



## WHOI Contributions to the Scientific Literature Monthly Activity Report

### Articles Received in September 1999

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**Anderson, Donald M., David M. Kulis, Bruce A. Keafer, and Elisa Berdalet.**

Detection of the toxic dinoflagellate *Alexandrium fundyense* (Dinophyceae) with oligonucleotide and antibody probes: Variability in labeling intensity with physiological condition. *J. Phycol.*, 35:87-883, 1999.

Department of WHOI Author: BIO.

Contribution Number: **9908**

**Atkins, Michael S., Roger O. Anderson, and Carl O. Wirsen.**

Effect of hydrostatic pressure on the growth rates and encystment of flagellated protozoa isolated from a deep-sea hydrothermal vent and a deep shelf region. *Mar. Ecol. Prog. Ser.*, 171:85-95, 1998.

Department of WHOI Author: BIO.

Contribution Number: **9715**

**Austin, Jay A.**

The relationship between synoptic weather systems and meteorological forcing on the North Carolina inner shelf. *J. Geophys. Res.*, 104(C8):18159-18185, 1999.

Department of WHOI Author: PO.

Contribution Number: **9417**

**Austin, Jay A.**

The role of the alongshore wind stress in the heat budget of the North Carolina inner shelf. *J. Geophys. Res.*, 104(C8):18187-18203, 1999.

Department of WHOI Author: PO.

Contribution Number: **9559**

**Bains, Santo, Richard M. Corfield, and Richard D. Norris.**

Mechanisms of climate warming at the end of the the Paleocene. *Science*, 285:724-727, 1999.

Department of WHOI Author: GEOL.

Contribution Number: **NONE**

**Baumgartner, Mark F. and Steven P. Anderson.**

Evaluation of regional numerical weather prediction model surface fields over the Middle Atlantic Bight. *J.Geophys.Res.*, 104(C8):18141-18158, 1999.

Department of WHOI Author: PO.

Contribution Number: **9765**

**Caron, David A., Ee Lin Lim, Mark R. Dennett, Rebeca J. Gast, Carol Kosman, and Edward F. DeLong.**

Molecular phylogenetic analysis of the heterotrophic chrysophyte genus *Paraphysomonas*, and the design of rRNA-targeted oligonucleotide probes for two species. *J.Phycol.*, 35:824-837, 1999.

Department of WHOI Author: BIO.

Contribution Number: **9842**

**Colosi, John A., A. B. Baggeroer, T. G. Birdsall, C. Clark, B. D. Cornuell, D. Costa, B. D. Dushaw, A. M. Dzieciuch, Forbes, A. M. G., B. M. Howe, D. Menemenlis, J. A. Mercer, K. Metzger, W. Munk, R. C. Spindel, P. F. Worcester, and C. Wunsch.**

A review of recent results in ocean acoustic wave propagation in random media: Basin scales. *IEEE J.Oceanic Eng.*, 24(2):138-155, 1999.

Department of WHOI Author: AOPE.

Contribution Number: **9769**

**Conte, Maureen H., Anthony Thompson, David Lesley, and Roger P. Harris.**

Genetic and physiological influences on the alkenone/alkenoate versus growth temperature relationship in *Emiliania huxleyi* and *Gephyrocapsa oceanica*.

*Geochim.Cosmochim.Acta*, 62(1):51-68, 1998.

Department of WHOI Author: MCG.

Contribution Number: **9571**

**Dacey, John W. H., Frances A. Howse, Anthony F. Michaels, and Stuart G. Wakeham.**

Temporal variability of dimethylsulfide and dimethylsulfoniopropionate in the Sargasso Sea. *Deep-Sea Res.I*, 45:2085-2104, 1998.

Department of WHOI Author: BIO.

Contribution Number: **NONE**

**Ganeshram, Raja S., Stephen E. Calvert, Thomas F. Pedersen, and Gregory L. Cowie.**

Factors controlling the burial of organic carbon in laminated and bioturbated sediments off NW Mexico: Implications for hydrocarbon preservation.

*Geochim.Cosmochim.Acta*, 63(11/12):1723-1734, 1999.

Department of WHOI Author: MCG.

Contribution Number: **NONE**

**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.*,  
104(C8):18205-18226, 1999.

Department of WHOI Author: PO.

Contribution Number: **9780**

**Pringle, James M. and Kenneth H. Brink.**

High frequency internal waves on a sloping shelf.

*J.Geophys.Res.*, 104(C3):5283-5299, 1999.

Department of WHOI Author: PO.

Contribution Number: **9600**

**Raubenheimer, B., R. T. Guza, and Steve Elgar.**

Tidal water table fluctuations in a sandy ocean beach.

*Water Resour.Res.*, 35(8):2313-2320, 1999.

Department of WHOI Author: AOPE.

Contribution Number: **NONE**

**Rogerson, A.M.**

Transcritical flows in the coastal marine atmospheric boundary layer.

*J.Atmos.Sci.*, 56:2761-2779, 1999.

Department of WHOI Author: PO.

Contribution Number: **9608**

**Wylie, J. J., K. R. Helfrich, B. Dade, J. R. Lister, and J. F. Salzig.**

Flow localization in fissure eruptions. *J.Volcanol.*, 60:432-440, 1999.

Department of WHOI Author: PO.

Contribution Number: **9763**

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