List of Mesostigmata Mites (Acari, Parasitiformes) Associated with Aphyllophorales Fungi (Basidiomycetes) in Latvia

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Abstract: The fauna of Mesostigmata mites from the cohorts Gamasina, Sejina, Antennophorina, Microgyniina and Uropodina associated with bracket fungi in Latvia was investigated. A total of 27 species of bracket fungi were collected and 88 Mesostigmata species found associated with them.

Key words: Gamasina, Sejina, Antennophorina, Microgyniina, Uropodina, Latvia, fungi.

Introduction

Until now the Mesostigmata fauna inhabiting Aphyllophorales fungi was not investigated in Latvia. Species of the cohorts Antennophorina and Microgyniina were mentioned for the first time in Latvia.

Abbreviations used in the text: M – collected specimens, S – South, N – North, Distr. – district, f. – forest, NP – National Park, NR – National Reserve, NaP – Nature Park, C. – cave, p. – park, R. – river, L. – lake, w. - watercourse. The number of specimens is given in brackets. Number of Uropodina was not counted.

Material and Methods

Aphyllophorales fungi were collected from the dead or alive trees and tree trunks. Extraction of mites was performed using Tullgren funnels. Permanent slides in Berlese media were made. Species were identified using keys of N. Bregetova (1977), K. Hyatt (1980), W. Karg (1993), Lapina (1976a, b) and G. Shcherbak (1980).

Results

Twenty seven Aphyllophorales species (about 550 fruiting bodies) were collected. A total of 88 species of Mesostigmata from 14 families (3800 specimens) were found in association with bracket fungi sporocarps. The numbers of Uropodina specimens were not counted.

Of the Mesostigmata the most rich species composition was found for Rhodacaridae (17 species), Aceosejidae (14 species) and Parasitidae (13 species). *Hoploseius* sp., *Lasioseius ometes* and *Insectolaelaps pini* were the most numerous species. Ubiquitous species like *Veigai nemorensis*, *Holoparasitus excipuliger* and

Pergamasus vagabundus were found in low numbers. *Hoploseius* sp., *Aceoseius muricatus*, *Lasioseius ometes*, *Ameroseius imparsetosus* and *Insectolaelaps pini* were typical inhabitants of Aphyllophorales fungi. Seventy one Mesostigmata species were recorded for perennial Aphyllophorales species and 54 species were found for annual fungi. The richest Mesostigmata communities were found associated with *Fomitopsis pinicola*, *Fomes fomentarius* and *Ganoderma applanatum*.

List of Mesostigmata species

Sejina
Sejidae BERLESE, 1895 (non BERLESE, 1813)
1. *Sejus togatus* C.L. KOCH, 1836
M: Ogre Distr., Ogre, Pārogre, 25.05.2003 (2), on *Tilia cordata* trunk *Ganoderma applanatum* (PERS.) PAT.; Madona Distr., Krustkalnu NR, 3.11.2002 (4), mixed f., on fallen *Tilia cordata*, Rīga Distr., Ķemeru NP, hillfort Kaņiera, 23.06.2003 (1), mixed f., on *Populus* sp., Cēsis Distr., Skaļupes, 11.07.2003 (1), mixed f., on deciduous tree, *Fomes fomentarius* (L.: FR.) FR.; Ogre Distr., Ogre, Pārogre, 18.05.2003, (1), mixed f., on *Pinus* sp. trunk, Limbaži Distr., S of Meleki, 21.08.2003 (2), coastal mixed f., on *Betula* sp., Limbaži Distr., Mantiņi, 21.08.2003 (1), mixed f., on rotting *Betula* sp., Dobele Distr., hillfort Īles, 05.10.2003 (1), deciduous f., on fallen *Tilia cordata*, *Fomitopsis pinicola* (SW.: FR.) P. KARST.; Alūksne Distr., Māriņkalns, 09.08.2003 (10), mixed f., on *Pinus sylvestris Trichaptum abietinum* (J. DICKS.: FR.) RYVARDEN.

Microgyniina
Microgyniidae TRÄGÅRDH, 1942
2. *Microsejus truncicola* TRÄGÅRDH, 1942
M: Rīga Distr., Skaļupes, 11.07.2003 (1), mixed f., on deciduous tree *Fomes fomentarius* (L.: FR.) FR.; Madona Distr., Kujas NPa, 01.05.2003 (3), on *Alnus* sp. *Fomitopsis pinicola* (SW.: FR.) P. KARST.

Antennophorina
Celaenopsidae BERLESE, 1892
3. *Celaenopsis badius* BERLESE, 1886
M: Ogre Distr., Ogre, Pārogre, 25.05.2003 (1), on *Tilia cordata* trunk *Bjerkandera adusta* (WILLD.: FR.) P. KARST.; Rīga Distr., Ķemeru NP, Izkopi, 23.06.2003 (1), on *Betula* sp. *Fomes fomentarius* (L.: FR.) FR.; Ogre Distr., Ogre, Pārogre, 25.05.2003 (2), on *Tilia cordata* trunk *Ganoderma applanatum* (PERS.) PAT.; Limbaži Distr., Dunte, 15.10.2003 (1), deciduous f., on fallen deciduous tree *Phellinus igniarius* (L.: FR.) QUÉL.; Ogre Distr., Ogre, Pārogre, 08.09.2002 (4), mixed f., on *Trametes* sp.

Gamasina
Parasitidae OUDEMANS, 1901
4. *Parasitus kraepelini* OUDEMANS, 1901
M: Rīga Distr., Sigulda, 06.10.2002 (14), mixed f. on fallen deciduous tree *Bjerkandera adusta* (WILLD.: FR.) P. KARST.; Madona Distr., Krustkalnu NR, 03.11.2002 (1), mixed f., on fallen *Tilia cordata Fomes fomentarius* (L.: FR.)

FR.; Talsi Distr., Kolkasrags, 14.09.2002 (1), coastal pine f., on *Betula* sp. *Laetiporus* sp.

5. *Parasitus* (*Vulgarogamasus*) *halophilus* (SELLNICK, 1957)

M: Rīga Distr., Gauja, 27.09.2002 (1), pine f., on fallen tree *Laetiporus* sp.

6. *Parasitus* (*Coleogamasus*) *fimetorum* BERLESE, 1903

M: Rīga Distr., Saulkrasti, 31.07.2003 (1), deciduous f., on deciduous tree *Auricularia mesenterica* (DICKS.) PÉRS.

7. *Holoparasitus excipuliger* (BERLESE, 1905)

M: Alūksne Distr., Ziemeri, 09.08.2003 (3), mixed f., on deciduous tree *Daedaleopsis confragosa (*BOLTON: FR.) J. SCHROET.; Ogre Distr., Ogre, 25.05.2003 (2), deciduous f., on *Tilia cordata Ganoderma applanatum* (PERS.) PAT.; Madona Distr., Krustkalnu NR, 03.11.2002 (9), mixed f., on fallen *Tilia cordata*, Rīga Distr., Ķemeru NP, hillfort Kaņiera, 23.06.2003 (4), mixed f., on *Populus* sp., *Fomes fomentarius* (L.: FR.) FR.; Ogre Distr., Ogre, Pārogre, 18.05.2003 (1), mixed f., on *Pinus sylvestris* trunk, Cēsis Distr., Skaļupes, 12.07.2003 (1), mixed f, on deciduous tree, Limbaži Distr., S of Meleki, 21.08.2003 (1), coastal mixed f., on *Betula* sp., Dobele Distr., hillfort Īles, 05.10.2003 (6), deciduous f., on fallen *Tilia cordata*, *Fomitopsis pinicola* (SW.: FR.) P. KARST.; Ogre Distr., Ogre, Pārogre, 09.12.2003 (5), on *Betula* sp. trunk *Ganoderma applanatum* (PERS.) PAT.; Rīga Distr., Turaida, C. Mazā, 5.08.2003 (2), on deciduous tree log *Hymenochaete rubiginosa* (DICKS.) LÉV.; Limbaži Distr., w. Duntes, 14.10.2003 (7), coastal pine f., on *Alnus* sp. trunk *Inonotus radiatus* (SOWERBY: FR.) P. KARST.; Liepāja Distr., Vērgale, 12.04.2003 (1), on *Salix* sp., Madona Distr., L. Talejas, 07.06.2003 (3), on *Quercus robur*, Alūksne Distr., Ziemeri, 09.08.2003 (2), mixed f., on *Quercus robur*, *Laetiporus sulphureus* (BULL.: FR.) MURRILL; Talsi Distr., Kolkasrags, 14.09.2002 (3), coastal pine f., on *Betula* sp. *Laetiporus* sp.; Limbaži Distr., Dunte, 15.10.2003 (1), deciduous f., on fallen deciduous tree *Phellinus igniarius* (L.: FR.) QUÉL.; Limbaži Distr., Dunte, 14.10.2003 (2), coastal deciduous f., on *Betula* sp. *Piptoporus betulinus* (BULL.: FR.) P. KARST.; Dobele Distr., L. Zebrus, 05.10.2003 (1), deciduous f., on fallen *Tilia cordata*, Ogre Distr., Ogre, Pārogre, 09.11.2003 (1), on *Salix* sp. trunk, *Trametes hirsuta* (WULFEN: FR.) PILÁT; Alūksne Distr., Māriņkalns, 09.08.2003 (3), mixed f., on *Pinus sylvestris Trichaptum abietinum* (J. DICKS.: FR.) RYVARDEN.

8. *Gamasodes spiniger* (TRÄGARDH, 1910)

M: Talsi Distr., Kolkasrags, 14.09.2002 (1), coastal pine f., on *Betula* sp. *Laetiporus* sp.

9. *Pergamasus crassipes* (LINNAEUS, 1758)

M: Rīga Distr., Sigulda, 06.10.2002 (1), on deciduous tree, Ogre Distr., Ogre, Pārogre, Špakovska p., 17.04.2004 (1), on *Betula* sp., Cēsis Distr., Cēsis, 18.06.2004 (1), on deciduous tree trunk, *Ganoderma applanatum* (PERS.) PAT.; Madona Distr., L. Talejas, 07.06.2003 (2), on *Quercus robur Laetiporus sulphureus* (BULL.: FR.) MURRILL; Alūksne Distr., Ziemeri, 09.08.2003 (6), mixed f., on *Betula* sp. *Phellinus nigricans* (FR.) P. KARST.; Rīga Distr., Turaida, 12.07.2003 (1), mixed f., on deciduous tree *Trametes* sp.

10. *Pergamasus septentrionalis* (OUDEMANS, 1902)

M: Rīga Distr., Sigulda, 06.10.2002 (1), on deciduous tree *Ganoderma applanatum* (PERS.) PAT.; Madona Distr., Kujas NaP, 01.05.2003 (1), deciduous f., on *Salix* sp. *Phellinus alni* (BONDARTSEV) PARMASTO.

11. *Pergamasus vagabundus* KARG, 1968

M: Alūksne Distr., Ziemeri, 09.08.2003 (3), mixed f., on deciduous tree *Daedaleopsis confragosa* (BOLTON: FR.) J. SCHROET.; Alūksne Distr., Ziemeri, 09.08.2003 (2), mixed f., on *Quercus robur Laetiporus sulphureus* (BULL.: FR.) MURRILL; Madona Distr., Kujas NaP, 01.05.2003 (2), deciduous f., on *Salix* sp., Cēsis Distr., Nītaure, 01.08.2003 (2), deciduous f., on *Alnus* sp., *Phellinus alni* (BONDARTSEV) PARMASTO; Alūksne Distr., Ziemeri, 09.08.2003 (22), mixed f., on deciduous *Phellinus nigricans* (FR.) P. KARST.

12. *Pergamasus lapponicus* TRÄGÅRDH, 1910

M: Ogre Distr., Ogre, Pārogre, 09.12.2003 (11), on *Betula* sp. trunk *Ganoderma applanatum* (PERS.) PAT.

13. *Pergamasus teutonicus* WILLMANN, 1956

M: Madona Distr., Krustkalnu NR, 03.11.2002 (1), mixed f., on fallen *Tilia cordata Fomes fomentarius* (L.: FR.) FR.

14. *Pergamasus wasmanni* (OUDEMANS, 1902)

M: Madona Distr., Krustkalnu NR, 03.11.2002 (6), mixed f., on fallen *Tilia cordata Fomes fomentarius* (L.: FR.) FR.; Cēsis Distr., Skaļupes, 12.07.2003 (2), mixed f., on deciduous tree *Fomitopsis pinicola* (SW.: FR.) P. KARST.

15. *Pergamasus* sp.

M: Rīga Distr., L. Dienvidu Garezers, 27.09.2002 (2), coastal pine f., on *Pinus sylvestris Phellinus* sp.

16. *Saprogamasus ambulacralis* WILLMANN, 1949

M: Ogre Distr., Ogre, Pārogre, 25.05.2003 (1), on *Tilia cordata* trunk *Ganoderma applanatum* (PERS.) PAT.

Veigaiaidae OUDEMANS, 1939

17. *Veigaia nemorensis* (C.L. KOCH, 1839)

M: Madona Distr., Krustkalnu NR, 03.11.2002 (3), mixed f., on fallen *Tilia cordata Fomes fomentarius* (L.: FR.) FR.; Cēsis Distr., Skaļupes, 12.07.2003 (1), mixed f., on deciduous tree *Fomitopsis pinicola* (SW.: FR.) P. KARST.; Ogre Distr., Ogre, Pārogre, 25.05.2003 (1), on *Tilia cordata* trunk, Ogre Distr., Ogre, Pārogre, Špakovska p., 17.04.2004 (1), on *Betula* sp. trunk, *Ganoderma applanatum* (PERS.) PAT.; Limbaži Distr., w. Duntes, 14.10.2003 (4), deciduous f., on *Alnus* sp. trunk *Inonotus radiatus* (SOWERBY: FR.) P. KARST.; Madona R., L. Talejas, 07.06.2003 (1), on *Quercus robur Laetiporus sulphureus* (BULL.: FR.) MURRILL; Talsi Distr., Kolkasrags, 14.09.2002 (1), coastal pine f., on deciduous tree *Laetiporus* sp.; Alūksne Distr., Māriņkalns, 09.08.2003 (1), mixed f., on *Pinus sylvestris Trichaptum abietinum* (J. DICKS.: FR.) RYVARDEN.

18. *Veigaia cervus* (KRAMER, 1876)

M: Madona Distr., Krustkalnu NR, 03.11.2002 (1), mixed f., on fallen *Tilia cordata Fomes fomentarius* (L.: FR.) FR.; Rīga Distr., Sigulda, 06.10.2002 (1), deciduous f., on deciduous tree *Ganoderma applanatum* (PERS.) PAT.; Alūksne Distr., Ziemeri, 09.08.2003 (5), mixed f., on *Betula* sp. *Phellinus nigricans* (FR.) P. KARST.

Ameroseiidae (BERLESE, 1919) EVANS, 1961

19. *Ameroseius longitrichus* HIRSCHMANN, 1963

M: Madona Distr., Krustkalnu NR, 03.11.2002 (1), mixed f., on fallen *Tilia cordata Fomes fomentarius* (L.: FR.) FR.; Cēsis Distr., pension „Nītaure", 01.08.2003 (2), mixed f., on rotten *Pinus* sp., Alūksne Distr., bog Ašu, 08.08.2003 (1), coniferous f., on *Pinus sylvestris*, *Fomitopsis pinicola* (SW.: FR.) P. KARST.;

Rīga Distr., L. Dienvidu Garezers, 27.09.2002 (1), coastal pine f., on *Betulus* sp. trunk *Piptoporus betulinus* (BULL.: FR.) P. KARST.; Rīga Distr., Gauja, 27.09.2002 (1), coastal pine f., on fallen tree *Pleurotes velentinus* (PERS.) PAT.

20. ***Ameroseius imparsetosus*** WESTERBOER, 1963

M: Alūksne Distr., Ziemeri, 09.08.2003 (4), mixed f., on deciduous tree *Daedaleopsis confragosa* (BOLTON: FR.) J. SCHROET.; Ogre Distr., Ogre, Pārogre, 09.12.2003 (1), on *Betula* sp. trunk *Ganoderma applanatum* (PERS.) PAT.; Alūksne Distr., Ziemeri, 09.08.2003 (1), mixed f., on *Betula* sp. *Phellinus nigricans* (FR.) P. KARST.; Ogre Distr., Ogre, Pārogre, 08.09.2002 (7), mixed f., Ogre Distr., Ogre, Pārogre, 18.05.2003 (1), mixed f., on fallen deciduous tree, *Trametes* sp.; Alūksne Distr., Māriņkalns, 09.08.2003 (1), mixed f., on *Pinus sylvestris Trichaptum abietinum* (J. DICKS.: FR.) RYVARDEN.

21. ***Ameroseius corbicula*** (SOWERBY, 1806)

M: Ogre Distr., Ogre, Pārogre, 25.05.2003 (1), on *Tilia cordata* trunk *Ganoderma applanatum* (PERS.) PAT.

22. ***Ameroseius delicatus*** BERLESE, 1918

M: Ogre Distr., Ogre, Pārogre, 25.05.2003 (1), on *Tilia cordata* trunk *Ganoderma applanatum* (PERS.) PAT.

23. ***Ameroseius ulmi*** HIRSCHMANN, 1963

M: Rīga Distr., L. Dienvidu Garezers, 27.09.2002 (1), coastal pine f., on *Betula* sp. *Piptoporus betulinus* (BULL.: FR.) P. KARST.

24. ***Ameroseius*** sp.

M: Ogre Distr., Ogre, Pārogre, 08.09.2003 (1), mixed f., on deciduous tree *Phellinus igniarius* (L.: FR.) QUÉL.

25. ***Epicriopsis horridus*** (KRAMER, 1876)

M: Ogre Distr., Ogre, Pārogre, Špakovska p., 17.04.2004 (1), on *Betula* sp. *Ganoderma applanatum* (PERS.) PAT.

Aceosejidae BAKER, WHARTON, 1952 (sensu EVANS, 1958)

26. ***Aceoseius muricatus*** (C.L. KOCH, 1839)

M: Rīga Distr., Sigulda, 06.10.2002 (10), on fallen tree, Ogre Distr., Ogre, Pārogre, 25.05.2003 (2), on *Tilia cordata* trunk, *Bjerkandera adusta* (WILLD.: FR.) P. KARST.; Alūksne Distr., Ziemeri, 09.08.2003 (9), mixed f., on deciduous tree *Daedaleopsis confragosa* (BOLTON: FR.) J. SCHROET.; Rīga Distr., pension "Nītaure", 01.08.2003 (2), on rotten *Pinus* sp. *Fomes fomentarius* (L.: FR.) FR.; Rīga Distr., L. Dienvidu Garezers, 27.09.2003 (3), coastal pine f., Cēsis Distr., Skaļupes, 12.07.2003 (1), mixed f., on deciduous tree, Cēsis Distr., pension "Nītaure", 01.08.2003 (6), mixed f., on rotten *Pinus* sp., Alūksne Distr., bog Ašu, 08.08.2003 (3), coniferous f., on *Pinus sylvestris*, Alūksne Distr., Ziemeri, 09.08.2003 (8), mixed f., on deciduous tree, Limbaži Distr., S of Meleki, 21.08.2003 (9), coastal mixed f., on *Betula* sp., Ogre Distr., Ogre, Pārogre, Špakovska p., 11.04.2004 (17), on deciduous tree trunk, *Fomitopsis pinicola* (SW.: FR.) P. KARST.; Rīga Distr., Sigulda, 06.10.2002 (1), on deciduous tree, Ogre Distr., Ogre, Pārogre, 25.05.2003 (3), on *Tilia cordata*, Ogre Distr., Ogre, Pārogre, 09.12.2003 (3), on *Betula* sp. trunk, Ogre Distr., Ogre, Pārogre, Špakovska p., 17.04.2004 (14), on *Betula* sp., *Ganoderma applanatum* (PERS.) PAT.; Rīga Distr., Sigulda, 06.10.2002 (3), on *Acer* sp. *Spongipellis spumens* (SOWERBY: FR.) PAT.; Alūksne Distr., Ziemeri, 09.08.2003 (2), mixed f., on deciduous tree *Stereum hirsutum* (WILD.) S.F. GRAY; Rīga Distr., L. Dienvidu Garezers, 05.09.2003 (1), coastal pine f., on deciduous tree *Trametes ochracea*

(PERS.) GILB. ET RYVARDEN; Alūksne Distr., Dēliņkalns, 09.08.2003 (2), mixed f., on fallen deciduous tree, Rīga Distr., Melluži, Mellužu prospekts, 02.10.2004 (178), on *Tilia cordata* trunk, *Trametes versicolor* (L.: FR.) PILÁT; Dobele Distr., L. Zebrus, 05.10.2003 (8), deciduous f., on fallen deciduous tree *Trametes hirsuta* (WULFEN: FR.) PILÁT; Ogre Distr., Ogre, Pārogre, 18.05.2003 (1), mixed f., on fallen deciduous tree, Rīga Distr., Līgatne, 11.07.2003 (29), mixed f., on logs on the ground *Trametes* sp.; Alūksne Distr., Māriņkalns, 09.08.2003 (15), mixed f., on *Pinus sylvestris Trichaptum abietinum* (J. DICKS.: FR.) RYVARDEN.

27. *Lasioseius furcisetus* ATHIAS-HENRIOT, 1959

M: Rīga Distr., Ķemeru NP, hillfort Kaņiera, 23.06.2003 (1), mixed f., on *Populus* sp. *Fomes fomentarius* (L.: FR.) FR.; Madona Distr., Kujas NaP, 01.05.2003 (2), deciduous f., on *Alnus* sp., Dobele Distr., hillfort Īles, 05.10.2003 (2), deciduous f., on fallen *Tilia cordata*, *Fomitopsis pinicola* (SW.: FR.) P. KARST.; Talsi Distr., Kolkasrags, 14.09.2002 (9), coastal pine f., on *Betula* sp. *Laetiporus* sp.; Cēsis Distr., Līgatne, 11.07.2003 (4), mixed f., on logs on the ground *Trametes* sp.

28. *Lasioseius ometes* (OUDEMANS, 1903)

M: Rīga Distr., Sigulda, 06.10.2002 (5), on fallen deciduous tree, Limbaži Distr., Skulte, 31.07.2003 (65), on deciduous tree trunk, *Bjerkandera adusta* (WILLD.: FR.) P. KARST.; Alūksne Distr., Ziemeri, 09.08.2003 (64), mixed f., on deciduous tree *Daedaleopsis confragosa* (BOLTON: FR.) J. SCHROET.; Madona Distr., Kujas NaP, 01.05.2003 (2), deciduous f., on *Alnus* sp., Limbaži Distr., Lēdurga, 11.05.2003 (1), mixed f., on *Pinus sylvestris,* Cēsis Distr., L. Jaunēlītes, 06.06.2003 (2), deciduous f., on fallen *Betulus* sp., Cēsis Distr., L. Ilzes, 06.06.2003 (2), mixed f., on *Alnus* sp., Cēsis Distr., Taurene, 08.06.2003 (2), mixed f., on fallen *Picea* sp., Cēsis Distr., Skaļupes, 12.07.2003 (2), mixed f., on deciduous tree, Rīga Distr., R. Pēterupe, 31.07.2003 (5), deciduous f., on *Alnus* sp., Cēsis Distr., pension „Nītaure", 01.08.2003 (3), mixed f., on rotten *Pinus* sp., Alūksne Distr., bog Ašu, 08.08.2003 (1), coniferous f., on *Pinus sylvestris,* Alūksne Distr., Ziemeri, 09.08.2003 (43), mixed f., on deciduous tree, Limbaži Distr., N of Ežurga, 15.08.2003 (2), mixed coastal f., on fallen *Pinus sylvestris,* Limbaži Distr., S of Meleki, 21.08.2003 (37), mixed coastal f., on *Betula* sp., Dobele Distr., hillfort Īles, 05.10.2003 (6), deciduous f., on fallen *Tilia cordata*, Ogre Distr., Ogre, Pārogre, Špakovska p., 11.04.2004 (9), on *Pinus sylvestris* trunk, *Fomitopsis pinicola* (SW.: FR.) P. KARST.; Rīga Distr., Ķemeru NP, Izkopi, 23.06.2003 (2), on *Betula* sp., Rīga Distr., R. Mergupe, 01.08.2003 (1), mixed f., on fallen *Betula* sp., *Fomes fomentarius* (L.: FR.) FR.; Ogre Distr., Ogre, Pārogre, 18.05.2003 (1), mixed f., on fallen *Coryllus avelana*, Cēsis Distr., Cēsis, 18.06.2004 (8), on deciduous tree trunk *Ganoderma applanatum* (PERS.) PAT.; Limbaži Distr., w. Duntes, deciduous f., 14.10.2003 (8), on *Alnus* sp. trunk *Inonotus radiatus* (SOWERBY: FR.) P. KARST.; Liepāja Distr., Vērgale, 12.04.2003 (2), on *Salix* sp., Madona Distr., Kujas NaP, 01.05.2003 (2), deciduous f., on *Quercus robur*, *Laetiporus sulphureus* (BULL.: FR.) MURRILL; Ogre Distr., Ogre, Pārogre, 08.05.2003 (1), mixed f., on *Alnus* sp., Cēsis Distr., Nītaure, 01.08.2003 (1), deciduous f., on *Alnus* sp., *Phellinus alni* (BONDARTSEV) PARMASTO; Alūksne Distr., Ziemeri, 09.08.2003 (4), mixed f., on *Betula* sp. *Phellinus nigricans* (FR.) P. KARST.; Rīga Distr., L. Dienvidu Garezers, 05.09.2003 (4), coastal pine f., on *Phellinus* sp.; Rīga Distr., L. Dienvidu Garezers, 05.09.2003 (2), coastal pine f., on *Betula* sp., Limbaži Distr.,

Dunte, deciduous f., 14.10.2003 (1), on *Betula* sp., *Piptoporus betulinus* (BULL.: FR.) P. KARST.; Alūksne Distr., Ziemeri, 09.08.2003 (32), mixed f., on deciduous tree *Stereum hirsutum* (WILD.) S.F. GRAY; Cēsis Distr., Līgatne, 11.07.2003 (1) sight-seeing tower, on logs on the ground *Stereum* sp.; Alūksne Distr., Dēliņkalns, 09.08.2003 (24), mixed f., on fallen deciduous tree, Rīga Distr., Melluži, Mellužu prospekts, 02.10.2004 (2), on *Tilia cordata* trunk, *Trametes versicolor* (L.: FR.) PILÁT; Ogre Distr., Ogre, Pārogre, 08.09.2002 (4), mixed f., on deciduous tree, Cēsis Distr., Līgatne, 11.07.2003 (3), mixed f., on logs on the ground, *Trametes* sp.; Alūksne Distr., Māriņkalns, 09.08.2003 (33), mixed f., on *Pinus sylvestris Trichaptum abietinum* (J. DICKS.: FR.) RYVARDEN.

29. *Lasioseius youcefi* ATHIAS-HENRIOT, 1959

M: Rīga Distr., Sigulda, 06.10.2002 (2), deciduous f., on fallen tree *Bjerkandera adusta* (WILLD.: FR.) P. KARST.; Madona Distr., Krustkalnu NR, 03.11.2002 (1), mixed f., on fallen *Tilia cordata Fomes fomentarius* (L.: FR.) FR.; Ogre Distr., Ogre, Pārogre, 06.06.2004 (2), on *Betula* sp. trunk *Ganoderma applanatum* (PERS.) PAT.; Rīga Distr., Sigulda, 06.10.2002 (3), deciduous f., on fallen tree *Phellinus igniarius* (L.: FR.) QUÉL.

30. *Leioseius bicolor* (BERLESE, 1918)

M: Madona Distr., Krustkalnu NR, 03.11.2002 (3), mixed f., on fallen *Tilia cordata*, Cēsis Distr., Skaļupes, 11.07.2003 (2), mixed f., on deciduous tree, Rīga Distr., R. Mergupe, 01.08.2003 (1), mixed f., on fallen *Betula* sp., Ogre Distr., Ogre, Zilie kalni, 18.10.2003 (2), coniferous f., on *Picea* sp. trunk, *Fomes fomentarius* (L.: FR.) FR.; Cēsis Distr., L. Ilzes, 06.06.2003 (16), mixed f., on *Pinus sylvestris*, Alūksne Distr., bog Ašu, 08.08.2003 (1), coniferous f., on *Pinus* sp., Limbaži Distr., Mantiņi, 21.08.2003 (1), mixed f., on rotten *Betula* sp. *Fomitopsis pinicola* (SW.: FR.) P. KARST.; Rīga Distr., Ķemeru NP, hillfort Kaņiera, 23.06.2003 (2), mixed f., on *Populus* sp. *Fomitopsis* sp.; Ogre Distr., Ogre, Pārogre, 06.06.2004 (1), on *Betula* sp. trunk *Ganoderma applanatum* (PERS.) PAT.; Liepāja Distr., Ziemupe, 13.04.2003 (1), coastal pine f., on fallen *Pinus sylvestris Inonotus radiatus* (SOWERBY: FR.) P. KARST.; Rīga Distr., Rīga, Daugavgrīva, 13.10.2002 (8), coastal pine f., on *Salix* sp., Alūksne Distr., Ziemeri, 09.08.2003 (2), mixed f., on *Quercus robur*, *Laetiporus sulphureus* (BULL.: FR.) MURRILL; Alūksne Distr., Ziemeri, 09.08.2003 (182), mixed f., on *Betula* sp. *Phellinus nigricans* (FR.) P. KARST.; Alūksne Distr., Ziemeri, 09.08.2003 (1), mixed f., on deciduous tree *Stereum hirsutum* (WILD.) S.F. GRAY; Ogre Distr., Ogre, Pārogre, 18.05.2003 (1), mixed f., on fallen deciduous tree, Ogre Distr., Ogre, Pārogre, 08.11.2003 (1), on *Padus* sp., *Trametes* sp.; Alūksne Distr., Māriņkalns, 09.08.2003 (1), mixed f., on *Pinus sylvestris Trichaptum abietinum* (J. DICKS.: FR.) RYVARDEN.

31. *Leioseius insignis* HIRSCHMANN, 1963

M: Ogre Distr., Ogre, Pārogre, 08.09.2003 (1), mixed f., on deciduous tree *Trametes* sp.

32. *Leioseius* (*Arctoseius*) *minutus* (HALBERT, 1915)

M: Alūksne Distr., Ziemeri, 09.08.2003 (2), mixed f., on *Betula* sp. *Phellinus nigricans* (FR.) P. KARST.

33. *Leioseius* (*Arctoseius*) *halophilus* (WILLMANN, 1949)

M: Limbaži Distr., Skulte, 31.07.2003 (1), on deciduous tree trunk *Bjerkandera adusta* (WILLD.: FR.) P. KARST.; Alūksne Distr., Ziemeri, 09.08.2003 (1), mixed f., on deciduous tree *Daedaleopsis confragosa* (BOLTON: FR.) J. SCHROET.;

Madona Distr., Kujas NaP, 01.05.2003 (3), deciduous f., on *Alnus* sp. *Fomitopsis pinicola* (SW.: FR.) P. KARST.

34. *Leioseius* (*Arctoseius*) *semiscissus* (BERLESE, 1892)

M: Cēsis Distr., Līgatne, 11.07.2003 (1), mixed f., on logs on the ground *Stereum* sp.; Cēsis Distr., Līgatne, 11.07.2003 (1), sight-seeing tower, on logs on the ground *Trametes* sp.

35. *Zerconopsis remiger* (KRAMER, 1876)

M: Ogre Distr., Ogre, Pārogre, 25.05.2003 (1), on *Tilia cordata* trunk *Bjerkandera adusta* (WILLD.: FR.) P. KARST.; Madona Distr., Krustkalnu NR, 03.11.2002 (20), mixed f., on fallen *Tilia cordata*, Cēsis Distr., Skaļupes, 11.07.2003 (10), mixed f., on deciduous tree, *Fomes fomentarius* (L.: FR.) FR.; Alūksne Distr., Ziemeri, 09.08.2003 (2), mixed f., on deciduous tree, Dobele Distr., hillfort Īles, 05.10.2003 (41), deciduous f., on fallen *Tilia cordata*, *Fomitopsis pinicola* (SW.: FR.) P. KARST.; Ogre Distr., Ogre, Pārogre, 25.05.2003 (4), on *Tilia cordata*, Ogre Distr., Ogre, Pārogre, Špakovska p., 17.04.2004 (1), on *Betula* sp., Cēsis Distr., Cēsis, 18.06.2004. (4), on deciduous tree trunk, *Ganoderma applanatum* (PERS.) PAT.; Ogre Distr., Ogre, Pārogre, 09.11.2003 (2), on *Salix* sp. *Schyzifilum commune* (L.: FR.) FR.

36. *Zerconopsis decemremiger* EVANS et HYATT, 1960

M: Rīga Distr., Sigulda, 06.10.2003 (3), on fallen tree *Bjerkandera adusta* (WILLD.: FR.) P. KARST.; Dobele Distr., hillfort Īles, deciduous f., 05.10.2003 (6), on fallen *Tilia cordata Fomitopsis pinicola* (SW.: FR.) P. KARST.; Ogre Distr., Ogre, Zilie kalni, 18.10.2003 (11), coniferous f., on *Picea* sp. trunk *Fomes fomentarius* (L.: FR.) FR.; Ogre Distr., Ogre, Pārogre, 09.12.2003 (3), on *Betula* sp. trunk, Cēsis Distr., Cēsis, 18.06.2004. (10), on deciduous tree trunk, *Ganoderma applanatum* (PERS.) PAT.; Limbaži Distr., w. Duntes, 14.10.2003 (95), on *Alnus* sp. trunk *Inonotus radiatus* (SOWERBY: FR.) P. KARST.

37. *Proctolaelaps bickleyi* (BRAM, 1956)

M: Limbaži Distr., Dunte, 15.10.2003 (4), deciduous f., on fallen deciduous tree *Phellinus igniarius* (L.: FR.) QUĖL.

38. *Proctolaelaps pygmaeus* (Müller, 1860)

M: Limbaži Distr., Skulte, 31.07.2003 (2), on deciduous tree trunk *Bjerkandera adusta* (WILLD.: FR.) P. KARST.; Dobele Distr., hillfort Īles, 05.10.2003 (2), deciduous f., on fallen *Tilia cordata Fomitopsis pinicola* (SW.: FR.) P. KARST.; Cēsis Distr., Līgatne, 11.07.2003 (5), mixed f., on logs on the ground *Trametes* sp.

39. *Hoploseius* sp.

M: Rīga Distr., Ķemeru NP, Izkopi, 23.06.2003 (2), deciduous f., on *Betulus* sp., Rīga Distr., R. Mergupe, 01.08.2003 (5), on fallen *Betula* sp., Ogre Distr., Ogre, Zilie kalni, 18.10.2003 (30), on *Picea* sp. trunk, Limbaži Distr., Dunte, 16.10.2003 (275), deciduous f., on *Ulmus* sp., *Fomes fomentarius* (L.: FR.) FR.; Rīga Distr., L. Dienvidu Garezers, 27.09.2002 (40), coastal pine f., on *Betulus* sp., Ogre Distr., Ogre, 15.04.2003 (18), on *Betula* sp., Madona Distr., Kujas NaP, 01.05.2003 (30), deciduous f., on *Alnus* sp., Limbaži Distr., Lēdurga, 11.05.2003 (9), mixed f., on *Pinus sylvestris*, Rīga Distr., Saulkrasti, 31.07.2003 (6), mixed f., on *Alnus* sp., Cēsis Distr., pension „Nītaure", 01.08.2003 (7), mixed f., on rotten *Pinus sylvestris*, Alūksne Distr., bog Ašu, 08.08.2003 (1), coniferous f., on *Pinus sylvestris*, Limbaži Distr., Mantiņi, 21.08.2003 (11), mixed f., on rotten *Betula* sp., Dobele Distr., hillfort Īles, 05.10.2003 (58), deciduous f., on fallen *Tilia cordata*, Ogre Distr., Ogre, Pārogre, Špakovska p.,

11.04.2004 (227), on *Pinus sylvestris* trunk, Ogre Distr., Ogre, Pārogre, 1.05.2004 (1), mixed f., on deciduous tree, *Fomitopsis pinicola* (SW.: FR.) P. KARST.; Ogre Distr., Ogre, Pārogre, 08.09.2002 (15), mixed f., on deciduous tree *Phellinus igniarius* (L.: FR.) QUÉL.

Phytoseiidae BERLESE, 1916

40. *Typhlodromus cotoneastri* WAINSTEIN, 1961

M: Limbaži Distr., Skulte, 31.07.2003 (9), on deciduous tree trunk *Bjerkandera adusta* (WILLD.: FR.) P. KARST.

41. *Typhlodromus tiliae* OUDEMANS, 1929

M: Ogre Distr., Ogre, Pārogre, 18.05.2003 (1), mixed f., on fallen *Coryllus avelana Ganoderma applanatum* (PERS.) PAT.

42. *Amblyseius obtusus* (C.L. KOCH, 1839)

M: Limbaži Distr., Skulte, 31.07.2003 (1), on deciduous tree trunk *Bjerkandera adusta* (WILLD.: FR.) P. KARST.; Cēsis Distr., Skaļupes, 12.07.2003 (3), mixed f., on deciduous tree *Fomitopsis pinicola* (SW.: FR.) P. KARST.; Ogre Distr., Ogre, Pārogre, 08.05.2003 (1), mixed f., on *Alnus* sp. *Phellinus alni* (BONDARTSEV) PARMASTO.

43. *Proprioseiopsis okanagensis* (CHANT, 1957)

M: Rīga Distr., Gauja, 27.09.2002 (2), coastal pine f., on fallen tree *Pleurotes velentinus* (PERS.) PAT.

44. *Proprioseiopsis messor* WAINSTEIN, 1960

M: Madona Distr., Ļaudona, 03.11.2002 (3), deciduous f., on deciduous tree *Inonotus radiatus* (SOWERBY: FR.) P. KARST.; Madona Distr., Kujas NaP, 01.05.2003 (1), deciduous f., on *Alnus* sp. *Fomitopsis pinicola* (SW.: FR.) P. KARST.; Rīga Distr., Sigulda, 06.10.2002 (15), on fallen tree *Phellinus igniarius* (L.: FR.) QUÉL.

45. *Amblyseius zwoelferi* (DOSSE, 1957)

M: Madona Distr., Ļaudona, deciduous f., 03.11.2002 (2), on *Alnus* sp. *Phellinus igniarius* (L.: FR.) QUÉL.

46. *Amblyseius meridionalis* (BERLESE, 1914)

M: Ogre Distr., Ogre, Pārogre, 18.05.2003 (1), mixed f., on fallen deciduous tree *Trametes* sp.

47. *Phytoseius juvenis* WAINSTEIN et ARUTUNJAN, 1970

M: Madona Distr., Ļaudona, deciduous f., 03.11.2002 (1), on *Alnus* sp. *Phellinus igniarius* (L.: FR.) QUÉL.

48. Phytoseiidae gen. sp.

M: Rīga Distr., Gauja, 27.09.2002 (1), coastal pine f., on fallen tree *Laetiporus* sp.

Rhodacaridae OUDEMANS, 1902

49. *Dendrolaelaps trapezoides* HIRSCHMANN, 1960

M: Rīga Distr., Skaļupes, 12.07.2003 (7), on deciduous tree *Fomitopsis pinicola* (SW.: FR.) P. KARST.; Ogre Distr., Ogre, Pārogre, 25.05.2003 (8), on *Tilia cordata Ganoderma applanatum* (PERS.) PAT.; Cēsis Distr., Līgatne, mixed f., 11.07.2003 (7), on logs on the ground *Trametes* sp.

50. *Dendrolaelaps procornutus* HIRSCHMANN, 1960

M: Rīga Distr., Skaļupes, 11.07.2003 (27), mixed f., on deciduous tree *Fomes fomentarius* (L.: FR.) FR.; Madona Distr., Kujas NaP, 01.05.2003 (1), deciduous f., on *Alnus* sp., Cēsis Distr., pension „Nītaure", 01.08.2003 (1), mixed f., on rotten *Pinus sylvestris*, Dobele Distr., hillfort Īles, 05.10.2003 (13), deciduous f., on fallen *Tilia cordata*, *Fomitopsis pinicola* (SW.: FR.) P. KARST.; Alūksne

Distr., Māriņkalns, 09.08.2003 (1), mixed f., on *Pinus sylvestris Trichaptum abietinum* (J. DICKS.: FR.) RYVARDEN.

51. ***Dendrolaelaps septentrionalis*** (SELLNICK, 1958)

M: Madona Distr., Krustkalnu NR, mixed f., 03.11.2002, on fallen *Tilia cordata Fomes fomentarius* (L.: FR.) FR.; Cēsis Distr., Taurene, 8.06.2003 (14), mixed f., on fallen *Picea* sp. *Fomitopsis pinicola* (SW.: FR.) P. KARST.

52. ***Dendrolaelaps cornutus*** KRAMER, 1886

M: Rīga Distr., Skaļupes, 11.07.2003 (37), mixed f., on deciduous tree *Fomes fomentarius* (L.: FR.) FR.; Cēsis Distr., L. Ilzes, 06.06.2003 (7), mixed f., on *Pinus sylvestris*, Cēsis Distr., pension „Nītaure", 01.08.2003 (2), mixed f., on rotten *Pinus sylvestris*, Alūksne Distr., Ziemeri, 09.08.2003 (77), mixed f., on deciduous tree, Dobele Distr., hillfort Īles, deciduous f., 05.10.2003 (21), on fallen *Tilia cordata*, *Fomitopsis pinicola* (SW.: FR.) P. KARST.; Ogre Distr., Ogre, Pārogre, 25.05.2003 (4), on *Tilia cordata Ganoderma applanatum* (PERS.) PAT.; Rīga Distr., L. Dienvidu Garezers, coastal pine f., 27.09.2002 (2), on *Betula* sp. *Piptoporus betulinus* (BULL.: FR.) P. KARST.; Alūksne Distr., Ziemeri, 09.08.2003 (7), mixed f., on deciduous tree *Stereum hirsutum* (WILD.) S.F. GRAY; Limbaži Distr., near Kaņepji, 16.10.2003 (1), coastal mixed f., on *Betula* sp. *Trametes ochracea* (PERS.) GILB. et RYVARDEN.

53. ***Dendrolaelaps cornutulus*** HIRSCHMANN, 1960

M: Alūksne Distr., Ziemeri, 09.08.2003 (2), mixed f., on deciduous tree, Limbaži Distr., S of Meleki, 21.08.2003 (12), coastal mixed f., on *Betula* sp., Dobele Distr., hillfort Īles, 05.10.2003 (1), deciduous f., on fallen *Tilia cordata*, Ogre Distr., Ogre, Pārogre, Špakovska p., 11.04.2004 (3), on deciduous tree trunk, *Fomitopsis pinicola* (SW.: FR.) P. KARST.; Alūksne Distr., Māriņkalns, mixed f., 09.08.2003 (2), on *Pinus sylvestris Trichaptum abietinum* (J. DICKS.: FR.) RYVARDEN.

54. ***Dendrolaelaps punctatulus*** HIRSCHMANN, 1960

M: Rīga Distr., Sigulda, 06.10.2002 (11), on fallen deciduous tree *Bjerkandera adusta* (WILLD.: FR.) P. KARST.; Cēsis Distr., Skaļupes, 11.07.2003 (1), mixed f., on deciduous tree *Fomes fomentarius* (L.: FR.) FR.

55. ***Dendrolaelaps acornutus*** HIRSCHMANN, 1960

M: Alūksne Distr., Ziemeri, 09.08.2003 (20), mixed f., on deciduous tree *Fomitopsis pinicola* (SW.: FR.) P. KARST.

56. ***Dendrolaelaps strenzkei*** WILLMANN, 1957

M: Cēsis Distr., Līgatne, 11.07.2003 (1), mixed f., on logs on the ground *Stereum* sp.

57. ***Dendrolaelaps tenuipilus*** HIRSCHMANN, 1960

M: Limbaži Distr., N of Ežurga, 15.08.2003 (1), coastal mixed f., on fallen *Pinus sylvestris*, Dobele Distr., hillfort Īles, 05.10.2003 (3), deciduous f., on fallen *Tilia cordata*, *Fomitopsis pinicola* (SW.: FR.) P. KARST.; Limbaži Distr., Dunte, deciduous f., 14.10.2003 (2), on *Betula* sp. *Piptoporus betulinus* (BULL.: FR.) P. KARST.; Alūksne Distr., Dēliņkalns, 09.08.2003 (4), mixed f., on fallen deciduous tree *Trametes versicolor* (L.: FR.) PILÁT.

58. ***Dendrolaelaps halophilus*** (WILLMANN, 1951)

M: Dobele Distr., hillfort Īles, 05.10.2003 (8), deciduous f., on fallen *Tilia cordata Fomitopsis pinicola* (SW.: FR.) P. KARST.; Alūksne Distr., Māriņkalns, 09.08.2003 (10), mixed f., on *Pinus sylvestris Trichaptum abietinum* (J. DICKS.: FR.) RYVARDEN.

59. ***Dendrolaelaps latus*** HIRSCHMANN, 1960

M: Cēsis Distr., L. Ilzes, 06.06.2003 (8), mixed f., on *Pinus sylvestris*, Limbaži Distr., S of Meleki, 21.08.2003 (5), coastal mixed f., on *Betula* sp., *Fomitopsis pinicola* (SW.: FR.) P. KARST.; Ogre Distr., Ogre, Pārogre, 25.05.2003 (1), on *Tilia cordata* trunk *Ganoderma applanatum* (PERS.) PAT.

60. *Dendrolaelaps arvicolus* LEITNER, 1949

M: Cēsis Distr., L. Ilzes, 06.06.2003 (8), mixed f., on *Betula* sp., Limbaži Distr., Mantiņi, 21.08.2003 (2), mixed f., on rotting *Betula* sp., *Fomitopsis pinicola* (SW.: FR.) P. KARST.; Limbaži Distr., w. Duntes, 14.10.2003 (6), on *Alnus* sp. trunk *Inonotus radiatus* (SOWERBY: FR.) P. KARST.

61. *Multidendrolaelaps ulmi* (HIRSCHMANN, 1960)

M: Limbaži Distr., Skulte, 31.07.2003 (1), on deciduous tree trunk *Bjerkandera adusta* (WILLD.: FR.) P. KARST.; Limbaži Distr., S of Meleki, 21.08.2003 (11), coastal mixed f., on *Betula* sp., Limbaži Distr., Mantiņi, 21.08.2003 (4), mixed f., on rotting *Betula* sp., *Fomitopsis pinicola* (SW.: FR.) P. KARST.; Ogre Distr., Ogre, Pārogre, 18.05.2003 (6), mixed f., on fallen *Coryllus avelana Ganoderma applanatum* (PERS.) PAT.; Madona Distr., L. Talejas, 07.06.2003 (2), on *Quercus robur Laetiporus sulphureus* (BULL.: FR.) MURRILL; Alūksne Distr., Ziemeri, 09.08.2003 (4), mixed f., on *Betula* sp. *Phellinus nigricans* (FR.) P. KARST.; Ogre Distr., Ogre, Pārogre, 18.05.2003 (20), mixed f., on fallen deciduous tree *Trametes* sp.; Alūksne Distr., Māriņkalns, 09.08.2003 (11), mixed f., on *Pinus sylvestris Trichaptum abietinum* (J. DICKS.: FR.) RYVARDEN.

62. *Multidendrolaelaps euepistomus* (HIRSCHMANN, 1960)

M: Cēsis Distr., L. Ilzes, 06.06.2003 (5), mixed f., on *Alnus* sp. *Fomitopsis pinicola* (SW.: FR.) P. KARST.; Ogre Distr., Ogre, Pārogre, 28.03 2004 (34), on *Tilia cordata* trunk, Ogre Distr., Ogre, Pārogre, 06.06.2004 (2), on *Betula* sp. trunk, Cēsis Distr., Cēsis, 18.06.2004 (2), on deciduous tree trunk, *Ganoderma applanatum* (PERS.) PAT.; Alūksne Distr., Māriņkalns, mixed f., 09.08.2003 (5), on *Pinus sylvestris Trichaptum abietinum* (J. DICKS.: FR.) RYVARDEN.

63. *Insectolaelaps pini* (HIRSCHMANN, 1960)

M: Ogre Distr., Ogre, Pārogre, 25.05.2003 (62), on *Tilia cordata* trunk *Bjerkandera adusta* (WILLD.: FR.) P. KARST.; Alūksne Distr., Ziemeri, 09.08.2003 (1), mixed f., on deciduous tree *Daedaleopsis confragosa* (BOLTON: FR.) J. SCHROET.; Ogre Distr., Ogre, Pārogre, 09.12.2003 (10), on *Betula* sp. trunk *Ganoderma applanatum* (PERS.) PAT.; Rīga Distr., Ķemeru NP, hillfort Kaņiera, 23.06.2003 (18), mixed f., on *Populus* sp., Cēsis Distr., Skaļupes, 11.07.2003 (42), mixed f., on deciduous tree, Rīga Distr., R. Mergupe, 01.08.2003 (1), on fallen *Betula* sp., Ogre Distr., Ķegums, mixed f., 02.09.2003 (7), on *Betula* sp., *Fomes fomentarius* (L.: FR.) FR.; Ogre Distr., Ogre, Pārogre, 18.05.2003 (110), mixed f., on *Pinus sylvestris* trunk, Cēsis Distr., Taurene, 8.06.2003 (1), mixed f., on fallen *Picea* sp., Rīga Distr., Saulkrasti, 31.07.2003 (4), deciduous f., on *Alnus* sp., Alūksne Distr., Ziemeri, 09.08.2003 (19), mixed f., on deciduous tree, Limbaži Distr., N of Ežurga, 15.08.2003 (4), coastal mixed f., on fallen deciduous tree, *Fomitopsis pinicola* (SW.: FR.) P. KARST.; Ogre Distr., Ogre, Pārogre, 25.05.2003 (70), on *Tilia cordata Ganoderma applanatum* (PERS.) PAT.; Rīga Distr., L. Dienvidu Garezers, 27.09.2002 (4), coastal pine f., on *Betula* sp. *Phellinus* sp.; Rīga Distr., L. Dienvidu Garezers, 27.09.2002 (1), coastal pine f., on *Betula* sp. *Piptoporus betulinus* (BULL.: FR.) P. KARST.

64. *Asca bicornis* (CANESTRINI et FANZAGO, 1887)

M: Limbaži Distr., w. Duntes, 14.10.2003 (6), on *Alnus* sp. trunk *Inonotus radiatus* (SOWERBY: FR.) P. KARST.

65. ***Asca aphidioides*** (LINNAEUS, 1758)
M: Ogre Distr., Ķegums, mixed f., 02.09.2003 (1), on *Betula* sp. *Fomes fomentarius* (L.: FR.) FR.

Pachylaelaptidae VITZTHUM, 1931
66. ***Pachyseius humeralis*** BERLESE, 1910
M: Cēsis Distr., L. Talejas, 07.06.2003 (1), on *Quercus robur Laetiporus sulphureus* (BULL.: FR.) MURRILL.

Macrochelidae VITZTHUM, 1930
67. ***Macrocheles rotundiscutis*** BREGETOVA et KOROLEVA, 1960
M: Ogre Distr., Ogre, Pārogre, 25.05.2003 (1), on *Tilia cordata* trunk *Bjerkandera adusta* (WILLD.: FR.) P. KARST.; Ogre Distr., Ogre, Pārogre, 25.05.2003 (1), on *Tilia cordata Ganoderma applanatum* (PERS.) PAT.
68. ***Geholaspis* (*Geholaspis*) *longispinosus*** (KRAMER, 1876)
M: Alūksne Distr., Ziemeri, mixed f., 09.08.2003 (1), on deciduous tree *Fomitopsis pinicola* (SW.: FR.) P. KARST.; Alūksne Distr., Ziemeri, 09.08.2003 (2), mixed f., on *Betula* sp. *Phellinus nigricans* (FR.) P. KARST.; Alūksne Distr., Ziemeri, 09.08.2003 (1), mixed f., on deciduous tree *Stereum hirsutum* (WILD.) S.F. GRAY.

Laelaptidae BERLESE, 1892
69. ***Hypoaspis* (*Geolaelaps*) *aculeifer*** (CANESTRINI, 1883)
M: Madona Distr., L. Driksnas, 21.09.2003 (1), mixed f., on rotten *Pinus sylvestris* trunk *Fomitopsis pinicola* (SW.: FR.) P. KARST.
70. ***Hypoaspis* (*Geolaelaps*) *praesternalis*** WILLMANN, 1949
M: Rīga Distr., Sigulda, 06.10.2002 (1), on fallen deciduous tree *Bjerkandera adusta* (WILLD.: FR.) P. KARST.
71. ***Hypoaspis* (*Cosmolaelaps*) *vacua*** (MICHAEL, 1891)
M: Rīga Distr., Sigulda, 06.10.2002 (1), on fallen deciduous tree *Bjerkandera adusta* (WILLD.: FR.) P. KARST.; Ogre Distr., Ogre, Pārogre, 25.05.2003 (1), on *Tilia cordata Ganoderma applanatum* (PERS.) PAT.; Alūksne Distr., bog Ašu, 08.08.2003 (1), coniferous f., on *Pinus sylvestris Fomitopsis pinicola* (SW.: FR.) P. KARST.
72. ***Hypoaspis rigensis*** LAPINA, 1976
M: Rīga Distr., Rīga, Daugavgrīva, 13.10.2002 (1), coastal pine f., on *Salix* sp. *Laetiporus* sp.
73. ***Hypoaspis lusisi*** LAPINA, 1976
M: Rīga Distr., R. Mergupe, 01.08.2003 (1), on fallen *Betula* sp., *Fomes fomentarius* (L.: FR.) FR.; Cēsis Distr., L. Jaunēlītes, 06.06.2003 (14), on rotting *Betula* sp., Cēsis Distr., L. Ilzes, 06.06.2003 (2), mixed f., on *Alnus* sp., *Fomitopsis pinicola* (SW.: FR.) P. KARST.
74. ***Hypoaspis incertus*** BERNHARD, 1955
M: Limbaži Distr., Dunte, 15.10.2003 (1), deciduous f., on fallen deciduous tree *Phellinus igniarius* (L.: FR.) QUÉL.
75. ***Hypoaspis brevipilis*** HIRSCHMANN, 1969
M: Limbaži Distr., Skulte, 31.07.2003 (1), on deciduous tree trunk *Bjerkandera adusta* (Willd.: Fr.) P. Karst.; Alūksne Distr., bog Ašu, 08.08.2003 (3), coniferous f., *Pinus sylvestris*, Limbaži Distr., N of Ežurga, 15.08.2003 (50), coastal mixed f., on fallen *Pinus sylvestris*, *Fomitopsis pinicola* (SW.: FR.) P.

KARST.; Alūksne Distr., Ziemeri, 09.08.2003 (6), mixed f., on *Quercus robur Laetiporus sulphureus* (BULL.: FR.) MURRILL; Limbaži Distr., Dunte, 15.10.2003 (3), deciduous f., on fallen deciduous tree *Phellinus igniarius* (L.: FR.) QUÉL.; Alūksne Distr., Ziemeri, 09.08.2003 (1), mixed f., on *Betula* sp. *Phellinus nigricans* (FR.) P. KARST.; Ogre Distr., Ogre, Pārogre, 09.11.2003 (1), on *Salix* sp. *Trametes versicolor* (L.: FR.) PILÁT; Limbaži Distr., N of Ķurmrags, 15.08.2003 (3), coastal mixed f., on *Pinus sylvestris Trametes* sp.

Eviphidae BERLESE, 1913

76. *Alliphis siculus* Oudemans, 1905

M: Alūksne Distr., Ziemeri, 09.08.2003 (1), mixed f., on deciduous tree *Daedaleopsis confragosa* (BOLTON: FR.) J. SCHROET.; Liepāja Distr., Vērgale, 12.04.2003 (1), on *Salix* sp. *Laetiporus sulphureus* (BULL.: FR.) MURRILL.

77. *Eviphis ostrinus* (C.L. KOCH, 1836)

M: Ogre Distr., Ogre, Zilie kalni, 18.10.2003 (1), on *Picea* sp. trunk *Fomes fomentarius* (L.: FR.) FR.; Alūksne Distr., Ziemeri, mixed f., 09.08.2003 (1), on deciduous tree *Fomitopsis pinicola* (SW.: FR.) P. KARST.; Rīga Distr., Sigulda, 06.10.2002 (7), on deciduous tree, Ogre Distr., Ogre, Pārogre, Špakovska p., 17.04.2004 (1), on *Betula* sp., *Ganoderma applanatum* (PERS.) PAT.; Madona Distr., L. Talejas, 07.06.2003 (1), on *Quercus robur Laetiporus sulphureus* (BULL.: FR.) MURRILL; Alūksne Distr., Ziemeri, mixed f., 09.08.2003 (1), on *Betula* sp. *Phellinus nigricans* (FR.) P. KARST.; Rīga Distr., L. Dienvidu Garezers, 27.09.2002 (1), coastal pine f., on *Betula* sp. *Phellinus* sp.; Alūksne Distr., Ziemeri, mixed f., 09.08.2003 (1), on deciduous tree *Stereum hirsutum* (WILD.) S.F. GRAY.

Zerconidae CANESTRINI, 1891

78. *Prozercon traegardhi* (HALBERT, 1923)

M: Dobele Distr., hillfort Īles, deciduous f., 05.10.2003 (1), on fallen *Tilia cordata Fomitopsis pinicola* (SW.: FR.) P. KARST.

79. *Prozercon kochi* SELLNICK, 1943

M: Rīga Distr., L. Dienvidu Garezers, 27.09.2002 (3), coastal pine f., on *Pinus sylvestris Fomitopsis pinicola* (SW.: FR.) P. KARST.; Alūksne Distr., Ziemeri, 09.08.2003 (3), mixed f., on *Betula* sp., Ogre Distr., Ogre, Pārogre, mixed f., 01.05.2004 (1), on deciduous tree *Phellinus nigricans* (FR.) P. KARST.

80. *Zercon carpathicus* SELLNICK, 1958

M: Madona Distr., Krustkalnu NR, 03.11.2002 (7), mixed f., on fallen *Tilia cordata,* Rīga Distr., Ķemeru NP, hillfort Kaņiera, 23.06.2003 (22), on *Populus* sp., Rīga Distr., R. Mergupe, 01.08.2003 (5), on *Betula* sp. trunk, *Fomes fomentarius* (L.: FR.) FR.; Madona Distr., Kujas NaP, 01.05.2003 (4), deciduous f., on *Alnus* sp., Cēsis Distr., L. Ilzes, 06.06.2003 (2), mixed f., on *Alnus* sp., Cēsis Distr., L. Ilzes, 06.06.2003 (16), on *Betula* sp., Cēsis Distr., Skaļupes, 12.07.2003 (12), on deciduous tree, Alūksne Distr., bog Ašu, 08.08.2003 (15), coniferous f., on *Pinus sylvestris*, Dobele Distr., hillfort Īles, deciduous f., 05.10.2003 (18), on fallen *Tilia cordata*, *Fomitopsis pinicola* (SW.: FR.) P. KARST.; Rīga Distr., Turaida, c. Mazā, 5.08.2003 (3), on deciduous tree log *Hymenochaete rubiginosa* (DICKS.) LÉV.; Liepāja Distr., Ziemupe, 13.04.2003 (4), coastal pine f., on fallen *Pinus sylvestris*, Limbaži Distr., w. Duntes, 14.10.2003 (15), on *Alnus* sp. trunk, *Inonotus radiatus* (SOWERBY: FR.) P. KARST.; Limbaži Distr., bus station „Rūpes", 16.10.2003 (1), coniferous f., on *Picea* sp. *Oligoporus* sp.;

Liepāja Distr., Bernātrags, 12.04.2003 (2), coastal pine f., on *Pinus sylvestris Phaeolus schweinitzii* (FR.: FR.) PAT.; Rīga Distr., Sigulda, 06.10.2002 (4), on fallen deciduous tree *Phellinus igniarius* (L.: FR.) QUÉL.; Alūksne Distr., Ziemeri, 09.08.2003 (49), mixed f., on *Betula* sp., Ogre Distr., Ogre, Pārogre, 01.05.2004 (4), mixed f., on deciduous tree, *Phellinus nigricans* (FR.) P. KARST.; Dobele Distr., Silkalns, L. Zebrus, 05.10.2003 (2), deciduous f., on fallen deciduous tree *Trametes hirsuta* (WULFEN: FR.) PILÁT; Cēsis Distr., Līgatne, 11.07.2003 (13), mixed f., on logs on the ground *Trametes* sp.

81. ***Zercon triangularis*** C.L. KOCH, 1836

M: Ogre Distr., Ogre, Zilie Kalni, 18.10.2003 (1), coniferous f., on *Picea* sp. trunk *Fomes fomentarius* (L.: FR.) FR.

82. ***Zercon zelawaiensis*** SELLNICK, 1944

M: Cēsis Distr., L. Ilzes, 06.06.2003 (1), mixed f., on *Alnus* sp. *Fomes fomentarius* (L.: FR.) FR.; Cēsis Distr., L. Ilzes, 06.06.2003 (1), mixed f., on *Pinus* sp. *Fomitopsis pinicola* (SW.: FR.) P. KARST.

83. ***Zercon romagniolus*** SELLNICK, 1944

M: Ogre Distr., Ogre, Pārogre, Špakovska p., 11.04.2004 (1), on deciduous tree trunk *Fomitopsis pinicola* (SW.: FR.) P. KARST.

Uropodina

Uropodidae BERLESE, 1892

84. ***Dinychus septentrionalis*** (TRÄGÅRDH, 1943)

M: Alūksne Distr., Dēliņkalns, 09.08.2003, deciduous f., on fallen deciduous tree *Trichaptum abietinum* (J. DICKS.: FR.) RYVARDEN.

85. ***Dinychus woelkei*** HIRSCHMANN et ZIRNGIEBL-NICOL, 1969

M: Dobele Distr., hillfort Īles, 05.10.2003, deciduous f., on fallen *Tilia cordata Fomitopsis pinicola* (SW.: FR.) P. KARST.

86. ***Trichouropoda ovalis*** (C.L. KOCH, 1839)

M: Cēsis Distr., L. Ilzes, 06.06.2003, mixed f., on *Pinus sylvestris*, Alūksne Distr., bog Ašu, 08.08.2003, coniferous f., on *Pinus sylvestris*, Alūksne Distr., Ziemeri, 09.08.2003, mixed f., on deciduous tree, Limbaži Distr., Mantiņi, 21.08.2003, deciduous f., on rotting *Betula* sp., *Fomitopsis pinicola* (SW.: FR.) P. KARST.; Ogre Distr., Ogre, Pārogre, 25.05.2003, on *Tilia cordata*, Ogre Distr., Ogre, Pārogre, 09.12.2003, mixed f., on *Betula* sp. trunk, *Ganoderma applanatum* (PERS.) PAT.; Cēsis Distr., Nītaure, 01.08.2003, deciduous f., on *Alnus* sp. *Phellinus alni* (BONDARTSEV) PARMASTO; Alūksne Distr., Ziemeri, 09.08.2003, mixed f., on deciduous tree *Stereum hirsutum* (WILD.) S.F. GRAY.

87. ***Trichouropoda shcherbakae*** HIRSCHMANN, 1972

M: Rīga Distr., Saulkrasti, 31.07.2003, on deciduous tree trunk *Bjerkandera adusta* (WILLD.: FR.) P. KARST.; Dobele Distr., hillfort Īles, 05.10.2003, on fallen *Tilia cordata Fomitopsis pinicola* (SW.: FR.) P. KARST.

88. ***Uropoda orbicularis*** (O.F. MÜLLER, 1776)

M: Ogre Distr., Ogre, Pārogre, 25.05.2003, mixed f., on *Tilia cordata Ganoderma applanatum* (PERS.) PAT.

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