



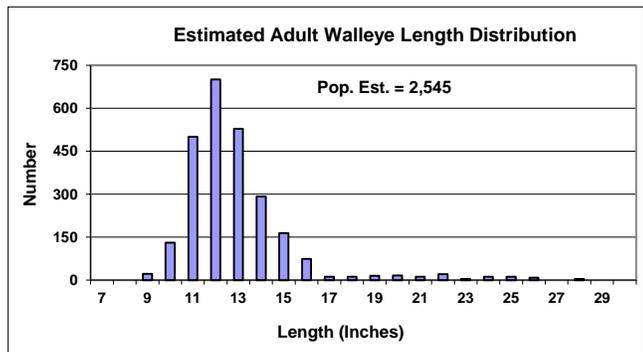
**WISCONSIN DNR  
FISHERIES INFORMATION SHEET**

**LAKE:** PLANTING GROUND

**COUNTY:** ONEIDA

**YEAR:** 2014

The Department of Natural Resources surveyed Planting Ground Lake, Oneida County, from May 8 through May 23, 2014, to determine the health of its walleye fishery. Planting Ground Lake is a drainage lake with sand/gravel/muck substrate and a naturally reproducing walleye population. It has a surface area of 1010 acres and a maximum depth of 37 feet.



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

**Walleye**



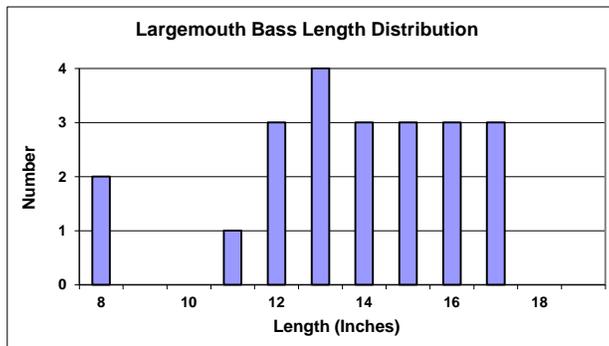
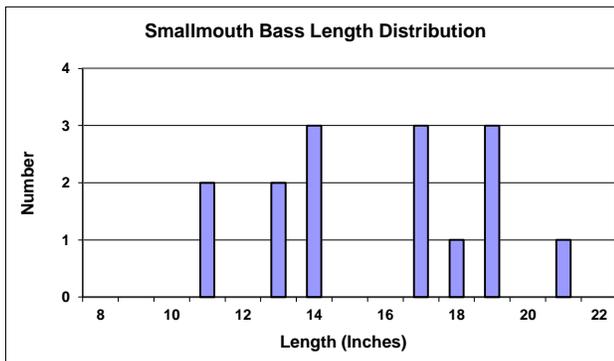
A mark-recapture survey of Planting Ground Lake's adult walleye population was conducted from 5/8-5/16, 2014. During 9 days of fyke netting, 622 adult walleye were captured and marked with a floy tag and a fin clip. Two crews sampled Planting Ground Lake with an electro-fishing boats on May 16 and captured 462 adult walleye. During electro-fishing 11% (53 of 462) of captured walleye bore the floy tag/fin clip given during fyke netting. The largest walleye captured was a 28.2-inch female.

Based on those results, Planting Ground Lake was estimated to contain 2,545 adult walleye (2.5 /acre). An estimated 15% (370 of 2,545) of adult walleye were 15 inches long or larger.

**Smallmouth Bass**



Smallmouth bass were not a primary target during our survey of Planting Ground Lake. Sampling occurred prior to peak smallmouth spawning. However, we did capture 15 smallmouth bass, 8 inches or larger, during fyke netting and electro-fishing. Of those smallmouth captured, 73% (11 of 15) were 14 inches long or larger. The largest smallmouth captured was 21.2 inches long.



**Largemouth Bass**



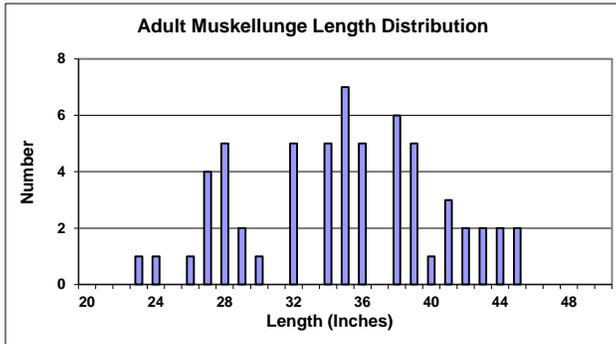
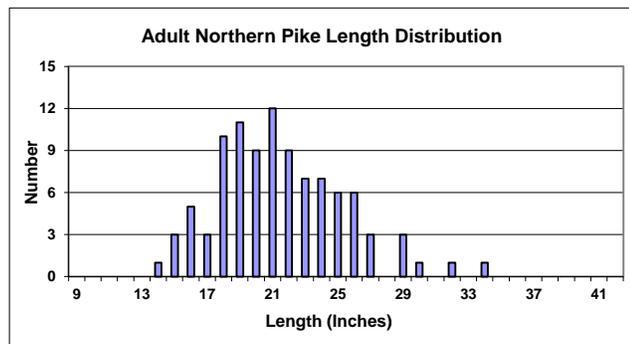
Largemouth bass were also not targeted during our survey of Planting Ground Lake. However, we incidentally captured 22 largemouth bass, 8 inches or larger, during fyke netting and electro-fishing. Of those largemouth captured, 55% (12 of 22) were 14 inches long or larger. The largest largemouth captured was 17.6 inches long.

## Northern Pike



From May 8 through May 23, 2014, 98 adult northern pike were captured in Planting Ground Lake. Of the adult northern pike captured 85% (83 of 98) were less than 26 inches long. The largest northern pike captured was a 34.7-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 Planting Ground Lake, 59 adult muskellunge were captured. Of the muskellunge captured, 19% (11 of 59) 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  $\geq 20$  inches long.

## Other Species

In addition to the game fish mentioned above, 10 species of fish were captured during fyke netting and electro-fishing sampling of Planting Ground Lake. Yellow perch, black crappie and bluegill were common in our fyke net catches. Also caught were moderate numbers of white suckers, pumpkinseeds, and rockbass. Other species sampled included yellow bullhead, burbot, common shiner, and golden shiner.

A creel survey will be conducted on Planting Ground Lake throughout the 2014-15 fishing season to get estimates of fishing effort and angler harvest. Creel clerks John Davis and Shae Flood 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 Planting Gourd 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 Planting Ground 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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