



**WISCONSIN DNR
FISHERIES INFORMATION SHEET**

LAKE: Seidel

COUNTY: Florence

YEAR: 2015

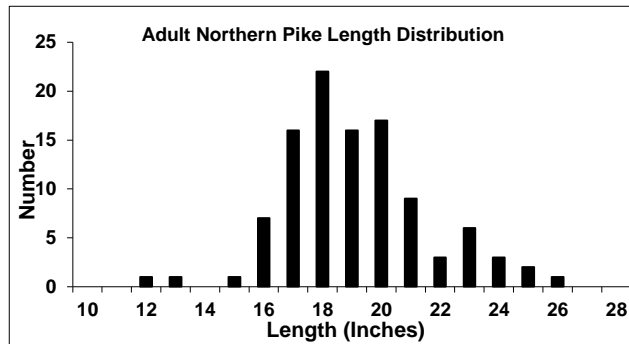
The Wisconsin Department of Natural Resources is conducting a comprehensive survey of the Seidel Lake, Florence County, to analyze the health of its fishery. Seidel Lake is located approximately 7 miles southwest of Florence, just north of HWY 101. Seidel Lake covers 55 acres and achieves a maximum depth of 44 feet.

Northern Pike

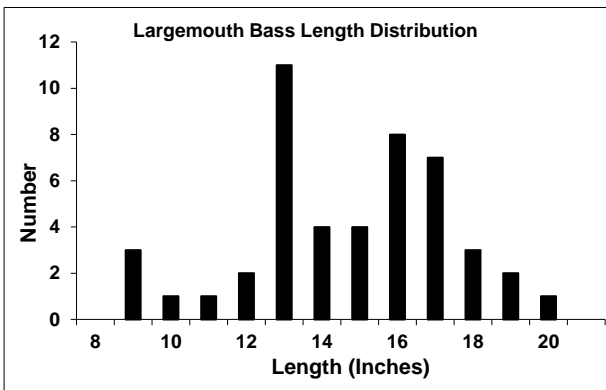


Northern pike are the most abundant game fish species in Seidel Lake. Early spring fyke nets were set for 4 days to estimate the abundance of adult (≥ 12 ") northern pike. The data from this survey estimates the population to be approximately 231 adult northern pike (4.2/acre), which is well above average for Florence County.

A total of 105 different northern pike were captured during the 2015 survey. Like most populations that have high abundance, the Seidel Lake northern pike population has poor size structure. Our survey suggest that only 21.9% are ≥ 21 inches , with the largest fish observed being 26.2 inches long.



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



* Note: Adult largemouth bass are defined as all fish ≥ 8 inches long.

Largemouth Bass



Largemouth bass are of low abundance in Seidel Lake. A total of 8 electrofishing surveys were conducted to estimate the abundance of largemouth bass. The data obtained from these surveys estimates that there are approximately 74 adult (≥ 8 ") largemouth bass in Seidel Lake (1.3/acre).

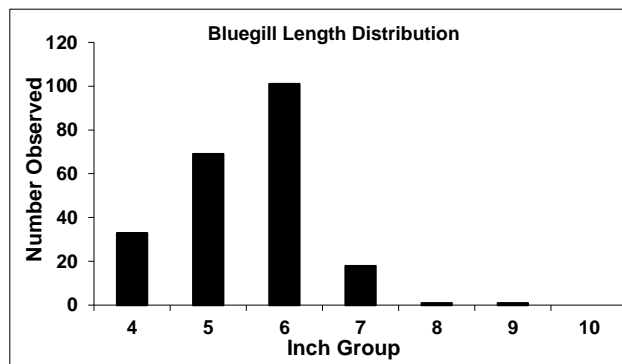
A total of 47 different largemouth bass were captured and measured during our work on Seidel Lake. The largemouth bass population has impressive size structure with 61.7% and 44.7% being ≥ 14 and 16 inches respectively. The largest bass sampled was 20.2 inches in length.

Bluegill



Pan fish were targeted during 4 days of late spring fyke netting. Our data suggests that bluegill are the most abundant panfish species in Seidel Lake, captured at a rate of 24.1 fish per net-night. While bluegill are the most abundant pan fish in Seidel Lake, this catch rate is below average for bluegill in this region.

A total of 248 bluegill were measured during our late spring survey to assess the size structure of the population. The size structure of bluegill is considered moderate-to-poor with approximately 48.8% and 0.8% of fish measured being ≥ 6 and 8 inches respectively.

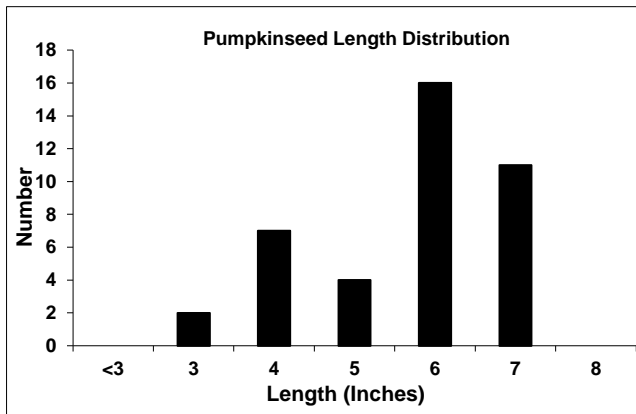
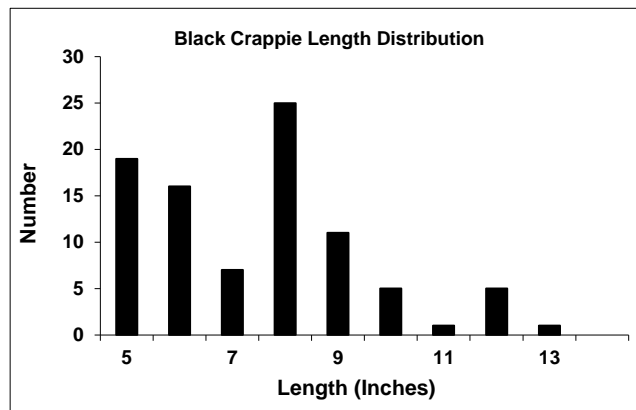


Black Crappie



Black crappie were the second most abundant pan fish species encountered during late spring fyke netting at 5.0 fish/net-night, 3 electrofishing visits during the spring captured crappie at a rate of 7.44 fish/mile. This data suggests that there is a moderate population of black crappie in Seidel Lake.

A total of 99 black crappie were measured to assess the size structure of the population. The size structure of black crappie in this lake is fair with 48.5% and 12.1% of fish being ≥ 8.0 and 10.0 inches respectively. The largest black crappie captured during the 2015 survey was 13.0 inches.



Pumpkinseed



Pumpkinseed were sampled over the same 4 day netting period in late spring. A total of 40 Pumpkinseed were captured during this survey giving pumpkinseed a catch rate of 3.3 fish per net-night.

The Pumpkinseed population in Seidel Lake has a good size structure with 67.5% and 27.5% of the fish being ≥ 6.0 and 7.0 inches respectively.

Other Species

In addition to the game fish mentioned above, eight other species of fish were captured during fyke netting and electrofishing surveys of Seidel Lake in 2015. Yellow Perch, golden shiner and common shiner were the most encountered species during all surveys. Black bullhead and yellow bullhead are considered to be of moderate-to-low abundance; while white sucker, central mud minnow, and warmouth were also captured but appear to have a relatively low abundance.

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

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http://dnr.wi.gov/topic/fishing/regulations_index.html