

## ARTIGO / ARTÍCULO / ARTICLE

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

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**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.

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## 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).

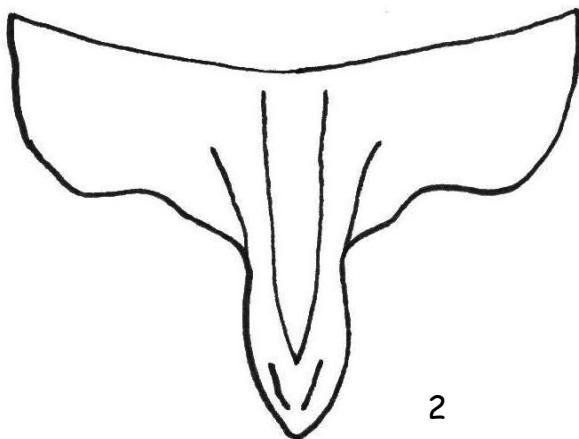
***Electribius procerus* Hörnschemeyer, 1998**

**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).

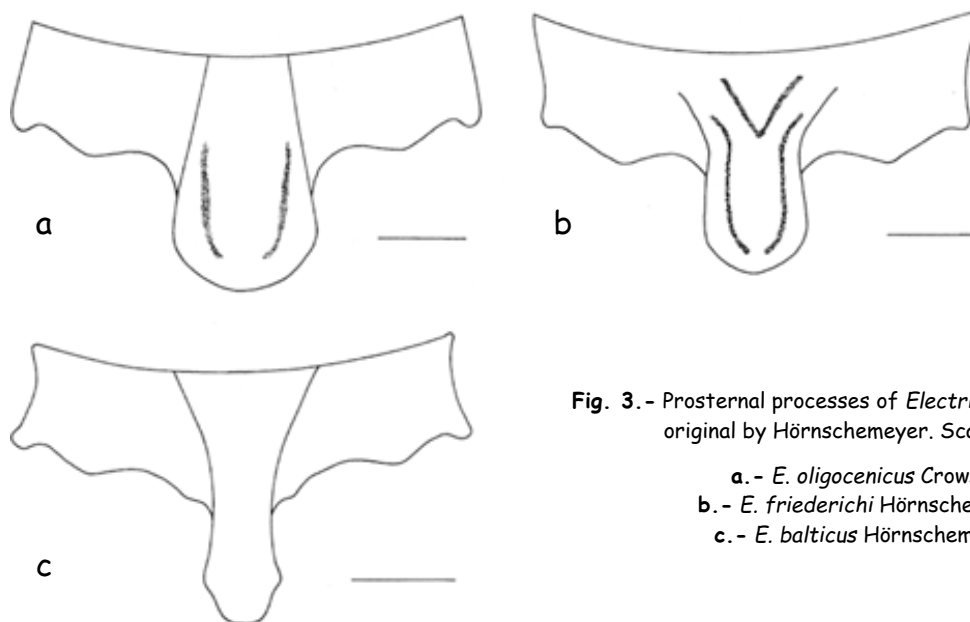


Fig. 3. - Prosternal processes of *Electribius* species, according to original by Hörnschemeyer. Scale bars = 0.1 mm

- 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

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