



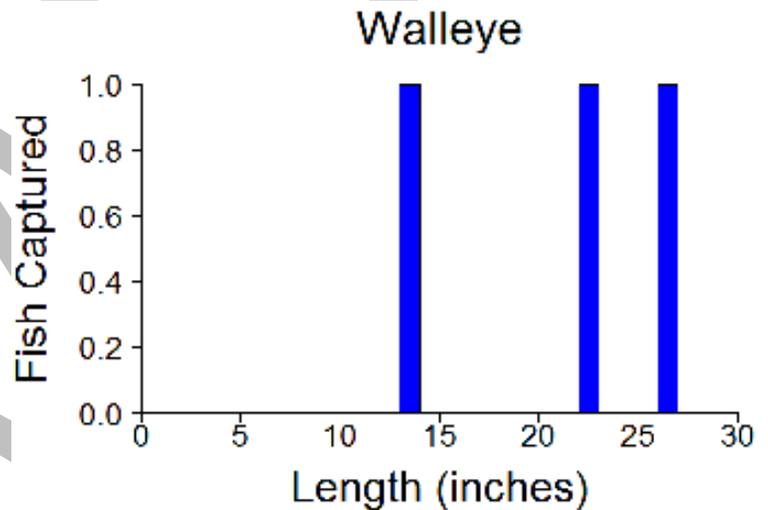
## Summary of Fishery Surveys Third Black Lake, Iron County, 2016

The Mercer DNR Fisheries Management Team conducted the following fishery surveys on Third Black Lake in 2016: an early-spring fyke netting survey targeting walleyes, and a summer fyke netting survey to assess panfish populations. Quality, preferred, and memorable sizes referenced in this summary are based on standard proportions of world record lengths developed for each species by the American Fisheries Society, and reflect the percentage of the adult population sampled larger than the specified size.



Walleye Size Groups (P90/R90)

Size Class	% of Sample
Usable (> 15 in.)	67
Preferred (> 20 in.)	67
Memorable (> 25 in.)	33

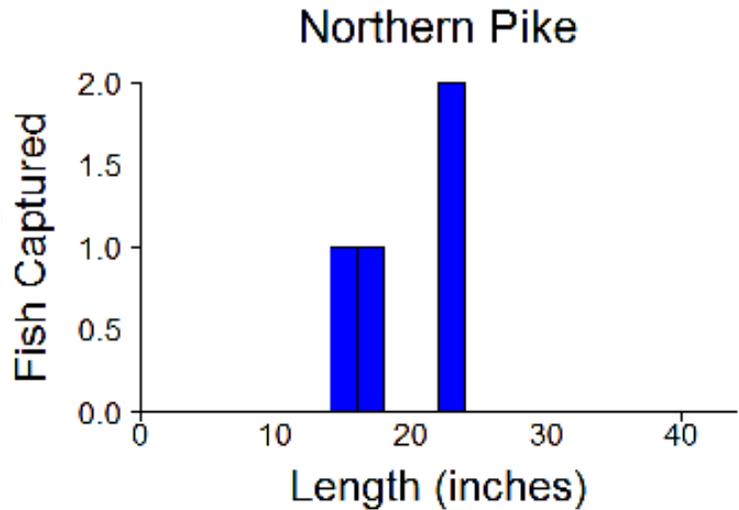


We captured a total of 3 individual walleyes during our targeted, early-spring fyke netting survey at a low rate of 0.4/net-night. Walleyes ranged in length from 13.5” – 26.5” and averaged 20.7”. These results suggest that walleyes are currently present at low densities.



Northern Pike Size Groups (PSD/RSD)

Size Class	% of Sample
Juvenile (< 21 in.)	50
Preleaved (> 21 in.)	0
Memorable (> 34 in.)	0

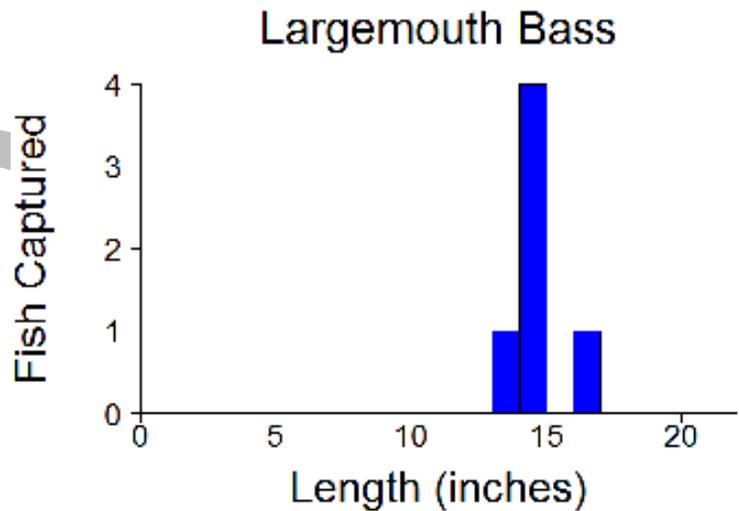


Northern pike were not targeted during any of the 2016 surveys, but were documented during both early spring and summer fyke netting surveys. A total of 4 northern pike were surveyed at a rate of 0.5/net-night. Largemouth bass ranged in length from 14.5” – 23.5” and averaged 19.3”. These results suggest that northern pike are currently present in low densities.



Largemouth Size Groups (PSD/RSD)

Size Class	% of Sample
Juvenile (< 12 in.)	100
Preleaved (> 15 in.)	17
Memorable (> 20 in.)	0

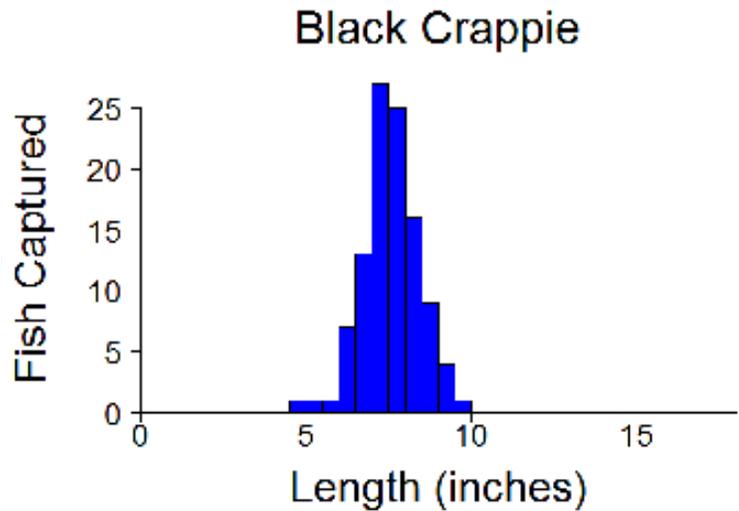


Largemouth bass were not targeted during any of the 2016 surveys, but were documented during both early spring and summer fyke netting surveys. A total of 6 largemouth bass were surveyed at a rate of 0.8/net-night. Largemouth bass ranged in length from 13.7” – 16.2” and averaged 14.5”. These results suggest that largemouth bass are currently present in low densities.



**Black Crappie Size Groups (PSDIR9D)**

Size Class	% of Sample
Crutley (< 8 in.)	29
Preleard (> 10 in.)	0
Memorable (> 12 in.)	0

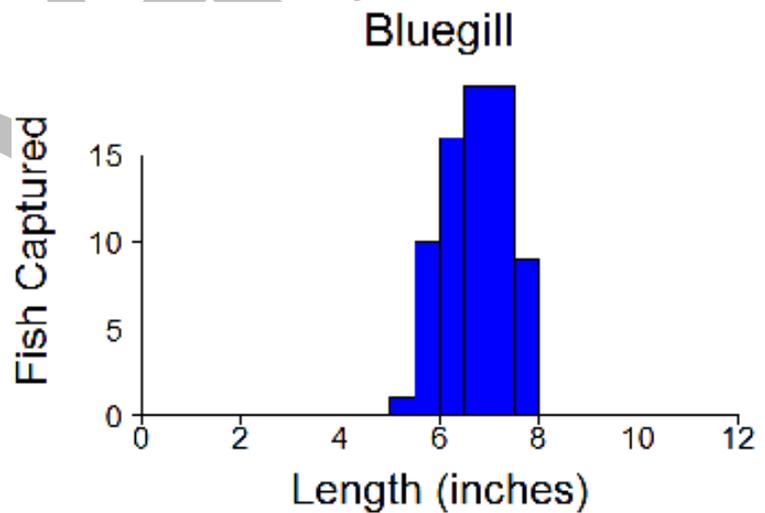


The summer fyke netting survey sampled a total of 105 black crappies at a rate of 13.1/net-night. Crappies ranged in length from 4.7” – 9.8” and averaged 7.5”. These results suggest that crappies are currently present in low-moderate densities, and most individuals present are relatively small.



**Bluegill Size Groups (PSDIR9D)**

Size Class	% of Sample
Crutley (< 6 in.)	15
Preleard (> 8 in.)	0
Memorable (> 10 in.)	0



Targeted summer surveys sampled a total of 74 bluegills ranging in length from 5.3” to 7.7” and averaging 6.7”. The summer panfish fyke-netting survey sampled bluegills at a rate of 9.3/net-night. Results from this survey indicate that bluegills are present in low-moderate densities and the population exhibits a size structure with some quality fish available to anglers.

Additional Notes:

One adult muskellunge was sampled during the summer fyke-netting survey. Given the amount of sampling effort and the infrequent encounters with muskellunge during the 2016 field season, it appears as though densities are low.

Yellow perch, bullheads, pumpkinseeds, hornyhead chubs, and white suckers were also documented in low abundance in these surveys. For questions or additional results from 2016 survey work contact:

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