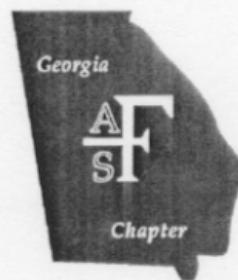


# Georgia Chapter of the American Fisheries Society

## *2002 Annual Meeting*



**Quality Inn  
1050 Clausen Rd  
Augusta, GA  
January 29 - January 31**

### Accommodations

Single/double - \$54.00

reservation deadline January 15, 2002

Please mention you are with the Ga Chapter of AFS to receive the discounted room rate.

### Meeting Registration

\$35.00 includes coffee breaks and social

\$20.00 student registration

### Program Information

Will be available in December or early January

Free Student lodging - Page 4

Call for papers - Page 3

## **Tuesday, January 29, 2002**

11:30 - 1:00      **Registration**

### **Session 1**

1:00      **Update on Wildlife Resources Division, Fisheries Management Section** - Chuck Coomer, Chief - Fisheries Management Section, GA Wildlife Resources Division

1:15      **Comparisons of Proteins Present in Eastern Mosquitofish Populations from Augusta and St. Catherines Island, Georgia**  
\*Christina Jones and Bruce Saul, Augusta State University

1:35      **An Index of Biotic Integrity for Beaverdam Creek in Burke County, Georgia**  
\*Jessica Brewster, Keith Gibbs, Kate Rankin, Lonnie Davis, Jennifer Delk, Sally Crunkleton, Ernest Muhammad and Bruce Saul, Augusta State University

1:55      **Temporal and Spatial Changes in Mercury Concentrations in Savannah River Fish**  
Michael Paller, Savannah River Technology Center

2:15      **Biological Integrity of Stream Fish Communities Downstream from Municipal Water Withdrawals and Reservoirs in the Georgia Piedmont**  
Mary Freeman, \*Paula Marcinek and Richard Weyers, University of Georgia

2:35      **An Evaluation of Georgia's Kid Fishing Event Program**  
Chris Martin, Fisheries Management Section, GA Wildlife Resources Division

2:55      **Break**

### **Session 2**

3:10      **Preliminary Estimates of Marine Recreational Angler Expenditures in Georgia, 1999 and 2000** John Foster, Georgia Coastal Resources Division

3:30      **A Survey of Angler Preferences for Management of Georgia's Red Drum Fishery**  
Spud Woodward and John Foster, Georgia Coastal Resources Division

3:50      **Observation on Young of Year American Eel Recruitment Along Coastal Georgia**  
Gabe Gaddis, GA Coastal Resources Division

### **Fish Tissue Assessments and Consumption Guidance in Georgia**

Jeremy Smith, GA Environmental Protection Division, Watershed Monitoring and Planning Program

### **Effects of Temperature and Salinity on Growth of Juvenile Black Sea Bass, *Centropristes Striata*, With Implications for Aquaculture**

\*C. F. Cotton, R. L. Walker and T. C. Recicar, University of Georgia

4:50      **Movement and passage of American shad at the New Savannah Bluff Lock and Dam.**  
\*Bailey, M. M., South Carolina Cooperative Fish and Wildlife Research Unit, Clemson SC 29634-0372; J. J. Isely, South Carolina Cooperative Fish and Wildlife Research Unit, Clemson SC 29634-0372, and D. C. Cooke, South Carolina Department of Natural Resources, Bonneau, SC 29431.

### **A behavioral comparison of wild and hatchery-reared adult shortnose sturgeon in the Savannah River: preliminary results.**

\*Trested, D. G., South Carolina Cooperative Fish and Wildlife Research Unit, Clemson SC 29634-0372; J. J. Isely, South Carolina Cooperative Fish and Wildlife Research Unit, Clemson SC 29634-0372, and R. S. Bakal U.S. Fish and Wildlife Service, Warm Springs, GA 31830.

### **Student - Professional Mixer and Poster Session (Quality Inn)**

## **Wednesday, January 30, 2002**

### **Session 3**

8:00      **Spawning activity of migrating adult shortnose sturgeon in the Pinopolis Lock and Dam tailrace: preliminary results.**  
\*Duncan, M.S., J. J. Isely, South Carolina Cooperative Fish and Wildlife Research Unit, Clemson SC 29634-0372, and D. C. Cooke, South Carolina Department of Natural Resources, Bonneau, SC 29431.

8:20	<b>Control of Blue Green Algae in Catfish Ponds with Planktivorous Fish or Chemical Treatments</b> Gary Burtle, University of Georgia	South Carolina Department of Natural Resources, Bonneau, SC 29431.
8:40	<b>Pond Production of Freshwater Prawns in Georgia</b> Travis Ingram, University of Georgia	11:30- 1:00 <b>Lunch</b>
9:00	<b>Zooplankton Biodiversity in Treated Versus Untreated Hybrid Striped Bass Rearing Ponds</b> *Whitney Garrison and Bill Davin, Berry College	1:00 <b>Session 5</b> <b>The Trout Fishing Business</b> Jimmy Harris, Unicoi Outfitters
9:20	<b>Optimal Commercial Diet and Feed Ration for Black Sea Bass, <i>Centropristes Striata</i>, Fingerlings</b> *C.F. Cotton and R. L. Walker, University of Georgia	1:20 <b>Keeping Fishing and Conservation in the Public Eye</b> Ken Duke, Outdoor Writer
9:40	<b>Break</b>	1:40 <b>North Georgia Reservoir Habitat Management News</b> Anthony Rabern, Fisheries Management Section, GA Wildlife Resources Division
10:00	<b>Behavior, Movement and Home Ranges of Largemouth Bass During Large-scale Elimination of Hydrilla in Lake Seminole, GA</b> *Steve Sammons, Auburn University	2:00 <b>A Try at Trophy Bass Management (Bear Creek WSR Plan)</b> Reggie Weaver, Fisheries Management Section, GA Wildlife Resources Division
10:20	<b>Black-nosed Crappie Stocking Program in Tennessee</b> Steve Sammons, Auburn University	2:20 <b>What's New with Trout Management</b> Lee Keefer, Fisheries Management Section, GA Wildlife Resources Division
10:40	<b>A Five-Year Trend of Striped Bass Spawning in the Upper Coosa River Basin</b> *Miriam Galeas and Bill Davin-Berry College	2:40 <b>Break</b>
11:00	<b>Habitat Evaluation and Population Attributes for the Shortnose Sturgeon, <i>Acipenser brevirostrum</i>, in the Ogeechee River, Fort Stewart, GA.</b> *Joel Fleming, Thomas Bryce, Fort Stewart and James Kirk-COE Waterways Experiment Station	3:00 <b>Session 6</b> <b>Statewide Drought Management Planning- Where's the Fish?</b> Bill Couch, Fisheries Management Section, GA Wildlife Resources Division
11:20	<b>Movement of migrating adult shortnose sturgeon artificially passed above a lock and dam into a large southeastern reservoir: preliminary results.</b> *Finney, S. S., J. J. Isely, South Carolina Cooperative Fish and Wildlife Research Unit, Clemson SC 29634-0372; and D. C. Cooke,	3:20 <b>Comprehensive Nutrient Management Planning in Northeast Georgia</b> Steven Patrick, Habersham County Agricultural and Natural Resource Agent
		3:40 <b>Evaluation of Electrofishing and Gill Net Catch per Unit Effort under Georgia's Standardized Sampling Protocol</b> Dennis Schmitt, Fisheries Management Section, GA Wildlife Resources Division
		4:00 <b>Break</b>
		4:15 <b>Business Meeting, Georgia Chapter - American Fisheries Society</b>
		6:30 <b>Banquet (Savannah Rapids Pavilion)</b> Bus leaves every 20 minutes starting at 5:45 Last bus returns at 10pm

## **Thursday, January 31, 2002**

### **Session 7**

8:20 **Distribution and Abundance of Fishes in the Savannah River Estuary**  
Richard Weyers and Cecil Jennings, University of Georgia

8:40 **Effectiveness of Streamside Management Zones in protecting aquatic communities in the Sand-Clay Hills Subsection of Mississippi.**  
D. G. Carroll, University of Georgia, S. Schoenholtz and E. Dibble College of Forest Resources, Miss. State University

9:00 **An Evaluation of Multi-pass Electrofishing for Estimating the Abundance of Stream-dwelling Fishes**  
James Peterson-University of Georgia, Russ Thurow and John Guzovich, USDA Forest Service

9:20 **Use of Constructed Wetlands for Advanced Wastewater Treatment: A Case Study in Augusta, GA**  
Gene Eidson, Southeastern Natural Sciences Academy

9:40 **Break**

### **Session 8**

10:00 **Use of DNR Creel Survey Data in Georgia's Mercury TMDLs**  
J. David Dean, AMEC Earth and Environmental

10:20 **The Dammed and the Wild: Conservation Partnerships for Rivers and Fish**  
Terry DeMeo, University of Georgia

10:40 **A Program to Assess Trophy Bass Genetics in GA**  
Scott Robinson, Fisheries Management Section, GA Wildlife Resources Division

11:00 **A Preliminary Survey of the Freshwater Mollusks in the Canoochee River System, Fort Stewart, GA**  
Kathryn Sukkestad, Thomas Bryce, Fort Stewart and Eugene Keferl, Coastal Georgia Community College

11:20 **Fort Stewart's Environmental Compliance Program: Being A Good Steward of Georgia's Natural Resources**  
Thomas Bryce, Fort Stewart

11:40 **Adjourn**

### **GA Chapter History Poster**

The Georgia Chapter of AFS is in the process of preparing a poster on the history of our illustrious Chapter for the AFS Southern Division Meeting being held in Little Rock Arkansas this February. The Southern Division will be celebrating its 50<sup>th</sup> anniversary with a special poster session celebrating the history of its Chapters and Committees. If you have any interesting photos or information please contact Ronnie Gilbert (850) 623-6322, Rob Weller (912)285-6094, David Higginbotham (706)369-5730, or Scott Hendricks (404)799-2159. Please plan on bringing your photos or other bits of history to the meeting in Augusta.