Article Type: Article

Title: **Evaluation of shoreline rotenone application to control Largemouth Bass recruitment in small impoundments**

Running Head: Shoreline rotenone application in small impoundments

Authors: Tyler Steven Coleman­1,+,a, Robert W. Eckelbecker­­­­1,†, Andrew K. Carlson­2, Dennis R. DeVries1, Russell A. Wright1, Benjamin A. Staton1,◊, Stephen W. Parker3­­, Collin R. Chittam1,∞, Richard G. Lovell4, Matthew J. Catalano1

1School of Fisheries, Aquaculture, and Aquatic Sciences, Auburn University, 203 Swingle Hall, Auburn AL 36849, USA

2U. S. Geological Survey, Florida Cooperative Fish and Wildlife Research Unit, School of Forest, Fisheries, and Geomatics Sciences, University of Florida, 2295 Mowry Road, Gainesville, Florida 32611, USA

3Department of Wildlife Ecology and Conservation, University of Florida, 110 Newins-Ziegler Hall, Gainesville, FL 32611, USA

4Alabama Department of Conservation and Natural Resources, Auburn, AL 36830, USA

aCorresponding Author: tscoleman3@gmail.com; (716)777-0957

+Current Address: Florida Cooperative Fish and Wildlife Research Unit, Department of Wildlife Ecology and Conservation, University of Florida, 2295 Mowry Road, Gainesville, FL 32611

†Current Address: Montana Cooperative Fishery Research Unit, Department of Ecology, Montana State University, PO Box 173460, Bozeman, MT 59717, USA

◊Current Address: Quantitative Ecological Services, LLC, Portland, OR 97232, USA

∞Current Address: Black Belt Land Management, 7018 Brassie Bend, Montgomery, AL 36116, USA

*This draft manuscript is distributed solely for purposes of scientific peer review. Its content is deliberative and predecisional, so it must not be disclosed or released by reviewers. Because the manuscript has not yet been approved for publication by the U.S. Geological Survey (USGS), it does not represent any official USGS finding or policy.*