

The Subfamily Agathidinae (Hymenoptera, Braconidae) of Erzurum Province

Coşkun GÜÇLÜ* Hikmet ÖZBEK**

* Atatürk University Faculty of Agriculture, Department of Plant Protection, Erzurum, TURKEY, e-mail: cguclu@atauni.edu.tr

** Atatürk University Faculty of Agriculture, Department of Plant Protection, Erzurum, TURKEY, e-mail: hozbek@atauni.edu.tr

ABSTRACT

Present study on the subfamily Agathidinae (Hymenoptera, Braconidae) was conducted in Erzurum province during 1998-2001. Total 14 species, belonging to four genera were found. Of these, *Earinus elator* Fabricius at the level of both genus and species is new for the Turkish fauna.

Key words: Erzurum province, Agathidinae, Braconidae, Fauna, Turkey.

INTRODUCTION

The Superfamily Ichneumonoidea, generally considered to contain only the two extant families, Braconidae and Ichneumonidae, seems to have been one of the first major parasitoid lineages to evolve in the order Hymenoptera (Rasnitsyn, 1980, 1988). The family Braconidae is the second largest family (after the Ichneumonidae) in the Hymenoptera, containing more than 15000 valid species (Quicke and van Achterberg, 1990), from an estimated total world fauna of at least 40.000 (van Achterberg, 1984). van Achterberg (1984) recognized 35 subfamilies, later this number raised 39 (Shaw and Huddleston, 1991). Most recently to 44 (van Achterberg, 1993).

Agathidinae is moderately large subfamily with at least 800 species worldwide, is relatively poorly represented in temperate areas, including Turkey (Nixon 1986; Shaw and Huddleston, 1991).