

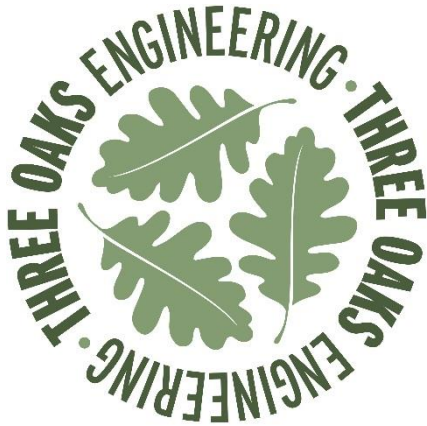


2017 Meeting of the North Carolina Chapter of
the American Fisheries Society and the North
Carolina Freshwater Mollusk Workgroup

Tuesday, February 14th – Thursday, February 16th, 2017

New Bern Riverfront Convention Center
203 South Front Street
New Bern, NC 28560

We would like to thank our sponsors of the
28th annual meeting of the North Carolina
Chapter of the American Fisheries Society



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February 14-16, 2017
New Bern, NC

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| Program at a glance | |
|------------------------------|---|
| Tuesday 14 February | |
| 0930 – 1700 | NC Freshwater Mollusk Workgroup Meeting |
| 1830 – 2200 | Social (Bern Room at Bridge Pointe Hotel) |
| Wednesday 15 February | |
| 0800 – 1130 | NCAFS Workshop – Freshwater Mussel Identification |
| 1130 – 1245 | Lunch (on your own) |
| 1245 – 1300 | Opening comments |
| 1300 – 1800 | NCAFS Meeting Registration |
| 1300 – 1510 | Contributed papers |
| 1510 – 1530 | Afternoon Break |
| 1530 – 1740 | Contributed papers |
| 1900 – 2200 | Dinner, raffle, and poster session (Bern Room at Bridge Pointe Hotel) |
| Thursday 16 February | |
| 0800 – 0950 | Contributed papers |
| 0950 – 1010 | Morning Break |
| 1010 – 1230 | Contributed papers |
| 1230 – 1345 | Lunch (on your own) |
| 1345 – 1500 | NCAFS Business Meeting |

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| Tuesday 14 February | |
|------------------------------|---|
| TIME | New Bern River Front Convention Center - Tryon Room A |
| 0930 – 1700 | NC Freshwater Mollusk Workgroup <i>Rachael Hoch</i> |
| 1830 – 2200 | Social, Bern Room at Bridgepointe Hotel & Marina |
| Wednesday 15 February | |
| TIME | New Bern River Front Convention Center - Berne Room (upstairs) |
| 0800 – 1130 | NCAFS Continuing Education Workshop: Freshwater Mussel Identification <i>Tim Savidge, Three Oaks Engineering</i> <i>Rachael Hoch, NCWRC</i> <i>Tyler Black, NCWRC</i> |
| 1130 – 1245 | Lunch (on your own) |
| 1245 – 1300 | Opening remarks – <i>Michael Gangloff, NCAFS President</i> |
| | Session 1: Nongame Fauna – Augmentation, Contaminants, and Analysis Moderator: <i>Andrea Leslie, NCWRC</i> |
| 1300 – 1320 | Population Augmentation and Monitoring of the Tar River Spiny mussel <i>Tom Fox, NCWRC</i> |
| 1320 – 1340 | Aquatic Fauna Restoration in the Cheoah River <i>Steve Fraley, NCWRC</i> |
| 1340 – 1350 | Gap Analysis and Survey Updates for Crayfishes in North Carolina's Piedmont and Coastal Plain <i>Brena Jones, NCWRC (Lightning)</i> |
| 1350 – 1410 | A Comparison of <i>in Vitro</i> and <i>in Vivo</i> Propagated Juvenile Mussels: Do Propagation Method and Age Influence Juvenile Chemical Sensitivity? <i>Anakela Popp, NCSU – Student</i> |
| 1410 – 1430 | Known Knowns, Known Unknowns, and Unknown Unknowns: Phylogenetics of the Freshwater Mussel Genus <i>Elliptio</i> <i>Michael Gangloff, ASU</i> |
| 1430 – 1450 | Intersex, Contaminants, and Fish in a Regulated Southeastern River <i>Casey Grieshaber, NCSU – Student</i> |
| 1450 – 1510 | Contaminant Dynamics in the Food Web of a Large Southeastern Regulated River: Implications of Common and Imperiled Species <i>Tiffany Penland, NCSU – Student</i> |
| 1510 – 1530 | BREAK |
| | Session 2: Sportfish – Genetics, Assessments, and Monitoring Moderator: <i>Michael Fisk, NCWRC</i> |
| 1530 – 1550 | Trout Fishery Assessment of the Chattooga River, Jackson County, North Carolina <i>Matthew Stillwell, NCDWR</i> |
| 1550 – 1600 | Long-Term Monitoring of White Bass in B. Everett Jordan Reservoir, North Carolina <i>Kelsey Lincoln, NCWRC (Lightning)</i> |

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| 1600 – 1610 | Determining the Effects of Multiple Sites for Stocking Striped Bass Fingerlings in Badin Lake, North Carolina Using Parentage Based Tagging <i>Lawrence Dorsey, NCWRC (Lightning)</i> |
| 1610 – 1630 | The Use of Parentage-Based Tagging to Evaluate Stocking Efforts in the Dynamic Walleye Fishery of Lake James, North Carolina <i>Chris Wood, NCWRC</i> |
| 1630 – 1640 | Genetic Characteristics of Wild Brook Trout Populations in North Carolina <i>Jake Rash, NCWRC (Lightning)</i> |
| Session 3: Partnerships Moderator: Ryan Heise, Duke Energy | |
| 1640 – 1700 | Development and Evaluation of the North Carolina Fishing Trail <i>Mark Fowlkes, NCWRC</i> |
| 1700 – 1720 | Little Tennessee River Basin Native Fish Conservation Partnership: Aquatic Conservation on a Landscape Scale <i>Andrea Leslie, NCWRC</i> |
| 1720 – 1730 | Sicklefin Redhorse Candidate Conservation Agreement and Partnership <i>Steve Fraley, NCWRC (Lightning)</i> |
| 1730 – 1740 | The new Kerr Reservoir Water Control Plan: a Case Study in Agency and Stakeholder Cooperation <i>Jeremy McCargo, NCWRC (Lightning)</i> |
| TIME | Bridge Pointe Hotel & Marina – Bern Room |
| 1900 – 2200 | Poster Session |
| | Factors Influencing the Distribution of <i>Leptoxis dilatata</i> in the Upper New River Drainage in North Carolina <i>Victoria Fowler, ASU – Student</i> |
| | Museum Collections Yield Historical and Other Information Vital to the Conservation and Management of North Carolina Molluscan Fauna <i>Steve Fraley, NCWRC</i> |
| 1900 – 2200 | Dinner, Raffle, and Poster Session |
| Thursday 16 February | |
| TIME | New Bern River Front Convention Center - Berne Room (upstairs) |
| | Session 4: Non-game Fish – Their Distribution, Communities, and Ecology Moderator: Steve Fraley, NCWRC |
| 0800 – 0820 | Fish Collecting in Thailand <i>Fritz Rohde, NMFS</i> |
| 0820 – 0840 | Use of USFW MaxEnt Model for Smoky Dace (<i>Clinostomus funduloides</i>): Groundtruthing and Model Improvement <i>Luke Etchison, NCWRC</i> |
| 0840 – 0850 | Evaluating Fish Communities in Urban Streams in North Carolina <i>Bryn Tracy, NCDWR (Lightning)</i> |

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| 0850 – 0900 | Stream Fish Ecology Across an Urban-Rural Environmental Gradient <i>Emilee Wooster, NCSU – Student (Lightning)</i> |
| 0900 – 0920 | Phenology, Ontogeny, and Growth of Six Sympatric Suckers in North Carolina <i>Tomas Ivasauskas, NCSU – Student</i> |
| 0920 – 0930 | Roanoke Logperch Recovery in North Carolina <i>T. R. Russ, NCWRC (Lightning)</i> |
| 0930 – 0950 | Distribution of Darters in Mecklenburg County Streams <i>Caroline Burgett, Charlotte-Mecklenburg Storm Water Services</i> |
| 0950 – 1010 | BREAK |
| | Session 5: Coastal Rivers – Hurricanes, Anadromous, and Hand-crankers Moderator: Katy Potoka, NCWRC |
| 1010 – 1030 | Evaluation of Recreational Hand-Crank Electrofishing on Catfish in the Cape Fear River <i>Michael Fisk, NCWRC</i> |
| 1030 – 1050 | Changes in River Herring Spawning Phenology Within the Albemarle Sound Watershed <i>Steven Lombardo, NCSU - Student</i> |
| 1050 – 1100 | Post Hurricane Matthew Sport Fish Assessment in the Tar and Neuse Rivers <i>Ben Ricks, NCWRC (Lightning)</i> |
| 1100 – 1120 | Striped Bass (<i>Morone saxatilis</i>) and American Shad (<i>Alosa sapidissima</i>) Spawning Distribution in the Cape Fear River <i>Clint Morgeson, NCWRC</i> |
| | Session 6: Marine Ecosystems: Tagging and Reef Management Moderator: Michael Gangloff, ASU |
| 1120 – 1140 | Estimating Mortality for Southern Flounder Using a Combined Telemetry and Conventional Tagging Approach <i>Trevor Scheffel, UNCW – Student</i> |
| 1140 – 1200 | Estimating Delayed Mortality of Gray Triggerfish Using Surface and Bottom Tagging <i>Brendan Runde, NCSU – Student</i> |
| 1200 – 1220 | Seismic Survey Noise Disrupted Fish Use of a Temperate Reef <i>Avery Paxton, UNC-CH – Student</i> |
| 1220 – 1230 | Can Soundscapes Be Used to Monitor Estuarine Fish Responses to Oyster Reef Restoration? <i>Olivia Caretti, NCSU – Student (Lightning)</i> |
| 1230 – 1345 | LUNCH – on your own |
| 1345 – 1500 | NCAFS Business Meeting, Berne Room Adjourn |