

Short communication

New record of *Stephanodes similis* (Hym.: Mymaridae) from Iran
F. Haghayeghi-Nosrati¹, H. Ghajariyeh¹, H. Lotfalizadeh^{2*} and S.V. Triapitsyn³

1. Department of Plant Entomology and Pathology, College of Aburaihan, University of Tehran, Pakdasht, Iran, 2. Department of Plant Protection, Azarbaijan-e Sharghi Research Center for Agriculture and Natural Resources, Tabriz, Iran, 3. Entomology Research Museum, Department of Entomology, University of California, Riverside, CA 92521, USA.

*Corresponding author, E-mail: hlotfalizadeh@gmail.com

چکیده

در میان زنبورهای متعلق به بالاخانواده Chalcidoidea که در تاریخ ۹۰/۵/۲۱ با استفاده از تله مالیز از استان آذربایجان شرقی، خسروشهر جمع‌آوری شده بودند، نمونه‌هایی با نام علمی *Stephanodes similis* (Förster) شناسایی گردید. این گونه برای نخستین بار از ایران گزارش می‌شود و بدین ترتیب تعداد گونه‌های شناخته شده از این جنس در ایران به دو گونه می‌رسد.

Among the collected chalcidoid wasps from northwestern Iran, we found a pair of Mymaridae (Hym.: Chalcidoidea) in Malaise trap collected specimens. These specimens belong to the genus *Stephanodes* Enock that includes only six described species (Noyes, 2012), of which *Stephanodes reduvioli* (Perkins) has been previously reported from Iran (Huber & Fidalgo, 1997).

These small wasps were collected in 12 August, 2010 in Khosroshahr, Tabriz, in Azarbaijan-e Sharghi province. They were identified as *Stephanodes similis* (Förster) that was later confirmed by the last author. It is a new report for the Iranian fauna increasing the total number of the reported species of *Stephanodes* in Iran

to two species. The host of *S. similis* is unknown but other members of the genus are egg parasitoids of Nabidae and Cicadellidae (Huber & Fidalgo, 1997). This species is widely distributed in Europe, North America and Argentina (Triapitsyn & Berezovskiy, 2002). The genus *Stephanodes*, which belongs to the *Polynema* group of genera, is distinguished from closely related genera by following characters: scape with inner surface rasp-like, with imbricated sculpture; vertex large, shallow depressions outside each ocellus; mesosoma smooth and dorsally convex; prothoracic spiracle advanced forward of posterolateral margin of pronotum, flush with surface (Lin *et al.*, 2007).

References

- Huber, J. T. & Fidalgo, P.** (1997) Review of the genus *Stephanodes* (Hymenoptera: Mymaridae). *Proceedings of the Entomological Society of Ontario* 128, 27-63.
- Lin, N. Q., Huber, J. T. & La Salle, J.** (2007) The Australian genera of Mymaridae (Hymenoptera: Chalcidoidea). *Zootaxa* 1596, 1-111.
- Noyes, J. S.** (2012) Universal Chalcidoidea Database. World Wide Web electronic publication. Available from: <http://www.nhm.ac.uk/entomology/chalcidoids/index.html>, 20 (accessed 20 September 2012).
- Triapitsyn, S. V. & Berezovskiy, V. V.** (2002) Review of the Mymaridae (Hymenoptera) of Primorskii Krai: genera *Chaetomymar* Ogloblin, *Himopolynema* Taguchi, and *Stephanodes* Enock. *Far Eastern Entomologist* 110, 1-11.

Received: 15 January 2013

Accepted: 26 October 2013