

Day 1 - Presentation Schedule

November 29, 2006

9:00 - 12:00 Habitat Use and Juvenile Ecology

1. Spawning habitat enhancement through flow manipulation
Mike Friday (Ontario MNR)
2. The effect of water velocity on adhesion and survival of lake sturgeon eggs in an experimental raceway
Steve Peake (University of New Brunswick)
3. Abundance and mortality of early-life stages of lake sturgeon in the Peshtigo River, Wisconsin
David Caroffino (Purdue University)
4. Vulnerability of larval lake sturgeon to predation and evaluation of the bigger is better hypothesis
Patrick S. Forsythe (Michigan State University)
5. Ecology and habitat use of juvenile lake sturgeon downstream of a hydroelectric generating station on the Winnipeg River
Cameron Barth (University of New Brunswick)
6. Juvenile sturgeon movement patterns and habitat utilization in the St. Clair River
Katie Lord Donald (University of Michigan)
7. Determination of lake sturgeon habitat availability in northern Lake Michigan tributaries: applications to the restoration process
Dan Daugherty/Trent Sutton (Purdue University)

11:30 - 12:00 Facilitated Discussion Session

1:00 - 4:00 Genetics and Management Implications

8. Evaluating the usefulness of a remnant lake sturgeon population as a possible source for reintroductions into the Ohio River drainage
Andrea Drauch (University of California - Davis)
9. Reproductive ecology and conservation status of lake sturgeon, *Acipenser fulvescens*: Inferences based on genetic determination of parentage
Kim T. Scribner (Michigan State University)
10. Genetic assignment of open water stocks to rivers of origin and comparative analyses of recruitment in lake sturgeon
Christen Bott (Michigan State University) and Amy Welsh (University of California - Davis and State University of New York - Oswego)
11. Quantification of genetic and environmental factors on variation among early life history traits in lake sturgeon
James A. Crossman (Michigan State University)
12. Evaluation of lake sturgeon stocking strategies using an individual-based model
Amy M. Schueller (Michigan State University)
13. Development of Lake Sturgeon Genetic Stocking Guidelines
Amy Welsh (University of California - Davis and State University of New York - Oswego)

3:20 - 4:00 Facilitated Discussion Session

4:00 - 5:00 Stream Side Rearing

14. Rearing assistance using stream side rearing on the Manistee River
Marty Holtgren (Little River Band of Ottawa Indians)
15. Reintroduction using stream side rearing on the Whitefish & Milwaukee rivers
Ed Baker (Michigan DNR)
16. Volunteer involvement in streamside rearing project on the Milwaukee River
Mark White (Riveredge Nature Center)

4:45 - 5:00 Facilitated Discussion Session

8:00 - 10:45 Sturgeon Legal Issues

17. *Species at Risk Act* and Recovery of the Lake Sturgeon
Fred Hnytka (DFO Canada)
18. Law enforcement for sturgeon in Canada
Francois Daigle (Canadian Wildlife Services)
19. Law enforcement and the sturgeon
Mike Kilby (OMNR, Upper Great Lakes Intelligence)
20. Poaching Prevention/Citizen Watch Black River
Greg Drogowski (Michigan DNR Law)
21. Lake Winnebago sturgeon spearing and spring spawning on the Wolf River enforcement program
Todd Schaller (Wisconsin DNR Law)
22. Menominee River fishery enforcement program
Mike Kitt (Wisconsin DNR Conservation Warden)
23. a) ID of caviars in trade - at the species, river system, and individual levels
b) Distinguishing between caviars from aquaculture raised and wild caught fish
c) Establishing genetic registries for brood stock in aquaculture operations
Steve Fain (USFWS) Sturgeon Forensics

10:45 - 12:00 Panel Discussion Sturgeon Legal Issues

- Steve Fain (USFWS) Sturgeon Forensics
Dan Sheill or Craig Tabor (USFWS LE)
Francois Daigle (Canadian Wildlife Services)
Robert Luke (DFO Conservation & Protection)
Mike Kilby (OMNR LE)
Mike Kitt (WDNR Conservation Warden)
Greg Drogowski (Michigan DNR LE)
Walter Cox (Menominee Indian Tribe of Wisconsin, Law Enforcement Department Director)

12:00 - 1:00 Lunch

24. White Sturgeon Distribution, Movement and Habitat in Western Rivers
Larry Hildebrand (Golder and Associates)

1:00 - 2:00 Assessment Technologies

25. Use of a stream side flow-through holding system as part of a lake sturgeon (*Acipenser fulvescens*) larval survival study
Chris Pullen (Golder Associates)
26. Hydroacoustics
Nancy Auer (Michigan Technological University)
27. Additional potential for PIT technology in lake sturgeon management
Tom Pratt and Lisa O'Connor (DFO)
28. PIT tagging standardization, gear demonstration and distribution, and web based PIT tagging data base
Henry Quinlan (USFWS)

1:50 - 2:00 Discussion Session