

ARTIGO / ARTÍCULO / ARTICLE

A new *Electribius* Crowson, 1973 species from Baltic amber (Coleoptera: Artematopodidae).

Jiří Háva

Department of Forest Protection and Entomology, Faculty of Forestry and Wood Sciences, Czech University of Life Sciences
Kamýcká 1176, CZ-165 21, Prague 6 - Suchbát, Czech Republic. e-mail: jh.dermostidae@volny.cz

Abstract: *Electribius gorskii* sp. nov. (Coleoptera: Artematopodidae) from Baltic Amber is described, illustrated and compared with similar amber species. New species differs by the structure of prosternal process, antennae and setation.

Key words: Coleoptera, Artematopodidae, *Electribius*, taxonomy, description, new species, fossil, Baltic amber, Palaearctic Region.

Resumen: Una nueva especie de *Electribius* Crowson, 1973 del ámbar báltico (Coleoptera: Artematopodidae). Se describe e ilustra *Electribius gorskii* sp. nov. (Coleoptera: Artematopodidae), procedente del ámbar báltico, y se compara con especies similares. La nueva especie se diferencia por la estructura de proceso prosternal, antenas y setación.

Palabras clave: Coleoptera, Artematopodidae, *Electribius*, Taxonomía, descripción, especie nueva, fósil, ámbar báltico, Región Paleártica.

Recibido: 8 de agosto de 2015

Aceptado: 15 de agosto de 2015

Publicado on-line: 26 de agosto de 2015

urn:lsid:zoobank.org:pub:379CF16B-E3D1-4A37-AAE4-42B9D6AB27B9

Introduction

The genus *Electribius* Crowson, 1973 (Coleoptera: Artematopodidae) currently contains six species (Table 1), four known from Baltic amber and two extant species (Hörnschemeyer 1998, Kirejtshuk & Ponomarenko 2013). This article compiles the species belonging to genus *Electribius* Crowson, 1973 from amber inclusions deposited in Andrzej Gorski's private collection (Poland). As a result, a new species is described below.

The new species possesses the autapomorphies of *Electribius*: deeply excavate sutural and costal elytral striae; deep pits at the posterior corners of the pronotum connected by a transverse groove; fusion of ventrites II-V with median elimination of the sutures between those ventrites.

Results

Family Artematopodidae Lacordaire, 1857

Genus *Electribius* Crowson, 1973

Electribius friederichi Hörnschemeyer, 1998

Material examined: Baltic amber, Gdansk, Poland, 1 specimen (unsexed).

***Electribius procerus* Hörnschemeyer, 1998**

Material examined: Baltic amber, Gdansk, Poland, 1 specimen (unsexed).

***Electribius gorskii* sp. nov.** (Figs. 1-2)

Type material. Holotype (unsexed): Baltic amber, Gdansk, Poland. Holotype deposited in Andrzej Gorski's private collection (Bialsko-Biała, Poland).

Description of Holotype. Sex unknown. Body length 1.7 mm. Colour of dorsal and ventral cuticula black, palpi, legs and antennae brown. Dorsal surfaces finely punctured with brown setation. Antennal segments 3, 4, and 5 of similar length, segment 5 slightly longer than segment 3. The antennal segments 4 to 10 are slightly serrate. Dorsal surface of pronotum and elytra with long brown setae. On the elytra there are upright and backwardly inclined setation, those on the pronotum are inclined. Ventrites I to IV together about 1.65 times as long as ventrite V. Ventrite V with small distinct median ridge, extending from posterior margin to the middle of the ventrite.

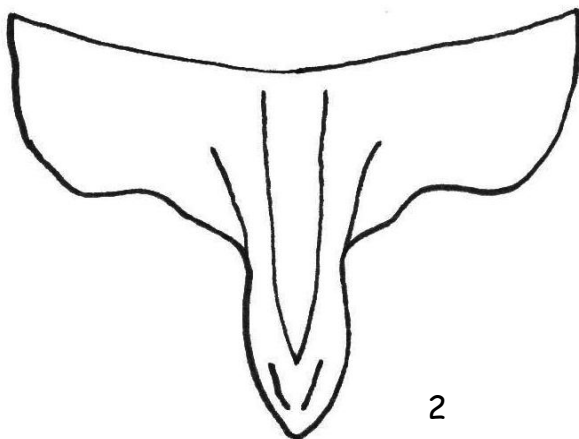


Fig. 1. - *Electribius gorskii* sp. nov.: habitus, lateral aspect.

Fig. 2. - Prosternal processes of *Electribius gorskii* sp. nov.

Differential diagnosis. The new species differs from the known amber species by the structure of prosternal process (Fig. 2) and antennae.

Etymology. In honour of my friend Andrzej Gorski (Poland).

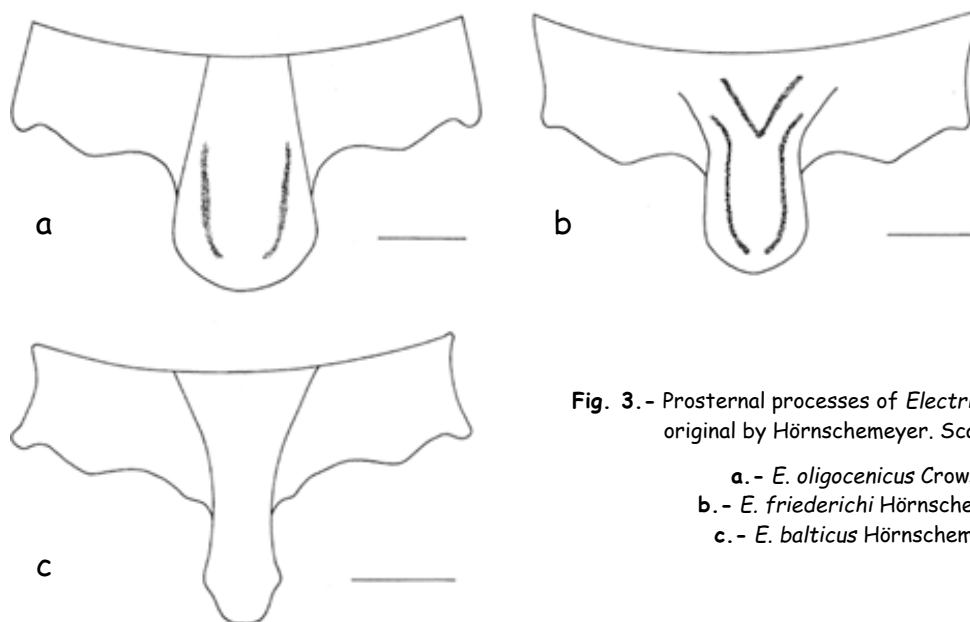


Fig. 3. - Prosternal processes of *Electribius* species, according to original by Hörnschemeyer. Scale bars = 0.1 mm

- a. - *E. oligocenicus* Crowson, 1973.
 b. - *E. friederichi* Hörnschemeyer, 1998.
 c. - *E. balticus* Hörnschemeyer, 1998.

Genus *Electribius* Crowson, 1973

† <i>Electribius balticus</i> Hörnschemeyer, 1998	Baltic amber
<i>Electribius crowsoni</i> Lawrence, 1995	Mexico
† <i>Electribius friederichi</i> Hörnschemeyer, 1998	Baltic amber
† <i>Electribius gorskii</i> sp. nov.	Baltic amber
† <i>Electribius oligocenicus</i> Crowson, 1973	Baltic amber
† <i>Electribius procerus</i> Hörnschemeyer, 1998	Baltic amber
<i>Electribius similis</i> Lawrence, 1995	El Salvador

Tab. 1. - Extant and fossil species of the genus *Electribius* Crowson, 1973. († = fossil species).

References

HÖRNSCHEMEYER, T. 1998. New species of *Electribius* Crowson, 1973 (Coleoptera: Armatopodidae) from Baltic amber. *Paläontologische Zeitschrift* 72(3/4): 299-306.

KIREJTSHUK, A.G. & PONOMARENKO, A.G. 2013. *Armatopodidae*. In: *Taxonomical list of fossil beetles of the suborder Scarabaeina (part 2)*.

Available online at: <http://www.zin.ru/animalia/coleoptera/eng/paleosy1.htm> (July 2013)