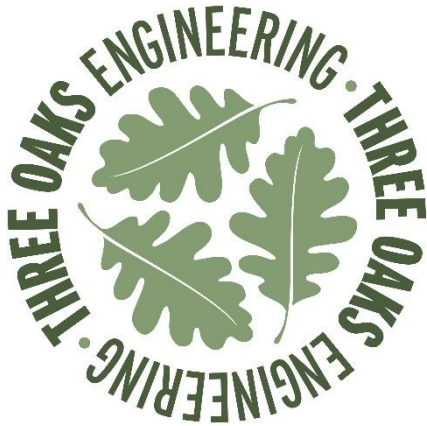


2017 Meeting of the North Carolina Chapter of
the American Fisheries Society and the North
Carolina Freshwater Mollusk Workgroup

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