



WHOI Contributions to the Scientific Literature Monthly Activity Report

Articles in Preparation – June 2004

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Acosta, J., E. Uchupi, D. Smith, A. Munoz, P. Herranz, C. Palomo, P. Llanes, M. Ballesteros, and the ZEE Working Group

Comparison of volcanic rifts on La Palma and El Hierro, Canary Islands and the Island of Hawaii. *Mar.Geophys.Res.*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **11171**

Ashjian, Carin J., Scott M. Gallager, and Stephane Plourde

Transport of plankton and particles between the Chukchi and Beaufort Seas during summer 2002, described using a video plankton recorder. *Deep-Sea Res.II*, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **11149**

Brown, C. A., Y. Huot, M. J. Purcell, J. J. Cullen, and M. R. Lewis

Mapping coastal optical and biogeochemical variability using an Autonomous Underwater Vehicle (AUV) and a new bio-optical inversion algorithm. *Limnol.Oceanogr.:Methods*, IN PRESS.

Department of WHOI Author: AOPE.

Cohen, Anne L., and Robert A. Sohn

Tidal modulation of Sr/Ca ratios in a Pacific reef coral. *Geophys.Res.Lett.*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **11174**

Eiseman, Ian, Lisan Yu, and Eli Tziperman

Westerly wind bursts: ENSO's tail rather than the dog?. *J.Clim.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **11177**

Fuchs, Heidi L., Lauren S. Mullineaux, and Andrew R. Solow

Sinking behavior of gastropod larvae (*Ilyanassa obsoleta*) in turbulence. *Limnol.Oceanogr.*, IN PRESS.

Department of WHOI Author: BIO. MPC.

Contribution Number: **11142**

Miller, Patrick, Mark Johnson, and Peter Tyack

Sperm whale behaviour is consistent with use of rapid echolocation click buzzes "cracks" in prey capture. *Proc.R.Soc.Lond.Ser.B.Biol.Sci.*, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **11160**

Pearson, Ann, Alex L. Sessions, Katrina J. Edwards, and John M. Hayes

Separation of selected rRNA for isotopic analysis. *Mar.Chem.*, IN PRESS.

Department of WHOI Author: MCG. GEOL.

Contribution Number: **11141**

Pickart, Robert S., Thomas J. Weingartner, Lawrence J. Pratt, Sarah Zimmermann, and Daniel J. Torres

Flow of winter-transformed Pacific Water into the western Arctic. *Deep-Sea Res.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **11170**

Plourde, Stephane, Robert G. Campbell, Carin J. Ashjian, and Dean Stockwell

Seasonal and regional patterns in egg production of *Calanus glacialis/marchallae* in the Chukchi and Beaufort Seas during spring and summer, 2002. *Deep-Sea Res.II*, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **11148**

Sancho, G., C. R. Fisher, S. Mills, F. Micheli, G. A. Johnson, H. Lenihan, C. H. Peterson, and L. S. Mullineaux

Selective predation by the zoarcid fish *Thermarces cerberus* at hydrothermal vents. *Deep-Sea Res.*, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **11139**

Sosik, Heidi M

Characterizing seawater constituents from optical properties. In: *Monographs on Oceanographic Methodology*. UNESCO, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **11146**

Stanley, Rachel H. R., Ken O. Buesseler, Steven J. Manganini, Deborah K. Steinberg, and James R. Valdes

A comparison of major and minor elemental fluxes collected in neutrally buoyant and surface-tethered sediment traps. *Deep-Sea Res. I*, IN PRESS.

Department of WHOI Author: MCG. GEOL.

Contribution Number: **11167**

Xie, H., O. Zafiriou, W.-J. Cai, R.G. Zepp, and Y. Wang

Photooxidation and its effects on carboxyl content of dissolved organic matter in two coastal rivers in the southeastern United States. *ESFT*, IN PRESS.

Department of WHOI Author: MCG.

Contribution Number: **11152**

Compiled by: Ann Devenish
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