

Accepted Manuscript

Environment and ecology of East Asian dinosaurs during the Early Cretaceous inferred from stable oxygen and carbon isotopes in apatite

Romain Amiot, Xu Wang, Zhonghe Zhou, Xiaolin Wang, Christophe Lécuyer, Eric Buffetaut, Frédéric Fluteau, Zhongli Ding, Nao Kusuhashi, Jinyou Mo, Marc Philippe, Varavudh Suteethorn, Yuanqing Wang, Xing Xu

PII: S1367-9120(14)00562-8
DOI: <http://dx.doi.org/10.1016/j.jseaes.2014.11.032>
Reference: JAES 2193

To appear in: *Journal of Asian Earth Sciences*

Received Date: 25 April 2014
Revised Date: 26 November 2014
Accepted Date: 27 November 2014

Please cite this article as: Amiot, R., Wang, X., Zhou, Z., Wang, X., Lécuyer, C., Buffetaut, E., Fluteau, F., Ding, Z., Kusuhashi, N., Mo, J., Philippe, M., Suteethorn, V., Wang, Y., Xu, X., Environment and ecology of East Asian dinosaurs during the Early Cretaceous inferred from stable oxygen and carbon isotopes in apatite, *Journal of Asian Earth Sciences* (2014), doi: <http://dx.doi.org/10.1016/j.jseaes.2014.11.032>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



**Environment and ecology of East Asian dinosaurs during the Early Cretaceous
inferred from stable oxygen and carbon isotopes in apatite**

Romain Amiot^{a,b,*}, Xu Wang^c, Zhonghe Zhou^a, Xiaolin Wang^a, Christophe Lécuyer^{2b,i}, Eric Buffetaut^d,
Frédéric Fluteau^e, Zhongli Ding^c, Nao Kusuhashi^f, Jinyou Mo^g, Marc Philippe^b, Varavudh Suteethorn^h,
Yuanqing Wang^a, and Xing Xu^a

^aKey Laboratory of Vertebrate Evolution and Human Origins, Institute of Vertebrate Paleontology and
Paleoanthropology, Chinese Academy of Sciences, 142 Xi Zhi Men Wai DaJie, Beijing 100044, China.

^bCNRS UMR 5276, Université Claude Bernard Lyon 1 and Ecole Normale Supérieure de Lyon, 2, Rue
Raphaël Dubois, 69622 Villeurbanne Cedex, France.

^cKey Laboratory of Cenozoic Geology and Environment, Institute of Geology and Geophysics, Chinese
Academy of Sciences, 19 Beitucheng Xilu, Beijing 100029, China.

^dCNRS UMR 8538, Laboratoire de Géologie de l'Ecole Normale Supérieure, 24, Rue Lhomond, 75231
Paris Cedex 05, France.

^eInstitut de Physique du Globe de Paris, 2 place Jussieu, F-75005, Paris, France

^fDepartment of Earth's Evolution and Environment, Graduate School of Science and Engineering,
Ehime University, 2-5 Bunkyo-cho, Matsuyama, Ehime 790-8577, Japan.

^gNatural History Museum of Guangxi, 1-1 East Renmin Road, Nanning 530012, China.

^hPalaeontological Research and Education Centre, Mahasarakham University, Thailand.

ⁱAlso at Institut Universitaire de France

* Corresponding Author: romain.amiot@univ-lyon1.fr

Download English Version:

<https://daneshyari.com/en/article/6444395>

Download Persian Version:

<https://daneshyari.com/article/6444395>

[Daneshyari.com](https://daneshyari.com)