

GREAT LAKES LAKE STURGEON COORDINATION MEETING

THOMAS EDISON INN
500 Thomas Edison Parkway
PORT HURON, MI 48060

Tentative Agenda

Wednesday (Cambridge Ballroom)

December 3, 2008

- 7:45 Registration
8:45 Welcome, Introductions, Meeting Goal, Objectives and Format
9:00 Presentations: Timely examples of fisheries and how to manage them
Lloyd Mohr – Limiting Fishing Mortality, A Rehabilitation Tool
Gary Towns – Michigan's St. Clair System Sturgeon Fishery: Results of an Angler Postal Survey
Kevin Reid – Protection of lake sturgeon through the research and development of existing and emerging traceability technologies.
Nancy Auer – Management lessons from ocean fisheries, can they benefit sturgeon and other GL species?
10:20 Break
10:30 Introduction to Group Discussion I: Considering the ecological/social/economic/spiritual role of Lake Sturgeon in Management Goals
Kimberley Tremblay – The role of lake sturgeon in First Nation communities across Northern Ontario; a case study of a Namaygoosisagun First Nation project in remote Smoothrock Lake.
Henry Quinlan/Rob Elliott – Considering historic abundance and ecological significance
11:00 Breakout Group Discussion I: 1st ½ - The social/economic/spiritual role of sturgeon
12:00 Lunch (on your own)
1:00 Breakout Group Discussion I: 2nd ½ - The ecological role of sturgeon in the Great Lakes
2:00 Discussion Group Summary Reporting and Large Group discussion
3:00 Break
3:15 Presentations: Rehabilitation Techniques – some examples and recommendations
Dave Barbour – Sturgeon Relocation – Is this an effective management tool?
Henry Quinlan – Support for a Basinwide Juvenile Index Survey.
Kim Scribner – Evaluating collection, rearing, and stocking methods for restoration programs.
4:00 Status designations – Agency examples – What is required to “de-list” a species?
Implications for Management Goals, Objectives and Strategies.
4:30-4:45 Adjourn for evening social and Pester Session

Wednesday Evening (The Abby Grand Lobby)

December 3, 2008

- 6:00 - 9:30 Evening Poster Session and Buffet Social
7:00 short remarks from each poster presenter
8:00 & on door prizes and photo/art review and people choice award
(posters can be left up through Day 2)

- 8:00 Presentations – Rehabilitation Plan Examples and Recovery Planning
Allatair Mathers – *Current development of Lake Ontario Sturgeon Management Plan.*
Marty Holtgren – *Development of a Tribal Stewardship Plan for sturgeon.*
Marten Koops and Louise Antonio Velez-Espino – *Advances on lake sturgeon recovery potential in Canadian designatable units: from allowable harm to recovery targets*
L. Mohr – *Summary of Lake Sturgeon Plan Goals and Objectives from Great Lakes region.*
Questions-large group discussion (all presentations)
- 9:30 Break
- 9:45 Breakout Group Discussion II: Developing Meaningful Objectives and Strategies
- 11:00 Discussion Group Summary Reporting and Large Group Discussion
- 12:00 Lunch (group buffet lunch provided)
Video presentation: *Focus on Support to Research Work in the St. Clair River*
– Greg & Kathy Lashbrook
- 1:00 Breakout Group Discussion III: benchmarks and Tools - Measuring success:
- 2:15 Break
- 2:30 Discussion Group Summary Reporting and Large Group Discussion
- 3:45 Presentations: other items of interest

Lisa. O'Connor – *Field investigations of lampricide treatment affects on YOY lake sturgeon.*
Laurent Robichaud & Pamela Reid – *Montcalm Mine Care for Groundhog River Lake Sturgeon.*
Randy Jackson – *Assessment of a restoration stocking program on Oneida Lake.*
Doug Aloisi – *Conservation Strategies of Acipenseridae Species in China.*
- 4:35 Adjourn (Wrap up and turn in evaluation forms)

Video Presentation: *The beauty and bounty of the Great Lakes* – a behind the scenes looks at the making of *Mysteries of the Great Lakes*. Provided by Greg and Kathy Lashbrook.

Posters:

Matthew Altenritter, Grand Valley State University
Recruitment and movement patterns of lake sturgeon in the Muskegon River system.

Greg Kennedy, USGS-Great Lakes Science Center
Lake Sturgeon Spawning Habitat Restoration Efforts in the Detroit River, 2004 – 2008; Lessons learned with regard to Habitat Creation.

Jeffrey Allen, USGS-Great Lakes Science Center
Video Assessment (using SCUBA and under water video) of Belle Isle lake sturgeon artificial spawning bed complex.

Timothy Wilson, Michigan Tech University
Use of otolith length in age determination of juvenile lake sturgeon.

Radley Watkins, Northern Environmental Technologies
Manistee River sturgeon habitat assessment.

Dawn Dittman, USGS-Tunison Laboratory of Aquatic Science
Success of stocked sturgeon in an unexpected system.

Michael Thomas, MDNR-Lake St. Clair Fisheries Research Station
First Record of Polypodium hydriforme, an egg parasite, from lake sturgeon in the St. Clair River, MI.

Jessica Comben and Barbara Evans, Lake Superior State University
Genetic study of lake sturgeon in the St. Mary's River system.

Laurent Robichaud and Pamela Reid, Xstrata Nickel Montcalm Mine
Montcalm Mine Care for Groundhog River Lake Sturgeon.

Dan O'Keefe, Michigan Sea Grant
Educating and Engaging Stakeholders: Outreach Activities in Southwest Michigan.

Betsy Trometer, USFWS - Lower Great Lakes Fishery Resources Office
Lake Sturgeon status and management in the Niagara River.

Caroline Deary, Anishinabek/Ontario fisheries Resource Centre
Movements of adult lake sturgeon in Pic River, Ontario.

USFWS et al., Great Lakes National Fish and Wildlife Conservation Offices
Lake Sturgeon Web Page, Tag ID Database, and Tributary Inventory and GIS Database: Updates.

Michael Donofrio, Wisconsin DNR (tentative)
Long-Term telemetry study of lake sturgeon movement between Green Bay tributaries

Matthew Hale, Purdue University (tentative)
Discovering sex determining genes in lake sturgeon.

Jaquie Craig, USGS Great lakes Science Center, (tentative)
Successful stepping stones to sex identification of lake sturgeon by blood plasma hormones.

Steve Amaral, Alden Research Laboratory, Inc., (tentative)
Passage survival of sturgeon using redesign of fish-friendly turbine for improved downstream passage.