**Contact Information**

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**Manuscript Information (if applicable)**

Title:

Journal:

Authors:

**Species Identification Information**

Name Of Species: *Lemna gibba* L.

Morphological Classification (if applicable): Small, aquatic, floating plants. The body of the plant consists of leaf like frond. The lower surface of the fronds are gibbous. Two lateral pouches on either side of basal end.

by prof. dr. sc. Jasenka Topić, Faculty of Science, University of Zagreb <https://www.bib.irb.hr/pretraga/?q=Topi%C4%87%2C+Jasenka+%2850255%29&by=author>

Molecular Classification:

atpF-atpH barcode:

psbK-psbI barcode:

AFLP-Lemna Genotype:

AFLP-Wolffia Genotype:

Other Sequence:

Rbcl: TATACTCCTGAGTATGAGACAAAAGATACGGATATCTTGGCAGCATTCCGAGTAACTCCTCAACCTGGAGTTCCACCTGAAGAAGCAGGGGCTGCAGTAGCTGCCGAATCTTCTACTGGTACATGGACAACTGTGTGGACTGATGGACTTACCAGCCTTGATCGTTACAAAGGACGATGCTACCATATCGAACCTGTTGCTGGAGAAGAAAATCAATTTATTGCTTATGTAGCTTACCCATTAGACCTTTTTGAAGAAGGTTCTGTTACTAACATGTTTACCTCCATTGTAGGTAACGTATTTGGGTTTAAAGCTTTACGAGCTCTACGTTTGGAAGATTTGCGAATTCCTCCTGCGTATTCCAAAACTTTCCAAGGCCCACCTCATGGGATCCAAGTTGAGAGAGATAAATTGAACAAGTATGGTCGTCCTCTATTGGGATGTACCATCAAACCAAAATTGGGATTATCCGCGAAAAACTACGGTAGAGCGGTTTATGAA

Its:

GAATCTTTGAACGCAAGTTGCGCCCGAGGCCATCCGGCCGAGGGCACGCCTGCCTGGGCGTCACGCCCCCGGTCGCTCCGCGCCTCCCCTCGCTGGGAACGCGCGGATGCGGAGGCTGGCCGGCCGCGGGCGCGCGCAGCGTGCGCGCGCGCGGCGGGCCGAAGTGCAGGGCCCCCCC

**Species Collection And Cultivation Information**

Date: 2006.

Plants were collected by Aleksandra Kočić (University of Osijek, Department of Biology)

Location: Nature Park Kopački Rit (Special Zoological Reserve) in Eastern Croatia (45° 37′ 51″ N, 18° 53′ 31″ E)

**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 collected plants were washed thoroughly with mercury chloride followed by 70% ethanol and sterile distilled water. The stock culture was initiated from the surviving individuals and has been maintained aseptically since then on the Pirson and Seidel growth medium. Culture was grown in an incubator chamber (Innova R 43, New Brunswick at the University of Osijek, Department of Biology) at 25±1°C under a 16 h photoperiod (70 µmol photons m-2s-1) followed by 8 h in the dark. Since 2015. the stock culture is maintained in parallel on modified Steinberg medium (pH 5.5, medium description in Test No. 221: Lemna sp. Growth Inhibition Test), constant temperature 25±1 C° and continuous illumination (in average 70 mol m-2 s-1). No genetic modifications has been performed.

**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