



# Iowa AFS/TWS Joint Meeting

## February 12-13, 2019

Honey Creek Resort State Park – Iowa

Main Ballroom

Tuesday February 12 <sup>th</sup>		
12:00-	1:00	<b>Lunch (provided in registration)</b> <b>Registration- \$70 (Students \$50) +dues \$10 (TWS), \$15 (IAFS)</b> <b>Officer Voting (TWS)</b>
1:00-	1:15	<b>Welcome and Introductions</b>
		<b>Moderator: Nick Baumgarten</b>
1:15	2:30	Plenary Speaker - Land Tawney, Backcountry Hunters and Anglers
2:30	3:00	Black Hawk Lake and Watershed Restoration Project – Clint Maddix, Iowa DNR, Ben Wallace, Iowa DNR, and TJ Lynn, Sac County SWCD
3:00	3:20	<b>Break</b>
		<b>Moderator: Scott Grummer</b>
3:20	3:40	Oxbows to the Rescue! – Karen Wilke, The Nature Conservancy of Iowa
3:40	4:00	Meskwaki Department of Natural Resources – Overview and Collaboration Opportunities – Jarrett Pfrimmer, Meskwaki DNR
4:00	4:20	Investigating hunting and fishing license purchase patterns – Jeff Kopaska, Iowa DNR
4:30	5:30	<b>Business Meetings</b>
5:30	6:30	<b>Poster Social</b>
6:30	7:30	<b>Dinner (provided in registration)</b>
7:30		<b>Social, Raffle, and Auction</b>

### POSTER PAPERS:

Estimating post-stocking advanced fingerling Walleye <i>Sander vitreus</i> mortality – Emily E. Ball and Michael J. Weber, Iowa State University
Adult Yellow Perch <i>Perca flavescens</i> stockings in four Central Iowa community systems – Stephen J. Grausgruber and Joseph E. Morris, Iowa State University
Stream habitat characteristics influencing non-game Species of Greatest Conservation Need in the Iowa Driftless Area – Brett Kelly, Michael Siepker, and Michael J. Weber, Iowa DNR and Iowa State University
Bluegill ( <i>Lepomis macrochirus</i> ) habitat use in the Upper Mississippi River – Ethan Rutledge, West Virginia University
Modeling nearshore fish community responses to shoreline types in Lake Erie – Martin A. Simonson, Iowa State University
Effects of four culling systems on Largemouth Bass physiology and survival – Andrea Sylvia, Thomas Hanson, and Michael J. Weber, Iowa State University



## Wildlife Society Agenda:

Ballrooms A and B

<b>Wednesday February 13<sup>th</sup></b>		
6:30	7:45	<b>Breakfast (provided in registration) and Late Registration</b>
		<b>Moderator: Pete Hildreth</b>
8:00	8:20	Evaluation of methods for aging male white-tailed deer ( <i>Odocoileus virginianus</i> ) in Iowa – Daniel M. Adams, Iowa State University
8:20	8:40	Using spotlight observations to predict resource selection and abundance of white-tailed deer in Iowa – Dan J. Kaminski, Iowa DNR
8:40	9:00	Depredation of simulated wild turkey nests by feral swine – Heather N. Sanders, Iowa DNR
9:00	9:20	Monarch Patterns of Site Occupancy in Iowa – Rachel A. Vanausdall, Iowa State University
9:20	9:40	Managing Dogwood Cornus sp. - Dogwood Spray Trials at the Nishnabotna Wildlife Management Unit – Matt Dollison, Iowa DNR
9:40	10:00	Profiling State Wildlife Areas - Mick Klemsrud, Iowa DNR
10:00	10:20	<b>Break</b>
		<b>Moderator: Dusten Paulus</b>
10:20	10:40	River Restoration in Iowa - Is there anything fishy going on here? – Jeff Kopaska, Iowa DNR
10:40	11:00	When stopover areas become wintering areas: analyzing the spring waterfowl migration of 2018 – Derek C. Ballard, Iowa State University
11:00	11:20	Comparison of breeding waterfowl detection probabilities between ground-based and aerial surveys – Tyler M. Harms, Iowa DNR
11:20	11:40	Managing Wildlife Management Area Forests starts with a plan – Chad Paup and Randy Goerndt, Iowa DNR
11:40	12:00	CWD Update – Terry Haindfield, Iowa DNR
12:00		<b>Adjourn</b>



## American Fisheries Society Agenda:

Ballroom C

<b>Wednesday February 13<sup>th</sup></b>		
6:30	7:45	<b>Breakfast and Registration</b>
		<b>Moderator: Mike Hawkins</b>
8:00	8:20	Assessing post-stocking predation on fingerling Walleye Sander vitreus – Emily E. Ball, Iowa State University
8:20	8:40	Post-stocking behavior and survival of age-0 Walleye in two central Iowa reservoirs – Robert E. Weber III, Iowa State University
8:40	9:00	Use of a mark-recapture model to evaluate bass tournament mortality – Andrea Sylvia, Iowa State University
9:00	9:20	A preliminary evaluation of liberalized tournament regulations on a Largemouth Bass population – Brandon C. Maahs, Iowa State University
9:20	9:40	A historical look at Rathbun Reservoir's bathymetry, land use, fisheries, and anglers – Lewis Bruce, Iowa DNR
9:40	10:00	Preliminary assessment of Common Carp and Bigmouth Buffalo population characteristics following commercial harvest – Martin A. Simonson, Iowa State University
10:00	10:20	<b>Break</b>
		<b>Moderator: Ryan Hupfeld</b>
10:20	10:40	Fish and habitat response to removal of the Rockford Dam on the Shell Rock River – Gregory T. Gelwicks, Iowa DNR
10:40	11:00	Environmental factors affecting Brook Trout and Brown Trout occupancy and detection probability in the Iowa Driftless Area – Brett Kelly, Iowa State University
11:00	11:20	Reproduction of Silver Carp and Bighead Carp along the Upper Mississippi River invasion front – Nathan A. Tillotson, Iowa State University
11:20	11:40	Reproduction dynamics of Silver and Bighead Carp within the Upper Mississippi River – Aaron Matthews, Iowa State University
11:40	12:00	Topeka Shiner introduction and monitoring in the Spring Creek Watershed, Missouri – John Lorenzen, Iowa DNR
12:00		<b>Adjourn</b>