

New records of window-gnats from Portugal (Diptera: Anisopodidae)

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Abstract: Records of two species of the family Anisopodidae from Portugal are presented. *Sylvicola punctatus* is new to the Portuguese fauna.

Key words: Diptera, Anisopodidae, first records, Portugal.

Nuevas citas de anisopódidos de Portugal (Diptera: Anisopodidae)

Resumen: Se presentan citas nuevas para Portugal de dos especies de la familia Anisopodidae. *Sylvicola punctatus* es nueva para la fauna de Portugal.

Palabras clave: Diptera, Anisopodidae, primeras citas, Portugal.

Anisopodidae is a small fly family with only 10 European species (De Jong, 2012). There are five species known from the Iberian Peninsula (Carles-Tolrá Hjorth-Andersen, 2002; Carles-Tolrá & Pagola-Carte, 2013; Carles-Tolrá & Verdugo Páez, 2010; Carles-Tolrá *et al.*, 2010).

The specimens were collected by the second author, if not stated otherwise. The material was identified by the first author using the keys by Haenni (1997) and Söli & Rindal (2014). Voucher specimens are deposited in the collections of the Municipal Museum Marianske Lazne, Czech Republic.

Sylvicola cinctus (Fabricius, 1787)

PORTUGAL: Braga distr., Barcelos, Gilmonde, 41°30'43.0"N, 8°38'57.0"W, elev. 25–50 m, 5.8.2010, 7 females; 20.8.2010, 1 female; 10.10.2012, 1 male; 28.1.2013, 1 female; 14.11.2015, 3 males. — Braga distr., Esposende, Fonte Boa e Rio Tinto, 41°30'16.9"N, 8°43'10.6"W, Marachão loc., elev. 23 m, 15.4.2013, 1 male; 2.6.2015, 1 male. — Bragança distr., Bragança, França (Parque Natural de Montesinho), 41°56'33.0"N, 6°45'51.0"W, Aldeia de Montesinho loc., elev. 1050 m, 7.8.2014, 1 male. — Guarda distr., Manteigas, São Pedro (Parque Natural da Serra da Estrela), 40°19'42.2"N, 7°35'17.4"W, Covão da Ametade loc., elev. 1450 m, 25.4.2013, 1 female. — Guarda distr., Seia, Vide e Cabeça (Parque Natural da Serra da Estrela), 40°19'02.96"N, 7°43'54.11"W, elev. 450 m, 3.9.2014, 1 female, Ana Gonçalves *leg.* — Portalegre distr., Portalegre, Ribeira de Nisa e Carreiras (Parque Natural da Serra de São Mamede), 39°19'53.5"N, 7°25'23.4"W, elev. 590 m, 14.3.2015, 1 female. — Porto distr., Porto, Lordelo do Ouro e Massarelos, 41°08'58.9"N, 8°37'36.0"W, elev. 70 m, 9.1.2015, 1 female. — Porto distr., Valongo, Campo, 41°09'33.4"N, 8°29'05.6"W, elev. 50–100 m, 12.5.2011, 2 males; 22.2.2012, 1 female; 26.3.2012, 1 male, 1 female; 10.3.2014, 1 male. — Porto distr., Vila Nova de Gaia, Avintes (Parque Biológico de Gaia), 41°06'00.0"N, 8°33'35.3"W, elev. 50 m, reared from debris (soil and leaves), 15.2.2013, 1 female.

Sylvicola punctatus (Fabricius, 1787) (Fig. 1a, b)

PORTUGAL: Bragança distr., Bragança, França (Parque Natural de Montesinho), 41°58'43.0"N, 6°47'38.4"W, Lama Grande loc., elev. 1360 m, 20.6.2015, 1 male (Fig. 1).

Only one species in the family, *S. cinctus*, was known from Portugal (Carles-Tolrá Hjorth-Andersen, 2002). *S. punctatus* was previously known, in Iberian Peninsula, from Andorra and Spain (Carles-Tolrá Hjorth-Andersen, 2002) and we present it as a new species for the fauna of Portugal. The list of all *Sylvicola* species known from Iberian Peninsula in individual countries is shown in Table I.

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(* Available/disponible: www.sea-entomologia.org)

Table I. Distribution of *Sylvicola* species in the Iberian Peninsula.

	Andorra	Spain	Portugal
<i>S. (Anisopus) fuscatus</i> (Fabricius, 1775)	x	x	-
<i>S. (Anisopus) punctatus</i> (Fabricius, 1787)	x	x	x
<i>S. (Sylvicola) cinctus</i> (Fabricius, 1787)	x	x	x
<i>S. (Sylvicola) fenestralis</i> (Scopoli, 1763)	x	x	-
<i>S. (Sylvicola) zetterstedti</i> (Edwards, 1923)	-	x	-

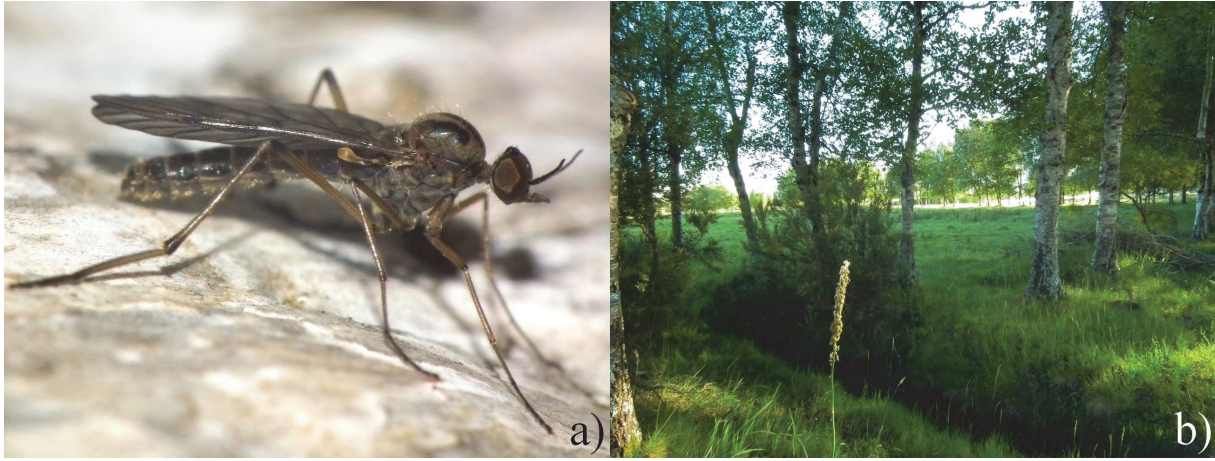


Fig. 1. a) The male of *Sylvicola punctatus* collected in Lama Grande; b) a view of the habitat where *S. punctatus* was found.