

CONTRIBUTION TO THE KNOWLEDGE OF PSOCOPTERA OF PIERIA (NORTH GREECE)

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Abstract

We present the results of our short survey for Psocoptera at the region of Pieria, North Greece. A total of 15 specimens were collected, belonging to 9 species.

Keywords: barkfly, Psocoptera, Greece, fauna, diversity.

Pieria, *Πιερία*, is a prefecture of the southern part of Macedonia, North Greece. Its capital is the town of Katerini. Its climate is mainly of Mediterranean type with hot summers and cool winters. Severe winter weather is common in the central and western parts of Pieria, especially in the Pierian Mountains and on Mount Olympus [[https://en.wikipedia.org/wiki/Pieria_\(regional_unit\)](https://en.wikipedia.org/wiki/Pieria_(regional_unit))].

The Psocoptera of Pieria (Pieria Valley and surrounding mountains) were never studied before (Lienhard 1998, 2006, Lienhard & Smithers 2002, Hollier et al. 2011 and Georgiev 2020). Our study was carried out over a period of three days, 24-26.07.2021 (Tab. 1).

Table 1. Localities of Pieria where samples were taken (altitude in m a.s.l.).

No	Date	Locality	Coordinates	Alt.
1	24.7.2021	Leptokaria town, at estuary of a small river, tall grasses and bushes, from dry leaves of high Poaceae grasses	N40 02 15.1 E22 35 10.8	3
2	25.7.2021	Leptokaria town, mixed bushes and trees near dry river bed, dry brunches of <i>Laurus nobilis</i> on the ground	N40 03 50.6 E22 33 46.8	8
3	25.7.2021	South of Nei Pori town, sand dunes with bushes and grasses, brunches of <i>Quercus coccifera</i>	N39 58 21.7 E22 28 20.8	4
4	26.7.2021	Olympus Mts, west of Leptokaria town, mixed forest, brunches of <i>Acer campestre</i>	N40 01 13.4 E22 28 20.8	961
5	26.7.2021	Olympus Mts, east of Karia village, mixed forest	N39 59 25.9 E22 26 22.1	802

All specimens were collected by beating the vegetation. Specimens were stored in ethanol and after processing, deposited in the collection of the author. Species identifications are based on Lienhard (1998). As a supporting source, Saville (2008) was also used.

Psocoptera of Pieria

Results

The survey revealed a total of 15 specimens, belonging to 9 species:

Trogiidae

Cerobasis guestfalica (Kolbe, 1880): locality nr. 1, 1♀; locality nr. 5, 1♀, from branches of *Abies* sp.

Liposcelididae

Liposcelis decolor (Pearman, 1925): locality nr. 1, 2♀.

Caeciliusidae

Enderleinella obsoleta (Stephens, 1836): locality nr. 5, 1♀, from branches of *Pinus* sp.

Lachesillidae

Lachesilla pedicularia (Linnaeus, 1758): locality nr. 2, 1♀.

Ectopsocidae

Ectopsocus briggsi McLachlan, 1899: locality nr. 1, 1♀; locality nr. 2, 1♀, 2♂.

Ectopsocus petersi Smithers, 1978: locality nr. 4, 1♀, 1♂.

Ectopsocus vachoni Badonnel, 1945: locality nr. 2, 1♀.

Ectopsocopsis cryptomeriae (Enderlein, 1907): locality nr. 2, 1♂.

Trichopsocidae

Trichopsocus dali (McLachlan, 1867): locality nr. 3, 1♀.

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