
PROPOSITION OF A NEW SUBGENUS OF THE GENUS *EURACMAEOPS* DANILEVSKY (CERAMBYCIDAE: LEPTURINAE: RHAGIINI)

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ABSTRACT: The paper presents a taxonomic evaluation on the genus *Euracmaeops* Danilevsky. As a result, *Pilosoacmaeops* subgen. nov. is described and presented with some species that were previously placed to the genus and therefore the nominate subgenus, *Euracmaeops* (s.str.) Danilevsky.

KEY WORDS: Cerambycidae, Lepturinae, Rhagiini, *Euracmaeops*, new subgenus, *Pilosoacmaeops* subgen nov.

The genus *Euracmeops* was recently erected by Danilevsky (2014: 147) with the type species *Leptura marginata* Fabricius, 1781 for the four Palearctic species which were placed in American genus *Acmaeops* LeConte, 1850 formerly. *Euracmeops* Danilevsky is a member of the tribe Rhagiini Kirby, 1837 in the subfamily Lepturinae Latreille, 1802 (Coleoptera: Cerambycidae). According to Tavakilian (2024) and Danilevsky (2024), the Palearctic genus includes only four species as *Euracmeops angusticollis* (Gebler, 1833: 304), *Euracmeops marginatus* (Fabricius, 1781: 247), *Euracmeops septentrionis* (C. G. Thomson, 1866: 61), and *Euracmeops smaragdulus* (Fabricius, 1793: 342). The genus *Euracmeops* is represented only with the species, *Euracmeops marginatus* (Fabricius), in Turkey (Özdikmen, 2024, 2025).

The original description of the genus in Danilevsky (2014: 147) can be presented as below.

Таким образом палеарктические виды необходимо в новый род *Euracmaeops* **gen. nov.** (с типовым видом *Leptura marginata* Fabricius, 1781), который характеризуется относительно ровной переднеспинкой: надкрыльями, сильно суженными к вершинам по крайней мере у самцов; относительно коротким телом; слегка более длинными шеками, которые длиннее половины длины нижней доли глаз; антенны прикрепляются на линии, соединяющей передние края глаз, тогда как у видов рода *Gnathacmaeops* антенны прикрепляются впереди этой линии.

English version of the original description of the genus can also be presented as below.

Thus, the Palearctic species need to be included in a new genus *Euracmaeops* **gen. nov.** (with the type species *Leptura marginata* Fabricius, 1781), which is characterized by a relatively flat pronotum: elytra, strongly narrowed towards the

apices, at least in males; relatively short body; slightly longer necks, which are longer than half the length of the lower lobe of the eyes; the antennae are attached to the line connecting the anterior edges of the eyes, whereas the antennae are attached in front of this line in species of the genus *Gnathacmaeops*.

However, it is clear that there are two distinctly different groups within this genus, and in this regard, the genus needs still revision. While upperside of the body has only short ground pubescence, and so background coloration is visible clearly in the first group [*Euracmaeops* (*Euracmaeops*) Danilevsky, 2014: 147] (Fig. 1), upperside of the body has longer and denser ground pubescence, and so background coloration is not visible clearly as the first group in the second group (Fig. 2). Therefore, I think that a new subgenus is needed for this group.



Figure 1. A. *Euracmaeops* (*Euracmaeops*) *marginatus* (Fabricius, 1781: 247) (taken from K. V. Makarov: <https://www.zin.ru/animalia/coleoptera/rus/acmmarkm.htm>).

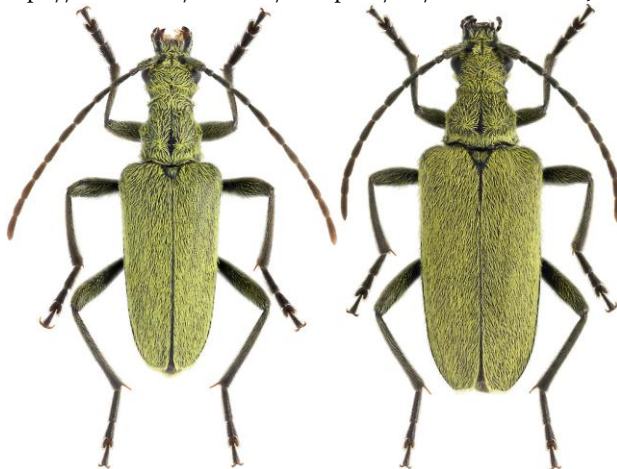


Figure 2. A. *Euracmaeops* (*Pilosoacmaeops* subgen. nov.) *angusticollis* (Gebler, 1833: 304) (taken from K. V. Makarov: <https://www.zin.ru/animalia/coleoptera/rus/acmangkm.htm>).

Accordingly, I propose here a new subgenus, *Euracmaeops* (*Pilosoacmaeops*) **subgen. nov.** for the second group.

In this case, species-group taxa of the nominate subgenus and the new subgenus *Euracmaeops* (*Pilosoacmaeops*) **subgen. nov.** can be presented as follows.

Genus *Euracmaeops* Danilevsky, 2014: 147
Type species *Leptura marginata* Fabricius, 1781

Subgenus *Euracmaeops* Danilevsky, 2014: 147
Type species *Leptura marginata* Fabricius, 1781

This Palaearctic subgenus includes two species now.

marginatus Fabricius, 1781: 247 (*Leptura*)

spadiceus Schilsky, 1888: 189

annulicornis Pic, 1933: 4

bicoloripes Pic, 1933: 4

E: AU BE BH BY CR CT CZ EN FI FR GE GR HU IT LA ?LT ME NL NR NT PL ?SB SK
SL SP ST SV SZ UK **A:** ES FE GAN KZ MG NMO TR WS

septentrionis C. G. Thomson, 1866: 61 (*Pachyta*)

alpestris Pic, 1901: 25

simplonicus Stierlin, 1880: 550 (*Leptura*)

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ES FE HEI JA JIL KZ LIA MG NC NMO SC SHA WS XIN

Subgenus *Pilosoacmaeops* subgen. nov.

Type species *Pachyta angusticollis* Fabricius, 1781

This Asiatic-European subgenus includes two species now.

angusticollis Gebler, 1833: 304 (*Pachyta*)

viridulus Matsumura, 1911: 134

subbrachypterus Plavilstshikov, 1915: 105

amurensis Suvorov, 1915: 346

sachalinensis Tsherepanov, 1978: 99

E: BY CT NT PL **A:** ES FE JIL MG NC NMO WS XIN

smaragdulus Fabricius, 1793: 342 (*Leptura*) [NP]

smaragdinus Naezen, 1792: 173 (*Leptura*) [NO]

E: CT FI FR ?LT NR NT PL SV ?SZ **A:** ES FE HEI JIL KZ LIA MG NC NMO SHA WS
XIN

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