

Three-dimensional quantitative modeling of clinoform development.
Mar.Geol., IN PRESS.
Contracts: ONR N00014-96-1-0026, ONR N00014-94-1-0089.
Department of WHOI Author: GEOL.
Contribution Number: **9634**

Fornari, Daniel J., Rachel M. Haymon, Michael R. Perfit, Tracy K.P. Gregg, and Margo H. Edwards.

Axial summitt trough of the East Pacific Rise 9° to 10°N: Geological characteristics and evolution of the axial zone on fast-spreading mid-ocean ridges.
J.Geophys.Res., IN PRESS.
Contracts: OCE88-17658, OCE91-00508, OCE94-02360, OCE95-055384.
Department of WHOI Author: GEOL.
Contribution Number: **9643**

Francois, Roger, Mark A. Altabet, Ein-Fen Yu, Daniel M. Sigman, Michael P. Bacon, Martin Frank, Gerhard Bohrmann, Gilles Bareille, and Laurent D. Labeyrie.

Contribution of Southern Ocean surface-water stratification to low atmospheric CO₂ concentrations during the last glacial period. *Nature*, **389**:929-935.
Contracts: OCE92-00780, OCE95-03772, OCE95-31761.
Department of WHOI Author: MCG.
Contribution Number: **9622**

Gonzalez-Gil, Sonsoles, Bruce A. Keafer, Angeles Aguilera, and Donald M. Anderson.

Detection of endogenous alkaline phosphatase in marine dinoflagellates by epifluorescence microscopy. In: *Proceedings: Harmful Microalgae*. B. Reguera, J. Blanco, M.L. Fernandez and T. Wyatt, eds. Xunta del Galicia and IOC of UNESCO, 1997. IN PRESS.
Contracts: OCE-9415536, NA46-RG-0470, WHOI Sea Grant Project R/B-130, Ministerio de Educacion y Ciencia fellowships, PF94-7224875 and AP94-51384765.
Department of WHOI Author: BIO.
Contribution Number: **9632**

Helfrich, K., T.M. Joyce, G. Cannon, and S. Harrington.

Mean hydrographic and velocity sections near pipe organ vent at Juan De Fuca Ridge. *Geophys.Res.Lett.*, IN PRESS.
Contracts: OCE92-15342.
Department of WHOI Author: PO.
Contribution Number: **9640**

Joyce, Terrence M., Glenn A. Cannon, Karl R. Helfrich.

Vertical and temporal vorticity observations at Juan De Fuca Ridge.

Geophys.Res.Lett., IN PRESS.

Contracts: OCE92-15342.

Department of WHOI Author: PO.

Contribution Number: **9641**

Joyce, Terrence M., Robert S. Pickart, and Robert C. Millard.

Long-term hydrographic changes at 52 and 66°W in the North Atlantic subtropical gyre and Caribbean. *Deep Sea Res.*, IN PRESS.

Contracts: NSF OCE95-29607.

Department of WHOI Author: PO.

Contribution Number: **9635**

McGuire, W.J., R.J. Howarth, C.R.Firth, A.R. Solow, A.D. Pullens, S.J. Saunders, I.S. Stewart, and C. Vita-Finzi.

Correlation between rate of sea-level change and frequency of explosive volcanism in the Mediterranean. *Nature*, **389**:473-476.

Department of WHOI Author: MPC.

Contribution Number: **NONE**

Morrison, Archie T., III.

Near bottom velocity profile measurements using the BAS rake field prototype.

Sea Technol., IN PRESS.

Contracts: ONR N00014-96-0953.

Department of WHOI Author: AOPE.

Contribution Number: **9638**

Morrison, Archie T., III and Albert J. Williams, III.

Near bottom velocity profile measurements using the field prototype of the BASS rake wave bottom boundary layer sensor.

Proceedings of WAVES '97, IN PRESS.

Contracts: ONR ASSERT N00014-96-1-0953.

Department of WHOI Author: AOPE.

Contribution Number: **9639**

Perez, Catalina Castell, Suzanne Roy, Maurice Levasseur, and Donald M. Anderson.

Control of germination of *Alexandrium Tamarense* cysts from the lower St. Lawrence estuary (Canada). *Journal of Psychol.*, IN PRESS.

Contracts: NOAA NA36RM0190, WHOI Sea Grant Project R/B-121, Sea Grant College Program Office NA90-AA-D-SG480.

Department of WHOI Author: BIO.

Contribution Number: **9391**

Snelgrove, Paul V.R., Judith P. Grassle, and Cheryl Ann Butman.

Sediment choice by settling larvae of the bivalve, *Spisula solidissima* (Dillwyn) in flow and still water. *J.Exp.Mar.Biol. and Ecol.*, IN PRESS.

Contracts: OCE92-16114.

Department of WHOI Author: AOPE.

Contribution Number: **9642**

Yang, Jiayan.

On the importance of resolving the western boundary layer in wind-driven ocean general circulation models. *J.Phys.Oceanogr.*, IN PRESS.

Contracts: NSF OCE96-16951, NOAA NA56CP0209.

Department of WHOI Author: PO.

Contribution Number: **9636**

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