

## **New Records of the Subfamily Milesiinae (Diptera: Syrphidae) from Turkey \***

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### **ABSTRACT**

This research was carried out in the Ilgaz and Işık Mountain regions between the dates of May 1995 and September 1997. 47 species of the *Milesiinae* subfamily were identified, nine of these; *Pipizella virens* (Fabricius, 1805), *Cheilosia illustrata* (Harris, [1780]), *Volucella pellucens* (Linnaeus, 1758), *Orthonevra nobilis* (Fallén, 1817), *Ceriana conopsoides* (Linnaeus, 1758), *Eristalis (Eoseristalis) pertinax* (Scopoli, 1763), *E. (Eoseristalis) rupium* (Fabricius, 1805), *Spilomyia digitata* (Rondani, 1865) and *S. saltuum* (Fabricius, 1794) are the first records for Turkish fauna.

*Key words:* Diptera, Syrphidae, fauna, Ilgaz and Isik Mountains, Turkey

### **INTRODUCTION**

In this work, 9 species of Syrphid have been identified for the fauna in Turkey, in addition to the 38 species belonging to the Milesiinae subfamily, which were previously known.

Up until now, approximately 141 species belonging to the Milesiinae subfamily have been recorded by the following researches, from both Turkey and the rest of the world: Bischof (1902), Sack (1932), Gadeau De Kerville (1939), Bodenheimer (1958), Tuatay et al. (1972), Hurkmans (1987, 1988), Özgür (1986, 1987), Claussen and Lucas (1988), Peck (1988), Hayat and Alaoglu (1990), Aktas and Saribiyik (1996), Hurkmans and Hayat (1997), Claussen and Hayat (1997a, 1997b), Hurkmans et al. (1997), Hayat (1997), Saribiyik and Özgür (2000).

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