



## WHOI Contributions to the Scientific Literature Monthly Activity Report

### Articles in Preparation – May 2000

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**Caswell, Hal.**

Life table response experiments in ecotoxicology. In: *Demographic Exotoxicology*, Wiley & Sons Ltd., Chichester, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **10205**

**Clift, Peter, Nobu Shimizu, Graham Layne, Christoph Gaedicke, H.-U. Schluter, Marin Clark, and Shahid Amjad.**

55 million years of Tibetan and Karakoram evolution recorded in the Indus Fan. *EOS*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **NONE**

**Elgar, Steve.**

A hypothesis for coastal profile evolution at Duck, North Carolina. *J.Geophys.Res.*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **10208**

**Fofonoff, N. P.**

Thermal stability of the world ocean thermoclines. *J.Phys.Oceanogr.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **10206**

**Greaves, Robert J. and Ralph A. Stephen.**

Low-grazing-angle monostatic acoustic reverberation from rough and heterogeneous seafloors. *J.Acoust.Soc.Am*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **10186**

**Harris, Robert N., Richard P. Von Herzen, Marcia K. McNutt, Grant Garven, and Kelsey Jordahl.**

Submarine hydrogeology of the Hawaiian archipelagic apron, part 1, heat flow patterns north of Oahu and Maro Reef. *J.Geophys.Res.*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **10207**

**Hill, Mark F., Jon D. Witman, and Hal Caswell.**

A Markov chain model of a rocky subtidal community: Succession and species interaction in a complex assemblage. *Ecology*, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **10188**

**Hill, Mark F. and Hal Caswell.**

The effects of habitat destruction in finite landscapes: A chain-binomial metapopulation model. *Oikos*, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **10189**

**Jin, Di and Hauke Kite-Powell.**

Historical performance of shipyards in the United States: A dynamic shift-share analysis. *Int.J.Marit.Econ.*, IN PRESS.

Department of WHOI Author: MPC.

Contribution Number: **10191**

**LaCasce, J. H., A. Bower, and H. Zhang.**

Relative dispersion in the subsurface North Atlantic. *J.Mar.Res.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **10196**

**Lavender, Kara L., Russ E. Davis, and W. Brechner Owens.**

Direct velocity measurements in the Labrador and Irminger Seas describe pathways of Labrador Sea water. *Nature*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **10202**

**Mauritzen, C., Y. Morel, J. Paillet.**

On the influence of Mediterranean water on the central waters of the North Atlantic Ocean. *Deep-Sea Res.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **10190**

**Medovaya, M., D. E. Waliser, R. A. Weller, and M. J. McPhaden.**

A method of assessing the integrity of ocean buoy shortwave observations under operating conditions. *J.Atmos.Ocean.Technol.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **10195**

**Miller, Patrick J. O., Nicoletta Biassoni, Amy Samuels, and Peter L. Tyack.**

Humpback whales sing longer songs when exposed to LFA sonar.

*Nature*, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **10192**

**Preisig, James C. and Mark P. Johnson.**

Signal detection for communications in the underwater acoustic environment.

*IEEE J.Oceanic Eng.*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **10193**

**Reddy, C. M., L. J. Heraty, B. D. Holt, N. C. Sturchio, T. I. Eglinton, N. J. Drenzek, L. Xu, J. L. Lake, and K. A. Maruya.**

Stable chlorine isotopic compositions of aroclors and aroclor-contaminated sediments. *Environ.Sci.Technol.*, IN PRESS.

Department of WHOI Author: MCG.

Contribution Number: **10194**

**Sheremet, Vitalii A.**

Western boundary current leaping across a gap in a ridge.

*J.Phys.Oceanogr.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **10200**

**Solow, Andrew R. and Laura Moore.**

Evidence of increasing intensity of US landfalling hurricanes, 1899-1998. *Nature*, IN PRESS.

Department of WHOI Author: MPC. GEOL.

Contribution Number: **10201**

**Sundermeyer, Miles and James R. Ledwell.**

Lateral dispersion over the continental shelf: Analysis of dye-release experiments.

*J.Geophys.Res.*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **10209**

**Tyack, P. L. and C. W. Clark.**

Acoustic communication in whales and dolphins. In: *Hearing in Whales, Springer Handbook for Auditory Research, Volume 6*,

Springer-Verlag, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **10184**

**Warren, J. D., T. K. Stanton, M. C. Benfield, P. H. Wiebe, D. Chu, and M. Sutor.**

In situ measurements of acoustic target strengths of siphonophores, a gas-bearing zooplankton. *ICES J.*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **10199**

**Warren, Joseph D., Timothy K. Stanton, Duncan E. McGehee, and Dezhong Chu.**

Influence of animal behavior on acoustic estimates of zooplankton properties.

*IEEE J.Ocean.Eng.*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **10198**

**Zopfi, Jakob, Timothy G. Ferdelman, Bo Barker Jorgensen, Andreas Teske, and BoThamdrup.**

Influence of water column dynamics on sulfide oxidation and other major biogeochemical processes in the chemocline of Mariager Fjord (Denmark).

*Mar.Chem.*, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **10204**

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