

A review of the subtribe *Staphylinina* Latreille, 1802 (Coleoptera: Staphylinidae) in the fauna of Latvia

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New data about rove beetle species of *Staphylinina* Latreille, 1802 subtribe are summarized in the article.

Key words: Coleoptera, Staphylinidae, *Staphylinina*, Latvia, fauna.

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INTRODUCTION

First data about the rove beetle species of *Staphylinina* Latreille, 1802 subtribe in the Latvian fauna appeared in 1875 in Fisher's work about the nature of Livland (Fisher 1784). More than 40 works were published later, from which fragmentary and incomplete information about rove beetles of this tribe can be found. This is the first resumptive work and specific research about rove beetles of the *Staphylinina* Latr. subtribe in the Latvian fauna. The aim of this research was to review and summarize unpublished data from collections of the rove beetle species of the *Staphylinina* Latr. subtribe.

474 specimens of rove beetles were reviewed in the investigations, representing 19 species and 8 genera. The reviewed rove beetles were from various collections: the collection of beetles of Daugavpils University Institute of Systematic Biology (DUBC), the private collection of this article's author (RCC), the collection of the Latvian Natural History Museum (LDM) and the

collection of the Latvian University Museum of Systematic Zoology (LMSZ).

"Catalogue of Palearctic Coleoptera, Volume 2" (Lobl & Smetana 2004) and H. Coiffait's work on Palearctic rove beetles (Coiffait 1974) were used for the specification of species' systematics. The catalogues of Palearctic and world rove beetles (Lobl & Smetana 2004, Herman 2001) were used for the nomenclature of scientific names of the species. The information about the species, which can be found from Latvia was based on North European and Latvian catalogues of beetles (Silfverberg 2004, Telnov 2004). The following information is given in the list of species: the name of the species, published bibliographical sources in Latvia and unpublished material from the reviewed collections.

RESULTS AND DISCUSSION

Species of the *Staphylinina* Latr. subtribe can be traced worldwide. At the moment 42 genera

and 863 species are known in this tribe (Herman 2001). 8 genera and 23 species are included in the Latvian fauna (Silfverberg 2004, Telnov 2004). The majority of them have wide areas of distribution: Palearctic – 7 species (*Ontholestes murinus* (L.), *Platydracus stercorarius* (Ol.), *Staphylinus caesareus* Cederh., *Ocypus ophthalmicus* (Scop.), *Ocypus picipennis* (F.), *Ocypus fulvipennis* (Er.), *Tasgius ater* (Grav.)), Euro-Caucasian – 7 species (*Emus hirtus* (L.), *Platydracus chalconecephalus* (F.), *Ocypus nitens* (Schrank), *Ocypus brunnipes* (F.), *Tasgius pedator* (Grav.), *Tasgius melanarius* Heer, *Tasgius globulifer* (Frcr.)), Euro-Siberian – 4 species (*Ontholestes tessellatus* (Geoffr.), *Platydracus fulvipes* (Scop.), *Staphylinus erythropterus* L., *Ocypus fuscatus* (Grav.)), European – 4 species (*Dinothenarus pubescens* (De G.), *Platydracus latebricola* (Grav.), *Staphylinus dimidiaticornis* Gemm., *Ocypus aeneocephalus* (De G.)) and Holarctic – 1 species (*Creophilus maxillosus* (L.)) (Lobl & Smetana 2004, Herman 2001).

Platydracus chalconecephalus (F.) should be mentioned as an infrequent and little known species. It has not been mentioned in the literature with specific reference to the Latvian fauna and in the reviewed collections it is represented by only 2 specimens. *Tasgius ater* (Grav.) is a rather infrequent species with only 5 records from Latvia.

In the checked collections the previously reviewed material of two species had been identified incorrectly. Some of the *Ocypus picipennis* (F.) specimens had been confused with *Ocypus aeneocephalus* (De G.) and some of the reviewed *Ocypus brunnipes* (F.) specimens were incorrectly identified as *Tasgius pedator* (Grav.). It is unclear how reliable the data given in the literature are. However species *O. picipennis* (F.) and *O. brunnipes* (F.) are considered to be much more widely distributed in Latvia, because according to the collections' data, they have been confused with other species.

Changes in the distribution and frequency of occurrence can be observed for some species in the Latvian fauna. One of these is *Staphylinus caesareus* Cederh., which has been mentioned

rather often in older literature. During the last 60 years, new data about *S. caesareus* Cederh. have been published very rarely and the species has been represented only by 4 exemplars in the reviewed collections. Reduction in the range of this species can be perceived across Latvia. Whereas *S. dimidiaticornis* Gemm., which was published for the first time in Latvia only in 1979 (Stiprais 1979), has become much more frequent. Very little information about this species can be found in the literature, however its specimens are widely represented in the material of the reviewed collections, which had been gathered during the last 20 years.

One of the species of *Staphylinina* Latr. subtribe - *Emus hirtus* (L.) has been included in the Latvian Red Data Book. Until the beginning of the 1990s, the species was known from 7 records in Latvia and was considered to be a rare species. In recent years, the number of *E. hirtus* (L.) records has increased considerably, and the species is distributed much more widely.

The majority of rove beetle species of the *Staphylinina* Latr. subtribe are theoretically widespread and can be traced very often in the confirmed records, especially for such species as *Ontholestes tessellatus* (Geoffr.), *O. murinus* (L.), *Staphylinus erythropterus* L. and *Ocypus fuscatus* (Grav.). However, it is too early to make concrete conclusions about changes in their distributions due to lack of information, until deeper researches have been made.

LIST OF SPECIES

Staphylinina Latreille, 1802

Dinothenarus (s.str.) *pubescens* (De Geer, 1774)

Seitlitz 1872-1875; Ulanowski 1883; Seitlitz 1887-1891; Rathlef 1905; Danks 1943; Stiprais 1979; Stiprais, Varzinska 1985; Silfverberg 1992; Barševskis 1993a; Telnov et al. 1997; Barševskis et al. 2002; Barševskis et al. 2004; Silfverberg 2004; Telnov 2004

Examined material: 7 exs. – Localities (fig. 1): Daugavpils distr., Vabole, on the dung of elk in clearing of mixed forest, 27.IV.1997, 1 ex., R.Cibuļskis leg. (RCC), the same place, 11.IV.1998, 1 ex., R.Cibuļskis leg. (RCC); Daugavpils distr., Skrudaliena p., Ilgas, Silene Nature Park, 18.VI.1995, 1 ex., A.Barševskis leg. (DUBC), 19.VI.1995, 1 ex., A.Barševskis leg. (DUBC); Krāslava distr., Šķeltova, 28.VII.1995, A.Barševskis leg. (DUBC); Krāslava distr., Stivriņi, 04.IV.1986, 1 ex., A.Barševskis leg. (DUBC); Jēkabpils distr., Dunava, forest soil, 15.-16.IV.1995, 1 ex., A.Barševskis leg. (DUBC); Ludza distr., Mežvidi p., Otrie Mežvidi, 10.VI.1987, 1 ex., K.Ozoliņš leg. (LDM); Saldus distr., Ruba p., Reņģe, 11.VIII.1926, 1 ex. (LDM).

***Ontholestes tessellatus* (Geoffroy, 1785)**

Ulanowski 1883; Danks 1939; Lackschewitz, Mikutowicz 1939; Danks 1943; Stiprais 1979; Stiprais, Varzinska 1985; Silfverberg 1992; Barševskis 1993a; Telnov et al. 1997; Barševskis et al. 2002; Silfverberg 2004; Telnov 2004

Examined material: 57 exs. – Localities (fig. 2): Daugavpils distr., Līksna, 14.V.1994, 1 ex., R.Cibuļskis leg. (DUBC), 14.VII.1994, 1 ex., R.Cibuļskis leg. (DUBC), 24.VII.1994, 1 ex., R.Cibuļskis leg. (DUBC), 13.VI.1996, 1 ex., R.Cibuļskis leg. (DUBC); Daugavpils distr., Nīcgale, in clearing of mixed forest on decay sap of birch, 04.V.2001, 1 ex., R.Cibuļskis leg. (DUBC); Daugavpils distr., Naujene p., Stropi, on dung of cow, 04.VIII.2006, 2 exs., A.Bukejs leg. (DUBC), on dung of cow, 2 exs., A.Bukejs leg. (DUBC); Daugavpils distr., Skrudaliena p., Ilgas, Silene Nature Park, 09.V.1996, 1 ex., A.Barševskis leg. (DUBC), 01.V.1997, 1 ex., A.Barševskis leg. (DUBC); Daugavpils distr., Bebrene, 28.V.2005, 1 ex., E.Rudāns leg. (DUBC), 01.VII.2006, 1 ex., E.Rudāns leg. (DUBC), 09.IX.2006, 2 exs., E.Rudāns leg. (DUBC); Krāslava distr., Šķeltova, 27.VII.1989, 2 exs., A.Barševskis leg. (DUBC), 02.X.1993, 1 ex., A.Barševskis leg. (DUBC), 28.VII.1995, 1 ex., A.Barševskis leg. (DUBC); Krāslava distr., Indrica, 23.VII.1991, 1 ex., A.Barševskis leg. (DUBC); Preiļi distr., Jersika, 10.VII.2005, 2 exs., I.Gurčonoks leg. (DUBC),

„Kurpnieki”, 23.-24.VI.2006, 2 exs., A.Barševskis, K.Barševska leg. (DUBC); Jēkabpils distr., Aknīste, on decay sap of birch, 04.V.1991, 1 ex., J.Soms leg. (DUBC); Jēkabpils distr., Rubeņi, 28.IV.1999, 1 ex., I.Leiskina leg. (DUBC), in forest on fungi, 19.VIII.2000, 1 ex., I.Leiskina leg. (DUBC), 22.VI.2000, 1 ex., I.Leiskina leg. (DUBC), 08.VII.1997, 1 ex., I.Leiskina leg. (DUBC), 18.VII.1997, 1 ex., I.Leiskina leg. (DUBC), in park, 08.VIII.1999, 1 ex., I.Leiskina leg. (DUBC); Jēkabpils distr., Dunava, 13.VIII.1996, 1 ex., A.Barševskis leg. (DUBC), 16.VIII.1997, 1 ex., A.Barševskis leg. (DUBC), 01.-08.VII.2006, 1 ex., A.Barševskis, K.Barševska leg. (DUBC); Aizkraukles distr., Koknese, 18.VII.1943, 2 exs., L.Danka leg. (LDM); Madona distr., Krustkalni Nature Reserve, 11.VIII.2005, 3 exs., A.Bukejs, A.Barševskis, J.Laizāns leg. (DUBC), 1 ex., A.Barševskis leg. (DUBC); Ogre distr., Birzgalē p., Robežnieki, 30.V.2006, 3 exs., A.Barševskis leg. (DUBC); Ogres distr., Suntaži, 04.V.1981, 1 ex., A.Titovs leg. (LDM); Ogre distr., Ikšķīle, 02.V.1987, 1 ex., K.Ozoliņš leg. (LDM); Gulbenes distr., Ušūrs, 10.VII.2005, 2 exs., A.Barševskis leg. (DUBC), 11.VIII.2005, 2 exs., A.Barševskis leg. (DUBC); Valka distr., Launkalne p., Mežole, 15.VIII.2005, 1 ex., A.Barševskis leg. (DUBC); Rīga distr., Sēja p., Pabaži, 16.VIII.1987, 1 ex., K.Ozoliņš leg. (LDM), 13.VII.1987, 1 ex., K.Ozoliņš leg. (LDM), 10.VII.1987, 1 ex., K.Ozoliņš leg. (LDM); Rīga distr., Saulkrasti, Inčupe, 10.IX.1988, 1 ex., K.Ozoliņš leg. (LDM); Rīga distr., Sala p., Kūdra, 26.VII.1997, 1 ex., A.Titovs leg. (LDM); Rīga distr., Carnikavas p., Garupe, 18.VI.1976, 1 ex., Dmitrijevs leg., dārzā uz mēsliem, 09.VIII.1975, 1 ex. (LDM), railway station, 22.V.1977, 1 ex., S.Burnakovs leg. (LDM); Saldus distr., Ruba p., Reņģe, 26.VIII.1925, 1 ex. (LDM).

***Ontholestes murinus* (Linnaeus, 1758)**

Fisher 1784; Fisher 1791; Seitlitz 1872-1875; Seitlitz 1887-1891; Rathlef 1905; Danks 1939; Danks 1943; Danka, Stiprais 1972; Stiprais 1979; Stiprais, Varzinska 1985; Silfverberg 1992; Barševskis 1993a; Telnov et al. 1997; Barševskis et al. 2002; Silfverberg 2004; Telnov 2004

Examined material: 55 exs. – Localities (fig. 3): Daugavpils distr.; Līksna, VIII.1993, 2 exs., R.Cibuļskis leg. (DUBC), 07.V.1994, 9 exs., R.Cibuļskis leg. (DUBC), 13.V.1994, 2 exs., R.Cibuļskis leg. (DUBC), 14.V.1994, 9 exs., R.Cibuļskis leg. (DUBC), 15.V.1994, 3 exs., R.Cibuļskis leg. (DUBC), on dead sheep near coniferous forest, 17.VIII.1994, 1 ex., R.Cibuļskis leg. (DUBC); Daugavpils distr., Vabole, on dead fish on waterside of Vabole lake, 26.VI.1999, 1 ex., R.Cibuļskis leg. (DUBC); Daugavpils distr., Skrudaliena p., Ilgas, Silene Nature Park, in forest clearing on putrid herring, 04.V.1991, 1 ex., J.Soms leg. (DUBC), in forest clearing on dead hedgehog, 07.VI.1991, 1 ex., J.Soms leg. (DUBC), 09.VI.1991, 1 ex., A.Barševskis leg. (DUBC), 18.VI.1995, 1 ex., A.Barševskis leg. (DUBC), 28.V.1996, 1 ex., A.Barševskis leg. (DUBC), Jakubovas sausās pļavas, zirga mēšlos, 09.VI.2000, 3 exs., A.Barševskis leg. (DUBC), VI-VII.2000, 1 ex., I.Haka, G.Hļebnaja leg. (DUBC), 29.IV.-10.VII.2000, 1 ex., A.Rutka leg. (DUBC); Daugavpils distr., Naujene p., Stropi, on dung of cow, 04.VIII.2006, 6 exs., A.Bukejs leg. (DUBC), on dung of cow, 05.VIII.2006, 2 exs., A.Bukejs leg. (DUBC), 08.VII.2006, 1 ex., A.Bukejs leg. (DUBC); Daugavpils distr., Demene, 17.V.1994, 1 ex., A.Barševskis leg. (DUBC); Daugavpils distr., Lociki, 02.VIII.2001, 1 ex., G.Lociks leg. (DUBC); Daugavpils distr., Bebrene, 28.V.2005, 2 exs., E.Rudāns leg. (DUBC), 19.VI.2006, 1 ex., E.Rudāns leg. (DUBC), 09.IX.2006, 1 ex., E.Rudāns leg. (DUBC); Krāslava distr., Šķeltova, 09.V.1993, 1 ex., A.Barševskis leg. (DUBC), 30.VII.1995, 2 exs., A.Barševskis leg. (DUBC), 02.VIII.1995, 2 exs., A.Barševskis leg. (DUBC), 27.VII.1989, 1 ex., A.Barševskis leg. (DUBC); Preiļi distr., Jersika, 10.VII.2005, 1 ex., I.Gurčonoks leg. (DUBC), „Kurpnieki”, 23.-24.VI.2006, 11 exs., A.Barševskis, K.Barševska leg. (DUBC); Jēkabpils distr., Dunava, 12.IX.1993, 2 exs., A.Barševskis leg. (DUBC), 24.VII.1994, 1 ex., A.Barševskis leg. (DUBC), 25.VII.1994, 1 ex., A.Barševskis leg. (DUBC); Jēkabpils distr., Rubene, 08.VII.1997, 1 ex., I.Leiskina leg. (DUBC), 17.VII.1997, 1 ex., I.Leiskina leg. (DUBC), on cow dung, 24.VII.1997, 1 ex., I.Leiskina leg. (DUBC), flying near farmstead, 31.VII.1997, 1 ex., I.Leiskina leg. (DUBC);

Rīga distr., Rīga, 28.VI.1922, 1 ex., G.Zetlin leg. (LDM), 05.VI.1922, 1 ex., G.Zetlin leg. (LDM); Rīga distr., Sala p., Kūdra, 11.VI.1997, 1 ex., A.Titovs leg. (LDM); Rīga distr., Carnikavas p., Garupe, railway station, 08.VII.1976, 1 ex., S.Burnakovs leg. (LDM); Saldus distr., Ruba p., Reņģe, 16.VI.1934, 2 ex. (LDM).

***Emus hirtus* (Linnaeus, 1758)**

Derschau, Keyserlingk 1805; Seitlitz 1872-1875; Seitlitz 1887-1891; Rathlef 1905; Danks 1939; Stiprais 1979; Barševskis, Spuriņš, Oga 1992; Silfverberg 1992; Barševskis 1993a; Barševskis 1993b; Cibuļskis 1997; Telnov et al. 1997; Leiskina 1999; Barševskis 2001; Barševskis et al. 2002; Telnov 2003; Barševskis et al. 2004; Silfverberg 2004; Telnov 2004; Telnov et al. 2005; Telnov et al. 2006

Examined material: 14 exs. – Localities (fig. 4): Daugavpils distr., Skrudaliena p., Ilgas, Silene Nature Park, 01.V.1997, 2 exs., A.Barševskis leg. (DUBC), 29.IV.-10.VII.2000, 1 ex., A.Rutka leg. (DUBC); Daugavpils distr., Zaļumi, 02.IX.-23.IX.2001, 1 ex., G.Lociks leg. (DUBC); Daugavpils distr., Bebrene, 28.V.2005, 1 ex., E.Rudāns leg. (DUBC), Nature Park „Dvietes Paliene”, 23.VI.2006, 1 ex., E.Rudāns leg. (DUBC), 01.VII.2006, 2 exs., E.Rudāns leg. (DUBC); Jēkabpils distr., Dunava, on dung of cow, 12.IX.1993, 1 ex., A.Barševskis leg. (DUBC); Gulbenes distr., Beļava, VIII.1986, 1 ex., S.Čugunova leg. (DUBC); Liepāja distr., Rucava, 10.V.2004, 1 ex., (DUBC); Rīga distr., Rīga, 10.V.1957, 1 ex., 05.VI.1922, 1 ex., G.Zetlin leg. (LDM), Rīga, 1 ex., Gimmerthal leg. (LMSZ).

***Platydracus (s.str.) fulvipes* (Scopoli, 1763)**

Mikutowicz 1905; Rathlef 1905; Danks 1943; Stiprais 1979; Silfverberg 1992; Barševskis 1993a; Telnov et al. 1997; Spuņģis 2001; Barševskis et al. 2002; Barševskis et al. 2004; Silfverberg 2004; Telnov 2004

Examined material: 21 exs. – Localities (fig. 5): Daugavpils distr., Vabole, clearing of mixed forest, 07.VIII.1994, 1 ex., R.Cibuļskis leg. (RCC), the

same place, 17.VIII.1994, 1 ex., R.Cibuļskis leg. (DUBC); 27.V.1995, 1 ex., R.Cibuļskis leg. (DUBC); Jēkabpils distr., Asare, 10.VIII.2000, 1 ex., I.Leiskina leg. (DUBC); Gulbene distr., Gulbītis, in forest fire damage near Ušūrs lake, VII.2003, 1 ex., O.Koškina, A.Barševskis leg. (DUBC), the same place, VIII.2003, 1 ex., O.Koškina, A.Barševskis leg. (DUBC); Gulbene distr., Lejasciems, forest fire damage, VII.2003, 4 exs., I.Kampāne, A.Barševskis leg. (DUBC); Ventspils distr., Moricsala, Moricsala Nature Reserve, 01.-30.VI.2003, 1 ex., U.Valainis leg. (DUBC), 01.-31.VII.2003, 2 exs., U.Valainis leg. (DUBC), 01.-30.IX.2003, 1 ex., U.Valainis leg. (DUBC); Rīga distr., Carnikava p., Garupe, 15.VI.1983, 1 ex., M.Stiprais leg. (LDM), railway station, 15.V.1977, 2 exs., S.Burnakovs leg. (LDM), 10.VI.1978, 1 ex., M.Stiprais leg. (LDM); Rīga distr., Ropaži p., Bajāri, 04.VI.1973, 1 ex., M.Stiprais leg. (LDM); Rīga distr., Sēja p., Pabaži, 10.VII.1987, 1 ex., K.Ozoliņš leg. Aizkraukle distr., Koknese, 18.VII.1943, 1 ex., L.Danka leg. (LDM).

***Platydracus (s.str.) stercorarius* (Olivier, 1795)**

Seitlitz 1872-1875; Ulanowski 1883; Seitlitz 1887-1891; Jakobson 1905; Rathlef 1905; Brammanis 1930; Stiprais 1979; Silfverberg 1992; Barševskis 1996; Telnov et al. 1997; Barševskis et al. 2002; Silfverberg 2004; Telnov 2004

Examined material: 3 exs. – Localities (fig. 6): Daugavpils distr., Naujene p., Stropi, 29.VII.2006, 1 ex., A.Bukejs leg. (DUBC); Preiļi distr., Jersika, 15.VIII.1996, 1 ex., A.Barševskis leg. (DUBC); Jēkabpils distr., Kūku p., Zilāni, 1 ex., M.Stiprais leg. (LDM); Rīga distr., Garkalne, 10.VIII.1987, 1 ex., K.Ozoliņš leg. (LDM); Rīga distr., Rīga, 07.IX.1941, 1 ex. (LDM).

***Platydracus (s.str.) chaltocephalus* (Fabricius, 1801)**

Seitlitz 1887-1891; Jakobson 1905; Rathlef 1905; Telnov et al. 1997; Silfverberg 2004; Telnov 2004

Examined material: 2 exs. – Localities (fig. 7): Preiļi distr., Jersika, 15.VIII.1996, 1 ex., A.Barševskis leg. (DUBC); Aizkraukles distr.,

Koknese, 17.VII.1944, 1 ex., Danks et Strand leg. (LDM).

***Staphylinus erythropterus* Linnaeus, 1758**

Fisher 1784; Fisher 1791; Derschau, Keyserlingk 1805; Seitlitz 1872-1875; Ulanowski 1883; Seitlitz 1887-1891; Rathlef 1905; Danks 1939; Danks 1943; Stiprais 1979; Rūtenberga 1992; Silfverberg 1992; Barševskis 1993a; Telnov et al. 1997; Barševskis et al. 2002; Spungis 2002; Silfverberg 2004; Telnov 2004; Cibuļskis, Valainis, Barševskis 2005

Examined material: 114 exs. – Localities (fig. 8): Daugavpils distr., Svente, in mixed forest under fallen tree, 15.VIII.1999, 1 ex., R.Cibuļskis leg. (DUBC); Daugavpils distr., Vabole, VIII.1993, 1 ex., R.Cibuļskis leg. (DUBC), 06.XI.1993, 1 ex., R.Cibuļskis leg. (DUBC), 06.V.1994, 1 ex., R.Cibuļskis leg. (DUBC), 08.V.1994, 2 exs., R.Cibuļskis leg. (DUBC), 09.VIII.1994, 1 ex., R.Cibuļskis leg. (DUBC), coniferous forest, 24.VIII.1994, 1 ex., R.Cibuļskis leg. (DUBC), in bog near Vabole lake, 04.VII.1999, 4 exs., R.Cibuļskis leg. (DUBC); Daugavpils distr., Līksna, 22.IV.1994, 1 ex., R.Cibuļskis leg. (DUBC); Daugavpils distr., Naujene p., Stropi, forest clearing, 09.VII.2006, 1 ex., A.Bukejs leg. (DUBC); Daugavpils distr., Skrudaliena p., Ilgas, Silene Nature Park, 09.IV.1994, 1 ex., A.Barševskis leg. (DUBC), 29.IV.-01.VII.2000, 1 ex., L.Nikitina leg. (DUBC), VI.-VII.2000, 3 exs., I.Haka, G.Hļebnaja leg. (DUBC), 07.V.-06.VI.2001, 2 exs., G.Lociks leg. (DUBC), 11.VI.2001, 1 ex., I.Valpētere leg. (DUBC), 12.IX.2001, 1 ex., G.Lociks leg. (DUBC), 12.VII.2002, 1 ex., U.Valainis, A.Barševskis leg. (DUBC), VII.2002, 1 ex., A.Barševskis leg. (DUBC), 06.-15.VI.2004, 3 exs., A.Barševskis leg. (DUBC); Krāslava distr., Šķeltova, 29.VIII.1994, 1 ex., A.Barševskis leg. (DUBC), 03.VIII.1995, 1 ex., A.Barševskis leg. (DUBC); Krāslava distr., Šķaune, 02.VI.1987, 4 exs., K.Ozoliņš leg., (LDM); Preiļi distr., Jersika, „Kurpnieki”, 07.VI.2006, 1 ex., A.Barševskis, K.Barševska leg. (DUBC); Jēkabpils distr., Zasa, 19.VI.2000, 1 ex., I.Leiskina leg. (DUBC); Jēkabpils distr., Asare, 02.VIII.2000, 1 ex., I.Leiskina leg. (DUBC); Jēkabpils distr., Tadenava, forest clearing, 01.VI.2006, 1 ex., A.Barševskis leg. (DUBC); Aizkraukles distr.,

Aizkraukle, forest clearing, 04.V.1995, 2 exs., A.Barševskis leg. (DUBC); bog, 19.VIII.1995, 2 exs., A.Barševskis leg. (DUBC); Aizkraukles distr., Valle p., Taurkalne, 18.VII.2005, 6 exs., J.Donis leg. (DUBC), 15.VIII.2005, 1 ex., J.Donis leg. (DUBC); Aizkraukle distr., Koknese, 18.VII.1943, 2 exs., L.Danka leg. (LDM); Gulbene distr., Lejasciems, fire damage forest, VII.2003, 2 exs., I.Kampāne, A.Barševskis leg. (DUBC), fire damage forest, VIII.2003, 1 ex., I.Kampāne, A.Barševskis leg. (DUBC); Balvi distr., Kuprava, 27.VIII.1994, 1 ex., A.Barševskis leg. (DUBC); Talsi distr., Kolka, 10.VI.2005, 1 ex., E.Rudāns leg. (DUBC); Talsi distr., Ģibuļi p., Mordanga, 07.X.2005, 1 ex., J.Donis leg. (DUBC); Ventspils distr., Moricsala, Moricsala Nature Reserve, 03.-05.VIII.2002, 1 ex., U.Valainis leg. (DUBC), 15.-30.V.2003, 4 exs., U.Valainis leg. (DUBC), 01.-30.VI.2003, 34 exs., U.Valainis leg. (DUBC), 01.-31.VII.2003, 25 exs., U.Valainis leg. (DUBC), 01.-31.VIII.2003, 10 exs., U.Valainis leg. (DUBC), 01.-31.X.2003, 1 ex., U.Valainis leg. (DUBC), 29.VI.2006, 4 exs., A.Barševskis leg. (DUBC); Rīga distr., Rīga, Dārziņi, 18.V.1971, 1 ex., M.Stiprais leg. (LDM); Rīga, 09.V.1943, 1 ex., M.Stiprais leg. (LDM); Rīga distr., Carnikava p., Garupe, 04.VII.1978, 3 exs., M.Stiprais leg. (LDM), 26.V.1978, 1 ex., M.Stiprais leg. (LDM), 02.VIII.1978, 1 ex., M.Stiprais leg. (LDM), railway station, 05.XI.1975, 1 ex., M.Stiprais leg. (LDM); Rīga distr., Saulkrasti, Inčupe, 14.V.1987, 1 ex., K.Ozoliņš leg. (LDM), 01.IX.1988, 1 ex., K.Ozoliņš leg. (LDM); Ogres distr., Suntaži, 16.V.1987, 2 exs., A.Titovs leg. (LDM); Ogres distr., Ikšķile, Tīnuži, 04.V.1988, 1 ex., A.Titovs leg. (LDM); Cēsu distr., Drabešu p., railway station Ieriķi, 15.V.1988, 1 ex., A.Titovs leg. (LDM).

***Staphylinus caesareus* Cederhjelm, 1798**

Seitlitz 1872-1875; Ulanowski 1883; Seitlitz 1887-1891; Rathlef 1905; Brammanis 1930; Danks 1939; Vītols 1941; Stiprais 1979; Silfverberg 1992; Barševskis 1993a; Telnov et al. 1997; Silfverberg 2004; Telnov 2004

Examined material: 2 exs. – Localities (fig. 9): Ogre distr., Suntaži, 21.VIII.1987, 1 ex., A.Titovs

leg. (LDM); Saldus distr., Ruba p., Reņģe, 03.VII.1927, 1 ex. (LDM).

***Staphylinus dimidiaticornis* Gemminger, 1851**

Stiprais 1979; Silfverberg 1992; Barševskis 1993a; Telnov et al. 1997; Barševskis et al. 2002; Silfverberg 2004; Telnov 2004

Examined material: 37 exs. – Localities (fig. 10): Daugavpils distr., Daugavpils, 01.-06.V.1998, 1 ex., A.Barševskis leg. (DUBC); Daugavpils distr., Līksna, 09.IX.1994, 1 ex., R.Cibuļskis leg. (DUBC); Daugavpils distr., Vabole, VIII.1993, 1 ex., R.Cibuļskis leg. (DUBC), 18.IX.1993, 1 ex., R.Cibuļskis leg. (DUBC), in meadow under stone, 24.VII.1995, 1 ex., R.Cibuļskis leg. (DUBC), the same place, 28.VII.1995, 1 ex., R.Cibuļskis leg. (DUBC), in meadow near pond, 31.VII.1995, 1 ex., R.Cibuļskis leg. (DUBC), 26.VIII.1995, 1 ex., R.Cibuļskis leg. (DUBC); Daugavpils distr., Nīcgale, 10.III.1990, 1 ex., A.Barševskis leg. (DUBC); Daugavpils distr., Dubna, „Lielie Stradišķi”, 08.VII.2006, 1 ex., A.Pankjāns leg. (DUBC); Daugavpils distr., Pilskalne, 09.VIII.1988, 1 ex., A.Barševskis leg. (DUBC); Daugavpils distr., Skrudaliena p., Ilgas, Silene Nature Park, 21.-24.IV.1995, 1 ex., A.Barševskis leg. (DUBC), 06.V.1999, 1 ex., A.Barševskis leg. (DUBC); Krāslava distr., Stivriņi, 28.VIII.1989, 1 ex., A.Barševskis leg. (DUBC), 19.III.1989, 2 exs., A.Barševskis leg. (DUBC); Krāslava distr., Šķeltova, 19.III.1989, 1 ex., A.Barševskis leg. (DUBC), 24.VIII.1989, 1 ex., A.Barševskis leg. (DUBC); Krāslava distr., Šķeltova, Suveizdi, 29.IV.1995, 1 ex., A.Barševskis leg. (DUBC), 03.IX.1995, 2 exs., A.Barševskis leg. (DUBC), 02.II.1996, 1 ex., A.Barševskis leg. (DUBC), 01.V.1997, 1 ex., A.Barševskis leg. (DUBC); Jēkabpils distr., Dunava, 10.-13.VIII.1995, 4 exs., A.Barševskis leg. (DUBC), 01.-08.VIII.2006, 1 ex., A.Barševskis, K.Barševskis leg. (DUBC); Jēkabpils distr., Rubene, 18.V.1997, 1 ex., I.Leiskina leg. (DUBC), near farmstead, 31.VII.1997, 1 ex., I.Leiskina leg. (DUBC), 14.VIII.1997, 1 ex., I.Leiskina leg. (DUBC); Jēkabpils distr., Zasa, 30.X.1998, 1 ex., I.Leiskina leg. (DUBC), 19.VI.2000, 1 ex., I.Leiskina leg.

(DUBC); Jēkabpils distr., Leimaņi, meadow, 14.VIII.2001, 1 ex., I.Leiskina leg. (DUBC); Aizkraukles distr., Koknese, 01.IX.1943, 1 ex., Danks et Strand leg. (LDM); Ludza distr., Mežvidi p., Otrie Mežvidi, 16.VI.1987, 1 ex., K.Ozoliņš leg. (LDM); Rīgas distr., Sēja p., Pabaži, 15.VI.1986, 1 ex., K.Ozoliņš leg. (LDM).

Ocypus (Matidus) ophthalmicus (Scopoli, 1763)

Seitlitz 1887-1891; Müthel 1886; Rathlef 1905; Stiprais 1979; Silfverberg 1992; Barševskis 1993a; Telnov et al. 1997; Barševskis et al. 2002; Barševskis et al. 2004; Silfverberg 2004; Telnov 2004

Examined material: 2 exs. – Localities (fig. 11): Daugavpils distr., Skrudaliena p., Ilgas, Silene Nature Park, 04.VII.2000, 1 ex., A.Barševskis leg. (DUBC); Talsi distr., Mazirbe, 29.VI.2002, 1 ex., A.Barševskis leg. (DUBC).

Ocypus (s.str.) nitens (Schrank, 1781)

Seitlitz 1872-1875; Ulanowski 1883; Seitlitz 1887-1891; Heyden 1903; Jakobson 1905; Rathlef 1905; Danks 1939; Danks 1943; Danka, Stiprais 1972; Stiprais 1979; Silfverberg 1992; Barševskis 1993a; Telnov et al. 1997; Barševskis et al. 2002; Jansson 2002; Barševskis et al. 2004; Silfverberg 2004; Telnov 2004

Examined material: 33 exs. – Localities (fig. 12): Daugavpils distr., Daugavpils, Ruģeļi, **dry grassland**, 03.V.1997, 1 ex., A.Barševskis leg. (DUBC); Daugavpils distr., Vabole, 15.IV.1994, 1 ex., R.Cibuļskis leg. (DUBC); Daugavpils distr., Naujene p., Stropi, 29.-30.IV.2006, 1 ex., A.Bukejs leg. (DUBC); Daugavpils distr., Naujene p., Slutišķi, , 03.X.1991, 1 ex., A.Barševskis leg. (DUBC), 05.IX.1994, 1 ex., A.Barševskis leg. (DUBC); Daugavpils distr., Svente p., Eglu hill, 55°52'38N 26°19'71E, 01.IX.2006, 1 ex., A.Barševskis leg. (DUBC); Vecsaliena p., 3 km N Malkalni, Daugava river bank, 29.VIII.1995, 1 ex., R.Cibuļskis leg. (DUBC); Daugavpils distr., Skrudaliena p., Ilgas, Silene Nature Park, in decaying wood of pine, 25.V.1987, 1 ex., J.Soms leg. (DUBC), 09.VI.1994, 1 ex., A.Barševskis leg.

(DUBC), 13.IX.1995, 1 ex., A.Barševskis leg. (DUBC), 09.-12.IX.1996, 1 ex., A.Barševskis leg. (DUBC), VII.2002, 2 exs., A.Barševskis leg. (DUBC); Daugavpils distr., Nature Park „Daugavas loki”, V.2002, 1 ex., A.Barševskis leg. (DUBC); Krāslava distr., Šķeltova, 07.IV.1994, 1 ex., A.Barševskis leg. (DUBC), 09.IX.1994, 1 ex., A.Barševskis leg. (DUBC), Barševski, 25.II.1995, 1 ex., A.Barševskis leg. (DUBC), 01.V.1996, 1 ex., A.Barševskis leg. (DUBC), Barševski, 30.III.1997, 1 ex., A.Barševskis leg. (DUBC), Barševski, 27.VII.1997, 1 ex., A.Barševskis leg. (DUBC); Jēkabpils distr., Dunava, 08.V.1994, 2 exs., A.Barševskis leg. (DUBC), 06.IX.1998, 1 ex., A.Barševskis leg. (DUBC); Krāslava distr., Šķaune, 02.VI.1987, 1 ex., K.Ozoliņš leg. (LDM); Jēkabpils distr., Asare, 06.VII.2000, 1 ex., I.Leiskina leg. (DUBC); Ludza distr., Brigi, 31.VII.1989, 1 ex., A.Barševskis leg. (DUBC); Aizkraukles distr., Koknese, 18.VI.1943, 1 ex., L.Danka leg. (LDM); Ventspils distr., Moricsala, Moricsala Nature Reserve, 01.-30.IX.2003, 1 ex., U.Valainis leg. (DUBC), 01.-31.X.2003, 2 exs., U.Valainis leg. (DUBC); Rīga distr., Sala p., Kūdra, 30.VIII.1997, 1 ex., A.Titovs leg. (LDM); Rīga distr., Rīga, 21.VII.1922, 1 ex., G.Zetlin leg., 21.V.1922, 1 ex., G.Zetlin leg. (LDM).

Ocypus (s.str.) brunnipes (Fabricius, 1781)

Jakobson 1905; Mikutowicz 1905; Rathlef 1905; Danks 1939; Lackschewitz, Mikutowicz 1939; Danks 1943; Stiprais 1979; Silfverberg 1992; Barševskis 1993a; Telnov et al. 1997; Barševskis et al. 2002; Silfverberg 2004; Telnov 2004

Examined material: 14 exs. – Localities (fig. 16): Daugavpils distr., Līksna, on wet moss in melioration ditch in meadow, 15.VII.1997, 2 exs., R.Cibuļskis leg. (DUBC, RCC); Daugavpils distr., Vabole, in wet lowland under bark of willow, 13.IV.1996, 1 ex., R.Cibuļskis leg. (RCC); Daugavpils distr., Bebrene, 56°03'37N 26°08'13E, 01.IV.2006, 1 ex., E.Rudāns leg. (DUBC); Daugavpils distr., Skrudaliena p., Ilgas, Silene Nature Park, 07.VII.1991, 1 ex., A.Barševskis leg. (DUBC), 10.X.1992, 1 ex., A.Barševskis leg. (DUBC); Jēkabpils distr., Dunava, in forest cover, 15.-16.IV.1995, 1 ex., A.Barševskis leg. (DUBC),

22.-23.VI.1998, 1 ex., A.Barševskis leg. (DUBC); Daugavpils distr., Rubene, 12.VII.1997, 1 ex., I.Leiskina leg. (DUBC); Aizkraukle distr., Aizkraukle, bog, 04.V.1995, 1 ex., A.Barševskis leg. (RCC); Valmiera distr., Mazsalaca, 21.VIII.2006, 1 ex., A.Barševskis leg. (DUBC); Limbaži distr., Svētciems, under bark of pine, 12.X.1990, 2 exs., A.Barševskis leg. (DUBC), 23.III.1992, 1 ex., A.Barševskis leg. (RCC); Saldus distr., Ruba p., Reņģe, 01.V.1932, 1 ex. (LDM).

Ocybus (Pseudocybus) fuscatus (Gravenhorst, 1802)

Seitlitz 1887-1891; Rathlef 1905; Danks 1939; Stiprais 1979; Silfverberg 1992; Barševskis 1993a; Telnov et al. 1997; Spuņģis 2001; Barševskis et al. 2002; Barševskis et al. 2004; Silfverberg 2004; Telnov 2004

Examined material: 46 exs. – Localities (fig. 13): Daugavpils distr., Daugavpils, Mežciems, 01.-31.V.2002, 2 exs., A.Barševskis leg. (DUBC); Daugavpils distr., Daugavpils, Križi, 23.IX.-07.X., 1 ex. (DUBC); Daugavpils distr., Daugavpils, Ruģeļi, 15.VIII.1991, 1 ex., A.Barševskis leg. (DUBC); Daugavpils distr., Kalkūne, meadow, 02.IV.2000, 3 exs., R.Cibuļskis leg. (DUBC); Daugavpils distr., Vecsaliena p., bank of Daugava river, 30.10.1996, 1 ex., A.Barševskis leg. (DUBC); Daugavpils distr., Līksna, VIII.1993, 1 ex., R.Cibuļskis leg. (DUBC), 01.IV.1994, 1 ex., R.Cibuļskis leg. (DUBC), 04.IV.1994, 1 ex., R.Cibuļskis leg. (DUBC), 07.IV.1994, 2 exs., R.Cibuļskis leg. (DUBC), 07.V.1994, 1 ex., R.Cibuļskis leg. (DUBC); Daugavpils distr., Vabole, 13.V.1994, 1 ex., R.Cibuļskis leg. (DUBC), in meadow under stone, 18.IX.1994, 3 exs., R.Cibuļskis leg. (DUBC), the same place, 01.X.1994, 1 ex., R.Cibuļskis leg. (DUBC), the same place, 14.X.1994, 1 ex., R.Cibuļskis leg. (RCC), meadow, 25.II.1995, 2 exs., R.Cibuļskis leg. (DUBC), meadow, 25.III.1995, 5 exs., R.Cibuļskis leg. (DUBC, RCC), meadow, 14.IV.1995, 2 exs., R.Cibuļskis leg. (DUBC), near forest, 18.V.1997, 1 ex., R.Cibuļskis leg. (DUBC); Daugavpils distr., Naujene p., Stropi, 29.-30.IV.2006, 1 ex., A.Bukejs leg. (DUBC), 17.VII.2006, 1 ex., A.Bukejs leg. (DUBC), 23.IX.2006, 1 ex., A.Bukejs leg. (DUBC)

Daugavpils distr., Skrudaliena p., Ilgas, Silene Nature Park, VII.2002, 2 exs., A.Barševskis leg. (DUBC); Daugavpils distr., Nature Park „Daugavas loki”, V.2002, 1 ex., A.Barševskis leg. (DUBC); Krāslavas distr., Šķaune, 02.VI.1987, 1 ex., K.Ozoliņš leg. (LDM); Jēkabpils distr., Rubene, 09.III.1997, 1 ex., I.Leiskina leg. (DUBC), near field under stone, 02.V.1997, 1 ex., I.Leiskina leg. (DUBC), 21.VI.1997, 1 ex., I.Leiskina leg. (DUBC), 22.VI.1997, 1 ex., I.Leiskina leg. (DUBC), 07.VI.1998, 1 ex., I.Leiskina leg. (DUBC); Tukums distr., Pūre, 03.-17.X.2001, 1 ex., V.Petrova leg. (DUBC); Gulbenes distr., Gulbītis, forest and bog fire damage near Ušūrs lake, V.-VI.2003, 2 exs., O.Koškina, A.Barševskis leg. (DUBC); Rīga distr., Saulkrasti, Inčupe, 14.V.1987, 1 ex., K.Ozoliņš leg. (LDM), 01.IX.1988, 1 ex., K.Ozoliņš leg. (LDM).

Ocybus (Pseudocybus) picipennis (Fabricius, 1792)

Seitlitz 1872-1875; Ulanowski 1883; Seitlitz 1887-1891; Rathlef 1905; Brammanis 1930; Danks 1939; Stiprais 1979; Silfverberg 1992; Telnov et al. 1997; Silfverberg 2004; Telnov 2004

Examined material: 25 exs. – Localities (fig. 15): Daugavpils distr., Daugavpils, 14.X.1993, 1 ex., A.Barševskis leg. (DUBC); Daugavpils distr., Daugavpils, Ruģeļi, 17.VIII.1991, 1 ex., A.Barševskis leg. (RCC); Daugavpils distr., Līksnas p., Ļubasti, dry grassland, 01.VII.1995, 1 ex., A.Barševskis leg. (DUBC); Daugavpils distr., Skrudaliena p., Ilgas, Silene Nature Park, 1992, 1 ex., A.Barševskis leg. (DUBC), 08.IV.1994, 1 ex., A.Barševskis leg. (DUBC), 02.IX.1994, 1 ex., A.Barševskis leg. (DUBC), near coniferous forest, 08.X.1995, 2 exs., R.Cibuļskis leg. (RCC), VII.2000, 1 ex., A.Barševskis leg. (DUBC), 04.VII.2000, 1 ex., A.Barševskis leg. (DUBC); Daugavpils distr., Viški, IV.1988, 1 ex., A.Barševskis leg. (RCC); Krāslava distr., Piedruja, 10.IV.1991, 1 ex., A.Barševskis leg. (DUBC); Krāslava distr., Stivriņi, 11.X.1987, 2 exs., A.Barševskis leg. (DUBC), 28.VIII.1989, 1 ex., A.Barševskis leg. (DUBC), 22.IX.1990, 1 ex., A.Barševskis leg. (DUBC); Aizkraukles distr., Koknese, 28.VII.1946, 1 ex., Danks et Strand leg. (LDM), 18.VII.1943, 2 exs., L.Danka leg. (LDM);

Tukuma distr., Pūre, strawberry field, 21.VIII.-03.IX.2001, 1 ex., V.Petrova leg. (DUBC); Tukums distr., Kandava, 24.VIII.1939, 1 ex., M.Stiprais leg. (LDM); Rīga distr., Rīga, 21.X.1988, 1 ex., K.Ozoliņš leg. (LDM), 31.VIII.1941, 1 ex. (LDM); Rīga distr., Saulkrasti, Inčupe, 14.V.1987, 1 ex., K.Ozoliņš leg. (LDM); Rīga distr., Carnikava p., Garupe, 02.VIII.1978, 1 ex., M.Stiprais leg. (LDM); Liepāja distr., Rucava p., Pape, 03.X.1987, 1 ex., O.Opermanis leg. (LDM); Saldus distr., Ruba p., Reņģe, 11.VIII.1926, 1 ex. (LDM).

***Ocypus (Pseudocypus) aeneocephalus* (De Geer, 1774)**

Seitlitz 1872-1875; Seitlitz 1887-1891; Rathlef 1905; Brammanis 1930; Danks 1943; Stiprais 1979; Silfverberg 1992; Barševskis 1993a; Telnov et al. 1997; Barševskis et al. 2002; Silfverberg 2004; Telnov 2004

Examined material: 5 exs. – Localities (fig. 14): Daugavpils distr., Līksna, 11.III.1994, 2 exs., R.Cibuļskis leg. (RCC); Jūrmala, Kauguri, 26.IX.1993, 1 ex., A.Barševskis leg. (DUBC); Cēsis distr., Skujene, 05.IX.1988, 1 ex., K.Ozoliņš leg. (LDM); Rīga distr., Rīga, 21.IX.1941, 1 ex. (LDM).

***Tasgius (s.str.) ater* (Gravenhorst, 1802)**

Lackschewitz, Mikutowicz 1939; Silfverberg 1992; Barševskis 1993a; Telnov et al. 1997; Silfverberg 2004; Telnov 2004

Examined material: 3 exs. – Localities (fig. 18): Rīga distr., Sēja p., Pabaži, 16.VII.1987, 1 ex., K.Ozoliņš leg. (LDM), 20.VII.1987, 1 ex., K.Ozoliņš leg. (LDM); Rīga distr., Rīga, 1 ex., Gimmerthal leg. (LMSZ).

***Tasgius (Rayacheila) melanarius* Heer, 1839**

Ulanowski 1883; Seitlitz 1887-1891; Mikutowicz 1905; Stiprais 1979; Silfverberg 1992; Barševskis 1993a; Telnov et al. 1997; Barševskis et al. 2002; Silfverberg 2004; Telnov 2004

Examined material: 14 exs. – Localities (fig. 17): Daugavpils distr., Skrudaliena p., Ilgas, Silene

Nature Park, VI.1994, 1 ex., A.Barševskis leg. (DUBC), 28.V.1999, 1 ex., A.Barševskis leg. (DUBC), VII.2002, 1 ex., A.Barševskis leg. (DUBC); Daugavpils distr., Nīcgale, 1992, 1 ex., A.Barševskis leg. (DUBC); Krāslava distr., Šķeltova, 02.X.1993, 1 ex., A.Barševskis leg. (DUBC), 25.II.1995, 1 ex., A.Barševskis leg. (DUBC), 07.V.1995, 1 ex., A.Barševskis leg. (DUBC); Jēkabpils distr., Rubene, 18.VIII.1999, 1 ex., I.Leiskina leg. (DUBC); Aizkraukle distr., Koknese, 18.VII.1943, 1 ex., L.Danka leg. (LDM); Rīga distr., Rīga, 05.V.1943, 1 ex., M.Stiprais leg. (LDM), 21.V.1922, 1 ex., G.Zetlin leg. (LDM); Ventspils distr., Moricsala, Moricsala Nature Reserve, 01.-31.V.2003, 1 ex., U.Valainis leg. (RCC), 01.-30.IX.2003, 1 ex., U.Valainis leg. (RCC), 14.V.2004, 1 ex., A.Barševskis, U.Valainis leg. (DUBC).

***Creophilus maxillosus* (Linnaeus, 1758)**

Derschau, Keyserlingk 1805; Kawall 1866; Seitlitz 1872-1875; Ulanowski 1883; Seitlitz 1887-1891; Rathlef 1905; Danks 1939; Danka, Stiprais 1972; Stiprais 1979; Stiprais, Varzinska 1985; Silfverberg 1992; Barševskis 1993a; Telnov et al. 1997; Barševskis et al. 2002; Silfverberg 2004; Telnov 2004

Examined material: 20 exs. – Localities (fig. 19): Daugavpils distr., Lociki, 27.VIII.2001, 2 exs., G.Lociks leg. (DUBC); Daugavpils distr., Līksna, 1986, 1 ex., R.Cibuļskis leg. (DUBC), 14.V.1994, 2 exs., R.Cibuļskis leg. (DUBC), 15.V.1994, 1 ex., R.Cibuļskis leg. (DUBC); Daugavpils distr., Vabole, 01.V.1994, 1 ex., R.Cibuļskis leg. (DUBC), 13.V.1994, 1 ex., R.Cibuļskis leg. (DUBC); Daugavpils distr., Bebrene, 28.V.2005, 1 ex., E.Rudāns leg. (DUBC); Preiļu distr., Jersika, 10.VII.2005, 1 ex., I.Gurčonoks leg. (DUBC); Jēkabpils distr., Rubene, fly near farmstead, 14.VI.1997, 1 ex., I.Leiskina leg. (DUBC); Jūrmala, Kauguri, 13.VIII.1994, 1 ex., A.Barševskis leg. (DUBC); Rīga distr., Rīga, 01.VII.1990, 1 ex., A.Titovs leg., 09.IX.1939, 1 ex. (LDM); Rīga distr., Sēja p., Pabaži, 13.VII.1987, 2 exs., K.Ozoliņš leg. (LDM); Rīgas distr., Carnikava p., railway station Garupe, 22.V.1977, 1 ex., S.Burnakovs leg. (LDM); Saldus distr., Ruba p., Reņģe, 25.VI.1926, 1 ex. (LDM).

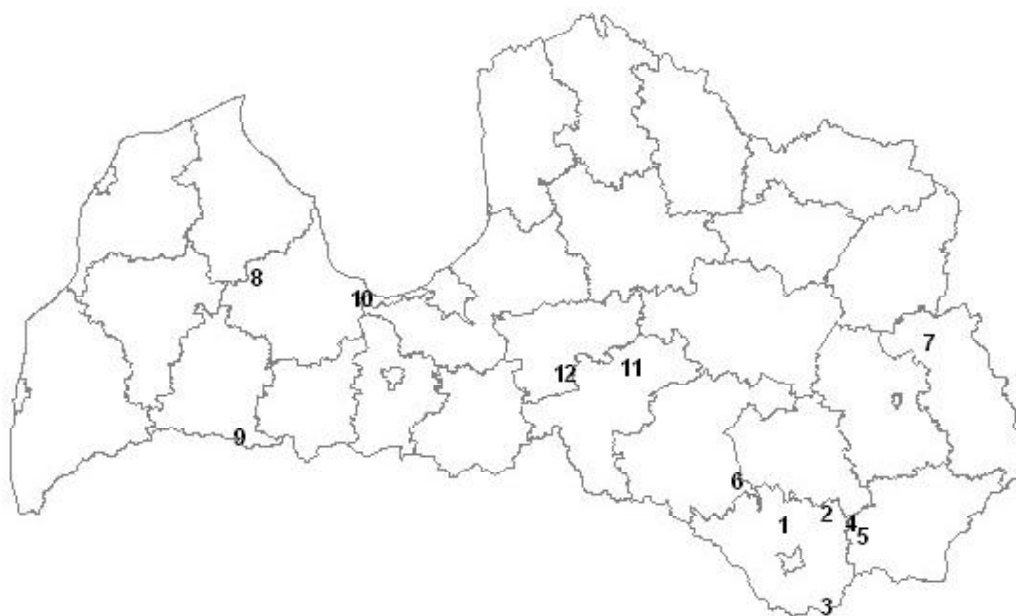


Figure 1. Localities of *Dinotherarus pubescens*

1 – Vābole, 2 – Višķi, 3 – Ilgas, 4 – Šķeltova, 5 – Stivriņi, 6 – Dunava, 7 – Otrie Mežvidi, 8 – Kandava, 9 – Reņģe, 10 – Ķemeri, 11 – Koknese, 12 – Jumprava.

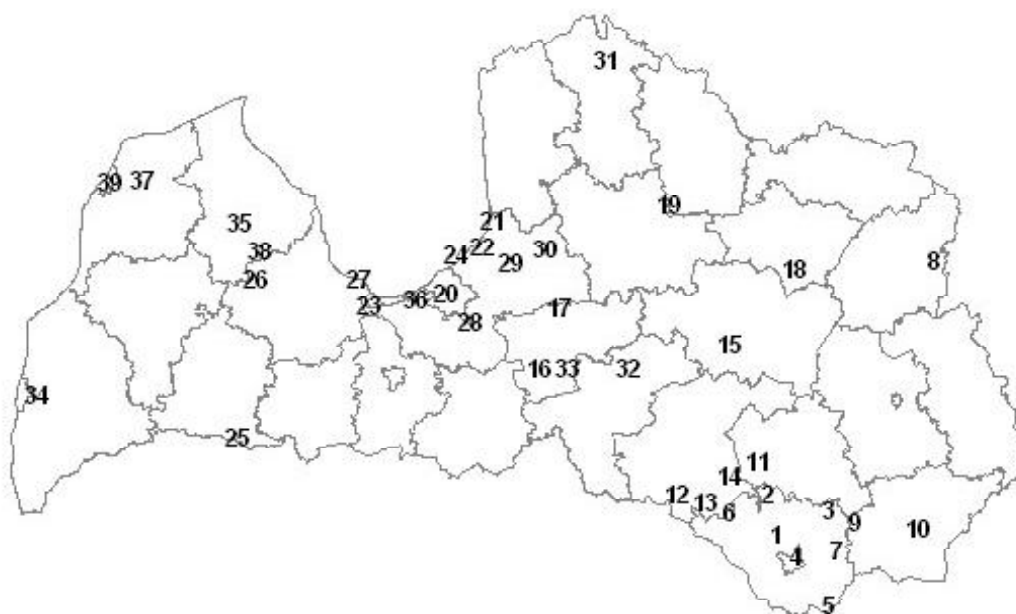


Figure 2. Localities of *Ontholestes tesselatus*

1 – Līksna, 2 – Nīcgale, 3 – Višķi, 4 – Stropi, 5 – Ilgas, 6 – Bebrene, 7 – Slutišķi, 8 – Šķilbēni, 9 – Šķeltova, 10 – Indrica, 11 – Jersika, 12 – Aknīste, 13 – Rubeņi, 14 – Dunava, 15 – Krustkalni Nature Reserve, 16 – Robežnieki, 17 – Suntaži, 18 – Ušūrs, 19 – Mežole, 20 – Rīga, 21 – Pabaži, 22 – Inčupe, 23 – Kūdra, 24 – Garupe, 25 – Reņģe, 26 – Kandava, 27 – Ķemeri, 28 – Dārziņi, 29 – Vangaži, 30 – Sigulda, 31 – Rūjiena, 32 – Koknese, 33 – Jumprava, 34 – Grobiņa, 35 – Talsi, 36 – Piņķi, 37 – Pope, 38 – Strazde, 39 – Ventspils.

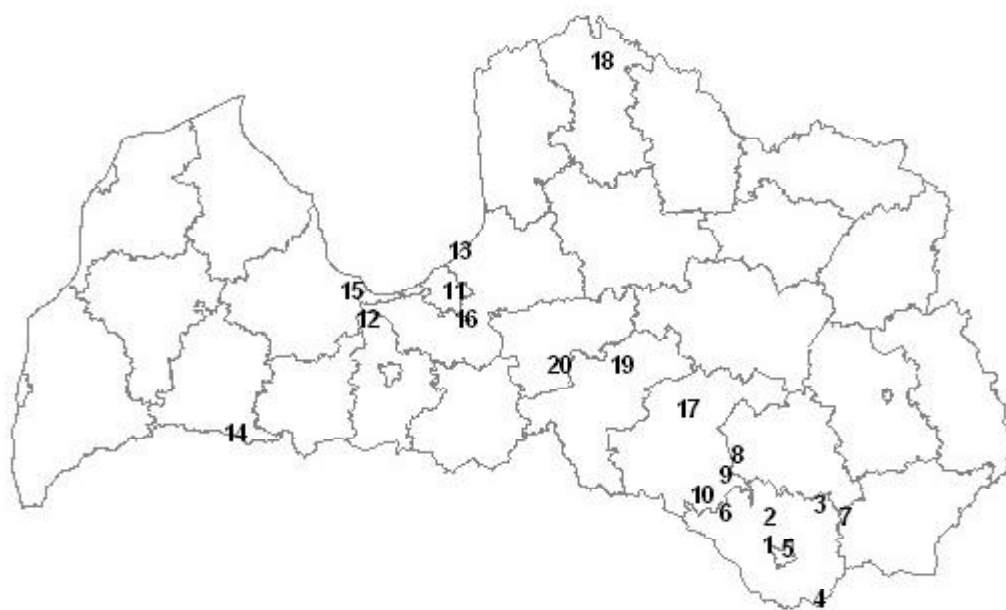


Figure 3. Localities of *Ontholestes murinus*

1 – Līksna, 2 – Vabole, 3 – Višķi, 4 – Ilgas, 5 – Stropi, 6 – Demene, 7 – Bebrene, 8 – Šķeltova, 9 – Jersika, 10 – Dunava, 11 – Rubene, 12 – Rīga, 13 – Kūdra, 14 – Garupe, 15 – Reņģe, 16 – Ķemeri, 17 – Dārziņi, 18 – Jēkabpils, 19 – Rūjiena, 20 – Koknese, 21 – Jumprava.

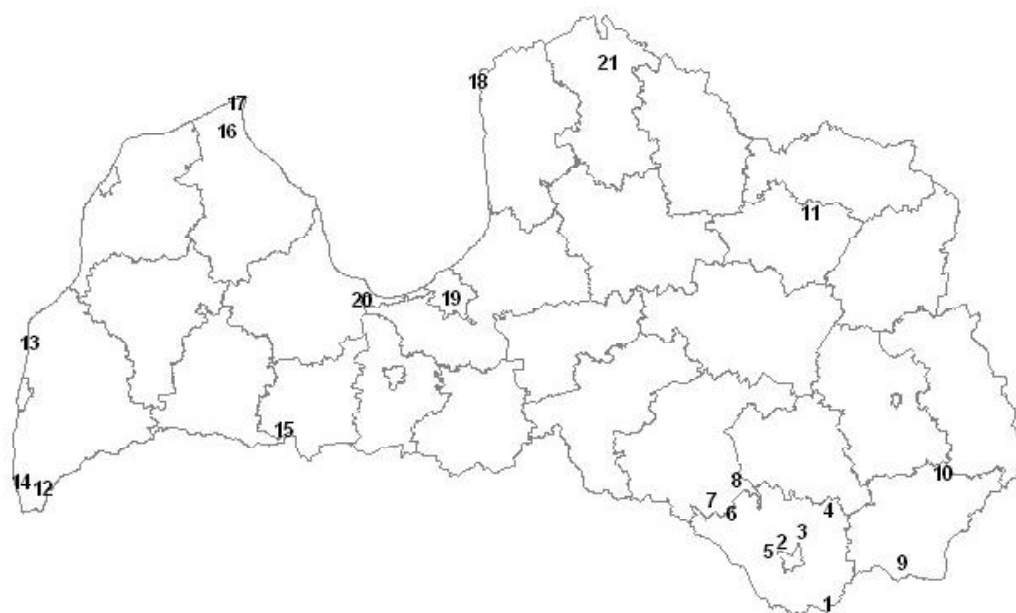


Figure 4. Localities of *Emus hirtus*

1 – Ilgas, 2 – Līksna, 3 – Zaļumi, 4 – Višķi, 5 – Svente, 6 – Bebrene, 7 – Rubene, 8 – Dunava, 9 – Sloboda, 10 – Ezernieki, 11 – Beļava, 12 – Rucava, 13 – Ziemepe, 14 – Nature Park Papes ezers, 15 – Vītiņi, 16 – Vīdāle, 17 – Kolka, 18 – Randu pļavas, 19 – Rīga, 20 – Ķemeri, 21 – Rūjiena.

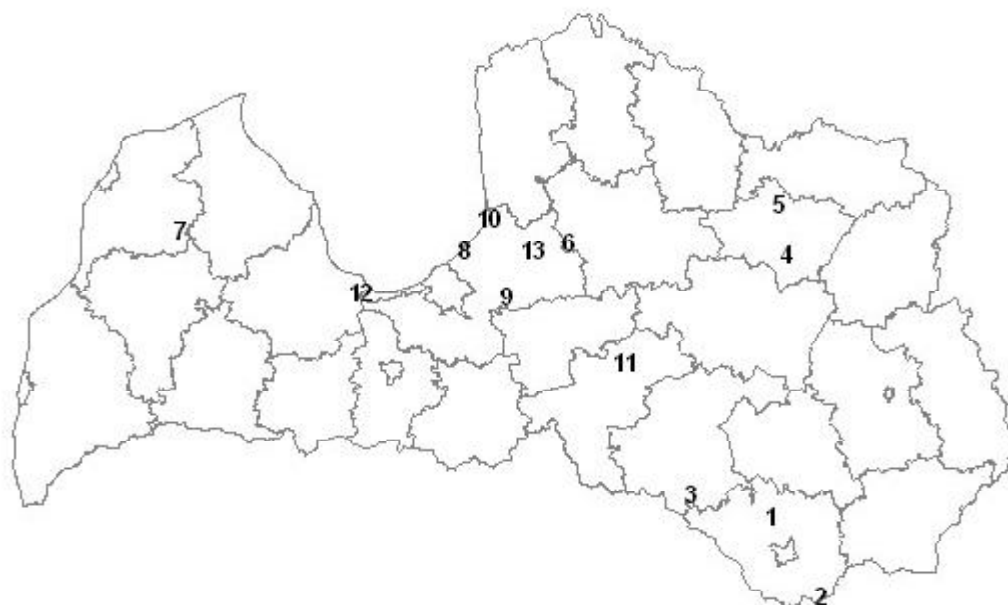


Figure 5. Localities of *Platydracus fulvipes*

1 – Vābole, 2 – Ilgas, 3 – Asare, 4 – Gulbītis, 5 – Lejasciems, 6 – Sudas bog, 7 – Moricsala, 8 – Garupe, 9 – Bajāri, 10 – Pabaži, 11 – Koknese, 12 – Ķemeri, 13 – Silciems.

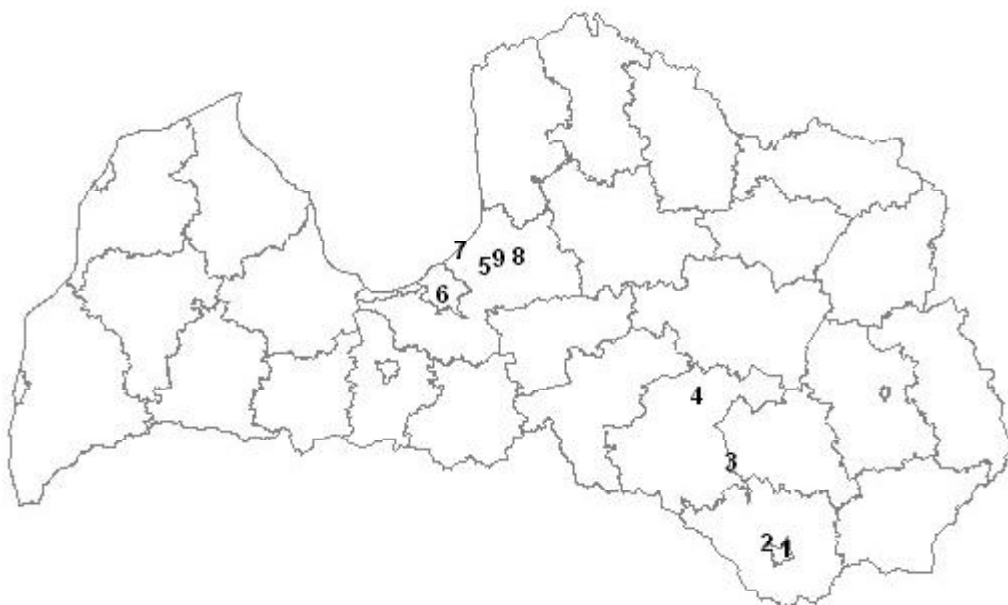


Figure 6. Localities of *Platydracus stercorarius*

1 – Stropi, 2 – Mežciems, 3 – Jersika, 4 – Zilāni, 5 – Garkalne, 6 – Rīga, 7 – Garupe, 8 – Inčukalns, 9 – Vangaži.

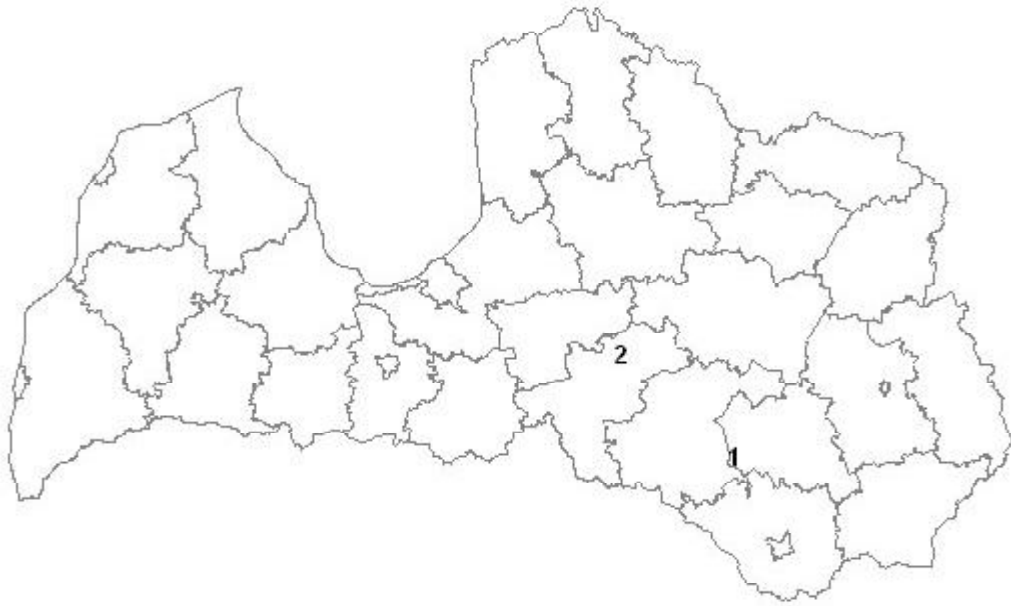


Figure 7. Localities of *Platydacus chalcocephalus*
1 – Jersika, 2 – Koknese

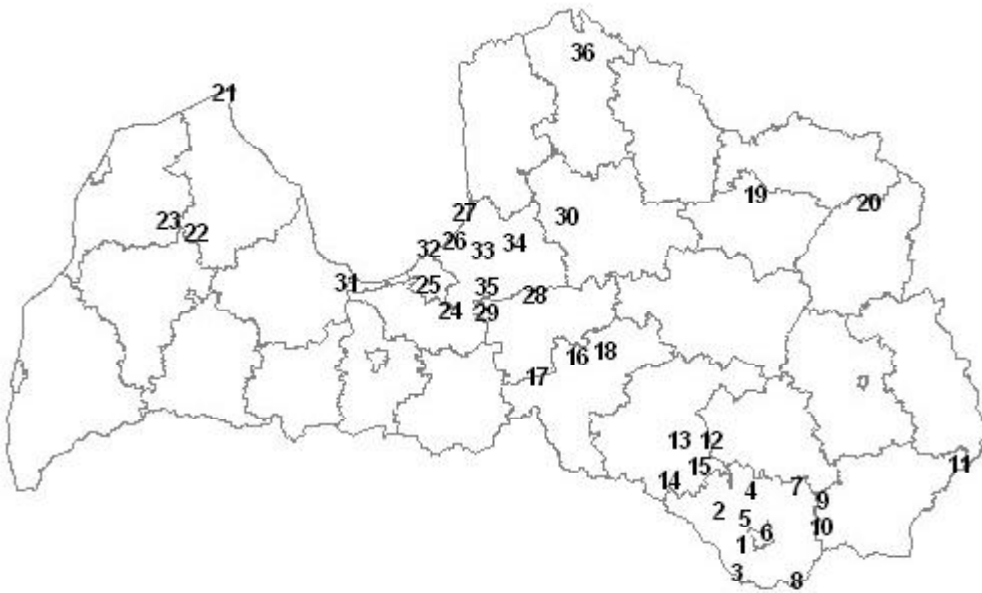


Figure 8. Localities of *Staphylinus erythropterus*
1 – Svente, 2 – Pilskalne, 3 – Medumi, 4 – Vabole, 5 – Līksna, 6 – Stropi, 7 – Višķi, 8 – Ilgas, 9 – Šķeltova, 10 – Izvalta, 11 – Šķaune, 12 – Jersika, 13 – Zasa, 14 – Asare, 15 – Tadenava, 16 – Aizkraukle, 17 – Taurkalne, 18 – Koknese, 19 – Lejasciems, 20 – Kuprava, 21 – Kolka, 22 – Mordanga, 23 – Moricsala, 24 – Dārziņi, 25 – Rīga, 26 – Garupe, 27 – Inčupe, 28 – Suntaži, 29 – Tīnuži, 30 – Ieriķi, 31 – Ķemeri, 32 – Garciems, 33 – Vangaži, 34 – Silciems, 35 – Bajāri, 36 – Rūjiena.

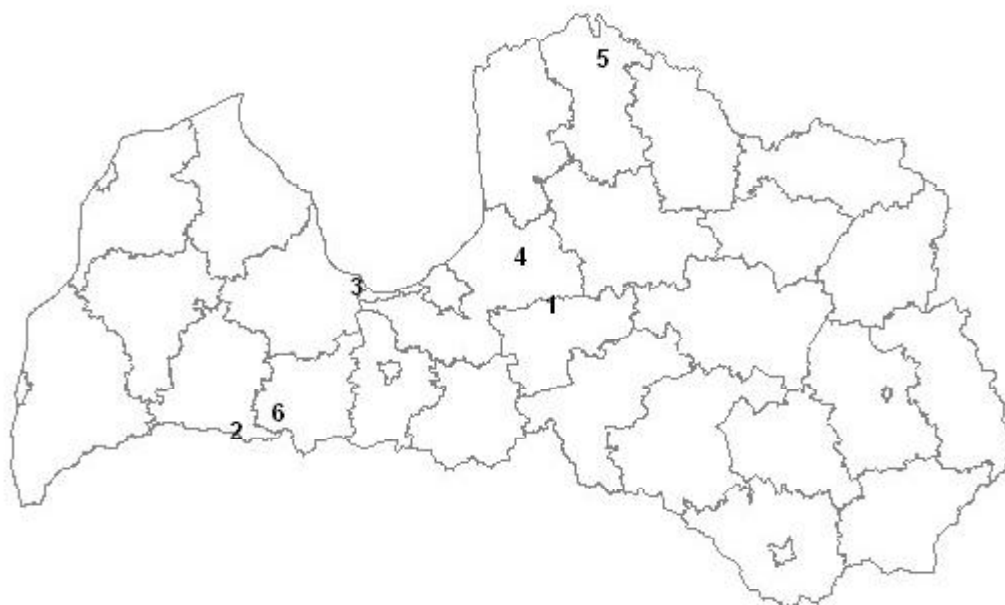


Figure 9. Localities of *Staphylinus caesareus*

1 – Suntaži, 2 – Reņģe, 3 – Antiņciems, 4 – Inčukalns, 5 – Rūjiena, 6 – Auce.

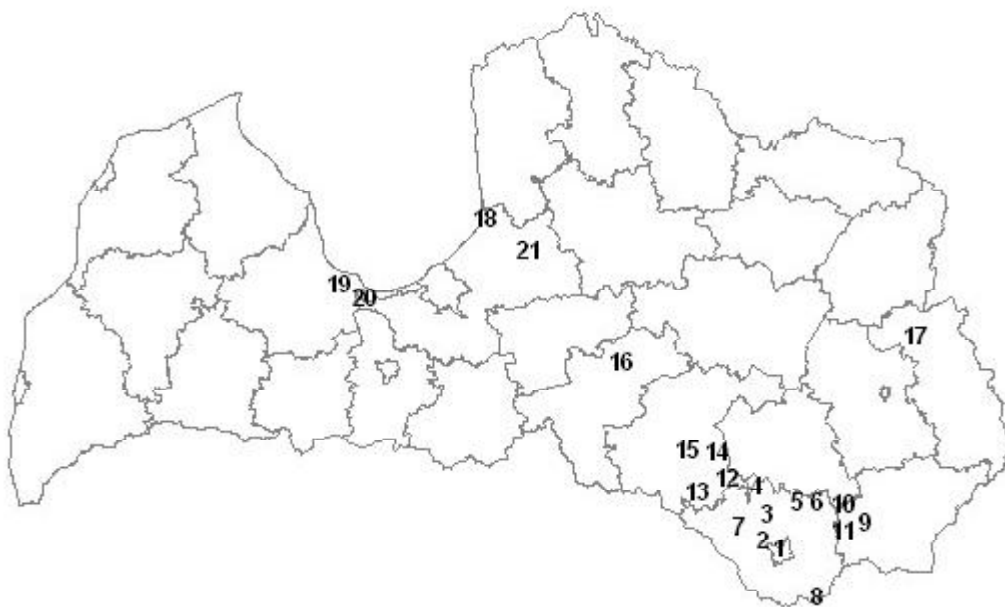


Figure 10. Localities of *Staphylinus dimidiaticornis*

1 – Daugavpils, 2 – Līksna, 3 – Vabole, 4 – Nīcgale, 5 – Dubna, 6 – Višķi, 7 – Pilskalne, 8 – Ilgas, 9 – Stivriņi, 10 – Šķeltova, 11 – Izvalta, 12 – Dunava, 13 – Rubene, 14 – Zasa, 15 – Leimaņi, 16 – Koknese, 17 – Otrie Mežvidi, 18 – Pabaži, 19 – Antiņciems, 20 – Ķemeri, 21 – Silciems.

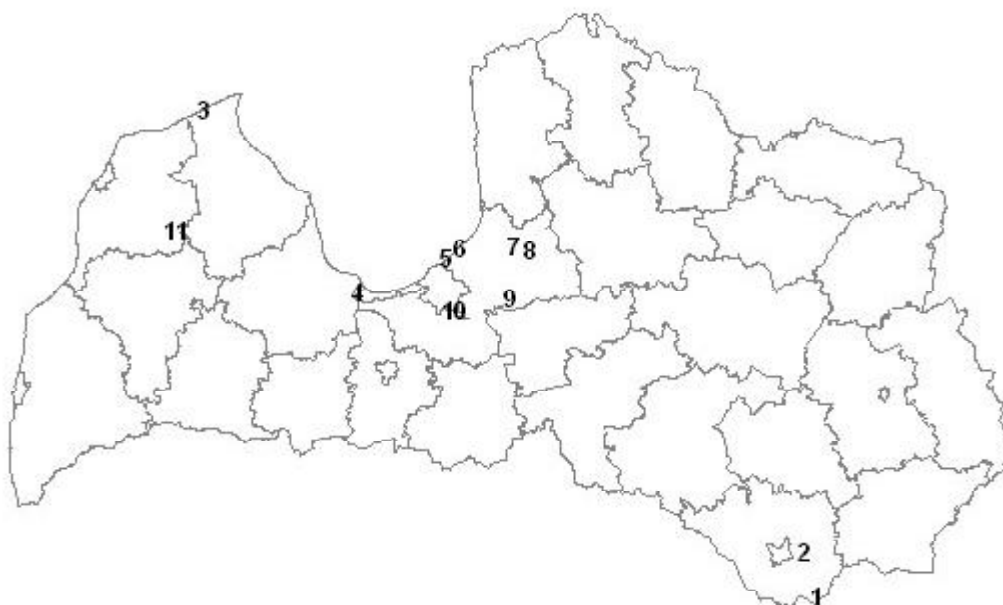


Figure 11. Localities of *Ocypus ophthalmicus*

1 – Ilgas, 2 – Elerne, 3 – Mazirbe, 4 – Ķemeri, 5 – Garciems, 6 – Garupe, 7 – Murjāņi, 8 – Silciems, 9 – Kangari, 10 – Rumbula, 11 – Moricsala.

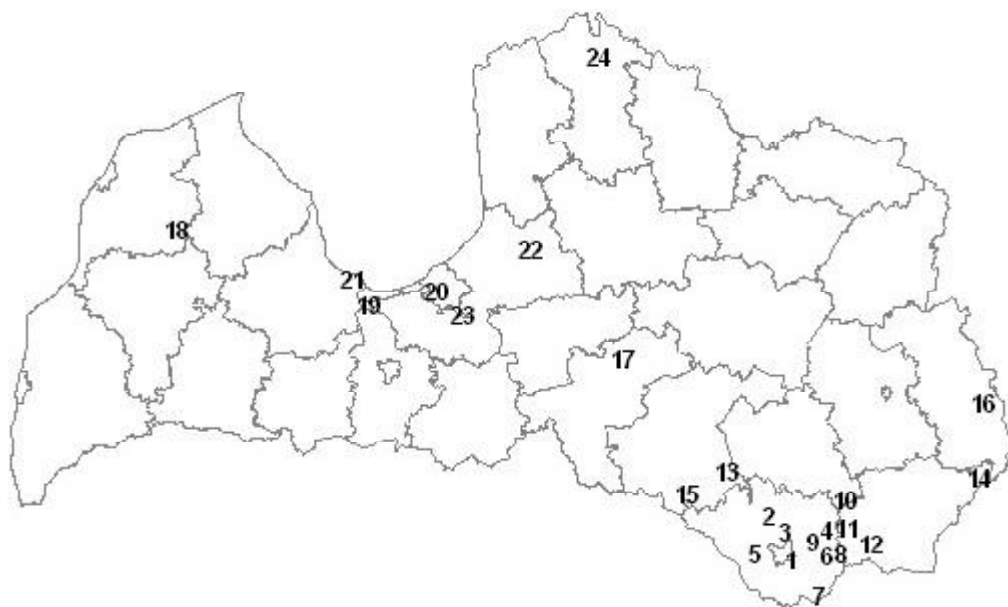


Figure 12. Localities of *Ocypus nitens*

1 – Ruģeļi, 2 – Vabole, 3 – Stropi, 4 – Slutišķi, 5 – Svente, 6 – Vecsaliena, 7 – Ilgas, 8 – Faltopi, 9 – Vasargeliški, 10 – Šķeltova, 11 – Izvalta, 12 – Krāslava, 13 – Dunava, 14 – Šķaune, 15 – Asare, 16 – Briģi, 17 – Koknese, 18 – Moricsala, 19 – Kūdra, 20 – Rīga, 21 – Ķemeri, 22 – Silciems, 23 – Dārziņi, 24 – Rūjiena.

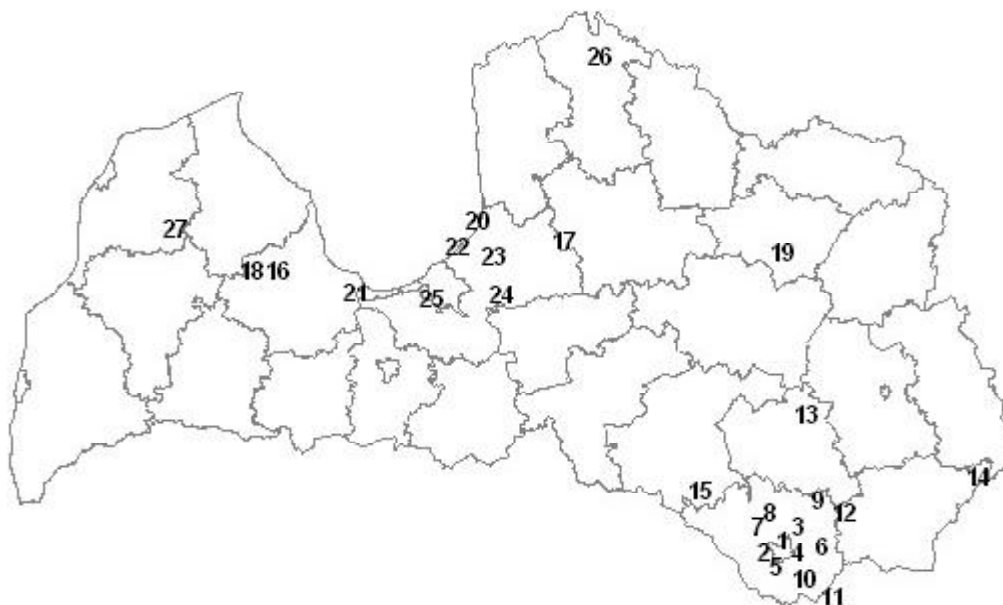


Figure 13. Localities of *Ocypus fuscatus*

1 – Daugavpils, 2 – Mežciems, 3 – Križi, 4 – Rugeļi, 5 – Kalkūne, 6 – Vecsaliena, 7 – Līksna, 8 – Vabole, 9 – Višķi, 10 – Stropi, 11 – Ilgas, 12 – Šķeltiņi, 13 – Stabulnieki, 14 – Šķaune, 15 – Rubene, 16 – Pūre, 17 – Sudas bog, 18 – Kandava, 19 – Gulbītis, 20 – Inčupe, 21 – Ķemeri, 22 – Garupe, 23 – Vangaži, 24 – Bajāri, 25 – Rīga, 26 – Rūjiena, 27 – Moricsala.

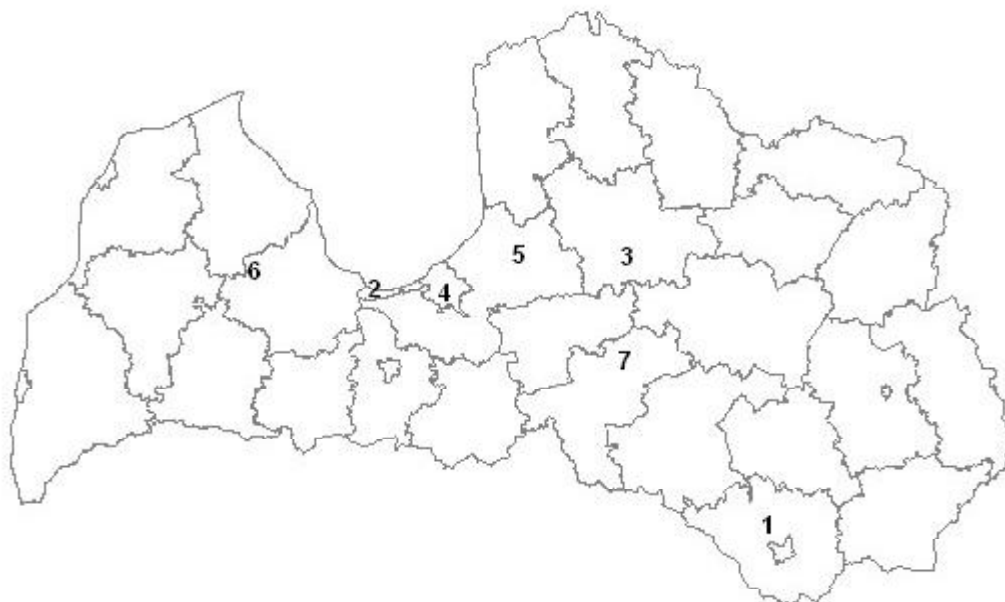


Figure 14. Localities of *Ocypus aeneocephalus*

1 – Līksna, 2 – Kauguri, 3 – Skujene, 4 – Rīga, 5 – Inčukalns, 6 – Kandava, 7 – Koknese.

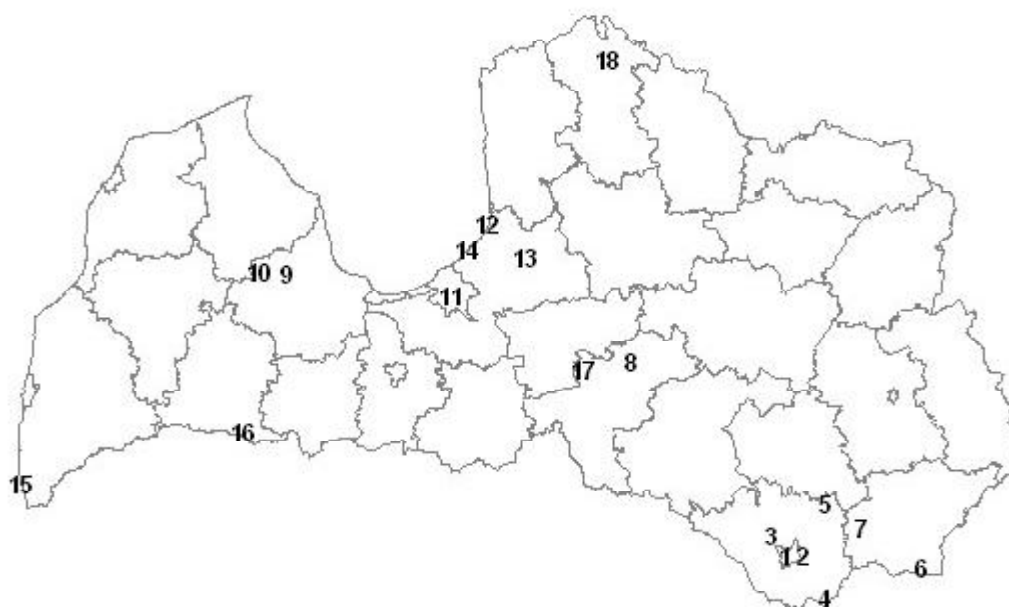


Figure 15. Localities of *Ocybus picipennis*

1 – Daugavpils, 2 – Ruģeļi, 3 – Ļubasti, 4 – Ilgas, 5 – Viški, 6 – Piedruja, 7 – Stivriņi, 8 – Koknese, 9 – Pūre, 10 – Kandava, 11 – Rīga, 12 – Inčupe, 13 – Inčukalns, 14 – Garupe, 15 – Pape, 16 – Reņģe, 17 – Skrīveri, 18 – Rūjiena.

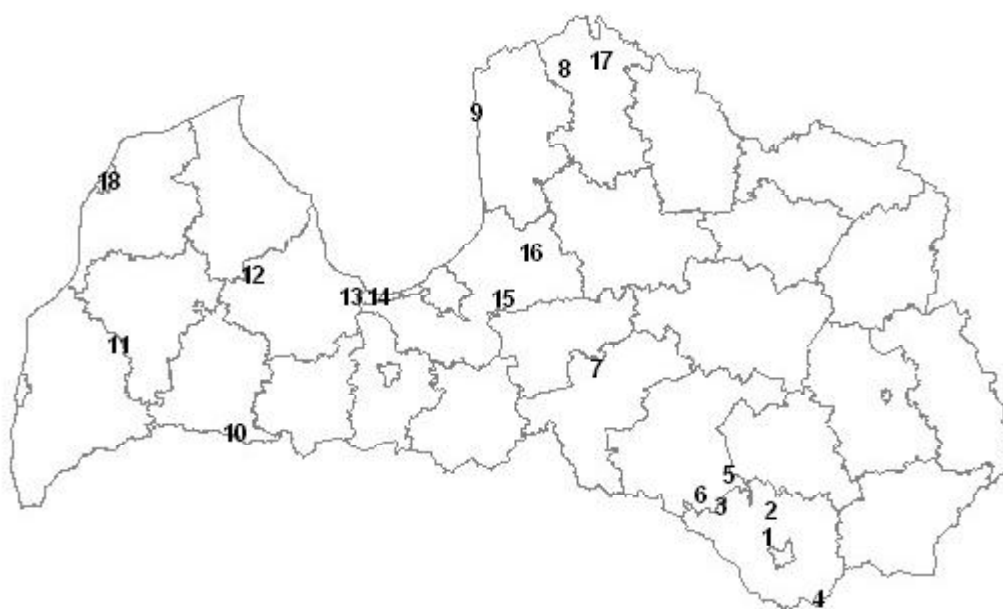


Figure 16. Localities of *Ocybus brunnipes*

1 – Līksna, 2 – Vabole, 3 – Bebrene, 4 – Ilgas, 5 – Dunava, 6 – Rubene, 7 – Aizkraukle, 8 – Mazsalaca, 9 – Svētciems, 10 – Reņģe, 11 – Kazdanga, 12 – Kandava, 13 – Ķemeri, 14 – Sloka, 15 – Bajāri, 16 – Silciems, 17 – Rūjiena, 18 – Ventspils.

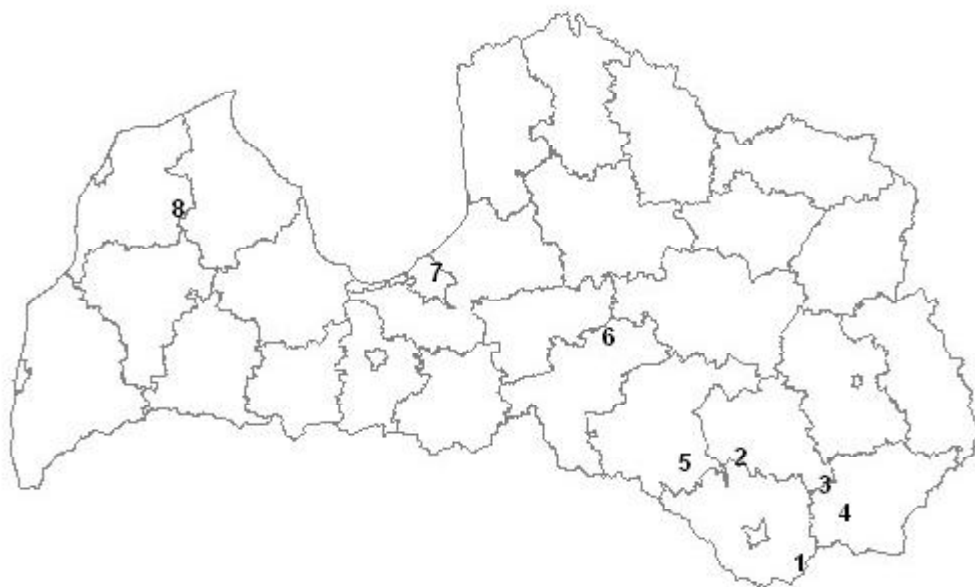


Figure 17. Localities of *Tasgius melanarius*

1 – Ilgas, 2 – Nīcgale, 3 – Šķeltova, 4 – Krāslava, 5 – Rubene, 6 – Koknese, 7 – Rīga, 8 – Moricsala

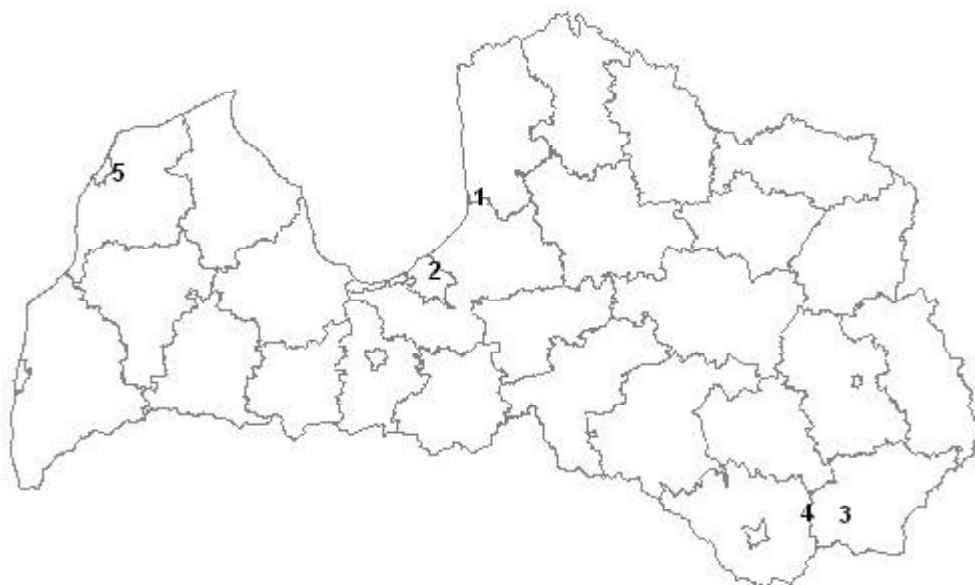


Figure 18. Localities of *Tasgius ater*

1 – Pabaži, 2 – Rīga, 3 – Krāslava, 4 – Slutišķi, 5 – Ventspils.

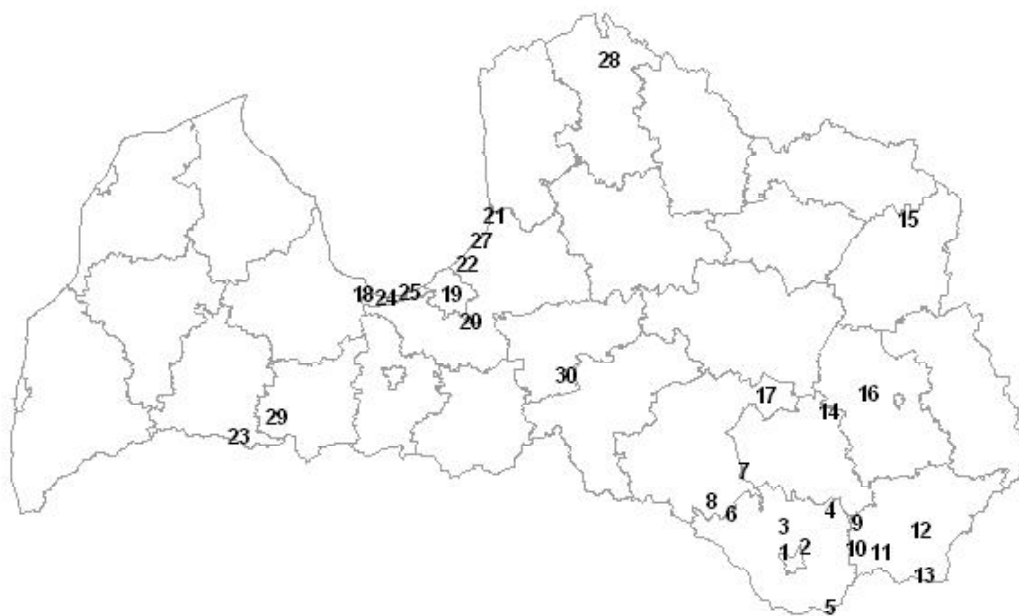


Figure 19. Localities of *Creophilus maxillosus*

1 – Līksna, 2 – Lociki, 3 – Vabole, 4 – Višķi, 5 – Ilgas, 6 – Bebrene, 7 – Jersika, 8 – Rubene, 9 – Šķeltova, 10 – Izvalta, 11 – Krāslava, 12 – Ingrica, 13 – Piedruja, 14 – Galēni, 15 – Kuprava, 16 – Sakstagals, 17 – Atašiena, 18 – Kauguri, 19 – Rīga, 20 – Dārziņi, 21 – Pabaži, 22 – Garupe, 23 – Reņģe, 24 – Asari, 25 – Majori, 26 – Garciems, 27 – Lilaste, 28 – Rūjiena, 29 – Auce, 30 – Jumprava.

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