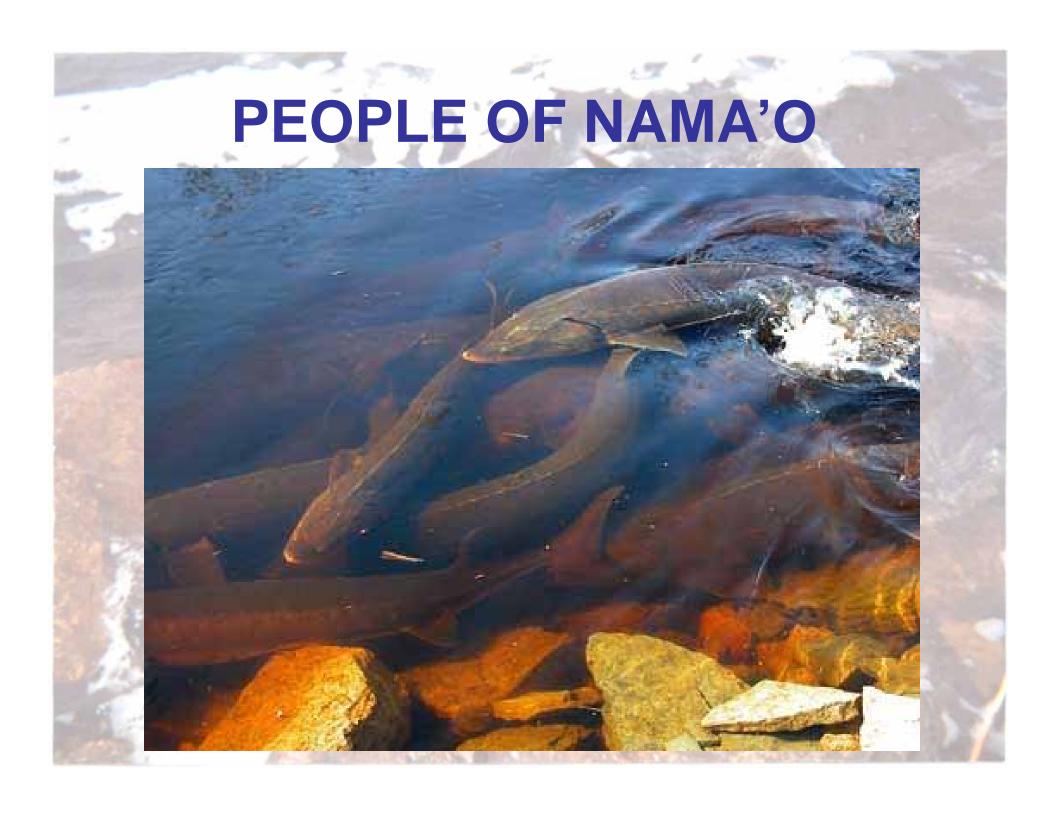
MENOMINEE LAKE STURGEON MANAGEMENT





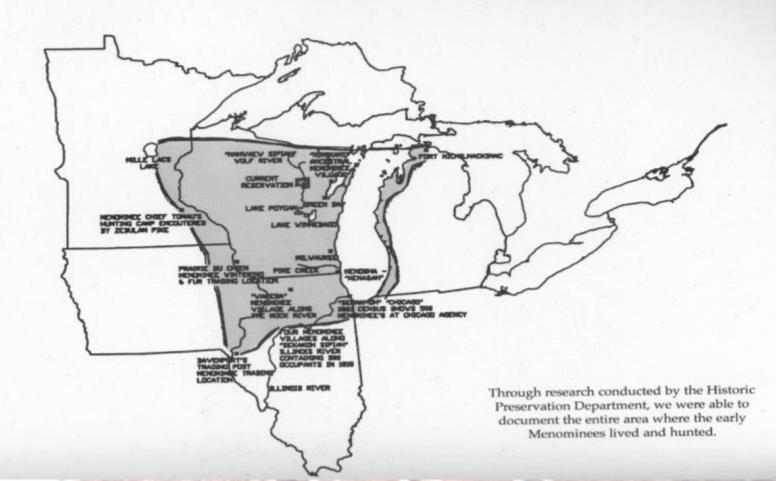
Today's Outline

1.) Short Menominee History on Lake Sturgeon

- 2.) Legend Lake Put-Grow-Take Lake Sturgeon Fishery
- 3.) Wolf River Sonic Tag Lake Sturgeon Research Project

NAMA'O THE SACRED FISH

MENOMINEE TERRITORIAL RANGE 1720-PRESENT







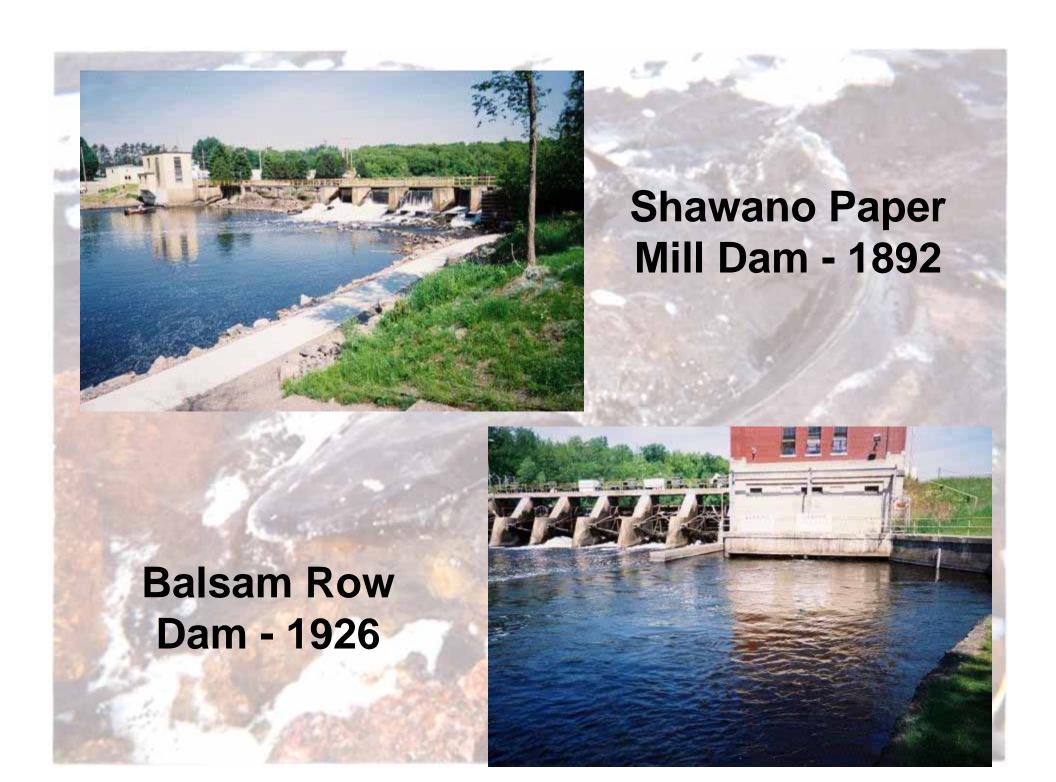






- The Menominee fish dance was performed at Keshena Falls.
- Historically an All Animals dance was performed honoring all wildlife including fish.







- Nama'o the Sacred Fish would come back home (Namao Uskawamit) to Keshena Falls.
- Hundreds of Menominee would witness their return to Keshena Falls
- The sacred drum in Keshena Falls would once again call them home.

Special thanks has to be given to the following departments for all of their input in this continuing process

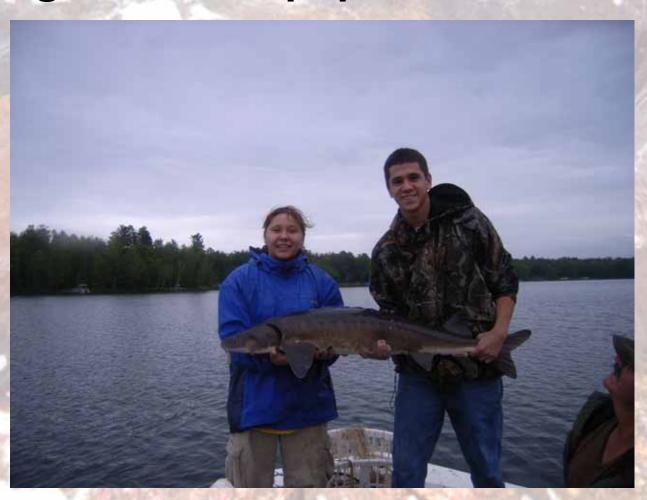
Menominee Conservation/Fish and Wildlife, MITW
Menominee Tribal Legislature
Bureau of Indian Affairs, Minneapolis Area Office
United States Fish and Wildlife Service
Wisconsin Department of Natural Resources
Environmental Services, MITW
Menominee Conservation Commission
Menominee Tribal Members
Sturgeon for Tomorrow
Winnebago Citizens Sturgeon Advisory Committee

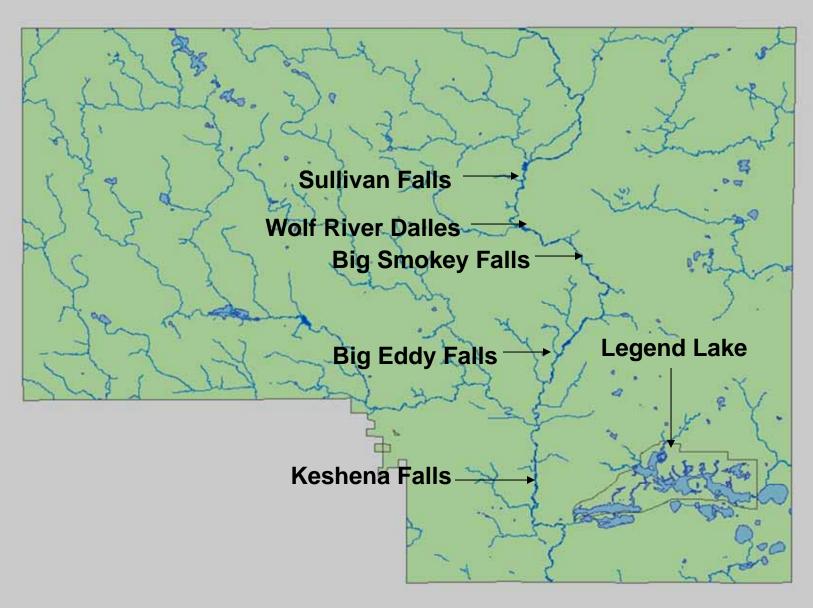
The Menominee/Wisconsin Lake Sturgeon Management Plan

MANAGEMENT GOAL

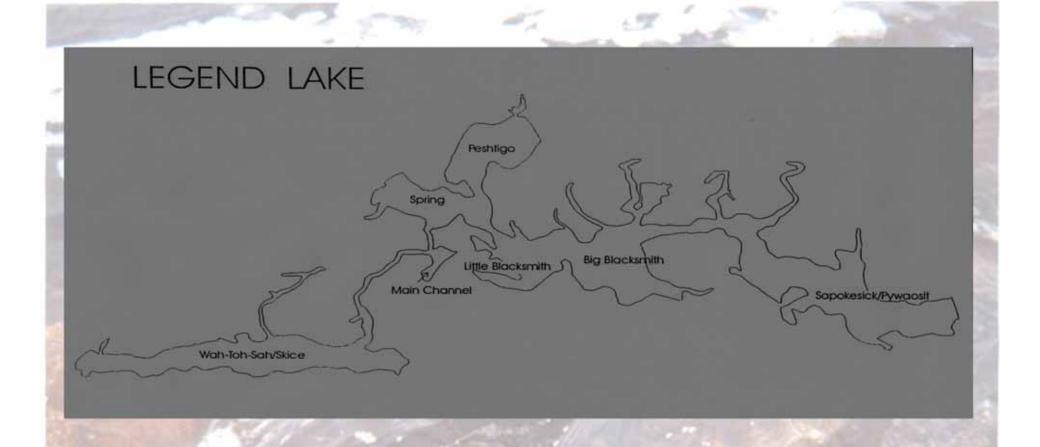
To establish, restore and maintain quality lake sturgeon populations and habitat on the Menominee Reservation that meets tribal needs and is supported by the public

Lake Sturgeon on the Menominee Indian Reservation: An effort towards comanagement and population restoration





WOLF RIVER: FOR VIEWING ONLY NO HARVEST



Put, Grow and Take Lake Sturgeon Fishery



Every Lake Sturgeon Has a PIT Tag

Passive Integrated Transponder tags, or "PIT tags," are small microchips (about the size of a grain of rice) Implanted underneath a bony scute. This is a permanent mark that we will use throughout this fishes life.

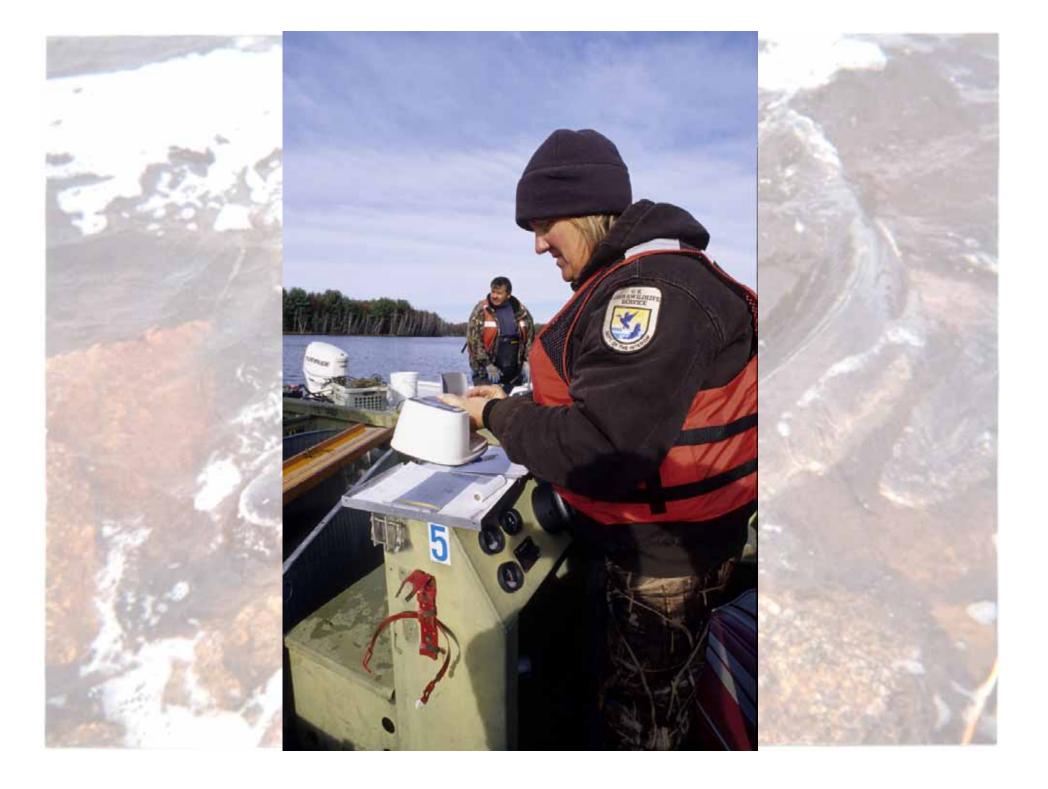
















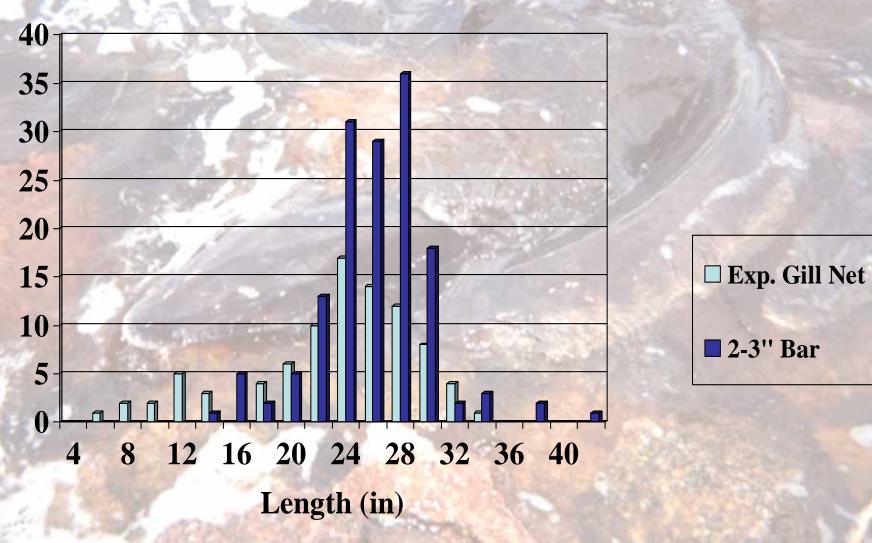
LEGEND LAKE FISH STOCKING

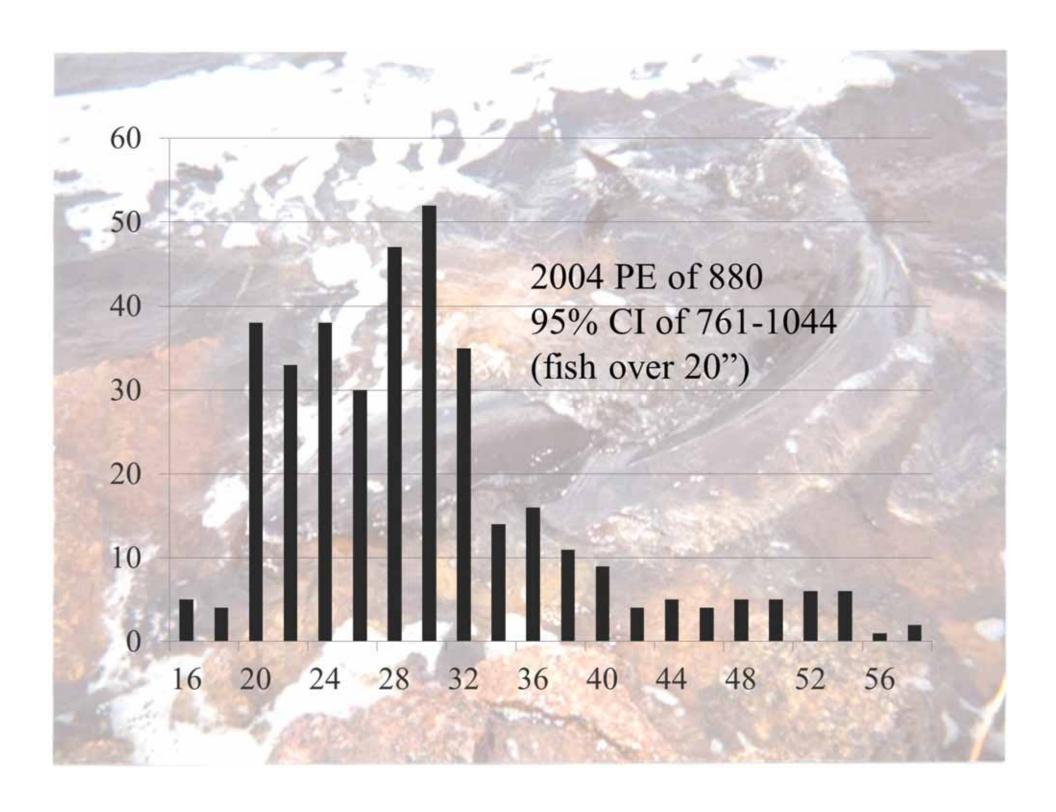
Year Class	Number	Size	Date
1993	600	13	May 94
1994	3560	5	Sept 94
1994	425	12	Apr 95
1995	6180	5-6	Sept 95
1995	323	>20	'99 and '01
1996	1820	6	Sept 96
1998	1010	5.5	Sept 98
1999	8000	6.5	Aug 99
1999	83	23	Jun 01
2000	6880	5-9	'00-'01
2001	21319	3-8	Jul-Aug '01
2002	4000	4-6	Jul '02

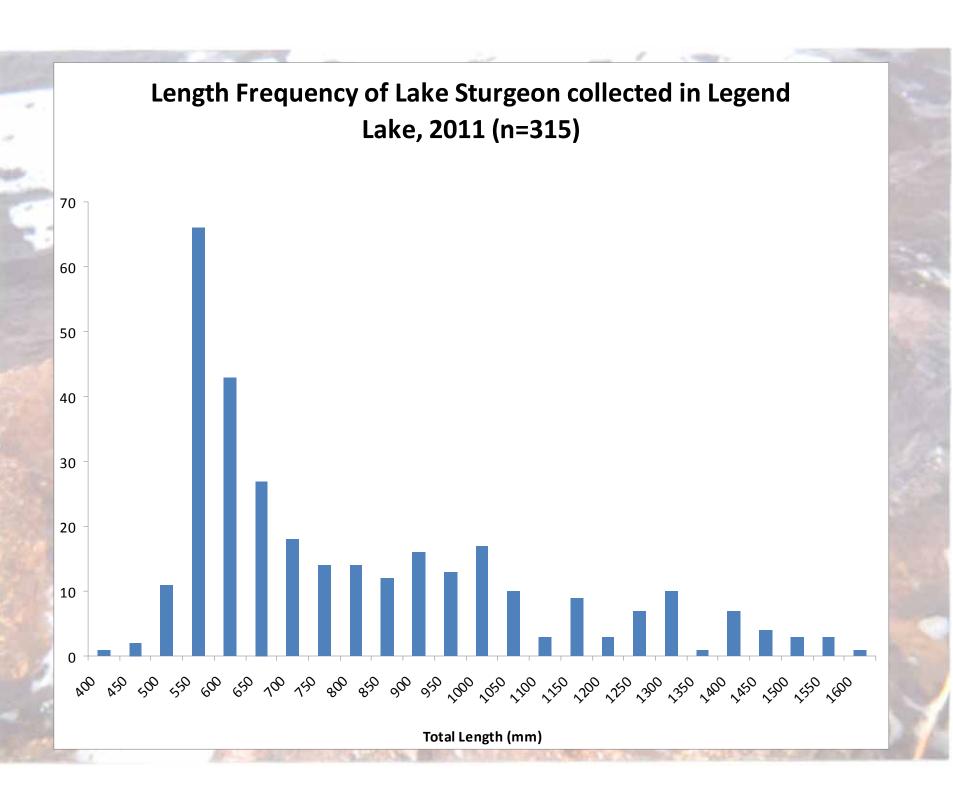
LEGEND LAKE FISH STOCKING

Year Class	Number	Size	Date
2004	1200	217 mm	Aug 2004
2005	1225	297 mm	Apr 2005
2006	397	347 mm	May 2006
2008	1218	351 mm	May 2008
2009	1260	255 mm	Apr 2009
2011	1005	245 mm	Apr 2011
A STATE OF	2000		

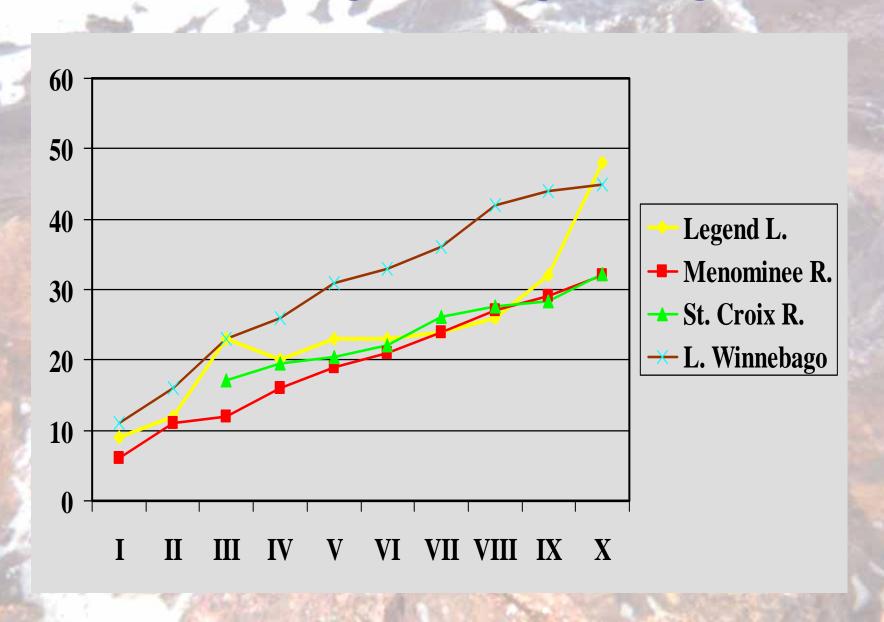
2002 Length Frequency of Lake Sturgeon Captured in Experimental vs. 2-3" Bar Gill Nets



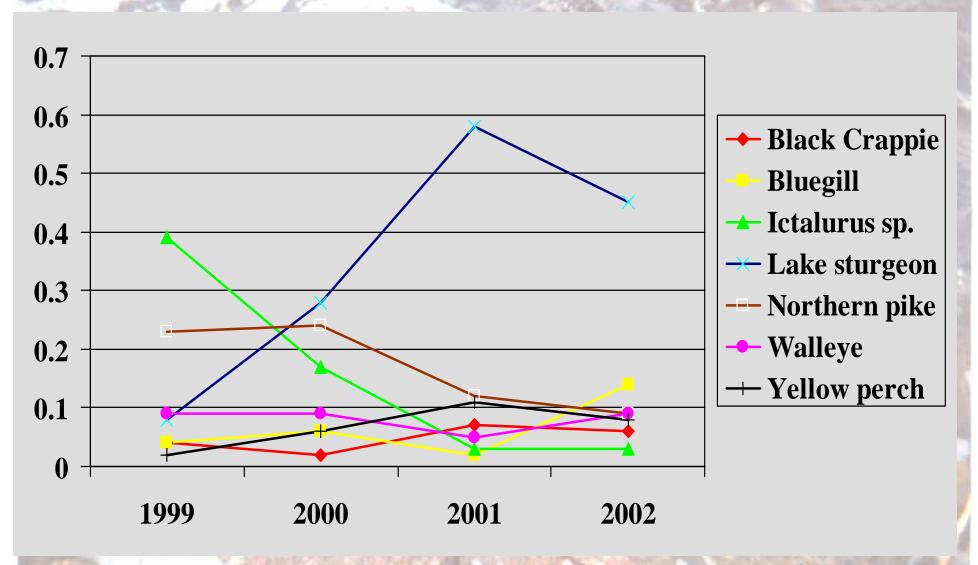


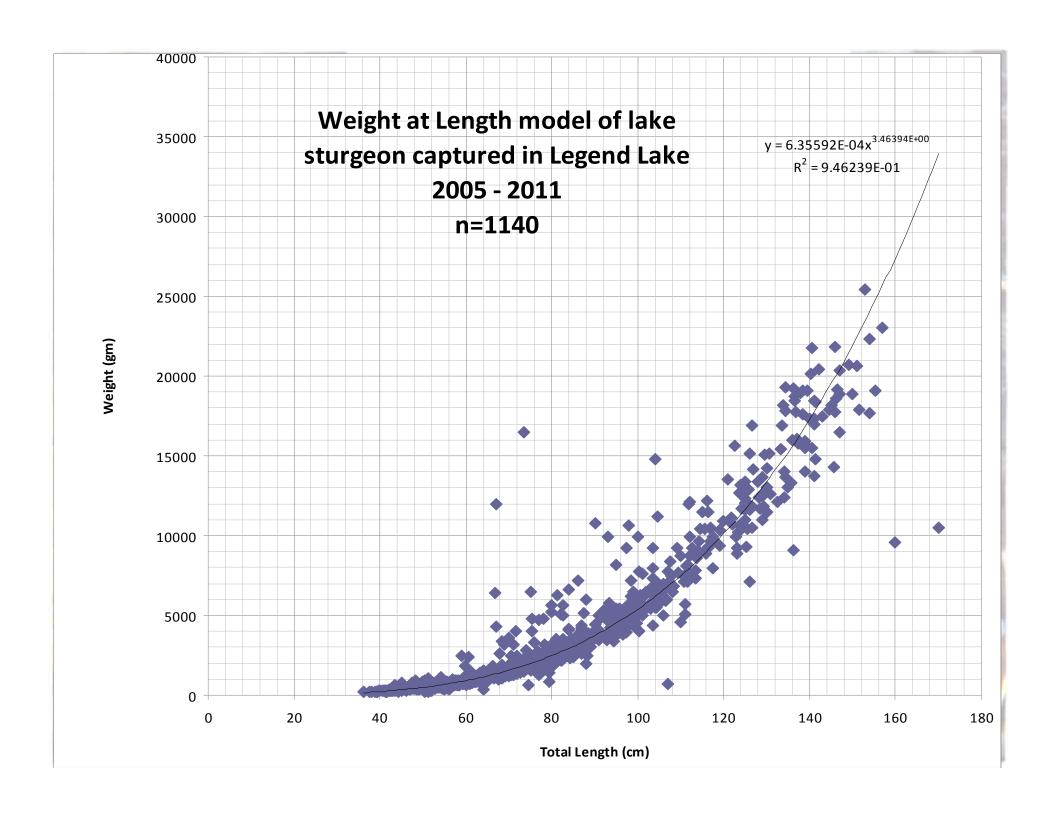


Lake Sturgeon Length at Age



Legend Lake Species Relative Abundance











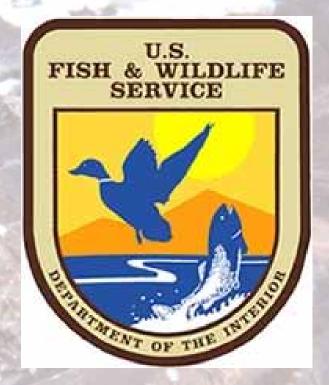
Menominee Lake Sturgeon Reintroduction and Movement Behavior in the Upper Wolf River:

2012 Great Lakes Restoration Initiative













MENOMINEE LAKE STURGEON RADIO TELEMETRY PROJECT

Sonic Transmitters/Receivers Used





















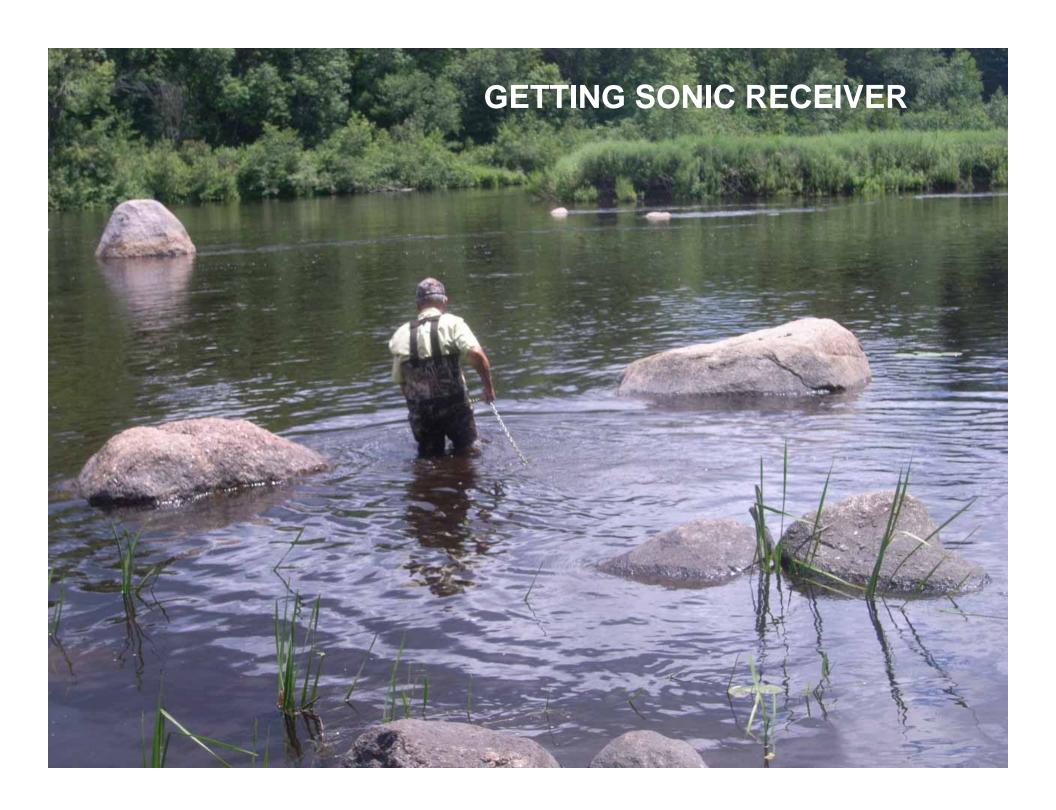






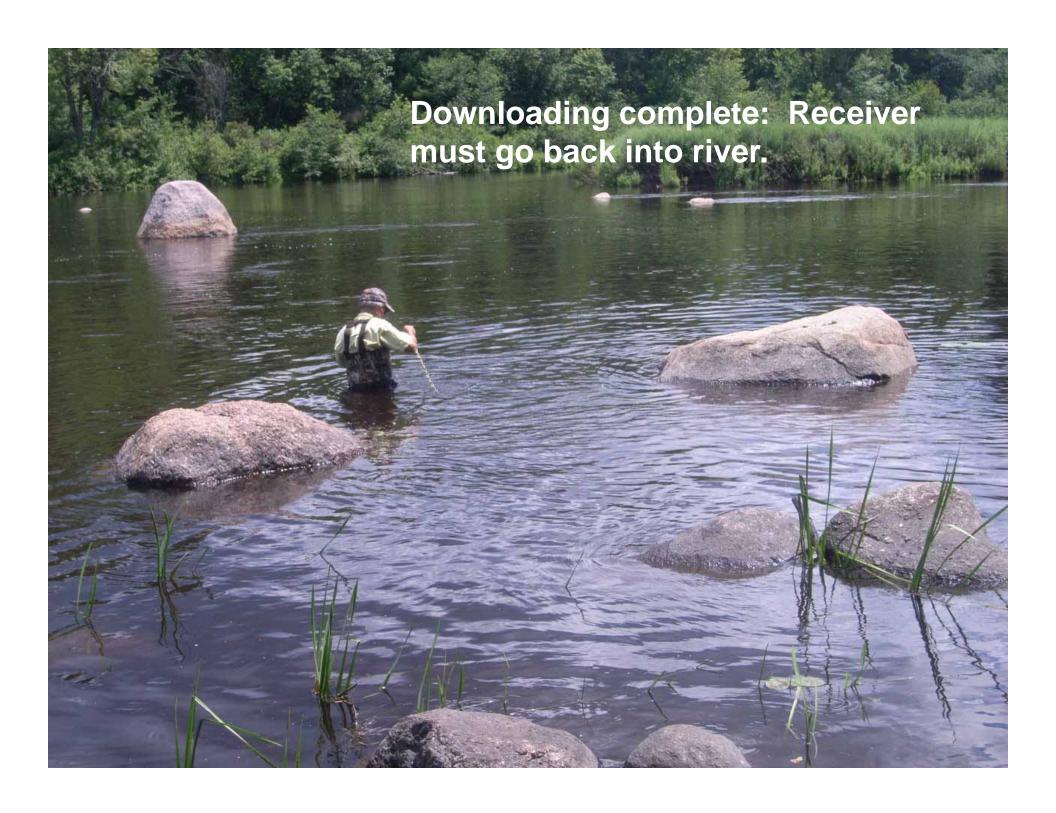
















SPAWNING LOCATIONS OF AUCOUSTIC TAGGED FISH

- 1.) Keshena Falls: 11 Female:14 Male
 - 2.) Between Shawano and Balsam

Row Dam: 1 Male

3.) Below Shawano Dam:

4 Female:8 Male

4.) No Contacts: 3 Female: 2 Male

SUMMER LOCATIONS OF AUCOUSTIC TAGGED FISH

1.) Above Balsam Row Dam:

35 Fish: 18 Female: 17 Male

2.) Between Shawano and Balsam Row Dam:

16 Fish: 3 Female: 13 Male

3.) Below Shawano Dam:

21 Fish: 8 Female:13 Male

Ok, ok, What does this all mean?

** 48.6 % Acoustic Tagged Fish still present above Balsam Row Dam

35 of 72 total Lake Sturgeon of 164; 81-82 Remain

** 18 of 29 Females remain above Balsam Row Dam - 62.1 %



