



WHOI Contributions to the Scientific Literature Monthly Activity Report

Articles Received in January 2002

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Acosta, J., A. Munoz, P. Herranz, C. Palomo, M. Ballesteros, M. Vaquero, and E. Uchupi.

Pockmarks in the Ibiza Channel and western end of the Balearic Promontory (western Mediterranean) revealed by multibeam mapping.

Geo-Mar.Lett., 21:123-130, 2001.

Department of WHOI Author: GEOL.

Contribution Number: **NONE**

Anderson, D. M.

Phytoplankton blooms. In: *Encyclopedia of Ocean Sciences*, John H. Steele, Karl K. Turekian, Steve A. Thorpe, eds. Academic Press, London, 4:2179-2192, 2001.

Department of WHOI Author: BIO.

Contribution Number: **NONE**

Barbeau, K., E. B. Kujawinski, and J. W. Moffett

Remineralization and recycling of iron, thorium and organic carbon by heterotrophic marine protists in culture. *Aquat.Microb.Ecol.*, 24:69-81, 2001.

Department of WHOI Author: MCG.

Contribution Number: **10415**

Buesseler, K. O., L. Ball, J. Andrews, J. K. Cochran, D. J. Hirschberg, M. P. Bacon, A. Fleer, and M. Brzezinski.

Upper ocean export of particulate organic carbon and biogenic silica in the Southern Ocean along 170°W. *Deep-Sea Res.II*, 48:4275-4297, 2001.

Department of WHOI Author: MCG.

Contribution Number: **10328**

Chereskin, T. K. and J. F. Price

Ekman transport and pumping. In: *Encyclopedia of Ocean Sciences*, John H. Steele, Karl K. Turekian, Steve A. Thorpe, eds. Academic Press, London, 2:809-814, 2001.

Department of WHOI Author:

Contribution Number: **NONE**

Choi, M. S., R. Francois, K. Sims, M. P. Bacon, S. Brown-Leger, A. P. Fler, L. Ball, D. Schneider, and S. Pichat.

Rapid determination of ^{230}Th and ^{231}Pa in seawater by desolvated micro-nebulization Inductively Coupled Plasma magnetic sector mass spectrometry. *Mar.Chem.*, 76:99-112, 2001.

Department of WHOI Author: MCG.

Contribution Number: **10448**

Clift, Peter and Jian Lin.

Preferential mantle lithospheric extension under the South China margin.

Mar.Pet.Geol., 18:929-945, 2001.

Department of WHOI Author: GEOL.

Contribution Number: **10484**

Curry, Ruth G. and Michael S. McCartney

Ocean gyre circulation changes associated with the North Atlantic Oscillation.

J.Phys.Oceanogr., 31:3374-3400, 2001.

Department of WHOI Author: PO.

Contribution Number: **10260**

Dacey, J. W. and H. J. Zemmeling

Dimethyl sulphide, COS, CS₂, NH₄, non-methane hydrocarbons, organo-halogens. .

In: *Encyclopedia of Ocean Sciences*, John H. Steele, Karl K. Turekian, Steve A. Thorpe, eds. Academic Press, London, 1:131-137, 2001.

Department of WHOI Author: BIO.

Contribution Number: **NONE**

Dennett, Mark R., Sylvie Mathot, David A. Caron, Walker O. Smith, Jr., and Darcy J. Lonsdale

Abundance and distribution of phototrophic and heterotrophic nano- and microplankton in the southern Ross Sea. *Deep-Sea Res.II*, 48:4019-4037, 2001.

Department of WHOI Author: BIO.

Contribution Number: **10376**

Deuser, W.

Temporal variability of particle flux. . In: *Encyclopedia of Ocean Sciences*, John H. Steele, Karl K. Turekian, Steve A. Thorpe, eds. Academic Press, London, 6:2925-2934, 2001.

Department of WHOI Author: MCG.

Contribution Number: **10315**

Doney, S. C. and D. M. Glover

Ocean carbon system, modeling of. . In: *Encyclopedia of Ocean Sciences*, John H. Steele, Karl K. Turekian, Steve A. Thorpe, eds. Academic Press, London, 4:1929-1935, 2001.

Department of WHOI Author: MCG.

Contribution Number: **NONE**

Foote, K. G.

Acoustic scattering by marine organisms. . In: *Encyclopedia of Ocean Sciences*, John H. Steele, Karl K. Turekian, Steve A. Thorpe, eds. Academic Press, London, 1:44-52, 2001.

Department of WHOI Author: AOPE.

Contribution Number: **10271**

Fornari, D. J.

Deep submergence, science of. . In: *Encyclopedia of Ocean Sciences*, John H. Steele, Karl K. Turekian, Steve A. Thorpe, eds. Academic Press, London, 2:643-658, 2001.

Department of WHOI Author: GEOL.

Contribution Number: **NONE**

Fujiwara, Masami and Hal Caswell

Demography of the endangered North Atlantic right whale.

Nature, 414:537-541, 2001.

Department of WHOI Author: BIO.

Contribution Number: **10566**

Geyer, W. Rockwell, Jonathan D. Woodruff, and Peter Traykovski

Sediment transport and trapping in the Hudson River Estuary. *Estuaries*, 24(5):670-679, 2001.

Department of WHOI Author: AOPE.

Contribution Number: **10285**

Gobat, Jason I. and Mark A. Grosenbaugh

Dynamics in the touchdown region of catenary moorings.
Int.J.Offshore Polar Eng., 11(45):273-281, 2001.
Department of WHOI Author: AOPE.
Contribution Number: **NONE**

Greaves, M. J., H. Elderfield, and E. R. Sholkovitz

Corrigendum to “Aeolian sources of rare earth elements to the Western Pacific Ocean” [Mar.Chem.68 (1999) 31-38]. *Mar.Chem.*, 74:319, 2001.
Department of WHOI Author: MCG.
Contribution Number: **NONE**

Helfrich, K. R.

Dispersion from hydrothermal vents. . In: *Encyclopedia of Ocean Sciences*, John H. Steele, Karl K. Turekian, Steve A. Thorpe, eds. Academic Press, London, 2:733-741, 2001.
Department of WHOI Author: PO.
Contribution Number: **NONE**

Hill, Richard W.

Sampling-induced artifacts in incubation experiments on biological processing of dimethylsulfide and similarly soluble gases.
Aquat.Microb.Ecol., 24:143-151, 2001.
Department of WHOI Author: BIO.
Contribution Number: **9554**

Hoagland, P., J. Jacoby, and M. E. Schumacher

Law of the sea. In: *Encyclopedia of Ocean Sciences*, John H. Steele, Karl K. Turekian, Steve A. Thorpe, eds. Academic Press, London, 3:1481-1492, 2001.
Department of WHOI Author: MPC.
Contribution Number: **10363**

Hoagland, P., U. R. Sumaila, and S. Farrow

Marine protected areas. In: *Encyclopedia of Ocean Sciences*, John H. Steele, Karl K. Turekian, Steve A. Thorpe, eds. Academic Press, London, 3:1654-1659, 2001.
Department of WHOI Author: MPC.
Contribution Number: **10364**

Hoagland, P. and P. C. Ticco

Marine policy overview. In: *Encyclopedia of Ocean Sciences*, John H. Steele, Karl K. Turekian, Steve A. Thorpe, eds. Academic Press, London, 3:1646-1654, 2001.

Department of WHOI Author: MPC.

Contribution Number: **10365**

Macdonald, A. M., M. O'Neil Baringer, and A. Ganachaud

Heat transport and climate. In: *Encyclopedia of Ocean Sciences*, John H. Steele, Karl K. Turekian, Steve A. Thorpe, eds. Academic Press, London, 2:1195-1206, 2001.

Department of WHOI Author: PO.

Contribution Number: **NONE**

Madin, L. P. and G. R. Harbison

Gelatinous zooplankton. In: *Encyclopedia of Ocean Sciences*, John H. Steele, Karl K. Turekian, Steve A. Thorpe, eds. Academic Press, London, 2:1120-1130, 2001.

Department of WHOI Author: BIO.

Contribution Number: **NONE**

Ravizza, G. E.

Platinum group elements and their isotopes in the ocean. In: *Encyclopedia of Ocean Sciences*, John H. Steele, Karl K. Turekian, Steve A. Thorpe, eds. Academic Press, London, 4:2208-2217, 2001.

Department of WHOI Author: GEOL.

Contribution Number: **NONE**

Richardson, P. L.

Drifters and floats. In: *Encyclopedia of Ocean Sciences*, John H. Steele, Karl K. Turekian, Steve A. Thorpe, eds. Academic Press, London, 2:767-774, 2001.

Department of WHOI Author: PO.

Contribution Number: **NONE**

Richardson, P. L.

Florida Current, Gulf Stream and dLabrador Current. In: *Encyclopedia of Ocean Sciences*, John H. Steele, Karl K. Turekian, Steve A. Thorpe, eds. Academic Press, London, 2:1054-1064, 2001.

Department of WHOI Author: PO.

Contribution Number: **NONE**

Ruttenberg, K. C.

Phosphorus cycle. In: *Encyclopedia of Ocean Sciences*, John H. Steele, Karl K. Turekian, Steve A. Thorpe, eds. Academic Press, London, 4:2149-2162, 2001.
Department of WHOI Author: MCG.
Contribution Number: **NONE**

Saito, Mak A. and James W. Moffett

Complexation of cobalt by natural organic ligands in the Sargasso Sea as determined by a new high-sensitivity electrochemical cobalt speciation method suitable for open ocean work. *Mar.Chem.*, 75:49-68, 2001.
Department of WHOI Author: MCG.
Contribution Number: **10435**

Sayles, F. L., W. R. Martin, Zanna Chase, and R. F. Anderson

Benthic remineralization and burial of biogenic SiO₂, CaCO₃, organic carbon, and detrital material in the Southern Ocean along a transect at 170 degrees west. *Deep-Sea Res.II*, 48:4323-4383, 2001.
Department of WHOI Author: MCG.
Contribution Number: **10429**

Schmitt, R. W. and J. R. Ledwell

Dispersion and diffusion in the deep ocean. In: *Encyclopedia of Ocean Sciences*, John H. Steele, Karl K. Turekian, Steve A. Thorpe, eds. Academic Press, London, 2:726-733, 2001.
Department of WHOI Author: PO. AOPE.
Contribution Number: **NONE**

Schmitt, R. W.

Double-diffusive convection. In: *Encyclopedia of Ocean Sciences*, John H. Steele, Karl K. Turekian, Steve A. Thorpe, eds. Academic Press, London, 2:757-766, 2001.
Department of WHOI Author: PO.
Contribution Number: **NONE**

Schmitz, Birger, Mario Tassinari, and Bernhard Peucker-Ehrenbrink

A rain of ordinary chondritic meteorites in the early Ordovician. *Earth Planet.Sci.Lett.*, 194:1-15, 2001.
Department of WHOI Author: MCG.
Contribution Number: **NONE**

Seewald, Jeffrey S., Kenneth W. Doherty, Terence R. Hammar, and Stephen P. Liberatore

A new gas-tight isobaric sampler for hydrothermal fluids. *Deep-Sea Res.I*, 49:189-196, 2001.

Department of WHOI Author: MCG.

Contribution Number: **10510**

Sell, Anne F., Donna van Keuren, and Laurence P. Madin

Predation by omnivorous copepods on early developmental stages of *Calanus finmarchicus* and *Pseudocalanus* spp.. *Limnol.Oceanogr.*, 46(4):953-959, 2001.

Department of WHOI Author: BIO.

Contribution Number: **10386**

Solow, A. R.

Fisheries and Climate. In: *Encyclopedia of Ocean Sciences*, John H. Steele, Karl K. Turekian, Steve A. Thorpe, eds. Academic Press, London, 2:1000-1002, 2001.

Department of WHOI Author: MPC.

Contribution Number: **NONE**

Spall, M. A.

Forward problem in numerical models. In: *Encyclopedia of Ocean Sciences*, John H. Steele, Karl K. Turekian, Steve A. Thorpe, eds. Academic Press, London, 2:1088-1095, 2001.

Department of WHOI Author: PO.

Contribution Number: **NONE**

St. Laurent, Louis C., John M. Toole, and Raymond W. Schmitt

Buoyancy forcing by turbulence above rough topography in the abyssal Brazil Basin. *J.Phys.Oceanogr.*, 31:3476-3495, 2001.

Department of WHOI Author: PO.

Contribution Number: **10478**

Steele, J. H.

Marine mesocosms. In: *Encyclopedia of Ocean Sciences*, John H. Steele, Karl K. Turekian, Steve A. Thorpe, eds. Academic Press, London, 3:1644-1647, 2001.

Department of WHOI Author: MPC.

Contribution Number: **NONE**

Steele, J. H.

Network analysis of food webs. In: *Encyclopedia of Ocean Sciences*, John H. Steele, Karl K. Turekian, Steve A. Thorpe, eds. Academic Press, London, 4:1870-1875, 2001.

Department of WHOI Author: MPC.

Contribution Number: **NONE**

Stein, C. A. and R. P. Von Herzen

Geophysical heat flow. In: *Encyclopedia of Ocean Sciences*, John H. Steele, Karl K. Turekian, Steve A. Thorpe, eds. Academic Press, London, 2:1149-1157, 2001.

Department of WHOI Author: GEOL.

Contribution Number: **NONE**

Trask, R. P. and R. A. Weller

Moorings. In: *Encyclopedia of Ocean Sciences*, John H. Steele, Karl K. Turekian, Steve A. Thorpe, eds. Academic Press, London, 3:1850-1860, 2001.

Department of WHOI Author: PO.

Contribution Number: **NONE**

Tyack, P. L.

Marine mammal social organization and communication. In: *Encyclopedia of Ocean Sciences*, John H. Steele, Karl K. Turekian, Steve A. Thorpe, eds. Academic Press, London, 3:1621-1628, 2001.

Department of WHOI Author: BIO.

Contribution Number: **NONE**

Tyack, P. L.

Marine mammal overview. In: *Encyclopedia of Ocean Sciences*, John H. Steele, Karl K. Turekian, Steve A. Thorpe, eds. Academic Press, London, 3:1611-1621, 2001.

Department of WHOI Author: BIO.

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