

A/OFRC PROJECT SUMMARY

MICHIPICOTEN FIRST NATION

October 2015

DORE LAKE FALL WALLEYE INDEX NETTING

INTRODUCTION

In September 2015, in partnership with Michipicoten First Nation, the Anishinabek/ Ontario Fisheries Resource Centre (A/OFRC) completed a Fall Walleye Index Netting (FWIN) Survey on Dore Lake. This Survey is used to assess the health of the walleye stock. A habitat assessment was also completed as a baseline for the character of the lake.

METHODS

From September 22nd—25th, 2015, ten nets were set in Dore Lake. These nets were 61 meters in length and are evenly divided into mesh panels between 1" - 6" in mesh size. The nets were left overnight and were fished the next day. All sport-fish (Walleye and Lake Trout) were biologically sampled for ageing structures. Length and weight data were also recorded. Other fish



A/OFRC Intern, Lucas Beaver, with the largest walleye we caught, a female weighing 6.5 kg

species were sampled for length. The habitat survey was conducted by driving slowly around the outside of the lake and collecting data on the quality and type of habitat in the offshore (littoral) and shoreline areas.

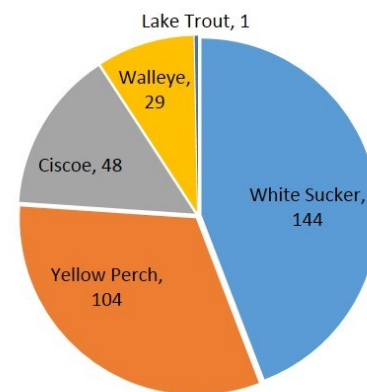
RESULTS

In the course of the project we caught 29 walleye, of which the biggest was 6.5 kg (~14 lbs). We also caught one lake trout and numerous yellow perch, white sucker and cisco. The majority of

the habitat surrounding the lake is heavily vegetated with mainly soft-stem bulrushes, including some areas of bare bed-rock and boulders.

CONCLUSION

In conclusion, Dore Lake does support a population of walleye, with habitat that supports walleye feeding and behavioural habits. A full report will be available in the fall of 2015, after data from the ageing samples is analyzed.



A breakdown of the number of individuals of each fish species caught during the FWIN Survey on Dore Lake in 2015



Common White Sucker caught in one of the FWIN nets



A/OFRC Intern, Lucas Beaver, with the Lake Trout that was caught in the south-east part of the lake



A large spring that fed into the lake from the south-west corner, near the southern entrance to Dore River



For more information on this or other fisheries projects please contact:

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