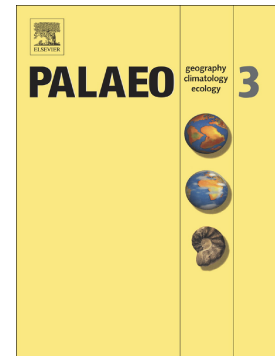


## Accepted Manuscript

Dipnoan remains from the Lower-Middle Triassic of the Holy Cross Mountains and northeastern Poland, with remarks on dipnoan palaeobiogeography

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**Dipnoan remains from the Lower-Middle Triassic of the Holy Cross Mountains and northeastern Poland, with remarks on dipnoan palaeobiogeography**

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**Abstract**

Here we present a revision of dipnoans from the Middle-Upper Buntsandstein and the Lower Muschelkalk (Lower-Middle Triassic) of the Holy Cross Mountains (southeastern Poland) and from the Middle Buntsandstein of northeastern Poland. Two genera are identified: *Arganodus* and *Ptychoceratodus*. Specimens resemble synchronous species from the European part of Russia. It is the first Middle Triassic finding of *Arganodus* worldwide. *Ptychoceratodus* is reported for the first time from the Lower Triassic of Poland. It is its oldest known occurrence in Europe. Holy Cross Mountains stands between the area of European Russia and the Central European Basin which were both inhabited by *Arganodus* and *Ptychoceratodus* in the Early-Middle Triassic. Resulting from a summary of palaeobiogeographic data of these two genera their distributional patterns are hypothesized

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