**Contact Information**

Name:

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**Manuscript Information (if applicable)**

Title:

Environment and host genetics influence the biogeography of plant microbiome structure

Journal:

Microbial Ecology. 2023. 86: 2858–2868

Authors:

Na Wei, Jiaqi Tan

**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:

TUBB1 primer pair (F: CAC YCC AAG CTG TAA GWT CC and R: GAT CGC CGA CTA YAA GAA ATC)

**Species Collection And Cultivation Information**

Date:

2022.08.07

Location:

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

North America, USA, Ohio, Columbus

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 axenic clone grows in 0.5x Hoagland and 0.5 g/L sucrose under 24C and 16-hour light. No genetic modification or treatment has been applied.

Index.Collection: COL.10.2022.LM; PlantID: NA.OH.COL.TP.LM.01; Collection date: 2022.08.07; Genotyping marker: TUBB1 primer pair (F: CAC YCC AAG CTG TAA GWT CC and R: GAT CGC CGA CTA YAA GAA ATC); PCR pattern: ~700bp and ~600bp

**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.)

[ ]  RDSC

[ ]  University Of Jena