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The first green lacewings from the late Eocene Baltic amber

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Pseudosencera baltica gen. et sp. nov. of Chrysopinae (Chrysopidae, Neuroptera) is described from Baltic amber. Additionally, another species, *Nothochrysa*? sp. (Nothochrysinae), is left in the open nomenclature. *Pseudosencera baltica* gen. et sp. nov. represents the oldest confident record of Chrysopinae. The new genus lacks the apparent forewing intramedian cell, and possesses three character states not found in other Chrysopinae: the simple AA1, the short basal crossvein between M and Cu, and 5–6 rings of setae on the antennal flagellomeres. This genus is probably a specialised form in a basal branch of Chrysopinae, that could not be attributed to any of the known tribes. The specimen of *Nothochrysa*? sp. consists only of fragments of the forewings. The late Eocene Baltic amber represents the oldest horizon where Chrysopinae and Nothochrysinae are found to coexist. It is highly likely that Chrysopidae were extremely rare in these forests.

Key words: Neuroptera, Chrysopinae, Nothochrysinae, Cenozoic, Baltic amber.

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