

Four species of Psocoptera as new records for Bulgaria

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Abstract. The species: *Elipsocus abdominalis*, *E. annulatus*, *Lachesilla bernardi* and *Kolbia quisquiliarum* were newly recorded for Bulgaria. All were found in the area of Sarnena Sredna Gora Mts. After this paper a total of 58 species of Psocoptera are known to occur in the country.

Key words: Insecta, species diversity, Balkan Peninsula.

There are a total of 54 species from the order Psocoptera in Bulgaria known to occur in the country till now (Lienhard & Smithers 2002, Sziráki 2013, Georgiev 2016a, b, Georgiev 2017a, b, c). This number is far from the actual species diversity of the psocids in this region which being overlooked for a long time there. In this short note I report four newly recorded species in Bulgaria, all from the area of Sarnena Sredna Gora Mts., S Bulgaria. The study is a part of the initiative of ZooNotes for enriching the knowledge on the fauna of this mountain. Species identifications and taxonomy followed Lienhard (1998). As supporting sources for some of the species also Saville (2008) was used.

***Elipsocus abdominalis* Reuter, 1904**

Material examined: 1 ♂, 18.10.2017, Sarnena Gora Mts., Hrishteni village, yard of a house, found dead below window, N42 27 12.7 E25 42 18.9, 230 m a.s.l.

***Elipsocus annulatus* Roesler, 1954**

Material examined: 1 ♂, 28.5.2018, Sarnena Gora Mts., close to Beter Peak, broad leaf xeric forest, dominated by *Quercus* spp., *Carpinus* spp., and *Acer* spp., collected by sweep netting, from grass vegetation dominated by *Paeonia* sp., N42 30 41.2 E25 37 46.4, 809 m a.s.l.

***Lachesilla bernardi* Badonnel, 1938**

Material examined: 1 ♂, 23.5.2018, Sarnena Gora Mts., Hrishteni village, yard of a house, collected by sweeping of *Corylus avellana* leaves using a small plastic container (small bucket), N42 27 12.7 E25 42 18.9, 230 m a.s.l.; same locality: 1 ♂, 14.6.2018, collected by trapping with plastic containers below lamp during the night; 1 ♂, 29.6.2018, Sarnena Gora Mts., SW part of Hrishteni village, ruderal vegetation, collected by beating the vegetation, from *Clemathis vitalba* growing on a concrete wall, N42 27 00.0 E25 42 12.1, 222 m a.s.l.

***Kolbia quisquiliarum* Bertkau, 1882**

Material examined: 1 ♂, 23.5.2018, Sarnena Gora Mts., N of Dabrava village, broad leaf xeric forest, dominated by *Quercus* spp. and *Carpinus* spp. with a lot of meadows, collected by sweep netting from grass vegetation dominated by Poaceae, N42 27 30.3 E25 35 37.0, 516 m a.s.l.

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