

SHORT NOTES

New and Rare Mesostigmata Mites (Acari, Parasitiformes) in Latvia

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Fourteen new and three rare Mesostigmata species were found in the various microhabitats.

Abbreviations used in the text: S – mite material examined, F - female, M – male, DN – deutonymph, L – lake, R – river, Distr. - district. Species new for Latvia are abbreviated by asterisk (*). The number of specimens, sex and developmental stage is given in brackets. All taxa are listed systematically.

List of Species**Parasitidae** OUDEMANS, 1901

* *Parasitus berlesei* (WILLMANN, 1935)

S: Ogre Distr., Koderu pilskalns, 26.11.2006, (1 F), wet *Quercus robur*, *Acer* sp. leaf litter.

* *Poecilochirus davydovae* HYATT, 1980

S: Cēsis Distr., Cēsis, 18.08.2004, (1 DN), coniferous forest near Meža kapi, on *Oiceptoma* sp. (Coleoptera, Silphidae); Rīga Distr., pansion “Nītaure” near R. Mergupe, 01.08.2003, (2 DN), on *Nicrophorus* sp. (Coleoptera, Silphidae) on dead *Clethrionomus* sp.; Rīga Distr., Krimulda, 09.08.2007, (5 DN), park, on *Nicrophorus vespello* (Coleoptera, Silphidae).

Ameroseiidae (BERLESE, 1919) EVANS, 1961

* *Ameroseius callosus* MAŠAN, 1998

S: Talsi Distr., Slītere NP, 09.07.2004, (2 F), pine forest, in *Fomitopsis pinicola* on dry *Pinus sylvestris*; Valmiera Distr., Mazsalaca, near Skaņais kalns, 15.07.2004, (1 F), pine forest, in *Fomes fomentarius* on *Betula pendula*.

* *Ameroseius fungicolis* MAŠAN, 1998

S: Talsi Distr., Slītere NP, 09.07.2004, (9 F, 1 M), pine forest, in *Fomitopsis pinicola* on dry *Pinus sylvestris*; Valmiera Distr., Mazsalaca, near Skaņais kalns, 15.07.2004, (2 F), pine forest, in *Fomes fomentarius* on *Betula pendula*.

Acosejidae BAKER et WHARTON, 1952 (sensu EVANS, 1958)

* *Panteniphis mirandus* WILLMANN, 1949

S: Bauska Distr., between Bauska and Vecsaule, 12.05.2006, (2 F, 1 M), deciduous forest, edge of boggy depression, wet humus; Talsi Distr., Kolka, Saunags, 6.–8.08.2006, (1 F), black alder swamp forest, wet soil, rhizosphere.

Neojordensia sinuata ATHIAS-HENRIOT, 1973

S: Ogre Distr., Ogre, surroundings of R. Norupīte, 12.05.2007, (1 F), in flood-plain meadow soil.

Rhodacaridae OUDEMANS, 1902

* *Dendrolaelaps insignis* HIRSCHMANN, 1960

S: Ogre Distr., Koderu pilskalns, 26.11.2006, (5 F, 2 DN), rotting *Fomitopsis pinicola* on deciduous tree; Valmiera Distr., Mazsalaca, near Skaņais kalns, 15.07.2004, (1 F, 1 DN), pine forest, in *Fomitopsis pinicola* on dry *Picea abies*.

* *Dendrolaelaps bregetovae* SHCHERBAK, 1978

S: Talsi Distr., Kolka, Kolkasrags, 6.-8.08.2006, (8 F, 3 M, 2 DN), beach, washed ashore reeds.

* *Insectolaelaps quadrisetus* (BERLESE, 1920)

S: Jēkabpils Distr., Viesīte surroundings, 27.06.2004, (1 F, 2 M, 3 DN), mixed forest, in *Fomitopsis pinicola* on fallen rotting tree trunk, (4 F, 11 M) on living tree; Madona Distr., Mētriēna surroundings, 21.08.2004, (98 F, 38 M, 86 DN, 54 PN) mixed forest, in rotting *Fomes fomentarius* on dry *Betula pendula*; Ogre Distr., Ogre, surroundings of R. Norupīte, 12.05.2007, (2 F, 4 M), coniferous forest, in *Fomitopsis pinicola* on dry standing *Picea abies*.

* *Dendrolaelaps longifallax* HIRSCHMANN, 1960

S: Valmiera Distr., Mazsalaca, near Skaņais kalns, 15.07.2004, (2 F, 1 M, 1 DN), pine forest,

in *Fomes fomentarius* on *Betula pendula*.

* *Insectolaelaps euarmatus* (HIRSCHMANN, 1960)

S: Talsi Distr., Slītere NP, surroundings of Slītere lighthouse, 13.06.2007, (4 F, 3 M, 1 DN), moist spruce forest, in *Fomitopsis pinicola* on fallen old *Picea abies*; Valmiera Distr., Mazsalaca, near Skaņaiskalns, 15.07.2004, (3 F, 2 M), pine forest, in *Fomes fomentarius* on *Betula pendula*.

* *Saprolaelaps reticulatus* BLASZAK, EHRNSBERGER, 2000

S: Rīga Distr., Baltezers, surroundings of str. Dzilnu and Sūnu, near L. Lielais Baltezers, 5.05.2007, (83 F, 33 M), in wet soil, washed ashore reeds.

Macrochelidae VITZTHUM, 1930

Macrocheles penicilliger (BERLESE, 1904)

S: Gulbene Distr., Pededzes lejtece protected nature area, 23.04.2006, (1 F), broad leaved forest, soil under *Quercus robur*, leg. D. Telnov.

Laelaptidae BERLESE, 1892

Holostaspis montana (BERLESE, 1904)

S: Rīga Distr., surroundings of Ulbroka, Dzidriņas, 24.03.2007, (13 F), pine forest, in nest of *Formica* sp., leg. D. Telnov.

* *Holostaspis isotricha* (KOLENATI, 1858)

S: Rīga Distr., surroundings of Ulbroka, Dzidriņas, 24.03.2007, (1 F), pine forest, in nest of *Formica* sp., leg. D. Telnov.

* *Pseudoparasitus dentatus* (HALBERT, 1920)

S: Talsi Distr., Kolkasrags, 6.-8.08.2006, (6 F), beach, washed ashore reeds.

Zerconidae BERLESE, 1892

* *Zercon anomalus* (WILLMANN, 1953)

S: Rīga Distr., Rīga, surroundings of R. Langa near str. Rudzu, 09.07.2005, (1 F), moist meadow soil.

mirandus, *Holostaspis isotricha*, *Holostaspis montana* and *Neojordensia sinuata* are rare species in Latvia.

References

Salmane I. 2005. List of Mesostigmata mites (Acari, Parasitiformes) associated with Aphyllophorales fungi (Basidiomycetes) in Latvia. – *Latvijas entomologs* **42**: 45-57.

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Ameroseius fungicolis is a very abundant and common species in fruiting bodies of Aphyllophorales fungi on *Populus* sp. in Slovakia (P.Mašán, pers. com.). *A. callosus* is known as a relatively scarce species. These both species were recorded for the first time in Latvia regardless to previous investigations of Aphyllophorales fungi (also *Fomitopsis pinicola*) (Salmane 2005). *Panteniphis*