**Contact Information**

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**Manuscript Information (if applicable)**

Title:

Biological diversity of *Lemna aequinoctialis* (Welw.) isolates influences biomass production and wastewater phytoremediation

Journal:

Bioresource Technology Reports

Authors:

Adauto Gomes Barbosa Neto, Marciana Bizerra de Morais, Emmanuel Damilano Dutra, Tercilio Calsa Junior.

**Species Identification Information**

Name Of Species:

Lemna aequinoctialis

Morphological Classification (if applicable):

Molecular Classification:

atpF-atpH barcode:

*Lemna aequinoctialis*

psbK-psbI barcode:

AFLP-Lemna Genotype:

AFLP-Wolffia Genotype:

Other Sequence:

**Species Collection And Cultivation Information (clone AL)**

Date:

01/2015

Location:

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

Brazil, Pernambuco State, Itapissuma city, Biological treatment plant private; 7° 48' 5.72"S, 34°54'10.69"W.

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.)

Kept in vitro in SH medium.

**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

>Clone AL, Brazil, Pernambuco State, Itapissuma city, Biological treatment plant private; 7° 48' 5.72"S, 34°54'10.69"W.

GTGGCATTAGCACTTTTATTTGCGNATCCATTTGTTTAATTCTACAAAAAAGAAAGTACTTTTTGACTTAGACTTGCTTTTTGCTTCTTCGAATTCTATCAACATTGCACTCTAACAATTACTTATTCGTTGAGAGAATACCTCCGGGAAGGACTGATTTTAGGATTAGTAATTAGCAGATCCTCTCGCTTTCTTCCTTCCCGTTTTTAGTTCTTAGTATAATGTAAGGGAAAACTTTTTTGAGTATGCGTTGTAACGCAACAAACAAGGTATTTATTGACAAAATAGTCAGGCCCTAACCCAATAAGTATGCTCTTGTAATTGTAAACTTTAATTAGAATAAAATAATAAATAAAAAAGTTCTCAATTAAGTTAATTAATGTCATCTATTCTATTTTAAAATCCCATAAAAAAAAAAAAGAAATCAAAGAAAAGGGGCGAAGTAATACAAAAAGAACTCTGTTCTTTTTTAGTCCTATCTATAAGAGGAAAGTATATGCAAAATGTAACTGATTCTTTTGTTTCCTTGGGCCACTGGCCGTCTGCCGGGGGTTTTGGGTTTAATACCGATATTTTAGCAACAAATCCAATAAATCTAAGCGTAGTACT