



WHOI Contributions to the Scientific Literature Monthly Activity Report

Articles in Preparation - July 1998

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Bachmayer, R., L. L. Whitcomb, and M. A. Grosenbaugh.

A four quadrant finite dimensional thruster model. *Oceans '98*, IN PRESS.
Department of WHOI Author: AOPE.
Contribution Number: **9749**

Bernston, Ewann A. and Scott C. France.

Generating DNA sequence information from museum collections of octocoral specimens (*Phylum Cnidaria*: Class Anthozoa).
Mol.Mar.Biol.Biotechnol., IN PRESS.
Department of WHOI Author: BIO.
Contribution Number: **9761**

Bernston, Ewann A., Scott C. France, and Lauren S. Mullineaux.

Phylogenetic relationships within the Class Anthozoa (*Phylum Cnidaria*) based on nuclear 18S rDNA sequence information. *Mol.Mar.Biol.Biotechnol.*, IN PRESS.
Department of WHOI Author: BIO.
Contribution Number: **9762**

Brink, K. H. and J. S. Allen.

Comments on "The non-wavelike response of a continental shelf to wind."
J.Mar.Res., IN PRESS.
Department of WHOI Author: PO.
Contribution Number: **NONE**

Caron, David A. and Mark R. Dennett.

Phytoplankton growth and mortality during the 1995 Northeast Monsoon and Spring Intermonsoon in the Arabian Sea. *Deep-Sea Res.*, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **9752**

Dennett, Mark R., David A. Caron, Sergey A. Murzov, Igor G. Polikarpov, Nelli A. Gavrilov, Ludmilla V. Georgieva, and Ludmila V. Kuzmenko.

Abundance and biomass of nano- and microplankton during the 1995 Northeast Monsoon and Spring Intermonsoon in the Arabian Sea.

Deep-Sea Res., IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **9753**

Driscoll, Neal W. and John B. Diebold.

Deformation of the Caribbean region: One plate or two? *Geology*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **9754**

Fratantoni, David M., Rainer J. Zantopp, William E. Johns, and Jerry L. Miller.

Updated bathymetry of the Anegada-Jungfern Passage complex and implications for Atlantic inflow to the abyssal Caribbean Sea. *J.Mar.Res.*, 55:847-860, 1997.

Department of WHOI Author: PO.

Contribution Number: **9414**

Lim, E. L., M. Dennett, and D. A. Caron.

The ecology of *Paraphysomonas imperforata* based on studies employing oligonucleotide probe identification in coastal water samples and enrichment cultures. *Limnol.Oceanogr.*, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **9760**

Lizarralde, Daniel and Steve Swift.

Smooth inversion of VSP travelttime data. *Geophysics*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **9756**

Schulz, H. N., T. Brinkhoff, T. G. Ferdelman, M. Hernandez Marine, A. Teske, and B. B. Jorgensen.

Giant sulphur bacteria discovered in Namibian shelf sediments.

Nature, IN PRESS.

Department of WHOI Author: BIO., .

Contribution Number: **9751**

Sigman, Daniel M., Daniel C. McCorkle, and William R. Martin.

The calcite lysocline as a constraint on glacial/interglacial low-latitude production changes. *Biogeochem. Cycles*, IN PRESS.

Department of WHOI Author: GEOL., MCG.

Contribution Number: **9728**

Sisson, John D., Jeff Shimeta, and Cheryl Ann Butman.

A method for mapping epibenthic assemblages and sedimentary features with meter-scale resolution over kilometer-scale areas of the shallow subtidal.

Mar. Ecol. Prog. Ser., IN PRESS, .

Department of WHOI Author: AOPE., .

Contribution Number: **9755**

Steele, John.

Incorporating the microbial loop in a simple plankton model.

Proc.R.Soc., IN PRESS.

Department of WHOI Author: MPC.

Contribution Number: **9740**

Steele, John H.

From carbon flux to regime shift. *Fish.Oceanogr.*, IN PRESS.

Department of WHOI Author: MPC.

Contribution Number: **9750**

Taroncher-Oldenburg, Gaspar and Donald M. Anderson.

Identification and characterization of up- and down-regulated genes during saxitoxin biosynthesis in *Alexandrium Fundyense* (Dinophyceae).

J.Phycol., IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **9757**

Taroncher-Oldenburg, Gaspar, David M. Kulis, and Donald M. Anderson.

Coupling of saxitoxin biosynthesis to the G₁ phase of the cell cycle in the dinoflagellate *Alexandrium fundyense*: temperature and nutrient effects.

Toxicon, IN PRESS.

Department of WHOI Author: BIO., .

Contribution Number: **9758**

Compiled by: Maureen Carragher
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