



2010 Georgia AFS Program



Tuesday, January 26

0800-0900: **Meeting registration**

Session One: **Welcome and Student presentations. Moderated by Brent Hess**

0900-0920: **Fish host identification for endemic mussel species of the Altamaha River Basin and options for propagation in the absence of suitable host fish species.** J.A. Johnson*, J. Wisniewski, and R.B. Bringolf. Warnell School of Forestry and Natural Resources, University of Georgia, Athens, Georgia and Georgia Department of Natural Resources, Wildlife Resources Division.

0920-0940: **Influence of landscape- and lake-level characteristics on sportfish production in southeastern U.S. impoundments.** Brittany E. Trushel*, James T. Peterson, and Cecil A. Jennings. Warnell School of Forestry and Natural Resources, University of Georgia, Athens and USGS, Georgia Cooperative Fish and Wildlife Research Unit, Warnell School of Forestry and Natural Resources, Athens, GA

0940-1000: **Assessment of endocrine disruption in fish and estrogenic potency of waters in Georgia.** Kristen Kellock*, Brittany Trushel, Cecil Jennings, Robert Bringolf. Warnell School of Forestry and Natural Resources, University of Georgia and USGS, Georgia Cooperative Fishery and Wildlife Research Unit

1000-1020: **Status of imperiled sturgeon species on the Satilla and St Marys Rivers, GA.** Mark W. Fritts* and Douglas Peterson. Warnell School of Forestry and Natural Resources, University of Georgia.

1020-1040: **BREAK**

Session Two: **Student presentations. Moderated by Cecil Jennings**

1040-1100: **An evaluation of the influence of stream flows on freshwater mussel growth.** Justin C. Dycus*, James T. Peterson, and Robert Bringolf. Warnell School of Forestry and Natural Resources, University of Georgia, Athens, GA and USGS, Georgia Cooperative Fish and Wildlife Research Unit, Warnell School of Forestry and Natural Resources, Athens, GA.

1100-1120: **Hatch dates and growth rates of three species of age-0 black bass in the Flint River, Georgia.** Matthew R. Gocłowski* and Steven M. Sammons, Auburn University

1120-1140: **Population demographics for an introduced population of blue catfish (*Ictalurus furcatus*) in Lake Oconee, Georgia.** Michael Homer* and Cecil Jennings. Warnell School of Forestry & Natural Resources, University of Georgia.



1140-1200: **Sturgeon bycatch in the Altamaha River shad fishery, Georgia.** Robert A. Bahn*, Douglas L. Peterson, and Joel Fleming. Warnell School of Forestry and Natural Resources, University of Georgia, Athens, Georgia and Georgia Department of Natural Resources.

1200-1300: **LUNCH (PROVIDED)**

Session Three: Student presentations. Moderated by Nick Jamison

1300-1320: **Reproductive status and population demographics of the tripletail, *Lobotes surinamensis*, aggregation near Jekyll Island, Georgia.** Russell Parr*, Spud Woodward, Cecil Jennings, Robert Bringolf. Warnell School of Forestry and Natural Resources, University of Georgia. Coastal Resources Division, Georgia Department of Natural Resources. USGS Cooperative Fishery and Wildlife Research Unit

1320-1340: **Misidentification of Freshwater Mussels: Contributing Factors, Management Implications, and Potential Solutions.** Colin P. Shea* and James T. Peterson Warnell School of Forestry and Natural Resources, University of Georgia, Athens, GA. USGS, Georgia Cooperative Fish and Wildlife Research Unit, Warnell School of Forestry and Natural Resources, Athens, GA.

1340-1400: **A multi-scaled approach to evaluating the fish community structure in southern Appalachian stream fishes.** Joseph E. Kirsch* and James T. Peterson. Georgia Cooperative Fish and Wildlife Research Unit, Warnell School of Forestry and Natural Resources, University of Georgia, Athens, GA

1400-1420: **Development of a non-lethal approach for assessing stress in freshwater mussels.** Andrea K. Crownhart*, Robert B. Bringolf*, James T. Peterson, and Jason Wisniewski. University of Georgia, Warnell School of Forestry and Natural Resources. Georgia Department of Natural Resources, Wildlife Resources Division.

1420-1440: **Biotic and abiotic responses to in-stream habitat modification in North Georgia Brook Trout (*Salvelinus fontinalis*) streams.** Joshua Seehorn*, Jay Shelton, Robert Bringolf. Warnell School of Forestry and Natural Resources, University of Georgia.

1440-1500: **Production of Estuarine-Use Functional Guilds of Fishes in Managed Impoundments in Coastal South Carolina.** Kelly.F. Robinson* and Cecil.A. Jennings. University of Georgia, Warnell School of Forestry and Natural Resources

1500-1520: **BREAK**



Session Four: Student and professional presentations. Moderated by Joey Slaughter

- 1520-1540: **Effects of PFOS on early life stages of freshwater mussels.** Peter D. Hazelton*, W. Gregory Cope, M. Christopher Barnhart, and Robert B. Bringolf. Warnell School of Forestry and Natural Resources, University of Georgia, North Carolina State University, and Missouri State University.
- 1540-1600: **Status and population trends of shortnose sturgeon (*Acipenser brevirostrum*) in the Altamaha River, Georgia.** Michael S. Bednarski* and Douglas L. Peterson. Warnell School of Forestry & Natural Resources, University of Georgia.
- 1600-1620: **Thermal Maxima of Juvenile Lake Sturgeon.** Paul Wilkes and Douglas L. Peterson. Warnell School of Forestry & Natural Resources, University of Georgia.
- 1620-1640: **Supplemental Stocking of Largemouth Bass Fingerlings into a Tennessee Valley Reservoir.** Nick D. Jamison* and Oda R. Weaver. Georgia Department of Natural Resources, Wildlife Resources Division.
- 1640-1700: **Angler Catch and Exploitation of Spotted Bass (*Micropterus punctulatus*) in Allatoona Reservoir, Georgia.** James P. Hakala*. Georgia Department of Natural Resources, Wildlife Resources Division.
- 1830-2100: **Student Social,** Located at Go Fish Georgia Center.

Wednesday, January 27

Session Five: Professional presentations. Moderated by Adam Kaeser

- 0800-0820: **Spawning and Holding Suwannee Bass in Earthen Ponds.** Gary J. Burtle* and Travis Ingram. University of Georgia and Georgia Department of Natural Resources, Wildlife Resources Division.
- 0820-0840: **The Last Stand of the Alabama shoal bass: Conservation status of shoal bass in Alabama tributary streams of the Chattahoochee River.** Steven M. Sammons*, Dept of Fisheries, Auburn University
- 0840-0900: **Population dynamics and exploitation of largemouth bass on Lake Blackshear, Georgia.** John M. Kilpatrick* and Dean Barber. Georgia Department of Natural Resources, Wildlife Resources Division.



0900-0920: **Population Assessment and Management of Shoal Bass *Micropterus cataractae* in the Lower Flint River.** Travis R. Ingram* and Joshua E. Tannehill. Georgia Department of Natural Resources, Wildlife Resources Division.

0920-0940: **The Use of Ultrasound for Assessing Reproductive Status in Shark Species: Preliminary Findings.** Carolyn Belcher*, Georgia Department of Natural Resources, Coastal Resources Division.

0940-1000: **BREAK**

Session Six: Professional presentations. Moderated by Joe Rydell

1000-1020: An examination of demographic trends among the oldest flathead catfish *Pylodictis olivaris* populations introduced in Georgia. **Adam J. Kaeser***, **Timothy F. Bonvechio, Donald Harrison, and Robert R. Weller.** Georgia Department of Natural Resources, Wildlife Resources Division.

1020-1040: **Chemical Control of Watermeal.** Gary J. Burtle. University of Georgia.

1040-1100: **Seasonal movements of adult robust redhorse stocked in the Oconee River, GA.** Patrick Ely* and Cecil Jennings. Warnell School of Forestry & Natural Resources, University of Georgia

1100-1120: Age, Growth, Fecundity, Abundance, and Passage of Alabama shad *Alosa alabamae* in the Apalachicola, Chattahoochee, and Flint River System. **Josh E. Tannehill***, **Travis R. Ingram, and Jeff J. Isely.** Georgia Department of Natural Resources, Wildlife Resources Division and USGS, South Carolina Cooperative Fish and Wildlife Research Unit, Clemson University, Clemson, South Carolina

1120-1140: A database for the culture of imperiled species. **Chester Figiel, Jr. and Nicole Rankin** U.S. Fish and Wildlife Service.

1140-1240: **LUNCH (PROVIDED) / BUSINESS MEETING**

1240-1320: **RAFFLE**



Session Seven: Professional presentations. Moderated by John Kilpatrick

1320-1340: **Impacts of Electrofishing Removal on Flathead Catfish Population Metrics in the Satilla River, Georgia.** Timothy F. Bonvechio*, Micheal S. Allen, Dan Gwinn, and Jason S. Mitchell. Georgia Department of Natural Resources, Wildlife Resource Division, Program in Fisheries and Aquatic Sciences, School of Forest Resources and Conservation, University of Florida, Gainesville.

1340-1400: **Striped bass stocking evaluation: a case study of Lake Seminole, Georgia.** John Kilpatrick*, Ramon Martin, and Travis Ingram. Georgia Department of Natural Resources, Wildlife Resources Division and U.S. Fish and Wildlife Service.

1400-1420: **Preliminary analysis of PFCs in biota from the Conasauga River.** Robert B. Bringolf*, Rebecca Fauver, Junhe Lu, Qingguo Huang, and Jeremy Smith. Warnell School of Forestry and Natural Resources, University of Georgia, U.S. Environmental Protection Agency, Department of Crop and Soil Science, University of Georgia, and Environmental Protection Division, Georgia Department of Natural Resources

1420-1440: **Georgia Comprehensive Water Plan Implementation - 2009 summary and 2010 look-ahead.** Ted Hendrickx, Georgia Environmental Protection Division.

1440-1500: **Adjourn**

