



WHOI Contributions to the Scientific Literature Monthly Activity Report

Articles Received in March 1999

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Barbeau, Myriam A. and Hal Caswell.

A matrix model for short-term dynamics of seeded populations of sea scallops.
Ecol.Appl., 91(1):266-287, 1999.
Department of WHOI Author: BIO.
Contribution Number: **9658**

Bokhove, Onno and E. R. Johnson.

Hybrid coastal and interior modes for two-dimensional homogeneous flow in a cylindrical ocean. *J.Phys.Oceanogr.*, 29:93-118, 1999.
Department of WHOI Author: PO.
Contribution Number: **9551**

Chen, Changsheng and Robert C. Beardsley.

Tidal mixing and cross-frontal particle exchange over a finite amplitude asymmetric bank: A model study with application to Georges Bank.
J.Mar.Res., 56:1163-1201, 1998.
Department of WHOI Author: PO.
Contribution Number: **NONE**

Churchill, James H. and Thomas J. Berger.

Transport of Middle Atlantic bight shelf water to the Gulf Stream near Cape Hatteras. *J.Geophys.Res.*, 103(C13):30605-30621, 1998.
Department of WHOI Author: PO.
Contribution Number: **NONE**

Conte, Maureen.

The oceanic flux program: Twenty years of particle flux measurements in the deep Sargasso Sea. *Oceanus*, 40(2):15-19, 1997.
Department of WHOI Author: GEOL.
Contribution Number: **NONE**

Curry, William B. and Dorinda R. Ostermann.

Ground-truthing the Paleoclimate record. *Oceanus*, 40(2):11-14, 1997.

Department of WHOI Author: GEOL.

Contribution Number: **NONE**

Francois, Roger and Michael P. Bacon.

Geochemical archives encoded in deep-sea sediments offer clues for reconstructing ocean's role in past climatic changes. *Oceanus*, 40(2):29-32, 1997.

Department of WHOI Author: MCG.

Contribution Number: **NONE**

Goyet, C., C. Coatanoan, G. Eischeid, T. Amaoka, K. Okuda, R. Healy, and S. Tsunogai.

Spatial variation of total CO₂ and total alkalinity in the northern Indian Ocean: A novel approach for the quantification of anthropogenic CO₂ in seawater.

J.Mar.Res., 57:135-163, 1999.

Department of WHOI Author: MCG.

Contribution Number: **9786**

Hogg, Nelson G., Gerold Siedler, and Walter Zenk.

Circulation and variability at the southern boundary of the Brazil Basin.

J.Phys.Oceanogr., 29:145-157, 1999.

Department of WHOI Author: PO.

Contribution Number: **9558**

Honjo, Susumu.

Marine snow and fecal pellets: The spring rain of food to the abyss.

Oceanus, 40(2):2-3, 1997.

Department of WHOI Author: GEOL.

Contribution Number: **NONE**

Honjo, Susumu.

The rain of ocean particles and Earth's carbon cycle. *Oceanus*, 40(2):4-7, 1997.

Department of WHOI Author: GEOL.

Contribution Number: **NONE**

Honjo, Susumu.

Catching the rain: Sediment trap technology. *Oceanus*, 40(2):8-9, 1997.

Department of WHOI Author: GEOL.

Contribution Number: **NONE**

Honjo, Susumu and Robert A. Weller.

Monsoon winds and carbon cycles in the Arabian Sea.

Oceanus, 40(2):24-28, 1997.

Department of WHOI Author: GEOL. PO.

Contribution Number: **NONE**

Humphris, Susan E.

Rare earth element composition of anhydrite: Implications for deposition and mobility within the active tag hydrothermal mound.

Proc.Ocean Drilling Program, Scientific Results , Leg 158, 158:143-159, 1998.

Department of WHOI Author: GEOL.

Contribution Number: **9377**

McGillicuddy, D.J., Jr., D. R. Lynch, A. M. Moore, W. C. Gentlemen, C. S. Davis, and C. J. Meise.

An adjoint data assimilation approach to the estimation of *Pseudocalanus* spp. population dynamics in the Gulf of Maine - Georges Bank region.

Fish.Oceanogr., 7(3/4):205-218, 1998.

Department of WHOI Author: AOPE. AOPE

Contribution Number: **9688**

Pickart, Robert S., Daniel J. Torres, Theresa K. McKee, Michael J. Caruso, and Jennifer E. Przystup.

Diagnosing a meander of the shelfbreak current in the Middle Atlantic Bight.

J.Geophys.Res., 104(C2):3121-3132, 1999.

Department of WHOI Author: PO.

Contribution Number: **9574**

Pineda, Jesus and Hal Caswell.

Bathymetric species-diversity patterns and boundary constraints on vertical range distributions. *Deep-Sea Res.II*, 45:83-101, 1998.

Department of WHOI Author: BIO.

Contribution Number: **9556**

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.*, 231:171-190, 1998.

Department of WHOI Author: AOPE.

Contribution Number: **9642**

**Stothard, D. R., J. Diedrich-Schroeder, M. H. Awwad, R. J. Gast, D. R. Ledee,
S. Rodriguez-Zaragoza, C. L. Dean, P. A. Fuerst, and T. J. Byers.**

The evolutionary history of the genus *Acathamoeba* and the identification of eight new 18S rRNA gene sequence types. *J.Eukaryot.Microbiol.*, 45(1):45-54, 1998.

Department of WHOI Author: BIO.

Contribution Number: **NONE**

Valdes, James R., Ken O. Buesseler, and James F. Price.

A new way to catch the rain. *Oceanus*, 40(2):33-35, 1997.

Department of WHOI Author: PO. MCG.

Contribution Number: **NONE**

Wheatcroft, Robert A., Victoria R. Starczak, and Cheryl Ann Butman.

The impact of population abundance on the deposit-feeding rate of a cosmopolitan polychaete worm. *Limnol.Oceanogr.*, 43(8):1948-1953, 1998.

Department of WHOI Author: AOPE.

Contribution Number: **9587**

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