**Contact Information**

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**Manuscript Information (if applicable)**

Title:

Flavour and metabolite profiling in duckweed: towards selection of species and cultivars for use in commercial food production

Journal:

Biorxiv

Authors:

Kellie E. Smith, Martin Schäfer, Mui Lim, Carlos Robles-Zazueta, Laura Cowan, Ian Fisk, Shuqing Xu, Erik H. Murchie

**Species Identification Information**

Name Of Species:

Spirodela polyrhiza

Morphological Classification (if applicable):

Molecular Classification:

atpF-atpH barcode:

psbK-psbI barcode:

AFLP-Lemna Genotype:

AFLP-Wolffia Genotype:

Other Sequence:

Short read sequence, project code PRJNA1030266 on Sequence read archive.

**Species Collection And Cultivation Information**

Date:

20/4/2021

Location:

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

Monmouth canal, five locks, Cwmbran, Newport, Wales, United Kingdom. 51.666636, -3.031435.

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.)

Maintained in sterile N medium in low light intensity cabinets. Now maintained in falcon tube at natural day lengths with limited nutrients, due to lack of cultivation facilities.

**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

X University Of Jena