



**THE FIRST RECORD OF *ACINOPUS (OEDEMATICUS) MEGACEPHALUS* (ROSSI, 1794) (COLEOPTERA, CARABIDAE, HARPALINI, HARPALINA) FROM SEMNAN PROVINCE, IRAN**

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**ABSTRACT**

The first record of *Acinopus (Oedematicus) megacephalus* (Rossi, 1794) (Coleoptera, Carabidae, Harpalini, Harpalina) from Semnan province, near Semnan airport, Iran, is presented here. The entire morphological characteristic along with illustration was given. This new entry will enhanced the diversity of this genus in this region and will be helpful to update existing fauna.

**1. INTRODUCTION**

During a collecting-trip to Iran during 2011, I discovered *Acinopus (Oedematicus) megacephalus* (Rossi, 1794) (Coleoptera, Carabidae, Harpalini, Harpalina), which represents the first record of the species from Semnan province, Semnan, Semnan airport Iran. [A recent study (Ghahari *et al.*, 2012) failed to locate any material of this species from Semnan province]. The species was collected from the desert. The specimen is deposited in the author's collection. The genus *Acinopus* DEJEAN, 1821 contains are medium-sized to large species which are , black, without metallic shine, with appendages somewhat lighter having the body glabrous, stout more or less cylindrical. Their pronotum is strongly transverse and basally completely bordered, the posterior angles are narrowly or widely rounded without setae. The elytra are more or less parallel or somewhat oval.

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**2. MATERIALS AND METHODS**

All specimens were collected during the day on the desert from Semnan province, Semnan, Semnan airport, Iran in 2011. These specimens killed with alcohol 70% and pinned.

Figures made using an Canon SX620HS. All specimens is deposited in the author's collection.

**3. RESULTS**

*Acinopus (Oedematicus) megacephalus* (Rossi, 1794) (Figs. 1-2).

In total five species were identified, are newly recorded for Semnan province, Semnan, Iran. It total length = 0.4 cm).

**Material:** Iran, Semnan province, Semnan, Semnan airport, 18.6.2011, coll. D. Makhan. 2 males and 3 females.

**Remarks :** *Acinopus (Oedematicus) megacephalus* (Rossi, 1794) is the first record of the species for Iran and is the fifth species from Iran. Its pronotum in

*Acinopus (Oedematicus) megacephalus* (Rossi, 1794) with stripes. Stripes absent on the pronotum in *A. (Osimus) ammophilus* Dejean, 1829, *A. laevigatus* Ménériés, 1832, *A. (Acinopus) orszuliki* Wrase & Kataev, 2016 and *A. zagrosensis* Azadbakhsh & Wrase, 2016 from Iran.

#### 4. CONFLICT OF INTEREST

Author has declared that there is no conflict of interest regarding publication of this article.

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**Fig. 1.** *Acinopus (Oedematicus) megacephalus* (Rossi,1794) habitus, dorsal view (total length = 1.5 cm).



**Fig. 2.** *Acinopus (Oedematicus) megacephalus* (Rossi, 1794) pronotum, dorsal view  
(Total length = 0.4 cm).