



**WISCONSIN DNR
FISHERIES INFORMATION SHEET**

LAKE: SEVENMILE

COUNTY: ONEIDA

YEAR: 2008

The Department of Natural Resources surveyed Sevenmile Lake, Oneida County, from April 30 through May 27, 2008, to determine the health of its fishery. The survey was designed to take a comprehensive look at the lake's fishery. Sevenmile Lake is a drainage lake with predominantly sand substrate and a low-density walleye population. It has a surface area of 503 acres, 6.1 miles of shoreline and a maximum depth of 43 feet.

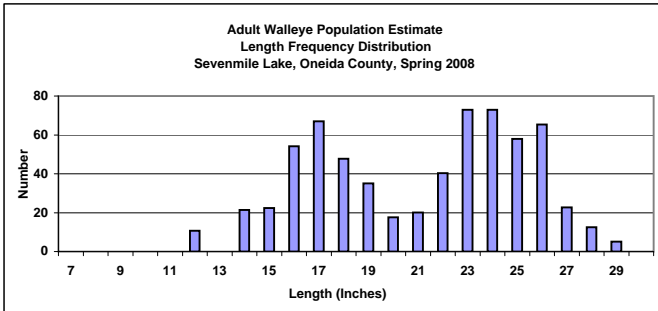


Figure 1. Length frequency distribution of 647 adult* walleye estimated to be in Sevenmile Lake, Oneida County, based on a spring 2008 survey.

* Note: Adult walleye are defined as all sexable walleye and walleye of unknown sex \geq 15 inches long.

Walleye

We conducted a mark-recapture survey of Sevenmile Lake's adult* walleye population from April 30 through May 4, 2008. We captured and marked (fin clipped) 228 adult walleye in four days of fyke netting. A crew sampled Sevenmile Lake with an electro-fishing boat on May 4th and captured 37 adult walleye. Approximately 24% (9 of 37) of those walleye bore the fin clip given during fyke netting.

Based on those results, we estimated that Sevenmile Lake is home to 647 adult walleye (1.3/acre). Approximately 98% (636 of 647) of adult walleye were 14 inches long or larger. The largest walleye we captured was a 29.2-inch female.

Smallmouth Bass

Smallmouth bass were not a primary target of our survey of Sevenmile Lake. Sampling occurred prior to peak smallmouth spawning. However, we did capture nine smallmouth bass, 8-inches or larger, during our fyke netting and electro-fishing sampling. Eight of those smallmouth were 14 inches long or larger. The largest smallmouth we captured was 21.4 inches long.

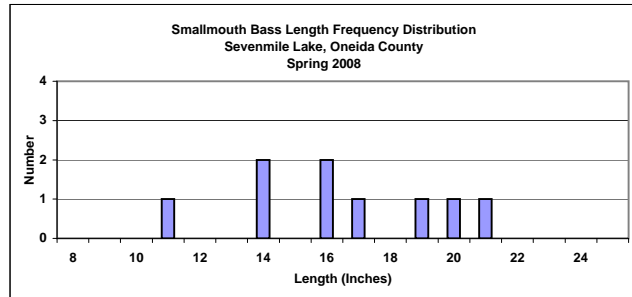


Figure 2. Length frequency distribution of nine smallmouth bass \geq 8" captured during a fisheries survey of Sevenmile Lake, Oneida County, in spring 2008.

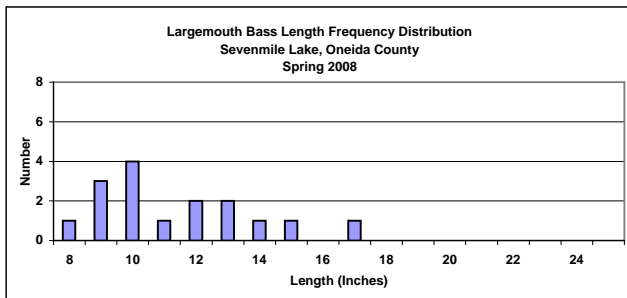


Figure 3. Length frequency distribution of 16 largemouth bass \geq 8" captured during a fisheries survey of Sevenmile Lake, Oneida County, in spring 2008.

Largemouth Bass

Largemouth bass were also an incidental catch in our survey of Sevenmile Lake. We captured 16 largemouth bass, 8 inches or larger, during our fyke netting and electro-fishing sampling. Three of those largemouth were over 14 inches long. The biggest largemouth bass we captured was 17.5 inches long.

Northern Pike

We captured 19 adult* northern pike in fyke nets fished in Sevenmile Lake from April 30 through May 3, 2008. Seventeen of the adult northern pike we captured were less than 26 inches long. The largest northern pike we captured was a 26.2-inch male.

* Note: Adult northern pike are defined as all sexable northern pike and northern pike of unknown sex \geq 12 inches long.

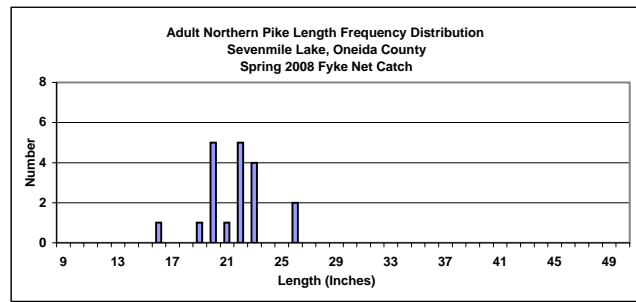


Figure 4. Length frequency distribution of 19 adult* northern pike captured in fyke nets during a fisheries survey of Sevenmile Lake, Oneida County, in spring 2008.

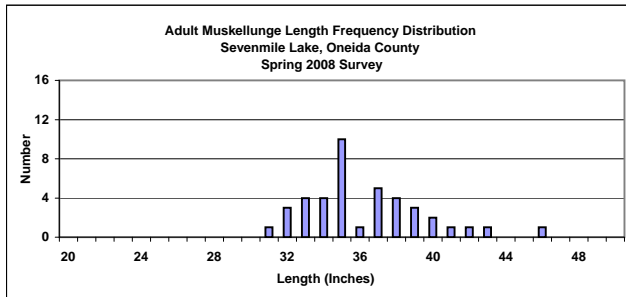


Figure 5. Length frequency distribution of 41 adult* muskellunge captured during a fisheries survey of Sevenmile Lake, Oneida County, in spring 2008.

Muskellunge

We captured 41 adult* muskellunge during our fyke netting and electro-fishing sampling of Sevenmile Lake. Nearly 81 percent of the adult muskellunge (33 of 41) we captured were 34 inches long or larger. Six of those muskellunge were 40 inches long or larger. The largest muskellunge we captured was a 46.1-inch female.

* Note: Adult muskellunge are defined as all sexable muskellunge and muskellunge of unknown sex \geq 20 inches long.

Other Species

We captured nine species of fish in our fyke netting and electro-fishing sampling of Sevenmile Lake in addition to the game fish mentioned above. Bluegill, pumpkinseed and rock bass were common in our fyke net catches. We also caught moderate numbers of black bullhead, black crappie, creek chub, golden shiner, white sucker and yellow perch. In-water sampling will conclude with a survey of young-of-year walleye in fall 2008.

We are also conducting a creel (angler harvest) survey on Sevenmile Lake this year. Creel clerk Scott Yonker will count and interview anglers and examine their catch throughout the 2008 open-water fishing season.

Table 1. General Fishing Regulations for Sevenmile Lake, Oneida County, 2008

FISH SPECIES	OPEN SEASON	DAILY LIMIT	MINIMUM LENGTH
Walleye	May 3 - March 1	3	No minimum, only one over 14"
Largemouth and Smallmouth Bass	May 3 - June 20 (C&R) June 21 - March 1 (Harvest)	None 5 in total	14 inches
Muskellunge	May 24 - Nov. 30	1	34 inches
Northern Pike	May 3 - March 1	5	None

A brief summary of selected fishing regulations for Sevenmile Lake is included above (Table 1). While the regulatory information provided was current at the time the surveys were conducted, it is not comprehensive and should not be used as a substitute for the current fishing regulation pamphlet. You may obtain a copy of current fishing regulations when you purchase your fishing license, or download a copy from our web site at:

<http://www.dnr.wi.gov/fish/regulations/>

This report is interim only; data and findings should not be considered final. Results of creel surveys should be available by June 2009. If you are interested in a summary of the creel survey or want an update on this year's fyke netting and electro-fishing survey results, contact:

Mike Coshun, Treaty Fisheries Biologist
Wisconsin Department of Natural Resources
8770 Highway J
Woodruff, WI 54568
(715) 358-9209
Email: Michael.Coshun@Wisconsin.gov

For answers to questions about fisheries management activities and plans for Sevenmile Lake, Oneida County, contact:

John Kubisiak, Fisheries Biologist
Wisconsin Department of Natural Resources
107 Sutliff Avenue
Rhineland, WI 54501
(715) 365-8919
Email: JohnF1.Kubisiak@Wisconsin.gov