



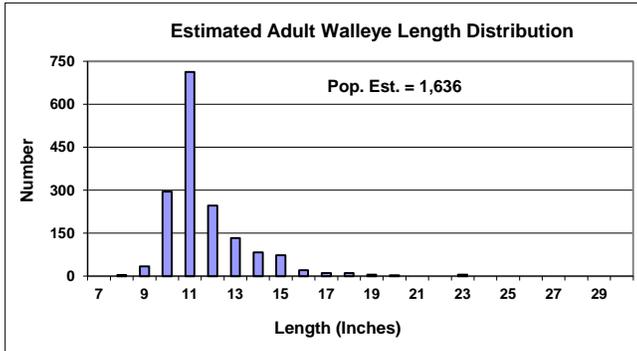
**WISCONSIN DNR
FISHERIES INFORMATION SHEET**

LAKE: MEDICINE

COUNTY: ONEIDA

YEAR: 2014

The Department of Natural Resources surveyed Medicine Lake, Oneida County, from May 8 through May 22, 2014, to determine the health of its walleye fishery. Medicine Lake is a drainage lake with a sand/gravel/rock substrate and a naturally reproducing walleye population. It has a surface area of 396 acres and a maximum depth of 45 feet.



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

Walleye



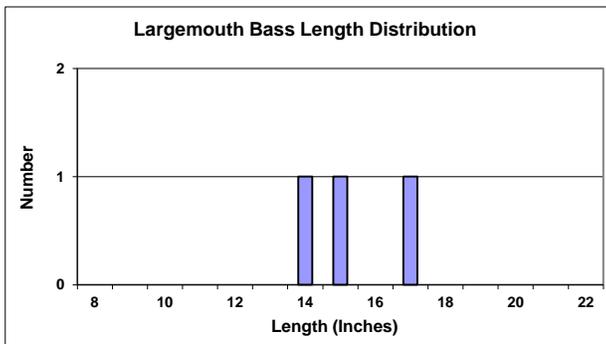
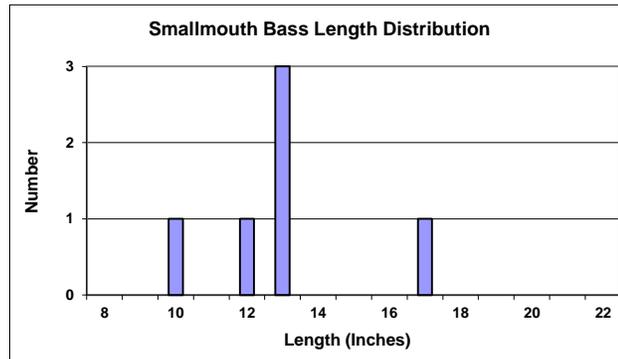
A mark-recapture survey of Medicine Lake's adult walleye population was conducted from May 8-12, 2014. During 3 days of fyke netting, 469 adult walleye were captured and marked with a fin clip. A crew sampled Medicine Lake with an electro-fishing boat on May 12 and captured 336 adult walleye. During electro-fishing 19% (63 of 336) of captured walleye bore the fin clip given during fyke netting. The largest walleye captured was a 23.7-inch female.

Based on those results, Medicine Lake was estimated to contain 1,636 adult walleye (4.1 /acre). An estimated 8% (128 of 1,636) of adult walleye were 15 inches long or larger.

Smallmouth Bass



Smallmouth bass were not a primary target during our survey of Medicine Lake. Sampling occurred prior to peak smallmouth spawning. However, we did capture 6 smallmouth bass, 8 inches or larger, during fyke netting and electro-fishing. Of those smallmouth captured, 17% (1 of 6) were 14 inches long or larger. The largest smallmouth captured was 17.8 inches long.



Largemouth Bass



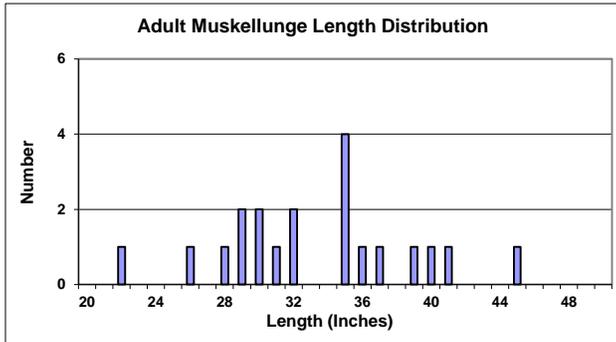
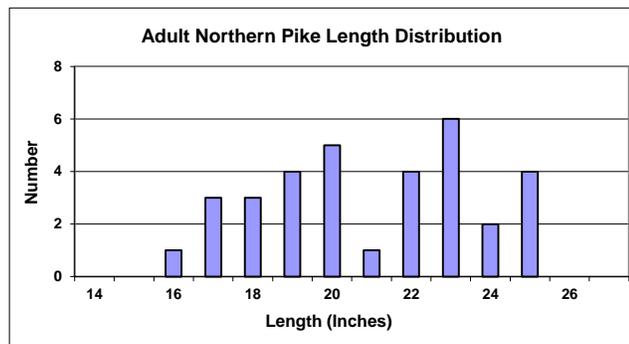
Largemouth bass were also not targeted during our survey of Medicine Lake. However, we incidentally captured 3 largemouth bass, 8 inches or larger, during fyke netting and electro-fishing. Of those largemouth captured, 100% (3 of 3) were 14 inches long or larger. The largest largemouth captured was 17.5 inches long.

Northern Pike



From May 8 through May 22, 2014, 33 adult northern pike were captured in Medicine Lake. Of the adult northern pike captured 100% were less than 26 inches long. The largest northern pike captured was a 25.7-inch female.

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



Muskellunge



During our fyke netting and electro-fishing sampling of Medicine Lake, 20 adult muskellunge were captured. Of the muskellunge captured, 15% (3 of 20) were 40 inches long or larger. The largest muskellunge captured was a 45.2-inch female.

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

Other Species

In addition to the game fish mentioned above, 11 species of fish were captured during fyke netting and electro-fishing sampling of Medicine Lake. Yellow perch, black crappie, and rockbass were common in our fyke net catches. Also caught were moderate numbers of bluegills and white suckers. Other species sampled included pumpkinseeds, burbot, yellow bullhead, golden shiner, redhorse, and cisco.

A creel survey will be conducted on Medicine Lake throughout the 2014-15 fishing season to get estimates of fishing effort and angler harvest. Creel clerks Rich Cechal and Marty Kiepke 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 Medicine Lake, Oneida County, 2014-15

FISH SPECIES	OPEN SEASON	DAILY LIMIT	MINIMUM LENGTH
Walleye	May 3 - March 1	3	No min. length but only 1 fish over 14" allowed
Largemouth Bass	May 3 - March 1	5 in total with SMB	14 inches
Smallmouth Bass	May 3 - June 20 (C&R) June 21 - March 1 (Harvest)	5 in total with LMB harvest season only	14 inches
Muskellunge	May 24 - Nov. 30	1	40 inches
Northern Pike	May 3 - March 1	5	None

A brief summary of selected fishing regulations for Medicine 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://dnr.wi.gov/topic/fishing/regulations/>

This report is interim only; data and findings should not be considered final. Results of creel surveys should be available by June 2015. Watch for survey summaries at: <http://dnr.wi.gov/topic/Fishing/north/trtysprngsrsvs.html> or contact:

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