

Species list of oribatid mites found on lichens in the north-Caucasian area, compiled by Georgia Erdmann

In the years 2003 and 2005 (both times in August), lichens of different habitats (stone, bark, wood and soil) were sampled in the north-Caucasian part of Republic of Adygea and adjacent parts of the Krasnodar territory (Mostovskij rajon and Majkopskij rajon) in high- and lowland areas. Samples of lichens were collected and determined by Volker Otte. The lichen-species are given in his biodiversity documentation (pp. 195 – 200). The samples were stored up to one month in paper bags until extraction with a Berlese-Tullgren extractor. Altogether, 32 species of oribatid mites were determined. Noteworthy is that only oribatid mites of higher-derived groups (Brachypilina) were found on lichens, with one exception (*Camisia horrida*).

Most species have a palaeartic or holarctic distribution. Only four species had not been detected before for the investigated area according to literature (SUBIAS 2004), these are *Lauropoppia denticulata* (southern Siberia), *Lauropoppia marginedentata* (central Europe), *Schelorbates cf. ascendens* (Germany) and *Suctobelba altvateri* (central Europe).

<i>Caleremaeus monilipes</i> (Michael, 1882) (2)	<i>Mycobates patrius</i> Shaldybina, 1970 (2)
<i>Camisia horrida</i> (Hermann, 1804) (1)	<i>Parachipteria petiti</i> Travé, 1960 (2)
<i>Carabodes labyrinthicus</i> (Michael, 1879) (1, 2)	<i>Phauloppia lucorum</i> (C. L. Koch, 1841) (2)
<i>Carabodes subarcticus</i> Trägårdh, 1910 (2)	<i>Phauloppia rauschenensis</i> Sellnick, 1908 (1)
<i>Ceratoppia quadridentata</i> (Haller, 1884) (1, 2)	<i>Quadropoppia monstrosa</i> Hammer, 1979 (2)
<i>Chamobates subglobulus</i> (Oudemans, 1900) (1)	<i>Quadropoppia quadricarinata</i> (Michael, 1885) (2)
<i>Diapterobates humeralis</i> (Hermann, 1804) (2)	<i>Schelorbates cf. ascendens</i> Weigmann & Wunderle, 1990 (1)
<i>Dissorhina ornata</i> (Oudemans, 1900) (2)	<i>Sphaerozetes piriformis</i> (Nicolet, 1885) (1, 2)
<i>Domatorina plantivaga</i> (Berlese, 1896) (2)	<i>Suctobelba altvateri</i> Moritz, 1970 (2)
<i>Dorycranosus moraviacus</i> (Willmann, 1954) (2)	<i>Suctobelba granulata</i> v. d. Hammen, 1952 (2)
<i>Eueremaeus oblongus</i> (C. L. Koch, 1836) (1, 2)	<i>Tectocepheus velatus sarekensis</i> Trägårdh, 1910 (1, 2)
<i>Eupelops acromios</i> (Hermann, 1804) (1, 2)	<i>Tectocepheus velatus velatus</i> (Michael, 1880) (2)
<i>Lauropoppia denticulata</i> (Grishina, 1980) (2)	<i>Xenillus tegeocranus</i> (Hermann, 1804) (1, 2)
<i>Lauropoppia marginedentata</i> Strenzke, 1951 (2)	<i>Zygoribatula cf. microporosa</i> Bulanowa-Zachvatkina, 1967 (1, 2)
<i>Lepidozetes singularis</i> Berlese, 1910 (1)	
<i>Minunthozetes cf. pseudofusiger</i> (Schweizer, 1922) (1, 2)	
<i>Mycobates monodactylus</i> Shaldybina, 1970 (2)	
<i>Mycobates parmeliae</i> (Michael, 1884) (1)	

Data sources

- (1) ERDMANN, G.: sampling from August 2005, determination: Georgia Erdmann, Staatl. Museum f. Naturk. Görlitz
- (2) HAMPE, V.: sampling from August 2003, determination: Volker Hampe, Staatl. Museum f. Naturk. Görlitz

Reference

- SUBIAS, L. S. (2004): Listado sistemático, sinonimico y biogeográfico de los Ácaros Oribátidos (Acariformes, Oribatida) del mundo (1758 – 2002) [Systematic, synonymic and biogeographical check-list of the oribatid mites (Acariformes, Oribatida) of the world (1758 – 2002)]. – Graellsia **60**, 305 pp.