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Gampsocoris culicinus SEIDENSTÜCKER, 1948, species new to the Polish fauna (Heteroptera: Berytidae: Gampsocorinae)

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ABSTRACT. *Gampsocoris culicinus* SEIDENSTÜCKER, 1948 has been collected in Pieniny Mountains, SE Poland. It is first record of this species from Poland.

Key words: entomology, faunistics, Heteroptera, Berytidae, terrestrial bugs, Pieniny, Poland.

INTRODUCTION

The genus *Gampsocoris* FUSS, 1852 comprises 17 species, 10 of them distributed in Palearctic Region. The only species recorded in Poland so far: *Gampsocoris punctipes* (GERMAR, 1822), is reported from ca. several stations distributed all over the country (LIS 2007).

The genus *Gampsocoris* differs from other representatives of the family Berytidae in lack of frontal process, having black and shining head and presence of distinctive long spine on scutellum. General view is typical to the other representatives of family Berytidae. Body extremely slender, always macropteris, bald. Antennae thin and long, pale with dark rings. Head rounded, front strongly convex. Pronotum convex and punctured. Scutellum slight, with a characteristic long spine on its basic part. Hemelytra almost transparent, veins well developed. Membrane large, with 6 veins running lengthwise to the body. Legs long, yellowish, with dark rings on femurs and tibiae. Small or medium seized insects, total length varies between 2.5-4.7 mm (PÉRICART 1984).

MATERIAL

POLAND, Pieniny, DV57 /Polana pod Trzema Koronami/ łąka ziołoroślowa (wyższych położeń): 49 24' 54" N, 20 24' 51" E/ [translation of the label: "Pieniny Mountains/ DV 57/Clearing at the foot of Three Crowns Peak/ dry meadow typical for Pieniny Mts/ 14 V 2009, leg. Radosław Ścibior"]; single male specimen (Fig. 1-3), det. and coll. G. Hebda.

According to the division proposed in *Catalogus faunae Poloniae*, the site is placed in Pieniny zoogeographical province.



1. *Gampsocoris culicinus* (SEIDENSTÜCKER), dorsal view

DISCUSSION

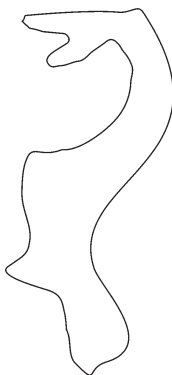
Gampsocoris culicinus distinctly differs from *G. punctipes* in coloration of II antennal segment, which is uniformly pale and black or dark-brownish uniform coloration of bottom side of the abdomen. In *G. punctipes* II antennal segment has distinctive dark rings and bottom side of abdomen is pale, only with dark, elongate spot on its basic part. Black spots and tubercles in posterior part of pronotum are larger in *G. culicinus*. Total length of this species is 3.5-4.7 mm. There have been 3 subspecies: nominative *G. culicinus culicinus* SEID. known from middle and south of Europe (i.a. Czech Republic, Slovakia, Germany), *G.c.melitenus* SEID. at the coast of Black Sea and *G.c. eckerleini* JOSIFOV reported from the east basin of Mediterranean Sea (PÉRICART 1984, LIS 2007). Length of the collected specimen (4.3 mm) and structure of its paramere



2. *Gampsocoris culicinus* (SEIDENSTÜCKER), lateral view

indicate that it belongs to the *G. culicinus culicinus* SEID. subspecies.

G. culicinus lives both in dry and warm, and in moderately and shaded habitats. It has been reported from meadows, forest clearings, and edges of the forests from wide



3. *Gampsocoris culicinus* (SEIDENSTÜCKER), paramere.

range of host plants including families: Lamiaceae, Boraginaceae, Scrophulariaceae, Fabaceae, Caryophyllaceae, Rosaceae, Asteraceae. In Germany it has been found the most often on *Stachys sylvatica* (PÉRICART 1984, LIS 2007, WACHMANN et al. 2007).

G. culicinus collected in Pieniny Mts. is the second species from the genus *Gampsocoris* and 10 representative of the family Berytidae recorded in Poland.

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