



WHOI Contributions to the Scientific Literature Monthly Activity Report

Articles in Preparation – September 2004

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Chu, D., K. G. Foote, T. R. Hammar, L. C. Hufnagle, Jr., and J. M. Jech

Calibrating s 90-kHz sonar: illustrating protocols. *Oceans '04*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **11223**

Donnelly, Jeffrey P.

Evidence of past intense tropical cyclones from backbarrier salt pond sediments: a case study from Isla de Culebrita, Puerto Rico, USA. *J.Coast.Res.*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **11224**

Donnelly, Jeffrey P.

A revised late holocene sea-level record for northern Massachusetts, USA. *J.Coast.Res.*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **11225**

Donnelly, Jeffrey P., Neal W. Driscoll, Elazar Uchupi, Lloyd D. Keigwin, William C. Schwab, E. Robert Thieler, and Stephen A. Swift

Catastrophic meltwater discharge down the Hudson River Valley: a potential trigger for the Intra-Allerod Cold Period. *Geology*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **11237**

Fratantoni, David M., and Philip L. Richardson

The evolution and demise of North Brazil Current Rings. *J.Phys.Oceanogr.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **11232**

Fripp, Deborah

Bubblestream-whistles are not representative of a bottlenose dolphin's vocal repertoire.
Mar.Mamm.Sci., IN PRESS.
Department of WHOI Author: BIO.
Contribution Number: **11158**

Govindarajan, Annette, Stefano Piraino, Cinzia Gravili, and Shin Kubota

Species identification of bivalve-inhibiting marine hydrozoans of the genus *Eugymnanthea*.
Invertebr.Biol., IN PRESS.
Department of WHOI Author: BIO.
Contribution Number: **11180**

Hughen, K. A., P. J. Reimer, et al.

INTCAL04 Marine Radiocarbon Age Calibration, 26-0 ka BP. *Radiocarbon*, IN PRESS.
Department of WHOI Author: MCG.
Contribution Number: **11176**

Humphris, Susan E., and Wolfgang Bach

On the Sr isotope and REE compositions of anhydrites in the TAG seafloor hydrothermal system. *Geochim.Cosmochim.Acta*, IN PRESS.
Department of WHOI Author: GEOL.
Contribution Number: **11238**

Hunter, Christine M., and Hal Caswell

Selective harvest of sooty shearwater chicks: effects on population dynamics and sustainability.
J.Anim.Ecol., IN PRESS.
Department of WHOI Author: BIO.
Contribution Number: **11202**

Hunter, Christine M., and Hal Caswell

The use of the vee-permutation matrix in spatial matrix population models. *Ecol.Modell.*, IN PRESS.
Department of WHOI Author: BIO.
Contribution Number: **11200**

Hyatt, J., M. Visbeck, R. Beardsley, and W. B. Owens

Measuring sea ice coverage, velocity and draft using a moored upward-looking acoustic Doppler current profiler (ADCP). *J.Atmos.Ocean.Technol.*, IN PRESS.
Department of WHOI Author: PO.
Contribution Number: **11231**

Kaiser, Michel J.

Marine protected areas: the importance of being earnest. *J.Fish Biol.*, IN PRESS.
Department of WHOI Author: MPC.
Contribution Number: **11234**

Koeberl, Christian, Ken Farley, Bernhard Peucker-Ehrenbrink, and Mark Sephton

Geochemistry of the end-Permian extinction event in Austria and Italy: no evidence for an extraterrestrial component. *Geology*, IN PRESS.
Department of WHOI Author: MCG.
Contribution Number: **11218**

Kvassnes, A. J. S., A. H. Strand, H. Moen-Eikeland, and R. B. Pedersen

The Lyngen Gabbro: the lower crust of an Ordovician Incipient Arc. *Contrib.Mineral.Petrol.*, IN PRESS.
Department of WHOI Author: GEOL.
Contribution Number: **11229**

Lund, D. C., and W. B. Curry

Late Holocene variability in Florida Current surface density: patterns and possible causes. *Paleoceanography*, IN PRESS.
Department of WHOI Author: GEOL.
Contribution Number: **11236**

Moore, Michael, Lisa Lefkovitz, Maury Hall, Robert Hillman, David Mitchell, and Jay Burnett

Reduction in organic contaminant exposure and resultant hepatic hydropic vacuolation in winter flounder (*Pseudopleuronectes americanus*) following improved effluent quality and relocation of the Boston sewage outfall into Massachusetts Bay, USA: 1987-2003, *Mar.Pollut.Bull.* IN PRESS.
Department of WHOI Author: BIO.
Contribution Number: **11213**

Parks, S. F., and P. L. Tyack

Sound production by North Atlantic right whales (*Eubalaena glacialis*) in surface active groups. *J.Acoust.Soc.Am.*, IN PRESS.
Department of WHOI Author: BIO.
Contribution Number: **11199**

Proehl, Jeffrey A., Daniel R. Lynch, and Dennis J. McGillicuddy, Jr.

Modeling turbulent dispersion on the North Flank of Georges Bank using lagrangian particle methods. *Cont.Shelf Res.*, IN PRESS.
Department of WHOI Author: AOPE.
Contribution Number: **11239**

Reimer, P. J., K. A. Hughen, et al.

INTCAL04 Terrestrial Radiocarbon Age Calibration, 26-0 ka BP. *Radiocarbon*, IN PRESS.
Department of WHOI Author: MCG.
Contribution Number: **11175**

Scheltema, Amelie H., and Cristoffer Schander

The importance of nonmineralized sclerites in the aplacophoran *Notomenia clavigera* Thiele in interpreting the fossil record (Mollusca, Neomeniomorpha). *Molluscan Res.*, IN PRESS.
Department of WHOI Author: BIO.
Contribution Number: **11203**

Shuman, Bryan, Paige Newby, Jeffrey P. Donnelly, Alison Tarbox, and Thompson Webb, III

A record of late-quaternary moisture-balance change and vegetation response from the White Mountains, New Hampshire. *AAG Annals*, IN PRESS.
Department of WHOI Author: GEOL.
Contribution Number: **11226**

Simmons, S. L., S. M. Sievert, R. B. Frankel, and D. A. Bazylinski

Spatio-temporal distribution of marine magnetotactic bacteria in a seasonally stratified coastal salt pond. *Appl. Environ. Microbiol.*, IN PRESS.
Department of WHOI Author: MCG.
Contribution Number: **11168**

Teal, John M., and Lee Weishar

Delaware Bay salt march restoration: ecological engineering, adaptive management and restoration management. *Ecol. Eng.*, IN PRESS.
Department of WHOI Author: BIO.
Contribution Number: **11188**

Tucholke, Brian E.

Seafloor geology of the geologic map of North America. In: *Geologic Map of North America [map]*. Boulder, CO: Geological Society of America, IN PRESS.
Department of WHOI Author: GEOL.
Contribution Number: **11235**

Vetter, Walter, Mark E. Hahn, Gregg Tomy, Steffen Ruppe, Sandra Vatter, Naima Chahbane, Dieter Lenoir, Karl-Werner Schramm, and Gerd Scherer

Biological activity and physico-chemical parameters of the marine halogenated natural products 2,3,3',4,4',5,5'-heptachloro-2'-methyl-1,2'-bipyrrole (Q1) and 2,4,6-tribromoanisole. *Arch. Environ. Contam. Toxicol.*, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **11169**

Ward, Brian, and Peter J. Minnett

Measurements of near surface temperature. *J. Geophys. Res.*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **11228**

Weishar, Lee L., John M. Teal, and Ray Hinkle

Delaware Bay salt marsh restoration: designing a large scale wetland restoration. *Ecol. Eng.*, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **11190**

Weishar, Lee L., John M. Teal, and Ray Hinkle

Delaware Bay salt marsh restoration: stream order analysis in marsh restoration. *Ecol. Eng.*, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **11189**

Williams, Albert J., III

A solid state tilt meter for current meter attitude determination. *Oceans '04*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **11222**

Wolfe, Christopher, and Claudia Cenedese

Laboratory experiments on eddy generation by a buoyant coastal current flowing over variable bathymetry. *J. Phys. Oceanogr.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **11230**

Yang, Jiayna, and Terry Joyce

Local and equatorial forcing of seasonal variations of the North Equatorial Countercurrent in the Atlantic Ocean. *J.Phys.Oceanogr.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **11233**

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