

Sucinoptinus zahradniki sp. nov. (Coleoptera: Ptinidae: Ptininae), a new species of the Tertiary genus from the Baltic amber

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HÁVA, J.: *Sucinoptinus zahradniki* sp. nov. (Coleoptera: Ptinidae: Ptininae), a new species of the Tertiary genus from the Baltic amber.

Abstract: A new species *Sucinoptinus zahradniki* sp. nov. is described, illustrated and compared with similar amber species *Sucinoptinus sucini* Bellés et Vitali, 2007 and *Sucinoptinus bukejsi* Alekseev, 2012.

Keywords: Taxonomy, new species, Coleoptera, Ptinidae, Ptininae, *Sucinoptinus*, Eocene Baltic amber.

Introduction

The genus *Sucinoptinus* Bellés et Vitali, 2007 currently contains 4 fossil species, from Baltic amber (2 species) and from Rovno amber (2 species) (ALEKSEEV 2012, 2013, BELLÉS & VITALI 2007, BELLÉS & PERKOVSKY 2016). In the present article, a third new species from Eocene Baltic amber is described and compared.

Material and methods

The type material is deposited in the following collection:

JHAC - Private Entomological Laboratory and Collection, Jirí Háva, Únětice u Prahy, Prague west, Czech Republic.

The holotype specimen of the new species described here is provided with a red, printed label showing the following text: Holotype *Sucinoptinus zahradniki* sp. nov. J. Háva det. 2022.

Taxonomy

Ptinidae Latreille, 1802

Ptininae Latreille, 1802

Ptinini Latreille, 1802

Sucinoptinus Bellés et Vitali, 2007

Sucinoptinus zahradniki **sp. nov.**

(Figs. 1-3)

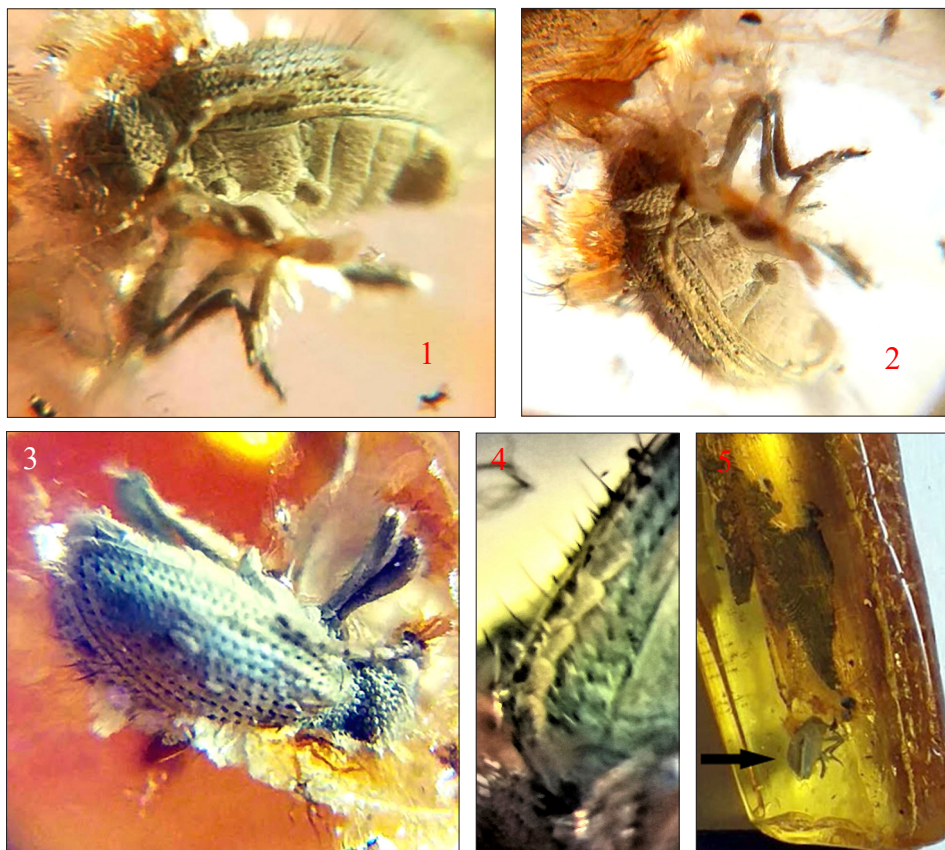
Type material: Holotype (unsexed): Amber inclusion No.S.JH1, Poland, Gdansk, wyspa Sobieszewska, (JHAC).

The complete beetle is included in a transparent amber piece 23x11 mm. Syninclusions consist of numerous organic particles.

Description: Body length (pronotum plus elytra): 2.7 mm. Relatively robust, rounded-sided; color dark brown (Figs. 1-3). Antennae as in fig. 4. Pronotum slightly wider than long and neatly wider than a single elytron; apical margin widely convex anteriorly; sides only slightly rounded, practically not constricted near the base, moderately convex at the disk and showing a quite apparent semicircular depression in the posterior third; surface covered with dense tubercles, oval and large, specially within the semicircular depression, where they are almost as large as half the size of the scutellum; setation formed by short semi-recumbent setae inserted between the tubercles. Scutellum triangular, as long as wide. Elytra slightly rounded-sided and relatively short, but clearly longer than twice the length of the pronotum; humeri prominent; elytral surface serially punctuated by elongated stria punctures, leaving an interstriae interval about twice wider as the width of the striae; setation formed by recumbent short setae inserted in the punctures (with a length somewhat longer than the puncture), semirecumbent and moderately long (somewhat longer than those of the punctures) setae inserted in the intervals and evenly distributed, and erect and still longer setae sparsely distributed in the interstriae of the apical part. Legs robust, tarsomeres broad.

Differential diagnosis: The new species similar to *Sucinoptinus sucini* Bellés et Vitali, 2007 and *Sucinoptinus bukejsi* Alekseev, 2012 known from Baltic amber, but differs from them by the length of body size 2.7 mm (position in inclusion) (*S. bukejsi* body size 1.6 mm, *S. sucini* body size 1.8-2.1 mm) and very coarsely punctured lateral parts of pronotum and structure of antennae; from Rovno species *Sucinoptinus brevipennis* Bellés & Perkovsky, 2016 (body size 1.6 mm) and *Sucinoptinus rovnoensis* Bellés & Perkovsky, 2016 (body size 1.5 mm) are the same characters.

Etymology: Patronymic, dedicated to my very good friend and colleague Petr Zahradník (Prague, Czech Republic).



Figs. 1-5. *Sucinoptinus zahradniki* sp. nov., holotype: 1- body, lateral view; 2- body, latero-ventral view; 3- body lateral view; 4- antenna; 5- amber inclusion with holotype specimen

List of *Sucinoptinus* species

Genus *Sucinoptinus* Bellés et Vitali, 2007

Sucinoptinus brevipennis Bellés & Perkovsky, 2016

Sucinoptinus bukejsi Alekseev, 2012

Sucinoptinus rovnoensis Bellés & Perkovsky, 2016

Sucinoptinus sucini Bellés et Vitali, 2007

Sucinoptinus zahradniki sp. nov.

Rovno Amber: Ukraine

Baltic Amber: Russia

Rovno Amber: Ukraine

Baltic Amber: Russia

Baltic Amber: Poland

Acknowledgements

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