## Accepted Manuscript

First report of sauropod tracks from the Upper Jurassic Tianchihe Formation of Guxian County, Shanxi Province, China

Huan Xu, Yong-Qing Liu, Hong-Wei Kuang, Nan Peng, Juan Pedro Rodríguez-López, Shi-Chao Xu, Suo-Zhu Wang, Jian Yi, Pei-Lin Xue, Lei Jia

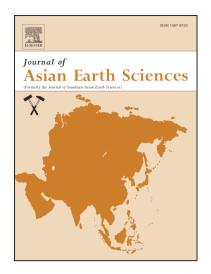
PII: S1367-9120(17)30615-6

DOI: https://doi.org/10.1016/j.jseaes.2017.10.042

Reference: JAES 3292

To appear in: Journal of Asian Earth Sciences

Received Date: 19 February 2017 Revised Date: 23 October 2017 Accepted Date: 30 October 2017



Please cite this article as: Xu, H., Liu, Y-Q., Kuang, H-W., Peng, N., Pedro Rodríguez-López, J., Xu, S-C., Wang, S-Z., Yi, J., Xue, P-L., Jia, L., First report of sauropod tracks from the Upper Jurassic Tianchihe Formation of Guxian County, Shanxi Province, China, *Journal of Asian Earth Sciences* (2017), doi: https://doi.org/10.1016/j.jseaes. 2017.10.042

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.

## **ACCEPTED MANUSCRIPT**

First report of sauropod tracks from the Upper Jurassic Tianchihe Formation of Guxian County, Shanxi Province, China

Huan Xu<sup>1, 2</sup>, Yong-Qing Liu<sup>3, \*</sup>, Hong-Wei Kuang<sup>3</sup>, Nan Peng<sup>3</sup>, Juan Pedro Rodríguez-López<sup>4</sup>, Shi-Chao Xu<sup>5</sup>, Suo-Zhu Wang<sup>5</sup>, Jian Yi<sup>5</sup>, Pei-Lin Xue<sup>5</sup>, Lei Jia<sup>5</sup>

- 1 College of Earth Science, East China University of Technology, Nanchang 330013, Jiangxi, China
- 2 Institute of Geological Survey, East China University of Technology, Nanchang 330013, Jiangxi, China
- 3 Institute of Geology, Chinese Academy of Geological Sciences, Beijing 100037, China
- 4 Polytechnic School, Nebrija University, Dehesa de La Villa Campus, Calle Pirineos 28040, Madrid, Spain
- 5 Shanxi Museum of Geology, Taiyuan 030024, China
- \* Corresponding author. E-mail address: liuyongqing@cags.ac.cn Tel./fax: +86 10 68995462

#### **Abstract**

This paper presents the first report of sauropod tracks from the Upper Jurassic of Shanxi Province, China. Dinosaur tracks appear concentrated in five trackways, in different stratigraphic levels of the Late Jurassic Tianchihe Formation. Tracks are dominantly small and medium-size sauropod tracks and are tentatively assigned to *Brontopodus* based on preserved track morphology, trackway pattern and statistical analysis. The Tianchihe Formation in which the tracks appear shows a gradual change

### Download English Version:

# https://daneshyari.com/en/article/8914174

Download Persian Version:

https://daneshyari.com/article/8914174

<u>Daneshyari.com</u>