**Contact Information**

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**Manuscript Information (if applicable)**

Title:

Rapid and highly efficient callus induction and plant regeneration in the starch-rich duckweed strains of *Landoltia punctata*

Journal:

Acta Physilogiae Plantarum

Authors:

Meng Huanga, Lili Fua, Xuepiao Sun, Rong Di, Jiaming Zhang

**Species Identification Information**

Name Of Species:

*Landoltia punctata*

Morphological Classification (if applicable):

2 - 7 roots. Fronds ovate to lanceolate, 1.5-2 times longer than wide; above green with 3-7 veins, and a clear series of papillae in the middle, bellow purple. 2 lateral pouches on either side of basal end.

Molecular Classification:

atpF-atpH barcode:

GenBank accession number KJ630554

psbK-psbI barcode:

AFLP-Lemna Genotype:

AFLP-Wolffia Genotype:

Other Sequence:

rps16 sequence, GenBank accession number KJ503327

**Species Collection And Cultivation Information**

Date:

August 18, 2013.

Location:

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

Baoting county, south of Hainan Island, China.

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 strain was stored as axentical clones at the Institute of Tropical Bioscience and Biotechnology, CATAS, Hainan Province, China. The clone is maintained on 1/2 Hoagland 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.)

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[ ]  University Of Jena