

Contribution to *Empis* (Subgenera *Euempis*, *Pachymeria*, *Polyblepharis*) (Empididae, Diptera) Fauna of Turkey

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ABSTRACT

Specimens of the subgenera *Euempis*, *Pachymeria* and *Polyblepharis* collected in Asian parts of Turkey between 1992 and 2006 were evaluated. 19 species of three subgenera were identified and 12 species are first recorded for the Turkish fauna.

Key words: *Empis*, *Euempis*, *Pachymeria*, *Polyblepharis*, Empididae, Diptera, fauna, new records, Turkey.

INTRODUCTION

Fauna of Empididae has been poorly known from Turkey. According to the variable altitudes, various habitats and the Zoogeographical position of Turkey, these studies weren't comprehensive enough. Up to now, only few researchers have studied Empididae in Turkey; Loew (1869, 1873) described 2 new species, Collin (1937) described 3 new species and Chvála (1994) recorded 1 species. Additionally, von Röder described 1 species (*Empis decoripes* von Röder, 1894, type locality: Amasya, Turkey) but this species later synonymized with *Empis (Polyblepharis) lugubris* Loew, 1869, also Loew described *Empis concisa* Loew, 1869 from type locality İzmir (Smyrna) but later synonymized with *Empis (Polyblepharis) haemorrhoeica* Loew, 1869 (Chvála, 1999). Recently two new *Rhamphomyia* species were described (Barták, 2006; Barták *et al.*, 2007). Altogether, 11 *Empis* and 2 *Rhamphomyia* species are known from Turkey (Barták 2006; Barták *et al.*, 2007; Chvála & Wagner, 1989; Engel & Frey, 1938-1956). These species are *Empis (Euempis) tessellata* Fabricius, 1794, *Empis (Pachymeria) mediterranea* (Loew, 1864), *Empis (Pachymeria) contigua* (Loew, 1864), *Empis (Pachymeria)*