**Contact Information**

Name:

Megan Frederickson

Contact Phone Number:

416-978-7252

Contact Email:

m.frederickson@utoronto.ca

Affiliation:

University of Toronto

**Manuscript Information (if applicable)**

1. O’Brien, Anna M., Zhu Hao Yu, Clara Pencer, Megan E. Frederickson, Gregory H. LeFevre, and Elodie Passeport. "Harnessing plant-microbiome interactions for bioremediation across a freshwater urbanization gradient." *Water Research* 223 (2022): 118926.

**Species Identification Information**

Name Of Species: *Lemna japonica*

Morphological Classification (if applicable):

Molecular Classification:

atpF-atpH barcode:

psbK-psbI barcode:

AFLP-Lemna Genotype:

AFLP-Wolffia Genotype:

Other Sequence:

**Species Collection And Cultivation Information**

*Date*:

July, 2018

**Legacy Pond** line. Duckweeds were collected in small pond, near housing development in Toronto, Canada. Pond has a dense population of Spirodela, with very small amount of Lemna, found at depth 0-2cm.

Coordinates: 43.8611,-79.2339

*Cultivation Information*:

Cultured in liquid 0.5x Krajncic’s media before sterilization. After sterilization the culture is maintained in liquid enriched media :1xKranjcics with 0.1% yeast extract, 0.5% sucrose

**To which Duckweed collection are you able to submit your clone?**

(One of the goals of the RDSC is to have its registered clones available to the community to promote research and applications.)

X RDSC