**Contact Information**

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**Manuscript Information (if applicable)**

Title: "Harnessing plant-microbiome interactions for bioremediation across a freshwater urbanization gradient." *Water Research* 223 (2022): 118926.

Journal:

*Water Research* 223 (2022): 118926

Authors:

O’Brien, Anna M., Zhu Hao Yu, Clara Pencer, Megan E. Frederickson, Gregory H. LeFevre, and Elodie Passeport

**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*:

September 11,2018

Red Marsh duckweeds were collected in northern Ontario, not far from Sharbot Lake provincial Park, Ontario, Canada. Geographical coordinates: 44.769978,-76.743675. Marsh area near highway 7. Depth: 50+cm. Population: large, 100m^2, at maximum density. Marsh with some waterflow under road. Styrofoam pollution.

*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