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New data on fauna and flora of the Upper Paleozoic deposits of the North Siberian platform (Anabar-Khatanga Saddle)

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Abstract

© 2015, Pleiades Publishing, Ltd. Core hole no. AKh-1 has been drilled within the Anabar-Khatanga oil and gas fields, on the left bank of Khatanga Bay. To date only data on the upper 972.5 meters of the core have been examined in detail and processed by the authors; however, we obtained unique materials displaying lithoand biostratigraphic features of the section of Permian deposits. In the explored part of Permian deposits we can very clearly distinguish the top of the Tustakh Formation and the Lower and Upper Kozhevnikova formations. The assemblages of flora, foraminifers, brachiopods, marine and nonmarine bivalves are characterized and results of palynological analysis are presented.

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Keywords

Anabar-Khatanga oil and gas fields, fauna, flora, Lower Kozhevnikova Formation, Permian deposits, Siberian platform, Tustakh Formation, Upper Kozhevnikova Formation