

PALAEOPHYTOGEOGRAPHY OF THE SIBERIAN PALAEOFLORESTIC REGION IN THE EARLY AND FIRST HALF OF THE MIDDLE JURASSIC

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DOI: 10.31857/S0006813621090076

The results of a comparative analysis of taphofloras from the Early and first half of the Middle Jurassic of the Siberian palaeofloristic region are considered. The similarity of the taxonomic composition of the taphofloras in West Siberia and North China has been revealed for this time interval. Based on original and literature data, the position of the south and southwest boundaries of the Siberian palaeofloristic region, and the boundary between its West Siberian and North Chinese provinces have been corrected. The refined taxonomic composition of the palaeofloras, the constant presence in the deposits of numerous remains of leaves of deciduous gymnosperms and the sedimentological features of plant-bearing strata – all this provides convincing evidence that the climate throughout the Siberian palaeofloristic region in the Early and first half of the Middle Jurassic was humid with seasonal changes in temperature and/or humidity. The palaeogeographic features of the northeast of the Siberian palaeofloristic region are briefly discussed.

Keywords: Early Jurassic, Middle Jurassic, Siberia, China, palaeophytogeography, taphoflora, phytostratigraphic assemblages

ACKNOWLEDGEMENTS

The authors are grateful to Doctor of Geological and Mineralogical Sciences A.B. German and Doctor of Biological Sciences L.B. Golovneva for valuable advice and comments. The work was carried out within the framework of the state assignments of the Komarov Botanical Institute RAS (№ AAAA-A19-119021190031-8) and Geological Institute RAS (№ 0135-2019-0045).

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