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Co-Authorship Form

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This form is to accompany the submission of any PhD that contains research reported in published or unpublished co-authored work. **Please include one copy of this form for each co-authored work.** Completed forms should be included in your appendices for all the copies of your thesis submitted for examination and library deposit (including digital deposit).

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Chapter 3 : Ratcliffe, J.L., Campbell, D.I., Clarkson, B.R., Wall, A.M. and Schipper, L.A., 2019. Water table fluctuations control CO₂ exchange in wet and dry bogs through different mechanisms. *Science of The Total Environment*, 655, pp.1037-1046.

Nature of contribution
by PhD candidate

Collected and analysed data, wrote the paper

Extent of contribution
by PhD candidate (%)

90%

CO-AUTHORS

Name	Nature of Contribution
David I. Campbell	Conceived the project, advised on data analysis and presentation, provided input and commented on the final manuscript
Beverley R. Clarkson	Offered advice throughout the project, contributed to section of manuscript regarding plants, commented on the final manuscript
Aaron M. Wall	Helped with the data processing and commented on the final manuscript
Louis A. Schipper	Offered advice on manuscript structure and content, commented on the final manuscript

Certification by Co-Authors

The undersigned hereby certify that:

❖ the above statement correctly reflects the nature and extent of the PhD candidate's contribution to this work, and the nature of the contribution of each of the co-authors; and

Name	Signature	Date
Joshua L. Ratcliffe		02/04/2020
Louis Schipper		03/04/2020
Aaron Wall		03/04/2020
Beverley Clarkson		03/04/2020
David Campbell		05/04/2020