

Parasitoids (Hym., Chalcidoidea) Reared from Oak Gall Wasps (Hym., Cynipidae) in West of Iran, with Five New Species Records

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ABSTRACT

Oak cynipid galls were collected in oak forests of Kordestan, Kermanshah and Ilam provinces during 2004-2005. Collected galls were kept under laboratory conditions at room temperature (20-25 °C) in transparent plastic vials until cynipid wasps and parasitoids emerged. As the result 11 parasitoid species associated with oak cynipid galls were reared: *Sycophila biguttata* (Swederus, 1795), *S. flavicollis* (Walker, 1834)*, *Eurytoma brunniventris* Ratzeburg, 1852, *Megastigmus dorsalis* (Fabricius, 1798), *M. dunicola* Bouèek, 1982*, *M. stigmatizans* (Fabricius, 1798), *Ormyrus nitidulus* (Fabricius, 1804), *O. pomaceus* (Geoffroy, 1785), *Cecidostiba fungosa* (Geoffroy, 1785)*, *Eupelmus annulatus* Nees, 1834* and *Baryscapus anasillus* Graham, 1991*. Five species (marked *) are new records for Iran. Data on distribution and host associations are given.

Key words: Parasitoid, Cynipini, Chalcidoidea, oak gallwasps, *Quercus* sp.

INTRODUCTION

Iran is located in southwest Asia and the greater parts of the country is situated in Palearctic Region, with typically Western Palearctic species predominating throughout the northwest, west and and central parts of the country. More than one-tenth of the country is forested. Oak forests mainly exist in the north and west of Iran. *Q. pubescens* Willd, *Q. cerris* L., *Q. infectoria* Olivier and *Q. macranthera* Fisch are the most common species. (Azizkhani *et al.*, 2005) (Fig. 1). Western regions of Iran