



Short note – Kurzmitteilung

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Second European record of *Orthonevra gemmula* VIOLOVITSH, with notes on habitat and identification (Diptera: Syrphidae)

[Zweiter europäischer Nachweis von *Orthonevra gemmula* VIOLOVITSH, mit Bemerkungen zum Habitat und zur Identifikation (Diptera: Syrphidae)]

by

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Orthonevra gemmula VIOLOVITSH, 1979 was originally described from western Siberia, after which it has only been recorded from Serbia in 1983 (NEDELJKOVIĆ et al. 2009, VUJIĆ 1999). On April 29th 2008, three male and two female specimens of this little known species were collected in the Hortobagyi Nemzeti Park in western Hungary (leg. S. TURNHOUT, coll. M. REEMER). Coordinates: 47.77141°N 20.79781°E. Altitude: approx. 85 m a. s. l. The specimens were found in a wet, moderately eutrophic part of the steppe plain ('puszta'), visiting flowers of *Euphorbia* spec. Locally in this area, saline seepage water (originating from an adjacent mountain area) wells up at the surface, but it is uncertain whether this is also the case at the site where the flies were found. No plant species indicating saline conditions were found here, contrary to other parts of the puszta, where plants such as *Limonium gmelini* are common. Other species of Syrphidae found at this site were the ubiquitous *Sphaerophoria scripta* (LINNAEUS, 1758), *Syritta pipiens* (LINNAEUS, 1758) and *Syrphus ribesii* (LINNAEUS, 1758).

Table 1: External characters for separating *Orthonevra gemmula* VIOLOVITSH from *O. intermedia* (LUNDBECK) and *O. stackelbergi* THOMPSON & TORP.

Character	<i>Orthonevra intermedia</i> / <i>Orthonevra stackelbergi</i>	<i>Orthonevra gemmula</i>
Male		
width of lateral pollinose spot on face, along eye margin	smaller than distance between spot and antennal fossa	larger than distance between spot and antennal fossa
length of eye contiguity	longer than length of frons	shorter than length of frons
width of shining part along posterior margin of tergite 4	narrower than 1/4 of length of tergite	wider than 1/2 of length of tergite
Female		
mesonotum, pair of dull median vittae on anterior 2/3	present	absent