

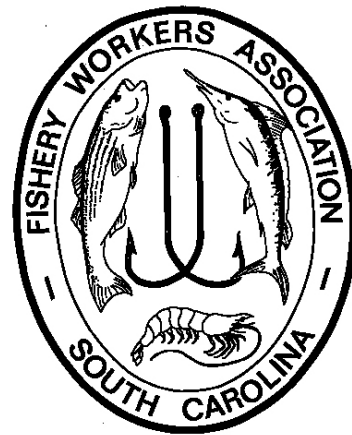
2011 JOINT MEETING

SOUTH CAROLINA CHAPTER OF THE
AMERICAN FISHERIES SOCIETY

AND

SOUTH CAROLINA FISHERY WORKERS ASSOCIATION

FEBRUARY 9-10, 2011



SANTEE STATE PARK

WEDNESDAY, FEBRUARY 9 2011

*Speakers

10:30-12:15 **REGISTRATION**

12:20 **WELCOME AND INTRODUCTION**

SESSION 1

12:30 Mark Scott; SC Department of Natural Resources. A Cumulative Effects Approach to Managing Watersheds

12:45 Kevin Kubach* & Mark Scott; SC Department of Natural Resources. The South Carolina Stream Assessment: an Early Look At Regional Patterns.

1:00 Joseph Quattro; University of South Carolina. Redeye Bass (genus *Micropterus*) Populations in the Santee River Drainage, Introduced or Native?

1:15 Margaret Jamison; SC Department of Natural Resources. Evaluation of Adult Red Drum Growth Rate, Movement, and Population Structure along the South Atlantic Coast of the United States.

1:30-1:45 BREAK

SESSION 2

1:45 Trey Byars* & Chad Holbrook; SC Department of Natural Resources. Evaluation of Implanted Transmitter Retention in Blue Catfish.

2:00 Cathy Marion; SC Department of Natural Resources. Application of a Tri-Lateral Life History Model to SC Coastal Plain Fishes.

2:15 Elizabeth Cushman; SC Department of Natural Resources. Boy or Girl? Development of a Genetic Tool For Non-Lethal Sex-Determination In Two Fish Species.

2:30 Michael Hodges; SC Department of Natural Resources. Conducting Large-Scale Oyster Restoration as Mitigation in South Carolina Estuarine Waters.

2:45-3:00 BREAK

SESSION 3

- 3:00 Jesse Waldrip; Kleinschmidt Associates. Engineering Design Of Downstream Fish Passage Facilities.
- 3:15 Christopher McDonough; SC Department of Natural Resources. The Status of Spot in South Carolina and the Atlantic Coast of the United States.
- 3:30 Barbara Taylor; SC Department of Natural Resources. Impact Of Stocking Time On The Forage Requirements of a Brown Trout Population.
- 3:45-4:00 BREAK**
- 4:00-4:45 SCFWA BUSINESS MEETING**
- 4:45-5:30 SCAFS BUSINESS MEETING**

POSTERS

Kyra Marsigliano; University of South Carolina. Building a DNA Barcoding Database for Atlantic Billfishes.

Alexandra Hooks; University of South Carolina. Phylogenetic Relationships of an Imperiled Undescribed Species of Madtom (Genus *Noturus*).

Katherine Allen; University of South Carolina. Genetic Evaluation of Recent Population Bottlenecks in Gag Grouper (*Mycteroperca microlepis*).

Lindsay Gerzel; Furman University. Biomarker Responses of Chubs and Sunfish to Polyaromatic Hydrocarbons (PAH).

Peter Calomiris; Furman University. The Use of Biomarkers to Determine Tolerance of *Centrarchidae* to Polyaromatic Hydrocarbons in the Saluda River, Northwestern, South Carolina, USA.

Daniel Farrae*, Justin Yost, Karl Brenkert, Tanya Darden & Mike Denson; SC Department of Natural Resources. Evaluation of Habitat Utilization, Recruitment Bottlenecks and Movement of a Coastal Striped Bass Population.

Matt J. Walker*, Tanya L. Darden, and Michael R. Denson; SC Department of Natural Resources. Potential Genetic Tool for Age Estimation of Long-Lived Fishes.

Carolyn Tarpey*, Beth Cushman, Tanya Darden & Bill Post; SC Department of Natural Resources. Population Recovery of American Shad in the Edisto River, SC: Using Genetics to Characterize Population Dynamics and Stocking Contribution.

C. Michelle Willis; SC Department of Natural Resources. Weakfish, *Cynoscion regalis*, Diet: A Preliminary Glimpse.

Nancy J. Brown-Peterson, David M. Wyanski*, Susan K. Lowerre-Barbieri, Francisco Saborido-Rey, Jonna Tomkiewicz and Beverly J. Macewicz; University of Southern Mississippi, SC Department of Natural Resources, Florida Fish and Wildlife Conservation Commission, Instituto de Investigaciones Marinas, Technical University of Denmark, National Marine Fisheries Service. Reproductive Cycles in Southeastern U.S. Fishes: Importance of Standardized Terminology.

Blaik Pulley; SC Department of Natural Resources. Boater Sewage and how the South Carolina Clean Vessel Act Program is Working to Protect Aquatic Resources.

Sarah Goldman*, Angela Rourk, Mark Collins & Marcel Reichert; SC Department of Natural Resources. Effects of Simulated Commercial Harvest on Mummichogs in Tidal Creeks in South Carolina, USA.

Laurie DiJoy; SC Department of Natural Resources. A Comparison of the Age, Growth, and Reproductive Biology Of Bank Sea Bass, *C. ocyurus*, and Black Sea Bass, *C. striata*, off the Atlantic Coast of the Southeastern United States.

THURSDAY FEBRUARY 10

CONTINENTAL BREAKFAST: 7:30 to 9

SESSION 4 Student Presentations

- 9:00 Justin Lewandowski; University of South Carolina. Genetic stock identification and migration in black sea bass (*Centropristis striata*) along the western Atlantic coast and Gulf of Mexico.
- 9:15 Dawn M. Glasgow; SC Department of Natural Resources. Photographic Evidence of Temporal and Spatial Variation in Hardbottom Habitat and Associated Biota of the Southeastern U.S. Atlantic Continental Shelf.
- 9:30 Carolyn Hendrix; College of Charleston MES & SC Department of Natural Resources. Retention of Three Types of Tags Applied to Adult Red Drum.

9:45 Shiffman*, D. (GPMB, College of Charleston), Frazier, B. (SCDNR), Kucklick, J. (NIST, Hollings Marine Lab), Roumillat, B. (SCDNR), Sutton, T. (Virginia Institute of Marine Science), Parsons, K. (Virginia Institute of Marine Science), Abel, D. (Coastal Carolina University), and Sancho, G. (College of Charleston). Detection of an Ontogenetic Shift In the Diet of a Heavily Exploited Shark Species (*Carcharhinus plumbeus*, nardo 1827) Using Minimally Invasive $\Delta^{13}\text{C}$ and $\Delta^{15}\text{N}$ Stable Isotope Analysis

10:00 – 10:15 BREAK

SESSION 5

10:15 Joseph C. Ballenger; SC Department of Natural Resources. Population Dynamics of Black Sea Bass along the Southeastern Coast of the United States: Temporal and Spatial Patterns.

10:30 Marcel Reichert*; Jessica Stephen, Joseph Ballenger, and David Wyanski, SC Department of Natural Resources. Trends of CPUE and Life History Trends of 15 Reef Fish Species From Atlantic Waters Off the SE US Coast (1980-2010).

10:45 Robert Wiggers; SC Department of Natural Resources. The South Carolina Marine Game Fish Tagging Program. Education, Outreach, and Research through a Public Partnership.

11:00 Ron Ahle; SC Department of Natural Resources. Setting Instream Flows for Saluda Hydroelectric Project No. 516.

11:15 ADJOURN AND CLEAN-UP

THANK YOU TO ALL OUR SPONSORS FOR THEIR SUPPORT!!!!!!

