

**Kangaroo Lake 2018 Fish Survey Preliminary Summary**  
**Report prepared June 7, 2018 by Nick Legler for Kangaroo Lake Association Newsletter**  
**Survey work conducted by Nick Legler, Jacob Steckmesser, Derek Apps, & Tom Meronek**

By way of introduction, my name is Nick Legler and I work as a fisheries biologist with the Wisconsin Department of Natural Resources in Sturgeon Bay. I've worked with WI DNR for just over 6 years now, and during this time worked mostly with Chinook salmon and steelhead management for Lake Michigan. After recent restructuring of work responsibilities between DNR personnel and offices, I now work with inland waters of Door and Kewaunee Counties too. I'm excited about these new inland responsibilities and look forward to the new opportunities. I've already had the pleasure of working with several Kangaroo Lake Association members during winter 2018 fish sticks installations, and look forward to working more with this group in the future.

Comprehensive fish surveys for Kangaroo Lake were last completed in 2012, but more recent surveys began this spring 2018 and will conclude fall 2018. Spring 2018 fish sampling included netting for one week from April 30 to May 7, electrofishing on May 8, and electrofishing on May 29. Another electrofishing survey will occur sometime around October 2018. A comprehensive evaluation of 2018 survey data with detailed statistics and trends isn't available yet, but will be worked on throughout the upcoming year. The table below provides a basic and preliminary summary of fish caught just during the spring 2018 netting survey (table 1). Several survey pictures are also provided below (figures 1, 2, 3).

Table 1. Preliminary summary of fish caught with eight fyke nets fished on Kangaroo Lake for one week from April 30 to May 7, 2018. These nets were set shortly after ice out to target spawning northern pike and walleye. With a late spring and water temperatures that warmed quickly, peak spawning events for both walleye and northern pike were likely missed by the nets, but fair numbers of fish were still caught. Total lengths are reported here in inches per species including minimum length (smallest fish), maximum length (largest fish), and average length.

<b>Species</b>	<b>Total Catch</b>	<b>Min (inch)</b>	<b>Max (inch)</b>	<b>Avg (inch)</b>
Smallmouth Bass	110	6.8	20.9	15.2
Walleye	88	9.8	22.7	18.8
Northern Pike	44	10.1	30.0	19.6
Largemouth Bass	10	8.0	20.0	15.1
Rock Bass	685	3.5	12.0	7.4
Bluegill	67	3.7	11.0	6.0
Yellow Perch	43	6.5	9.8	7.7
White Sucker	128			
Longnose Sucker	89			
Gar	45			
Bullhead	37			
Bowfin	28			
Lake Sturgeon	1	Length about 70 inches (just shy of 6 feet)		

Figure 1. Several photos of fish caught with fyke nets on Kangaroo Lake during April 30 to May 7, 2018 including smallmouth bass, largemouth bass, walleye, northern pike, rock bass, and bluegill.



Figure 2. An interesting catch of 29 longnose gar caught in one net lifted May 2, 2018 on Kangaroo Lake.



Figure 3. The biggest fish of the 2018 Kangaroo Lake fyke netting survey – an approximately 70 inch lake sturgeon caught on May 7, 2018.

