



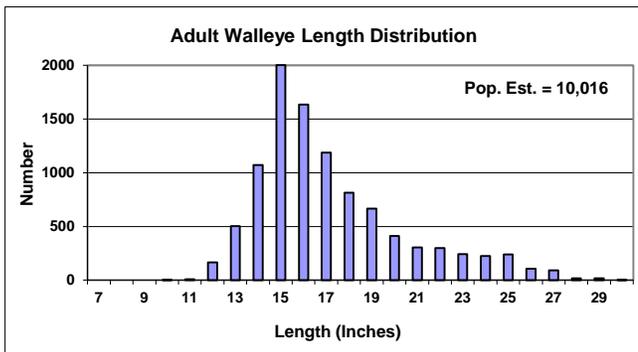
**WISCONSIN DNR
FISHERIES INFORMATION SHEET**

LAKE: TROUT

COUNTY: VILAS

YEAR: 2013

The Department of Natural Resources surveyed Trout Lake, Vilas County, from May 16 through May 24, 2013, to determine the health of its fishery. The survey was designed to assess the lake's walleye and musky fishery. Trout Lake is a drainage lake with gravel/sand/rock substrate and a stocked walleye population with limited natural reproduction. It has a surface area of 3816 acres, 17.9 miles of shoreline and a maximum depth of 117 feet.



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

Walleye



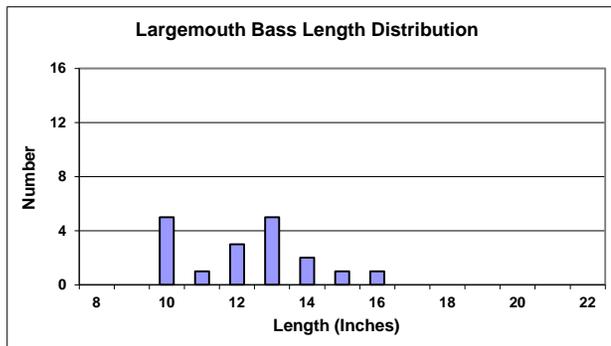
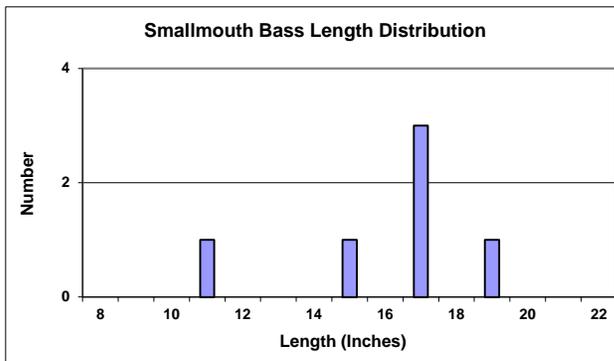
A mark-recapture survey of Trout Lake's adult walleye population was conducted from May 16-20, 2013. During 5 days of fyke netting, 2497 adult walleye were captured and marked with a fin clip. Three crews sampled Trout Lake with electro-fishing boats on May 20 and captured 315 adult walleye. During electrofishing 25% (80 of 315) of captured walleye bore the fin clip given during fyke netting. The largest walleye we captured was a 29.2-inch female.

Based on those results, Trout Lake was estimated to contain 10,016 adult walleye (2.6/acre). An estimated 83% (8265 of 10,016) of adult walleye were 15 inches long or larger.

Smallmouth Bass



During sampling conducted through May 24, 6 smallmouth bass 8 inches or larger were captured. Of those smallmouth captured, 83% (5 of 6) were 14 inches long or larger. The largest smallmouth captured was 19.0- inches long.



Largemouth Bass



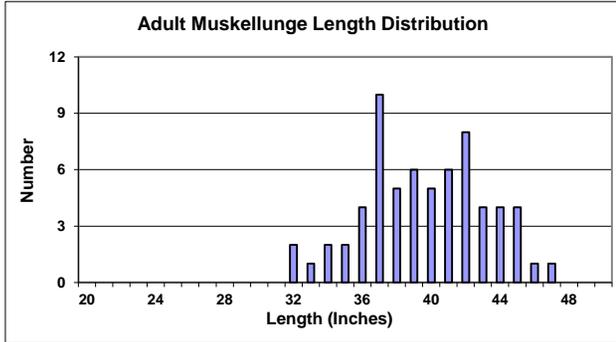
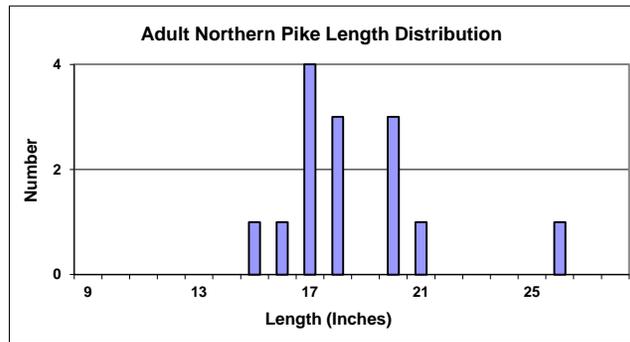
During sampling, 18 largemouth bass 8 inches or larger were captured. Of those largemouth captured, 22% (4 of 18) were 14 inches long or larger. The largest largemouth captured was 16.4 inches long.

Northern Pike



From May 16 through May 20, 2013, 14 adult northern pike were captured in fyke nets and by electrofishing Trout Lake. Of the adult northern pike captured 93% (13 of 14) were less than 26 inches long. The largest northern pike captured was a 26.1-inch female.

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



Muskellunge



During our fyke netting and electro-fishing sampling of Trout Lake, 65 adult muskellunge were captured. Of the muskellunge captured, 51% (33 of 65) were 40 inches long or larger. The largest muskellunge captured was a 47.2-inch female.

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

Other Species

In addition to the game fish mentioned above, 16 species of fish were captured during fyke netting and electro-fishing sampling of Trout Lake. Yellow perch and white sucker were common in our fyke net catches. Also caught were moderate numbers of lake whitefish, rock bass, burbot, golden shiner, creek chub, common shiner, and pumpkinseeds. Other species sampled included horny head chub, bluegill, silver redhorse, grass pickerel, black bullhead, yellow bullhead, and brook trout.

A creel survey will be conducted on Trout Lake throughout the 2013-14 fishing season to get estimates of fishing effort and angler harvest. Creel clerk Jason Halverson will count and interview anglers and examine their catch. The information gathered will be used to estimate fishing effort and angler harvest.

Table 1. General Fishing Regulations for Trout Lake, Vilas County, 2013-14

FISH SPECIES	OPEN SEASON	DAILY LIMIT	MINIMUM LENGTH
Walleye	May 4 - March 2	2	15 inches
Largemouth and Smallmouth Bass	May 4 - June 14 (C&R) June 15 - March 2 (Harvest)	None 1 in total	18 inches
Muskellunge	May 25 - Nov. 30	1	40 inches
Northern Pike	May 4 - March 2	5	None

A brief summary of selected fishing regulations for Trout Lake are 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://dnr.wi.gov/topic/fishing/regulations_index.html

This report is interim only; data and findings should not be considered final. Results of creel surveys should be available by June 2014. Watch for survey summaries at: <http://dnr.wi.gov/fish/nor/northern.html> or contact:

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

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