

Lake Superior Fisheries Management Plan Advisory Panel Meeting 4 December 18, 2017



Agenda

Introduction/Overview

Review/approve previous meetings minutes

Goal 2

Objectives

Goal 3

Objectives

Upcoming meetings

Work with stakeholders to identify and implement strategies that protect, support, and enhance the diversity, sustainability, and viability of state and tribal sport, commercial, and subsistence fishing.

Objectives Goal 2

Objective 1: Restore/maintain self-sustaining lean and siscowet lake trout populations to levels that support sport, commercial, and subsistence fisheries.

Objective 2: Maintain self-sustaining lake whitefish population to levels that support sport, commercial, and subsistence fisheries.

Objective 3: Maintain self-sustaining lake herring populations to levels that support predator populations and commercial fisheries.

Objectives Goal 2 – Cont.

Objective 4: Maintain/restore self-sustaining populations of native species that support fisheries.

Objective 5: Maintain/restore self-sustaining populations of potadromous salmonids that support fisheries.

Enhanced science and monitoring to better understand ecology of Lake Superior fish populations and communities.

Objectives Goal 3

Develop linkages across salmonid life stages in streams (e.g., stock-recruitment dynamics) and determine drivers of variability in key life history traits.

- Brown Trout
- Coho Salmon
- Rainbow Trout
- Brook Trout

Objectives Goal 3 cont.

Characterize cool-water fish populations, including population size, size and age structure, and recruitment dynamics.

- Walleye
- Smallmouth Bass
- Lake Sturgeon
- Northern Pike
- Yellow Perch
- Muskellunge
- Other?

Objectives Goal 3 cont.

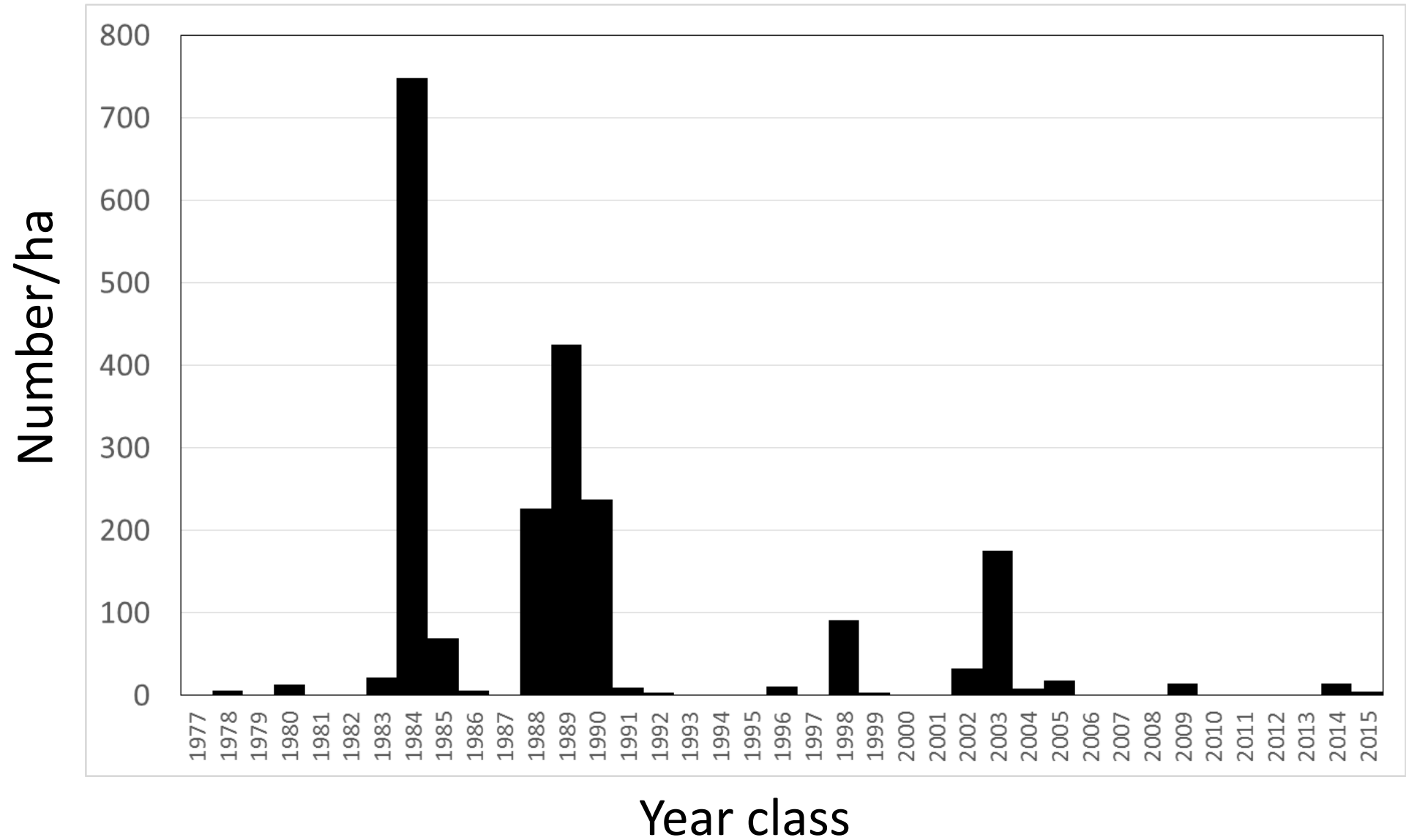
Determine effect of angler harvest on population dynamics of key sport fish

Evaluate efficiency of stocking as a tool to enhance sportfish populations

- Splake
- Walleye
- Lake Trout

Coordinate with scientific community to explore key drivers of lake herring recruitment and population dynamics

Recruitment index based on annual bottom trawl survey



Upcoming meetings

Jan 11, 2018

Feb 6, 2018

Mar 5, 2018

Next steps: January 11th Meeting

- Visit website for more information:
 - Search for “Lake Superior Fisheries Management” on WDNR website to find link for “Lake Superior Fisheries Management Plan”
- Collect initial comments via:
 - Mail Brad Ray, 141 S. Third Street, Bayfield, WI 54814
 - Email (dnrlakesuperiorplan@wisconsin.gov)