

## **New and Additional Distributional and Faunistic Data of Turkish Planipennia**

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### **ABSTRACT**

Faunistic, and distributional data for 16 species of five families of Planipennia, Chrysopidae, Myrmeleontidae, Nemopteridae, Ascalaphidae, and Mantispidae from Turkey are given. Of them, *Solter liber* is newly recorded in Turkey and features of the habitat for this species are established.

*Key words:* Chrysopidae, Myrmeleontidae, Nemopteridae, Ascalaphidae, Mantispidae, Fauna, new record, Turkey.

### **INTRODUCTION**

The Planipennian families; Mantispidae, Nemopteridae, Chrysopidae, Myrmeleontidae, and Ascalaphidae of Turkey have not been studied sufficiently, although it is one of the most interesting regions, owing to the fact that it possesses an extremely varied topography, and various kinds of climates. In the monograph of Aspöck (1996), only 363 species belonging to the five families were listed, entirely from the West Palaearctic region. Of 363 species, 98 species, Chrysopidae with 40, Myrmeleontidae with 38, Ascalaphidae with 8, Nemopteridae with 7, and Mantispidae with 5 species, are present in Turkey (Aspöck et al., 1980a, b; Espen-Petersen, 1932; Hölzel, 1969, 1972; Kiyak & Özdikmen, 1993; Lodos, 1993; Monserrat & Hölzel, 1987; Pensonca, 1980a, b). This number may increase in the future. Indeed it may be one-fourth of the fauna of the five families in Turkey