

***Interactive comment on “Variability of the Asian summer monsoon during the penultimate glacial/interglacial period inferred from stalagmite oxygen isotope records from Yangkou cave, Chongqing, Southwestern China” by T. -Y. Li et al.***

**T. -Y. Li et al.**

river@ntu.edu.tw

Received and published: 10 April 2014

Dear Editor: Enclosed please find an electronic copy of our revised manuscript "Stalagmite-inferred variability of the Asian summer monsoon during the penultimate glacial/interglacial period" by Li et al. (CP-2003-170). We would like to submit it as an article to the special issue entitled "Western Pacific paleoceanography - an ocean history perspective on climate variability at orbital to centennial scales". The material in this submission includes: (1) main text, (2) six figures, and (3) one table. None of the material has been published or is under consideration elsewhere, including the

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internet. We are pleased by the very positive and constructive nature of the reviews. We have made attempt to incorporate suggestions and the comments of the Editor, Dr. Mahyar Mohtadi. Please see the details of our implementation of the reviews in the attached file "response\_to\_review\_comments-cp-2003-170.pdf". We have incorporated reviewers' suggestions and comments for modifying portions from ABSTRACT to CONCLUSIONS. The manuscript has, thus, been revised throughout. If this manuscript can be accepted, please consider arranging a good publication time. It will be much appreciated. Please accept our deep appreciation again for your assistance about this submission. We look forward to hearing from you. Sincerely, Chuan-Chou Shen  
Department of Geosciences, National Taiwan University No. 1, Sec. 4, Roosevelt Road, Taipei 106, Taiwan ROC. TEL: 886-2-3366-5878 FAX: 886-2-3365-1917 Email: river@ntu.edu.tw

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國立台灣大學理學院地質科學系  
 106 臺北市羅斯福路四段一號  
 Department of Geosciences, National Taiwan University  
 No. 1, Sec. 4, Roosevelt Road, Taipei 106, TAIWAN R.O.C.  
 Tel: +886-2-33662918 Fax: +886-2-33636095

April 10, 2014

Editor of the *Climate of the Past*  
 Editorial Office  
*Climate of the Past*  
 European Geosciences Union

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Sincerely,

Chen-Chou Shen  
 Department of Geosciences, National Taiwan University  
 No. 1, Sec. 4, Roosevelt Road, Taipei 106, Taiwan ROC.  
 TEL: 886-2-3366-5878 FAX: 886-2-3365-1917  
 Email: river@ntu.edu.tw

Fig. 1.

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1 **Stalagmite-inferred variability of the Asian summer monsoon during**  
 2 **the penultimate glacial/interglacial period**

3  
 4 T.-Y. Li<sup>1,2,3</sup>, C.-C. Shen<sup>4\*</sup>, L.-J. Huang<sup>5</sup>, X.-Y. Jiang<sup>6</sup>, X.-L. Yang<sup>1</sup>, H.-S. Mii<sup>7</sup>,  
 5 S.-Y. Lee<sup>8</sup>, L. Lo<sup>9</sup>

6  
 7 <sup>1</sup>Key Laboratory of Eco-environments in Three Gorges Reservoir Region, Ministry of  
 8 Education, School of Geographical Sciences, Southwest University, Chongqing  
 9 400715, China

10 <sup>2</sup>State Key Laboratory of Loess and Quaternary Geology, Institute of Earth  
 11 Environment, CAS, Xi'an 710075, China

12 <sup>3</sup>High-Precision Mass Spectrometry and Environment Change Laboratory (HISPEC),  
 13 Department of Geosciences, National Taiwan University, Taipei 10617, Taiwan ROC

14 <sup>4</sup>College of Geographical Science, Fujian Normal University, Fuzhou 350007, China

15 <sup>5</sup>Department of Earth Sciences, National Taiwan Normal University, Taipei 11677,  
 16 Taiwan ROC

17 <sup>6</sup>Research Center for Environmental Changes, Academia Sinica, Taipei 11529,  
 18 Taiwan ROC

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21 Special issue of "Western Pacific Paleocanography - An Ocean History

22 Perspective on Climate Variability at Orbital to Centennial Scales"

23

24 <sup>\*</sup>Corresponding author:

25 C.-C. Shen: National Taiwan University, E-mail: [river@ntu.edu.tw](mailto:river@ntu.edu.tw)

26 (Tel) 886-2-3366-5878; (Fax) 886-2-3365-1917.

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Fig. 2.

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We are pleased by the very positive and constructive reviews. We have made every attempt to incorporate the comments/arguments. We believe that we have addressed all reviewers' comments. Please see the details of our implementation of the reviews below.

Points raised by reviewers and editor are shown in blue, Arial type, while our responses are shown in black, Times New Roman type.

**Editor: Dr. Mahyar Mohtadi**

E1 "First and foremost my apologies regarding the long delay of the review process. We had a large (double-digit) number of declined review invitations, possibly because of the timing of your submission right before the Christmas. When revising your manuscript, please address all the referees' comments in full and send a point-by-point response to their comments. I agree with both referees suggesting to remove the rather speculative discussion of the stalagmite  $\delta^{18}\text{O}$  forcing by tropical Pacific SST gradient, unless you find more convincing evidence for this hypothesis. Please also consider that your revised manuscript could be sent to the same referees for further advice, particularly in light of the referee #2 suggestions of expanding certain parts of the discussion on the expense of the others. Hope you find these comments helpful."

Thank Dr. Mohtadi for handling with our case and summarizing issues raised by the reviewers. We have addressed all points, including comments, questions, and suggestions given by reviewers. Please consider our revised manuscript if this version can be accepted by your journal.

**Fig. 5.**

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