

Linzer biol. Beitr.	54/1	287-289	September 2022
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***Coniosternum matiseki* nov.sp. – a new species from Iran in the Palaeartic Region (Diptera, Scathophagidae)**

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Abstract: A new species *Coniosternum matiseki* nov.sp. from Iran is described and compared with the rest of the species in the Palaeartic Region.

Key words: Diptera, Scathophagidae, *Coniosternum matiseki* nov.sp., Palaeartic Region

Introduction

The genus *Coniosternum* BECKER, 1894 (type species *Scathophaga obscura* FALLÉN, 1819 by original designation) is represented in the Palaeartic region by 17 species including *C. matiseki* nov.sp. from Iran described here. In the southern area of this region including the Middle East 11 species occur simultaneously. The monotypic genus *Coniosternum* BECKER was considered to be closely related to *Scathophaga* (HACKMAN, 1956) or a synonym of this genus (VOCKEROTH 1965, GORODKOV 1986). Independent morphological characters were also defined to distinguish the two genera and for their definite designation as a separate taxon (VOCKEROTH 1965, NELSON 1988, ŠIFNER 2013). A recent phylogenetic molecular study (BERNASCONI ET AL. 2010) strongly supports the validity of *Coniosternum* as a separate genus, closely related to the rest of the representatives of *Scathophaga*.

Taxonomy

***Coniosternum matiseki* nov.sp. (figs 1-3)**

Type material: Holotype: ♂, IRAN, SE Iran Rask, 405 m [a.s.l.], N 26°11.035' E 61° 23.675', April to May 2017, Mal.[=Malaise] trap, M. Ghafouri Maghaddam leg. (FSPC).

Description: Body length 5 mm, primary colouration dark.

Head: Totally grey, the face, orbits, gennae, frontal vitta, parafacials brown, antennae totally black, arista bare and thickened in first quarter, palpi yellow with very short black bristles, vibrissal callus with three strong bristles.

Thorax: Chaetotaxy standard for the genus, basal and scutellar bristles of equal size, all femora yellowish-brown apically.

Abdomen: ♂. Sternites 3 and 4 very long, along the circumference of both sternites narrow stripe of the hyaline membrane (fig. 1), the lobes of sternite 5 long including his body,

medially between both lobes with short black bristles. Cerci separated, narrowed and very long with short black bristles basally (fig. 2), surstyli very short. Praegonite very narrow, long with two short bristles apically (fig. 3).

D i f f e r e n t i a l d i a g n o s i s : See key summarised with all Palaearctic species, cf. Šifner (2013).

E t y m o l o g y : I dedicate this species to Matyas Chott (Nové Dvory 69, 262 03, Czech Republic), a gifted young observer of nature.

Acknowledgements

I would like to thank to my son Mirek for his continuing technological help.

Zusammenfassung

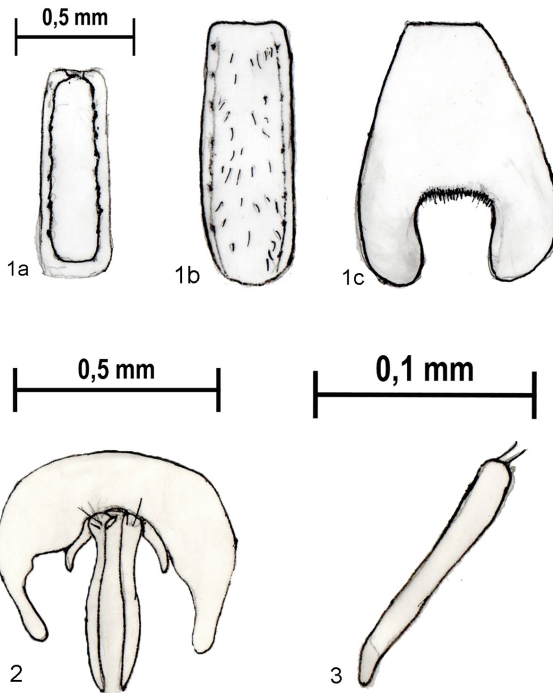
Eine neue Art, *Coniosternum matiseki* nov.sp., wird aus dem Iran beschrieben und mit anderen Arten der Gattung in der paläarktischen Region verglichen.

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Figs 1-3. *Coniosternum matiseki* nov.sp.: (1a-c) ♂ abdominal sternites; (2) ♂ *C. cerci* and *C. surstyli* (caudal view); (3) left pregonite.

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Jahr/Year: 2022

Band/Volume: [0054_1](#)

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Artikel/Article: [Coniosternum matiseki nov.sp. – a new species from Iran in the Palaearctic Region \(Diptera, Scathophagidae\) 287-289](#)