



WHOI Contributions to the Scientific Literature Monthly Activity Report

Articles Received in February 2001

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Anderson, Donald M.

Bloom dynamics of toxic *Alexandrium* species in the northeastern U.S.
Limnol.Oceanogr., 42:1009-1022, 1997.
Department of WHOI Author: BIO.
Contribution Number: **9389**

Atkins, Michael S., Andrew G. McArthur, and Andreas P. Teske.

Ancyromonadida: A new phylogenetic lineage among the protozoa closely related to the common ancestor of metazoans, fungi, and choanoflagellates (Ophisthokonta).
J.Mol.Evol., 51:278-285, 2000.
Department of WHOI Author: BIO.
Contribution Number: **10210**

Baud, Patrick, Wenlu Zhu, and Teng-fong Wong.

Failure mode and weakening effect of water on sandstone.
J.Geophys.Res., 104(2):2963-2971, 1999.
Department of WHOI Author: GEOL.
Contribution Number: **NONE**

Brinkhoff, Thorsten, Gerard Muyzer, Carl O. Wirsén, and Jan Kuever.

Thiomicrospira chilensis sp. nov. a mesophilic obligately chemolithoautotrophic sulfur-oxidizing bacterium isolated from a *Thioploca* mat. *Int.J.Systm.Bacteriology*, 49:875-879, 1999.
Department of WHOI Author: BIO.
Contribution Number: **9773**

Caron, David A., Ee Lin Lim, Robert W. Sanders, Mark R. Dennett, and Ulrike-G. Berninger.

Responses of bacterioplankton and phytoplankton to organic carbon and inorganic nutrient additions in contrasting oceanic ecosystems.

Aquat.Microb.Ecol., 22:175-184, 2000.

Department of WHOI Author: BIO.

Contribution Number: **10232**

Chave, Alan D., Fred K. Duennebier, and Rhett Butler.

Putting H₂O in the ocean. *Oceanus*, 42(1):6-9, 2000.

Department of WHOI Author: AOPE.

Contribution Number: **NONE**

Collins, J. A., F. L. Vernon, J. A. Orcutt, R. A. Stephen, K. R. Peal, F. B. Wooding, F. N. Spiess, and J. A. Hildebrand.

Broadband seismology in the oceans: Lessons from the ocean seismic network pilot experiment. *Geophys.Res.Lett.*, 28(1):49-52, 2001.

Department of WHOI Author: GEOL.

Contribution Number: **NONE**

Connor, Richard C., Janet Mann, Peter L. Tyack, and Hal Whitehead.

Introduction: The social lives of whales and dolphins. In: *Cetacean Societies: Field Studies of Dolphins and Whales*. Janet Mann, Richard C. Connor, Peter L. Tyack, and Hal Whitehead, eds. The University of Chicago Press, Chicago, :1-6, 2000.

Department of WHOI Author: BIO.

Contribution Number: **NONE**

DeGrandpre, M. D., T. R. Hammar, D. M. R. Wallace, and C. D. Wirick.

Simultaneous mooring-based measurements of seawater CO₂ and O₂ off Cape Hatteras, North Carolina. *Limnol.Oceanogr.*, 42(1):21-28, 1997.

Department of WHOI Author: MCG.

Contribution Number: **NONE**

Delaney, John R. and Alan D. Chave.

NEPTUNE: A fiber-optic 'telescope' to inner space. *Oceanus*, 42(1):10-11, 2000.

Department of WHOI Author: AOPE.

Contribution Number: **NONE**

Detrick, Robert S., John A. Collins, and Daniel E. Frye.

Seafloor to surface to satellite to shore. *Oceanus*, 42(1):12-13, 2000.

Department of WHOI Author: AOPE.

Contribution Number: **NONE**

Edson, James B., Wade R. McGillis, and Thomas C. Austin.

A new coastal observatory is born. *Oceanus*, 42(1):31-33, 2000.

Department of WHOI Author: AOPE.

Contribution Number: **NONE**

Fong, Derek A. and W. Rockwell Geyer.

Response of a river plume during an upwelling favorable wind event. *J.Geophys.Res.*, 101(C1):1067-1084, 2001.

Department of WHOI Author: AOPE.

Contribution Number: **NONE**

Glenn, Scott M., J. Frederick Grassle, and Christopher J. von Alt.

The LEO approach. *Oceanus*, 42(1):28-30, 2000.

Department of WHOI Author: AOPE.

Contribution Number: **NONE**

Johnson, H. Paul, M. J. Pruis, D. Van Patten, and M. A. Tivey.

Density and porosity of the upper oceanic crust from seafloor gravity measurements.

Geophys.Res.Lett., 27(7):1053-1056, 2000.

Department of WHOI Author: GEOL.

Contribution Number: **NONE**

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Cetacean Societies: Field Studies of Dolphins and Whales The University of Chicago Press, Chicago, 433 pp., 2000.

Department of WHOI Author: BIO.

Contribution Number: **NONE**

McManus, Jerry F., Delia Oppo, and James Cullen.

Glacial modulation of rapid climate change during the last 0.5 million years. *PAGES Newsletter* 99-3, 7(3):12-13, 1999.

Department of WHOI Author: GEOL.

Contribution Number: **NONE**

Powell, Wade H., Rachel Bright, Susan M. Bello, and Mark E. Hahn.

Developmental and tissue-specific expression of AHR1, AHR2, and ARNT2 in dioxin-sensitive and -resistant populations of the marine fish, *Fundulus heteroclitus*.

Toxicol.Sci., 57:229-239, 2000.

Department of WHOI Author: BIO.

Contribution Number: **10161**

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The bioflavonoid galangin blocks aryl hydrocarbon receptor activation and polycyclic aromatic hydrocarbon-induced pre-B cell apoptosis.

Mol.Pharmacol., :58(3):515-525, 2000.

Department of WHOI Author: BIO.

Contribution Number: **10124**

Raubenheimer, Britt and Steve Elgar.

Where the surf meets the turf. *Oceanus*, 42(1):24-27, 2000.

Department of WHOI Author: AOPE.

Contribution Number: **NONE**

Samuels, Amy and Peter Tyack.

Flukeprints. In: *Cetacean Societies: Field Studies of Dolphins and Whales*. Janet Mann, Richard C. Connor, Peter L. Tyack, and Hal Whitehead, eds. The University of Chicago Press, Chicago, :9-44, 2000.

Department of WHOI Author: BIO.

Contribution Number: **NONE**

Spall, Michael A.

Buoyancy-forced circulations around islands and ridges.

J.Mar.Res., 58:957-982, 2000.

Department of WHOI Author: PO.

Contribution Number: **10152**

Spielgelman, Marc, Peter B. Kelemen, and Einat Aharonov.

Causes and consequences of flow organization during melt transport: The reaction infiltration instability in compactible media.

J.Geophys.Res., 106(B2):2061-2077, 2001.

Department of WHOI Author: GEOL.

Contribution Number: **NONE**

Teske, A., T. Brinkhoff, G. Muyzer, D. P. Moser, J. Rethmeier, and H. W. Jannasch.

Diversity of thiosulfate-oxidizing bacteria from marine sediments and hydrothermal vents. *Appl.Envir.Microbiol.*, 66(8):3125-3133, 2000.

Department of WHOI Author: BIO.

Contribution Number: **10187**

Tyack, Peter L., Richard C. Connor, Janet Mann, and Hal Whitehead.

The future of behavioral research on cetaceans in the wild. In: *Cetacean Societies: Field Studies of Dolphins and Whales*. Janet Mann, Richard C. Connor, Peter L. Tyack, and Hal Whitehead, eds. The University of Chicago Press, Chicago, :333-339, 2000.

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Contribution Number: **NONE**

Tyack, Peter L.

Functional aspects of cetacean communication. In: *Cetacean Societies: Field Studies of Dolphins and Whales*. Janet Mann, Richard C. Connor, Peter L. Tyack, and Hal Whitehead, eds. The University of Chicago Press, Chicago, :270-307, 2000.

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Contribution Number: **NONE**

Weller, Robert, John Toole, Michael McCartney, and Nelson Hogg.

Outposts in the ocean. *Oceanus*, 42(1):20-23, 2000.

Department of WHOI Author: PO.

Contribution Number: **NONE**

Whitehead, Hal, Jenny Christal, and Peter L. Tyack.

Studying cetacean social structure in space and time. In: *Cetacean Societies: Field Studies of Dolphins and Whales*. Janet Mann, Richard C. Connor, Peter L. Tyack, and Hal Whitehead, eds. The University of Chicago Press, Chicago, :65-87, 2000.

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Contribution Number: **NONE**

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Science and the conservation, protection, and management of wild cetaceans. In: *Cetacean Societies: Field Studies of Dolphins and Whales*. Janet Mann, Richard C. Connor, Peter L. Tyack, and Hal Whitehead, eds. The University of Chicago Press, Chicago, :308-332, 2000.

Department of WHOI Author: BIO.

Contribution Number: **NONE**

Whitehead, John A.

Stratified convection with multiple states. *Ocean Modell.*, 2:109-121, 2000.

Department of WHOI Author: PO.

Contribution Number: **10342**

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