

## First records of *Scymnus* (*Scymnus*) *quadriguttatus* (Coleoptera, Coccinellidae) in Slovakia and Hungary

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The coccinellid beetle *Scymnus* (*Scymnus*) *quadriguttatus* Fürsch et Kreissl, 1967 was not collected in Hungary before 1934 and in Slovakia before 2003. At present, we know three sites of its occurrence in these countries (two in Hungary and only one in Slovakia).

In 1993, 83 species of the family Coccinellidae were known to occur in Slovakia (KOVÁŘ, 1993). *Bulaea lichatschovi* Hummel, 1832 was reported from Slovakia for the first time by HAVIAR (2002), thus the number of coccinellids recorded in Slovakia increased to 84. During examinations of the material in collections of the Slovak National Museum – Museum of Natural History in Bratislava and the Hungarian Natural History Museum in Budapest in 2002 and 2003, two other species collected in Slovakia were recorded for the first time – *Scymnus flagellisiphonatus* (Fürsch, 1970) and *Nephus nigricans* Weise, 1879 (HAVIAR, 2003a). We suppose that the occurrence of both species in Slovakia is not a result of new immigration or introduction – they are indigenous, but have remained hidden. *Scymnus flagellisiphonatus* is unknown from Hungary, *N. nigricans* is rare, but widely distributed in the country. So, in 2003, 86 species of coccinellids were known to occur in Slovakia and 99 in Hungary.

Material examined. Slovakia: Cerová vrchovina, Drňa, Drníanske chrbáty (DFS 7786 = grid reference number of the Databank of Slovak fauna, STLOUKAL & GRUJBÁROVÁ, 2004), altitude 264 m, 1.VII.2003, 1 ♀, leg. et det. M.

Hungary: Budapest, Szépvölgy, 7.V. 1957, 1 ♀, leg. E. Csiki, det. O. Merkl; Jász-Nagykun-Szolnok county, Túrkeve, 25.–31. III.1934, 1 ♀, leg. J. Balogh, det. E. KREISSL. In the coccinellid material collected during a faunistic research in the Cerová vrchovina Mts in 2002, *S. quadriguttatus* was not recorded (HAVIAR, 2003b).

Distribution: Ponto-Mediterranean species occurring in xerothermic habitats of E Europe and Asia Minor. Known records are from Croatia (Lošinj Island and Dalmatia), S Italy (Calabria), Albania, Macedonia, Romania (Dobrogea), Greece, Turkey (KREISSL & UYGUN, 1980), Cyprus; eastwards it extends to E Turkey (Kastamonu vilayet), Syria and Israel (FÜRSCH et al., 1967; HALPERIN et al., 1995). Our records represent the northernmost sites of its geographical distribution. It is obvious that the species is an indigenous element of the fauna of Slovakia and Hungary, however, it was overlooked for a long time.

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