



WHOI Contributions to the Scientific Literature Monthly Activity Report

Articles in Preparation - May 1998

MBL/WHOI Library
Woods Hole, MA 02543

Atkins, Michael S., Roger O. Anderson, and Carl O. Wirsen.

The effect of hydrostatic pressure on the growth rates and encystment of flagellated protozoa isolated from a deep-sea hydrothermal vent and a deep shelf region.

Mar.Ecol.Prog.Ser., IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **9715**

Brinkhoff, T., G. Muyzea, C. O. Wirsen, J. Kuever.

Characterization of *Thiomicrospira kuenenii* sp. nov. and *Thiomicrospira frisia* sp. nov., two mesophilic obligately chemolithoautotrophic sulfur-oxidizing bacteria isolated from an intertidal mud flat.

Int.J.System.Bacteriology, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **9694**

Canales, J. Pabalo, Robert S. Detrick, Sara Bazin, Alistair J. Harding, and John A. Orcutt.

Off-axis crustal thickness across and along the East Pacific Rise within the MELT area.

Science, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **9707**

Chapman, David C.

Dense water formation beneath a time-dependent coastal polynya.

J.Phys.Oceanogr., IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **9714**

Hoagland, Porter.

Historic shipwreck policy in China.

Legal Protection of the Underwater Cultural Heritage: National, Regional and International Perspectives. S. Dromgoole, ed., IN PRESS.

Department of WHOI Author: MPC.

Contribution Number: **9693**

Ito, Garrett and Peter D. Clift.

Subsidence and growth of Pacific cretaceous plateaus.

Earth Planet.Sci. Lett., IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **9708**

Lentz, Steve and Britt Raubenheimer.

Field observations of wave setup. *J.Phys.Oceanogr.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **9712**

McGillis, W. R., J. W. H. Dacey, N. M. Frew, E. J. Bock, and R. K. Nelson.

Water-air flux of dimethylsulfide. *J.Geophys.Res.*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **9703**

Nolsaco, Rita, Pascal Tarits, Jean H. Filloux, and Alan D. Chave.

Magnetotelluric imaging of the Society Islands hot spot.

J.Geophys.Res., IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **9713**

Polzin, Kurt.

Abyssal mixing: Inertial subrange solutions for the energy balance of the finescale internal wavefield. *J.Phys.Oceanogr.*, IN PRESS.

Department of WHOI Author: PO.,

Contribution Number: **9706**

St.Laurent, Louis and Raymond W. Schmitt.

The contributions of salt fingers to vertical. *J.Phys.Oceanogr.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **9709**

Trowbridge, J. H., W. R. Geyer, M. M. Bowen, and A. J. Williams, III.

Near-bottom turbulence measurements in a partially mixed estuary: Turbulent energy balance, velocity structure, and along-channel momentum balance.

J.Phys.Oceanogr., IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **9710**

Whitcomb, Louis, Dana Yoerger, Hanumant Singh, and David Mindell.

Towards precision robotic maneuvering, survey, and manipulation in unstructured undersea environments.

In: *The Eighth International Symposium of Robotics Research. Hayama, Japan. October 3-7, 1997*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **9614**

Wirsen, C. O., T. Brinkhoff, J. Kuever, G. Muyzer, S. Molyneaux, and H. Jannasch.

A new *Thiomicrospira* strain from the Mid-Atlantic Ridge compared to known hydrothermal vent isolates. *Appl. Environ.Microbiol.*, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **9695**

Compiled by: Maureen Carragher
MBL/WHOI Library
library@whoi.edu
May 27, 1998