



WHOI Contributions to the Scientific Literature Monthly Activity Report

Articles Received in August 2001

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Bello, Susan M., Diana G. Franks, John J. Stegeman, and Mark E. Hahn.

Acquired resistance to Ah receptor agonists in a population of Atlantic killifish (*Fundulus heteroclitus*) inhabiting a marine superfund site: *In vivo* and *in vitro* studies on the inducibility of xenobiotic metabolizing enzymes.

Toxicol.Sci., 60:77-91, 2001.

Department of WHOI Author: BIO.

Contribution Number: **10213**

Clift, P. D., N. Shimizu, G. D. Layne, J. S. Blusztajn, C. Gaedicke, H.-U. Schluter, M. K. Clark, and S. Amjad.

Development of the Indus Fan and its significance for the erosional history of the Western Himalaya and Karakoram. *GSA Bull.*, 113(8):1039-1051, 2001.

Department of WHOI Author: GEOL.

Contribution Number: **10296**

Dewar, William K. and Rui X. Huang.

On the adjustment of the ventilated thermocline.

J.Phys.Oceanogr., 31:1676-1697, 2001.

Department of WHOI Author: PO.

Contribution Number: **9996**

Drenzek, Nicholas J., Timothy I. Eglinton, Carl O. Wirsen, Harold D. May, Qingzhong Wu, Kevin R. Sowers, and Christopher M. Reddy.

The absence and application of stable carbon isotopic fractionation during the reductive dechlorination of polychlorinated biphenyls.

Environ.Sci.Technol., 35:3310-3313, 2001.

Department of WHOI Author: MCG.

Contribution Number: **10458**

Hestermann, Eli V., John J. Stegeman, and Mark E. Hahn.

Serum alters the uptake and relative potencies of halogenated aromatic hydrocarbons in cell culture bioassays. *Toxicol.Sci.*, 53(2):316-325, 2000.

Department of WHOI Author: BIO.

Contribution Number: **9964**

Hirth, Greg, Christian Teyssier, and W. James Dunlap.

An evaluation of quartzite flow laws based on comparisons between experimentally and naturally deformed rocks. *Int.J.Earth Sci.*, 90:77-87, 2001.

Department of WHOI Author: GEOL.

Contribution Number: **NONE**

Hosford, Allegra, Jian Lin, and Robert S. Detrick.

Crustal evolution over the last 2 m.y. at the Mid-Atlantic Ridge OH-1 segment, 35°N. *J.Geophys.Res.*, 106(B7):13269-13285, 2001.

Department of WHOI Author: GEOL.

Contribution Number: **10362**

Huang, Rui Xin.

An analytical solution of the ideal-fluid thermocline.

J.Phys.Oceanogr., 31:2441-2457, 2001.

Department of WHOI Author: PO.

Contribution Number: **10165**

Johnson, Gregory C., David L. Musgrave, Bruce A. Warren, Amy Ffield, and Donald B. Olson.

Flow of bottom and deep water in the Amirante Passage and Mascarene Basin.

J.Geophys.Res., 103(C13):30973-30984, 1998.

Department of WHOI Author: PO.

Contribution Number: **NONE**

Lentz, Steven, Matthew Carr, and T. H. C. Herbers.

Barotropic tides on the North Carolina shelf.

J.Phys.Oceanogr., 31:1843-1859, 2001.

Department of WHOI Author: PO.

Contribution Number: **9967**

Li, Aishao, Diane K. Stoecker, and D. Wayne Coats.

Use of the 'food vacuole content' method to estimate grazing by the mixotrophic dinoflagellate *Gyrodinium galatheanum* on cryptophytes.

J.Plank.Res., 23(3):303-318, 2001.

Department of WHOI Author: BIO.

Contribution Number: **NONE**

Losh, Steven, Lorraine Eglinton, Martin Schoell, and James Wood.

Vertical and lateral fluid flow related to a large growth fault, South Eugene Island Block 330 Field, offshore Louisiana. *AAPG Bull.*, 83(2):244-276, 1999.

Department of WHOI Author: MCG.

Contribution Number: **9829**

Lynch, Daniel R. and Dennis J. McGillicuddy.

Objective analysis for coastal regimes.

Cont.Shelf Res., 21(11/12):1299-1315, 2001.

Department of WHOI Author: AOPE.

Contribution Number: **10264**

MacCready, Parker, William E. Johns, David M. Fratantoni, and Roy A. Watlington.

Overflow into the deep Caribbean: Effects of plume variability.

J.Geophys.Res., 104(C11):25913-25936, 1999.

Department of WHOI Author: PO.

Contribution Number: **NONE**

Menzies, M. A., R. Vannucci, J. L. Bodinier, F. A. Frey, N. Shimizu, P. B. Kelemen, E. Rampone, G. Rivalenti, and A. W. Hoffman.

Orogenic Lherzolites and mantle processes: editorial. *J.Petrol.*, 42(1):3-4, 2001.

Department of WHOI Author: GEOL.

Contribution Number: **NONE**

Miller, Patrick J. O.

Cetacean science does not have to be pseudo-science.

Behav.Brain Sci., 24(2):347-348, 2001.

Department of WHOI Author: BIO.

Contribution Number: **NONE**

Montlucon, Daniel B. and Cindy Lee.

Factors affecting lysine sorption in a coastal sediment.

Org.Geochem., 32:933-942, 2001.

Department of WHOI Author: MCG.

Contribution Number: **NONE**

Neubert, M. G., M. Kot, and M. A. Lewis.

Errata: Invasion speeds in fluctuating environments.

Proc.R.Soc.Lond., B 267:2568-2569, .

Department of WHOI Author: MCG.

Contribution Number: **NONE**

Orphan, Victoria J., Christopher H. House, Kai-Uwe Hinrichs, Kevin D. McKeegan, and Edward F. Delong.

Methane-consuming archaea revealed by directly coupled isotopic and phylogenetic analysis. *Science*, 293:484-486, 2001.

Department of WHOI Author: GEOL.

Contribution Number: **NONE**

Polasky, Stephen and Andrew R. Solow.

The value of information in reserve site selection.

Biodiversity and Conservation, 10:1051-1058, 2001.

Department of WHOI Author: MPC.

Contribution Number: **NONE**

Rengefors, K., K. Pettersson, T. Blenckner, and D. M. Anderson.

Species-specific alkaline phosphatase activity in freshwater spring phytoplankton: Application of a novel method. *J.Plankton Res.*, 23(4):435-443, 2001.

Department of WHOI Author: BIO.

Contribution Number: **10151**

Saal, A. E., E. Takazawa, F. A. Frey, N. Shimizu, and S. R. Hart.

Re-Os isotopes in the Horomon peridotite: Evidence for refertilization.

J.Petrol., 42(1):25-37, 2001.

Department of WHOI Author: GEOL.

Contribution Number: **NONE**

Scheltema, Amelie H. and Dmitry L. Ivanov.

Prochaetodermatidae of the Eastern Atlantic Ocean and Mediterranean Sea (Mollusca: Aplacophora). *J.Molluscan Stud.*, 66:313-362, 2000.

Department of WHOI Author: BIO.

Contribution Number: **10065**

Schultz, Richard A. and Jian Lin.

Three-dimensional normal faulting models of the Valles Marineris, Mars, and geodynamic implications. *J.Geophys.Res.*, 106(B8):16459-16566, 2001.

Department of WHOI Author: GEOL.

Contribution Number: **10312**

Sell, A. F.

Morphological defenses induced in situ by the invertebrate predator Chaborus:

Comparison of responses between *Daphnia pulex* and *D. rosea*.

Oecologia, 125(1):150-160, 2000.

Department of WHOI Author: BIO.

Contribution Number: **NONE**

Singh, H., O. Pizarro, A. Duester, and J. Howland.

Optical imaging from the ABE AUV. *Sea Tech.*, 41(4):39-43, 2000.

Department of WHOI Author: AOPE.

Contribution Number: **10150**

Slater, Lucy, Dan McKenzie, Karl Gronvold, and Nobu Shimizu.

Melt generation and movement beneath Theisstareykir, NE Iceland.

J.Petrol., 42(2):321-354, 2001.

Department of WHOI Author: GEOL.

Contribution Number: **NONE**

Smith, Deborah K., Maurice A. Tivey, Patricia M. Gregg, and Laura S. L. Kong.

Magnetic anomalies at the Puna Ridge, a submarine extension of Kilauea Volcano: Implications for lava deposition. *J.Geophys.Res.*, 106(B8):16047-16060, 2001.

Department of WHOI Author: GEOL.

Contribution Number: **10456**

Smith, Woollcott, Andrew Solow, and Clara Chu.

An index of the contribution of spatial community structure to the species-accumulation curve. *Ecology*, 81(11):3233-3236, 2000.

Department of WHOI Author: MPC.

Contribution Number: **9959**

Tucholke, Brian E., Kantaro Jujioka, Takemi Ishihara, Greg Hirth, and Masataka Konoshita.

Submersible study of an oceanic megamullion in the central North Atlantic.

J.Geophys.Res., 106(B8):16145-16161, 2001.

Department of WHOI Author: GEOL.

Contribution Number: **10440**

Tyack, Peter L.

Cetacean culture: Humans of the sea?. *Behav.Brain Sci.*, 24(2):358-359, 2001.

Department of WHOI Author: BIO.

Contribution Number: **NONE**

Warren, Bruce A.

Arnold B. Arons (1916-2001). *EOS*, 82(30):328, 2001.

Department of WHOI Author: PO.

Contribution Number: **NONE**

Whitehead, J. A., W. Gregory Lawson, and John Salzig.

Multistate flow devices for geophysical fluid dynamics and climate.

Am.J.Phys., 6(5):546-553, 2001.

Department of WHOI Author: PO.

Contribution Number: **NONE**

Wilson, Paul A. and Richard D. Norris.

Warm tropical ocean surface and global anoxia during the mid-Cretaceous period.

Nature, 412:425-429, 2001.

Department of WHOI Author: GEOL.

Contribution Number: **NONE**

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September 4, 2001