

Article

***Berlandina nabozhenkoi* Ponomarev & Tsvetkov, 2006 (Araneae: Gnaphosidae) is a new spider record from Turkey**

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Abstract

Berlandina nabozhenkoi is recorded for the first time from Turkey. Its general habitus and genitalia are illustrated. Description and collecting data of this species are also given.

Keywords Gnaphosidae; *Berlandina nabozhenkoi*; new record; Turkey.

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1 Introduction

Ground spiders is now the largest spider family in Turkey. The known gnaphosid fauna of Turkey includes 148 species and 33 genera (Demir and Seyyar, 2017; Seyyar et al., 2019a, 2019b, 2019c). The genus *Berlandina* Dalmas, 1922 is one of the large genera of this family with 39 species distributed in all over the World. Most of the species are known within the Palearctic, especially Mediterranean, the Caucasus and Central Asia (World Spider Catalog, 2020). So far only two *Berlandina* species are known in Turkey, *Berlandina plumalis* and *B. Pulchra* (Demir and Seyyar, 2017). We found a new species of this genus from Turkey. The aim of this paper is to present the gnaphosid spider *Berlandina nabozhenkoi* Ponomarev and Tsvetkov, 2006 as a new record for the Turkish Spider Fauna.

2 Materials and Methods

In this study, only two males specimens were collected from Su Şehri District in Sivas Province (Kelkit Valley) in Turkey (Fig. 1). Examined specimens were preserved in 70% ethanol and deposited in the NOHUAM. In the identification, Marusik et al. (2014) was consulted. The identification was made by means of a SZX61 Olympus stereomicroscope.

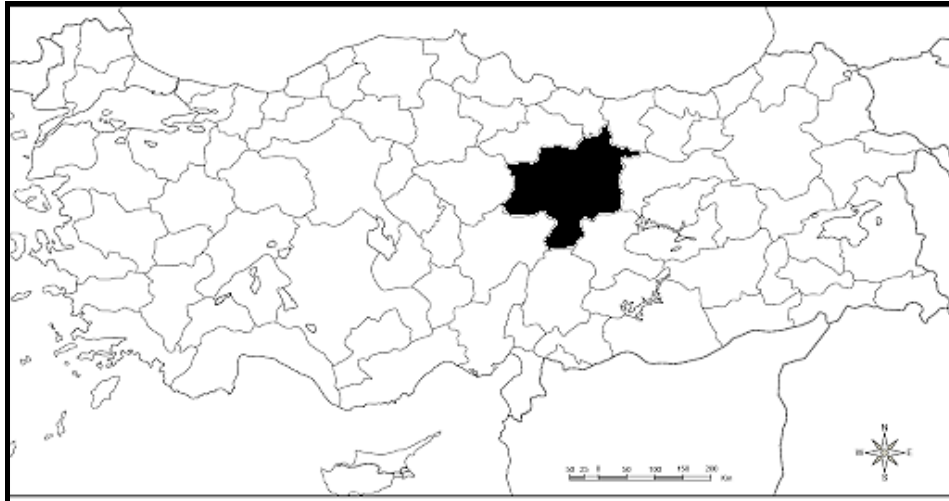


Fig. 1 Locality of *Berlandina nabozhenkoi*: Sivas Province in Central Anatolia.

3 Results

Berlandina nabozhenkoi Ponomarev & Tsvetkov, 2006 (Figs 2-4)

Taxonomic references

Berlandina nabozhenkoi Ponomarev & Tsvetkov, 2006

Berlandina nabozhenkoi Ponomarev, 2008

Berlandina nabozhenkoi Marusik, Fomichev & Omelko, 2014

Berlandina nabozhenkoi Ponomarev et al., 2018

Collecting specimens: Sivas Province: Suşehri District, Elmaseki village (40° 5' 8.32"N, 38° 5' 36.66"E), 1580m, 03.V.2019 (2♂♂); Legs. Osman Seyyar & Hakan Demir.



Fig. 2 Male habitus of *Berlandina nabozenkoi* Ponomarev & Tsvetkov, 2006. A-dorsal, B-ventral.



Fig. 3 Male palp of *Berlandina nabozenkoi* Ponomarev & Tsvetkov, 2006: A-ventral view, B- retrolateral view, C, D- prolateral view.



Fig. 4 Male palp of *Berlandina nabozenkoi* Ponomarev & Tsvetkov, 2006: A-Lateral view of retrolateral tibial apophysis, B-Dorsal view of retrolateral tibial apophysis, C-Ventral view of both palp.

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References

- Demir H, Seyyar O. 2017. Annotated checklist of the spiders of Turkey. *Munis Entomology and Zoology*, 12 (2): 433-469
- Marusik YM, Fomichev AA, Omelko MM. 2014. A survey of East Palaearctic Gnaphosidae (Araneae). 1. On the *Berlandina* Dalmás, 1922 (Gnaphosinae) from Mongolia and adjacent regions. *Zootaxa*, 3827(2): 187-213
- Seyyar O, Demir H, OK D. 2019c. *Marjanus* Chatzaki, 2018 and *Marjanus platnicki* (Zhang, Song & Zhu, 2001) (Araneae: Gnaphosidae) are new records for Turkish spider fauna. *Serket*, 16(4): 200-202
- Seyyar O, Demir H, Türkeş T. 2019b. *Kishidaia conspicua* (L. Koch, 1866) (Araneae: Gnaphosidae) is a new record for Turkish spider fauna. *Serket*, 17(1): 45-47
- Seyyar O, Kılınç H, Demir H. 2019a. *Lasophorus* Chatzaki, 2018 and *Lasophorus zografae* Chatzaki, 2018 (Araneae: Gnaphosidae) are new records for Turkish spider fauna. *Serket*, 17(1): 42-44
- World Spider Catalog. 2020. World Spider Catalog. Version 21.0. Natural History Museum Bern. <http://wsc.nmbe.ch>. Accessed on 6 March 2020