

Interactive comment on “Low-resolution Australasian palaeoclimate records of the last 2000 years” by Bronwyn C. Dixon et al.

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Received and published: 22 May 2017

The PAGES Data Stewardship Integrative Activity seeks to advance best practices for sharing data generated and assembled as part of all PAGES-related activities. As part of this activity, a team of reviewers has been constituted for the “Climate of the Past 2000 years” Special Issue. The data team is reviewing the data handling within each of the CP-Discussion papers in relation to the CP data policy and current best practices. The team has identified essential and recommended additions for each paper, with the goal of achieving a high and consistent level of data stewardship across the 2k Special Issue. We recognize that an additional effort will likely be required to meet the high level of data stewardship envisaged, and we appreciate the dedication and contribution of the authors. This includes the use of Data Citations (see example in supplement). We ask authors to respond to our comments as part of the regular

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open interactive discussion. If you have any questions about PAGES Data Stewardship principles, please contact any of us directly.

Best wishes for the success of your paper,

2k Special Issue Data Review Team (Darrell Kaufman, Nerilie Abram, Belen Martrat, Raphael Neukom, Scott St. George) and ex-officio team members (Marie-France Loutre, Lucien von Gunten)

Essential additions for this paper:

(1) Expand the "Data Availability" section to include a URL to a landing page for the data compilation in this paper. The landing page should list the 22 individual datasets that were selected for this study (Table 1) plus those that were considered but not selected (Table S1).

(2) Add Data Citations/URLs (in addition to publication citations) for each of the 22 datasets selected for this compilation. For those data not already in a persistent public repository, submit essential metadata along with the proxy time series itself and add the Data Citation/URL in Table 1.

(3) Include the 14C and other age control for each of the 22 records, plus the age ensembles (a primary outcome of this study), within the publicly archived files (LiPD format is recommended).

(4) If any of the records used in this study were also used in previous PAGES 2k databases (temperature or isotopes), please include cross references to those IDs in Table 1.

Strongly recommended:

(5) Table S1 is a major resource for the paleoclimate community. Its value would be increased by: (a) Stating the criterion (or criteria) that was not met for each of the records that did not make the final cut. This will enable future users to easily cull the

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records that meet other criteria (e.g., lower resolution). (b) Naming the archive and proxy type for each record (as in Table 1). (c) Replacing the "NA" with the actual data or explain the purpose/meaning of the "NA".

Please also note the supplement to this comment:

<http://www.clim-past-discuss.net/cp-2017-31/cp-2017-31-SC2-supplement.pdf>

Interactive comment on Clim. Past Discuss., doi:10.5194/cp-2017-31, 2017.