



WHOI Contributions to the Scientific Literature Monthly Activity Report

Articles in Preparation – July 2002

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Anderson, Donald M.

Prevention, control and mitigation of harmful algal blooms: multiple approaches to HAB management. *Proc. Second Int. Conf. On Harmful Algae Management and Mitigation*, IN PRESS.

Department of WHOI Author: BIOL.

Contribution Number: **10726**

Band-Schmidt, Christine Johann, Emily L. Lilly, and Donald M. Anderson.

Identification of *Alexandrium affine* (Inoue & Fukuyo) *Balech* and *A. margalefi* *Balech* from Mexico, using DNA sequencing and LSU rDNA-based RFLP-PCR assays. *Phycologia*, IN PRESS.

Department of WHOI Author: BIOL.

Contribution Number: **10743**

Canales, J. Pablo, Garrett Ito, Robert S. Detrick, and John Sinton.

Crustal thickness along the western Galapagos Spreading Center and the compensation of the Galapagos hotspot swell. *Earth Planet. Sci. Lett.*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **10758**

Caswell, Hal, Rob Lensink, and Michael G. Neubert.

Demography and dispersal: LTRE analysis of invasion speed and implications for conservation. *Ecology*, IN PRESS.

Department of WHOI Author: BIOL.

Contribution Number: **10744**

Eglinton, T. I., G. Eglinton, L. Dupont, E. R. Sholkovitz, D. Montlucon, and C. M. Reddy.

Composition, age, and provenance of organic matter in NW African dust over the Atlantic Ocean. *Geochem.Geophys.Geosys.*, IN PRESS.

Department of WHOI Author: MCG.

Contribution Number: **10761**

Francois, R., S. Honjo, R. Krishfield, and S. Manganini.

Factors controlling the flux of organic carbon to the bathypelagic zone of the ocean. *Global Biogeochem.Cycles*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **NONE**

Han, Seon and Mark Grosenbaugh.

Nonlinear free vibration of a cable against a straight obstacle.

ASME Int.Mech.Eng.Congress, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **10760**

Jian, Houshuo.

Numerical simulation of the flow field at the scale size of an individual copepod. In: *Handbook of Scaling Methods in Aquatic Ecology: Measurement, Analysis, Simulation*. L. J. Seuront and P. G. Strutton, eds., IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **10765**

Kleindinst, Judith L. and Donald M. Anderson.

Internet-based communication tools for dissemination of information on harmful algal blooms (HABS). In: *Proc.Second Int.Conf. On Harmful Algae Management and Mitigation*, IN PRESS.

Department of WHOI Author: BIOL.

Contribution Number: **10727**

Maguire, Jeff and Paul Segall.

Imaging of aseismic fault slip transients recorded by dense geodetic networks.

Geophys.J.Int., IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **10843**

McGuire, Jeff.

Immediate foreshock sequences of oceanic transform earthquakes on the East Pacific Rise. *Bull. Seismol. Soc. Am.*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **10759**

Miller, Patrick J. O.

Mixed-directionality of killer whale stereotyped calls: A direction-of-movement cue? *Behav.Ecol.Sociobiol.*, IN PRESS.

Department of WHOI Author: BIOL.

Contribution Number: **10719**

Miller, Patrick J. O., Ari D. Shapiro, Peter L. Tyack, and Andrew R. Solow.

Call-type matching in vocal exchanges of free-ranging resident killer whales, *Orcinus orca*. *Animal Behav.*, IN PRESS.

Department of WHOI Author: BIOL.

Contribution Number: **10728**

Okusu, Akiko.

Embryogenesis and development of *Epimenia babai* (Mollusa Aplacophora). *Biol.Bull.*, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **10754**

Proshutinsky, Andrey.

The role of the Beaufort Gyre in the Arctic climate variability: seasonal to decadal climate scales. *Geophys.Res.Lett.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **10756**

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

A test of the monophyly of Odostominae and Turbonilliane (Gastropoda, Heterobranchia, Pyramidellidae) based on 16S mtDNA sequences. *Zool.Scr.*, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **10747**

Solow, Andrew.

On celestial events and the solar cycle in classical antiquity.

Clim.Change, IN PRESS.

Department of WHOI Author: MPC.

Contribution Number: **10764**

Sosik, Heidi M., Robert J. Olson, Michael G. Neubert, Alexi Shalapyonok, and Andrew R. Solow.

Intrinsic growth rates in coastal phytoplankton populations from time-series measurements with a submersible flow cytometer. *Science*, IN PRESS.

Department of WHOI Author: BIOL.

Contribution Number: **10733**

Sutton, Tracy, Thomas Hopkins, Gabriel Vargo, and Joseph Torres.

Zooplankton community structure relative to an ice-edge phytoplankton bloom in the Southern Ocean. *Marine Ecol.Prog.Ser.*, IN PRESS.

Department of WHOI Author: BIOL.

Contribution Number: **10740**

Webb, E. A., S. T. Dyrman, D. M. Anderson, J. W. Moffett, and J. B. Waterbury.

Fe and P stress in *Trichodesmium* from the Western North Atlantic. *Science*, IN PRESS.

Department of WHOI Author: BIOL.

Contribution Number: **10725**

Whitehead, Jack A.

Constant potential vorticity hydraulically controlled flow-complexities from passage shape. *J.Phys.Oceanogr.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **10767**

Zemmelink, H. J., W. W. C. Gieskes, W. Klaassen, H. W. J. de Baar, J. W. H. Dacey, E. J. Hintsa, and W. R. McGillis.

Simultaneous use of relaxed eddy accumulation and gradient flux techniques for the measurement of sea-to-air exchange of dimethylsulphide.

Atmos.EnvIRON., IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **10757**

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