

Accepted Manuscript

Astronomical forcing of Carboniferous paralic sedimentary cycles in the Upper Silesian Basin, Czech Republic (Serpukhovian, latest Mississippian): New radiometric ages afford an astronomical age model for European biozonations and substages

Jakub Jirásek, Stanislav Opluštil, Martin Sivek, Mark D. Schmitz, Hemmo A. Abels



PII: S0012-8252(17)30077-6
DOI: <https://doi.org/10.1016/j.earscirev.2017.12.005>
Reference: EARTH 2546
To appear in: *Earth-Science Reviews*
Received date: 14 February 2017
Revised date: 29 November 2017
Accepted date: 10 December 2017

Please cite this article as: Jakub Jirásek, Stanislav Opluštil, Martin Sivek, Mark D. Schmitz, Hemmo A. Abels , Astronomical forcing of Carboniferous paralic sedimentary cycles in the Upper Silesian Basin, Czech Republic (Serpukhovian, latest Mississippian): New radiometric ages afford an astronomical age model for European biozonations and substages. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Earth(2017), <https://doi.org/10.1016/j.earscirev.2017.12.005>

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.

Astronomical forcing of Carboniferous paralic sedimentary cycles in the Upper Silesian Basin, Czech Republic (Serpukhovian, latest Mississippian): New radiometric ages afford an astronomical age model for European biozonations and substages

Jakub Jirásek, Stanislav Opluštil, Martin Sivek, Mark D. Schmitz, Hemmo A. Abels

Jakub Jirásek, Institute of Geological Engineering, Faculty of Mining and Geology, VŠB-Technical University of Ostrava, 17. listopadu 15/2172, 708 33 Ostrava – Poruba, Czech Republic, jakub.jirasek@vsb.cz

tel. +420 596 993 502

fax. +420 596 918 589

(corresponding author)

Stanislav Opluštil, Institute of Geology and Palaeontology, Faculty of Science, Charles University, Albertov 6, Prague, 12843, Czech Republic, stanislav.oplustil@natur.cuni.cz

Martin Sivek, Institute of Geological Engineering, Faculty of Mining and Geology, VŠB-Technical University of Ostrava, 17. listopadu 15/2172, 708 33 Ostrava – Poruba, Czech Republic, martin.sivek@vsb.cz

Mark D. Schmitz, Department of Geosciences, Boise State University, 1910 University Drive, Boise, ID, U.S.A., markschmitz@boisestate.edu

Hemmo A. Abels, Department of Geosciences and Engineering, Delft University of Technology, Stevinweg 1, 2628 CN, Delft, Netherlands, h.a.abels@tudelft.nl

Download English Version:

<https://daneshyari.com/en/article/8913091>

Download Persian Version:

<https://daneshyari.com/article/8913091>

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