

**Supplementary Appendix to:** Whole angiosperms *Wolffia columbiana* disperse by gut passage through wildfowl in South America.

G. G. Silva<sup>1</sup>; A. J. Green<sup>2</sup>; V. Weber<sup>1</sup>; P. Hoffmann<sup>1</sup>; Á. Lovas-Kiss<sup>3</sup>; C. Stenert<sup>1</sup>; L. Maltchik<sup>1</sup>

<sup>1</sup>Laboratory of Ecology and Conservation of Aquatic Ecosystems. Universidade do Vale do Rio dos Sinos (UNISINOS), Brazil.

<sup>2</sup>Department of Wetland Ecology, Estación Biológica de Doñana (EBD-CSIC), Spain.

<sup>3</sup>Department of Tisza Research, MTA Centre for Ecological Research-DRI, Hungary

**Appendix S1**

Date, total number of faeces collected, number of samples with *Wolffia columbiana* for each waterbird species from five wetlands, and the number of intact *Wolffia* recovered. The wetland numbers correspond to the locations given in appendix S2 and S3.

Species	Number of samples	Samples with intact <i>Wolffia</i>	Number of intact <i>Wolffia</i>	Wetland	Sampling date
<i>Dendrocygna viduata</i>	6			2	21/10/2017
<i>Dendrocygna viduata</i>	10			1	18/11/2017
<i>Dendrocygna viduata</i>	7			3	10/02/2018
<i>Dendrocygna viduata</i>	11	5	60	4	25/04/2018
<i>Dendrocygna viduata</i>	15*	3	18	5	27/07/2018
<i>Coscoroba coscoroba</i>	2			2	24/08/2017
<i>Coscoroba coscoroba</i>	13			3	18/11/2017
<i>Coscoroba coscoroba</i>	7	7	86	4	25/04/2018

\* These were the samples used for the viability experiment

**Appendix S2**

Coordinates of wetlands where fresh faeces of *C. coscoroba* and *D. viduata* were collected in southern Brazil between August 2017 and June 2018.

<b>Wetland</b>	<b>Lat°</b>	<b>Long°</b>
1	33°36'33.20"S	53°21'40.00" W
2	33°38'13.10"S	53°20'49.52" W
3	33°37'37.95"S	53°21'47.43" W
4	33°35'57.50"S	53°15'38.67" W
5	33°33'25.45"S	53°21'36.82"W

### Appendix S3

Map with location of the study area, in Santa Vitória do Palmar municipality, in the Coastal Plain of southern Brazil. Dots indicate the five wetlands where faeces of *C. coscoroba* and *D. viduata* were collected. Satellite image adapted from Google Earth.

