



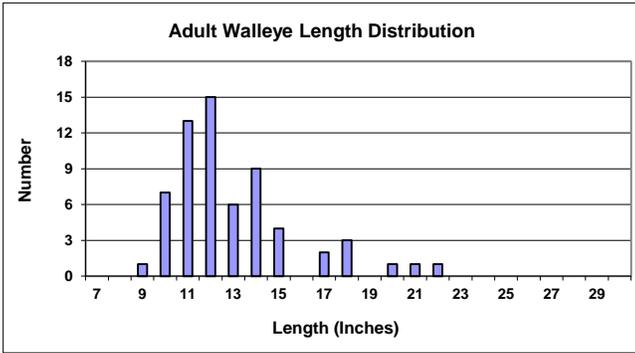
WISCONSIN DNR
FISHERIES INFORMATION SHEET

LAKE: ISLAND

COUNTY: ONEIDA

YEAR: 2014

The Department of Natural Resources surveyed Island Lake, Oneida County, from May 8 through 22, 2014, primarily to assess the walleye and muskellunge populations. Island Lake is a drainage lake within the Three Lakes chain of lakes with a sand, gravel and muck substrate and a naturally-reproducing walleye population. It has a surface area of 295 acres and a maximum depth of 29 feet.



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

Walleye

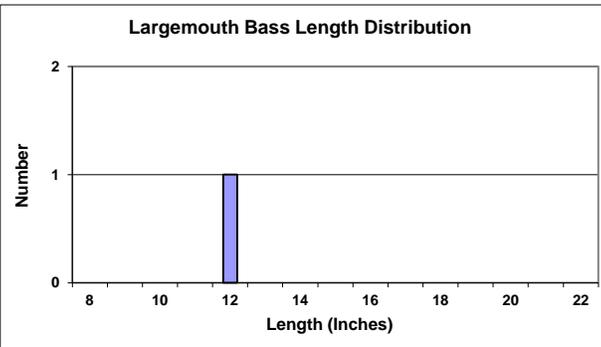
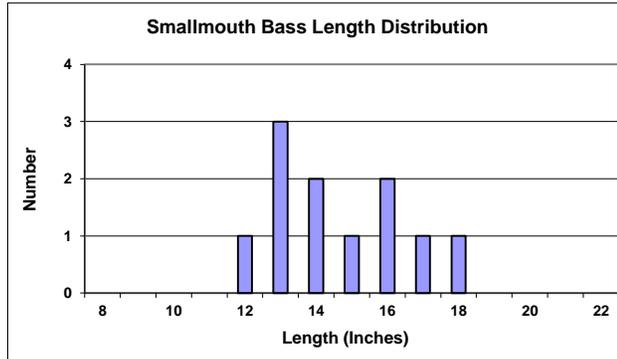


A survey of Island Lake's adult walleye population was conducted from 5/8-5/16, 2014. During 9 days of fyke netting, just 63 adult walleye were captured and marked with a fin clip. During fyke netting 19% (12 of 63) of captured adult walleye were 15 inches or larger in length. The largest walleye we captured was a 22.5-inch female. Due to the low number of adult fish captured, an electrofishing survey was not conducted. As a result, we were not able to estimate the number of adult walleye in Island Lake.

Smallmouth Bass



Survey crews were also unable to capture and mark a sufficient number of smallmouth bass from Island Lake to estimate the population size. During sampling conducted through May 21, 11 smallmouth bass 8 inches or larger were captured. Of those smallmouth captured, 64% (7 of 11) were 14 inches long or larger. The largest smallmouth captured was 18.5 inches long.



Largemouth Bass



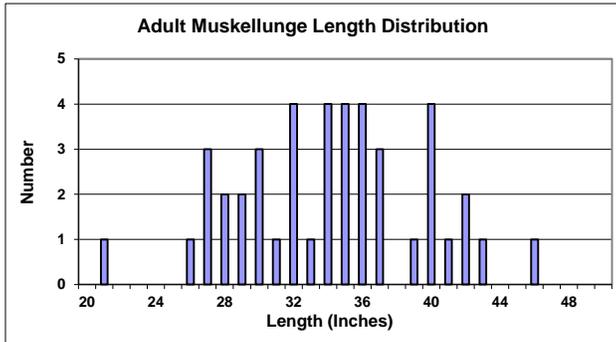
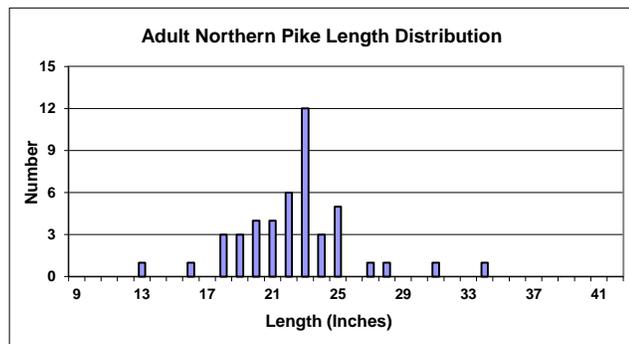
Survey crews captured just two largemouth bass, and only one was greater than 8 inches in length (12.2 inches).

Northern Pike



From May 8 through May 22, 2014, 46 adult northern pike were captured in fyke nets fished in Island lake. Of the adult northern pike captured 91% (42 of 46) were less than 26 inches long. The largest northern pike captured was a 34-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 sampling of Island Lake, 43 adult muskellunge were captured. Of the muskellunge captured, 21% (9 of 43) were 40 inches long or larger. The largest muskellunge captured was a 46-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, 12 species of fish were captured during fyke net sampling of Island Lake. Yellow perch, black crappie, and bluegill were common in our fyke net catches. Also caught were moderate numbers of pumpkinseed, rock bass, and white sucker. Other species sampled included yellow and black bullheads, redhorse, common and golden shiners, and mottled sculpin.

A creel survey will be conducted on Island Lake throughout the 2014-15 fishing season to get estimates of fishing effort and angler harvest. Creel clerk John Logan 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 Island 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 Island 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/trtysprngsrvys.html> or contact:

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