Accepted Manuscript

Changes in terrestrial floras at the Triassic-Jurassic Boundary in Europe

Maria Barbacka, Grzegorz Pacyna, Ádam T. Kocsis, Agata Jarzynka, Jadwiga Ziaja, Emese Bodor

PII: S0031-0182(16)30497-7

DOI: doi: 10.1016/j.palaeo.2017.05.024

Reference: PALAEO 8304

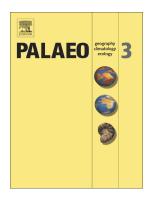
To appear in: Palaeogeography, Palaeoclimatology, Palaeoecology

Received date: 21 September 2016

Revised date: 16 May 2017 Accepted date: 17 May 2017

Please cite this article as: Maria Barbacka, Grzegorz Pacyna, Ádam T. Kocsis, Agata Jarzynka, Jadwiga Ziaja, Emese Bodor, Changes in terrestrial floras at the Triassic-Jurassic Boundary in Europe, *Palaeogeography, Palaeoclimatology, Palaeoecology* (2017), doi: 10.1016/j.palaeo.2017.05.024

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

Changes in terrestrial floras at the Triassic-Jurassic Boundary in Europe

Maria Barbacka^{1,4}, Grzegorz Pacyna², Ádam T. Kocsis³, Agata Jarzynka⁴, Jadwiga Ziaja⁴, Emese Bodor⁵

¹ Hungarian Natural History Museum, Bot. Dep., H-1431 Budapest, Pf. 137, Hungary; email: barbacka@bot.nhmus.hu

² Jagiellonian University, Institute of Botany, Department of Taxonomy, Phytogeography and
Palaeobotany, ul. Kopernika 27, PL-31-501 Kraków, Poland; email: grzegorz.pacyna@uj.edu.pl
³ GeoZentrum Nordbayern, Department of Geography and Geosciences, Universität Erlangen-

Nürnberg, Germany and MTA-MTM-ELTE Research Group for Paleontology, Pázmány Péter

sétány 1/C, H-1117 Budapest, Hungary; email: adam.kocsis@fau.de

⁴ W. Szafer Institute of Botany, Polish Academy of Sciences, Lubicz 46, 31-512 Kraków; email: j.ziaja@botany.pl, agata.jarzynka@gmail.com

⁵ Geological and Geophysical Institute of Hungary, Department of Geological and Geophysical Collections, Budapest, Hungary 1143, Stefánia út 14; email: bodor.emese@mfgi.hu

Key words: Rhaetian, Hettangian, floral change, plant diversity

Abstract

One of the biggest mass extinctions took place at the Triassic-Jurassic Boundary. It affected both marine and terrestrial ecosystems, and caused the disappearance of many animal taxa, mostly marine ones. Its influence on floral changes has been widely discussed, with arguments offered for the sudden mass extinction of plants over vast areas, or, alternatively, for slow, less extensive

Download English Version:

https://daneshyari.com/en/article/5755632

Download Persian Version:

https://daneshyari.com/article/5755632

<u>Daneshyari.com</u>