

Fish and Wildlife Update

June 5th, 2024

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Section Head - Northeast



Muncho Lake SPIN 2023

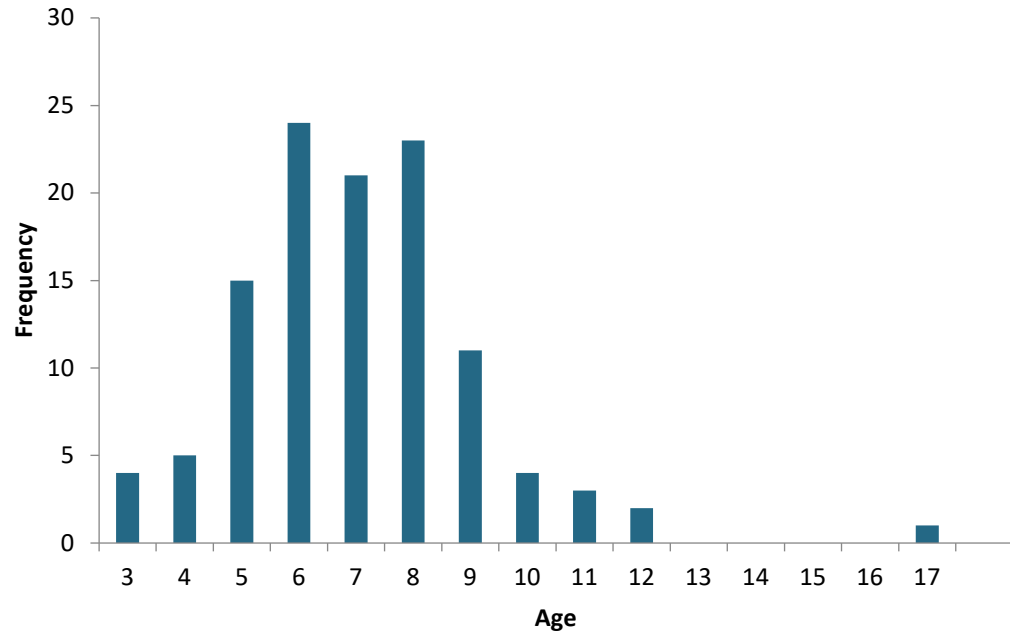


Figure 6 Age frequency histogram of captured lake trout in Muncho Lake, 2023

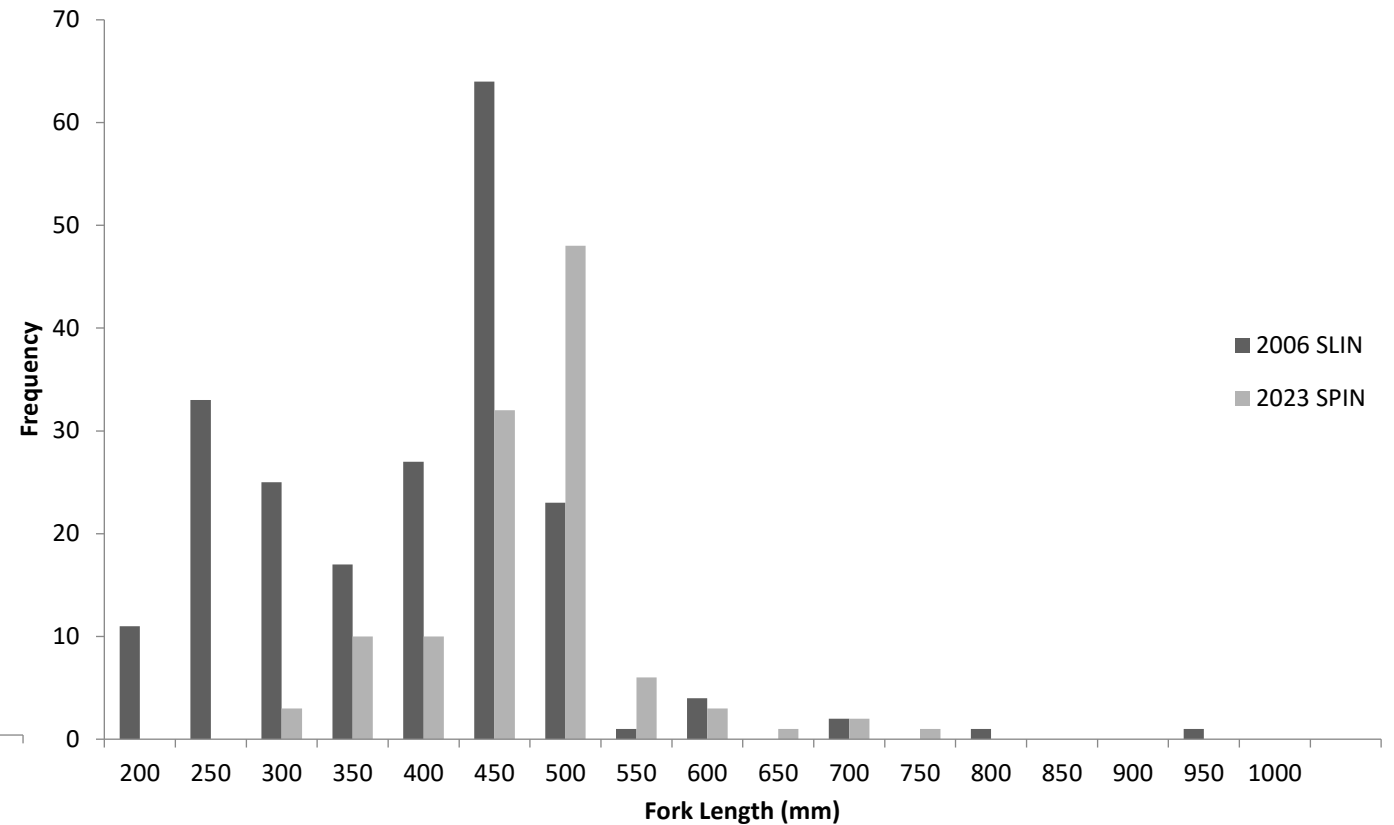


Figure 3 Length frequency distribution of Lake trout from Muncho Lake 2023 SPIN netting and 2006 SLIN netting. Numbers indicate the upper limit of each 50 mm interval.

Moberly Lake: Mark Recapture Update

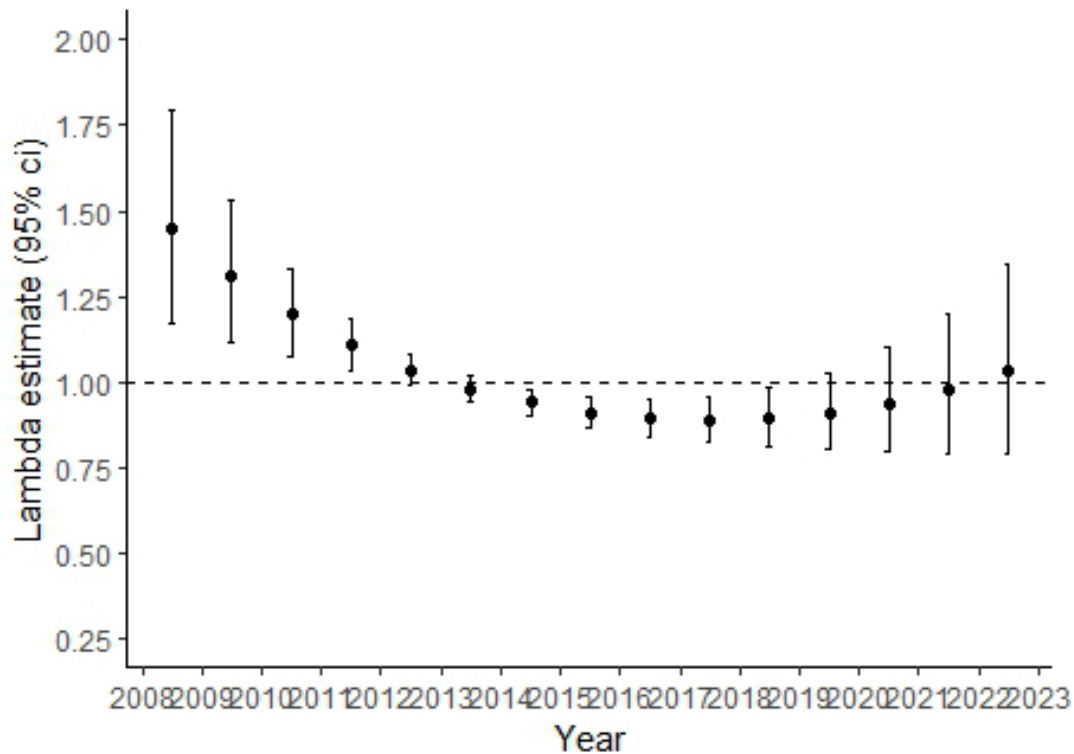


Figure 1. POPAN analysis of population growth rate

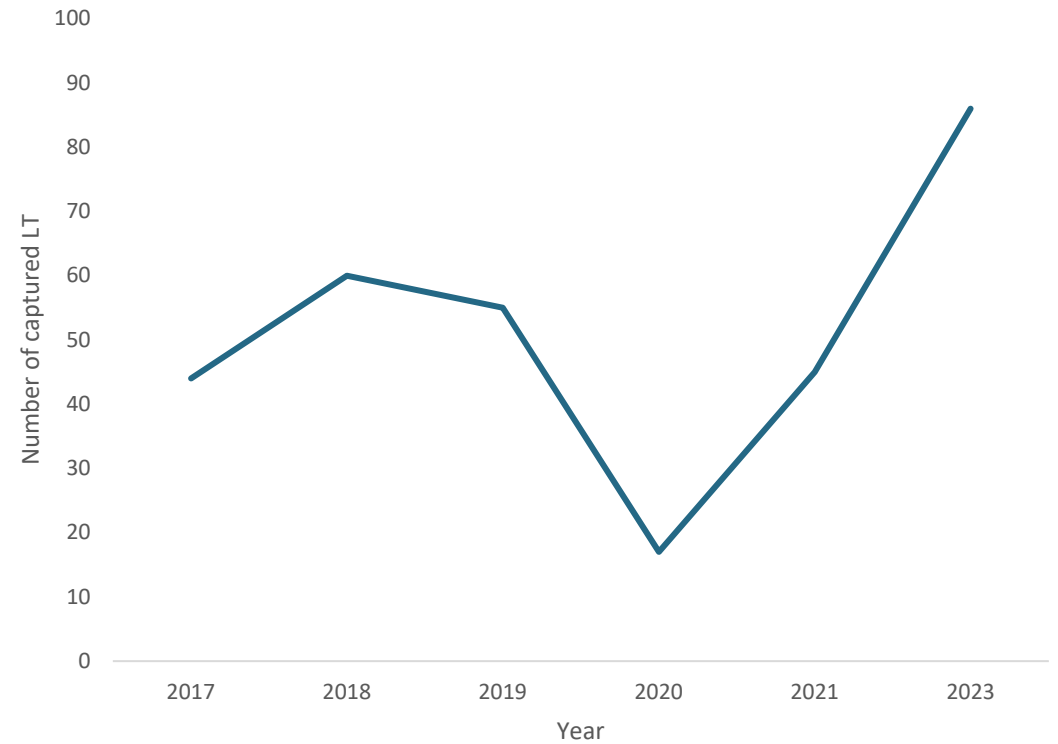


Figure 2. Number of newly captured lake trout from the Annual Spawner Mark-recapture survey on Moberly Lake from 2017-2023.

Northeast Fisheries Projects in collaboration with Treat 8 First Nations



Ministry of
Water, Land and
Resource Stewardship

Objective

- Fill in data gaps for population estimates, species presence/absence and life stage utilization
- Potential to develop river and waterbody specific regulations

Combination of Lakes and Rivers

- Utilizing both species specific protocols as well as habitat specific protocols
 - Fall Walleye Index Netting Alberta's Large River Assessment protocol

Surveys to be completed 2024-2026



Outline of Projects

Lake Name	Assessment Type	River Name
Robb Lake	Mark Recapture/RIC	Fort Nelson River
Maxhamish Lake	Fall Walleye Index Netting	Liard River
Klua Lake	Fall Walleye Index Netting	Muskwa River
Kotcho Lake	RIC Standard	Tetsa and Tuchodi River
Clarke Lake	RIC Standard	Petitot River
Ekwan Lake	RIC Standard	Toad River
		Snake and Sehteneh Rivers



Wildlife Surveys completed in 23-24

Moose Survey 7-19

Moose Survey 7-32

Sheep Survey 7-51 (Racing River, Muncho and Wokkpash)

Sheep Survey 7-54

Tentative Surveys for 24-25

South Peace Goat Survey

Goat Survey 7-50

Sheep Survey 7-51 (Terminus and West Toad/Gundahoo)

Sheep Survey 7-36