Print

LADDER: Publications

In Press or Submitted

(more coming soon)

Published

Lavelle, J.W., A.M. Thurnherr, L.S. Mullineaux, D.J. McGillicuddy Jr., and J.R. Ledwell. 2012. The prediction, verification, and significance of flank jets at mid-ocean ridges. *Oceanography* 25(1):277–283, http://dx.doi.org/10.5670/oceanog.2012.26. (pdf)

Thurnherr, A.M., and L.C. St. Laurent. 2012. Turbulence observations in a buoyant hydrothermal plume on the East Pacific Rise. *Oceanography* 25(1):180–181, http://dx.doi.org/10.5670/oceanog.2012.15. (pdf)

Fornari, D.J., K.L. Von Damm, J.G. Bryce, J.P. Cowen, V. Ferrini, A. Fundis, M.D. Lilley, G.W. Luther III, L.S. Mullineaux, M.R. Perfit, M.F. Meana-Prado, K.H. Rubin, W.E. Seyfried Jr., T.M. Shank, S.A. Soule, M. Tolstoy, and S.M. White. 2012. The East Pacific Rise between 9°N and 10°N: Twenty-five years of integrated, multidisciplinary oceanic spreading center studies. Oceanography 25(1):18–43, http://dx.doi.org/10.5670/oceanog.2012.02. (pdf)

Adams, D.K., S.M. Arellano, and B. Govenar. 2012. Larval dispersal: Vent life in the water column. Oceanography 25(1):256–268, http://dx.doi.org/10.5670/oceanog.2012.24. (pdf)

Fornari, D.J., S.E. Beaulieu, J.F. Holden, L.S. Mullineaux, and M. Tolstoy. 2012. Introduction to the special issue: From RIDGE to Ridge 2000. Oceanography 25(1):12–17, http://dx.doi.org/10.5670/oceanog.2012.01. (pdf)

Lavelle JW. 2012. On the dynamics of current jets trapped to the flanks of mid-ocean ridges. J. Geophys. Res 117: C07002, doi:10.1029/2011JC007627 (pdf)

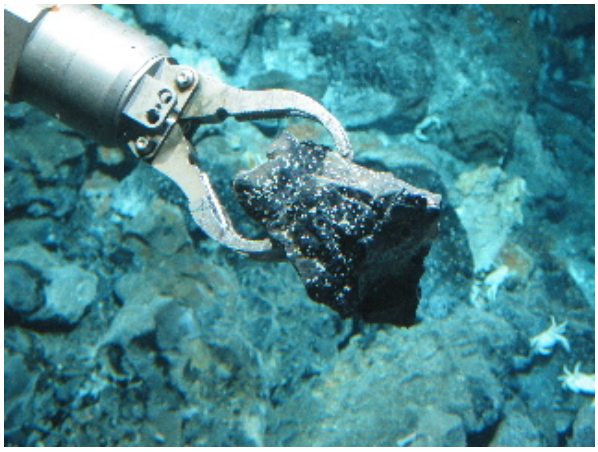
Adams DK, McGillicuddy DJ, Zamudio L, Thurnherr AM, Liang X, Rouxel O, German CR, Mullineaux LS (2011) Surface-generated mesoscale eddies transport deep-sea products from hydrothermal vents. Science 332:580-583 (pdf) (SOM)

Liang X, Thurnherr AM. 2011. Subinertial variability in the deep ocean near the East Pacific Rise between 9º and 10ºN. GRL 38: L06606 (pdf)

Thurnherr AM, Ledwell JR, Lavelle JW, Mullineaux LS. 2011. Hydrography and circulation near the crest of the East Pacific Rise between 9° and 10° N. Deep-Sea Research Part I-Oceanographic Research Papers 58:365-376 (pdf)

Bayer, S.R., L.S. Mullineaux, R.G. Waller, A.R. Solow. 2011. Reproductive traits of pioneer gastropod species colonizing deep-sea hydrothermal vents after an eruption. Marine Biology 158:181-192 (pdf)

Mullineaux LS, Adams DK, Mills SW, Beaulieu SE. 2010. Larvae from afar colonize deep-sea hydrothermal vents after a catastrophic eruption. PNAS 107:7829–7834 (pdf)



Enlarge Image

Manipulator of Alvin holding a piece of basalt covered with limpets. (photo by LADDER science party and WHOI Alvin Group)

Related Files

- » Neubert et al. 2006
- » Mills et al. 2007
- » Adams 2007
- » Lenihan et al. 2008
- » Adams & Mullineaux 2008
- » Beaulieu et al. 2009
- » Mullineaux et al. 2009
- » Mills et al. 2009
- » McGillicuddy et al. 2010
- » Jackson et al. 2010
- » Adams et al. 2010
- » Adams & Flierl 2010
- » Lavelle et al. 2010
- » Thurnherr 2010
- » Mullineaux et al. 2010
- » Bayer et al. 2011
- » Thurnherr et al. 2011
- » Liang et al. 2011
- » Adams et al. 2011
- » Adams et al. 2011 (SOM)
- » Lavelle 2012
- » Fornari 2012 Oceanography
- » Adams 2012 Oceanography
- » Fornari2 2012 Oceanography
- » Thurnherr 2012 Oceanography
- » Lavelle 2012 Oceanography

Adams DK, Flierl GR. 2010. Modeled interactions of mesoscale eddies with the East Pacific Rise: Implications for larval dispersal. Deep-Sea Research Part I-Oceanographic Research Papers 57:1163-1176 (pdf)

Thurnherr A. 2010 A practical assessment of the errors associated with full-depth LADCP profiles obtained using Teledyne RDI Workhorse acoustic doppler current profilers. J Atmos Ocean Technol 27:1215-1227 (pdf)

Lavelle JW, Thurnherr AM, Ledwell JR, McGillicuddy DJ, Mullineaux LS. 2010. Deep ocean circulation and transport where the East Pacific Rise at 9-10°N meets the Lamont seamount chain. Journal of Geophysical Research-Oceans 115:C12073 (pdf)

McGillicuddy DJ, Lavelle W, Thurnherr AM, Kosnyrev VK, Mullineaux LS. 2010. Larval dispersion along an axially symmetric mid-ocean ridge. Deep Sea Res I 57:880-892 (pdf)

Jackson, P.R., J.R. Ledwell, A.M. Thurnherr. 2010. Dispersion of a tracer on the East Pacific Rise (9ºN to 10ºN), including the influence of hydrothermal plumes. Deep-Sea Research (pdf)

Adams, D.K., S.W. Mills, T.M. Shank, L.S. Mullineaux. 2010. Expanding dispersal studies at hydrothermal vents through species identification of cryptic larval forms. Marine Biology (pdf)

Mills, S. W., S. E. Beaulieu, and L. S. Mullineaux. 2009. Photographic identification guide to larvae at hydrothermal vents. Woods Hole Oceanog. Inst. Tech. Rept. WHOI-2009-05. (pdf)(url)

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Beaulieu, S.E, L.S. Mulllineaux, D.K. Adams and S.W. Mills. 2009. Comparison of a sediment trap and plankton pump for time-series sampling of larvae near deep-sea hydrothermal vents. *Limnology & Oceanography Methods 7*:235-248 (pdf)

Adams, D.K. and L.S. Mullineaux. 2008. Gastropod larval flux to hydrothermal vents influenced by spatial and temporal variability in currents on small scales. *Limnology and Oceanography* 53: 1945 – 1955. (pdf)

Lenihan, H.S., S.W. Mills, L.S. Mullineaux, C.H. Peterson, C.R. Fisher, F. Micheli. 2008. Biotic interactions at hydrothermal vents: recruitment inhibition by the mussel *Bathymodiolus thermophilus. Deep-Sea Research* 155:1707-1717.(pdf)

Tyler, P.A., S. Pendlebury, S.W. Mills, L.S. Mullineaux, K.J. Eckelbarger, M. Baker and C.M. Young. 2008. Reproduction of gastropods from vents on the East Pacific Rise and the Mid-Atlantic Ridge. *J. Shellfish Res.* 27: 107-118

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Mail: Woods Hole Oceanographic Institution, 266 Woods Hole Road, Woods Hole, MA 02543, USA.
E-Contact: info@whoi.edu; press relations: media@whoi.edu, tel. (508) 457-2000
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