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Corrections to the *Eretmocerus* (Hymenoptera: Aphelinidae) of Iran and the validation of two new species

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ABSTRACT

Eretmocerus (Haldeman) one of most important bioagents of whiteflies. The aim of this work is to cite the location of holotypes of *Eretmocerus neomaskelliae* Abd-Rabou & Ghahari and *Eretmocerus ostovani* Ghahari & Abd-Rabou. The holotypes of *E. neomaskelliae* and *E. ostovani* are deposited in the Department of Agriculture, Shahr-e-Rey Islamic Azad University (SRAU), Tehran, Iran.

INTRODUCTION

Bemisia tabaci (Genn.) (Hemiptera : Alyerodidae) species complex is considered to be one of the worst world`s top 100 invasive species, because of its serious damage to agricultural production and associated industries (Abdel-Baky and Al-Deghairi, 2008). The genus *Eretmocerus* (Hademan) is important in biological control of *B. tabaci* (Gerling *et al.*, 2001).

The aim of the present work is to cite the location of holotype of *Eretmocerus neomaskelliae* Abd-Rabou & Ghahari and the holotype of *Eretmocerus ostovani* Ghahari & Abd-Rabou.

MATERIALS AND METHODS

Infested plant parts were placed in plastic bags and adult emergence was monitored. The emerging adult parasitoids were transferred into vials of 70% ethanol. There are very specific host records given. Identification of parasitoids made using adults slide-mounted in Hoyer's medium.

The procedures of slide mounts as follows: Dried specimens are soaked in glacial acetic acid (7 drops) mixed with chloral phenol (5 drops) in small watch glasses.

a. After 48 hours specimens should be satisfactorily cleared.
b. The cleared specimens are then mounted in Hoyer's medium.

After drying for about two weeks under 40 ºC, the slide cover is ringed with a suitable sealer.

RESULTS AND DISCUSSION

Abd-Rabou *et al.* (2005) described *Eretmocerus neomaskelliae* Abd-Rabou & Ghahari and *Eretmocerus ostovani* Ghahari & Abd-Rabou. According to Article 16.4 of the International Code of Zoological Nomenclature (ICZN) (1999), for a name to be available, the author(s) of papers published after 1999, must accompany the

description with a statement of intent as to where the primary type is deposited or to be deposited. Since the authors inadvertently did not state where the primary type for each species was to be deposited, the names of both of these species have been unavailable. To rectify this situation and comply with the requirements of the ICNZ, we wish to state that the holotype of *Eretmocerus neomaskelliae* Abd-Rabou & Ghahari and the holotype of *Eretmocerus ostovani* Ghahari & Abd-Rabou are deposited in the Department of Agriculture, Shahr-e-Rey Islamic Azad University (SRAU), Tehran, Iran. We thank Dr. John Noyes, for bringing this error to our attention.

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ARABIC SUMMARY

تصحيح و صالحية نوعين من جنس أريتموسيرس

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جنس أريتموسيرس أحد العناصر البيولوجية الهامة فى مكافحة الذباب بيولوجيا. الغرض والهدف من هذا العمل تصحيح و صالحية ومعرفة مكان نوعين من جنس أريتموسيرس هما *Eretmocerus neomaskelliae* Abd-Rabou & Ghahari and *Eretmocerus ostovani* Ghahari & Abd-Rabou.

وقد تم تسجيل مكان العينات النمط فى قسم الزراعة ، جامعة أزاد الأسلامية، طهران، ايران.