

# *Sediment Bioassays with Pacific Lamprey Ammocoetes, Portland, Harbor, OR*

## **Peer-Reviewed Publications**

Unrein, J.R., J.M. Morris, R.S. Chitwood, J. Lipton, J. Peers, S. van de Wetering, and C.B. Schreck. 2016. Pacific lamprey ammocoetes (*Entosphenus tridentatus*) exposed to contaminated Portland Harbor sediments: Method development and effects on survival, growth, and behavior. *Environmental Toxicology and Chemistry* 35(8):2092–2102. Available: <https://setac.onlinelibrary.wiley.com/doi/abs/10.1002/etc.3367>.

## **Presentations**

Morris, J.M., J. Peers, J. Lipton, C. Schreck, R. Chitwood, and J. Unrein. 2012. Contaminated Sediment Affects Burrowing Behavior of Pacific Lamprey (*Lampetra tridentata*) Ammocoetes. 33rd Annual Meeting of the Society of Environmental Toxicology and Chemistry (SETAC), Long Beach, CA. November 11–15. Abstract available: <https://www.setac.org/>

Morris, J.M., J. Peers, J. Lipton, C. Schreck, R. Chitwood, and J. Unrein. 2011. Toxicity of Portland Harbor Sediments to Pacific Lamprey Ammocoetes (*Lampetra tridentata*). 32nd Annual Meeting of the Society of Environmental Toxicology and Chemistry (SETAC), Boston, MA. November 13–17. Abstract available: <https://www.setac.org/>

Lindeman, A., J. Unrein, C. Schreck, R.L. Chitwood, J. Morris, and J. Peers. 2011. Pacific Lamprey Exposed to Contaminants: A) Effects of Contaminated Sediment on Larval Growth and Development, and B) Impacts of Herbicides in Adult Lamprey. 141st Annual Meeting of the American Fisheries Society, Seattle, WA. September 4–8.

Unrein, J., J. Morris, R.L. Chitwood, J. Peers, and C. Schreck. 2011. Larval Pacific Lamprey (*Entosphenus tridentatus*) Exposed to Port of Portland Sediment. 47th Annual Meeting of the Oregon Chapter of the American Fisheries Society, Bend, OR. February 22–25.

Peers, J., J.M. Morris, J. Lipton, C. Schreck, R. Chitwood, and J. Unrein. 2010. Toxicity of Portland Harbor Sediments to Pacific Lamprey Ammocoetes (*Lampetra tridentata*): Experimental Design. 31st Annual Meeting of the Society of Environmental Toxicology and Chemistry (SETAC), Portland, OR. November 7–11. Abstract available: <https://www.setac.org/>

## **Reports available online**

Morris, J.M., J. Peers, J. Lipton, J. Unrein, R. Chitwood, and C. Schreck. 2013. Pacific Lamprey Toxicity Study. Prepared for the Portland Harbor Natural Resource Trustee Council. Available: [www.fws.gov/oregonfwo/Contaminants/PortlandHarbor/Documents/LampreyStudyReport.pdf](http://www.fws.gov/oregonfwo/Contaminants/PortlandHarbor/Documents/LampreyStudyReport.pdf).