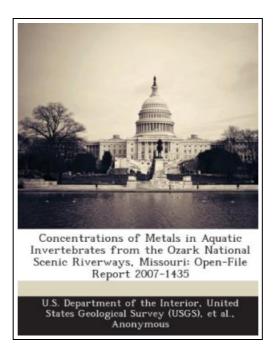
## Concentrations of Metals in Aquatic Invertebrates from the Ozark National Scenic Riverways, Missouri: Open-File Report 2007-1435



Filesize: 3.07 MB

### Reviews

This kind of publication is almost everything and taught me to seeking ahead and a lot more. I really could comprehended almost everything out of this created e publication. I am effortlessly can get a pleasure of reading through a created ebook. (Keon Lowe)

# CONCENTRATIONS OF METALS IN AQUATIC INVERTEBRATES FROM THE OZARK NATIONAL SCENIC RIVERWAYS, MISSOURI: OPEN-FILE REPORT 2007-1435



Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*\*. This report summarizes the findings of a study conducted as a pilot for part of a park-wide monitoring program being developed for the Ozark National Scenic Riverways (ONSR) of southeastern Missouri. The objective was to evaluate using crayfish (Orconectes spp.) and Asian clam (Corbicula fluminea) for monitoring concentrations of metals associated with lead-zinc mining. Lead-zinc mining presently (2007) occurs near the ONSR and additional mining has been proposed. Three composite samples of each type (crayfish and Asian clam), each comprising ten animals of approximately the same size, were collected during late summer and early fall of 2005 from five sites on the Current River and Jacks Fork within the ONSR and from one site on the Eleven Point River and the Big River, which are outside the ONSR. The Big River has been contaminated by mine tailings from historical leadzinc mining. Samples were analyzed by inductively coupled plasma mass spectrometry for lead, zinc, cadmium, cobalt, and nickel concentrations. All five metals were detected in all samples; concentrations were greatest in samples of both types from the Big River, and lowest in samples from sites within the ONSR. Concentrations of zinc and cadmium typically were greater in Asian clams than in crayfish, but differences were less evident for the other metals. In addition, differences among sites were small for cobalt in Asian clams and for zinc in crayfish, indicating that these metals are internally regulated to some extent. Consequently, both sample types are recommended for monitoring. Concentrations of metals in crayfish and Asian clams were consistent with those reported by other studies and programs that sampled streams in southeast Missouri.

Read Concentrations of Metals in Aquatic Invertebrates from the Ozark National Scenic Riverways, Missouri: Open-File Report 2007-1435 Online

Download PDF Concentrations of Metals in Aquatic Invertebrates from the Ozark National Scenic Riverways, Missouri: Open-File Report 2007-1435

### You May Also Like

_

Weebies Family Halloween Night English Language: English Language British Full Colour Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Children s Weebies Family Halloween Night Book 20 starts to teach Pre-School and... Save eBook >

#### The Forsyte Saga (The Man of Property; In Chancery; To Let)

Scribner Paperback Fiction. PAPERBACK. Book Condition: New. 0743245024 12+ Year Old paperback book-Never Read-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy-Iship... Save eBook »

_

Games with Books : 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade Book Condition: Brand New. Book Condition: Brand New.

Save eBook »

	_

Games with Books : Twenty-Eight of the Best Childrens Books and How to Use Them to Help Your Child Learn from Preschool to Third Grade Book Condition: Brand New. Book Condition: Brand New. Save eBook »

Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. This historic book may have numerous typos and missing text. Purchasers can usually...

Save eBook »