

A new *Stagetus* Wollaston, 1861 species from Baltic amber (Coleoptera: Ptinidae)

JIRÍ HÁVA

Forestry and Game Management Research Institute,
Strnady 136, CZ-156 00 Praha 5-Zbraslav, Czech Republic
e-mail: jh.dermestidae@volny.cz; ORCID: 0000-0001-8076-9538

HÁVA, J.: *A new Stagetus Wollaston, 1861 species from Baltic amber (Coleoptera: Ptinidae).*

Abstract: A new species *Stagetus zahradniki* sp. nov. is described, illustrated and compared with similar amber species. The new species differs by a very long setation of dorsal surfaces.

Keywords: Taxonomy, new species, Coleoptera, Ptinidae, Stagetus, Eocene Baltic amber.

Introduction

The genus *Stagetus* Wollaston, 1861 currently contains about 75 recent species worldwide and one amber species HÁVA & ZÁHRADNÍK (2020). In the present paper, a second new species from Eocene Baltic amber is described and compared.

Material and methods

The habitus photograph was made by Artur Michalski with the help of a digital camera using Canon EOS 4000D on stereobinocular microscope Nikon SMZ800 + SMZ1500 + PLAN APO lens.

The material mentioned 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 *Stagetus zahradniki* sp. nov. J. Háva det. 2022.

Description

Stagetus zahradniki sp. nov.
(Figs. 1-4)

Type material: Holotype (unsexed): Amber inclusion No. 6071, Poland, Gdansk city area, (JHAC).

The complete beetle is included in a transparent amber piece 30x14 mm. Syninclusions consist of numerous minute organic particles.

Description of holotype: Body oval (Fig. 1), transversally and longitudinally convex, body length 2.2 mm, the greatest width 0.9 mm (in amber situation). Pronotum, head, elytra, abdomen and legs black, antennae not visible.

Head hypognathous, almost flattened, coarsely punctured, punctures almost touched. Eyes large, rounded, slightly convex, glabrous. Antennae and palpi not visible.

Pronotum about as long as wide, trapeziform, coarsely punctured on lateral parts, shiny, with long yellow setation. The greatest width very shortly before base. Posterior angles obtusely rounded (in dorsal view); anterior part of pronotum slightly raised.

Scutellum triangular, slightly oval, very small.

Elytra shortly oval, matt, with distinct shoulders, with very long yellow setation. Each elytron with eleven striae consisting of small punctures, first stria near suture very short; punctures small, defined discally and near apex of elytron, eleventh elytral stria ending at the second half of elytron. Prosternum and metasternum with large individual punctures laterally (Fig. 2). Wing as on Figs. 3-4.

Legs robust and short, entirely black.

All abdominal visible ventrites of the same length, with small punctures medially.

Differential diagnosis: The new species is similar to amber *Stagetus arturi* Háva & Zahradník, 2020 but differs from it by the black body, long setation on dorsal surfaces, elytral punctuation and abdominal setation.

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

Acknowledgements

I indebted very much to Artur Michalski (Wroclaw, Poland) for providing us with the interesting material and to Miloslav Rakovič (Czech Republic) for linguistic correction. The paper was supported by the Ministry of Agriculture of the Czech Republic, institutional support MZE-RO0118.



Figs. 1-4. *Stagetus zahradniki* sp. nov.: 1- habitus, in dorsal view, 2- habitus, in ventral view, 3- wing, in dorsal view, 4- wing in ventral view

References

- HÁVA, J. & ZAHRADNÍK P. 2020: A new species of the genus *Stagetus* Wollaston, 1861 (Coleoptera: Ptinidae: Dorcatominae) from Eocene Baltic amber. - *Natura Somogyiensis* 35: 45-50. DOI:10.24394/NatSom.2020.35.45

