



The Ohio Chapter of the American Fisheries Society

2021 Virtual Annual Meeting

February 25-26, 2021

Thursday, February 25th

Welcome

9:00-9:15 Introductory remarks-Bryan Kinter, Ohio AFS President

Plenary

9:15-10:15 **Title:** Quantifying resilience of coldwater fish habitat to climate change and watershed disturbance.

Speaker: Dr. Gretchen Hansen, Assistant Professor, Fisheries, Wildlife, and Conservation Biology Department, University of Minnesota

Website: <http://gretchenhansen.squarespace.com/>

10:15-10:30 Break

Contributed papers

10:30-10:50 **Restoring the fish community of Euclid Creek in Acacia Reservation.**
Michael Durkalec

10:50-11:10 **A comparison of aquaculture production methods for optimizing production of fingerling Yellow Perch (*Perca flavescens*)**
Cathleen M. Doyle, David A. Culver, Morton E. Pugh, and Jesse E. Filbrun

11:10-11:30 **H2Ohio: nutrient reduction and wetland restoration at the Ohio Department of Natural Resources, a brief review**
Christina Kuchle and Eric Saas

11:30-11:50 **Evolutionary history, ecology, and conservation of Tonguetied Minnow (*Exoglossum laurae*)**
Kenneth J. Oswald and Andor J. Kiss

11:50-1:00 **Lunch – Student/Professional Mixer**

Contributed papers

- 1:00-1:20 **Effects of light pollution on Bluegill (*Lepomis macrochirus*) feeding behavior**
Susanna Harrison and Suzanne Gray
- 1:20-1:40 **Zooplankton community dynamics in the central basin of Lake Erie**
Lauren Eaton, Robin DeBruyne, Richard Kraus, William Edwards, and Edward Roseman
- 1:40-2:00 **Does physical habitat restoration in urban streams of the Ridge and Valley ecoregion improve biotic integrity?**
J. Brian Alford, Grant Fisher, and John Schwartz
- 2:00-2:20 **Impacts of a native fish reintroduction on resident fish assemblages**
Brian Bush, Brian Zimmerman, and S. Mažeika P. Sullivan
- 2:20-2:40 **Collaborative brook trout monitoring with environmental DNA sampling**
Ashley Walters, Steve Reeser, Keith Nislow, Andy Dolloff, Mike Young, and Mike Schwartz

Lightning Talks

- 2:40-2:45 **Returning Large Woody Debris to Urban Streams: Home Renovation for Urban Fish of Cooper Creek, Cincinnati, OH.**
Connor McCombs, Adam Lehmann, Katherine Curtis, Megan Urbanic, and Michael Booth.
- 2:45-2:50 **Hydrology and Fish Movement in Small Urban Streams**
Katherine Curtis, Connor McCombs, Megan Urbanic, and Michael Booth
- 2:50-2:55 **Recruitment dynamics of Ohio River Sauger populations**
Jeremy Pritt
- 2:55-3:15 Break
- 3:15-4:30 **Ohio AFS Business Meeting**
- 4:30 Adjourn

Friday, February 26th

10:00-12:00 **Workshop 1: Aquatic plants - at the root of a healthy ecosystem** - Susan Knight, University of Wisconsin-Madison Center for Limnology

12:00-1:00 Lunch

1:00-3:00 **Workshop 2: Introduction to GIS in R** - Zak Slagle, ODNR-Ohio Division of Wildlife - Sandusky