



Fisheries Technical Session

Oral Presentations – Habitat Session

Monday, November 2

International Ballroom D, M-2

Moderator: Matt Thomas, *Georgia DNR Wildlife Resources Division*

- 1:00 p.m.** **Harmful Algal Blooms in Marine and Freshwater Ecosystems of Texas**
L. Cook-Hildreth, T. Birdsong, and M. Byrd, *Texas Parks and Wildlife Department*
- 1:20 p.m.** **Preliminary Results of Gravel Augmentation Projects on the Oconee River, Georgia**
J. Evans, *Georgia Department of Natural Resources*
- 1:40 p.m.** **A Low-Cost Approach for Capturing and Processing Side Scan Sonar Imagery to Map Habitat in Navigable Rivers and Streams**
T. Litts, *Georgia Department of Natural Resources*
- 2:00 p.m.** **An Assessment of Shoal Habitat Throughout the Lower Flint River Using Low-Cost Side Scan Sonar and GIS**
A.J. Kaeser, *Georgia Department of Natural Resources*
- 2:20 p.m.** **Techniques and Strategies for Managing Fish Habitat in Texas Reservoirs**
C. Bonds and E. Chilton, *Texas Parks and Wildlife Department*
- 2:40 p.m.** **Community-Based Approaches to Conservation of Fish and Aquatic Habitats**
T. Birdsong, G. Garrett, D. Pitts and M. Webb,
Texas Parks and Wildlife Department
- 3:00 p.m.** **BREAK**

Moderator: Scott Robinson, *Southeast Aquatic Resources Partnership*

- 3:20 p.m.** **Development of Habitat- and Watershed-based Research Programs to Support Fish Habitat Restoration Initiatives in Texas**
D.J. Daugherty, D.L. Buckmeier, K.B. Mayes, N.G. Smith and K.S. Reeves,
Texas Parks and Wildlife Department
- 3:40 p.m.** **The Status of In-Stream Flow Protection in the Southern USA**
M. Davis, *The Nature Conservancy*
- 4:00 p.m.** **Update on the National Fish Habitat Assessment**
G. Whelan, *National Fish Habitat Science Committee co-chair,*
Michigan Department of Natural Resources
- 4:20 p.m.** **Open discussion**

Tuesday, November 3

International Ballroom D, M-2

Moderator: Cecil Jennings, *USGS Georgia Cooperative, Fish and Wildlife Research Unit, University of Georgia*

- 8:00 a.m.** **Anglers' Catch and Exploitation of Spotted Bass (*Micropterus Punctulatus*) in Allatoona Reservoir**
J. Hakala, *Georgia Department of Natural Resources*
- 8:20 a.m.** **Potential for a Minimum-length Limit Regulation to Improve Floodplain Lake Crappie Fisheries in Arkansas**
M.A. Eggleton, *University of Arkansas at Pine Bluff*
- 8:40 a.m.** **Effects of Stocking Adult Largemouth Bass to Enhance Fisheries Recovery in Pascagoula River Floodplain Lakes Impacted by Hurricane Katrina**
J.B. Alford, D.M. O'Keefe and D.C. Jackson,
Louisiana Department of Wildlife and Fisheries
- 9:00 a.m.** **Assessment of Catch and Exploitation of Largemouth Bass (*Micropterus Salmoides*) Fisheries in Lower Arkansas River: Potential Impacts of Competitive Tournaments**
B.V. Fontaine, C.P. Hutt and M.A. Eggleton,
University of Arkansas at Pine Bluff
- 9:20 a.m.** **Evaluation of the Supplemental Stocking of Largemouth Bass Fingerlings in Lake Nottely, Georgia**
N.D. Jamison and O.R. Weaver, *Georgia Department of Natural Resources*
- 9:40 a.m.** **Population Assessment and Management of Shoal Bass (*Micropterus Cataractae*) in the Lower Flint River**
T.R. Ingram and J.E. Tannehill, *Georgia Department of Natural Resources*
- 10:00 a.m.** **BREAK**

Moderator: Bill Davin, *Berry College*

- 10:20 a.m.** **Lake Habitat Characteristics Influence the Introgression of Florida-strain Alleles in Louisiana Largemouth Bass (*Micropterus salmoides*) Populations**
M.A. Fries, W.E. Kelso, M.D. Kaller and D.G. Kelly,
Louisiana State University
- 10:40 a.m.** **Size, Growth and Condition of Flathead Catfish in Sutton Lake, North Carolina: Implications for Managing an Introduced Species in Thermally-influenced Reservoirs**
K.W. Ashley, R.D. Barwick and R.T. Rachels,
North Carolina Wildlife Resources Commission
- 11:00 a.m.** **Changes in the Populations of Three Sportfish Following the Introduction of Flathead Catfish in the Satilla River, Georgia**
T.F. Bonvechio, D. Harrison and B. Deener,
Georgia Department of Natural Resources

Tuesday agenda continued

**11:20 a.m. Weight-length Relationships and Growth Data for Blue Catfish
(*Ictalurus Furcatus*) from Four Tennessee Water Bodies**
D.R. Stewart, G.W. Benz and G.D. Scholten,
Middle Tennessee State University

11:40 a.m. Movement and Behavior of Blue Catfish in Lake Wilson, Alabama
M.D. Marshall, R.W. Hunter and M.J. Maceina, *Auburn University*

12:00 p.m. LUNCH

Moderator: Ted Will, *Georgia Department of Natural Resources*

**1:00 p.m. Temporal and Spatial Distribution of Marsh-edge and Tidal Creek Fishes
in the Savannah River Estuary, GA/SC**
C.A. Jennings and R.S. Weyers, *SGS-Georgia Coop. Fish and Wildlife
Research Unit, University of Georgia*

1:20 p.m. Investigating Striped Bass Recruitment in the Neuse River, North Carolina
R.D. Barwick, J.M. Homan and C.D. Thomas, *North Carolina Wildlife
Resources Commission*

**1:40 p.m. Seasonal Abundance, Age Structure and Spawning Period of Gizzard
Shad (*Dorosoma Cepedianum*) in the Hydrologically Altered Upper
Barataria Estuary, Louisiana**
J.F. Fontenot, A.M. Ferrara and Q.C. Fontenot, *Nicholls State University,
Bayosphere Research Lab*

2:00 p.m. Abundance of Juvenile Atlantic Sturgeon in the Ogeechee River, Georgia
D.J. Farrae, P. Schueller and D.L. Peterson, *University of Georgia*

**2:20 p.m. Environmental Factors Affecting Blue Crab (*Callinectes Sapidus*)
Abundance in the Hydrologically Altered Upper Barataria Estuary,
Louisiana**
M.D. Dantin, A.M. Ferrara and Q.C. Fontenot, *Nicholls State University,
Bayosphere Research Lab*

2:40 p.m. The Anchored Gill Net Shad Fishery of the Altamaha River, Georgia
R.A. Bahn, J. Fleming, D. Harrison and D.L. Peterson, *University of Georgia*

3:00 p.m. BREAK

Moderator: Rob Weller, *Georgia Department of Natural Resources*

**3:20 p.m. Age, Growth, Fecundity, Abundance and Passage of Alabama Shad
(*Alosa Alabamae*) in the Apalachicola, Chattahoochee and
Flint River system**
J.E. Tannehill, T.R. Ingram and J.J. Isely, *Georgia Department of Natural Resources*

Tuesday agenda continued

- 3:40 p.m.** **Determining the Upper Thermal Tolerance of Juvenile Lake Sturgeon (*Acipenser Fulvescens*) by Two Different Heating Regimes**
A.S. Levesque, S. McGaughey and B. Davin, *Berry College*
- 4:00 p.m.** **Development of a Fish Index of Biotic Integrity within the Coosa and Tennessee River Basins of the Blue Ridge Ecoregion, Georgia**
P.A. Marcinek, *Georgia Department of Natural Resource*
- 4:20 p.m.** **Impacts of Small Dam Removal on the Endangered Watercress Darter (*Etheostoma Nuchale*) in Roebuck Spring, Birmingham, Alabama**
B.L. Fluker, B.R. Kuhajda, R.S. Duncan, E.L. Salter and M. Schulman, *University of Alabama*
- 4:40 p.m.** **Hatchery Spawning Replace Natural Spawning in the Catfish Industry?**
N. Chatakondi, *USDA-ARS Catfish Genetics Research Unit*