

Conodonts, ammonoids, foraminifers, and depositional setting of the Serpukhovian and Bashkirian stages in the Kugarchi Section in the South Urals, Russia

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Abstract

The Kugarchi Section in the Zilair Synclinorium in the South Urals (Russia, Bashkortostan) is one of the most complete sections of the Bukharcha Formation, including the entire Serpukhovian and the lower Bashkirian. This is the type section of the Bogdanovkian Regional Infrastage ('Horizon'), the lowermost Bashkirian of the Urals. The section spans the Visean-Serpukhovian and Mid-Carboniferous boundaries and contains various ammonoids, conodonts, and foraminifers, providing a good basis for the regional stratigraphy and global correlations. The section has been measured and logged, and its microfacies and fossils are identified in this study.

<http://dx.doi.org/10.29041/strat.14.1-4.319-347>

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