**Contact Information**

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**Manuscript Information (if applicable)**

Title:

*Pseudomonas* isolates from ponds populated with duckweed are able to prevent disease caused by other *Pseudomonas* species in duckweeds independently of the EDS1 pathway

Journal:

Will be submitting to biorxiv

Authors:

*Baggs E.L, Stark F.G and Krasileva K.V*

**Species Identification Information**

Name Of Species:

*L. punctata* BG405

Morphological Classification (if applicable):

Molecular Classification:

atpF-atpH barcode:

AAATAAATCACTACACCAAGTACTACGCTTAGATTTATTGGATTTGTTGCTAAAATATCGGTATTAAACCCAAAACCCACGGCGGATGGCCCCTGGGCCAAGGAAACAAAAGAATCAGTTACATTTTGCATATACTCTCCTCTTATAGATAGGACTAACAAAGAACAGAGTTCTTTTTGTATTACTTCGCCCCCTTTGGTTGATTTCTTTTTTTTTTATGGTATGGGATTTTAAAATGGAATATATTGAATTAATTAATTGAGAACTTTTTAATTTATTTATTATTTTATAATAATTAAATATTCTAAATTAAATATTCTAATTAAATTAAAGTTTACAATTACAAGAAGATACTTATTGGGTTAGGTCCTGGGTATTTTGTCAATTGATAAATACCTTGTTTGTTGCGTTGCAACGCATACTAAAAAAAGGTTTCCATTATACTAAGAACTAAAAACGGGAAGGAAGAAAGCGAGAGGATCTCCTAATTACTAATCCTAAAATCAGTCCTTCCCGGAGGTATTCTATCAACTAATAAGTAATTGTTAGAGTGCAATGTTGATATAATTCGAAGAAGCAGAAAACAAGTCTAAGTAAAAAAAGTCTATTATGTACTTTTTTCTTATAGAATTAAACAAATGGATTCGCAAATAAAAGTGCTAATGCCACGACCAGTCCAT

psbK-psbI barcode:

AFLP-Lemna Genotype:

AFLP-Wolffia Genotype:

Other Sequence:

**Species Collection And Cultivation Information**

Date:

November 3rd 2020

Location:

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

Plot 405, UC Berkeley Botanical Gardens, Berkeley, CA, USA

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.)

After collection the clone was treated with bleach and water washes to remove associated microbes. It has since been cultivated on Schenk and Hillenbrandt agar.

**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

[ ]  University Of Jena