



WHOI Contributions to the Scientific Literature Monthly Activity Report

Articles in Preparation - August 1998

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Arbic, Brian and W. Brechner Owens.

Warming of Atlantic Intermediate Waters. *Nature*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **9764**

Baumgartner, Mark F. and Steven P. Anderson.

Evaluation of NCEP regional numerical weather prediction model surface fields over the Middle Atlantic Bight. *J.Geophys.Res.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **9765**

Bowen, Andrew D.

Equipment configuration and survey techniques for the MV Derbyshire survey, 1997.

In: Proceedings MTS '98, 16-19 Nov., 1998. Baltimore, MD. Marine Technology Society, Washington, D.C., IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **9781**

Brinkhoff, Thorsten, Gerard Muyzer, Carl O. Wirsen, and Jan Kuever.

Characterization of *Thiomicrospira chilensis* sp. nov., a mesophilic obligately chemolithoautotrophic sulfur-oxidizing bacterium isolated from a *Thioploca* mat.

Int.J.Systm.Bacteriology, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **9773**

Caron, David A., Rebecca J. Gast, Ee Lin Lim, and Mark R. Dennett.

Protistan community structure: Molecular approaches for answering ecological questions.
Hydrobiologia, IN PRESS.
Department of WHOI Author: BIO.
Contribution Number: **9776**

Colosi, John A.

Outstanding issues in ocean acoustic wave propagation in random media: Basin scales.
IEEE J.Oceanic Eng., IN PRESS.
Department of WHOI Author: BIO.
Contribution Number: **9769**

**Greene, Charles H., Peter H. Wiebe, Chris Pelkie, Mark C. Benfield,
and Jacqueline M. Popp.**

Three-dimensional acoustic visualization of zooplankton patchiness.
Deep-Sea Res., IN PRESS.
Department of WHOI Author: BIO.
Contribution Number: **9766**

Howland, Jonathan C.

Imagery collection and mosaicking, Derbyshire survey 1997.
In: Proceedings MTS '98, 16-19 Nov., 1998. Baltimore, MD. Marine Technology
Society, Washington, D.C., IN PRESS.
Department of WHOI Author: AOPE.
Contribution Number: **9782**

Irish, James D., Walter Paul, and John Borden.

Next generation ocean observing buoy in support of NASA's earth science enterprise.
Ocean Community Conference, IN PRESS.
Department of WHOI Author: AOPE.
Contribution Number: **9774**

Lentz, Steven J., R. T. Guza, Steve Elgar, Falk Feddersen, and T. H. C. Herbers.

Momentum balances on the North Carolina Inner Shelf. *J.Geophys.Res.*, IN PRESS.
Department of WHOI Author: PO.
Contribution Number: **9780**

Lerner, Steven A.

Data monitoring, access, and analysis systems for the MV Derbyshire survey, 1997.
In: Proceedings MTS '98, 16-19 Nov., 1998. Baltimore, MD. Marine Technology
Society, Washington, D.C., IN PRESS.
Department of WHOI Author: AOPE.
Contribution Number: **9783**

Norris, Richard D. and Paul A. Wilson.

Low-latitude sea-surface temperatures for the mid-Cretaceous and the evolution of planktic foraminifera. *Bull.Geol.Soc.Am.*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **NONE**

Powell, Wade H., Sibel I. Karchner, Rachel Bright, and Mark E. Hahn.

Functional diversity of vertebrate ARNT proteins: Identification of ARNT2 as the predominant form of ARNT in the marine teleost, *Fundulus heteroclitus*.

J.Biol.Chem., IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **9768**

Stanton, Timothy K.

On acoustic scattering by a shell-covered seafloor. *J.Acoust.Soc.Am.*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **9767**

Tivey, Maurice, A., H. Paul Johnson, Corinne Fleutelot, Stefan Hussenoeder, Roisin Lawrence, Cheryl Waters, and Beecher Wooding.

Direct measurement of magnetic reversal polarity boundaries in a cross-section of oceanic crust. *Geophys.Res.Lett.*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **9778**

Wylie, Jonathan J.Karl R. HelfrichBrian DadeJohn R. Lister.

Flow localization in fissure eruptions. *J.Volcanol.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **9763**

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