

**A new species of the genus *Gastrallus* Jacquelin du Val, 1860
from Slovakia
(Coleoptera: Bostrichoidea: Ptinidae)**

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Abstract. *Gastrallus slovacicus* sp. nov. from Slovakia is described and compared with similar species of the genus from the Palearctic Region.

INTRODUCTION

Genus *Gastrallus* Jacquelin du Val, 1860 is represented by 97 species known from Palearctic, Nearctic, Oriental and Afrotropical Regions (White 1982; Zahradník 2007, 2008, 2009). Twenty-four species are known from the Palearctic Region and five of them belong to the *G. immarginatus*-group (Zahradník 2007). Three species occur in Slovakia (Zahradník 2013). *G. slovacicus* sp. nov. is the fourth Slovak species from genus *Gastrallus* Jacquelin du Val, 1860.

MATERIAL AND METHODS

I have studied all the original descriptions of species from the *G. immarginatus*-group (Español 1977, 1990, Müller 1821, Pic 1914, Toskina 2003) and partly also some specimens of these species.

The new species is equipped with a red, printed label showing the following text: "Holotype"; on the second white, printed label, there is the following text: "*Gastrallus slovacicus* sp. n., P. Zahradník det.". The new species is deposited in the author's collection.

***Gastrallus slovacicus* sp. nov.**

(Figs. 1-3)

Type material. Holotype (♂): Slovakia or. (7394), Nový Salaš env., 3.vii.2012, on light, I. Smatana lgt.

Description. Male (holotype): Oblong oval, transversally very convex, body length 2.8 mm, greatest width 1.1 mm. Ratio length : width of elytra 1.9. Dark brown, pubescence silver-white, very short, recumbent. Antennae, palpi and legs lighter, yellow-brown.

Head evenly convex, coarsely and densely punctate, matt. Eyes large, almost globular, glabrous. The width of frons 1.5 times wider than the eye in dorsal view. Frons with two types of punctures - the first type fine and very dense, punctures almost touched, the second coarse and very sparse. Antennae consist of ten antennomeres (Fig. 1). The first antennomere relatively robust and long, the second short, almost globular. The third slim, 1.3 times longer than wide. The fourth slightly serrate, as long as wide, slightly wider than the previous one. The fifth as long as wide, not serrate, narrower than the fourth. The sixth also slightly serrate, 1.1 times longer than wide.

The seventh the smallest, as long as wide. Last three (eighth to tenth) strongly enlarged. The eighth 1.8 longer as wide, the ninth 3.8 times longer than wide. The last antennomere slim, 5 times longer than wide.

Pronotum slightly transverse, ratio length : width 0.9, convex, narrowest at middle, with small bump behind anterior margin in middle (Fig. 2). Surface of pronotum with two types of punctures - the first type fine and very dense, punctures almost touched, the second coarse and very sparse.

Scutellum square.

Elytra without distinct shoulders, matt, coarsely and densely punctate, matt; without striae.

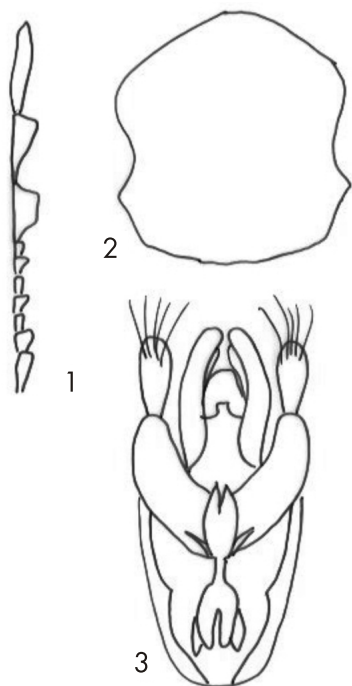
Abdomen with four visible sternites. The first sternite three times wider than second, the second of the same width as the third, and the fourth almost twice wider than the third. The first sternite anteriorly in middle with round and short hook.

Aedeagus see Fig. 3.

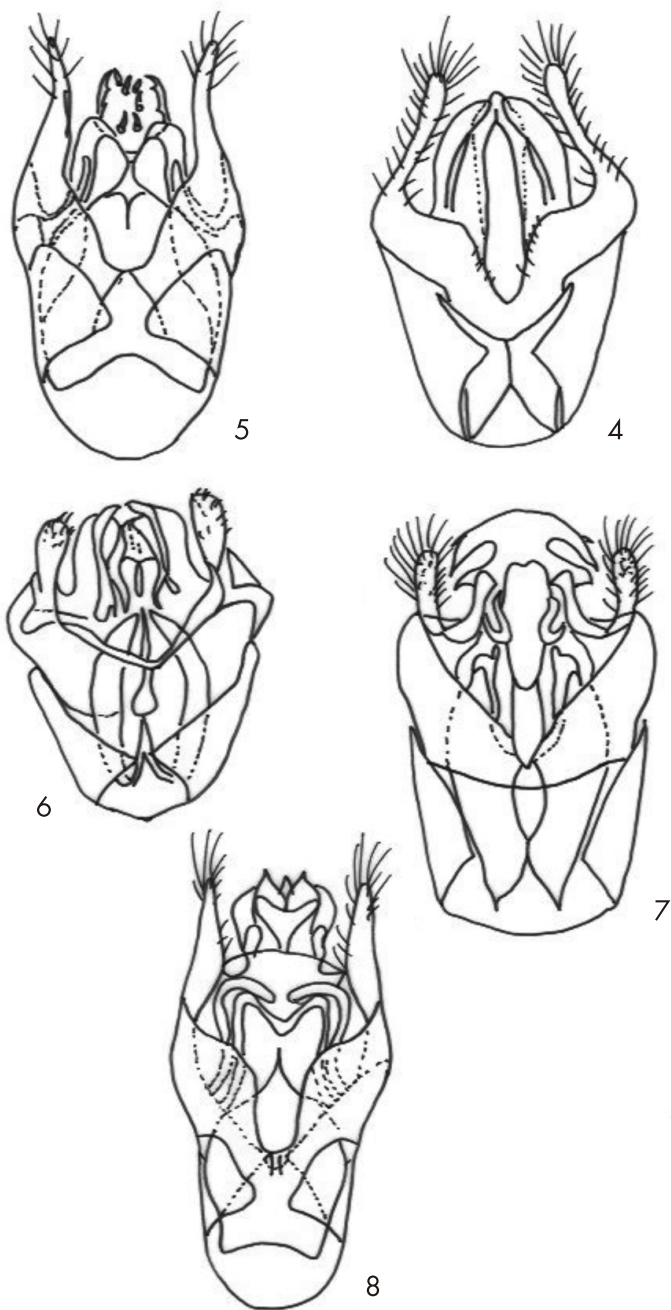
Female. Unknown.

Differential diagnosis. Very similar to species *G. immarginatus* (P. W. J. Müller, 1821) from which differs by more emarginate pronotum on sides and quite different shape of aedeagus. Other species from the *G. immarginatus*-group occur in Asia - *G. cymoreki* Español, 1990 (Nepal), *G. wittmeri* Español, 1977 (Nepal, Bhutan), *G. tuberculosus* Pic, 1914 (Vietnam, Taiwan) and *G. ornatulus* Toskina, 2003 (Caucasus), and all of them have quite different shape of the aedeagus, too.

Name derivation. Derived from the name of country, place of distribution.



Figs. 1-3. *Gastrallus slovacicus* sp. nov.: 1-antenna of male; 2-pronotum; 3-aedeagus.



Figs. 4-8. Aedeagus: 4- *G. immarginatus* (P. W. J. Müller, 1821); 5- *G. cymoreki* Español, 1990; 6- *G. ornatulus* Toskina, 2003; 7- *G. tuberculatus* Pic, 1914; 8- *G. wittmeri* Español, 1977.

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