ACTA PALAEONTOLOGICA POLONICA

New species of mirid insects and their importance for the higher classification of plant bugs

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Acta Palaeontologica Polonica 68 (1) 2023: 75-83 doi:https://doi.org/10.4202/app.00991.2022

The detailed morphological study based on the findings of well-preserved fossil specimens in Eocene Baltic amber revealed two new species, *Metoisops michalskii* Kim, Taszakowski, and Herczek sp. nov. and *Metoisops popovi* Kim, Taszakowski, and Jung sp. nov. The morphological information of the extinct genus *Metoisops* including diagnoses, descriptions of new species, and a species key are provided. The divided fourth antennal segment is depicted. The tribal transfer of *Metoisops* from Electromyiommini to Gigantometopini is proposed based on major morphological characters, five-six femoral trichobothria, presence of a deep incision between calli, and the structure of parameres. The need for a phylogenetic revision of the internal classification within Isometopinae is also discussed.

Key words: Hemiptera, Heteroptera, Cimicomorpha, Miridae, Isometopinae, classification, jumping tree bugs, Baltic amber.

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