**Contact Information**

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**Manuscript Information (if applicable)**

1. O'Brien, Anna M., Zhu Hao Yu, Dian‐ya Luo, Jason Laurich, Elodie Passeport, and Megan E. Frederickson. "Resilience to multiple stressors in an aquatic plant and its microbiome." *American Journal of Botany* 107, no. 2 (2020): 273-285.

2. 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*:

June15, 2018

Bruce H duckweeds were collected in Bruce Hanscombe memorial park, Pickering, Ontario, Canada. Coordinates: 43.8172, -79.0975. West side of the Frenchman’s Bay,in the little inlet flooded area around stream. Depth: 5cm. Population10x10 meters, dense. This is a parkland area along lakeshore, adjacent to residential neighborhood.

*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