

A/OFRC PROJECT UPDATE

SAGAMOK ANISHNAWBEK

October 2015

LA CLOCHE LAKE FALL WALLEYE INDEX NETTING

INTRODUCTION

The Anishinabek/ Ontario Fisheries Resource Centre (A/OFRC) in partnership with Sagamok Anishnawbek, completed a Fall Walleye Index Netting (FWIN) survey in La Cloche Lake. This Survey took place from October 13—16, 2015.

METHODS

A FWIN follows a standardized protocol developed by the Ontario Ministry of Natural Resources and Forestry (OMNRF) to monitor walleye populations. A FWIN consists of setting gill nets overnight when water temperatures range between 10—15°C in the fall. Gill nets measure 61 m in length, and contain mesh sizes ranging from 25 mm to 152 mm. All walleye and other sport fish captured were fully



Sunrise on La Cloche Lake

biologically sampled which included measuring length and weight, identifying sex and maturity, and collecting ageing structures.

RESULTS

Water temperatures ranged from 14°C to 13°C. In total, 213 fish were captured representing 12 different species including Norther Pike (56), Yellow Perch (35), White Sucker (34), Smallmouth Bass (13), Lake Trout (8), and Largemouth Bass (8). Overall, 23 walleye were biologically sampled. Of the walleye caught, 35% had visible clips. All Lake Trout captured were clipped.

CONCLUSION

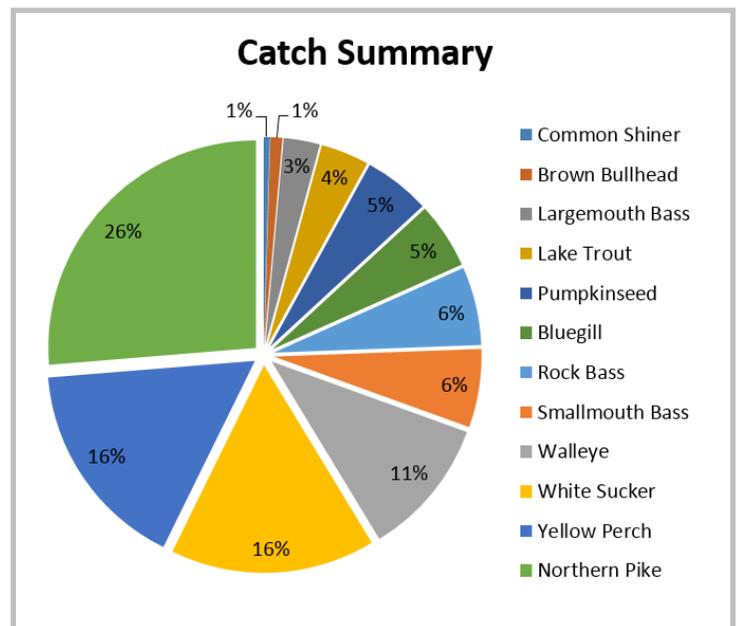
In 2011 and 2014, the MNRF stocked walleye pond fingerlings into La Cloche Lake that were not clipped, and further analysis will need to be completed to determine if there is a breeding population of walleye in La Cloche Lake.

The information obtained in this Survey will be analyzed to assess the dynamics of the walleye population in La Cloche Lake. Factors such as abundance, health conditions and growth will be assessed. This survey will also be used to develop and undertake additional walleye studies in the near future for Sagamok Anishnawbek.

A full technical report will be completed by February 2016. For more information, please contact 705-472-7888.



A/OFRC Fisheries Biologist, Kyle Crans, pulling up a net on La Cloche Lake in October 2015



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

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