Editor of *AoB Plants*

Sydney, 25th June, 2015

Dear Editor of *AoB Plants*,

Please find enclosed our manuscript **“Interactive effects of waterlogging and atmospheric CO2 concentration on gas exchange, growth and functional traits of Australian riparian tree seedlings”**, which we have submitted for consideration as a Research Article in *AoB Plants*.

We used a glasshouse experiment to ask whether elevated atmospheric CO2 (eCO2) could mitigate waterlogging stress in juvenile riparian trees. Responses to treatments varied between species, but no mitigating effect of eCO2 on waterlogging growth impairment was found. For one species, however, eCO2-induced growth stimulation was nullified by waterlogging.

We believe our findings make a novel contribution to what is currently a very small pool of literature describing the combined effects of waterlogging and eCO2 on plants.

We confirm that this manuscript is original and is not published or under consideration for publication by any other journal. If you feel this contribution is appropriate for your journal, we suggest the following referees:

J. Patrick Megonigal - megonigalp@si.edu

Laura Perry - perryl@usgs.gov

Timothy D Colmer - timothy.colmer@uwa.edu.au

We suggest that the following scientists on the *AoB Plants* Editorial Board may be suitable to act as Associate Editor for this manuscript: Tim Flowers, Brian Atwell, Abad Chabbi, Michael B. Jackson, Rafael Oliveira, Astrid Volder.

We submit this cover letter, the manuscript, 3 figures and 2 tables. James Lawson is the corresponding author, and email is the preferred form of contact.

Yours sincerely,

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