

Report for 2003ME23B: Effects of local and landscape heterogeneity on mercury loadings in palustrine amphibians from Acadia National Park, Maine

- unclassified:
 - Bank, M.S., 2005. Mercury bioaccumulation and habitat dynamics of lotic and lentic amphibians. "Ph.D. Dissertation" University of Maine, Orono, Maine. 177 pp.
 - Bank, M. S., C.S. Loftin, A. Amirbahman, J. Peckenham and R.E. Jung. 2003 (Invited Oral Presentation). Mercury bioaccumulation in lotic and lentic amphibians. In Assessing the depositional, geological, and biological factors that control mercury deposition in aquatic ecosystems of northeastern North America - USDA Northern Research Station, Northern States Research Cooperative Mercury Research Workshop, December 3-4, 2003, Portland, Maine (Special Mercury in the Northeast Issue Ecotoxicology Published Abstract).
 - A. Bank, M. S., C. S. Loftin, A. Amirbahman, J. Peckenham, T. A. Haines, and R. E. Jung. 2004 (Invited Oral Presentation). Mercury bioaccumulation in lotic and lentic amphibians: regional conservation implications for surface water ecosystems in the Northeastern United States. Gulf of Maine Research Institute Seminar Series, Portland, Maine, January 12, 2004.
 - Bank, M. S., C.S. Loftin, A. Amirbahman, J. Peckenham. T.A. Haines, and R.E. Jung. 2004 Mercury bioaccumulation in lotic and lentic amphibians from Acadia National Park, Maine. Maine Water Conference, April 21, 2004. Augusta, Maine.
 - Bank, M. S., C.S. Loftin, A. Amirbahman, T.A. Haines, and R.E. Jung. 2004 (Invited Oral Presentation). Mercury bioaccumulation in lotic and lentic amphibians: regional conservation implications for aquatic ecosystems in the Northeastern United States. 2004 Joint Meeting of Ichthyologists and Herpetologists (USGS-ARMI Invitational Symposium), May 31, 2004, Norman, Oklahoma.

Report Follows

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USGS-WRRI Update

We received \$2,700.00 from USGS for this grant.

http://water.usgs.gov/wrri/02-03grants_new/2003ME23B.html

The majority of this work was supported by the University of Maine who paid my salary, tuition waiver and by a grant from the Eastern National Parks Association (M. Bank – Principal Investigator), Harvard University, etc..

Invited Oral Presentations & Workshops

1. 2005 Harvard School of Public Health – January 2005
3. 2004 USGS Mercury Conference (Poster) – August 2004
4. 2004 National Ichthyologist and Herpetologist Conference - May 2004
5. 2004 National Park Service Vital Signs Conference – May 2004
6. 2004 Gulf of Maine Institute, Portland, Maine – January 2004
7. 2003 Northeastern Ecosystem Research Cooperative – December 2003
8. 2003 Harvard University - November 2003

Other Presentations

1. 2004 Northeastern Ecosystem Research Cooperative – November 2004 (New Research)

Upcoming Presentations – New Mercury Research

1. 2005 New York City – Fall 2005 (Invited Oral Presentation)
2. 2005 SETAC, Baltimore, Maryland
3. 2005 EPA
4. 2006 Mercury Conference
5. Plus, I also have a few other invitations to speak that I am currently deciding on to see if I can fit them into my schedule

Publications

1. Bank, M.S. Mercury bioaccumulation and habitat relations of lotic and lentic amphibians from Acadia National Park, Maine. PhD Dissertation, University of Maine 177 pp.
2. I am expecting 1-3 peer-reviewed papers from this work.

Grants

1. I have 3 new Grants in review & I am working on new ones as well.

Citations

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Bank, M.S., C. Loftin, and A. Amirbahman. 2004. Effects of local and landscape heterogeneity on mercury loadings in palustrine amphibians from Acadia National Park, Maine. Final Report USGS-WRRI (PhD Dissertation Chapter 3).

Bank, M. S., C.S. Loftin, A. Amirbahman, J. Peckenham and R.E. Jung. 2003 (Invited Oral Presentation). Mercury bioaccumulation in lotic and lentic amphibians. In Assessing the depositional, geological, and biological factors that control mercury deposition in aquatic ecosystems of northeastern North America - USDA Northern Research Station, Northern States Research Cooperative Mercury Research Workshop, December 3-4, 2003, Portland, Maine

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