

“Anglers, Science and Management II” (Hugh C. Becker Muskie Symposium, Minnetonka, MN)

Moderator: Steve Pallo

Maintaining momentum in Ohio’s stocked muskellunge fisheries through an angler agency partnership. Scott Hale, OH DNR

A management tool for biologists and an online fishing resource for anglers: an introduction to the Ohio muskie angler log. Curtis Wagner, OH DNR

Integrating voluntary angler catch reports with mark-recapture data to model a muskellunge fishery in Clear Fork Reservoir, Ohio. Kevin Page, OH DNR

Managing and monitoring muskellunge populations in Eastern Georgian Bay and the North Channel of Lake Huron- a twenty year retrospective. Arunas Liskauskas, Ontario Ministry of Natural Resources and Forestry

“Muskellunge Habitat” (Hugh C. Becker Muskie Symposium, Minnetonka, MN)

Moderator: Jeff Reed, MN DNR

Spawning Habitat for Muskellunge is far more variable than we ever expected- even 2 years ago. Jim Diana, University of Michigan

Fine – scale features of muskellunge spawning grounds in Georgian Bay. Dan Weller, McMaster University

Index of nursery habitat suitability for muskellunge in Georgian Bay, Lake Huron. John Paul Leblanc, McMaster University

Effects of water level and substrate slope on availability of suitable habitat for young-of-the-year muskellunge in Georgian Bay. Patricia Chow-Fraser, McMaster University

Habitat use by age-0 muskellunge in the upper Niagara River, New York. Derek P. Crane, Lake Superior State University

Spring flow variability associated with muskellunge recruitment on the upper James River, VA. Daniel B. Goetz, Virginia Department of Game and Inland Fisheries

Evaluating spawning habitat and natural recruitment of great lakes spotted muskellunge in Green Bay, Lake Michigan. David Rowe, WI DNR

“Muskellunge Population Dynamics” (Hugh C. Becker Muskie Symposium, Minnetonka, MN)

Moderators: Ben Heussner, WI DNR, and Jim Diana, University of Michigan

St. Lawrence River muskellunge and effects of invasive species and VHSV: population indicators and potential effects of emerging viral variants. John M. Farrell, State University of New York

Die – off of muskellunge (*esox masquinongy*) in the upper St. Lawrence River caused by viral haemorrhagic septicaemia, 2005-2008: impacts and consequences. John Casselman, Queen’s University

A modeling evaluation of multiple threats to Lake St. Clair muskellunge. Jason Smith, Little Traverse Bay Bands of Odawa Indians

Effect of stocking and biotic and abiotic factors on muskellunge recruitment in Northern Wisconsin Lakes. Michael Hansen, University of Wisconsin-Stevens Point

Electrofishing catchability of juvenile muskellunge in Northern Wisconsin Lakes. Janice Kerns, University of Wisconsin-Stevens Point

Muskellunge population responses to angler catch and release practices in Escanaba Lake, WI, 1987-2015. Lawrence D. Eslinger, WI DNR

Effects of consumption-oriented versus trophy oriented fisheries on muskellunge population size structure in Northern Wisconsin. Matthew Faust, University of Wisconsin-Stevens Point

Haters gonna hate (esox edition): user –group conflicts and vigilante justice in the age of social media. Brian R. Murphy, Virginia Tech

Can they play nicely? Creating and managing a two-predator system. Sasha Doss, Virginia Tech

“Muskellunge Assessment Techniques” (Hugh C. Becker Muskie Symposium, Minnetonka, MN)

Moderator: Derek Crane, CCU

Using long-term mark-recapture data to assess muskellunge population characteristics: application to two Illinois reservoirs. Neil P. Rude, Southern Illinois University

A comparison of muskellunge weight estimation equations to a modified length-girth technique. Jonathan Meerbeek, Iowa DNR

The birth of a muskie lake: a strategy for assessing survival, age and growth. Jordan G. Weeks, WI DNR

Understanding muskellunge growth using PIT-tag recapture data in lakes in Northwestern Wisconsin. Timothy Parks, WI DNR

Assessment of Leech Lake strain musky stocking in Lake Wissota, WI. Joseph Gerbyshak, WI DNR

Population estimate of adult muskellunge in Lake Bemidji. Andrew P. Wiering, MN DNR

“Muskellunge Genetics” (Hugh C. Becker Muskie Symposium, Minnetonka, MN)

Moderator: Kevin Kapusinski, LSSU

A review of muskellunge population genetics: implications for management and research directions.
Loren Miller, MN DNR

Genetic insights into wild muskellunge populations in Ontario. Chris Wilson, Ontario Ministry of Natural Resources and Forestry

Population genomics of muskellunge (*esox masquinongy*) in the St. Lawrence River and the inland waters of Quebec (Canada): impact of 47 years of stocking and management implications of a trophy fishery.
Anne Carrier, Université Laval

Muskellunge genetic integrity and structure in the Great Lakes: implications for propagation programs.
Keith Turnquist, University of Wisconsin – Stevens Point

Water wolves and tigers: testing for directional hybridization and introgression between northern pike (*esox lucius*) and muskellunge (*esox masquinongy*). Cait Nemecek, Trent University

“Regional Management Approaches” (Hugh C. Becker Muskie Symposium, Minnetonka, MN)

Moderators: Steve Gilbert, WI DNR, and Janice Kerns, UWSP

130 years of muskellunge management on Chautauqua Lake. Christopher Legard, New York Department of Environmental Conservation

Ontario’s approach to the management of muskellunge. Dan Taillon, Ontario Ministry of Natural Resources and Forestry

Managing muskellunge fishing tournaments in a north central Wisconsin county. Dave Saibel, WI DNR

Evaluation of survival and growth differences of geographically distinct stocks of muskellunge introduced into three Midwestern reservoirs. Curtis Wagner, OH DNR

Managing muskie on the fringe: an examination of Nebraska’s efforts to provide quality fishing outside the native range. Keith D. Koupal, Nebraska Game and Parks Commission

Muskellunge in Eastern South Dakota. Brian G. Blackwell, South Dakota Department of Game, Fish, and Parks

A general assessment of a southern riverine muskellunge (*esox masquinongy*) population. Jason Hallacher, Virginia Department of Game and Inland Fisheries

“Muskellunge Propagation and Stocking” (Hugh C. Becker Muskie Symposium, Minnetonka, MN)

Moderator: Cory Kovacs, MI DNR

Realized effects of implementing a genetic broodstock management plan for muskellunge in Wisconsin. Justin A. Vandehay, University of Wisconsin-Stevens Point

Paternity analysis of pooled-milt spawning practices for muskellunge broodstocks. Loren Miller, MN DNR

Growth, condition, and short-term survival of age-0 muskellunge reared using two different techniques. Michael F. Vaske, University of Wisconsin-Stevens Point

An overview of the Lake Simcoe muskellunge restoration project. Gabrielle Liddle, Ontario Ministry of Natural Resources and Forestry

“Anglers, Science and Management III” (Hugh C. Becker Muskie Symposium, Minnetonka, MN)

Moderator: Steve Pallo

The Saint John River muskellunge tagging project, 2006-2015. Steven J. Kerr, Ontario Ministry of Natural Resources

Assessment of a riverine muskellunge population in Minnesota. Owen Baird, MN DNR

Muskellunge stock assessment in two north central Minnesota lakes aided by angler participation. Matthew C. Ward, MN DNR

“Poster Session” (Hugh C. Becker Muskie Symposium, Minnetonka, MN)

Brood source identification and the effects of supplementation on muskellunge in the Great Lakes. Patrick Hanchin, MI DNR

Development of a cooperative relationship with the Wisconsin Department of Natural Resources (WDNR) for the purpose of side by side research of differential species of muskellunge stocking. Winston J. Hopkins, Capital City Muskies Inc.

Predicting abundance of adult muskellunge in northern Wisconsin lakes. Janice Kerns, University of Wisconsin-Stevens Point

Influence of habitat additions on survival, growth, and condition of extensively-reared muskellunge. Daniel J. Dembkowski, University of Wisconsin-Stevens Point

Lake Monona paired comparison of Leech Lake and Chippewa River strain Muskellunge. David Rowe, WI DNR

Long-term changes in Wisconsin’s muskellunge fishery. Timothy D. Simonson, WI DNR

Effects of a 40-inch minimum length limit on muskellunge in Wisconsin lakes. Timothy D. Simonson, WI DNR