

Tuesday, February 13, 2007

10:00 AM – 1:00 PM Registration

1:00 Welcome and opening remarks by Stan Cook, AFA President and Rob Andress, Program Chair and President-elect

SESSION 1

UNIQUE FISHERIES RELATED OPPORTUNITIES/CONTRIBUTED PAPERS

Moderator: Damon Abernethy, Alabama Wildlife and Freshwater Fisheries

1:20 Habitat use of shoal bass in an Alabama stream- Carol Johnston, Adam Kennon and Andrew Henderson, Fish Biodiversity Lab, Auburn University

1:40 Comparing the responses of fish assemblages to dams in Georgia streams- Nick Ozburn and Carol Johnston, Fish Biodiversity Lab, Auburn University

2:00 Predation and acoustic communication: is there a connection? – Dan Holt and Carol Johnston, Fish Biodiversity Lab, Auburn University

2:20 Fish assemblage response to habitat quality, connectivity, and land use change in selected tributaries of the Chattahoochee River Drainage, Alabama with emphasis on species of special concern- Adam Kennon and Carol Johnston, Fish Biodiversity Lab, Auburn University

2:40 Break

3:00 The relative abundance of Watercress Darters across Alabama- Brook L. Fluker, Bernard R. Kuhajda, and Phillip M. Harris, University of Alabama

3:20 Revision of the Alabama Scientific Collection Permit Application and Reporting Form- Steve Rider, Alabama Wildlife and Freshwater Fisheries

3:40 Dispersal of tournament displaced black bass and release site accumulation in Lake Martin, Alabama- Ryan Hunter, Department of Fisheries and Allied Aquacultures, Auburn University

4:00 Freshwater Prawn production in tanks– Claude Reeves, Alabama Cooperative Extension System

6:00 AFA Social in Ballroom

Wednesday, February 14, 2007

SESSION 2

WATERSHED/RIVERINE

Moderator: Pat O'Neil, Alabama Geological Survey

- 8:20 Long-term growth trends of freshwater mussels in relation to unregulated stream flow in the Sipsey River, Alabama – Andrew Rypel, Wendell Haag and Robert Findlay, University of Alabama
- 8:40 Impacts of a municipal wastewater-impacted tributary on water chemistry, habitat quality, and freshwater mussels in a piedmont (USA) stream - Michael M. Gangloff¹, Lynn M. Siefferman², Wendy Seesock³, and Cliff Webber³ ¹Auburn University Museum and Natural History Learning Center, ²Department of Biology, Indiana University, 142 Jordan Hall, Bloomington, IN 47405. ³Department of Fisheries and Allied Aquacultures, Auburn University
- 9:00 Preliminary observations regarding habitat utilization by the rush darter, *Etheostoma phytophilum* – Bob Stiles and Dick Mills, Samford University
- 9:20 Paddlefish movements in the lower Mobile River Basin and upper Mobile Bay- Scott Mettee, Alabama Geological Survey
- 9:40 Break
- 10:00 But nary a drop to drink: effects of floods and droughts on growth of sunfish in Georgia rivers- Steve Sammons, Auburn University
- 10:20 Aquatic GAP of the ACT, a conservation planning tool- Elise Irwin, Alabama Cooperative Fish and Wildlife Research Unit, Auburn University
- 10:40 Adaptive management below Harris Dam: Little fishes, landowners and light switches- Katie M. Kennedy and Elise Irwin, Alabama Cooperative Fish and Wildlife Research Unit, Auburn University
- 11:00 A standardized fish sampling protocol for use with the Index of Biotic Integrity – Patrick O'Neil and Tom Shepard, Alabama Geological Survey
- Poster Determining flow regimes suitable for successful redbreast spawning below R.L. Harris Dam on the Tallapoosa River, AL.- Benjamin M. Martin and Elise R. Irwin. Alabama Cooperative Fish and Wildlife Research Unit, Auburn University
- 11:20 Lunch

SESSION 3
HABITAT ENHANCEMENT/AQUATIC PLANTS
Moderator: Jason Carlee, Alabama Power Company

- 1:00 Common reed: *Phragmites australis* (cav.) trin. ex steud: Life history in the Mobile River Delta, Alabama - Joshua C. Cheshier and John D. Madsen, Mississippi State University-GeoResources Institute
- 1:20 Walter F. George Lake - Expansion of Invasive Aquatic Plant Hydrilla (*Hydrilla verticillata*) and potential use of Triploid Grass Carp- Don M. Morgan and William Smallwood, U.S. Army Corps of Engineers
- 1:40 A Report on the Status of the Alabama Aquatic Nuisance Species Management Plan - Smoot Major for the Alabama Aquatic Nuisance Species Task Force, Montgomery AL
- 2:00 Aquatic Habitat Restoration in Little Bear Creek Lake – Joe Jernigan, Alabama Wildlife and Freshwater Fisheries
- 2:20 Break

SESSION 4
AQUACULTURE/MARICULTURE
Moderator: Jeff Terhune, Fisheries and Allied Aquaculture, Auburn University

- 2:40 Tag type, retention rates and effects on red snapper *Lutjanus campechanus* growth and survival under hatchery conditions- Daniel Rodriguez* and Ronald P. Phelps, Department of Fisheries and Allied Aquacultures, Auburn University
- 3:00 Effects of Anoxia on Histology, Bacteriology, Condition Index, Glycogen Levels, and Fecundity in the Eastern Oyster, *Crassostrea virginica* - Susan Fogleson*, Richard Wallace and Scott Rikard, Department of Fisheries and Allied Aquacultures, Auburn University
- 3:20 Population structure and dermo disease at harvested and unharvested oyster reefs in Mobile Bay, Alabama- Dennis J. Donegan*, Yolanda J. Brady, F. Scott Rikard, and Richard K. Wallace, Department of Fisheries and Allied Aquacultures, Auburn University
- 3:40 Transgenic Catfish-Performance and Sterilization- Rex Dunham*, Atra Chaimongkol, Alison Hutson, Thanathip Lamkom, Andrew Gima, Deborah Beam, Jeff Terhune, Cova Arias, Kurt Klimpel, Curtis Phillipson, Vance Trudeau and Megan Rosinski, Department of Fisheries and Allied Aquacultures, Auburn University

- 4:00 Hybrid Catfish- Rex Dunham*, Alison Hutson, Megan Rosinski, Atra Chaimongkol, Andrew Gima, Deborah Beam, Jeff Terhune, Allen Davis, Ron Phelps, Nagaraj Chatakondi and Joseph Ballenger, Department of Fisheries and Allied Aquacultures, Auburn University
- 4:20 Production of all-female largemouth bass for trophy bass fishing- Tyler Heep* and Ronald P. Phelps, Department of Fisheries and Allied Aquacultures, Auburn University
- 6:00 Banquet

Thursday, February 15, 2007

**SESSION 5
MARINE/COASTAL**

Moderator: Frank Parauka, U. S. Fish and Wildlife Service

- 8:20 Reproductive behavior of the gray triggerfish, *Balistes capriscus*, and Interactions with red snapper, *Lutjanus campechanus*, in the Northeastern Gulf of Mexico- Carrie A. MacKichan and Stephen T. Szedlmayer, Auburn University Marine Fish Lab
- 8:40 Evaluating potential impacts of red snapper (*Lutjanus campechanus*) on recruitment of vermilion snapper (*Rhomboplites aurorubens*): project overview and summary- Matthew W. Johnson and Sean P. Powers, Fisheries Ecology Lab, Dauphin Island Sea Lab
- 9:00 Assessment of Alabama's marine fishes- John Mareska, Alabama Department of Conservation and Natural Resources, Marine Resources Division
- 9:20 Break
- 9:40 Alabama's inshore shrimping fleet - a decade of change- Leslie Hartman, Alabama Department of Conservation and Natural Resources, Marine Resources Division
- 10:00 Scales of complexity: Biotic and abiotic variability in the Mobile-Tensaw River Delta- Rusty A. Wright, D.R. DeVries, A. Peer, A. Norris, M. Lowe, D. Glover, T. Farmer, C. Cortemeglia, and T. DeVries, Department of Fisheries and Allied Aquacultures, Auburn University
- 10:20 Gulf sturgeon investigations in the northeastern Gulf of Mexico- Frank M. Parauka, U.S. Fish & Wildlife Service, Panama City, Florida
- 10:40 Annual Business Meeting
- 11:30 Adjourn

