**Contact Information**

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**Manuscript Information (if applicable)**

Title:

Biodiversity of duckweeds around Hongze Lake in China and their potential for bioremediation of industrial and municipal wastewater

Journal:

Journal of Geoscience and Environment Protection

Authors:

Yuzhen Zhou, Anton Peterson, Guimin Chen, Olena Kishchenko, Nikolai Borisjuk

**Species Identification Information**

Name of Species:

*Lemna turionifera*

Morphological Classification (if applicable):

NA

Molecular Classification:

atpF-atpH barcode:

*Lemna turionifera*

psbK-psbI barcode:

*Lemna turionifera*

rpoB barcode:

*Lemna turionifera*

matK barcode:

*Lemna turionifera*

Other Sequence:

**Species Collection And Cultivation Information**

Date:

10-06-2017

Location:

China, Huaian, “Peach Blossom Valley” park

33°37’49’’N; 119°00’56’’E

Cultivation Information:

The clone is cultivated under aseptic condition on SH agar medium. No genetic manipulation 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.)

**[ ]** RDSC

[ ]  University Of Jena

atpF-atpH barcode:

GTACTACGCTTAGATTTATTGGATTTGTTGCTAAAATATCGGTATTAAACCCAAAACCGCCGGCGGATGGCCAGTGGCCCAAGGAAACAAAAGAATCAGTTACATTTTGCATATACTCTCCTCTTATAGATAGGACTAAAAAAGAACAGAGTTCTTTTTGTATTACTTCGCCCCCTTTGTTTGATTTCTTTTTTTTATGGGATTTTTAAATGGAATAGATTTAATTAATTAATTTAATTGAGAACTTTTTTATTTATTATTTAATTCTAATTAAAGTTTATAATTACAAGAACATACTTATTGGGTTAGATCCTGGCTATTTTGTCAATTGATAAATACCTTGTTTGTTGCGTTACAACGCATACTCAAAAAAAGTTTTGCATTACATTATACTAAGAACTGAAAACGGGAAGGAAGAAAGCGAGAGGATCTGCTAATTACTAATCCTAAAATCAGTCCTTCCCGGAGGTATTCTCTCAACGAATAAGTAATTGTTAGAGTACAATCTTGATATAATTCGAAGAAGCAAAAAGCAAGTCTAAGTCAAAAAGTCTATTACGTACTTTTTTATTCTAGAATTAAACAAATGGATTCGCAAATAAAAGTGCTAATGCCACAACCAGTCCATAAATTGTTAAAGCTCC

psbK-psbI barcode:

TTCGATAGGTTATTAAACTCTACTGAAAAAATTCATGATTTATTTGCTAAAAAAGATTCTAATAATAATTGATAACGTAATAGCAATCTTAGTTTATACATCCTCATAAAAAATATTTGAATTCTAGTATATTGGATAAAAAGAGCGATAAGTTTGGATCAGTCCATTTCGCCATTCAGGCCGCTCTTCCAGTGAGGAAGTACTTTATTTATTAGCTTTTGTTTTACACAATACTTTATTGTTAATATTAGAGTAAATATTAGAATAACCTTTTCGGTAACGAACAAGTCATAATCTTAATTTAAAATGCATTCATGAGTTTGAAAATTCAGTTTTTGTAGAAAAAACACTTAACTTAATACTATACTTAATAAAATTAAGTATTGTTCTTTCTTTTTTCATAGTTTTTTTCTTGGCATGCCCAAATAATACATGTGTTACATAACTCAAATGGATAATCTATTCCCTTTTACCCCAAAAATGATCCTATCTTGGAGATTGTGTAATGCTTACTCTCCAAACTTTA

rpoB barcode:

CACTGTGGGCAGTGTATTGTAGGACCGGGCTGGACGCCAAGCGGCTTTAGATTCTGGCGTTTCAGTTATAGCCGAACACGAGGGAAAAGTCATTTCTACTGATACTCACCAAATTGTTTTCTCAGGTAATGGAAACACTCTAAATATTCCATTAGTTATGTATCAACGTTCCAACAAAAATACTTGTATGCACCAAAAACCTCAGGTTCAACGAGGTAAATACGTTAAAAAGGGACAAATTTTAGCTGACGGGGCGGCTACCGTTGGTGGAGAACTCGCTTTGGGAAAAAATGTATTAGTAGCTTATATGCCGTGGGAAGGCTACAATTTTGAAGATGCGGTACTTATTAGTGAGCGTTTGGTATATAGCGATATTTATACTTCTTTTCACATCCGAA

matK barcode:

AACGGGTCGGGCAGGAAGTCTAGTATATACTTTATTCGATACAAACTCTGTTTTTTTGAAGACCCACTGTAATAATGAGAAAGGTTTCTATATATTCTACCAAATCGATCAATAATATCAGAATCTGACAAATCTGCCCAAGCTGGCTTGCTAATAGGATTCCCTGATAGATTACAAAATTTAGCTTTTGCCAATGACCCAATCATAGGAATAATTGATATCATTGTTTCAAATTTTGGAGTAAAGGTATCTATTAAAAAGGAATTCTCTAGCATTTGACTCTTCGCGGATGAAGGATTTATTGGTACACTTGAAAGATAACCCAAAAAATAGAAAGAAAAATGGGGGAATTGGTTTATGTGTATCCTACTGGGTTGAGACCAAAAGTGAAAATGACATTGCCATAAATTCACAAAGTAAGATTTCCATTTCTTCATCAGAAGATGAGTCCCTTTTGAAGCCATAATGCATTTTCCTTGATACCTAACATAATGCATGAAAGGATCCTTGAATAACCATAGGGTTTTCTGAAAATCATTACAAGAAGTTACTCCAATATGTTTCATTTTTCCATAGAAGTGTGTTCGCTCAAGAAGGGGTCCAAAAGATGTTGATGGTAAATAAGAGGATGATTTACGAAGAAAATAAAATATGGATTCGCATTCGACTACATAAGAATTATATAGGAACCTATAGAGTCTTGGATTATCTTTTGAAAAACCATAACTAGATTTATTTGGAGTAATGCTATTACTCCCATTGTTATAGTCGTGAAAAATCAATCGTAATAAATGTAAAGTGGGAACATCTTGTATCCAGCATTGTAGAATTTGAACCAATATTTCTAGTGGGGACCGGAT