**Contact Information**

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**Manuscript Information (if applicable)**

Title:

Journal:

Authors:

**Species Identification Information**

Name Of Species:

Spirodela polyrhiza (L.) Schleiden

Morphological Classification (if applicable):

Frond: orbicular-ovate, 8-10 mm

Frond color: dark green above, reddish spots beneath

Colonies: 3-5 fronds remain attached in clusters

Roots: 3-5 or more

The fronds produce turions due to ABA-treatment

Molecular Classification:

atpF-atpH barcode:

psbK-psbI barcode:

AFLP-Lemna Genotype:

AFLP-Wolffia Genotype:

Other Sequence:

**Species Collection And Cultivation Information**

Date:

2006

Location:

Hungary, Jász-Nagykun-Szolnok county, Kunszentmárton-Istvánháza (46.844496N, 20.260098E). The plants were collected from an abandoned, unmanaged waste water sludge lagoon of a former leather tanning factory. The site was heavily loaded with chromium at the time of plant collection.

Cultivation Information:

The stock culture has been maintained aseptically on liquid, modified Steinberg medium (Environment Canada EPS 1/RM/37, 2nd ed. 2007) in Erlenmeyer flasks, in the Tissue Culturing Room of the Dpt Botany, University of Debrecen (constant 24±2 C° temperature, warm white illumination with GE Polylux F30W/830 fluorescent tubes, PPFD = 60±10 mol m-2 s-1). The clone has not been subjected to genetic modification or other treatment affecting its physiology.

The clone was first reported in Oláh et al. 2009: Cereal Research Communications, 37: 533-536.

**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