**Contact Information**

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**Manuscript Information (if applicable)**

Title:

**An efficient callus induction and regeneration of the new *Lemna gibba* XXXX strain**

Journal:

**Not determined**

Authors:

**Mohamed Abdelwahed**

**Species Identification Information**

Name of Species:

***Lemna gibba***

**Morphological Classification (if applicable):** Small, aquatic, fragile, floating plants. The body of the plant consists of leaf like frond. Fronds are ovate with entire margins. The lower surface of the fronds are gibbous. The frond has 4-5 veins arise from the node. There are several varied size air spaces (aeronchyma) within the body of the frond. Daughter fronds are located in 2 pockets in the lower side near to the spot of root arising. Each frond has single root. The root has no winged root base and has rounded root cap

***Lemna gibba***

Molecular Classification:

atpF-atpH barcode:

psbK-psbI barcode:

AFLP-Lemna Phenotype:

AFLP-Wolffia Phenotype:

**Species Collection And Cultivation Information**

Date:

**2001**

Location:

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

**Sadat City, Monofia, Egypt**

Cultivation Information:

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

**MS (Murashige and Skoog) liquid media. The clone was aseptically isolated and cultivated on MS liquid**.

**Would you like to submit clone to one of the Duckweed collections?**

**X** Yes

[ ]  No

**If so which one:**

**X** RDSC

**X** University Of Jena