



WHOI Contributions to the Scientific Literature Monthly Activity Report

Articles Received in August 2003

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Baumgartner, Mark

Comparisons of *Calanus finmarchicus* fifth copepodite abundance estimates from nets and an optical plankton counter. *J.Plankton Res.*, 25(7):855-868, 2003.
Department of WHOI Author: BIO.

Belkin, Igor, and Mike Spall

New old frontier: ocean fronts. *Dyn.Atmos.Oceans*, 36:1-2, 2002.
Department of WHOI Author: PO.

Berloff, Pavel S., and James C. McWilliams

Material transport in oceanic gyres. Part III: Randomized stochastic models.
J.Phys.Oceanogr., 33:1416-1445, 2003.
Department of WHOI Author: PO.

Bowen, Melissa, and W. Rockwell Geyer

Salt transport and the time-dependent salt balance of a partially-stratified estuary.
J.Geophys.Res., 108(C5),3158,doi:10.1029/2001JC001231, 2003.
Department of WHOI Author: AOPE.

Chu, Dezhang, Peter H. Wiebe, Nancy J. Copley, Gareth L. Lawson, and Velmurugu Puvanendran

Material properties of North Atlantic cod eggs and early-stage larvae and their influence on acoustic scattering. *ICES J.Mar.Sci.*, 60:508-515, 2003.
Department of WHOI Author: AOPE.
Contribution Number: **10666**

DuRand, Michele D., Rebecca E. Green, Heidi M. Sosik, and Robert J. Olson

Diel variations in optical properties of *Micromonas pusilla* (Prasinophyceae). *J. Phycol.*, 38:1132-1142, 2002.

Department of WHOI Author: BIO.

Contribution Number: **10608**

Feddersen, Falk, E. L. Gallagher, R. T. Guza, and Steve Elgar

The drag coefficient, bottom roughness, and wave-breaking in the nearshore. *Coastal Eng.*, 48:189-195, 2003.

Department of WHOI Author: AOPE.

Contribution Number: **10286**

Fratantoni, P. S., and R. S. Pickart

Variability of the shelf break jet in the Middle Atlantic Bight: Internally or externally forced? *J. Geophys. Res.*, 108(C5),3166,doi:10.1029/2002JC001326, 2003.

Department of WHOI Author: PO.

Contribution Number: **10650**

Ganeshram, Raja S., Roger Francois, Judy Commeau, and Susan L. Brown-Leger

An experimental investigation of barite formation in seawater. *Geochim. Cosmochim. Acta*, 67:2599-2605, 2003.

Department of WHOI Author: MCG.

Contribution Number: **10845**

Godhe, Anna, Donald M. Anderson, and Ann-Sofi Rehnstam-Holm

PCR amplification of microalgal DNA for sequencing and species identification: Studies on fixatives and algal growth stages. *Harmful Algae*, 1:375-382, 2002.

Department of WHOI Author: BIO.

Contribution Number: **10779**

Helfrich, Karl R., and Jesus Pineda

Accumulation of particles in propagating fronts. *Limnol. Oceanogr.*, 48:1509-1520, 2003.

Department of WHOI Author: PO. BIO.

Contribution Number: **10818**

Hoagland, Porter, Di Jin, and Hauke Kite-Powell

The optimal allocation of ocean space: Aquaculture and wild-harvest fisheries.

Mar. Resour. Econ., 18:129-148, 2003.

Department of WHOI Author: MPC.

Contribution Number: **10932**

Huang, Rui Xin, and Joseph Pedlosky

On aliasing Rossby waves induced by asynchronous time stepping. *Ocean Model.*, 5:65-76, 2002.

Department of WHOI Author: PO.

Contribution Number: **10423**

Jin, Di, Porter Hoagland, and Hauke L. Kite-Powell

A model of the optimal scale of open-ocean aquaculture. In: *Open-Ocean Aquaculture: From Research to Commercial Reality*. C. Bridger and B. Costa-Pierce, eds. Baton Rouge, LA: World Aquaculture Society, :55-63, 2003.

Department of WHOI Author: MPC.

Kite-Powell, Hauke L., Porter Hoagland, and Di Jin

Economics of open ocean grow-out of shellfish in New England: Sea scallops and blue mussels. In: *Open-Ocean Aquaculture: From Research to Commercial Reality*. C. J. Bridger and B. A. Costa-Pierce, eds. Baton Rouge, LA: World Aquaculture Society, :293-306, 2003.

Department of WHOI Author: MPC.

Kite-Powell, Hauke L., Porter Hoagland, Di Jin, and Kimberly Murray

Open ocean grow-out of finfish in New England: A bioeconomic model. In: *Open-Ocean Aquaculture: From Research to Commercial Reality*. C. J. Bridger and B. A. Costa-Pierce, eds. Baton Rouge, LA: World Aquaculture Society, :319-324, 2003.

Department of WHOI Author: MPC.

MacLeod, C. J., J. Escartin, D. Banerji, G. J. Banks, M. Gleeson, D. H. B. Irving, R. M. Lilly, A. M. McCaig, Y. Niu, S. Allerton, and D. K. Smith

Direct geological evidence for oceanic detachment faulting: The Mid-Atlantic Ridge, 15°45'N. *Geology*, 30(10):879-882, 2002.

Department of WHOI Author: GEOL.

Martin Traykovski, Linda V., and Heidi M. Sosik

Feature-based classification of optical water types in the Northwest Atlantic based on satellite ocean color data. *J.Geophys.Res.*, 108(C5),3150,doi:10.1029/2001JC001172, 2003.

Department of WHOI Author: BIO.

Contribution Number: **10530**

Michael, P. J., C. H. Langmuir, H. J. B. Dick, J. E. Snow, S. L. Goldstein, D. W. Graham, K. Lehnert, G. Kurras, W. Jokat, R. Muhe, and H. N. Edmonds

Magmatic and amagmatic seafloor generation at the ultraslow-spreading Gakkel ridge, Arctic Ocean. *Nature*, 423:956-965, 2003.

Department of WHOI Author: GEOL.

Pickart, Robert S., Michael A. Spall, Mads Hvid Ribergaard, G. W. K. Moore, and Ralph F. Miliff,

Deep convection in the Irminger Sea forced by the Greenland tip jet. *Nature*, 424:152-156, 2003.

Department of WHOI Author: PO.

Contribution Number: **10918**

Quillevere, Frederic, Marie-Pierre Aubry, Richard D. Norris, and William A. Berggren

Paleocene oceanography of the eastern subtropical Indian Ocean: An integrated magnetobiostratigraphic and stable isotope study of ODP Hole 761B (Wombat Plateau). *Palaeogeogr.Palaeoclimatol.Palaeoecol.*, 184:371-405, 2002.

Department of WHOI Author: GEOL.

Roman, M. R., H. A. Adolf, M. R. Landry, L. P. Madin, D. K. Steinberg, and X. Zhang

Estimates of oceanic mesozooplankton production: A comparison using the Bermuda and Hawaii time-series data. *Deep-Sea Res.II*, 49:175-192, 2002.

Department of WHOI Author: BIO.

Schander, Christoffer, and Per Sundberg

Useful characters in gastropod phylogeny: Soft information or hard facts? *Syst.Biol.*, 50(1):136-141, 2001.

Department of WHOI Author: BIO.

Contribution Number: **9946**

Schander, Christoffer, Kenneth M. Halanych, Thomas Dahlgren, and Per Sundberg

A test of the monophyly of Odostominae and Turbonilliane (Gastropoda, Heterobranchia, Pyramidellidae) based on 16S mtDNA sequences. *Zool.Scr.*, 32(3):243-254, 2003.

Department of WHOI Author: BIO.

Contribution Number: **10747**

Solow, Andrew R., and David L. Roberts

A nonparametric test for extinction based on a sighting record. *Ecology*, 84:1329-1332, 2003.

Department of WHOI Author: MPC.

Contribution Number: **10648**

Solow, Andrew R., Lewi Stone, and Ian Rozdilsky

A critical smoothing test for multiple equilibria. *Ecology*, 84:1459-1463, 2003.
Department of WHOI Author: MPC.

Stojanovic, G., S. Hughey, C. M. Reddy, R. Palic, S. Alagic, and M. Misic

A comparative analysis of the alkanes of *Yake*, *Prilep*, and *Otlja tabaccos*.
Biochem.Syst.Ecol., 31:1215-1218, 2003.
Department of WHOI Author: MCG.
Contribution Number: **10869**

Tzedakis, P. C., J. F. McManus, H. Hooghiemstra, D. W. Oppo, and T. A. Wijmstra

Comparison of changes in vegetation in northeast Greece with records of climate variability on orbital and suborbital frequencies over the last 450 000 years. *Earth Planet.Sci.Lett.*, 212:197-212, 2003.
Department of WHOI Author: GEOL.

White, Scott M., Rachel M. Haymon, Daniel J. Fornari, Michael R. Perfit, and Ken C. Macdonald

Correlation between volcanic and tectonic segmentation of fast-spreading ridges: Evidence from volcanic structures and lava flow morphology on the East Pacific Rise at 9°-10°N.
J.Geophys.Res., 107(B8),2173,doi:10.1029/2001JB000571, 2002.
Department of WHOI Author: GEOL.

Zhang, X.-H., W. Li, X.-Z. Jin, and R. X. Huang

Pressure-coordinate oceanic general circulation model: Its development and applications (in Chinese). *Prog.Nat.Sci.*, 10:1015-1020, 2002.
Department of WHOI Author: PO.

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