

FIRST RECORD OF *LOGIMA SIGMA* (KINCAID, 1899) (DIPTERA: PSYCHODIDAE) FROM SLOVAKIA

SHORT COMMUNICATION

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ABSTRACT

The species *Logima sigma* (Kincaid, 1899) (Diptera: Psychodidae) is recorded for the first time from the territory of Slovakia. Two females were found in the livestock farm in Šenkvice. The list of Psychodidae recorded from the territory of Slovakia increased to 119 species.

KEYWORDS

faunistics, Psychodinae, first faunistic record

Logima sigma Kincaid, 1899

Syn. *Psychoda surcoufi* Tonnoir, 1922

Note: European species *Psychoda surcoufi* Tonnoir, 1922 was synonymized with American *Psychoda sigma* Kincaid, 1899 by DEL ROSARIO (1936) on the basis of the shape of female subgenital plate. The synonymy was interpreted incorrectly by WITHERS (1988) in a contradiction with the principle of priority (JEŽEK 2003).

Material: Slovakia, Šenkvice, 48°18'11"N 17°21'38"E, 175 m a.s.l., 1 female, 8.6.2016 (mod. Malaise trap), 1 female (Figs. 1–2), 14.6.2016 (the same), M. Kozánek leg., J. Oboňa det.

Distribution: Austria, Belgium, Czech Republic, France, Great Britain, Norway, Poland, Spain (incl. Madeira); Antipodes Is., Auckland L., Australia, Campbell L., Chile, Enderby L., Ewing L., French L., Macquarie L., New Zealand, Ocean L, Rose L., Saint Helena, USA (JEŽEK 2003, ANDERSEN & HÅLAND 1995, KVIFTE et al. 2011, KVIFTE & ANDERSEN 2012, ELGUETA & JEŽEK 2014, HASELBOECK 2016, WAGNER 2018). **First record for Slovakia.** Material is deposited in the Laboratory and Museum of Evolutionary Ecology, Department of Ecology, University of Prešov.

Conclusion: The recent checklist of non-biting moth flies from Slovakia (JEŽEK 2009) includes 97 species. Later on, JEŽEK et al. (2012), OBOŇA & JEŽEK (2012, 20014) and DVORAK et al. 2016 extended it to 118 species. Present paper increased list of Psychodidae species so far recorded from Slovakia up to 119 species.

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Figure 1. *Logima sigma* (Kincaid, 1899) wing.



Figure 2. *Logima sigma* (Kincaid, 1899) female genitalia – subgenital plate, genital chamber and ovipositor (ventral view).

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