

Short communication

***Mokrzeckia obscura* (Hym.: Pteromalidae), a hyperparasitoid of diamondback moth and a new record from Iran**

M. Afjunizadeh¹, J. Karimzadeh² and H. Lotfalizadeh^{3&*}

1. Department of Entomology, College of Agriculture, Science and Research Branch, Islamic Azad University, Tehran, Iran, 2. Department of Plant Protection, Isfahan Research Center for Agriculture and Natural Resources, Isfahan, Iran, 3. Department of Plant Protection, East Azerbaijan Research Center for Agriculture and Natural Resources, Tabriz, Iran.

*Corresponding author, E-mail: lotfalizadeh2001@yahoo.com

چکیده

در بررسی‌های مربوط به شناسایی پارازیتوئیدهای مراحل نابالغ بید کلم، *Plutella xylostella* (L.) (Lep.: Plutellidae) در مزارع کلم و کلم گل استان اصفهان، یک گونه پارازیتوئید ثانویه به نام *Mokrzeckia obscura* Graham از خانواده‌ی Pteromalidae جمع‌آوری و شناسایی شد که برای اولین بار از ایران گزارش می‌شود. این گونه از پرورش لاروهای بید کلم که توسط *Cotesia plutellae* (Kurdjumov) (Hym.: Braconidae) پارازیته شده بودند، به دست آمد.

A hyperparasitoid was identified in a field study on larval and pupal parasitoids of diamondback moth, *Plutella xylostella* (L.) (Lep.: Plutellidae), in Isfahan province during May to October 2009. *Mokrzeckia obscura* Graham, 1969 (Hym.: Pteromalidae) was reared from an endoparasitoid, *Cotesia plutellae* (Kurdjumov) (Hym., Braconidae), which was obtained from *P. xylostella* larvae collected from Mobarakeh county. This is the first record of *M. obscura* from Iran. This species belongs to the subfamily Pteromalinae and has already been reported from the UK (Noyes, 2010).

Diagnosis – Female. Body length 2.6 mm; head and thorax bluish green; gaster bronze-green, basal tergite blue-green, the remaining tergites extensively suffused with purplish; antennae fuscous, proximal half of scape testaceous; coxa concolorous with thorax, femora fuscous, rest of leg testaceous, tarsi brown apically; wing hyaline, veins brown (Graham, 1969).

The hyperparasitoid was identified by the third author.

References

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