

Contributions to the Knowledge of Latvian Coleoptera. 7.

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Abstract: This paper contains information on 25 new (i.e. not included in Telnov 2004 and later faunal publications on Latvian fauna) and 102 little known and protected beetle species in Latvia, collected between 2003 and 2008. The material is stored in collectors' collections.

Key words: Coleoptera, Latvia, fauna, little-known species.

Introduction

Current publication is a result of faunal and ecological studies on Latvian Coleoptera, made by Latvian coleopterists in 1940-2008. The aim of the current work is to improve our knowledge on fauna and ecology of beetles in the Baltic region, with special accent made on poorly known, rare or protected items.

Twenty-five new and 102 little known or protected species of Coleoptera collected are cited for Latvia. Particular species are new to the whole Fennoscandian & Baltic region (i.e. not included in Silfverberg 2004, Telnov 2004 and later faunal publications).

Explanations: d. – district, num. – numerous individuals (more than 10), NP – National park, PNT - protected nature territory, sur. – surroundings, excr. - excrements. The number of specimens is given in parentheses after the date of collecting. Species new to the Latvian fauna are marked with an asterisk (*). Species protected in Latvia are marked with a "PS". Some of the abbreviations employed, namely d. & sur., are not standard English language abbreviations. Baltic region - means SE Baltics (Latvia, Estonia, and Lithuania). Taxa higher than subgenus are listed taxonomically according to Telnov (2004). Species and subspecific taxa are listed alphabetically.

List of Species

Carabidae

Carabus convexus convexus FABRICIUS, 1775
Rēzekne d., Rītiņi vill., 21.07.2007 (1) leg. M.Balalaikins.

Sericoda quadripunctata (DEGEER, 1774)
Rīga d., Garkalne sur., Jugla forestry squares No 273-274, 02.05.2008 (2), dry pine forest, leg. D.Telnov.

Calathus cinctus MOTSCHULSKY, 1850
Cēsis d., Taurene vill. sur., Lodes muiža (manor) sur., 11.07.2007 (1) mixed forest, leg. M.Kalniņš.
Third known locality in Latvia (cf. Barševskis 2003).

* *Harpalus honestus honestus* (DUFTSCHMID, 1812)
Dobele d., Auce, 20.05.1940 (1) xeric meadow, leg. A.Švolkovskis.
New species to the Fennoscandian and Baltic region, omitted by previous Latvian coleopterists.

Harpalus servus (DUFTSCHMID, 1812)
Both authors of most recent monographs on

Latvian ground beetles; considered this species to be very rare (Spuris 1983) to rare (Barševskis 2003). In reality, this species seems to be connected with dry pine forests on sandy soils and is quite common in N and E vicinities of Rīga.

List of known sites for this species discovered by the first author in Rīga and Rīga district (1998-2008): SE vicinities of Baltezers vill., Bukulti (Rīga city), Cekule vill., Garkalne and sur., Garciems, Jauncekle vill., Kalngale, Langstiņi, Silakrogs, Trīsciems (Rīga city), Zaķumuiža and sur. On each locality, numerous individuals were observed.

Harpalus pumilus STURM, 1818

Rīga d., Cekule vill., along the Rīga-Ērgļi railway, 17.05.2008 (7) xeric sandy habitat, leg. F.Kovalevsky & D.Telnov.

Uncommon species in Latvia, lives in the xeric sandy habitats.

* *Dromius laeviceps* MOTSCHULSKY 1850

Gulbene d., Pededzes lejtece PNT, N part, near Pededzes ozolu audze (oak forest), 10.06-05.07.2006 (3) mixed old oak forest, window trap („Polytrap”) on old standing oak (*Quercus robur*) growing in shaded conditions, leg. D.Telnov.

New species to the Baltic and Fennoscandian fauna. In Europe, well connected with primeval forests, hitherto was known from Belarus, Czech Republic, Poland and the S of European Russia. Latvian finding is from pristine oak forest.

Dytiscidae

Agabus wasastjernai (C.R.SAHLBERG, 1824)

Rīga d., Garkalne SE sur., Maltuves purvs peat bog, 02.05.2008 (2) small dystrophic waters, leg. D.Telnov.

Insufficiently known species in Latvia.

Graphoderus bilineatus (DEGEER, 1774) ^{PS}

Ogre d., between Ogre and Lēdmane, Ogresgals vill. N sur., Lake Tulku, 01.06.2008 (1) lake with *Stratiotes alodes* dominated as macrophytes, leg. D.Telnov; Madona d., Kārzdaba vill. sur., Lake Nesaules ezers, 06.06.2008 (1) leg. D.Telnov.

Two additional sites in Latvia (Kalniņš 2006).

Dytiscus latissimus LINNAEUS, 1758 ^{PS}

Valmiera d., Vaidava parish, Gauja NP, E side of Lake near Zaķi house, 08.2002 (1) leg. A.Mičulis; Jēkabpils d., Lake Piksteres, 27.05.2008 (1) leg. A.Poppels; Daugavpils d., Lake Marijas, 31.07.2008 (1) leg. A.Poppels.

Hydrophilidae

* *Cercyon subsulcatus* REY, 1885

Dobele d., Līvberze vill. sur., along the River Bērze, Līvberze moist mixed forest, 04.05.2006 (1) soil sample, leg. I.Salmane.

Helophoridae

Helophorus pumilio ERICHSON, 1837

Dobele d., Līvberze vill. sur., along the River Bērze, Līvberze moist mixed forest, 04.05.2006 (1) soil sample, leg. I.Salmane.

This species has been recently (Telnov et al. 2005) discovered in Latvia. Second known locality.

Histeridae

Hololepta plana (SULZER, 1776)

Rīga d., between Zaķumuiža and Nāģelmuiža vill., Jugla forestry square No 98, 10.05.2008 (1) under rotten *Populus tremula* bark, leg. D.Telnov.

Cylistrix angustata (HOFFMAN, 1803)

Rīga d., Zaķumuiža NE sur., Dzelzāmuri house sur., Jugla forestry square No 105, 01.05.2008 (1) clearing, under pine bark, leg. D.Telnov.

Hister funestus ERICHSON, 1834

Alūksne d., Veclaicene PNT, Lake Lielais Paikis ezers sur., 04.05.2007 (1) meadow, cow dung, leg. M.Kalniņš; Valka d., between Valka and Gaujiena, near River Gauja bridge, Marsi house sur., 06.05.2007 (1) meadow, fresh cow dung, leg. M.Kalniņš.

Carcinops pumilio (ERICHSON, 1834)

Rīga city, Āgenskalns, 14 Ormaņu Street, 22.07.2008 (1) in apartments, leg. Z.Pīpkalēja. This species is considered to be synanthropic in Latvia, with only few findings in the wild.

Plegaderus caesus (HERBST, 1792)

Limbaži d., Tūja NE sur., Melbārži vill., Mieriņi house sur., 25.05.2008 (1) mixed forest, under

oak bark, leg. D.Telnov & M.Kalniņš.

Gnathoncus buyssoni AUZAT, 1917

Rīga d., between Zaķumuiža and Skuķīši, Jugla forestry squares No 87-88, 01.05.2008 (3) dry pine forest, bird nests, leg. D.Telnov.

Saprinus aeneus (FABRICIUS, 1775)

Rīga city, Mežaparks, Rīga National Zoo, 09.05.2002 (2) on dead crow, leg. A.Napolov.

Saprinus planiusculus MOTSCHULSKY, 1849

Rīga city, Mežaparks, Rīga National Zoo, 09.05.2002 (1) on dead crow, leg. A.Napolov.

Ptiliidae

Ptenidium fuscicorne ERICHSON, 1845

Dobele d., Līvērze vill. sur., along the River Bērze, Līvērze moist mixed forest, 04.05.2006 (4) soil sample, leg. I.Salmane.
Third known finding in Latvia.

* *Ptinella limbata* (HEER, 1841)

Valmiera d., Mazsalaca sur., Silgaļu mežs (forest), 16.06.2006 (1) pine wood, under pine bark, leg. I.Salmane.

New species to Latvia. In the Fennoscandia and the Baltic region hitherto known from Denmark, Norway, Sweden, Finland and Lithuania (Silfverberg, 2004).

Acrotrichis atomaria (DEGEER, 1774)

Dobele d., Līvērze vill. sur., along the River Bērze, Līvērze moist mixed forest, 04.05.2006 (4) soil sample, leg. I.Salmane; Ogre d., between Ķegums and Glāžšķūnis vill., near Vecdzilnas house, 06.07.2006 (1) mixed forest, soil sample, leg. I.Salmane.

Very poorly known species in Latvia.

* *Acrotrichis rugulosa* ROSSKOTHEN, 1935

Limbaži d., Tūja NE sur., Melbārži vill., Mieriņi house sur., 19.08.2007 (1) mixed forest, on Boletidae Gen. sp. fungi, leg. M.Kalniņš.

New species to Latvia. Widespread species in Fennoscandia, in the Baltic region known also from Estonia (Silfverberg, 2004).

Colonidae

* *Colon puncticolle* KRAATZ, 1850

Rīga d., Stopiņi parish, Dzidriņas, Dārza iela 10,

05.08.2006 (1) moist meadow, in flight, leg. D.Telnov.

New species to Latvia. In the Fennoscandia and the Baltic region known from Norway, Sweden, Finland and Estonia (Silfverberg, 2004).

Cholevidae

* *Catops coracinus* KELLNER, 1846

Rēzekne d., Lake Lubāns bank near River Aiviekste, 2006.08. (1) leg. M.Balalaikins, A.Bukejs.

Staphylinidae

Emus hirtus (LINNAEUS, 1758)

Alūksne d., Jaunalūksne parish, Sauleskalni vill., 27.09.2008 (1) sandy biotope, leg. V.Ziņģis.

Velleius dilatatus (FABRICIUS, 1787)

Alūksne d., Ziemei vill., 19.07.2008 (1) inside *Vespa crabro* nest in hollow oak, old oak avenue (along the road to Ape), leg. D.Telnov.

Quedius persimilis MULSANT, REY, 1876

Liepāja d., Ziemeļi PNT, 22.10.2005 (1) sandy dune, soil sample, leg. V.Spuņģis.

Species recently discovered in Latvian fauna for the first time.

* *Othius volans* J.SAHLBERG, 1876

Ventspils d., Irbene vill., near the radio telescope building, 07.09.2006 (1) dry pine forest, soil sample, leg. I.Salmane.

New species to Latvia. In the Fennoscandia and the Baltic region known from Sweden, Finland, Russian Karelia and Estonia (Silfverberg, 2004).

Anotylus clavatus (STRAND, 1946)

Madona d., Vestiena PNT, Vestiena vill., northern bank of Lake Ilziņas, 30.06.2007 (1) lakeside, leg. D.Telnov.

Recently discovered species in Latvia (cf. Telnov et al. 2006), second known locality.

* *Phyllodrepa puberula* BERNHAUER, 1903

Ogre d., 10 km E Ogre, Kārļi vill., 20.04.2006 (2) on *Polyporus squamosus* sporophore on *Quercus robur*, leg. A.Napolov.

New species to Latvia. In the Fennoscandia and the Baltic region known from Denmark, Norway, Sweden, Finland, and Lithuania

(Silfverberg, 2004).

* *Carpelimus obesus* (KIESENWETTER, 1844)

Rīga d., Stopiņi parish, Dzidriņas vill., Dārza iela 10, 17.07.2007 (1) garden, UV light, leg. D.Telnov.

New species to Latvia. Distributed in the whole Fennoscandia and the Baltic region (Silfverberg, 2004).

* *Bryophacis rufus* (ERICHSON, 1839)

Rīga d., Ādaži PNT, between Kadaga vill. and Lilaste vill., valley of River Puska, 21.07.2007 (1) moist deciduous forest, leg. D.Telnov.

New species to Latvia. In the Fennoscandia and the Baltic region previously known only from Lithuania (Silfverberg, 2004). North border of main distribution area.

* *Tachyporus tersus* ERICHSON 1839

Limbaži d., Randu pļavas (meadows) PNT between Ainaži un Kuiviži vill., 24.07.2007 (1) Rīga Gulf coastal meadows, leg. A.Karpa.

New species to Latvia. In the Fennoscandia and the Baltic region known from Denmark, Norway, Sweden, Finland, and Estonia (Silfverberg, 2004).

* *Lithocharis nigriceps* KRAATZ, 1859

Valka d., Ēvele parish, Ķemere vill. near the manor, 05.05.2008 (1) park, leg. D.Telnov.

New species to Latvia. In the Fennoscandia and the Baltic region known from Norway, Sweden, Finland, Russian Karelia and Estonia (Silfverberg, 2004).

* *Oxypoda rufa* KRAATZ, 1856

Rīga d., Stopiņi parish, Dzidriņas vill., Dārza iela 10, 22.05.2007 (1) garden, in flight, leg. D.Telnov.

New species to Latvia. In the Fennoscandia and the Baltic region known only from Denmark, Sweden, and Estonia (Silfverberg, 2004).

Oxypoda soror THOMSON, 1855

Ventspils d., Ovīši PNT, Ovīši vill. sur. between car parking and the Baltic Sea coast, 07.09.2006 (2) coastal pine forest, soil sample, leg. I.Salmane.

This species has been recently discovered in Latvia for the first time (Telnov et al. 2007),

third known locality in Latvia.

Aloconota sulcifrons (STEPHENS, 1832)

Valmiera d., Salacas ieleja (valley) PNT, Mazsalaca sur., Silgaļi house sur., 11.10.2005 (1) pine forest, soil sample, leg. I.Salmane.

Recently discovered species in Latvia (Vorst et al. 2007), second known locality.

Gnypeta carbonaria (MANNERHEIM, 1830)

Limbaži d., Tūja sur., Melbārži vill., Mieriņi house sur., 01-13.05.2006 (1) deciduous forest, pitfall traps, leg. M.Kalniņš; Tukums d., Engure PNT, Mērsrags vill. near the lighthouse, 03.07.2006 (12) Rīga Gulf shore, coastal meadows, leg. D.Telnov.

Recently discovered species in Latvia (Vorst et al. 2007), locality in Melbārži vill. is the second known site for this species.

* *Dacryla fallax* (KRAATZ, 1856)

Tukums d., Engure PNT, Mērsrags vill. near the light tower, 03.07.2006 (1) Rīga Gulf shore, coastal meadows, leg. D.Telnov.

New species to Latvia. In the Fennoscandia and the Baltic region known from Denmark, Norway, Sweden, Finland, and Estonia (Silfverberg, 2004).

* *Thyasophila inquilina* (MÄRKEL, 1842)

Rīga city, Mangaļi peninsula, central part, 25.04.2007 (6) dry pine forest, under dry pine bark by small black *Lasius* sp. ants, leg. D.Telnov.

New species to Latvia. In the Fennoscandia and the Baltic region known from Denmark, Norway, Sweden, Finland, Russian Karelia and Estonia (Silfverberg, 2004).

Meotica exilis (KNOCH, 1806)

Dobele d., Līvberzes liekņa (moist forest) near River Bērze, 04.05.2006 (1) moist mixed forest, soil sample, leg. I.Salmane; Bauska d., between Bārbele vill. and Skaistkalne, ca. 6 km from Bārbele vill., 12.05.2006 (1) spruce forest, soil sample, leg. I.Salmane; Rīga d., Baldone, city edge on the road to Tome vill., 12.05.2006 (1) spruce forest, soil sample, leg. I.Salmane; Ogre d., Suntaži vill. sur. Near the cemetery (left side of the road), 06.07.2006 (1) mixed forest, soil sample, leg. I.Salmane.

Recently discovered species in Latvia.

* *Meotica pallens* (REDTENBACHER, 1849)

Rīga d., Ādaži NATURA2000 PNT, Ādaži military training area, between River Puska and Kadaga vill., 23.09.2006 (1) xeric sandy area, soil sample, leg. I.Salmane.

New species to the Baltic fauna. In the Fennoscandia it is known from the whole area (Silfverberg, 2004).

* *Microdota indubia* (SHARP, 1869)

Aizkraukle d., Staburags, Vīgante park, 25.07.2006 (1) on *Polyporus squamosus* sporophore on *Fraxinus excelsior*, leg. A.Napolov.

New species to the Baltic fauna. In the Fennoscandia it is hitherto known only from Denmark, Norway, and Sweden (Silfverberg, 2004).

* *Mycetota laticollis* (STEPHENS, 1832)

Jelgava d., Lielsesava sur., 04.05.2006 (1) mixed forest, soil sample, leg. I.Salmane; Limbaži d., Tūja sur., Melbārži vill., Mieriņi house sur., 19.08.2007 (1) mixed forest, on Boletidae Gen. sp. Fungi, leg. M.Kalniņš.

New species to Latvia. In the Fennoscandia and the Baltic region known from the whole area (Silfverberg, 2004).

Xenota myrmecobia (KRAATZ, 1856)

Ogre d., Ogre, Pārogre, 23.04.2006 (1) moist mixed forest, soil sample, leg. I.Salmane; Dobeles d., Zvārde PNT, 19.05.2006 (1) mixed forest, soil sample, leg. I.Salmane.

Recently discovered species in Latvia (cf. Telnov et al. 2006), third & fourth known localities.

Datomicra nigra (KRAATZ, 1856)

Rīga d., Piejūras PNT, Lilaste vill. sur., 05.09.2006 (1) pine forest, inside rotten pine wood, leg. I.Salmane.

Second known locality in Latvia.

* *Acrotona exigua* (ERICHSON, 1837)

Ogre d., banks of Lake Selēku, 01.08.2006 (1) soil sample (rotten plant material), leg. I.Salmane; Rīga d., Stopiņi parish, Dzidriņas vill., Dārza iela 10, 12.04.2008 (1) garden, soil sample, leg. D.Telnov.

New species to Latvia. In the Fennoscandia and the Baltic region known from the whole area, except for the Russian Karelia (Silfverberg, 2004).

Acrotona obfuscata (GRAVENHORST, 1802)

Ogre d., Ogre, Pārogre, Pagasta iela 8, 15.07-01.09.2003 (2) garden, window trap, leg. I.Salmane.

Recently discovered species in Latvia (cf. Vorst et al. 2007), second known locality.

Notothecta flavipes (GRAVENHORST, 1806)

Rīga d., Ulbroka sur., turn to Dzidriņas vill., 25.03.2007 (1) pine forest, nest of *Formica* sp. ants, leg. D.Telnov.

Insufficiently known species in Latvia.

Lyprocorrhe anceps (ERICHSON, 1837)

Rīga d., Ulbroka sur., turn to Dzidriņas vill., 25.03.2007 (1) pine forest, nest of *Formica* sp. ants, leg. D.Telnov.

Insufficiently known species in Latvia.

* *Holobus apicatus* (ERICHSON, 1837)

Ogre d., Ogre, near River Ogre power station, 26.11.2006 (1) moist deciduous forest, under bark of *Alnus* sp., leg. I.Salmane.

New species to Latvia. In the Fennoscandia and the Baltic region known from Denmark, Norway, Sweden, Finland, Russian Karelia and Estonia (Silfverberg, 2004).

Lucanidae*Dorcus parallelipipedus* (LINNAEUS, 1758)^{PS}

Valmiera d., Vaidava parish, Gauja NP, Oģēnu mežs (forest), 08.2002 (1) mixed forest, leg. A.Mičulis; Jelgava d., Jelgava, Svētes iela 35, 07.06.2008 (1), 17.06.2008 (2), 19.06.2008 (1), 01.07.2008 (1) urban area, leg. J.Gailis; Kuldīga d., Īvande, Īvandes muiža (manor), 26.07.2008 (1 body fragment) old park, hollow *Quercus robur*, leg. F.Kovalevsky & D.Telnov.

Trogidae*Trox sabulosus* (LINNAEUS, 1758)

Liepāja d., Embūte PNT, near Kļaviņi house, 04.05.2008 (1) edge of mixed forest, leg. M.Keiša.

Trox scaber (LINNAEUS, 1767)

Rīga d., between Zaķumuiža and Skuķīši, Jugla forestry squares No 87-88, 01.05.2008 (3) dry pine forest, bird nests, leg. D.Telnov.

Scarabaeidae

Aphodius nemoralis ERICHSON, 1848

Rīga d., between Zaķumuiža and Skuķīši, River Urga bank, Jugla forestry squares No 93-94, 95-97, 01.05.2008 (num.), mixed forest, inside fresh, moist moose excrements, leg. D.Telnov; Rīga d., Garkalne S sur., along the way to Mālpils, Jugla forestry squares No 30-32, 02.05.2008 (num.) pine forest, small clearing, inside fresh, moist moose excrements, leg. D.Telnov; Rīga d., Garkalne SE sur., W edge of Maltuves purvs peat bog, 02.05.2008 (5) peat bog, inside moist moose excrements, leg. D.Telnov; Ventspils d., Moricsala State Nature reserve, Lielalksnīte island on Lake Usmas, 04.06.2008 (2 fragments) mixed forest, dry moose excrements, leg. D.Telnov.

Oxythyrea funesta (PODA, 1761)

Valmiera d., Kauguri parish, 1 km from Kauguri direction Mūrmuiža, 07.2007 (2) on blooms, leg. Z.Vestfāls; Alūksne d., Kornei vill. E sur., roadside of Vidzeme highway near the Lake Mazais Paikis, 19.07.2008 (2) on blooms of *Filipendula ulmaria*, leg. F.Kovalevsky & D.Telnov; Daugavpils d., Laucese parish, Jaunkļaviņi house sur., 28.07.2008 (1) on blooms, leg. V.Vaņkovs.

Liocola lugubris (HERBST, 1786)^{PS}

Daugavpils d., Līksna parish, 2 km N Daugavpils, 12.08.2007 (excr.) inland dunes, edge of pine forest, hollow *Betula* sp., leg. A.Bukejs; Jēkabpils d., Ābeļi parish, Laši vill. sur., 03.06.2007 (1) cutting area, on tree sap, leg. M.Balalaikins; Ludza d., Gāgari vill. SW sur., 05.05.2007 (excr.) old clearing, hollow *Populus* sp., leg. A.Bukejs; Valmiera d., Jeri parish, Baltmuižas, 2007.08. (num. excr.) hollow *Malus* sp., dead hollow *Acer platanoides*, leg. anonymous; Liepāja d., Embūte PNT, near Kļaviņi house, 01.06.2008 (1) meadow, leg. M.Keiša; Talsi d., Roja NW sur., Vecvilki vill. sur., 03.09.2008 (num. excr.), hollow veteran *Quercus robur*, leg. I.Hoņavko; Valka d., Ēvele parish, Ķemere, manor's park,

05.05.2008 (2 larvae) hollow *Ulmus* sp., leg. D.Telnov.

Clambidae

Clambus gibbulus (LECONTE, 1850)

Rīga d., valley of River Tumšupe (left side) near Skuķīši vill., Jugla forestry square 75 patch 4, 01.05.2008 (1) coniferous forest, on old grains, leg. D.Telnov.

Insufficiently known species in Latvia.

Eucinetidae

Eucinetus haemorrhoidalis (GERMAR, 1818)

Rīga d., Stopiņi parish, Dzidriņas, Dārza iela 10, 04.07.2008 (1) moist meadow, in flight, leg. D.Telnov.

Insufficiently known species in Latvia.

Buprestidae

Chalcophora mariana mariana (LINNAEUS, 1758)^{PS}

Rīga city, Mangaļi peninsula, central part, 25.04.2007 (num. fragments, larvae) dry pine forest, leg. D.Telnov; Rīga d., Garkalne SE sur., surrounding of Maltuves purvs peat bog, Jugla forestry square No 21, 02.05.2008 (8 inhabited dead pine trees), dry pine forest, leg. D.Telnov.

Poecilonota variolosa variolosa (PAYKULL, 1799)

Rīga d., between Zaķumuiža and Skuķīši, between Kaktiņi and Sitkalne houses, Jugla forestry square No 105, No 103, 01.05.2008 (3 inhabited old standing *Populus tremula* trees), clearing & moist mixed forest, leg. D.Telnov; Cēsis d., Taurene sur., Lodes muiža (manor), SW banks of Lake Ilzes, 06.07.2008 (1) on *Populus tremula*, leg. M.Kalniņš; Cēsis d., Taurene sur., Lake Bānuža bank, 10.07.2008 (3 inhabited aspens), leg. M.Kalniņš.

Buprestis octoguttata LINNAEUS, 1758

Rīga city, Mangaļi peninsula, central part, 25.04.2007 (num. fragments, larvae) dry pine forest, leg. D.Telnov; Rīga d., Garkalne SE sur., surrounding of Maltuves purvs peat bog, Jugla forestry square No 21, 02.05.2008 (num. inhabited *Pinus sylvestris* trees), dry pine forest, leg. D.Telnov.

Anthaxia godeti GORY, LAPORTE DE CASTELNAU, 1839

Limbaži d., Tūja NE sur., Melbārži vill., Mieriņi house sur., 25.05.2008 (1) edge of mixed forest, on blooms of Asteraceae, leg. D.Telnov & M.Kalniņš.

Agrilus biguttatus (FABRICIUS, 1776)

Rīga d., between Zaķumuiža and Nāģelmuiža vill., Jugla forestry square No 98, 10.05.2008 (3 larvae) mixed oak forest, under dry bark of old standing *Quercus robur*, leg. D.Telnov; Rīga d., Doles sala (island), Dole PNT, hollow noble tree (*Quercus robur*) near Taurītes house, 23.08.2008 (1), leg. D.Telnov.

Lampyridae

Phosphaenus hemipterus (GEOFFROY, 1762)

Rīga d., between Zaķumuiža and Nāģelmuiža vill., Jugla forestry square No 98, 10.05.2008 (1) mixed oak forest, leg. D.Telnov.

Dermestidae

Trogoderma angustum (SOLIER, 1849)

Ogre d., Ogre, Pārogre, Pagasta iela 8, 01-04.06.2006 (1) in apartments, leg. I.Salmane.

Trogoderma glabrum (HERBST, 1783)

Rīga d., Stopiņi parish, Dzidriņas, Dārza iela 10, 07.07.2006 (1) in apartments, leg. D.Telnov.

Rare species in Latvia.

Megatoma undata undata (LINNAEUS, 1758)

Rīga d., between Zaķumuiža and Nāģelmuiža vill., Jugla forestry square No 98, 10.05.2008 (1) mixed forest, on bark of veteran *Pinus sylvestris*, leg. D.Telnov.

Reesa vespulae (MILLIRON, 1939)

Rīga city, Lāčplēša iela 70B, 02.07.2008 (1) in apartments, leg. D.Telnov.

Second known locality in Latvia (Telnov et al. 2005).

Anthrenus olgae KALÍK, 1946

Ogre d., Ogre, Pārogre, Pagasta iela 8, 01-04.06.2006 (1) garden, leg. I.Salmane.

Anobiidae

Xestobium rufovillosum (DEGEER, 1774)

Ventspils d., Ances purvi un meži (mires and

woods) PNT, southern part, 22.06.2008 (1) leg. V.Spunģis.

Trogossitidae

Peltis grossa (LINNAEUS, 1758)

Rīga d., between Zaķumuiža and Skuķīši, River Urga bank, Jugla forestry square No 93-94, 01.05.2008 (1) moist mixed forest, under dry *Alnus glutinosa* bark, leg. D.Telnov; Rīga d., Garkalne SE sur., Jugla forestry square No 33, way to Maltuves purvs peat bog, 02.05.2008 (3) mixed forest, inside rotten *Betula pendula* trees, leg. D.Telnov; Rīga d., Garkalne SE sur., Jugla forestry square 29, 02.05.2008 (1) mixed forest, leg. D.Telnov; Rīga d., Garkalne SW sur., valley of River Krievupe, Jugla forestry square No 39, moist deciduous forest, 24.05.2008 (3) under bark of *Alnus glutinosa* trees, leg. D.Telnov; Ventspils d., Sārnates purvs (bog) PNT, SE sur. of Lake Sārnates, 31.05.2008 (3) moist deciduous forest, on dead stumps of *Alnus glutinosa*, leg. D.Telnov; Ogre d., Ogre N sur., stream between two ponds (Norupes dīķi), 01.06.2008 (1) moist alder forest, under dry bark of *Alnus glutinosa*, leg. D.Telnov; Gulbene d., Sitas un Pededzes palīene (floodplain) PNT, left bank of River Sita near Grīvas house, 07.06.2008 (1) on bark of old standing *Quercus robur*, leg. M.Lielkalns.

Nemozoma elongatum (LINNAEUS, 1761)

Ogre d., Ogre, near railway station "Pārogre", 05.06.2008 (1) flying at edge of mixed forest, leg. I.Salmane.

Very rare and insufficiently known species in Latvia, a single record for more than 50 years.

Nitidulidae

Pocadius ferrugineus (FABRICIUS, 1783)

Rīga d., Bajārkrogs (near the way from Rīga to Ērgļi, at the gasoline supply station), 25.08.2008 (1) pine forest, inside fresh *Lycoperdon* sp. fungi, leg. K.Greķe.

Cychramus variegatus (HERBST, 1792)

Cēsis d., Sērmūkši, valley of River Sērmūkšupe, 08.07.2008 (1) mixed forest, leg. M.Kalniņš.

Pria dulcamarae (SCOPOLI, 1763)

Liepāja d., Papes ezers (lake) PNT, northern area (paddock), 17.06.2005 (num.) moist

meadow, on *Solanum* sp., leg. D.Telnov; Ventspils d., Sārnates purvs (bog) PNT, SE sur. of Lake Sārnates, 31.05.2008 (2) moist deciduous forest, on *Solanum* sp., leg. D.Telnov.

Insufficiently known species in Latvia.

Cybocephalus politus (Gyllenhal, 1813)

Rīga city, Āgenskalns, Ormaņu iela 14, 17.08.2008 (1) garden, on sap of *Malus domestica*, leg. D.Telnov.

Very poorly known species in Latvia, the third known locality.

Eucnemidae

Microrhagus lepidus ROSENHAUER, 1847

Alūksne d., between Alūksne and Ziemeļi, River Vaidava valley near the bridge, 19.07.2008 (1) on trunk of freshly dead *Populus tremula*, leg. D.Telnov; Alūksne d., between Ziemeļi and Korņeti, N sur. of Lake Veclaicene, 19.07.2008 (1) under rotten bark of fallen *Acer platanoides*, on mycelium of *Laetiporus sulphureus* polypore, leg. D.Telnov.

Only 4 localities have been previously known for this species in Latvia.

Trixagidae

* *Trixagus duvali* (BONVOULOIR, 1859)

Rīga d., Stopiņi parish, Dzidriņas, 17.07.2007 (1) moist meadow, in flight, leg. D.Telnov.

New species for the Baltic States. In Fennoscandia hitherto recorded from Denmark, Sweden and Finland (Silfverberg 2004).

Trixagus meybohmi LESEIGNEUR, 2005

Ogre d., Ogre, Pārogre, Pagasta iela 8, 15.07-01.09.2003 (2) garden, window trap, leg. I.Salmane.

Very recently discovered species in Latvia (Telnov et al. 2007), second known locality.

Silvanidae

Dendrophagus crenatus (PAYKULL, 1799)

Rīga city, Mangaļi peninsula, central part, 25.04.2007 (1) dry pine forest, under pine bark, leg. D.Telnov; Rīga d., Garkalne sur., Jugla forestry squares No 273-274, 02.05.2008 (3), dry pine forest, under pine bark, leg. D.Telnov; Rīga d., Nāgelmuiža vill. NW sur., Jugla forestry square No, 10.05.2008 (1) old clearing

on edge of raised bog, under pine bark, leg. D.Telnov.

Ahasverus advena (WALTZ, 1834)

Rīga d., Stopiņi parish, Dzidriņas, Dārza iela 10, 12.08.2008 (1) moist meadow, in flight, leg. D.Telnov.

Very insufficiently known, rare species in Latvia.

Silvanus bidentatus (FABRICIUS, 1792)

Daugavpils d., Līksna parish, 3 km N Daugavpils, 17.07.2007 (1) inland dunes, leg. A.Bukejs; Rīga d., Zaķumuiža NE sur., Dzelzāmuri house sur., Jugla forestry square No 105, 01.05.2008 (1) under bark, leg. D.Telnov.

Silvanoprus fagi (GUÉRIN-MÉNEVILLE, 1844)

Rīga d., between Zaķumuiža and Skuķīši, between Kaktiņi and Sitkalne houses, Jugla forestry squares No 102-103, 01.05.2008 (1) dry pine forest, leg. D.Telnov; Rīga d., Doles sala (island), Dole PNT, near the Daugava Museum, Dole noble oak, 23.08.2008 (1) under bark, leg. D.Telnov.

Monotomidae

Monotoma angusticollis GYLLENHAL, 1827

Rīga city, Mangaļi peninsula, central part, 25.04.2007 (1) dry pine forest, nest of *Formica* sp. ants, leg. D.Telnov.

Cryptophagidae

Cryptophagus lycoperdi (SCOPOLI, 1763)

Rīga d., Gauja NP, Krimulda, Krimulda park, 09.08.2007 (1) light trap, leg. D.Telnov.

Insufficiently known species in Latvia, with less than 5 recent findings.

* *Cryptophagus pubescens* STURM, 1845

Rīga d., Gauja NP, Krimulda, Krimulda park, 09.08.2007 (1) light trap, leg. D.Telnov.

New species to Latvian fauna. In the Baltic region and Fennoscandia, hitherto recorded from Denmark, Norway, Sweden, Finland and Lithuania (Silfverberg 2004).

* *Atomaria vespertina* MÄKLIN, 1852

Rīga d., Stopiņi parish, Dzidriņas, Dārza iela 10, 22.05.2006 (1) moist meadow, in flight, leg. D.Telnov (det. G.Lyubarski).

Nearctic species, for the first time recorded from the Baltic States and Fennoscandia. Possibly introduced from North America.

* *Atomaria wollastoni* SHARP, 1867

Rīga d., Stopiņi parish, Dzidriņas, Dārza iela 10, 18-19.05.2006 (4) moist meadow, in flight, leg. D.Telnov.

New species for the Baltic States, widely distributed in Fennoscandia and Russian Karelia (Silfverberg 2004).

Erotylidae

Triplax rufipes (FABRICIUS, 1775)

Ludza d., Isnauda parish, Gagari vill. sur., 15.07.2006 (2) edge of mixed forest, inside sporophore (Gen. sp.) on rotten *Betula pendula* trunk, leg. A.Bukejs; Limbaži d., Randu pļavas coastal meadows PNT near Ainaži, 07.06.2008 (1) coastal meadows, on branches of young *Betula pendula*, leg. D.Telnov.

Zopheridae

Synchita humeralis (FABRICIUS, 1792)

Limbaži d., Tūja NE sur., Melbārži vill., near Mieriņi house, 25.05.2008 (num.) moist mixed forest, on dry standing thin *Alnus incana* tree, leg. D.Telnov; Cēsis d., Gauja NP, Cēsis N sur., oxbows Lenči, 21.06.2008 (num.) moist deciduous forest, on thin standing *Alnus incana* trunks, leg. D.Telnov.

Mycetophagidae

Mycetophagus fulvicollis FABRICIUS, 1792

Rīga city, Āgenskalns, Ormaņu iela 14, 21.08.2008 (1) in apartments, leg. Z.Pīpkalēja.

Rare species in Latvia, with less than 10 recent findings.

Mycetophagus piceus (FABRICIUS, 1776)

Limbaži d., Tūja NE sur., Melbārži vill., Mieriņi house sur., 25.05.2008 (1) mixed forest, under oak bark, leg. D.Telnov & M.Kalniņš.

Typhaea stercorea (LINNAEUS, 1758)

Daugavpils d., Daugavpils, 22.08.2005 (2) in apartments, leg. A.Bukejs; Rīga d., valley of River Tumšupe (left side) near Skuķīši vill., Jugla forestry square No 75, 01.05.2008 (5) coniferous forest, on old grains, leg. D.Telnov.

Tetratomidae

Hallomenus axillaris (ILLIGER, 1807)

Rīga d., Gauja NP, Krimulda, Krimulda park, 09.08.2007 (1) rotten *Fraxinus excelsior* wood, leg. D.Telnov.

Rare species in Latvia.

Hallomenus binotatus (QUENSEL, 1790)

Cēsis d., Taurene sur., Lodes muiža (manor), 07.07.2008 (1) attracted to white light, leg. M.Kalniņš.

Very insufficiently known species in Latvia with only 4 hitherto known localities (cf. Telnov et al. 2006, 2007).

Abdera flexuosa (PAYKULL, 1799)

Ventspils d., Moricsala Nature Reserve, Moricsala Island, 03.06.2008 (8 imago, 13 larvae) moist & very old alder (*Alnus glutinosa*) wood, inside old & dry *Inonotus radiatus* sporophores, leg. K.Greķe, M.Kalniņš & D.Telnov.

This insufficiently known species has not yet been recorded from the territory of Moricsala Nature Reserve (cf. Jansson 2002, Barševskis, unpublished information).

Wanachia triguttata (GYLLENHAL, 1810)

Ogre d., Ogre, Pārogre, Pagasta iela 9, leg. I.Salmane. Hatched from larvae collected in 02.03.2008 in the mixed forest from rotten wood of *Picea abies* overgrown with mycelia and fruit bodies of *Trichaptum abietinum*.

Insufficiently known species in Latvia with less than 5 known recent localities (cf. Telnov et al. 2005).

Melandryidae

Melandrya caraboides (LINNAEUS, 1761)

Talsi d., Slītere NP, Slītere vill., 27.06.2008 (1) deciduous forest, leg. V.Spungis.

Xylita laevigata (HELLENIIUS, 1786)

Daugavpils d., Līksna parish, 2 km N Daugavpils, 26.04.2007 (1) inland dunes, pine forest, leg. A.Bukejs.

Rhipiphoridae

Metoecus paradoxus (LINNAEUS, 1761)

Rīga city, on K.Valdemāra Street between Stabu and Bruņinieku Street, 17.09.2008 (1) on

pavement, leg. D.Telnov.

Actually very poorly known species in Latvia with less than 10 known recent finding. Considered to be widely distributed and common in Latvia, but hitherto collected rarely because of specific biology.

Meloidae

Meloe brevicollis PANZER, 1793

Ludza d., Rundēni, 10.05.2008 (4) edge of mixed forest, one specimen on *Taraxacum* sp., leg. A.Bukejs; Rēzekne d., Lendži parish, ca. 5 km NE Rēzekne, 25.05.2007 (1) leg. M.Balalaikins.

Meloe violaceus MARSHAM, 1802

Liepāja d., Embūte PNT, near Kļaviņi house, 26.04.2008 (1) meadow, leg. M.Keiša.

Aderidae

Anidorus nigrinus (GERMAR, 1831)

Tukums d., Engures dabas parks PNT, Bērziems sur., meadows of the Lake Engures, 19.06.2007 (1) leg. K.Vilks.

Insufficiently known but widely distributed species in Latvia.

Tenebrionidae

Prionychus ater (FABRICIUS, 1775)

Valmiera d., Vaidava parish, Gauja NP, at Spriču (Baldiešu) veteran oak (*Quercus robur*) ca. 1 km E from Zviedru priedes (pine), 2007 (1) hollow oak, leg. A.Opmanis; Kuldīga d., Īvande, Īvandes muiža (manor), 26.07.2008 (1) old park, hollow *Quercus robur*, leg. D.Telnov; Rīga d., Doles sala (island), Dole PNT, hollow noble oak (*Quercus robur*) near Taurītes house, 23.08.2008 (1 larva), leg. D.Telnov.

Mycetochara axillaris (PAYKULL, 1799)

Kuldīga d., Īvande, Īvandes muiža (manor), 26.07.2008 (1) old park, in hollow of *Tilia cordata*, leg. D.Telnov.

Pseudocistela ceramboides (LINNAEUS, 1758)

Ventspils d., Ances purvi un meži (mires and woods) PNT, southern part, 22.06.2008 (1) leg. V.Spunģis.

Blaps mortisaga (LINNAEUS, 1758)

Limbaži d., Tūja NE sur., Melbārži vill., Mieriņi

house, 11.07.2008 (1); 13.07.2008 (1); 06.12.2008 (3); 13.12.2008 (1) inside house build in 1940-s, leg. Z.Pīpkalēja & M.Kalniņš. Interesting, that imago of this species are active also in a cold time of December.

* *Palorus ratzeburgi* (WISSMAN, 1848)

Daugavpils d., Līksna parish, 3 km N Daugavpils, 17.07.2007 (1) inland dunes, edge of pine forest, under bark of rotten *Betula* sp., leg. A.Bukejs.

New species to Latvian fauna. In the Baltic region and Fennoscandia, hitherto recorded from Denmark (natural habitats), as also from Sweden, Russian Karelia and Lithuania (as imported species) (Silfverberg 2004). In Latvia, this species has been collected in the natural habitats.

Neomida haemorrhoidalis (FABRICIUS, 1787)

Ogre d., Ogre, Pārogre, 22.04.2008 (1) mixed forest, inside rotten birch wood, leg. I.Salmane; Rīga d., Garkalne SE sur., Jugla forestry square No 33, way to Maltuves purvs peat bog, 02.05.2008 (num.) mixed forest, inside *Fomes fimentarius* sporophores on dead rotten *Betula pendula*, leg. D.Telnov; Limbaži d., Umurga parish, SW edge of Nesaules purvs (bog), 31.10.2008 (1) inside inside *Fomes fimentarius* sporophore on dead rotten *Betula pendula*, leg. M.Kalniņš.

Pentaphyllus testaceus (HELLWIG, 1792)

Rīga d., Gauja NP, Nurmiži vill. near the pond, 26.04.2008 (1) deciduous forest, inside rotten wood of *Fraxinus excelsior*, leg. D.Telnov.

Insufficiently known species in Latvia, third known locality.

Cerambycidae

Prionus coriarius (LINNAEUS, 1758) ^{PS}

Valmiera d., Vaidava parish, Gauja NP, Oģēnu mežs (forest), 08.2002 (1) mixed forest, leg. A.Mičulis; Daugavpils d., Svente sur., 2 km from Egļu kalns (hill), Ezeriņi house, 10.07.2007 (1) edge of deciduous forest, leg. J.Dievapēds.

Nothorhina muricata (DALMAN, 1817) ^{PS}

Alūksne d., Ape, meadow near Raganu cliffs, 03.11.2007 (three inhabited *Pinus sylvestris*

trees), leg. M.Kalniņš; Rīga d., Garkalne sur., Jugla forestry squares No 14, 20, 273-274, 02.05.2008 (ten inhabited *Pinus sylvestris* trees), dry pine forest, leg. D.Telnov; Rīga d., between Zaķumuiža and Nāģelmuiža vill., Jugla forestry square No 98, 10.05.2008 (single inhabited *Pinus sylvestris* tree) mixed forest, leg. D.Telnov; Rīga d., Garkalne S sur., near Lake Asaru, Jugla forestry square No 42, 24.05.2008 (single inhabited *Pinus sylvestris* tree), pine forest, leg. D.Telnov; Dobeļe d., Tērvete PNT, Tērvete sur. at the water reservoir Gulbju, 25.06.2008 (one inhabited *Pinus sylvestris* tree) leg. J.Gailis; Tukums d., Plieņciema kāpa (dune) PNT, Plieņciems, 10.07.2008 (1 and three inhabited *Pinus sylvestris* trees), leg. J.Gailis.

Rhamnusium bicolor (SCHRANK, 1781)^{PS}
Rīga city, Pārdaugava, Meža iela 1, 19.06.2008 (1) old avenue, leg. F.Kovalevsky.

Stenocorus meridianus (LINNAEUS, 1758)
Dobeļe d., Tērvete PNT, Tērvete sur., 15.06.2008 (1) on Umbellifera blooms, leg. J.Gailis.

Brachyta interrogationis interrogationis (LINNAEUS, 1758)
Ventspils d., Ances purvi un meži (mires and woods) PNT, southern part, 22.06.2008 (1) leg. V.Spunģis.

Strangalia attenuata (LINNAEUS, 1758)
Tukums d., Lestene parish, Riesta-Džūkstenes purvs (bog) PNT, 18.07.2008 (1) on Umbellifera blooms, leg. J.Gailis.

Stenurella bifasciata bifasciata (O.F.MÜLLER, 1776)
Dobeļe d., Lielaucē parish, Počas house sur., 11.07.2008 (1) on Umbellifera blooms, forest edge, leg. J.Gailis.

Necydalis major LINNAEUS, 1758^{PS}
Rīga d., between Zaķumuiža and Skuķīši, River Urga bank, Jugla forestry squares No 93-94, 01.05.2008 (num. inhabited dead standing *Alnus glutinosa* trees), moist mixed forest, leg. D.Telnov; Rīga d., Garkalne SE sur., surrounding of Maltuves purvs peat bog, Jugla

forestry square No 35, 02.05.2008 (num. in dead standing *Alnus glutinosa* & *Betula pendula* trees), moist mixed forest, leg. D.Telnov; Rīga d., between Zaķumuiža and Nāģelmuiža vill., Jugla forestry square No 98, 10.05.2008 (2 fragments) mixed oak forest, under dry bark of dead standing *Alnus* sp., leg. D.Telnov; Rīga d., Garkalne SW sur., valley of River Krievupe, Jugla forestry square near border of squares No 40 & 59, moist deciduous forest, 25.05.2008 (1 fragment) under bark of *Alnus glutinosa* tree, leg. D.Telnov; Alūksne d., Ziemeļi, 19.07.2008 (1) inside oak hollow, old oak avenue (along the road to Ape), leg. D.Telnov.

Pogonocherus decoratus FAIRMAIRE, 1855

Daugavpils d., Līksna parish, 3 km N Daugavpils, 19.05.2007 (1) inland dunes, edge of pine forest, on fresh pine stump, leg. A.Bukejs.

Anthribidae

Platystomus albinus (FABRICIUS, 1758)

Rīga d., between Zaķumuiža and Skuķīši, between Kaktiņi and Sitkalne houses, Jugla forestry squares No 102-103, 01.05.2008 (1) mixed forest, on old *Alnus glutinosa* stumps, leg. D.Telnov; Rīga d., between Zaķumuiža and Skuķīši, River Urga bank, Jugla forestry squares No 93-94, 01.05.2008 (1), moist mixed forest, on *Alnus* sp. logs, leg. D.Telnov.

Curculionidae

Rhyncholus elongatus (GYLLENHAL, 1827)

Talsi d., Slīteres NP, Kolka sur., Bažu purvs peat bog, 31.05.2007 (6) burnt pine forest, leg. M.Kalniņš.

Scolytidae

Polygraphus punctifrons THOMSON, 1886

Rīga city, Eksporta iela 5, 10.04.2007 (2) in apartments, leg. M.Kalniņš

Dryocoetes hectographus REITTER, 1913

Gulbene d., Pededzes lejtece PNT, between Gulbene-Rēzekne road and River Audīle, 21.05.2005 (num.) deciduous forest, in flight (sweeping from car), leg. D.Telnov; Gulbene d., Pededzes lejtece PNT, N part, near Pededzes ozolu audze (oak forest), 10.06-05.07.2006 (1) mixed old oak forest, window trap („Polytrap”) on old standing *Quercus robur* growing in

shaded conditions, leg. D.Telnov; Daugavpils d., Daugavpils W sur., Lake Ļubasts NE sur., 29.06.2006 (1) on freshly cut *Picea abies*, leg. D.Telnov; Talsi d., Slītere NP, Kolka, Kolkasrags, 30.05.2007 (1) Rīga Gulf shore, leg. M.Kalniņš.

Dryocoetes villosus (FABRICIUS, 1792)

Gulbene d., Pededzes lejtece PNT, N part, near Pededzes ozolu audze (oak forest), 10.06-05.07.2006 (1) mixed old oak forest, window trap („Polytrap”) on old standing *Quercus robur* growing in shaded conditions, leg. D.Telnov.

Trypophloeus palmi HANSEN, 1955

Limbaži d., Tūja sur., Melbārži vill., near Mieriņi house, 13-16.05.2007 (1), window trap, leg. M.Kalniņš.

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Kopsavilkums

Rakstā apkopota informācija par 25 Latvijas faunai jaunām vaboļu sugām, kā arī

sniegtas ziņas par 102 mazpazīstamām vai īpaši aizsargājamām sugām, kas ievāktas laika posmā no 1940. līdz 2008. gadam.

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