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New records of long-legged flies (Diptera: Dolichopodidae) from Slovakia

Prvonálezy dlhonôžok (Diptera: Dolichopodidae) zo Slovenska

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Diptera, Dolichopodidae, first records, Slovakia

Abstract. The first records for Slovakia of *Medetera meridionalis* Negrobov, 1967, *Sympycnus simplicipes* (Becker, 1908), and *Teuchophorus simplex* Mik, 1880 are given. The species list of long-legged flies of Slovakia now includes 245 species.

INTRODUCTION

The rich fauna of long-legged flies (Diptera: Dolichopodidae) of Slovakia is relatively well known. The most recent Slovak checklist (Pollet & Suvák 2009) includes 238 species. Oboňa et al. (2012) added a further three species of the genus *Systenus* Loew, 1857, and Maslova et al. (2018) described *Medetera longisurstyla* Maslova, Negrobov et Oboňa, 2018 from Prešov town, Slovakia. These records increased the number of Slovak Dolichopodidae to 242 species, and with the addition of the three species presented here, it now stands at 245 species.

The main objective of this article is to publish new records of long-legged flies from Slovakia.

MATERIAL AND METHODS

Samples were collected by sweep netting (SN) from riparian vegetation along streams, and wells in particular, by Peter Manko and Jozef Oboňa, or by hand (BH) from vertical surfaces (walls of buildings, trees trunks). The specimens were preserved in 75% ethanol directly in the field. The material is deposited in the collection of the first author, who also identified these species.

RESULTS

Family Dolichopodidae

Medetera meridionalis Negrobov, 1967

Material examined. Diviacka Nová Ves village, walls of buildings, 48°44′59.0″N 18°29′30.9″E, 270 m a.s.l., 16.vii.2018, BH, 14 ♂♂, 41 ♀♀; Prešov town, walls of buildings,

48°59′50.9″N 21°13′19.0″E, 250 m a.s.l., 25.vii.2018, BH, 8 ♂♂, 30 ♀♀.
Distribution. Species known from the Czech Republic, Ukraine, Russia (Central, South, East), and Turkey (Pollet 2013, Negrobov & Naglis 2016). **First record for Slovakia.**

***Sympycnus simplicipes* (Becker, 1908)**

Material examined. Strážovské vrchy Mts., Diviacka Nová Ves village env., "Trstenec"spring area, 48°44′20.32″N 18°28′54.27″E, 285 m a.s.l., 25.vii.2018, SN, 1 ♂.
Distribution. Species known from Palaearctic, Afrotropical, and Oriental regions. In Europe known from Austria, Czech Republic, France, Germany, Greece (incl. Crete), Italy, Russia (Adygea, Krasnodar), Spain (incl. Canary Is.) and Turkey. Full distribution given by Grichanov (2017). **First record for Slovakia.**

***Teuchophorus simplex* Mik, 1880**

Material examined. Strážovské vrchy Mts., Diviacka Nová Ves village env., "Trstenec" spring area, 48°44′20.32″N 18°28′54.27″E, 285 m a.s.l., 22.vii.2018, SN, 10 ♂♂; Strážovské vrchy Mts., Diviacka Nová Ves village env., "Podnikvica" spring area, 48°45′10.4″N 18°28′04.0″E, 512 m a.s.l., 25.vii.2018, SN, 4 ♂♂, 4 ♀♀.
Distribution. European species, known from Austria, Belgium, Bulgaria, Czech Republic, France, Germany, Great Britain, Greece, Hungary, Poland, the Netherlands and Sweden (Grichanov et al. 2012, Pollet 2013). **First record for Slovakia.**

CONCLUSIONS

As already indicated, the investigation of the fauna of Dolichopodidae of Slovakia is still far from complete. In particular, we assume that thorough research of overlooked ecosystems (e.g. wells, springs, dendrotelmata, suburban areas (with an emphasis on the genus *Medetera*), etc.) will yield even more interesting findings (not only faunistic) (e.g. see Tkoč & Pollet 2012, Oboňa et al. 2012, Maslova et al. 2018).

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SÚHRN

Príspevok prináša informácie o troch nových druhov dlhonôžok (Diptera: Dolichopodidae) pre územie Slovenska. Prvozáznam druhov *Medetera meridionalis* Negrobov, 1967, *Sympycnus simplicipes* (Becker, 1908) a *Teuchophorus simplex* Mik, 1880) zvyšuje celkový počet druhov čeľade Dolichopodidae pre Slovensko zo 242 na 245 druhov.