**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.

2. O’Brien, Anna M., Jason Laurich, Emma Lash, and Megan E. Frederickson. "Mutualistic outcomes across plant populations, microbes, and environments in the duckweed Lemna minor." *Microbial ecology* 80, no. 2 (2020): 384-397.

**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:

October 14, 2018

Location: Kelso Conservation area near Milton, Ontario, Canada. Coordinates: 43.505915, -79.945209

Northwest side of pond, near Heritage Center. Depth:10cm, near reeds. High density population near reeds, low density in open area. Pond with lots of cattails, some garbage in water. Proximity to nearest road-15 meters.

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