**Contact Information**

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**Manuscript Information (if applicable)**

Title:

Unpublished

Journal:

Authors:

**Species Identification Information**

Name Of Species:

Lemna minor

Morphological Classification (if applicable):

One root; Frond 3-6 mm long, elliptic to round, tip asymmetric

Molecular Classification:

atpF-atpH barcode:

TTAGCACTTTTATTTGCGAATCCATTTGTTTAATTCTAGAATAAAAAAGTACGTAATAGACTTTTTGACTTAGACTTGCTTTTTGCTTCTTCGAATTATATCAACATTGTACTCTAACAATTACTTATTCGTTGAGAGAATACCTCCGGGAAGGACTGATTTTAGGATTAGTAATTAGCAGATCCTCTCGCTTTCTTCCTTCCCGTTTTCAGTTCTTAGTATAATGTAATGCAAAACTTTTTTGAGTATGCGTTGTAACGCAATAAACAAGGTATTTACCAATTGACAAAATAGCCAGGACCTAACCCAATAAGTATGTTCTTGTAATTGTAAACTTTAATTAGAATTAAATAATAAATAAATAAAGTTCTCAATTAAATTAATTAATTTAATCTATTCCATTTTTAAATCCCATAAAAAAAAAAAAGAAATCAAACAAAGGGGGCGAAGTAATACAAAAGGAACTCTGTTCTTTTTTAGTCCTATCTATAAGAGGAGAGTAT

psbK-psbI barcode:

AFLP-Lemna Genotype:

AFLP-Wolffia Genotype:

Other Sequence:

**Species Collection And Cultivation Information**

Date:

8 July, 2011

Location:

(Provide information on site of collection. Include country, state/province, and city/town. Please be as specific as possible.)

A small pond in the botanical garden of Hokkaido University (Sapporo, Japan), coordinates: 43.06°N, 141.34°E.

Cultivation Information:

(Provide information on cultivation of clone since collection and how it is maintained. Mention if any genetic modifications or any other treatments have been performed on clone that may affect its natural physiology.)

The collected plants were sterilized by washing with 0.5% sodium hypochlorite, followed by washing with sterilized water, and then successively cultured in 300 ml flasks containing 100 ml of modified Hoagland medium (36.1 mg/L KNO3, 293 mg/L K2SO4, 3.87 mg/L NaH2PO4, 103 mg/L MgSO4·7H2O, 147 mg/L CaCl2·H2O, 3.33 mg/L FeSO4·7H2O, 0.95 mg/L H3BO3, 0.39 mg/L MnCl2·4H2O, 0.03 mg/L CuSO4·5H2O, 0.08 mg/L ZnSO4·7H2O, and 0.254 mg/L H2MoO4·4H2O; pH 7.0) in an incubation chamber (28˚C, 80 µmol/m2s, 16 h/8 h-day/night).

**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.)

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