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An enigmatic polyneopteran insect from the Cisuralian Shanxi Formation in Shuozhou, North China

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The enigmatic early Permian polyneopteran insect *Enigmapaolia shanxiensis* Huang & Nel, gen. et sp. nov. is described on the basis of a forewing from North China. It is tentatively attributed to the Paoliida and Paoliidae rather than to the "Grylloblattodea", on the basis of the cubital veins with a broad area between CuP and CuA and general pattern of venation. It shows a unique character among the Paleozoic insects in the short radius anterior distally ending into the subcostal posterior. This fossil increases our knowledge on the diversity of the Paoliidae and the early Permian entomofauna of the Shanxi Formation of North China.

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