



WISCONSIN DNR FISHERIES INFORMATION SHEET

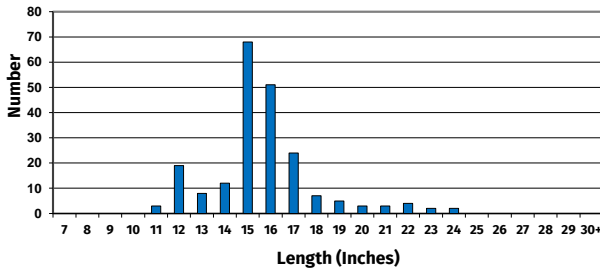
LAKE: Julia

COUNTY: Oneida

YEAR: 2021

In April and May 2021, the Department of Natural Resources performed fyke netting and electrofishing surveys on Lake Julia to assess the gamefish and panfish community. Surveys in April specifically targeted Walleye and electrofishing in May targeted Largemouth Bass, Smallmouth Bass, Black Crappie and Bluegill. Lake Julia is a seepage lake with 238 surface acres, 4.2 miles of shoreline, and a maximum depth of 19 feet.

Walleye Length Frequency Distribution



*Note: Adult Walleye are defined as all sexable Walleye (regardless of length) and those of unknown sex ≥ 15 inches in length.

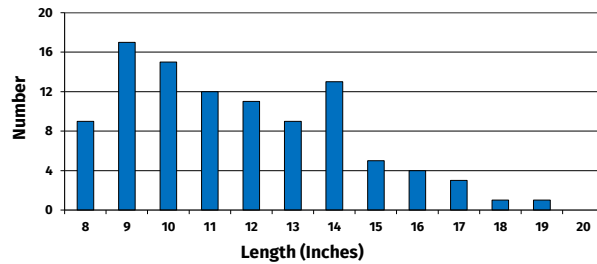
Walleye

During four days of fyke netting, 157 adult Walleye were captured and marked with a fin clip. A crew then sampled with an electrofishing boat and captured 61 adult Walleye. During electrofishing 43% (26 of 61) of captured Walleye bore the fin clip given during fyke netting. Based on those results, Lake Julia was estimated to contain 339 adult Walleye (1.4/acre). Of the adult Walleye captured, 80% were 15 inches or longer. The largest Walleye we captured was a 24.2-inch female.

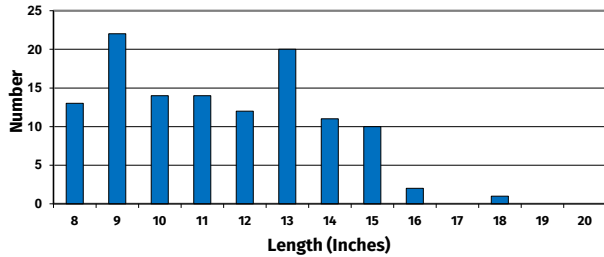
Smallmouth Bass

From survey sampling conducted through May, we captured 106 Smallmouth Bass, 100 of which were considered adults at eight inches or larger. Of the 100 adults, 27% were 14 inches or longer, and the largest was 19.2 inches. The Smallmouth Bass population in Lake Julia (eight inches or larger) was estimated to be 351 fish (1.5/acre).

Smallmouth Bass Length Frequency Distribution



Largemouth Bass Length Frequency Distribution



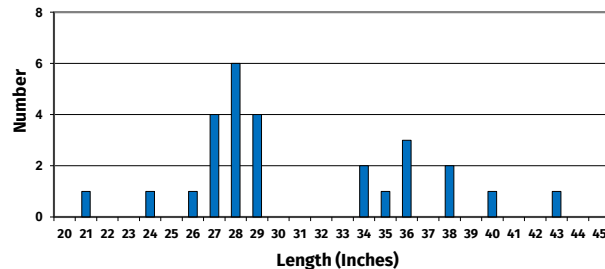
Largemouth Bass

During our survey sampling of Lake Julia, we captured 140 Largemouth Bass, 119 of which were considered adults at eight inches or larger. Of the 119 adults, 20% were 14 inches or longer, and the largest was 18.0 inches. The Largemouth Bass population in Lake Julia (eight inches or larger) was estimated to be 726 fish (3.1/acre).

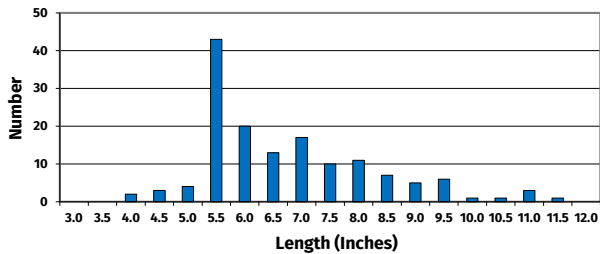
Muskellunge

Muskellunge were not specifically targeted during the survey of Lake Julia, but were collected when encountered. A total of 29 Muskellunge were captured. Lengths ranged from 10.6 to 43.9 inches.

Muskellunge Length Frequency Distribution



Black Crappie Length Frequency Distribution



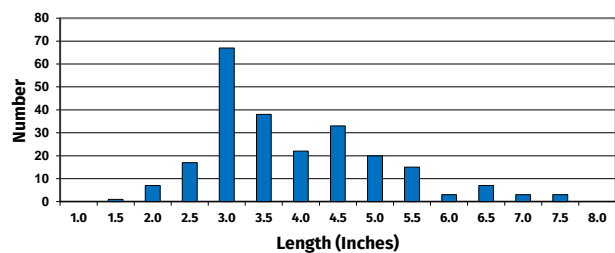
Black Crappie

A total of 322 Black Crappie were captured while surveying Lake Julia. A subsample of 147 were measured. Lengths ranged from 4.4 to 11.5 inches. The size structure was poor with only 4% of the crappies measuring 10 inches or greater.

Bluegill

A total of 256 Bluegills were captured while surveying Lake Julia. A subsample of 236 were measured. Lengths ranged from 1.6 to 7.9 inches. Of the Bluegill measured, 2.5% were 7 inches or greater.

Bluegill Length Frequency Distribution



Other Species

In addition to the species listed above, Northern Pike, Rockbass, Pumpkinseed, Yellow Perch, Yellow Bullhead, Golden Shiner, Bluntnose Minnow, White Sucker and Creek Chub were also captured.

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