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Short communication

First report of *Dinocampus coccinellae* (Hym.: Braconidae) from Iran

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چکیده

در نمونه‌برداری‌هایی که طی شهریور تا آبان ماه ۱۳۸۹ در مزرعه تحقیقاتی دانشگاه بوعلی سینا در دستجرد همدان جهت بررسی میزبان پارازیتیسم کفشدوزک (Col.: Coccinellidae) *Hippodamia variegata* (Goeze) انجام شد، زنبور پارازیتوئید *Dinocampus coccinellae* (Schrank) جمع‌آوری گردید. این زنبور برای اولین‌بار از ایران گزارش می‌شود.

Sampling carried out in Bu-Ali Sina University research field, Dastjerd, Hamedan province, during September to November 2010 resulted in collecting a braconid wasp from adult ladybeetles, *Hippodamia variegata* (Goeze) (Col.: Coccinellidae). This parasitoid was identified as *Dinocampus coccinellae* (Schrank). This species is a new record for Iran.

Dinocampus Förster is a cosmopolitan monotypic genus (Chen & van Achterberg, 1997). Among the species of this genus, *D. coccinellae* is a very specific parasitoid with narrow host ranges confined to the family Coccinellidae (Muesebeck, 1936). Some of the diagnostic characters of *D. coccinellae* are as follows: antenna with 22-24 segments, with corona of 5-6 long setae, each setae nearly as long as flagellum width, length of scape 3-4 times its width; maxillary palp with five segments, labial palp with two segments; occipital carina complete dorsally; ocular setae present but minute; face wider than width of clypeus, width of clypeus about 1.4 times its height; malar suture present; tarsal claw simple; notauli complete, meeting posteriorly; epicnemial carina present; forewing: vein 1-R1 short, about as long as pterostigma, end of SR_{1+3} - SR closer to pterostigma than to wing apex, 1-SR and 1-SR+M present, r-m absent, $M+CU_1$ sclerotized; hindwing: veins SR and 2-M present, pigmented, M+CU much longer than 1-M; first metasomal tergite petiolate, distinctly widened apically, dorsope and laterope absent, second and third tergites smooth, close to apex of metasoma, lateral edges of first tergite not fused together; ovipositor slender, about as long as first metasomal tergite, about 0.25 times fore wing (Chen & van Achterberg, 1997; Boring, 2010).

Female samples of *D. coccinellae* are kept in Insects Collection, Faculty of Agriculture, Bu-Ali Sina University, Hamedan, Iran, and Department of Entomology, National Museum of Natural History, Leiden University, Netherlands.

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