

Contributions to the Knowledge of Latvian Coleoptera. 4.

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Abstract: Forty-seven new and 205 little-known species of Coleoptera collected between 1954 and 2005 are cited for Latvia. Some of these species are new to the whole Fennoscandian & Baltic region.

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

This paper contains information on 47 new and 205 little-known beetle species in Latvia, collected between 1954 and 2005. The material is stored mainly in the authors' collections in Rīga.

The abbreviations employed, namely d., env., excr., fr., num., vill. are not standard English language abbreviations.

Explanations: d. – district, env. – environ, excr. – larval excrement, fr. – skeletal fragments of beetles, NP – National Park, NR – Nature reserve, num. – numerous individuals, PNT - Protected Nature territory, vill. – village. The number of specimens is given in brackets after the date of collecting. Species new to the Latvian fauna are marked with an asterisk (*). Species officially protected in Latvia are marked with a "PS".

List of Species

Sphaeriusidae

Sphaerius acaroides WALTL, 1838

Valka d., Sedas purvs PNT, Sedas peat bog, 18.05-14.06.2003 (2) burnt area, pitfall trap, leg. V.Spunģis.

Carabidae

Carabus (Limnocarabus) clathratus clathratus LINNAEUS, 1761

Limbaži d., Randu pļavas PNT, Kuiviži vill., 31.05-14.06.2004 (1) wet meadow,

yellow water trap, leg. K.Vilks; Talsi d., Engures ezers Nature park, Mērsrags vill., 11.07-26.07.2004 (2) wet meadow, yellow water trap, leg. K.Vilks.

Carabus (Carabus) menetriesi menetriesi HUMMEL, 1827^{PS}

Talsi d., Slīteres NP, Slītere vill. at lighthouse, 14.06.2003 (1) moist mixed forest, leg. C.Fägerström; 09.07.2004 (1) moist deciduous forest, leg. D.Telnov.

Carabus (Hemicarabus) nitens LINNAEUS, 1758^{PS}

Tukums d., Engures ezers Nature park, Bērziems, 10.06.1993 (1) Rīga Gulf coastal meadows, leg. F.Savičs; Rīga d., Gaujas NP, Sudas-Zviedru purvs peat bog, N bank of lake Zviedru, 26.05-24.06.2001 (2) burnt area, pitfall trap, leg. V.Spuņģis.

Carabus (Tomocarabus) convexus convexus FABRICIUS, 1775

Liepāja d., Ziemeļu PNT, Akmeņrags lighthouse, 15.05-15.06.2001 (4) grey dune, pitfall trap, leg. J.Gailis.

* *Bembidion (Emphanes) minimum* (FABRICIUS, 1792)

Gulbene d., Pededzes lejtece PNT, River Pededze valley at the bridge (highway from Lubāna to Balvi), 18.05.2003 (4) leg. A.Napolov.

* *Tachys (Paratachys) micros* FISCHER-WALDHEIM, 1828

Rīga city, Ķengarags, River Daugava valley at the factory "Sarkanais kvadrāts", 29.05.2003 (1) leg. A.Napolov.

* *Harpalus (Semiophonus) signaticornis* (DUFTSCHMID, 1812)

Rīga city, Daugavgrīva PNT, Daugavgrīva, 30.05.2003 (4) Rīga Gulf shore, in drifts, leg. A.Napolov; Rīga d., Ķemeri NP, Ķemeru Lielais tīrelis peat bog, 16.05-13.06.2003 (1) pitfall trap, leg. V.Spuņģis.

Ophonus (Metoponus) schaubergerianus PUEL, 1937

Rīga d., Doles salas Nature park, Doles sala island, 28.06.2003 (1) leg. R.Matrozis.

Stenolophus teutonius (SCHRANK, 1781)

Rīga d., Dāvji vill., 02.07.2000 (1) pitfall trap, leg. U.Piterāns; 09.05.2001 (1) garden, under stone, leg. U.Piterāns; 11.05.2003 (num.) garden, under barrel, leg. U.Piterāns.

Agonum (Agonum) hypocrita (APFELBECK, 1904)

Talsi d., Engures ezers Nature park, W shore of Lake Engures, 14.06.2003 (num.) damp meadow, leg. C.Fägerström.

Sericoda quadripunctata (DEGEER, 1774)

Rīga d., between Jauncekle vill. and Ķīvuļi railway station, 09.04.1994 (num.) freshly burnt area in coniferous forest on burnt pine and spruce stumps and trunks and on soil, leg. D.Telnov; Rīga d., Ķemeri NP, Ķemeru Lielais tīrelis peat bog, 28.04-27.05.2001 (1) burnt area, pitfall trap, leg. V.Spuņģis; Rīga d., Gaujas NP, Sudas-Zviedru purvs peat-bog, N bank of Lake Zviedru, 26.05-24.06.2001 (2) burnt area, pitfall trap, leg. V.Spuņģis.

Demetrias (Demetrias) atricapillus (LINNAEUS, 1758)

Tukums d., Engures ezers Nature park, Bērziems env., 14.08.2002 (1) leg. A.Karpa.

Paradromius (Paradromius) longiceps (DEJEAN, 1826)

Tukums d., Engures ezers Nature park, Bērzciems env., 08.07.2002 (1) leg. A.Karpa.

Haliplidae

Brychius elevatus (PANZER, 1793)^{PS}

Talsi d., River Roja at Žocene vill., 08.11.2003 (2) leg. M.Kalniņš.

Haliplus confinis STEPHENS, 1828

Cēsis d., Cēsis 1 km env., small pond in the glen Kazugrava, 16.11.1997 (1) leg. M.Kalniņš.

Dytiscidae

Deronectes latus (STEPHENS, 1829)^{PS}

Valka d., River Rauzas by the bridge, "Dēļu sils" forest, 11.06.2004 (1) leg. D.Teļnov; Cēsis d., River Pērļupe at Ieriķi, 25.10.2004 (num.) in pool dammed by beaver (*Castor fiber*), leg. M.Kalniņš.

Ilybius similis THOMSON, 1856

Dobele d. Vīķu purvs PNT, Lielaucē env., 03.04-17.04.1999 (1); 17.04-01.05.1999 (1); 12.06-26.06.1999 (1); 24.07-07.08.1999 (num.); 07.08-21.08.1999 (3); 21.08-04.09.1999 (2); 18.09-02.10.1999 (6); 02.10-16.10.1999 (1); 16.10-30.10.1999 (1) all in oak forest pitfall trap, leg. J.Gailis.

Rhantus incognitus SCHOLZ, 1927

Gulbene d., Līgo vill., 21.05.1997 (2); 23.06.1997 (3); 03.08.1997 (1); 11.08.1997 (1); 12.08.1997 (5); 14.08.1997 (num.) all in small river at Lake Ušuri, leg. K.Vilks.

Rhantus suturellus HARRIS, 1828

Gulbene d., Līgo vill., 13.08.1996 (1) small shaded pool, leg. K.Vilks.

Graphoderus bilineatus (DEGEER, 1774)

Rīga d., Lake Ummeru near River Lorupe, 27.05.2001 (1) brownwater lake, leg. M.Kalniņš; Madona d., Lake Ilziņš near Vestiena, 13.06.2000 (1) leg. A.Poppels.

Cybister (Melanectes) lateralimarginalis lateralimarginalis (DEGEER, 1774)

Rīga d., Doles salas Nature park, Doles sala island, 05.05.2001 (2) eutrophic pool, leg. K.Vilks; Rīga d., Lake Lilastes and Lake Dzirnezers, 26.05.2004 (1) leg. M.Kalniņš.

Dytiscus latissimus LINNAEUS, 1758^{PS}

Saldus d., Gaiķu parish, Tīdu pond, 30.07.2004.(1) leg. A.Laubergs.

Dytiscus semisulcatus O.F. MÜLLER, 1776

Liepāja d., Ziemupe vill., 16.04.2001 (1) small pool at the Baltic seacoast, leg. K.Vilks.

Hydaticus aruspex CLARK, 1864

Dobele d., Lake Lielaucē, 22.04.2000 (1) leg. M.Kalniņš; Gulbene d., Pededzes lejtece PNT, ox-bow near Upmalieši houses, 15.08.2001 (1) leg. V.Spunģis.

Helophoridae*Helophorus (Kypohelophorus) tuberculatus* GYLLENHAL, 1808

Rīga d., Ķemeri NP, Ķemeri Lielais tīrelis peat bog, 16-30.04.2000 (num.) burnt area pitfall trap, leg. V.Spunģis.

Histeridae*Hololepta plana* (SULZER, 1776)Gulbene d., Mālmuiža vill., 08.05.2002 (2) mixed forest, under the bark of Aspen (*Populus tremula*), leg. K.Vilks; Madona d., Lubāna, 15.09.2002 (1) mixed forest, under the bark of Aspen (*Populus tremula*), leg. K.Vilks; Ogre d., ~1 km N Ikšķile, 08.05.2004 (1) under bark of fallen Aspen (*Populus tremula*), leg. U.Piterāns; Rīga d., Dāvji vill., 25.06.2004 (2) on fallen Aspen (*Populus tremula*) trunks in cutting area, leg. U.Piterāns.*Cylistrix lineare* (ERICHSON, 1834)Ogre d., Ogre, Zilie kalni hills, 09.05.2004 (2); 15.05.2004 (1) under bark of dead standing Norway spruce (*Picea abies*) leg. U.Piterāns.*Dendrophilus corticalis* (PAYKULL, 1798)Jelgava d., Bērvircava vill. 2 km E, 23,7809 E, 56,3960 N, 19.07.2003 (2) meadow, in rotten cereals, leg. D.Telnov; Rīga d., Līči, road to Jaunceltnes vill., 24,3548 E, 56,9445 N, 04.09.2004 (num.) hollow oak, dry wood at tree base with ants *Lasius fuliginosus*, leg. D.Telnov.*Gnathoncus nannetensis* MARSEUL, 1868

Dobele d. Viķu purvs NPT, Lielaucē env., 29.05-12.06.1999 (1); 12.06-26.06.1999 (4); 24.07-07.08.1999 (2) all in oak forest, pitfall trap on fallen oak and window trap, leg. J.Gailis.

Myrmetes paykulli KANAAR, 1979

Liepāja d. Ziemeļu PNT, Akmeņrags lighthouse, 15.05-15.06.2001 (3) grey dune, pitfall trap, leg. J.Gailis.

Saprinus aeneus (FABRICIUS, 1775)

Rīga city, Pļavnieki, forest between Praulienas and Lubānas streets, 23.06.2003 (num.) xeric border of coniferous forest on dry dog faeces on sandy sediments, leg. D.Telnov.

Saprinus tenuistrius MARSEUL, 1876

Rīga city, Kronvaldas Park, 12.07.2004 (1) on indeterminate vertebrate faeces, leg. P.F. Whitehead. Second record for Latvia.

Leiodidae*Leiodes gyllenhali* STEPHENS, 1829

Valmiera d., Ramata parish, valley of River Salaca at Mežgaļi houses, 06.05.2003 (1) leg. M.Kalniņš.

Cholevidae* *Choleva spinipennis* REITTER, 1890

Rīga city, Mežaparks, 22.06.2004 (1) sandy bank of Lake Ķīsezers, leg. D.Telnov.

Scydmaenidae

* *Euconnus rutilipennis* (MÜLLER, KUNZE, 1822)

Valka d., Sedas purvs PNT, Sedas peat bog, 18.05-14.06.2003 (2) burnt area, pitfall trap, leg. V.Spuņģis.

Euconnus wetterhallii (GYLLENHAL, 1813)

Rīga d., Ķemeri NP, Ķemeri Lielais tīrelis peat bog, 27.05-23.06.2001 (1) burnt area, pitfall trap, leg. V.Spuņģis.

Silphidae

Dendroxena quadrimaculata (SCOPOLI, 1772)^{PS}

Ventspils d., Moricsala SNR, 12.05-04.06.1994 (1) primary deciduous forest, leg. M.Šternbergs; Rīga d., Gaujas NP, Krimulda, at Krimulda Castle ruins, 11.06.2004 (1) on trunk of Pedunculate Oak (*Quercus robur*), leg. U.Piterāns.

Staphylinidae

Philonthus alpinus EPPELSHEIM, 1875

Rīga d., Cekule vill. env., Jaunpīdīņi house env., 19.04.2003 (1) dry meadow on sand, between moss and dry old *Artemisia* sp., leg. D.Telnov; Rīga d., Jauncekle vill., along the way Jauncekle to Cekule, 07.05.2003 (2) xeric roadside, between moss and small stones on silty sand, leg. D.Telnov; Rīga d., Cekule, between the River Mazā Jugla and the road from Saurieši to Ogre, 10.05.2003 (1) xeric meadow on sand, between moss and dry old *Artemisia* sp., leg. D.Telnov.

Philonthus sanguinolentus (GRAVENHORST, 1802)

Rīga d., Cekule vill., 13.04.2002 (1) middle-aged pine forest, under dry bark of thin dead standing pine, leg. D.Telnov.

Emus hirtus (LINNAEUS, 1758)^{PS}

Liepāja d., Rucava, Liepnieki houses 02.07.1998 (2) cow dung, leg. A.Piterāns; Liepāja d., Ziemeļu PNT, Akmeņrags lighthouse, 15.05-15.06.2001 (1) grey dunes, pitfall trap, leg. J.Gailis; Liepāja d. Papes ezers Nature park, 15.05-13.06.2002 (1) grey dunes, pitfall trap, leg. J.Gailis.

Velleius dilatatus (FABRICIUS, 1787)^{PS}

Cēsis d., Taurene, 14.07.2003 (1) old park, at light, leg. V.Spuņģis; Talsi d., Slīteres NP, Kolka vill., 12.07.2004 (1) leg. J.Bisters.

* *Astenus lyonessius* (JOY, 1980)

Rīga d., Cekule vill. env., 08.07.2004 (1) at domestic rubbish tipped in clearing in damp mixed forest, leg. P.F.Whitehead.

Rugilus rufipes GERMAR, 1836

Limbaži d., Mērnīeku dumbrāji PNT ~10 m from Estonian border, 15.06.2002 (1) mixed forest edge, leg. D.Telnov.

Rugilus scutellatus (MOTSCHULSKY, 1858)

Gulbene d., Pededzes lejtece PNT, right side of River Pededze opposite Silinieki vill.,

26,8591 E, 57,0240 N, 11.05.2002 (2) pasture woodland, leg. D.Telnov.

Edaphus beszedesi REITTER, 1914

Dobele d., Vīķu purvs PNT, Lielaucē env., 12.06-26.06.1999 (1) oak forest, window trap, leg. J.Gailis.

Stenus excubitor ERICHSON, 1839

Rīga d., Gaujas NP, Sudas-Zviedru purvs peat bog, N bank of Lake Zviedru, 26.05-24.06.2001 (1) old burnt area, pitfall trap, leg. V.Spunģis; Tukums d., Engures ezers Nature park, Bērziems env., 14.08.2000 (1) leg. A.Karpa; 08.07.2002 (2) moist meadow, leg. A.Karpa.

Oxyporus mannerheimii GYLLENHAL, 1827^{PS}

Cēsis d., Kalnozoli vill. (between Straupe and Rubeņi villages), 17.06.1991 (3) peat bog, leg. A.Karpa.

Hapalaraea melanocephala (FABRICIUS, 1787)

Dobele d., Vīķu purvs PNT, Lielaucē env., 18.09-02.10.1999 (1) oak forest window trap, leg. J.Gailis.

* *Phloeonomus sjoeborgi* STRAND, 1937

Rīga d., Cekule vill., 29.03.2003 (num.) cutting area in mixed forest with Scots Pine (*Pinus sylvestris*), birch (*Betula* sp.), Pedunculate Oak (*Quercus robur*), Grey Alder (*Alnus incana*), under bark stumps and fallen trunks of birches and pines, leg. D.Telnov; Rīga d., Cekule vill. env., Jaunpīdīņi house env., 19.04.2003 (1) mixed forest edge, under rotten bark of fallen Grey Alder (*Alnus incana*) leg. D.Telnov.

Orochares angustatus (ERICHSON, 1840)

Dobele d., Vīķu purvs PNT, Lielaucē env., 29.05-12.06.1999 (1) oak forest pitfall trap, leg. J.Gailis.

Bledius tricornis (HERBST, 1784)

Gulbene d., Pededzes lejtece PNT, right side of River Pededze opposite Silinieki vill., 26,8591 E, 57,0240 N, 18.05.2003 (2) pasture woodland, leg. D.Telnov.

Tachyporus pallidus SHARP, 1871

Rīga d., Gaujas NP, Sudas-Zviedru purvs peat bog, N bank of Lake Zviedru, 26.05-24.06.2001 (1) old burnt area, pitfall trap, leg. V.Spunģis.

Tachinus bipustulatus (FABRICIUS, 1792)

Dobele d., Vīķu purvs PNT, Lielaucē env., 03.04-17.04.1999 (2) oak forest pitfall trap, leg. J.Gailis.

Lamprinodes saginatus (GRAVENHORST, 1806)

Rīga d., Cekule vill., 29.03.2003 (2) cutting area in mixed forest of Scots Pine (*Pinus sylvestris*), birch (*Betula* sp.), Pedunculate Oak (*Quercus robur*), Grey Alder (*Alnus incana*), under bark of stumps and fallen trunks of birch and pine, leg. D.Telnov; Rīga d., Jauncekule vill., along the way Jauncekule to Cekule, 07.05.2003 (num.) roadside, between moss and small stones on dry silty-sand, leg. D.Telnov.

* *Sepedophilus marshami* (STEPHENS, 1832)

Rīga d., Cekule vill. env., by the crossroads to Bunči, 08.07.2004 (3) cutting area in mixed forest, under wet bark of flush-sawn stumps of Scots Pine (*Pinus sylvestris*), leg. P.F.Whitehead & D.Telnov.

Thiasophila angulata (ERICHSON, 1837)

Rīga d., Cekule vill. env., 29.03.2003 (1) mixed forest of birch (*Betula* sp.), Aspen (*Populus tremula*), Norway Spruce (*Picea abies*) etc., at cutting area under bark of fallen pine, leg. D.Telnov.

Meotica apicalis G.BENICK, 1953

Rīga d., Cekule vill. env., 07.05.2003 (1) mixed forest with birch (*Betula* sp.), Aspen (*Populus tremula*), Norway Spruce (*Picea abies*) etc., in litter, leg. D.Telnov.

Zyras funestus (GRAVENHORST, 1806)

Dobele d., Viķu purvs PNT, Lielaucis env., 03.04-17.04.1999 (num.); 17.04-01.05.1999 (num.); 01.05-15.05.1999 (2); 15.05-29.05.1999 (num.); 29.05-12.06.1999 (2); 12.06-26.06.1999 (2); 10.07-24.07.1999 (1); 24.07-07.08.1999 (1) all in oak forest pitfall trap, leg. J.Gailis.

Bolitochara obliqua ERICHSON, 1837

Rīga d., Cekule vill. env., Jaunpīdiņi house env., 19.04.2003 (2) mixed forest edge, under rotten bark of fallen Grey Alder (*Alnus incana*) leg. D.Telnov; Rīga d., Gaujas NP, Sigulda, valley of River Veļupīte, 13.06.2003 (2) mixed forest, under rotten bark of fallen tree, leg. D.Telnov.

Cyphaea curtula (ERICHSON, 1837)

Rīga d., Jauncekle vill., along the way Jauncekle to Cekule, 07.05.2003 (num.) roadside, between moss and small stones on dry sandy sediments, leg. D.Telnov (det. S. Lundberg). This old-forest species is usually regarded as being subcortical.

* *Atheta (Philhygra) malleus* JOY, 1913

Tukums d., Engures ezers Nature park, Bērziems env., 14.08.2000 (1) leg. A.Karpa.

Atheta (Atheta) triangulum (KRAATZ, 1856)

Rīga city, Kronvaldas Park, 12.07.2004 (1) in fungus *Laetiporus sulphureus*, leg. P.F.Whitehead.

* *Atheta (Mocyta) negligens* (MULSANT, REY, 1873)

Rīga d., Gaujas NP., 10.07.2004 (1) damp species-rich productive mesotrophic valley grassland, leg. P.F.Whitehead.

Atheta (Microdota) subtilis (SCRIBA, 1866)

Rīga d., Cekule vill. env., Jaunpīdiņi house env., 29.03.2003 (1) mixed forest edge, under rotten bark of fallen Grey Alder (*Alnus incana*) leg. D.Telnov.

Micropeplus staphylinoides (MARSHAM, 1802)

Rīga d., Gaujas NP, Sudas-Zviedru purvs peat bog, N bank of lake Zviedru, 26.05-24.06.2001 (1) old burnt area, pitfall trap, leg. V.Spunģis.

Pselaphidae

* *Batrisodes hubenthalii* REITTER, 1913

Gulbene d.: Pededzes lejtece PNT, right bank of River Pededze at Vīkšņi vill., 18.05.2003 (1) meadow, leg. D.Telnov.

* *Bythinus macropalpus* AUBÉ, 1833

Rīga d., Cekule vill., sandy bank of River Mazā Jugla, 10.05.2003 (2), leg. D.Telnov.

Brachygluta haematica sinuata (AUBÉ, 1833)

Gulbene d., Pededzes lejtece PNT, right side of River Pededze opposite Silinieki vill., bank of River Audīle, 18.05.2003 (4) wet sandy bank under old leaves, leg. D.Telnov.

Trissemus impressus (PANZER, 1803)

Valka d., Sedas purvs PNT, Sedas peat bog, 18.05-14.06.2003 (1) burnt area, pitfall trap, leg. V.Spunģis.

Lucanidae

Dorcus parallelipipedus (LINNAEUS, 1758)^{PS}

Tukums d., Ķemeru NP, lake Valguma env., 09.06.2003 (1) leg. F.Savičs; Rīga d., Cesis Castle parkland, 10.07.2004 (num.) leg. P.F. Whitehead; Daugavpils d., Medumi, 15.07.2004 (num. larvae and imago) old park, in Pedunculate Oak (*Quercus robur*) and Small-leaved Lime (*Tilia cordata*), leg. D.Telnov; Talsi d., Slīteres NP, Slītere vill., 18.07.2004 (1) primary mixed forest, on old standing ash (*Fraxinus excelsior*), leg. K.Vilks; Bauska d., 24,4832 E, 56,2956 N, Straumeņu mežs (Paņemūnes meži PNT), 01.08.2004 (num.) under bark of dead and live standing Pedunculate Oak (*Quercus robur*) and ash (*Fraxinus excelsior*), leg. D.Telnov; Bauska d., Mazmežotne env., Mieleikas mežs, road cross to Bauska / Pilsrundale, 01.08.2004 (3) under bark of live Pedunculate Oak (*Quercus robur*), leg. D.Telnov; Ventspils d., 22,0409 E, 57,3226 N, Puzenieki vill. (Puzes muiža), 07.08.2004 (2) under bark of Small-leaved Lime (*Tilia cordata*) stumps, leg. D.Telnov.

Platycerus caprea (DEGEER, 1774)

Dobele d. Vīķu purvs PNT, Lielaucē env., 15.05-29.05.1999 (1) oak forest window trap, leg. J.Gailis; Rīga d., Piejūras Nature park, Garupe, 10.07.2004 (1) mixed forest, leg. R.Matrozis.

Ceruchus chrysomelinus (HOCHENWARTH, 1785)

Valka d., Zemā sala PNT, 20.06.2001 (1) leg. M.Kalniņš; Talsi d., Slīteres NP, Slītere vill., 25.06.2001 (1) primary mixed forest, near tourists path on fallen spruce, leg. U.Piterāns; Gulbene d., Līgo vill., Jaungulbene vill., Liedeskrogs vill., Pededzes lejtece PNT, Pededzes ozolu audze PNT 01.08-01.11.2001 (num.) very common in Jaungulbene forestry, observed in 75 localities, deciduous and mixed forests, in fallen spruces, oaks and birches, leg. K.Vilks.; Alūksne d., Baltais purvs PNT, 25.06.2002, (1) leg. M.Kalniņš; Madona d., Pārabaine PNT, 08.06.2002 (1) oak forest, on oak trunk, leg. K.Vilks; Valka d., conifer forest in nature reserve "Zemā sala" near the left bank of River Gauja 06.07.2002 (1) leg. J.Gailis; Limbaži d., Staicele vill., 02.08.2002 (2) mixed forest, in fallen spruce trunk, leg. K.Vilks; Talsi d., Slīteres NP, Grūži vill. env., 12-15.07.2003 (2) mixed forest, under bark of fallen Norway Spruce (*Picea abies*), leg. U.Piterāns; Limbaži d., Vidzemes akmeņainā jūrmala PNT, Tūja vill. 01.08-15.10.2003 (num.) mixed forest in fallen spruces, oaks and birches, leg.

K.Vilks. Data shows that this species, formerly considered rare in Latvia, is actually quite common in suitable habitat throughout the country.

Trogidae

Trox scaber (LINNAEUS, 1767)

Ogre d., Ogre, Pārogre, Pagasta iela 8, 06-14.05.2004 (2) dry faeces of dog (*Canis familiaris*), leg. I.Salmane.

Geotrupidae

Odonteus armiger (SCOPOLI, 1772)

Cēsis d., Gaujas NP, Līgatne, at the school, 15.07.2004 in flight, leg. M.Kalniņš.

Scarabaeidae

Aegialia sabuleti (PANZER, 1797)

Valka d., River Rauza valley ~500m E the road Smiltene to Gulbene, 24.04.2004 (1) sand banks, leg. D.Telnov.

Copris lunaris (LINNAEUS, 1758)

Krāslava d., Gandelī, Arkādijas houses, 23.05.2003 (1) on light, leg. M.Kalniņš.

Aphodius (Agrilinus) nemoralis ERICHSON, 1848

Valka d., River Ludze valley ~3km E from the Jaunpiebalga road, 24.04.2004 (num.) moist mixed forest, under fresh moist dung of elk (*Alces alces*), leg. D.Telnov.

Aphodius (Planolinus) borealis GYLLENHAL, 1827

Talsi d., Slīteres NP, Kolka vill., the cape Kolkasrags, Rīga Gulf shore, 08.07.1993 (1) leg. D.Telnov.

Aphodius (Planolinus) uliginosus (HARDY, 1847)

Valka d., River Rauza valley ~1km W from the road from Smiltene to Gulbene, 24.04.2004 (num.) moist meadow, under old moist dung of elk (*Alces alces*), leg. D.Telnov.

Aphodius (Bodilus) lugens CREUTZER, 1799

Cēsis d., Taurene (Lodes muiža), 03.07.2002 (2) on light, leg. M.Kalniņš.

Rhyssenus germanus (LINNAEUS, 1767)

Rīga city, Mežaparks, at the quayside, 22.06.2004 (1) sandy bank of Lake Ķīšezers, leg. D.Telnov.

Liocola lugubris (HERBST, 1786)^{PS}

Gulbene d., Pededzes lejtece PNT, opposite Silenieki vill., 08.06.2002 (1) deciduous forest, leg. K.Vilks; Valka d., Bednes purvs PNT, 09.06.2002 (num.) leg. M.Kalniņš; Rīga d., Gaujas NP, Sigulda, Sigulda castle ruins, 24,8525 E, 57,1655 N, 20.08.2003 (num. larvae and fr.) rotting stumps of Small-leaved Lime (*Tilia cordata*), Norway Maple (*Acer platanoides*) and hollow ash (*Fraxinus excelsior*), leg. D.Telnov; Cēsis d., Daibe vill. env., Siguni house, 03.07.2003 (num. fr.) old hollow oak, leg. M.Kalniņš; Cēsis d., Ungurmuiža vill. 1 km E direction to Kūdums, 05.10.2003 (num. excr. and fr.) hollow Small-leaved Lime (*Tilia cordata*), leg. M.Kalniņš; Rīga d., Gaujas NP, Sigulda, at the Gūtmaņa cave, 10.07.2004 (1) in flight, leg. V.Vignon;

Ventspils d., 22,0409 E, 57,3226 N, Puzenieki vill. (Puzes muiža), turn to the Puze church, 07.08.2004 (num. fr. and larvae), hollow Small-leaved Lime (*Tilia cordata*) in sun, leg. D.Telnov; Rīga d., Olaine, Pēternieki vill., 30.08.2004 (num. excr. & larvae) hollow Small-leaved Lime (*Tilia cordata*), leg. U.Piterāns; Rīga city, Jugla, park of Strazdu muiža, 08.09.2004 (num. fr.) hollow Small-leaved Lime (*Tilia cordata*), Pedunculate Oak (*Quercus robur*) and Norway Maple (*Acer platanoides*), leg. D.Telnov.

Osmoderma eremita (SCOPOLI, 1763)^{PS}

Rīga city, Saulesdārzs, 19.07.1999 (1) old park, leg. R.Matrozis; Gulbene d., Pededzes lejtece PNT, 09.10.2001 (3 larva, num. excr.) mixed oak–spruce forest, oak hollow, leg. K.Vilks; Rīga d., Inčukalns env., Krustiņi vill., 29.07.2003 (2 imago, num. excr.) old hollow parkland Small-leaved Lime (*Tilia cordata*) in sun, leg. V.Spuņģis; Bauska d., Code parish, Lodēni houses env., 08.2004 (1) leg. E.Umbleja; Bauska d., Mazmežotne env., Mieleikas mežs, road cross to Bauska / Pilsrundale, 01.08.2004 (num. imago fragments and larvae) deciduous forest, hollow shaded Pedunculate Oak (*Quercus robur*), leg. D.Telnov; Ventspils d., 22,0409 E, 57,3226 N, Puzenieki vill. (Puzes muiža), turn to Puze church, 07.08.2004 (num. imago fragments and larvae) hollow Small-leaved Lime (*Tilia cordata*) in sun, leg. D.Telnov; Madona d., Dzelzava, at the school, 18.07.2004 (1) old park, in flight, leg. A.Leiškalne; Rīga d., Olaine, Pēternieki vill., 30.08.2004 (1 dead imago and fr.) hollow Small-leaved Lime (*Tilia cordata*), leg. U.Piterāns; Rīga city, Jugla, park of Strazdu muiža, 08.09.2004 (num. excr.) hollow Small-leaved Lime (*Tilia cordata*) and Norway Maple (*Acer platanoides*), leg. D.Telnov; Rīga d., Gaujas NP, Katlapi (SW from Sigulda), 22.01.2005 (num. excr.) meadow, single hollow oak, leg. M.Kalniņš.

Aleurostictus variabilis (LINNAEUS, 1758)^{PS}

Bauska d., 24,4832 E, 56,2956 N, Paņemūnes meži PNT, Straumēnu forest, 22.06.2003 (5, some in copula) in and flying around old standing hollow oaks in an old cutting area, leg. V.Spuņģis; 28.06.2004 (3) leg. D.Telnov; Talsi d., Slīteres NP, Pēterezers, 20.07.2004 (1) in flight, leg. U.Piterāns; 01.08.2004 (num. imagines, two in copula, num. excr. and larvae) in flight and on dead Pedunculate Oaks (*Quercus robur*), leg. A.Napolov & D.Telnov; Bauska d., Mazmežotne env., Mieleikas mežs, road cross to Bauska / Pilsrundale, 01.08.2004 (1 imago fragment) pasture woodland, hollow Pedunculate Oak (*Quercus robur*) in sun, leg. D.Telnov; Ventspils d., Irbene vill., 3 km NE direction to Kolka, 05.08.2004 (1) pine forest, in flight, leg. K.Vilks.

Scirtidae

Scirtes hemisphaericus (LINNAEUS, 1767)

Tukums d., Engures ezers Nature park, Bērziems env., 10.07.2001 (1) lower bog, leg. A.Karpa; 08.07.2002 (1) lower bog, leg. A.Karpa; 20.07.2004 (1) sweeping, leg. K.Vilks; 11.08.2004 (1) sweeping, leg. K.Vilks; Rīga d., Gaujas NP, Sigulda, along the way from the Gūtmaņa cave to the River Vikmeste valley, 10.07.2004 (1) in damp floristically rich mesotrophic meadow, leg. P.F.Whitehead.

Buprestidae

Chalcophora mariana (LINNAEUS, 1758)^{PS}

Talsi d., Slīteres NP, Kolka vill., 15.07.1999 (1) coastal pine forest edge, on dead pine wood, leg. U.Piterāns; 06.07.2003 (num.) burned area in the coastal pine forest, on standing pines, leg. U.Piterāns; Talsi d., Slīteres NP, Bažu purvs (peat bog) 13-

15.07.2001 (2) burnt area in pine forest, on dead pine, leg. U.Piterāns; Talsi d., Slīteres NP, Bažu purvs (peat bog) at Saunags vill., area burnt in 1992, 09.07.2004 (num.) on dry dead fallen and standing Scots Pines (*Pinus sylvestris*), leg. delegates of third symposium and workshop on the conservation of saproxylic Coleoptera; Ventspils d., 21,8584 E, 57,5127 N, Rinda vil. env., turn to Irbene vill., 07.08.2004 (5, four *in copula*) cutting area in the pine forest, on dry dead fallen decorticated Scots Pine (*Pinus sylvestris*) trunks, leg. D.Telnov; Ventspils d., Irbene vill., 3 km NE direction to Kolka, 05.08.2004 (1) pine forest, leg. K.Vilks.

Dicerca (Dicerca) alni alni (FISCHER VON WALDHEIM, 1823)

Rīga d., Dāvji vill., 23.06.2004 (1) on trunk of alder (*Alnus* sp.) trunk, edge of cutting area, leg. U.Piterāns.

Dicerca (Argante) moesta (FABRICIUS, 1792)

Talsi d., Slīteres NP, Kolka vill., 06-07.07.2003 (2) burnt area in the coastal pine forest on standing pine, leg. U. Piterāns; Talsi d., Slīteres NP, Bažu purvs (peat bog) at Saunags vill., burnt area (burnt in 1992), 09.07.2004 (1) on dry dead fallen Scots Pine (*Pinus sylvestris*), leg. N.Franc.

Buprestis (Buprestis) novemmaculata LINNAEUS 1767

Talsi d., Slīteres NP, NW edge of Bažu purvs (peat-bog) near Saunags vill. (1) burnt area in the pine forest, on dead pine, leg. U.Piterāns; Ventspils d., 21,8584 E, 57,5127 N, Rinda vil. env., turn to Irbene vill., 07.08.2004 (5, of which 4 *in copula*) cutting area in the pine forest, on dry dead fallen decorticated Scots Pine (*Pinus sylvestris*) trunks, leg. D.Telnov.

Buprestis (Buprestis) octoguttata octoguttata LINNAEUS, 1758

Talsi d., Slīteres NP, Kolka vill., 11.07.2003 (1) burnt area in coastal pine forest, leg. U. Piterāns; Rīga d., Piejūras Nature park, Saulkrasti, mouth of River Ķīšupe, 23.08.2003 (1) Rīga Gulf coast, pine forest edge, in flight, leg. R.Matrozis; Ventspils d., 21,8710 E, 57,5533 N, Irbene vill. env., former tank operations area, 07.08.2004 (1) open area near the pine forest, on fragment of dry dead fallen Scots Pine (*Pinus sylvestris*), leg. D.Telnov.

Melanophila acuminata (DEGEER, 1774)

Rīga d., Ķemeri NP, Ķemeri, 31.08.1999 (1) burnt area, on trunk of burnt Scots Pine (*Pinus sylvestris*), leg. V.Spunģis.

Agrilus suvorovi OBENBERGER, 1935

Madona d., Vestiena parish, Puntu kalns hill env., 23.06.2003 (1) cutting area, leg. R.Matrozis; Limbaži d., Salacas ielejas PNT, left side of River Salaca between Mērnīki and Rozēni at Vilciņi houses, 24,5823 E, 57,8705 N, 05.07.2003 (4) on young leaves of Grey Alder (*Alnus incana*) and willow (*Salix* sp.), also in flight on edge of middle-aged mixed forest, leg. D.Telnov.

Byrrhidae

Simplocaria semistriata (FABRICIUS, 1794)

Gulbene d., Pededzes lejtece PNT, right side of River Pededze opposite Silinieki vill., bank of River Audīle, 18.05.2003 (1) wet sandy bank under old leaves, leg. D.Telnov; Ogre d., Ogre, Pārogre, Pagasta iela 8, 07.04.2004 (1) garden, leg. R.Spots.

Morychus aeneus (FABRICIUS, 1775)

Valmiera d., Mazsalaca env., valley of River Gudzonupīte at the street Ainaži-Mazsalaca, 24-26.06.1996 (num.) sandy area, leg. D.Telnov; Rīga d., Garkalne env., 23.06.2001 (num.) old (1992) burnt area in pine forest on sandy sediment, leg. C.Fägerstöm; Rīga d., Piejūras Nature park, Garupe, 19.05.2002 (2) Rīga Gulf dunes, leg. D.Telnov; Rīga d., Jūrmala city, Majori, Jūras iela, 31.05.2003 (1) Rīga Gulf dunes, leg. D.Telnov; Rīga d., Cekule, between the River Mazā Jugla and the road from Saurieši to Ogre, 10.05.2003 (num.) xeric meadow on sandy sediment, between moss and dry old *Artemisia* sp., leg. D.Telnov; Rīga d., Jauncekle vill., along the way Jauncekle to Cekule, 10.05.2003 (num.) xeric roadside, between moss and small stones on sandy sediment, leg. D.Telnov; Valka d., River Rauza valley ~2 km W from the road Smiltene to Gulbene, 24.04.2004 (num.) meadow on sandy substrate amongst moss, leg. D.Telnov.

Lamprobyrrhulus nitidus (SCHALLER, 1783)

Rīga d., Piejūras Nature park, Garupe, Rīga Gulf dunes, 19.05.2002 (num.) leg. D.Telnov; Rīga d., Cekule vill., sandy bank of River Mazā Jugla, 10.05.2003 (num.), leg. D.Telnov; Rīga d., Saulkrasti, Piejūras Nature park, River Inčupe mouth area, 24,3913 E, 57,2336 N, 06.07.2003 (1) Rīga Gulf dunes, leg. D.Telnov; Valka d., River Rauza valley ~2 km W from the road Smiltene to Gulbene, 24.04.2004 (num.) meadow on sandy substrate amongst moss, leg. D.Telnov.

Curimopsis paleata (ERICHSON, 1846)

Rīga d., Jauncekle vill., along the way Jauncekle to Cekule, 10.05.2003 (num.) roadside, between moss and small stones on dry sandy sediment, leg. D.Telnov.

Elmidae*Macronychus quadrituberculatus* P.W.J. MÜLLER, 1806

Rīga d., Lake Ummeru near River Lorupe, 30.09.2001 (1) brownwater lake, leg. A.Poppels.

Dryopidae*Dryops (Dryops) anglicanus* EDWARDS, 1909

Rīga city, Daugavgrīva PNT, 22.04.1991 (1) glutinous sediments on bank of small lagoon, leg. R.Matrozis.

Dryops (Dryops) auriculatus (GEOFFROY, 1785)

Daugavpils d., Silene PNT, Lake Riču, 12.05.1996 (2) sandy bank, leg. D.Telnov; Rēzekne d., Nagļi PNT, 15.07.1994 (1) muddy pond bank, leg. D.Telnov; Tukums d., Engures ezers Nature park, Bērziems env., 20.05.1995 (num.) muddy sediments on bank of lagoon, leg. D.Telnov; Tukums d., Ķemeri NP, Lapmežciems, Lake Kanieris SE edge, 12.06.1995 (2) leg. D.Telnov; Liepāja d., Papes ezers Nature park, 24.06.1998 (1) muddy sediments on bank of large lagoon, leg. D.Telnov; Rīga d., Gaujas NP, Sigulda, ponds at the cave Gūtmaņa ala, 13.06.2003 (2) muddy pond bank, leg. D.Telnov.

Dryops (Dryops) ernesti DES GOZIS, 1886

Jelgava d., Branka vill., valley of River Iecava, 29.08.1991 (num.) sandy bank, leg. F.Kovalevsky; Rīga d., Doles sala Nature park, valley of River Daugava, 20.09.2001

(1) sandy bank, leg. R.Matrozis; Rīga d., Cekule vill., valley of River Mazā Jugla at the railway bridge, 05.07.1992 (2) sandy bank, leg. D.Telnov; valley of River Mazā Jugla at the pedestrian bridge, 10.05.2003 (2) sandy bank, leg. D.Telnov; Daugavpils d., Silene PNT, Ilgas vill. env., "forest pond", 12.05.1996 (num.) muddy bank, leg. D. Telnov; Jelgava d., Dalbe vill., at the railway station, 09.06.1996 (2) small pools at edge of moist mixed forest, leg. D.Telnov; Aizkraukle d., banks of River Dienvidsusēja at Krasti vill., 03.05.1998 (2) leg. D.Telnov; Kuldīga d., mouth of River Riežupe, 26.07.2001 (1) sandy bank, leg. D.Telnov; Gulbene d., Pededzes lejtece PNT, valley of River Pededze at the road from Lubāna to Balvi, 11.05.2002 (1) oozy-sandy bank, leg. D.Telnov; Ogre d., Kastrāne 1 km N, valley of River Mazā Jugla, 24.05.2003 (3) sandy bank, under detritus, leg. D.Telnov; Bauska d., Bauska city at the castle, valley of River Mēmele, 15.06.2003 (2) bank of sandy mud, leg. D.Telnov; Talsi d., Slīteres NP, Kolka vill., 11-18.07.2004 (1) damp meadow, leg. V.Spuņģis.

Dryops (Dryops) nitidulus (HEER, 1841)

Aizkraukle d., Daugavas ieleja PNT, valley of River Daugava 1 km W Aizkraukle, 08.08.2001 (1) sandy bank, leg. D.Telnov.

Psephenidae

Eubria palustris GERMAR, 1818

Tukums d., Engures ezers Nature park, Bērzciems env., 08.07.2002 (1) lower bog, leg. A.Karpa.

Elateridae

Danosoma fasciatus (LINNAEUS, 1758)

Talsi d., Slīteres NP, Kolka vill., 03.07.2003 (1) coastal pine forest, leg. U.Piterāns.

Kibunea minuta (LINNAEUS, 1758)

Talsi d., Slīteres NP, 09.07.04 (2) working haymeadow 80m altitude, leg. P.F.Whitehead.

Prokraerus tibialis (BOISDUVAL, LACORDAIRE, 1835)

Rīga d., Gaujas NP, Sigula, 10.07.2004 (2 larvae) typical niche in soft tanned heartwood mould of ancient Pedunculate Oak (*Quercus robur*) estimated to be at least 480 years old, 90m altitude, leg. P.F.Whitehead.

Ampedus erythrogonus (P.W.J. MÜLLER, 1821)

Dobeles d. Vīķu purvs PNT, Lielaucē env., 15.05-29.05.1999 (1); 29.05-12.06.1999 (4); 12.06-26.06.1999 (2); 26.06-10.07.1999 (2) all in oak forest pitfall and window trap, leg. J.Gailis; Ogre d., Ogre, Zilie kalni hills, 30.05.2004 (1) in bark crevice of standing alder (*Alnus* sp.), leg. U.Piterāns; Talsi d., Slīteres NP, Slītere vill., 21.07.2004 (1) primary mixed forest, leg. V.Spuņģis.

Ampedus tristis (LINNAEUS, 1758)

Gulbene d., Mālmuiža vill., 07.05.2002 (1) under bark of Aspen (*Populus tremula*), leg. K.Vilks; Ogre d., Ogre, Zilie kalni hills, 16.05.2004 (1) open sunny slope on old fallen Norway Spruce (*Picea abies*), leg. U.Piterāns; 05.06.2004 (1) on small spruce (*Picea abies*) stump on cutting area, leg. U.Piterāns.

Crepidophorus mutilatus ROSENHAUER, 1847

Talsi d., Slīteres NP, Kolka vill., 03.07.2003 (1) in grass, leg. U.Piterāns; 18.07.2004 (1) old school at light, leg. U.Piterāns.

Stenagostus rufus (DEGEER, 1774)^{PS}

Talsi d., Slīteres NP, Kolka vill., 07.08.2004 (1) Baltic Sea coastal pine forest, leg. R.Spots.

Agriotes gallicus BOISDUVAL, LACORDAIRE, 1835

Rīga d., Cekule vill. env., 08.07.2004 (2) abandoned haymeadow, leg. P.F. Whitehead.

* *Adrastus lacertosus* ERICHSON, 1841

Rīga d., Gaujas NP, near Sigulda, 10.07.2004 (1) male in damp floristically rich mesotrophic meadow, leg. P.F.Whitehead. In Central Europe this species is found in damp often dissected upland landscapes (Leseigneu, 1972), and further south along damp montane valley-side meadows (G. Platia *in litt.*, 11.08.2004).

Eucnemidae

Xylophilus corticalis (PAYKULL, 1800)

Talsi d., Slīteres NP, Slītere vill., ~4 km E Slītere lighthouse 14-15.07.2003. (4) in bark crevices on fallen spruce, leg. U.Piterāns.

Eucnemis capucina AHRENS, 1812

Daugavpils d., Medumi, 15.07.2004 (1) old parkland, on sunny bark of living Pedunculate Oak (*Quercus robur*), leg. D.Telnov.

Throscidae

Aulonothroscus brevicollis (BONVOULOIR, 1859)

Rīga city, Mežaparks, 31.05.1990 (1) mixed forest, scrubs, leg. D.Telnov; Cēsis d., Vecpiebalga, 02.07.1991 (1) middle aged mixed forest, leg. D.Telnov; Balvi d.: Reibāni vill env., 16-17.06.2001 (1) cutting area, on bark of fallen Aspen (*Populus tremula*), leg. D.Telnov.

Trixagus duvali (BONVOULOIR, 1859)

Rīga d., Gaujas NP, Sigulda, right side of River Gauja below the bridge, 12.07.2003 (1) low meadows, on bushes, leg. J.-F.Voisin.

Drilidae

* *Drilus concolor* AHRENS, 1812

Along the road between Liepāja and Ventspils, 13.06.2003 (2) beaten from vegetation in deciduous forest, leg. C.Fägerström; Rīga d., Gaujas NP, Krimulda, 10.07.2004 (1) moist deciduous escarpment forest, ~90m altitude, leg. P.F.Whitehead.

Lycidae

Pyropterus nigroruber (DEGEER, 1774)

Talsi d., Slīteres NP, Kolka vill. env., the cape Kolkasrags, 22.07.1996 (1) coastal pine forest, leg. D.Telnov; Gulbene d., Pededzes lejtece PNT, right side of River Pededze opposite Silinieki vill., 26,8591 E, 57,0240 N, 13.07.2003 (2) pasture woodland on bark of shaded fallen oak trunk, leg. D.Telnov; Talsi d., Slīteres NP,

Kolka vill., Zēņu dīķis pond env., 15.07.2004 (3) coastal pine forest on old fallen trunk of Scots Pine (*Pinus sylvestris*), leg. U.Piterāns.

Lampyridae

Phosphaenus hemipterus (GEOFFROY, 1762)

Rīga d., Gaujas NP, Turaida env., 12.07.2003 (1) deciduous forest, leg. H.Silfverberg;
Talsi d., Slīteres NP, Slītere vill. env., 11-18.07.2004 (1) ash (*Fraxinus excelsior*) forest, leg. V.Spunģis.

Cantharidae

Absidia schoenherri (DEJEAN, 1837)

Rīga d., Ķemeri NP, Ķemeru Lielais tīrelis peat bog, 27.05-23.06.2001 (1) burnt area, pitfall trap, leg. V.Spunģis; Rīga d., Gaujas NP, peat bog, 11.06-25.06.2001 (1) burned area, pitfall trap, leg. U.Saulītis.

Crudosilis ruficollis (FABRICIUS, 1775)

Limbaži d., Kuiviži env., Randu pļavas PNT, 26.06.2000 (1) moist coastal meadows, leg. A.Karpa; 21.07.2000 (1) leg. A.Karpa.

Malthodes fibulatus KIESENWETTER, 1852

Talsi d., Slīteres NP, Slītere vill. env., 01.06.2003 (1) mixed forest, leg. D.Telnov.

* *Malthinus seriepunctatus* KIESENWETTER, 1852

Talsi d., Slīteres NP, Slītere vill., at lighthouse, 09.07.2004 (2) swept in primary mixed forest, leg. P.F.Whitehead.

Dermestidae

* *Dermestes bicolor* FABRICIUS, 1781

Jelgava d., Jelgava, Platones iela 29, 15.11.2004 (1) amongst cultured cockroaches in insectarium, leg. M.Kalniņš.

Megatoma undata undata (LINNAEUS, 1758)

Ogre d, Ogre, Zilie kalni hills, 02.05.2004 (1) under bark of Norway Spruce (*Picea abies*) stump, leg. U.Piterāns; Rīga d., Dāvji vill., 20.06.2004 (1) in apartments, leg. U.Piterāns; Rīga d., Cekule vill. env., Jaunpīdīņi house env., 08.07.2004 (2 larvae, 1 dead imago) soft delignified wood separated along the growth rings, fallen Small-leaved Lime (*Tilia cordata*) formerly inhabited by *Vespa crabro* L., leg. P.F.Whitehead; Talsi d., Slīteres NP., Kolka vill., Zēņu dīķis pond env., 28.08-04.09.2004 (2) eclosed from larvae collected in 15.07.2004 from bark of standing Scots Pine (*Pinus sylvestris*), leg. U.Piterāns.

* *Reesa vespulae* (MILLIRON, 1939)

Rīga city, Pļavnieki, Pļavnieku iela 4-35, 24,2066 E, 56,9357 N, 01-25.06.2004 (2) in apartments, leg. D.Telnov; 23.08.2004 (1) in apartments, leg. D.Telnov.

Anobiidae

Xestobium rufovillosum (DEGEER, 1774)

Talsi d., Šķede vill. env., 01.09.1996 (num. imago and larvae) beech forest, very dry, rotting, whitish wood of dead beech (*Fagus sylvatica*) wood, leg. D.Telnov; Rīga city,

Jaunciems PNT, Liepusala peninsula of the lake Ķīšezers, 19.05.2002 (2) dry dead wood of old Small-leaved Lime (*Tilia cordata*), leg. D.Telnov.

Ernobius explanatus (MANNERHEIM, 1843)

Ogre d., Ogre city, Pārogre, Pagasta iela 8, 13.11.2001 (1) in flight, leg. I.Salmane.

* *Anitys rubens* (HOFFMANN, 1803)

Rīga city, Pļavnieki, Dravnieku iela 2-9, 01.1992 (num.) in apartments, leg. D. Telnov and F. Kovalevsky; Ogre d., Ogre, Pārogre, Pagasta iela 8, 13.03.2005 (1) in apartments, leg. I.Salmane.

Ptinidae

Ptinus clavipes PANZER, 1792

Rīga d., Ķemeru NP, the house "Meža māja", 15.02.2004 (2) in apartments, leg. D.Telnov.

Ptinus subpilosus STURM, 1837

Dobele d. Viķu purvs PNT, Lielaucē env., 01.05-15.05.1999 (1) oak forest, window trap, leg. J.Gailis.

Trogossitidae

Peltis grossa (LINNAEUS, 1758)

Talsi d., Dižkalni PNT, 23.07.2002 (1) mixed forest, leg. V.Spuņģis; Rīga d., Dāvji vill., 10.08.2003 (1) edge of cutting area in mixed forest, on dead birch stump feeding with *Fomes* sp., leg. U.Piterāns; Ogre d., Ogre, 2 km W Zīle kalni hills, 08.05.2004 (1) under bark of dead, standing Grey Alder (*Alnus incana*), leg. U.Piterāns; 16.05.2004 (2) under bark of dead, standing Grey Alder (*Alnus incana*), leg. U.Piterāns; Bauska d., 24,4832 E, 56,2956 N, Straumeņu mežs (Paņemūnes meži PNT), 02.06.2004 (num.) rotten birch wood, leg. A.Napolov.

Grynocharis oblonga (LINNAEUS, 1758)

Talsi d., Slīteres NP, Kolka vill., 14.07.2000 (1) on standing birch, leg. U.Piterāns; 13.07.2004 (1) leg. V.Spuņģis; Rīga city, the park Viestura dārzs, 25.07.2003 (1) leg. V.Spuņģis; Ventspils d., 22,0240 E, 57,3256 N, way from Puzenieki vill. (Puzes muiža) to the Puze church, Kauguri house, 07.08.2004 (1) hollow Small-leaved Lime (*Tilia cordata*), leg. D.Telnov.

Thymalus limbatus (FABRICIUS, 1787)

Talsi d., Slīteres NP, Slītere vill., Zīlie kalni at the lighthouse, 09.07.2004 (2) primary mixed forest, on fungi, leg. U.Piterāns; Talsi d., Slīteres NP, Cirsti vill., 22,3937 E, 57,6324 N, 20.07.2004 (1) mixed forest, on fungi on birch (*Betula* sp.) trunk, leg. U.Piterāns.

Cleridae

Tillus elongatus (LINNAEUS, 1758)

Rīga d., Gaujas NP, Turaida env., 12.07.2003 (1) deciduous forest, leg. R.Pettersson; Talsi d., Slīteres NP, Slītere vill., 18.07.2004 (1) primary mixed forest, leg. K.Vilks.

Korynetes caeruleus (DEGEER, 1775)

Rīga city, Āgenskalns, Ormaņu iela 14, 23.06.2004 (1) leg. M.Kalniņš.

Malachiidae

Charopus graminicola (DEJEAN, 1833)

Limbaži d., Kuiviži env., Randu pļavas PNT, 26.06.2000 (5) moist coastal meadows, leg. A.Karpa; 21.07.2000 (2) leg. A.Karpa; 30.05.2002 (4) leg. A.Karpa; 18.07.2002 (1) leg. A.Karpa; 25.06.2003 (num.) leg. A.Karpa; 30.05.2004 (num.) on grass, leg. D.Telnov.

* *Hypebaeus flavipes* (FABRICIUS, 1787)

Gulbene d., Pededzes lejtece PNT, right side of River Pededze opposite Silinieki vill., 26,8591 E, 57,0240 N, 15.06.2003 (num.) pasture woodland, in grass, leg. C.Fägerström.

Axinotarsus marginalis (LAPORTE DE CASTELNAU, 1840)

Daugavpils d., Daugavpils city, Kauņas iela 61, 14.07.2004 (1) garden, leg. D.Telnov.

Paratinus femoralis (ERICHSON, 1840)

Rīga d., Saulkrasti, Piejūras Nature park, River Inčupe mouth area, 24,3913 E, 57,2336 N, 06.07.2003 (1) Rīga Gulf dunes, leg. D.Telnov.

Dasytidae

* *Aplocnemus (Aplocnemus) impressus* (MARSHAM, 1802)

Rīga d., Piejūras Nature park, Garupe, 19.05.2002 (1) Rīga Gulf shore, leg. D.Telnov.

Nitidulidae

* *Epuraea (Micruria) melanocephala* (MARSHAM, 1802)

Rīga d., Gaujas NP, Sigulda, along the way from the Gūtmaņa cave to the River Vikmeste valley, 10.07.2004 (1) damp mixed woodland at base of escarpment, 11m altitude, leg. P.F.Whitehead.

Pocadius ferrugineus (FABRICIUS, 1775)

Dobele d. Viķu purvs PNT, Lielaucē env., 26.06-10.07.1999 (1); 24.07-07.08.1999 (1) oak forest, pitfall trap, leg. J.Gailis; Rīga d., Cekule vill. env., 04.09.2004 (1) moist mixed forest, inside *Lycoperdon* sp. fungus, leg. D.Telnov.

Cychramus variegatus (HERBST, 1792)

Rīga d., Baldone 3 km N, way to the observatory, 06.09.2003 (num., also in copula) moist mixed forest, on *Armillaria mellea* fungi (Tricholomataceae) leg. D.Telnov.

Ipidia (Ipidia) binotata REITTER, 1875

Talsi d., Slīteres NP, Kolka vill., 30.06.2003 (1) under pine bark, leg. U.Piterāns; Ogre d., Ogre, Zilie kalni hills, 16.05.2004 (2) under pine bark, leg. U.Piterāns; Ventspils d., 21,8710 E, 57,5533 N, Irbene vill. env., former tanks butt area, 07.08.2004 (1) pine forest, under standing Scots Pine (*Pinus sylvestris*) bark, leg. D.Telnov.

Glischrochilus quadrisignatus (SAY, 1835)

Rīga d., Cekule vill., -.06.1998 (1) on birch sap, leg. D.Telnov.

Silvanidae

Silvanus bidentatus (FABRICIUS, 1792)

Ogre d., Ogre, Zilie kalni hills, 23.05.2004 (1) under bark of standing pine, leg. U.Piterāns; 30.05.2004 (2) under bark of fallen Scots Pine (*Pinus sylvestris*), leg. U.Piterāns; Rīga city, Pļavnieki, Ulbrokas forest, 02.06.2004 (1) pine forest, under damp bark of fallen Scots Pine (*Pinus sylvestris*) together with ants *Lasius* sp., leg. D.Telnov; Rīga d., Dāvji vill., 20.06.2004 (1) under bark of dead Scots Pine (*Pinus sylvestris*), leg. U.Piterāns.

Psammoecus bipunctatus (FABRICIUS, 1792)

Limbaži d., Kuiviži env., Randu pļavas PNT, 12.08.2003 (1) moist coastal meadows, leg. A.Karpa.

Dendrophagus crenatus (PAYKULL, 1799)

Madona d., Ļaudona, 11.05.1992 (1) leg. A.Piterāns; Dobeles d. Vīķu purvs PNT, Lielaucē env., 29.05-12.06.1999 (2) oak forest, pit-fall & window trap, leg. J.Gailis; 26.06-10.07.1999 (1) oak forest, pit-fall & window trap, leg. J.Gailis; Ogre d., Ogre, Zilie kalni hills, 04.05.2004 (1) under bark of fallen Scots Pine (*Pinus sylvestris*), leg. U.Piterāns.

Cryptophagidae

Telmatophilus schoenherrii (GYLLENHAL, 1808)

Limbaži d., Kuiviži env., Randu pļavas PNT, 29.05.2000 (1) damp coastal meadows, leg. A.Karpa.

Cryptophagus corticinus (ERICHSON, 1846)

Dobeles d., Lielaucē env., 29.05-12.06.1999 (1) oak forest, window trap situated on standing oak stem, leg. J.Gailis.

* *Cryptophagus setulosus* STURM, 1845

Cēsis d., Gaujas NP, Cēsis city, sandy bank of River Gauja at Čirulīši (city part), 26.06.2004 (2) on blooms of *Solanum* sp., leg. D.Telnov.

* *Atomaria elongatula* ERICHSON, 1846

Gulbene d.: Pededzes lejtece PNT, right bank of River Pededze at Vīkšņi vill., 18.05.2003 (1) leg. D.Telnov.

Atomaria nigriventris STEPHENS, 1830

Rīga d., Cekule vill. env., meadow between Cekule and Saurieši, 10.05.2003 (1) dry leaf of dead oak, leg. D.Telnov; Gulbene d., Pededzes lejtece PNT, right side of River Pededze opposite Silinieki vill., 26,8591 E, 57,0240 N, 18.05.2003 (1) pasture woodland, leg. D.Telnov; Rīga city, Daugavgrīva PNT, Daugavgrīva, 30.05.2003 (num.) Rīga Gulf shore, leg. A.Napolov.

* *Atomaria procerula* ERICHSON, 1846

Tukums d., Engures ezers Nature park, Bērziems env., 22.06.2001 (1) mixed forest, leg. A.Karpa.

Atomaria testacea (STEPHENS, 1830)

Ogre d., Taurupe, at the pond, 24.05.1003 (2) pasture woodland, leg. D.Telnov.

Laemophloeidae

* *Cryptolestes corticinus* (ERICHSON, 1846)

Bauska d., 3 km W Eleja vill., 23,6340 E, 56,4122 N, 19.07.2003 (4) cutting area, under dead pine bark, leg. D.Telnov.

Erotylidae

Triplax rufipes (FABRICIUS, 1781)

Gulbene d., Pededzes lejtece PNT, right side of River Pededze opposite Silinieki vill., 26,8591 E, 57,0240 N, 13.07.2003 (num., some *in copula*) pasture woodland, on and in arboreal fungi, leg. D.Telnov; Rīga d., Dāvji vill., 22.08.2003 (4) mixed forest, on fungi, leg. U.Piterāns.

Endomychidae

Lycoperdina succincta (LINNAEUS, 1767)

Liepāja d., Ziemeupe PNT, Akmeņrags lighthouse, 15.05-15.06.2001 (num.) grey dunes, pitfall trap, leg. J.Gailis.

Leiesthes seminigra (GYLLENHAL, 1808)

Ogre d., Ogre, Zile kalni hills, 22.05.2004 (3) under bark of dead damp Grey Alder (*Alnus incana*) wood, leg. U.Piterāns.

Coccinellidae

Scymnus abietis (PAYKULL, 1798)

Tukums d., Engures ezers Nature park, Bērziems env., 17.06-22.06.2001 (1) leg. A.Karpa.

Scymnus haemorrhoidalis (HERBST, 1797)

Rīga d., Cekule vill. env., Jaunpīdīņi house env., 10.05.2003 (1) xeric meadow, leg. D.Telnov; Rīga city, Daugavgrīva PNT, Rīga Gulf shore, 30.05.2003 (1) leg. A.Napolov.

* *Scymnus jakowlewi* WEISE, 1892

Tukums d., Engures ezers Nature park, Bērziems env., 03.08.1999 (1) leg. A.Karpa.

Latridiidae

* *Latridius consimilis* MANNERHEIM, 1844

Rīga d., Cekule vill., 29.03-04.04.2003 (num.) mixed forest with birch (*Betula* sp.), Scots Pine (*Pinus sylvestris*) and Norway Spruce (*Picea abies*), window trap, leg. D.Telnov; Rīga d., Cekule vill. env., 29.03-04.04.2003 (num.) mixed forest with birch (*Betula* sp.), Aspen (*Populus tremula*), Norway Spruce (*Picea abies*) etc., window trap, leg. D.Telnov.

Enicmus planipennis STRAND, 1940

Limbaži d., Kuiviži env., Randu pļavas PNT, 29.05.2003 (2) moist coastal meadows, leg. A.Karpa.

* *Corticaria saginata* MANNERHEIM, 1844

Rīga d., Gaujas NP, Sudas-Zviedru purvs (bog), 26.05-24.06.2001 (3) raised bog, pitfall trap, leg. V.Spunģis; 18.05-14.06.2003 (1) raised bog, pitfall trap, leg. V.Spunģis.

Corticaria umbilicata (BECK, 1817)

Tukums d., Engures ezers Nature park, Bērziems env., 14.08.2000 (1) leg. A.Karpa.

Phalacridae

* *Phalacrus dieckmanni* VOGT, 1967

Rīga d., Cekule vill. env., Jaunpīdīni house env., 04.09.2004 (2) dry meadow, on blooms of *Matricaria* sp., leg. D.Telnov.

Olibrus baudueri FLACH, 1888

Limbaži d., Kuiviži env., Randu pļavas PNT, 30.05.2001 (1) moist coastal meadows, leg. A.Karpa; 07.08.2001 (3) leg. A.Karpa; 26.06.2002 (1) leg. A.Karpa.

Aspidiphoridae

Aspidiphorus orbiculatus (GYLLENHAL, 1808)

Tukums d., Engures ezers Nature park, Bērziems env., 20.06.2000 (1) leg. A.Karpa; 05.07.2000 (1) leg. A.Karpa; Rīga d., Ķemeri NP, Ķemeru Lielais tīrelis peat bog, 28.05-11.06.2001 (num.) burnt area, pitfall trap, leg. V.Spuņģis; Ventspils d., 22,0409 E, 57,3226 N, Puzenieki vill. (Puzes muiža), 07.08.2004 (4) old avenue, in *Fuligo septica* (Myxomycetes: Physarales: Physaraceae) on Small-leaved Lime (*Tilia cordata*) stump, leg. D.Telnov.

Sphindus dubius (GYLLENHAL, 1808)

Talsi d., Slīteres NP, Zilie kalni at Slītere vill., 09.07.2004 (1) primary mixed forest, tree hollow, leg. leg. participants of the 3rd Symposium and Workshop on the Conservation of Saproxylous Coleoptera; Limbaži d., 1 km N Kuiviži, 25.07.2004 (1) moist alder forest, in old *Inonotus radiatus* polypore (Hymenochaetales) from dry dead standing alder (*Alnus glutinosa*), leg. D.Telnov.

Colydiidae

Orthocerus clavicornis (LINNAEUS, 1758)

Talsi d., Slīteres NP, Kolka vill., 11-18.07.2004 (2) grey dune, leg. V.Spuņģis.

Mycetophagidae

Mycetophagus fulvicollis FABRICIUS, 1792

Ogre d., Ogre, Zile kalni hills, 22.05.2004 (2) under bark of dead moist alder (*Alnus incana*) wood, leg. U.Piterāns.

* *Typhaea haagi* REITTER, 1874

Preiļi d., Vārkava vill., 05.09.1999 (3) birch forest, leg. D.Telnov.

Typhaea stercorea (LINNAEUS, 1758)

Talsi d., Slīteres NP, Kolka vill., 11.07.1993 (1) leg. D.Telnov; 26.07.1993 (1) leg. D.Telnov; Rīga city, Pļavnieki, Jāņa Grestes iela, 18.08.2003 (1) in flight on sunny day, leg. D.Telnov.

Ciidae

Cis glabratus MELLIE, 1848

Talsi d., Slīteres NP, Zilie kalni at Slītere vill., 13.05.2001 (1) mixed forest, leg. D.Telnov; Krāslava d., Rušona ezera salas PNT, Bērzu sala (island), 11.06.2002 (1)

mixed forest, fungi on Pedunculate Oak (*Quercus robur*), leg. D.Telnov.

Cis hispidus (PAYKULL, 1798)

Rīga d., Cekule vill. env., Jaunpīdīņi house env., 01.05.2002 (num.) meadow, dry dead wood of Small-leaved Lime (*Tilia cordata*), on *Trametes* sp. mycelia, leg. D.Telnov; 19.04.2003 (num.) mixed forest, fungi on Scots Pine (*Pinus sylvestris*), leg. D.Telnov; Rīga d., Salaspils, 07.05.2002 (1) in flight sunny day, leg. D.Telnov; Krāslava d., Rušona ezera salas PNT, Bērzu sala (island), 11.06.2002 (1) mixed forest, fungi on Pedunculate Oak (*Quercus robur*), leg. D.Telnov; Rīga city, Mežaparks, at funfair, 20.05.2003 (num.) mixed forest, old & rotten *Trametes* sp. fungi on birch stumps, leg. D.Telnov.

Cis jacquemartii MELLIE, 1848

Rīga d., Cekule vill. env., Jaunpīdīņi house env., 01.05.2002 (num.) meadow, dry dead wood of Small-leaved Lime (*Tilia cordata*), on *Trametes* sp. mycelia, leg. D.Telnov; Rīga d., Tumšupe vill. W env., 09.05.2002 (num.) coniferous forest, in fungi and in flight, leg. D.Telnov; Rīga d.: Lake Lieluikas and Lake Mazuikas PNT, bank of Lake Lieluikas, 19.05.2002 (1) pine forest, *Fomes* sp. fungi on dead birch (*Betula* sp.), leg. D.Telnov; Bauska d., Kalēju tīrelis (bog) PNT, 03.06.2002 (num.) moist mixed forest, in fungi, leg. D.Telnov.

Cis micans (FABRICIUS, 1792)

Rīga d., Cekule vill., 03.05.2001 (1) pine forest, under pine bark, leg. D.Telnov; Talsi d., Slīteres NP, Zilie kalni at Gruži houses, 19.05.2001 (num.) old mixed forest, in fungi, leg. D.Telnov; Rīga d., Cekule vill., 29.03.2003 (num) pine forest, under pine bark, leg. D.Telnov.

* *Cis nitidus* (FABRICIUS, 1792)

Rīga city, Mežaparks, at funfair, 20.05.2003 (num.) mixed forest, old decayed fungi *Trametes* sp. on birch stumps, leg. D.Telnov.

Cis punctulatus (GYLLENHAL, 1827)

Rīga d., Cekule vill., 13.04.2002 (1) leg. D.Telnov; 01.05.2002 (1); 29.03.2003 (num.), pine forest under pine bark on white mycelia, leg. D.Telnov.

Cis rugulosus MELLIÉ, 1848

Preiļi d., Kārļi vill. env., 10.06.2002 (num.) meadow, fungi on old, rotten alder logs, leg. D.Telnov.

Ennearthron cornutum (GYLLENHAL, 1827)

Rīga d.: Lake Lieluikas and Lake Mazuikas PNT, bankside, 19.05.2002 (1) pine forest, amongst white fungal mycelia under bark of Scots Pine (*Pinus sylvestris*), leg. D.Telnov.

Orthocis alni (GYLLENHAL, 1813)

Rīga d., Cekule vill., 13.04.2002 (1) mixed forest, under pine bark on white mycelia, leg. D.Telnov.

Sulcacis fronticornis (PANZER, 1809)

Gulbene d.: Pededzes lejtece PNT, right bank of River Pededze at Vīkšņi vill.,

11.05.2002 (num.) meadow, fungi on dead oak wood, leg. D.Telnov.

Ropalodontus strandi LOHSE, 1969

Rīga d., Tumšupe vill. W env., 09.05.2002 (num.) coniferous forest, in fungi and in flight, leg. D.Telnov; Alūksne d.: Jaunannas PNT ~3 km E Jaunanna, 15.07.2002 (num.) coniferous forest, in fungi, leg. D.Telnov; Rīga d., Ķīvuļurga River valley at the road Via Baltica, 24.04.2003 (num.) fungi on rotten alder wood, leg. D.Telnov.

Octotemnus glabriculus (GYLLENHAL, 1827)

Rīga d., Cekule vill. env., Jaunpīdīņi house env., 01.05.2002 (num.) meadow, dry dead Small-leaved Lime (*Tilia cordata*) wood, on *Trametes* sp. mycelia, leg. D.Telnov.

Melandryidae

Abdera affinis (PAYKULL, 1799)

Cēsis d., River Brasla valley near Rozula vill., 24,9749 E, 57,3889 N, 23.08.2003 (num. imago & larvae) moist middle-aged deciduous forest, in dry dead *Inonotus radiatus* polypore (Hymenochaetales) from dry dead standing Grey Alder (*Alnus incana*), leg. D.Telnov; Limbaži d., ~1 km N Kuiviži, 25.07.2004 (num. imago and larvae) moist alder forest, in dry dead *Inonotus radiatus* polypore (Hymenochaetales) from dry dead standing *Alnus glutinosa*, leg. D.Telnov.

Abdera flexuosa (PAYKULL, 1799)

Limbaži d., Salacas ieleja PNT, Mērnīeki vill. env., turn to Požkalni vill., 05.07.2003 (num.) moist alder forest, in dry dead *Inonotus radiatus* polypore (Hymenochaetales) from dry dead standing Grey Alder (*Alnus incana*), leg. D.Telnov; Limbaži d., ~1 km N Kuiviži, 25.07.2004 (2) moist alder forest, in dry dead *Inonotus radiatus* polypore (Hymenochaetales) from dry dead standing alder (*Alnus glutinosa*), leg. D.Telnov.

Orchesia luteipalpis MULSANT, GUILLEBEAU, 1857

Limbaži d., ~1 km N Kuiviži, 25.07.2004 (num. imago and larvae) moist alder forest, in dry dead *Inonotus radiatus* polypore (Hymenochaetales) from dry dead standing alder (*Alnus glutinosa*), leg. D.Telnov.

Orchesia micans (PANZER, 1794)

Limbaži d., ~1 km N Kuiviži, 25.07.2004 (num. imago and larvae) moist alder forest, in dry dead *Inonotus radiatus* polypore (Hymenochaetales) from dry dead standing alder (*Alnus glutinosa*), leg. D.Telnov.

Wanachia triguttata (GYLLENHAL, 1810)

Talsi d., Slīteres NP, Kolka vill., 11.07.1993 (1) in flight at mixed forest edge, leg. D.Telnov; 26.07.1993 (2) leg. D.Telnov.

Hypulus quercinus (QUENSEL, 1790)

Gulbene d., Pededzes lejtece PNT, 16.06.2002 (1) deciduous forest, on stump of Pedunculate Oak (*Quercus robur*), leg. K.Vilks.

Xylita laevigata (HELLENIIUS, 1786)

Ogre d., ~1 km N Ikšķīle, 08.05.2004 (1) on dead standing Scots Pine (*Pinus sylvestris*), leg. U.Pīterāns; Talsi d., Slīteres NP, purvs (peat-bog) at Saunags vill.,

burnt area (burnt in 1992), 09.07.2004 (2) strongly rotten, dry wood of dead standing Scots Pine (*Pinus sylvestris*), leg. D.Telnov.

Melandrya caraboides (LINNAEUS, 1761)

Dobele d., Vīķu purvs PNT, Lielaide env., 29.05-12.06.1999 (1) oak forest, window trap, leg. J.Gailis.

Rhipiphoridae

Metoecus paradoxus (LINNAEUS, 1761)

Rīga d., Dāvji vill., 29.07-06.08.2002 (num.) in apartments at nest of *Vespa* sp. (Hymenoptera: Vespidae), leg. U.Piterāns.

Oedemeridae

* *Oedemera (Oedemera) croceicollis* (GYLLENHAL, 1827)

Limbaži d., Kuiviži env., Randu pļavas PNT, 21.06.2000 (num.) moist coastal meadows, leg. A.Karpa; 27.06.2001 (num.) leg. A.Karpa; 30.05.2002 (num.) leg. A.Karpa; 25.06.2003 (4) leg. A.Karpa; 30.05.2004 (num.) on grasses, leg. D.Telnov.

Oedemera (Oedemera) femorata (SCOPOLI, 1763)

Rīga d., Ķemeri NP, Jūrmala city, Kudra, 23,5748 E, 56,9279 N, 19.07.2003 (1) xeric roadside, on flowers of carrot (*Daucus sativa*), leg. D.Telnov.

Meloidae

Meloe proscarabaeus LINNAEUS, 1758

Madona d., Saikava Forestry, forestry quarters Nr. 104-105, 08.05.2002 (1) leg. S.Ikauniece.

Meloe violaceus MARSHAM, 1802

Valka d., Pukšu bog env., forestry quarter Nr. 182, 25.04.2002 (1) pine forest, leg. M.Kalniņš.

Pythidae

Pytho depressus (LINNAEUS, 1767)

Rīga city, Mežaparks, lake Ķīšezers coastal pine forest at the Zoological garden, 09.05.2003 (1) under bark of fallen Scots Pine (*Pinus sylvestris*), leg. D.Telnov; Ogre d., Ogre, Zilie kalni hills, 04.05.2004 (1) under bark of dead standing Norway Spruce (*Picea abies*), leg. U.Piterāns.

Scaptiidae

Aanapis garneysi FOWLER, 1889

Rīga d., Cekule vill. env., 08.07.2004 (1) abandoned haymeadow, leg. P.F.Whitehead.

Scaptia fuscata P.F.J. MÜLLER, 1821

Gulbene d., Pededzes lejtece PNT, right side of River Pededze opposite Silinieki vill., 26,8591 E, 57,0240 N, 13.07.2003 (1) pasture woodland, on bark of old dead standing oak, leg. D.Telnov.

Boridae

Boros schneideri (PANZER, 1795)^{PS}

Gulbene d., Pededzes lejtece PNT 10.05.2004 (1) under bark of standing Pedunculate

Oak (*Quercus robur*), leg. K.Vilks; Bauska d., 24,4832 E, 56,2956 N, Straumeņu mežs (Paņemūnes meži PNT), 01.08.2004 (1 larva) cutting area, under very rotten fallen birch (*Betula* sp.) bark, leg. D.Telnov.

Tenebrionidae

Prionychus ater (FABRICIUS, 1775)

Rīga city, Ķengarags, near the Universal School of Commerce building, 27.05.2004 (1 fragment), hollow Horse Chestnut tree (*Aesculus* sp.), leg. U.Piterāns; Rīga city, Kronvalda Park, 12.07.04 (1) larva in Norway Maple (*Acer platanoides*), (1) female on fungoid Bay-leaved Willow (*Salix pentandra*), (1) dead on beech (*Fagus sylvatica*), leg. P.F. Whitehead; Talsi d., Slīteres NP, Bažu purvs (peat bog) at Saunags vill., area burnt in 1992, 09.07.2004 (1) last instar larva under wet bark of dead fallen Scots Pine (*Pinus sylvestris*), leg. P.F. Whitehead; Ventspils d., 22,0409 E, 57,3226 N, Puzenieki vill. (Puzes muiža), turn to the Puze church, 07.08.2004 (num. fr. and larvae), hollow Small-leaved Lime (*Tilia cordata*) in sun together with *Osmoderma eremita* and *Liocola lugubris*, leg. D.Telnov.

Mycetochara (Mycetochara) axillaris (PAYKULL, 1799)

Rīga d., Gaujas NP, Turaida env., 12.07.2003 (1) deciduous forest, leg. R.Pettersson; Rīga city, Ķengarags, 30.05.2004 (1) hatched from larvae collected in 27.05.2004 from hollow Horse Chestnut tree (*Aesculus* sp.), leg. U.Piterāns; Rīga d., Gaujas NP, Turaida reserve, 10.07.2004 (1) on bark of old Small-leaved Lime (*Tilia cordata*) leg. H. Brustel; Valmiera d., Mazsalaca, park at the old school building, 17.07.2004 (2) elm (*Ulmus laevis*) hollow, leg. D.Telnov; Talsi d., Slīteres NP, Kolka vill., old school, 20.07.2004 (1) in apartments (old hollow Horse Chestnut trees *Aesculus* sp. nearby), leg. V.Spunģis; Rīga city, Jugla, park of Strazdu muiža, 08.09.2004 (2) on old Small-leaved Lime (*Tilia cordata*) and Pedunculate Oak (*Quercus robur*), leg. D.Telnov.

Mycetochara (Mycetochara) flavipes (FABRICIUS, 1792)

Rīga d., Dāvji vill., 25.06.2004. (1, on poplar's trunk with fallen top, in cutting area, U.Piterāns; Rīga d., Cekule vill. env, 08.07.2004 (2) cutting area, on white mycelia under damp fallen bark of Silver Birch (*Betula pendula*), leg. P.F. Whitehead & D.Telnov; Rīga city, Jugla, park of Strazdu muiža, 08.09.2004 (2) on old hollow Norway Maple (*Acer platanoides*), leg. D.Telnov.

Pseudocistela ceramboides (LINNAEUS, 1758)

Talsi d., Slīteres NP, Bažu purvs (peat-bog), 15.07.2001 (1) on dead pine in old burned area, leg. U.Piterāns; Talsi d., Slīteres NP, Kolka vill, 06.07.2003. (1, dead, attacked by asilid fly *Laphria gibbosa* (L.)) burnt area, leg. U.Piterāns; 11.07.2003 (1) coastal pine forest, in flight leg. U.Piterāns; Rīga d., Dāvji vill., 20.06.2004 (1) garden, in flight, leg. U.Piterāns; Talsi d., Slīteres NP, Kolka vill., 18.07.2004 (1) at old school, on light (old hollow Horse Chestnut tree (*Aesculus* sp.) nearby), leg. U.Piterāns.

Neomida haemorrhoidalis (FABRICIUS, 1787)

Rīga d., Cekule vill., 15.05.2002 (1) birch forest, on tree fungi, leg. K.Vilks; 28.09.2002 (num.) leg. K.Vilks; Rīga d., Dāvji vill., 31.07.2003 (num.) in *Fomes* sp. fungi on dead birches (*Betula* sp.), leg. U.Piterāns; Ogre d., Ogre, Zilie kalni hills, 29.05.2004 (1) mixed forest, rotten birch (*Betula* sp.) wood, leg. U.Piterāns.

Pentaphyllus testaceus (HELLWIG, 1792)

Gulbene d., Pededzes lejtece PNT, right side of River Pededze opposite Silinieki vill., 26,8591 E, 57,0240 N, 13.07.2003 (1) pasture woodland, on rotting *Laetiporus sulphureus* polypore on old standing Pedunculate Oak (*Quercus robur*), leg. D.Telnov.

Uloma culinaris (LINNAEUS, 1758)

Rīga d., Dāvji vill., 20-23.06.1997 (2) very rotten wood, leg. U.Piterāns; Daugavpils d., Medumi, 15.07.2004 (2) old parkland, rotten Pedunculate Oak (*Quercus robur*) wood, leg. D.Telnov; Rīga d., Dāvji vill., 04.08.2004 (1) on light, leg. U.Piterāns.

Neatus picipes (HERBST, 1797)

Rīga d., Cekule vill. env., Jaunpīdīņi house env., 08.07.2004 (4 larvae, 1 imago) soft delignified wood, separated along the growth rings, of fallen Small-leaved Lime (*Tilia cordata*), leg. P.F.Whitehead; Talsi d., Slīteres NP, Kolka vill., 07.08.2004 (1) Rīga Gulf coastal pine forest, leg. R.Spots.

Corticeus pini (PANZER, 1799)

Ogre d., Ogre, Zilie kalni hills, 09.05.2004 (1) under bark of dead standing Scots Pine (*Pinus sylvestris*), leg. U.Piterāns.

Corticeus unicolor PILLER, MITTERPACHER, 1783

Ogre d., Ogre, ~2 km W Zilie kalni hills, 15-16.05.2004 (num.) under bark of dead standing birches (*Betula* sp.), leg. U.Piterāns.

Cerambycidae*Ergates faber faber* (LINNAEUS, 1761)^{PS}

Ventspils d., 21,8710 E, 57,5533 N, Irbene vill. and the former tanks butt area env., between Laži and Ailonkas houses, 07.08.2004 (1 larval fragment), old cutting area in pine forest, in hard stump wood of Scots Pine (*Pinus sylvestris*), leg. D.Telnov.

Nothorhina muricata (DALMAN, 1817)^{PS}

Talsi d., Slīteres NP, Kolka vill., 14-15.07.2004 (3, two *in copula*) on dry standing insolated Scots Pine (*Pinus sylvestris*), leg. U.Piterāns & V.Spuņģis; Valka d., Vijciems, at the Vijciems Evangelic church, 25.09.2004 (observed on four Scots Pines (*Pinus sylvestris*)), leg. M.Kalniņš.

Rhamnusium bicolor (SCHRANK, 1781)

Rīga city, Dārzciems, Dārzciema iela at Sesku iela cross, 10.06.2004 (2, *in copula*) on standing poplar (*Populus* sp.), leg. A.Napolov; Rīga city, Rīga, Ķengarags, near the Universal School of Commerce building, 08.07.2004 (1) on hollow Horse Chestnut tree (*Aesculus* sp.), leg. U.Piterāns.

Stenocorus meridianus (LINNAEUS, 1758)

Ogre d., Vērenes gobu un vīksnu audze PNT, Madliena, 28.07.2001 (1) on blooms at forest edge, leg. K.Vilks.

Brachyta interrogationis interrogationis (LINNAEUS, 1758)

Cēsis d., Taurene, 07.06.2003 (1) mixed forest edge, leg. A.Karpa.

Macroleptura thoracica (CREUTZER, 1799)

Ventspils d., Moricsala SNR, 15.07.1980 (1) on old standing Small-leaved Lime (*Tilia cordata*), leg. A.Piterāns.

Stictoleptura variicornis (DALMAN, in SCHÖNHERR, 1817)

Talsi d., Slīteres NP, Slītere vill., 22.07.2002 (1) meadows opposite Dāvida ravine, on blooms, leg. K.Vilks.

Anoplodera sexguttata (FABRICIUS, 1775)^{PS}

Gulbene d., Pededzes lejtece PNT, 16.06.2002 (1) on blooms, leg. K.Vilks; Kuldīga d., Rudbārži vill., 24.06.2002 (1) on blooms at edge of mixed forest, leg. K.Vilks; Gulbene d., Pededzes lejtece PNT, right side of River Pededze opposite Silinieki vill., 26,8591 E, 57,0240 N, 13.07.2003 (1) pasture woodland, on *Filipendula ulmaria* blooms, leg. D.Telnov; Rīga d., Gaujas NP, between Sigulda and Turaida, ancient valley of the River Gauja, near path to the Gūtmaņa cave, 11.06.2004 (1) on blooms, U.Piterāns; between the Gūtmaņa cave and Krimulda Castle ruins, 10.07.2004 (num., also *in copula*) on flowers, mainly *Filipendula ulmaria*, *Aegopodium podagraria*, leg. D.Telnov, U.Piterāns & P.F.Whitehead.

* *Alosterna ingrica* (BAECKMANN, 1902)

Gulbene d., Pededzes lejtece PNT, right side of River Pededze opposite Silinieki vill., 26,8591 E, 57,0240 N, 15.06.2003 (1) pasture woodland, on base of old standing oak trunk, leg. C.Fägerström; Gulbene d., Pededzes lejtece PNT, right side of River Pededze opposite Silinieki vill., 26,8591 E, 57,0240 N, 13.07.2003 (1) pasture woodland on *Filipendula ulmaria* flowers, leg. R.Pettersson.

Necydalis major LINNAEUS, 1758

Ventspils d., Oviši vill., 28.06.2002 (1) on Grey Alder (*Alnus incana*), leg. V.Spuņģis; Talsi d., Slīteres NP, Kolka vill., 10.07.2002 (1) on Grey Alder (*Alnus incana*), leg. K.Vilks; Rīga d., Jūrmala city, Asari, Rīga Gulf shore, 15.07.2002 (1) leg. A.Piterāns; Talsi d., Slīteres NP, Slītere vill., 22.07.2002 (1) meadows opposite Dāvida ravine, on flowers, leg. K.Vilks; Cēsis d., Taurene, 14.07.2003 (1) old park, in flight, leg. V.Spuņģis; Limbaži d., LSC x0520823 y6405919, Kuiviži, 26.07.2003 (1) moist alder forest, on freshly dead standing alder (*Alnus glutinosa*) tree, leg. D.Telnov; Rīga city, Piejūras Nature park, Vakarbuļļi, 04.08.2003 (1) moist deciduous forest, leg. D.Telnov; Limbaži d., 2 km W Viķi vill., River Salaca valley PNT, 17.07.2004 (num. larvae), moist forest of Grey Alder (*Alnus incana*), leg. D.Telnov; Limbaži d., way from Rozēni to the KoduKapzemes purvs (peat bog), ~1 km W Ogu purvs (bog), ~2 km NW Vecogu house, 25.07.2004 (1) old cutting area, on old ash (*Fraxinus excelsior*) stump, leg. F.Kovalevsky; Rīga d., 24,2186 E, 57,1257 N, Piejūras Nature park, Garupe, River Langa valley, 08.08.2004 (num. imago fragments and larvae), moist alder forest, in dead standing alder (*Alnus glutinosa*) trunks, leg. D.Telnov.

* *Stromatium unicolor* (OLIVIER, 1795)

Rīga d., Ķemeri NP, Ķemeri, 11.06.1973 (1) leg. V.Šmits. Possibly an imported species, not native to Latvia.

* *Ropalopus macropus* (GERMAR, 1824)

Bauska d., 24,4832 E, 56,2956 N, Straumeņu mežs (Paņemūnes meži PNT),

02.06.2004 (5) on young deciduous trees, leg. A.Napolov.

Semanotus undatus (LINNAEUS, 1758)

Rīga d., Ķemeri NP, Ķemeri, 11.04.1954 (num.) on dead Norway Spruce (*Picea abies*), leg. V.Šmits.

Poecilium (Poecilium) alni alni (LINNAEUS, 1767)

Bauska d., 24,4832 E, 56,2956 N, Straumeņu mežs (Paņemūnes meži PNT), 02.06.2004 (2) on wood of dead Pedunculate Oak (*Quercus robur*), leg. A.Napolov.

Clytus arietis (LINNAEUS, 1758)

Aizkraukle d., Daugavas ieleja PNT, Aizkraukle, 01.06.2002 (2) River Daugava valley, leg. V.Spuņģis; Talsi d., Talsu pauguraine Nature park, Stūrīši, 07.06.2002 (1) leg. V.Spuņģis; Liepāja d., Kalvene vill., Rīga-Liepāja highway at Stulbe river, 14.06.2001 (2) on flowers at edge of mixed forest, leg. K.Vilks; Gulbene d., Pededzes lejtece PNT, 16.06.2002 (1) deciduous forest, on Pedunculate Oak (*Quercus robur*), leg. K.Vilks; Kuldīga d., River Padure mouth, 21.06.2002 (2) leg. V.Spuņģis; Dobele d., Annenieki env., Rumbas vill., 27.06.2003 (1) leg. V.Spuņģis; Talsi d., Slīteres NP, Slītere vill., 18.07.2004 (1) meadows opposite Dāvida ravine, on small standing oak trunk, leg. K.Vilks.

Plagionotus detritus detritus (LINNAEUS, 1758)

Gulbene d., Pededzes lejtece PNT, 2 km S of Vīkšņi houses, 27.07.2003 (1) shaded deciduous forest, window trap at oak hollow, leg. J.Gailis, K.Vilks.

Mesosa (Aphelocnemia) myops (DALMAN, 1817)^{PS}

? d., Šķēde, 15.07.1954 (1) in flight, leg. V.Šmits.

Note: There are at least three places in Latvia called "Šķēde". Unfortunately, no district information is given on the label of this old specimen.

Monochamus rosenmuelleri (CEDERHJELM, 1798)

Rīga city, city centre, Avotu iela, 25.06.1996 (1) on pavement, leg. A.Piterāns; Talsi d., Slīteres NP, Slītere vill. env., ~4 km E from Slītere lighthouse 14.07.2003 (1) on fallen Norway Spruce (*Picea abies*), leg. U.Piterāns.

* *Monochamus saltuarius* GEBLER, 1830

Rīga d., Dāvji vill., 25.06.2004 (1) on dead standing trunk of Norway Spruce (*Picea abies*) at edge of cutting area, leg. U.Piterāns.

Pogonocherus hispidulus (PILLER, MITTERPACHER, 1783)

Talsi d., Slīteres NP., Slītere vill., 18.07.2004 (1) primary mixed forest, leg. K.Vilks.

Aegomorphus clavipes (SCHRANK, 1781)

Gulbene d., Pededzes lejtece PNT, opposite to Silenieki, 07.06.2002 (num.) on fallen alder (*Alnus* sp.), leg. K.Vilks; Gulbene d., Litene vill., 16.06.2002 (1) on fallen Aspen (*Populus tremula*), leg. K.Vilks; Rīga d., Dāvji vill., 10-13.08.2003 (4) on fallen Aspen (*Populus tremula*), leg. U.Piterāns; 26.06.2004 (1) on fallen Aspen (*Populus tremula*) trunk, leg. U.Piterāns; Ogre d., Ogre, Zilie kalni hills, 05-06.06.2004 (2) on fallen trunk of Silver Birch (*Betula pendula*) on cutting area, leg. U.Piterāns; Gulbene d., Pededzes lejtece PNT, near Vecdziesnieki houses, 12.06.2004

(1) mixed forest, on fallen Aspen (*Populus tremula*), leg. K.Vilks. Limbaži d., KoduKapzemes purvs (peat bog) S env. (~ 500 m from southern edge of bog), 25.07.2004 (1) old cutting area, on old, rotten stump of Aspen (*Populus tremula*), leg. D.Telnov.

Leiopus punctulatus (PAYKULL, 1800)

Rīga d., Dāvji vill., 20.06.2004 (1) on fallen branch of Aspen (*Populus tremula*), leg. U.Piterāns.

Stenostola dubia (LAICHARTING, 1784)

Bauska d., 24,4832 E, 56,2956 N, Straumeņu mežs (Paņemūnes meži PNT), 02.06.2004 (num.) on young trees and bushes, leg. A.Napolov.

Saperda (Saperda) perforata (PALLAS, 1773)

Balvi d., Rugāji vill. env., 16.06.2001 (1) aspen forest clear cutting, on blooms, leg. J.Gailis; Ogre d., Madliena, 28.07.2001 (2) mixed forest, on the bark of Aspen (*Populus tremula*), leg. K.Vilks; Gulbene d., Pededzes lejtece PNT, near Vecdziesnieki farm, 12.06.2004 (1) on fallen Pedunculate Oak (*Quercus robur*) in meadow, leg. K.Vilks; Rīga d., Dāvji vill., 25-26.06.2004. (2) on poplar (*Populus* sp.) trunk on a cutting area, leg. U.Piterāns; Limbaži d., Rozēni vill. env., Ēvelites house SE env., 25.07.2004 (1) cutting area, on dead standing trunk of Aspen (*Populus tremula*), leg. D.Telnov.

Bruchidae

* *Bruchus laticollis* BOHEMAN, 1833

Tukums d., Engures ezers Nature park, Bērzciems env., 22.06.2003 (1) leg. A.Karpa.

Bruchidius marginalis (FABRICIUS, 1776)

Jēkabpils d., Jēkabpils SW env. along the road P72, 17.06.2003 (1) cutting area in deciduous forest, beaten from vegetation, leg. C.Fägerström.

* *Spermophagus sericeus* (GEOFFROY, 1785)

Liepāja d., N border of Liepāja city, 13.06.2003 (num.) meadow, in grass, leg. C.Fägerström.

Chrysomelidae

Cryptocephalus coryli (LINNAEUS, 1758)

Madona d., Teiči SNR, Sildi houses, 02.08.2003 (1) on willow (*Salix* sp.), leg. U.Piterāns.

Cryptocephalus decemmaculatus (LINNAEUS, 1758)

Rīga d., Dāvji vill., 23.06.2003 (1) on willow (*Salix* sp.), leg. U.Piterāns; Madona d., Teiči SNR, Sildi houses, 01.08.2003 (1) on willow (*Salix* sp.), leg. U.Piterāns; Preiļi d., peleči vill. N env., Peleču ezera (lake) purvs (bog) PNT, 19.06.2004 (1) lower bog, on willow (*Salix* sp.), leg. D.Telnov.

Gonioctena intermedia (HELLIESEN, 1913)

Rīga d., Gaujas NP, Sigulda, hill Gleznatājkalns env., 28.06.1994 (1) mixed forest edge at the hill, on scrubs, leg. D.Telnov; Ogre d.: Vērene vill, 24.05.2003 (2) edge of the deciduous forest, leg. D.Telnov; Rīga d., Cekule vill. env., Jaunpidiņi house env.,

10.05.2003 (2) on young Silver Birches (*Betula pendula*), leg. D.Telnov.

Cassida panzeri WEISE, 1907

Rīga d., Gaujas NP, Turaida env., 12.07.2003 (1) deciduous forest, leg. H.Silfverberg.

Apionidae

* *Protapion interjectum* (DESBROCHERS DES LOGES, 1895)

Tukums d., Engures ezers Nature park, Bērziems env., 03.08.1999 (1) leg. A.Karpa; 10.07.2001 (1) leg. A.Karpa; 21.06.2002 (2) leg. A.Karpa; 22.06.2003 (3) leg. A.Karpa; Limbaži d., Kuiviži env., Randu pļavas PNT, 30.05.2002 (5) moist coastal meadows, leg. A.Karpa; 29.05.2003 (1) leg. A.Karpa.

* *Catapion pubescens* (KIRBY, 1811)

Tukums d., Engures ezers Nature park, Bērziems env., 05.08.1998 (1) leg. A.Karpa.

* *Ceratapion (Ceratapion) basicorne* (ILLIGER, 1807)

Tukums d., Engures ezers Nature park, Bērziems env., 22.06.1995 (2) meadow, leg. A.Karpa.

Curculionidae

* *Rhinocyllus conicus* (FRÖLICH, 1792)

Talsi d., Slīteres NP, Slītere vill. at lighthouse, 14.06.2003 (1) primary mixed forest, leg. C.Fägerström.

Dorytomus nordenskioldi FAUST, 1882

Rīga d., Gaujas NP, Sigulda, right side of River Gauja below the bridge, 12.07.2003 (1) low meadows, on bushes, leg. J.-F.Voisin.

Gymnetron antirrhini (PAYKULL, 1800)

Cēsis d., Gaujas NP, Skaļupes vill. Env., River Gauja valley, 06-11.07.2003 (1) on *Linaria* sp., leg. J.-F.Voisin.

* *Sitona cinerascens* (FÅHRAEUS, 1840)

Tukums d., Engures ezers Nature park, Bērziems env., 20.07.2004 (1) leg. K.Vilks.

* *Litodactylus leucogaster* (MARSHAM, 1802)

Tukums d., Engures ezers Nature park, Bērziems env., 14.08.2000 (1) leg. A.Karpa.

* *Ceutorhynchus abbreviatulus* (FABRICIUS, 1792)

Aizkraukle d., between Nereta and Sproģi, River Dienvidsūseja valley, 17.06.2003 (1) in grass, leg. C.Fägerström.

* *Ceutorhynchus geographicus* (GOEZE, 1777)

Limbaži d., Kuiviži env., Randu pļavas PNT, 27.06.2001 (1) moist coastal meadows, leg. A.Karpa.

* *Rhynchaenus calceatus* (GERMAR, 1821)

Talsi d., Slīteres NP at Slītere vill., 14.07.2001 (1) border of the mixed forest, leg. D.Telnov.

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Kopsavilkums

Rakstā apkopota informācija par 47 Latvijas / Baltijas / Fenoskandijas faunām jaunām vaboļu (Coleoptera) sugām un sniegtas ziņas par 205 mazpazīstamām sugām, kas ievāktas laikā posmā no 1954. līdz 2005. gadam.

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