

LAKE SIR-JOHN

AQUATIC PLANT SURVEY - 2024

SURVEY: The entire shoreline was surveyed, including the part of the lake on the other side of the 329 (Little Lake Sir-John), the pond on the other side of the culverts and around the island. The plants were checked very close to the shoreline and a bit deeper with an aquascope. An inventory of the plants was made.

DATE: July 22nd, 2024

PLANT TEAM:

Lake Sir-John Volunteers: Mariam Bowen, Peter Nicholson, Helene Parenteau, Robert Woodrough, **CRE Laurentides trained volunteers from Lake Hughes:** Heather McCullough & Joanne Hayes

PREVIOUS SURVEYS: CRE Laurentides: 2016 & Volunteer Plant Team: 2022 & 2023

2024 PLANT SURVEY

- **No invasive or suspicious aquatic plants were identified.** ➤ One indigenous water-milfoil was found in Little Lake Sir-John – same species as last year but the amount has greatly increased
- The 4 plant surveys have identified 24 plant groups (38 plants).

NEWLY IDENTIFIED IN 2024:

- **BLADDERWORTS** (Utriculaire): 1 new species: Flat-leaf Bladderwort (previously identified Common, Purple, & Lesser Bladderwort)
- **PONDWEEDS:** 1 new species: Variable Pondweed
- **HORSETAIL**
- **BRYOZOAN:** (SEE ATTACHED INFO SHEET)

OBSERVATIONS:

- **ALGAE - Periphon:** (*algae on the rocks*) There has been a noticeable increase which is happening in many lakes.
- **FRESHWATER SPONGES:** Appear bright green underwater and have a coarse texture unlike slimy algae: Increased amount this year – **their presence indicates good water quality**

- **LARGE-LEAF PONDWEED** (*P. amplifolius*) The amount of this very large plant appears to be remaining stable but continues to be of concern. There were a lot of fragments floating so gathering fragments attached to motors and floating on the lake could help slow down the spread.
- **LITTLE LAKE SIR-JOHN:** Perhaps due to excellent visibility compared to previous years, there appeared to be an increase to an already enormous amount of aquatic plants covering the bottom – lots of Indigenous Water-Milfoil and Bladderwort...