

## *Medina separata* (Meigen 1824), a new record for Turkish Tachinidae (Diptera)

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**Abstract:** *Medina separata* Mesnil (Diptera: Tachinidae) is recorded for the first time from Turkey.

**Key words:** Diptera, Tachinidae, fauna, Turkey, new record

### Türkiye Tachinidae (Diptera) için yeni bir kayıt, *Medina separata* (Meigen 1824)

**Özet:** Tachinidae (Diptera) familyasına ait *Medina separata* (Meigen 1824) (Diptera: Tachinidae) Türkiye'den ilk kez kaydedilmektedir.

**Anahtar sözcükler:** Diptera, Tachinidae, fauna, Turkey, yeni kayıt

The family Tachinidae includes approximately 10,000 species (Irwin et al., 2003). All members of this family are parasitoids. Their larvae live as endoparasites in insects, and rarely in a few other Arthropoda (Kara and Tschorsnig, 2003). However, centipedes, spiders (Vincent, 1985), and scorpions are also parasitized by some Tachinidae species (Wood, 1987; Williams et al., 1990). *Medina separata* Mesnil was collected about 80 km northeast of Erzurum in Aksu village of Tortum (Erzurum) district on a slope of a hill, on uncultivated land at an altitude of 1950-2000 m in 1999. Before this study, 199 Tachinidae species were known in Turkey (Kara and Aksu, 2008; Tunca et al., 2009). This number probably will increase in the coming years because Turkey is a large country and has different climatic zones. The specimen

was deposited at the Entomology Laboratory in Gaziosmanpaşa University, Agricultural Faculty, Plant Protection Department, Tokat, Turkey. The arrangement of subfamilies, tribes, and species follows the systematic catalogue of Herting and Dely-Draskovits (1993). The specimen was identified by the second author using Tschorsnig and Herting (1994).

Subfamily: Exoristinae

Tribe: Blondeliini

*Medina separata* (Meigen 1824)

Diagnosis: Hair tufts on sternite 5 a little shorter than 1/3 of tergite 5 dorsally, its tip clearly curved forwards; the bristle hairs form a rather dense tuft (Figure). Calyptrae dark brown. Bands of

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dusting at the anterior edge of the tergites scarcely distinguishable from the background dusting, which becomes visible when viewed from behind (Tschorsnig and Herting, 1994).

Material Examined: Tortum (Aksu)- Erzurum, 26.07.1999, 1♂

Distribution: Andorra, Austria, Belarus, Belgium, Britain I., Bulgaria, Czech Republic, Danish mainland, Finland, French mainland, Germany, Greek mainland, Hungary, Italian mainland, Norwegian mainland, Poland, Slovakia, Slovenia, Spanish mainland, Sweden, Switzerland, The Netherlands, Ukraine (Tschorsnig et al., 2004).

Hosts: *Adelia decempunctata* (L.) (Col.: Coccinellidae) (Ford and Shaw, 1991);

*Phyllodecta vitellinae* (L.) (Col.: Chrysomelidae) (Ford, 1989); *Calvia quattuordecimguttata* (L.) (Coleoptera.: Coccinellidae) (Hawkins, 1998). It was reared from imagines of numerous Coccinellidae and of some Chrysomelinae (*Phyllodecta*, *Plagiodes*, *Gastrophysa*, *Agelastica*) (Tschorsnig and Herting, 1994; Vaňhara et al., 2009).

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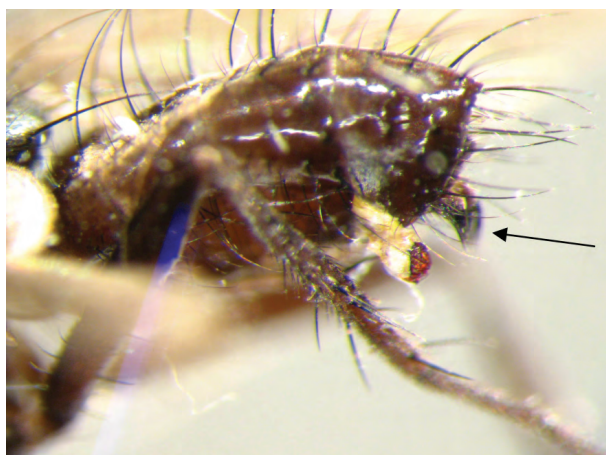


Figure. Hair tufts on sternite 5.

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