

## 2008 AFA Meeting Schedule 38 Speakers

**Monday, Feb. 18, 2008**

**10:00 am – 1:00 pm Registration**

**1:00 pm - Welcome and opening remarks by AFA President Rob Andress and David Cline, President Elect**

### **Session 1 Contributed Papers – Justin Mitchell - 6**

**1:20 pm – Community-Based Watershed Stewardship...from Alabama Water Watch to Global Water Watch-Mexico. Bill Deutsch, Alabama Water Watch, Auburn University**

**1:40 - The effects of sediment risk index ranked unpaved road stream crossings on small streams in southeastern Alabama** Jeremy W. Turner, Paul M. Stewart ([mstewart@troy.edu](mailto:mstewart@troy.edu)), Jonathan M. Miller, Amanda D. McKenzie, and Ross Cummings. Department of Biological & Environmental Sciences, Troy University, Troy, AL 36082.

**2:00 - Mussel survey of candidate species in the Yellow, Conecuh/Escambia, and Choctawhatchee rivers in southern Alabama and northwest. Jonathan M. Miller, Douglas N. Shelton, and Paul M. Stewart ([mstewart@troy.edu](mailto:mstewart@troy.edu)), Department of Biological & Environmental Sciences, Troy University,**

**2:20 - Ecosystem type as a determinant of mercury concentrations in fishes. Andrew L. Rypel and Robert H. Findlay, Department of Biological Sciences, University of Alabama [andrewrypel@yahoo.com](mailto:andrewrypel@yahoo.com)**

**2:40 – "A Brief Overview of what Alearn.info can provide the state of Alabama". Troy Hahn, Dept. of Fisheries and Allied Aquacultures, Auburn University**

**3:00 –Break - Please see the poster presentations in the break room**

**Poster presentation - A comparison of ADEM Surface Water Quality Monitoring Data in Smith Lake from 1998-2007 -Keith Gilliland, ADEM Field Operations**

**Poster presentation - Alabama Department of Environmental Management Wetlands Monitoring, Tonya Mayberry, ADEM Field Operations**

**3:20 - The DIDSON - An Effective Tool for Evaluating Fish Deterrent Systems at Power Plant Intakes. Jon Ponstein, Environmental Affairs, Alabama Power Company, Birmingham, AL**

## **Session 2 - Aquatic Plants and Water Quality - Damon Abernethy – 3**

**3:40 - Floating Island *Southeast*: Introducing an Innovative Water Stewardship Tool, Diann Hayes, Floating Island *Southeast*, **Ray Davis**, Floating Island International**

**4:00 - Recent findings on liming and fertilization of ponds. Claude E. Boyd, Department of Fisheries and Allied Aquacultures, Auburn University, Chris Boyd, Coastal Resource and Extension Center, Mississippi State University,**

**4:20 - The use of probionts in the culture of warmwater fishes. Mark Meade and Benjie Blair. Jacksonville State University.**

**5:15 – AFA Social**

**Tuesday, February 19<sup>th</sup>, 2008**

## **Session 3 Watershed and Riverine – Andrew Rypel -9**

**8:00 - Delineation of ichthyoregions for use with the Index of Biotic Integrity in Alabama**

**Patrick E. O'Neil, Geological Survey of Alabama**

**8:20 -Daily growth differences of the juvenile Alabama shad, *Alosa alabamae* in relation to mean daily river flow withing the Pascagoula River drainage, MS**

**Paul F. Mickle\*, Department of Biology, University of Southern Mississippi**

**8:40 - Movements of an endangered Alabama sturgeon (*Scaphirhynchus suttkusi*) Steven J. Rider, Alabama Wildlife and Freshwater Fisheries Division, Fisheries Section, Fish Biodiversity Lab, Auburn University**

**9:00 - Examination of redbreast sunfish nest survival and spawning behavior below R.L. Harris Dam on the Tallapoosa River, Alabama.**

**Ben Martin, Alabama Cooperative Fish and Wildlife Research Unit  
Elise Irwin, USGS, Alabama Cooperative Fish and Wildlife Research Unit**

**9:20 - Impacts of unpaved road stream crossings on fish assemblages in the Coctawhatchee-Pea watershed.**

**Amanda D. McKenzie and Paul M. Stewart (mstewart@troy.edu). Department of Biological and Environmental Sciences, Troy University  
Ross Cummings – Troy University**

**9:40 -Population genetic structure of the endangered Watercress Darter, *Etheostoma nuchale*.**

**Brook L. Fluker, Bernard R. Kuhajda, and Phillip M. Harris, Department of Biological Sciences, The University of Alabama**

**10:00 – Break**

**10:15 - Ecosystem Connections to River and Estuarine Fisheries**

**Donald C. Jackson**, Mississippi State University, Department of Wildlife and Fisheries

**10:50 - Comparison of the structure and function of stream fish assemblages in beaver ponds vs. free-flowing southeastern Alabama streams.**

Ross Cummings, Paul M. Stewart (mstewart@troy.edu), and **Amanda F. McCall**,  
Department of Biological and Environmental Sciences, Troy University

**11:10 - Occurrence of holiday darter, *Etheostoma brevirostrum*, in Talladega National Forest.**

**Turner**, Joshua, Mark Meade, and Gregory Scull. Jacksonville State University

**Coastal and Marine – PJ Waters - 6**

**11:30 - Feasibility of Hard Clam Aquaculture in Grand Bay, Alabama. Jonathan Jackson** and LaDon Swann. Auburn University Shellfish Laboratory, Dauphin Island

**11:50 – 1:00 pm – Lunch**

**1:00 - Mercury in the Mobile-Tensaw River Delta: Using fish otoliths to explore bioaccumulation patterns. Troy Farmer**

**1:20 - Gray triggerfish, *Balistes capriscus*, in situ recruitment to artificial habitats, and laboratory competitive interactions with red snapper, *Lutjanus campechanus*. Simmons, Carrie M. and Stephen T. Szedlmayer, Auburn Marine Fish Laboratory Carrie MacKichan,**

**1:40 - Age determination through shape analysis and validation of otolith annular increments in red snapper, *Lutjanus campechanus*. Beyer, S.G. and S. T. Szedlmayer. Auburn Marine Fish Lab, Department of Fisheries and Allied Aquacultures, Auburn University**

**2:00 - A comparison of fish and epibenthic communities on artificial reefs with and without copper-based anti-fouling paint.**

**Dianna R. Miller** and Stephen T. Szedlmayer, Marine Fish Lab, Department of Fisheries and Allied Aquacultures, Auburn University

**2:20 - Break**

**Aquaculture – Hugh Hammer -6**

**2:40 – –"Marketing and Economics of Live Marine Baitfish Produced in Saline**

**Waters of the Black Belt Region of Alabama"** by Robert G. Nelson, Ronald P. Phelps and Steven J. Morris

**3:00 - Demonstration of commercial in-pond raceways for enhanced production and reduced cost for channel catfish, Jesse Chappell**, Dept. of Fisheries and Allied Aquacultures, Auburn University

**3:20 - Pond production of live bait shrimp, *Penaeus setiferus* and *Farfantepenaeus duorarum* in Alabama. Herbert E. Quintero\***, Daranee Sookying, Daniel Rodriguez, Allen Davis

**3:40 – Preliminary trial to evaluate the use of soy protein concentrate in feeds for Florida pompano *Trachinotus carolinus*. Daniel Rodríguez\***, Allen Davis, Herbert Quintero

**4:00 – Freshwater prawn production in tanks, Claude Reeves**, Alabama Cooperative Extension System, Headland, AL

**4:20 - Demonstration of fish and plant production in greenhouses using alternative energy heating energy, Travis Brown** – Dept. of Fisheries and Allied Aquacultures, Auburn University

**4:40**

**6:00 – Banquet at Lester’s Restaurant**

**Wednesday, February 20<sup>th</sup>, 2008**

**Reservoirs and Small Impoundments – Stan Cook - 8**

**8:00 - Taxonomy, population genetics, and body shape variation of Alabama spotted bass *Micropterus punctulatus henshalli* - Justin Bagley**

**8:20 - “Population characteristics of adult largemouth bass in a dynamic estuarine environment” by David C. Glover**, Dennis R. DeVries and Russell A. Wright

**8:40 - "Private Small Impoundments of Central Alabama: a survey of management techniques and enhancements" by Norman V. Haley III**, Russell A. Wright, and Dennis R. DeVries.

**9:00 - “Crappie Stocking in Weiss Lake... An Option for Poor Year Classes?” Dan Catchings**, ADCNR, Eastaboga

**9:20 – Break**

**9:40 - “Competitive interactions among striped bass, largemouth bass, and spotted bass in Lewis Smith Lake, Alabama” Michael Sheppard and Mike Maceina**

**10:00 - “An evaluation of exploitation rates and the fishery for catfish on Wilson Lake, Alabama” Matt Marshall and Mike Maceina**

**10:20 - “Evaluating interactions between channel catfish and other sport fishes in Alabama’s State Public Fishing Lakes” David M. Leonard, Russell A. Wright and Dennis R. DeVries**

**10:40 - Alabama Department of Environmental Management Fish Tissue Monitoring Program: Current and Future Status, Michael Len, ADEM Field Operations**

**11:00 – Annual AFA Business Meeting – Lot’s to discuss so stick around**

**11:45 – Adjourn**