

MATERIALS ABOUT THE FAUNA OF BEETLES (INSECTA: COLEOPTERA) OF NAUJENE RURAL MUNICIPALITY (DAUGAVPILS DISTRICT, LATVIA). PART 1.

Andris Bukejs

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During the research periods (2000-2006) in Naujene rural municipality Daugavpils district 165 beetles species were found that belong to 28 families, from which 5 species are protected in Latvia. Among recorded species 75 are new for fauna of Naujene rural municipality and eight species for eastern Latvia (Latgale). This publication is the first part of results of our research of a fauna of the beetles of Naujene rural municipality.

Key words: Coleoptera, fauna, Naujene rural municipality, Daugavpils district, Latvia.

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Introduction

This article contains the information on a fauna of the beetles (Coleoptera) of Naujene rural municipality (Daugavpils district, Latvia). By the purpose of research was more complete to study a fauna of Coleoptera of the given area. There was no till this moment concrete and complete information in the Latvian literature about fauna of Coleoptera in Naujene rural municipality. There are publications, devoted to more extensive areas of Latvia (Barševskis 1988, 1988a, 1993), in which can find some information about a fauna of the beetles of Naujene rural municipality; and also articles devoted concrete taxa of Coleoptera (Barševskis 1989a, 1997, 1999; Bukejs 2005); and series of publications (Barševskis 1987, 1989, 1991, 1997a, 2001; Barševskis et al. 2004; Telnov 2001; Telnov et al. 2006) in which contain the information about localities of separate species of the beetles.

This publication is the first part of results of our research of a fauna of the beetles of Naujene rural municipality. There is the information about species of Coleoptera from 28 families (Leiodidae, Silphidae, Scaphidiidae, Lucanidae, Geotrupidae, Scarabaeidae, Buprestidae, Byrrhidae, Elateridae, Throscidae, Lycidae, Cantharidae, Dermestidae, Anobiidae, Cleridae, Dasytidae, Malachiidae, Silvanidae, Erotylidae, Endomychidae, Coccinellidae, Melandryidae, Meloidae, Oedemeridae, Pyrochroidae, Anthicidae, Tenebrionidae, Cerambycidae, Bruchidae, Attelabidae) is given.

MATERIALS AND METHODS

The material was collected since 2000 till 2006 in different places of Naujene rural municipality (Daugavpils district, Latvia) (fig. 1). In the given

area various habitats were investigated: mixed forest, a skirt, valley and bank of Daugava river (Daugavas Loki Nature Park), bank of Lielais Stropu lake, dry meadows, agrocenosis, park, bog and forest clearing.

For the collecting of a stuff the various methods were used: entomological net, pitfall trap and visual observation of habitats (under different objects, on soil, on plants etc.). While studying the fauna of Coleoptera of Naujene rural municipality >720 specimens were collected.

The systematics, which is applied in H. Silfverberg (2004), is used as the basis in this list of species.

The material is stored in the collection of Institute of Systematic Biology Daugavpils University (DUBC) and in the private collection of author.

RESULTS

According to the results of the investigation hold on the area of Naujene rural municipality 165 species of Coleoptera belonging to 28 families were

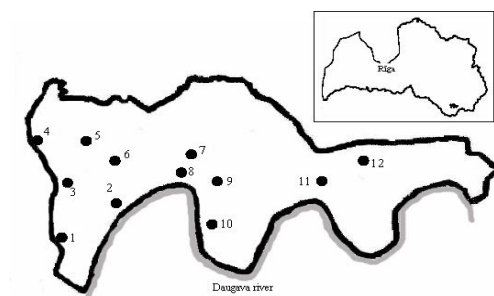


Fig. 1. Location of research area.

Naujene rural municipality: 1 – Vecstropi, 2 – Krauja, 3 – Stropi, 4 – 0,5 km E from Križi (Daugavpis City), 5 – Kašatniki, 6 – Lociki, 7 – Naujene, 8 – Juzefova park, 9 – Vecpils, 10 – Butiški, 11 – Vasargeliški, 12 – Bukšti.

ascertained, from which 5 species are protected in Latvia.

In the species list after the species name the place where it was found and the collecting date are indicated, in the brackets are indicated the number of collected specimens, information about habitat and collector's name abbreviation: A.Ba. – Arvīds Barševskis, A.Bu. – Andris Bukejs, G.L. – Guntis Lociks, M.B. – Maksims Balalaikins, M.S. – M. Skutele.

LIST OF SPECIES.

Leiodidae Fleming, 1821

1. *Sciodrepoides fumatus* (Spence, 1815) – Stropi, 16-17.06.2006. (2, in a cellar, A.Bu.).

Silphidae Latreille, 1807

2. *Thanatophilus rugosus* (Linnaeus, 1758) – Lociki, 16.VII.2001. (1, G.L.).

3. *Thanatophilus sinuatus* (Fabricius, 1775) – Lociki, 16.VII.2001. (1, G.L.).

4. *Thanatophilus dispar* (Herbst, 1793) – Lociki, 16.VII.2001. (1, G.L.).

5. *Oiceoptoma thoracica* (Linnaeus, 1758) – Stropi, IX.2003. (3, in pitfall trap, A.Bu.).

6. *Phosphuga atrata* (Linnaeus, 1758) – Lociki, 13.X.2000. (2, G.L.); Stropi, IX.2003. (2, in pitfall trap, A.Bu.), 13.VII.2005. (1, M.S.); Naujene, 15.X.2004. (9, Juzefova park, A.Ba.).

7. *Nicrophorus investigator* Zetterstedt, 1824 – Naujene, 21.VI.2002. (3, in Juzefova park, A.Ba.).

8. *Nicrophorus fossor* Erichson, 1837 (= *interruptus* Stephens, 1830) – Naujene, 21.VI.2002. (1, in Juzefova park, A.Ba.).

9. *Nicrophorus vespilloides* Herbst, 1783 – Stropi, VII.2003. (3, in pitfall trap, A.Bu.), IX.2003. (3, in pitfall trap, A.Bu.).

10. *Nicrophorus vespillo* (Linnaeus, 1758) – Stropi, 05.VIII.2006. (1, on cow excrements, A.Bu.).

Lucanidae Latreille, 1806

11. *Sinodendron cylindricum* (Linnaeus, 1758) – Naujene, 21.V.2002. (6, in Juzefova park, A.Ba.), 25.V.2002. (3, Juzefova park, A.Ba.), 15.X.2004. (3, Juzefova park, A.Ba.).

12. *Platycerus caprea* (DeGeer, 1774) – Stropi, 27.V.2006. (1, A.Bu.), 16.VI.2006. (1, A.Bu.).

13. *Platycerus caraboides caraboides* (Linnaeus, 1758) – Naujene, 24.V.2002. (1, Juzefova park, A.Ba.), 15.X.2004. (6, Juzefova park, A.Ba.); Stropi, 16.VI.2006. (2, mixed forest, under dry rotten birch bole, A.Bu.; and four specimens were observed).

14. *Dorcus parallelipedus* (Linnaeus, 1758) – Naujene, 25.V.2002. (2, Juzefova park, A.Ba.); Stropi, 12.VI.2005. (2, on old birch, A.Bu.), 11.VIII.2006. (1 dry specimen, forest near Lielais Stropu lake, in dry rotten birch bole, A.Bu.). Protected species in Latvia.

Geotrupidae Latreille, 1806

15. *Anoplotrupes stercorosus* (L.G.Scriba, 1791) – Stropi, VI-IX.2000-2004. (>40, mixed forest, in pitfall, A.Bu.), 29.VII.2006. (1, A.Bu.), 10.VIII.2006. (1, A.Bu.), 11.VIII.2006. (1, A.Bu.); Krauja, 28.VII.2006. (1, A.Bu.).

16. *Geotrupes spiniger* (Marsham, 1802) – Lociki, 06.VIII.2001. (1, G.L.), 18.IX.2001. (1, G.L.), 14.VIII.2006 (1, dry meadows, A.Ba.).

17. *Geotrupes stercorarius* (Linnaeus, 1758) – Stropi, IX.2003. (2, A.Bu.), 04.VIII.2006. (2, on cow excrements, A.Bu.), 10.VIII.2006. (2, A.Bu.).

18. *Trypocopris vernalis vernalis* (Linnaeus, 1758) – Butiški, 12.VIII.2006. (1 dry specimen, A.Bu. & M.B.).

Scarabaeidae Latreille, 1802

19. *Aphodius erraticus* (Linnaeus, 1758) – Lociki, 18.VII.2001. (1, G.L.), 14.VIII.2006. (3, A.Bu.).

20. *Aphodius subterraneus* (Linnaeus, 1758) – Lociki, 18.VII.2001. (2, G.L.), 27.VIII.2001. (2, G.L.).

21. *Aphodius fossor* (Linnaeus, 1758) – Lociki, 18.VII.2001. (1, G.L.), 27.VIII.2001. (1, G.L.); Stropi, 20.VII.2006. (7, in cow excrements, A.Bu.).

22. *Aphodius rufipes* (Linnaeus, 1758) – Stropi, 05.VIII.2006. (13, in cow excrements, A.Bu.); Lociki, 18.VII.2001. (2, G.L.).

23. *Aphodius depressus* (Kugelann, 1792) – Lociki, 06.V.2001. (2, G.L.).

24. *Aphodius distinctus* (O.F.Müller, 1776) – Stropi, 16.IV.2006. (1, in flight), 23.IX.2006. (1, in flight, A.Bu.).

25. *Aphodius prodromus* (Brahm, 1790) – Stropi, 07.V.2006. (6, on horse excrements, A.Bu.).

26. *Aphodius foetidus* (Herbst, 1783) – Lociki, 18.VII.2001. (2, G.L.); Stropi, 05.VIII.2006. (3, in cow excrements, A.Bu.).

27. *Aphodius fimetarius* (Linnaeus, 1758) – Lociki, 13.X.2000. (1, G.L.), 18.VII.2001. (5, G.L.), 27.VIII.2001. (4, G.L.); Stropi, 05.V.2006. (1, A.Bu.), 07.V.2006. (1, A.Bu.), 17.VII.2006. (3, A.Bu.), 29.VII.2006. (9, A.Bu.), 04.VIII.2006. (4, in cow excrements, A.Bu.), 05.VIII.2006. (3, in cow excrements, A.Bu.), 10.VIII.2006. (2, A.Bu.).

28. *Aphodius foetens* (Fabricius, 1787) – Stropi, 29.VII.2006. (1, A.Bu.), 04.VIII.2006. (2, in cow excrements, A.Bu.).

29. *Aphodius ater* (DeGeer, 1774) – Lociki, 18.VII.2001. (1, G.L.).

30. *Aphodius rufus* (Moll, 1782) (= *scybalarius* (Fabricius, 1781)) – Lociki, 18.VII.2001. (1, G.L.).

31. *Aphodius plagiatus* (Linnaeus, 1767) – Naujene, 21.V.2002. (2, in Daugava river walley, A.Ba.).

32. *Aphodius granarius* (Linnaeus, 1767) – Stropi, 29.VII.2006. (1, A.Bu.). 28.VII.2006. (1, A.Bu.); Lociki, 21.VII.2001. (1, G.L.), 06.VIII.2001. (1, G.L.).
33. *Oxylomus sylvestris* (Scopoli, 1763) – Lociki, 07.VIII.2006. (1, G.L.). **Buprestidae** Leach, 1815
34. *Copris lunaris* (Linnaeus, 1758) – Stropi, 05.VIII.2006. (1, on fresh cow excrements, A.Bu.). Protected species in Latvia. 45. *Chalcophora mariana mariana* (Linnaeus, 1758) – Vasargeliški, 26.VI.2001. (2, G.L.); Stropi, 28.VI.2006. (1, old forest clearing, on dry pine bole, A.Bu.). Protected species in Latvia.
35. *Omalopia ruricola* (Fabricius, 1775) – Križi, 0,5 km E, 12.VII.2006 (2, A.Ba.). 46. *Poecilonota variolosa variolosa* (Paykull, 1799) – Naujene, 25.V.2002. (2, Juzefova park, A.Ba.).
36. *Amphimallon solstitiale solstitiale* (Linnaeus, 1758) – Stropi, 08.VII.2006. (1, in flight, A.Bu.). 47. *Anthaxia quadripunctata* (Linnaeus, 1758) – Stropi, 28.VI.2006. (1, old forest clearing, A.Bu.), 02.VII.2006. (1, A.Bu.), 09.VII.2006. (1, old forest clearing, A.Bu.); Lociki, 14.VIII.2006. (1, A.Ba.).
37. *Melolontha melolontha* (Linnaeus, 1758) – Vasargeliški, 26.VI.2001. (1, G.L.). 48. *Anthaxia godeti* Gory, Laporte de Castelnau, 1839 – Križi, 0,5 km E, 12.VII.2006 (1, A.Ba.).
38. *Hoplia graminicola* (Fabricius, 1792) – Vasargeliški, 26.VI.2001. (1, G.L.). 49. *Trachys minutus* (Linnaeus, 1758) – Stropi, 26-27.V.2006. (2, A.Bu.), 03.VI.2006. (3, A.Bu.), 11.VIII.2006. (3, A.Bu.); Butiški, 12.VIII.2006. (2, valley of Daugava river, A.Bu. & M.B.), 21.VIII.2006. (1, near Daugava river, A.Bu. & M.B.); Lociki, 26.V.2001. (1, G.L.), 24.VIII.2001. (1, G.L.), 14.VIII.2006. (5, A.Ba.).
39. *Oryctes nasicornis nasicornis* (Linnaeus, 1758) – Kašatniki, 09.VIII.2001. (3, G.L.). Protected species in Latvia. 50. *Trachys troglodytes* Gyllenhal, 1817 – Lociki, 05.VIII.2001. (1, G.L.); Stropi, 11.VIII.2006. (1, A.Bu.).
40. *Anomala dubia* (Scopoli, 1763) – Vasargeliški, 26.VI.2001. (1, G.L.); Stropi, 27.VI.2006. (1, A.Bu.), 08.VII.2006. (1, A.Bu.). **Byrrhidae** Latreille, 1804
41. *Phyllopertha horticola* (Linnaeus, 1758) – Stropi, 09.VI.2006. (2, agrocenosis, A.Bu.), 27.VI.2006. (1, A.Bu.). 51. *Morychus aeneus* (Fabricius, 1775) – Lociki, 29.V.2001. (1, G.L.).
42. *Cetonia aurata aurata* (Linnaeus, 1758) – Lociki, 20.V.2001. (1, G.L.), 21.VII.2001. (1, G.L.); Butiški, 12.VIII.2006. (1, A.Bu. & M.B.); Stropi, IX.2003. (1, A.Bu.), 16-17.VI.2006. (1, A.Bu.), 27.VI.2006. (>20, on flowers of Umbelliferae, A.Bu.), 09.VII.2006. (1, old forest clearing, A.Bu.). 52. *Cytilus sericeus* (Forster, 1771) – Stropi, 29-30.IV.2006. (2, agrocenosis, A.Bu.), 01.V.2006. (1, A.Bu.).
43. *Potosia cuprea metallica* (Herbst, 1782) – Lociki, 22.VI.2001. (1, G.L.); Stropi, 16.VI.2006. (1, old forest clearing, A.Bu.), 09.VII.2006. (2, old forest clearing, A.Bu.). 53. *Byrrus pilula pilula* (Linnaeus, 1758) – Lociki, 22.VI.2001. (1, G.L.).
44. *Trichius fasciatus* (Linnaeus, 1758) – Stropi, 28.VI.2006. (1, old forest clearing, A.Bu.); Krauja, **Throscidae** Laporte de Castelnau, 1840

54. *Trixagus dermestoides* (Linnaeus, 1767) – Vasargeliški, 02.VIII.2001. (1, G.L.); Lociki, 26.VI.2001. (1, G.L.).
- Elateridae** Leach, 1815
- Distribution of click-beetles species of Latvia's fauna see in A.Barševskis (2005).
55. *Agrypnus murinus* (Linnaeus, 1758) – Stropi, 13.V.2006. (1, A.Bu.), 03.VI.2006. (2, A.Bu.), 09.VI.2006. (1, agrocenozis, A.Bu.), 16.VI.2006. (2, A.Bu.), 27.VI.2006. (1, A.Bu.), 02.VII.2006. (1, A.Bu.).
56. *Athous subfuscus* (Müller, 1767) – Stropi, 09.VI.2006. (7, A.Bu.), 09.VII.2006. (1, forest clearing, A.Bu.).
57. *Cidnopus aeruginosus* (Olivier, 1790) – Stropi, 05.V.2006. (2, A.Bu.), 13.V.2006. (2, A.Bu.), 03.VI.2006. (3, A.Bu.), 09.VI.2006. (2, A.Bu.).
58. *Ctenicera pectinicornis* (Linnaeus, 1758) – Stropi, 03.VI.2006. (2, A.Bu.).
59. *Actenicerus sjaelandicus* (O.F.Müller, 1764) – Stropi, 03.V.2006. (3, A.Bu.).
60. *Prosternon tessellatum* (Linnaeus, 1758) – Butiški, 12.VIII.2006. (2, valley of Daugava river, A.Bu. & M.B.).
61. *Selatosomus cruciatus* (Linnaeus, 1758) – Stropi, 29.IV.2006. (1, mixed forest, in dry rotten birch bole, A.Bu.).
62. *Selatosomus aeneus* (Linnaeus, 1758) – Stropi, 29-30.IV.2006. (4, A.Bu.), 05.V.2006. (2, agrocenozis, A.Bu.), 06.V.2006. (1, A.Bu.), 13.V.2006. (9, A.Bu.), 26-27.V.2006. (3, A.Bu.), 09.VI.2006. (3, agrocenozis, A.Bu.), 17.VII.2006. (1, A.Bu.).
63. *Ampedus sanguinolentus* (Schrank, 1776) – Naujene, 25.V.2002. (1, Juzefova Park, A.Ba.).
64. *Agriotes obscurus* (Linnaeus, 1758) – Naujene, 25.V.2002. (1, Juzefova Park, A.Ba.);
- Stropi, 03.VI.2006. (1, A.Bu.), 09.VI.2006. (1, agrocenozis, A.Bu.).
65. *Ectinus aterrimus* (Linnaeus, 1761) – Stropi, 03.VI.2006. (5, A.Bu.), 09.VI.2006. (1, agrocenozis, A.Bu.).
66. *Dalopius marginatus* (Linnaeus, 1758) – Stropi, 14.V.2006. (1, bank of Lielais Stropu lake, A.Bu.), 26-27.V.2006. (1, A.Bu.), 03.VI.2006. (1, A.Bu.), 09.VI.2006. (3, agrocenozis, A.Bu.).
67. *Cardiophorus ruficollis* (Linnaeus, 1758) – Stropi, 29-30.IV.2006. (5, A.Bu.), 06.V.2006. (1, A.Bu.).
- Lycidae** Laporte de Castelnau, 1840
68. *Platycis minutus* (Fabricius, 1787) – Lociki, 08.VIII.2001. (1, G.L.)
69. *Lygistopterus sanguineus* (Linnaeus, 1758) – Naujene, 25.V.2002. (2, Juzepova park, A.Ba.).
- Cantharidae** Imhoff, 1856
70. *Cantharis fusca* Linnaeus, 1758 – Lociki, 26.V.2001. (2, G.L.).
71. *Cantharis rustica* Fallén, 1807 – Naujene, 25.V.2002. (1, Juzefova park, A.Ba.); Stropi, 27.VI.2006. (1, A.Bu.).
72. *Cantharis nigricans* (O.F.Müller, 1776) – Lociki, 26.V.2001. (1, G.L.); Stropi, 03.VI.2006. (1, A.Bu.), 09.VI.2006. (2, A.Bu.).
73. *Cantharis pellucida* Fabricius, 1792 – Lociki, 26.V.2001. (1, G.L.); Naujene, 25.V.2002. (3, Juzefova park, A.Ba.); Stropi, 03.VI.2006. (1, A.Bu.), 09.VI.2006. (1, A.Bu.).
74. *Cantharis livida* Linnaeus, 1758 – Stropi, 26-27.V.2006. (1, A.Bu.), 09.VI.2006. (1, agrocenozis, A.Bu.), 16.VI.2006. (1, A.Bu.).
75. *Cantharis fulvicollis* Fabricius, 1792 – Stropi, 02.VII.2006. (1, A.Bu.), 09.VII.2006. (1, old forest clearing, A.Bu.).

76. *Rhagonicha fulva* (Scopoli, 1763) – Butiški, 12.VIII.2006. (>15, valley of Daugava river, A.Bu. & M.B.); Krauja, 28.VII.2006. (2, A.Bu.); Lociki, 21.VII.2001. (1, G.L.); Vecstropi, 14.VII.2005. (1, M.S.).
77. *Rhagonycha limbata* Thomson, 1864 – Lociki, 15.V.2001. (1, G.L.); Stropi, 09.VII.2006. (2, old forest clearing, A.Bu.).
- Dermestidae** Latreille, 1807
78. *Dermestes lardarius* Linnaeus, 1758 – Lociki, 10.VIII.2001. (3, G.L.); Stropi, 24.III.2006. (1, in room, A.Bu.).
79. *Attagenus smirnovi* Zhantiev, 1973 – Stropi, V.2004. (1, A.Bu.).
80. *Anthrenus scrophulariae scrophulariae* (Linnaeus, 1758) – Stropi, 13.V.2006. (33, on flowers of *Prunus sp.*, A.Bu.).
81. *Anthrenus museorum* (Linnaeus, 1761) – Lociki, 22.VI.2001. (2, G.L.); Stropi, 17.VII.2006. (2, A.Bu.).
- Anobiidae** Kirby, 1837
82. *Ptinus fur* (Linnaeus, 1758) – Lociki, 07.VIII.2001. (1, G.L.).
83. *Ptinus raptor* Sturm, 1837 – Lociki, 07.VIII.2001. (1, G.L.).
84. *Cacotemnus rufipes* (Fabricius, 1792) – Stropi, 22.VII.2006. (1, A.Bu.).
85. *Hadrobregmus pertinax* (Linnaeus, 1758) – Lociki, 07.VIII.2001. (1, G.L.); Stropi, 13.V.2006. (3, A.Bu.).
86. *Priobium carpini* (Herbst, 1793) – Vecstropi, 14.VII.2005. (1, M.S.).
- Cleridae** Latreille, 1802
87. *Tillus elongatus* (Linnaeus, 1758) – Stropi, 09.VII.2006. (1, A.Bu.).
88. *Korynetes caeruleus* (DeGeer, 1775) – Lociki, 16.VII.2001. (1, G.L.), 02.VIII.2001. (1, G.L.).
- Melyridae** Leach, 1815
89. *Dasytes niger* (Linnaeus, 1761) – Stropi, 13.V.2006. (2, A.Bu.); Butiški, 12.VIII.2006. (1, valley of Daugava river, A.Bu. & M.B.).
- Dasytes plumbeus* (O.F.Müller, 1776) – Lociki, 21.VII.2001. (1, G.L.), 27.VIII.2001. (2, G.L.); Krauja, 28.VII.2006. (1, A.Bu.); Stropi, 09.VII.2006. (4, forest clearing, A.Bu.).
90. *Dasytes fuscus* (Illiger, 1801) – Stropi, 09.VI.2006. (1, A.Bu.), 28.VI.2006. (1, forest clearing, A.Bu.).
91. *Dolichosoma lineare* (Rossi, 1792) – Stropi, 08.VII.2006. (1, A.Bu.), 09.VII.2006. (1, old forest clearing, A.Bu.).
92. *Malachius bipustulatus* (Linnaeus, 1758) – Naujene, 25.V.2002. (3, Juzefova park, A.Ba.); Stropi, 13.V.2006. (1, A.Bu.).
93. *Anthocomus rufus* (Herbst, 1784) – Lociki, 14.VIII.2001. (1, G.L.); Stropi, 11.VIII.2006. (1, A.Bu.).
94. *Anthocomus equestris* (Fabricius, 1781) (= *bipunctatus* Harer) – Stropi, 09.VI.2006. (1, A.Bu.), 17.VII.2006. (1, A.Bu.).
- Silvanidae** Kirby, 1837
95. *Uleiota planata* (Linnaeus, 1761) – Krauja, 28.VI.2006. (1, mixed forest, under a bark of dead fir, A.Bu.); Bukšti, 03.VIII.2001. (2, G.L.).
- Erotylidae** Latreille, 1802
96. *Tritoma subbasalis* (Reitter, 1896) – 29-30.IV.2006. (4, on fresh birch stump, A.Bu.).
97. *Triplax rufipes* (Fabricius, 1775) – Stropi, 11.VIII.2006. (4, in fungi, A.Bu.).
- Endomychidae** Leach, 1815

98. *Endomychus coccineus* (Linnaeus, 1758) – Stropi, 14.V.2006. (3, swampy bank of Lielais Stropi lake, A.Bu.).
- Coccinellidae** Latreille, 1807
99. *Chilocorus renipustulatus* (L.G.Scriba, 1790) – Stropi, 29-30.IV.2006. (1, A.Bu.); Lociki, 26.VIII.2001. (1, G.L.).
100. *Exochomus quadripustulatus* (Linnaeus, 1758) – Stropi, 27.IV.2006. (1, in flight, A.Bu.).
101. *Coccinula quatuordecimpustulata* (Linnaeus, 1758) – Butiški, 12.VIII.2006. (4, valley of Daugava river, A.Bu. & M.B.); Stropi, 05.V.2006. (1, A.Bu.), 08.VII.2006. (1, A.Bu.), 04.VIII.2006. (1, A.Bu.), 10.VIII.2006. (1, A.Bu.); Lociki, 27.VIII.2001. (1, G.L.).
102. *Anisosticta novemdecimpunctata* (Linnaeus, 1758) – Butiški, 12.VIII.2006. (2, valley of Daugva river, A.Bu. & M.B.); Stropi, 08.VII.2006. (1, A.Bu.), 11.VIII.2006. (3, A.Bu.).
103. *Propylea quatuordecimpunctata* (Linnaeus, 1758) – Bukšti, 03.VIII.2001. (1, G.L.), Lociki, 06.VIII.2001. (1, G.L.); Stropi, 06.V.2006. (1, A.Bu.), 09.VI.2006. (1, A.Bu.), 09.VII.2006. (2, old forest clearing, A.Bu.), 17.VII.2006. (1, A.Bu.), 10.VIII.2006. (1, A.Bu.), 11.VIII.2006. (1, A.Bu.); Krauja, 28.VII.2006. (1, A.Bu.); Butiški, 12.VIII.2006. (3, valley of Daugav river, A.Bu. & M.B.).
104. *Calvia decemguttata* (Linnaeus, 1767) – Stropi, 13.VII.2005. (1, M.S.).
105. *Calvia quatuordecimguttata* (Linnaeus, 1758) – Lociki, 14.VIII.2001. (1, G.L.); Stropi, 09.VII.2006. (1, old forest clearing, A.Bu.).
106. *Anatis ocellata* (Linnaeus, 1758) – Stropi, 09.VII.2006. (1, old forest clearing, A.Bu.).
107. *Tytthopsis sedecimpunctata* (Linnaeus, 1761) – Lociki, 02.VIII.2001. (1, G.L.), 27.VIII.2001. (1, G.L.); Stropi, 23.IX.2006. (1, A.Bu.).
108. *Halyzia sedecimguttata* (Linnaeus, 1758) – Lociki, 02.VIII.2001. (1, G.L.); Stropi, 29-30.IV.2006. (1, A.Bu.).
109. *Psyllobora vigintiduopunctata* (Linnaeus, 1758) – Lociki, 21.VII.2001. (1, G.L.); Stropi, 13.VII.2005. (1, M.S.), 05.V.2006. (1, A.Bu.), 27.VI.2006. (1, A.Bu.), 17.VII.2006. (2, A.Bu.); Butiški, 21.VIII.2006. (1, valley of Daugava river, A.Bu. & M.B.).
110. *Aphidecta obliterated* (Linnaeus, 1758) – Lociki, 13.X.2000. (3, G.L.).
111. *Hippodamia notata* (Laicharting, 1781) – Butiški, 12.VIII.2006. (2, valley of Daugava river, A.Bu. & M.B.), 21.VIII.2006. (1, valley of Daugava river, A.Bu. & M.B.); Krauja, 28.VII.2006. (2, A.Bu.); Stropi, 29.VII.2006. (3, A.Bu.), 11.VIII.2006. (1, A.Bu.); Lociki, 21.VII.2001. (1, G.L.), 24.VII.2001. (1, G.L.).
112. *Hippodamia tredecimpunctata* (Linnaeus, 1758) – Lociki, 21.VII.2001. (1, G.L.); Stropi, 09.VI.2006. (1, A.Bu.), 10.VIII.2006. (1, A.Bu.); Butiški, 12.VIII.2006. (1, valley of Daugava river, A.Bu. & M.B.).
113. *Hippodamia variegata* (Goeze, 1777) – Butiški, 12.VIII.2006. (2, valley of Daugava river, A.Bu. & M.B.).
114. *Coccinella septempunctata* Linnaeus, 1758 – Butiški, 12.VIII.2006. (1, valley of Daugava river, A.Bu. & M.B.), 21.VIII.2006. (1, valley of Daugava river, A.Bu. & M.B.); Lociki, 06.VIII.2001. (1, G.L.); Stropi, 26-27.V.2006. (2, A.Bu.), 29.VII.2006. (1, A.Bu.).
115. *Coccinella magnifica* Redtenbacher, 1843 (= *distincta* Faldermann, 1837) – Stropi, 09.VI.2006. (1, A.Bu.); Butiški, 21.VIII.2006. (1, valley of Daugava river, A.Bu. & M.B.).
116. *Coccinella quinquepunctata* Linnaeus, 1758 – Lociki, 08.VIII.2001. (1, G.L.); Butiški, 12.VIII.2006. (2, valley of Daugava river, A.Bu. & M.B.), 21.VIII.2006. (2, valley of Daugava river, A.Bu. & M.B.).

117. *Adalia bipunctata* (Linnaeus, 1758) – Lociki, 13.X.2000. (3, G.L.); Butiški, 12.VIII.2006. (1, valley of Daugava river, A.Bu. & M.B.).
118. *Subcoccinella vigintiquatuorpunctata* (Linnaeus, 1758) – Lociki, 20.VIII.2001. (5, G.L.); Stropi, 27.VI.2006. (1, A.Bu.); Butiški, 12.VIII.2006. (5, valley of Daugava river, A.Bu. & M.B.), 21.VIII.2006. (2, near Daugava river, A.Bu. & M.B.).
- Melandryidae** Leach, 1815
119. *Melandrya dubia* (Schaller, 1783) – Naujene, 24.V.2002. (1, Juzefova park, A.Ba.), 25.V.2002. (2, Juzefova park, A.Ba.). It is a single locality in eastern Latvia (in valley of river Daugava).
- Tenebrionidae** Latreille, 1802
120. *Lagria hirta* (Linnaeus, 1758) – Krauja, 28.VII.2006. (1, A.Bu.).
121. *Opatrum riparium* Scriba, 1865 – Bukšti, 21.X.2000. (1, G.L.).
122. *Melanimon tibiale* (Fabricius, 1781) – Stropi, 29-30.IV.2006. (1, A.Bu.).
123. *Uloma culinaria* (Linnaeus, 1758) – Kašatniki, 09.VIII.2006. (2, G.L.); Stropi, VII.2003. (1, A.Bu.).
124. *Uloma rufa* (Piller, Mitterpacher, 1783) – Stropi, IX.2003. (1, A.Bu.).
125. *Tribolium castaneum* (Herbst, 1797) – Stropi, 09.VI.2006. (1, A.Bu.). Synantropic species.
126. *Tenebrio molitor* (Linnaeus, 1758) – Lociki, 16.VII.2001. (1, G.L.). Synantropic species.
127. *Mycetochara flavipes* (Fabricius, 1792) – Naujene, 25.V.2002. (3, Juzefova park, A.Ba.).
128. *Bolitophagus reticulatus* (Linnaeus, 1767) – Stropi, 29-30.IV.2006. (4, A.Bu.), 29.VII.2006. (2, A.Bu.); Butiški, 12.VIII.2006. (4, A.Bu. & M.B.), 21.VIII.2006. (1, A.Bu. & M.B.); Krauja, 28.VII.2006. (4, A.Bu.); Vasargeliški, 26.VI.2001. (1, G.L.).
129. *Crypticus quisquilius* (Linnaeus, 1761) – Stropi, VII.2002. (3, A.Bu.), VIII.2002. (8, A.Bu.), 27.VI.2006. (1, A.Bu.); Vasargeliški, 26.VI.2006. (1, G.L.).
130. *Diaperis boleti* (Linnaeus, 1758) – Stropi, 14.V.2006. (4, bank of Lielais Stropu lake, in fungi, A.Bu.), 16.VI.2006. (2, old forest clearing, A.Bu.).
- Oedemeridae** Latreille, 1810
131. *Chrysanthia viridissima* (Linnaeus, 1758) – Stropi, 08.VII.2006. (1, A.Bu.).
132. *Chrysanthia geniculata* (W.Schmidt, 1846) (= *nigricornis* Westhoff, 1881) – Krauja, 28.VII.2006. (1, A.Bu.); Stropi, 17.VII.2006. (1, A.Bu.), 08.VII.2006. (8, A.Bu.), 09.VII.2006. (2, old fores clearing, A.Bu.), 29.VII.2006. (2, A.Bu.), 11.VIII.2006. (1, A.Bu.).
133. *Oedemera lurida* (Marsham, 1802) – Krauja, 28.VII.2006. (1, A.Bu.); Stropi, 27.V.2006. (1, A.Bu.), 08.VII.2006. (1, A.Bu.).
134. *Oedemera virescens* (Linnaeus, 1767) – Stropi, 26-27.V.2006. (1, A.Bu.), 09.VII.2006. (1, old forest clearing, A.Bu.).
- Meloidae** Gyllenhal, 1810
135. *Meloe violaceus* Marsham, 1802 – Stropi, 02.V.2006. (1, mixed forest, in dry rotten birch bole, A.Bu.). Protected species in Latvia.
- Pyrochroidae** Latreille, 1807
136. *Pyrochroa coccinea* (Linnaeus, 1761) – Stropi, 09.VII.2006. (1, old forest clearing, A.Bu.).
137. *Schizotus pectinicornis* (Linnaeus, 1758) – Lociki, 26.V.2001. (1, G.L.).
- Anthicidae** Latreille, 1819

138. *Notoxus monoceros monoceros* (Linnaeus, 1760) – Butiški, 12.VIII.2006. (5, near Daugava river, A.Bu. & M.B.); Stropi, VIII.2000. (2, sandy agrocenosis, A.Bu.), 20.IX.2005. (1, A.Bu.), 26-27.V.2006. (1, A.Bu.), 08.VII.2006. (1, A.Bu.), 13.VIII.2006. (1, A.Bu.).
139. *Omonadus floralis* (Linnaeus, 1758) – Lociki, 07.VIII.2001. (1, G.L.), 20.VIII.2001. (1, G.L.); Stropi, 02.VII.2006. (1, A.Bu.).
- Cerambycidae** Latreille, 1802
140. *Spondylis buprestoides* (Linnaeus, 1758) – Stropi, VII.2002. (1, A.Bu.), 09.VI.2006. (fragments of a body, mixed forest, A.Bu.), 29.VII.2006. (2, A.Bu.); Vecstropi, 14.VII.2005. (2, M.S.).
141. *Tetropium castaneum* (Linnaeus, 1758) – Stropi, 09.VII.2006. (9, old forest clearing, under a bark of dead arbor, A.Bu.).
142. *Rhagium mordax* (DeGeer, 1775) – Stropi, 13.V.2006. (1, A.Bu.), 14.V.2006. (2, bank of Lielais Stropu lake, A.Bu.), 03.VI.2006. (2, A.Bu.).
143. *Oxymirus cursor* (Linnaeus, 1758) – Stropi, 09.VI.2006. (fragments of a body, mixed for, A.Bu.).
144. *Pachyta quadrimaculata* (Linnaeus, 1758) – Krauja, (1, on a flower of Umbelliferae, A.Bu.).
145. *Dinoptera collaris* (Linnaeus, 1758) – Stropi, 28.VI.2006. (1, old forest clearing, on a flower of *Rubus idaeus*, A.Bu.), 09.VII.2006. (1, old forest clearing, A.Bu.), 04.VIII.2006. (1, A.Bu.).
146. *Pseudovadonia livida* (Fabricius, 1776) – Stropi, 27.VI.2006. (1, A.Bu.), 02.VII.2006. (1, A.Bu.), 17.VII.2006. (1, A.Bu.).
147. *Paracorymbia maculicornis maculicornis* (DeGeer, 1775) – Stropi, 10.VI.2006. (2, on a flower, A.Bu.), 08.VII.2006. (1, A.Bu.), 09.VII.2006. (2, old forest clearing, A.Bu.).
148. *Stictoleptura rubra rubra* (Linnaeus, 1758) – Krauja, 28.VII.2006. (2, A.Bu.); Stropi, 29.VII.2006. (1, A.Bu.); Butiški, 12.VIII.2006. (1, valley of Daugava river, A.Bu. & M.B.).
149. *Anastrangalia reyi* (Heyden, 1889) – Stropi, 28.VI.2006. (2, old forest clearing, A.Bu.), 09.VII.2006. (1, old forest clearing, A.Bu.).
150. *Leptura quadrifasciata quadrifasciata* Linnaeus, 1758 – Butiški, 12.VIII.2006. (1, valley of Daugava river, A.Bu. & M.B.); Naujene, 25.V.2002. (1, Juzefova park, A.Ba.); Stropi, 27.VI.2006. (1, on a flower of Umbelliferae, A.Bu.), 28.VI.2006. (1, old fores clearing, A.Bu.), 09.VII.2006. (1, old forest clearing, A.Bu.), 29.VII.2006. (6, A.Bu.).
151. *Stenurella melanura* (Linnaeus, 1758) – Stropi, 08.VIII.2006. (3, A.Bu.), 09.VII.2006. (4, old forest clearing, A.Bu.).
152. *Stenurella bifasciata bifasciata* (O.F.Müller, 1776) – Butiški, 12.VIII.2006. (1, valley of Daugava river, A.Bu. & M.B.).
153. *Obrium cantharinum cantharinum* (Linnaeus, 1767) – Stropi, 02.VII.2006. (1, A.Bu.).
154. *Callidium violaceum* (Linnaeus, 1758) – Stropi, 13.VII.2005. (1, M.S.), 27.V.2006. (1, A.Bu.), 10.VI.2006. (1, A.Bu.).
155. *Xylotrechus rusticus* (Linnaeus, 1758) – Naujene, 25.V.2002. (2, Juzefova park, A.Ba.).
156. *Lamia textor* (Linnaeus, 1758) – Stropi, 13.VII.2005. (1, M.S.).
157. *Pogonocherus decoratus* Fairmaire, 1855 – Stropi, 26.VII.2006. (1, a forest near Lielais Stropu lake, A.Bu.).
158. *Tetrops praeustus* (Linnaeus, 1758) – Stropi, 16-17.VI.2006. (1, A.Bu.).
- Bruchidae** Latreille, 1802

159. *Bruchus loti* Paykull, 1800 – Naujene, 25.V.2002. (1, Juzefova park, A.Ba.).

160. *Bruchus atomarius* (Linnaeus, 1761) – Stropi, 29.VII.2006. (1, A.Bu.).

Attelabidae Billberg, 1820

161. *Neocoenorrhinus aequatus* (Linnaeus, 1767) – Stropi, 10.VI.2006. (4, on flowers of *Aronia melanocarpa*, A.Bu.), 17.VII.2006. (1, A.Bu.).

162. *Byctiscus betulae* (Linnaeus, 1758) – Lociki, 26.V.2001. (1, G.L.); Stropi, 09.VI.2006. (1, A.Bu.).

163. *Byctiscus populi* (Linnaeus, 1758) – Stropi, 09.VI.2006. (1, A.Bu.).

164. *Deporaus betulae* (Linnaeus, 1758) – Lociki, 19.V.2001. (1, G.L.), 26.V.2001. (1, G.L.); Naujene, 25.V.2002. (1, Juzefova park, A.Ba.).

165. *Apoderus coryli* (Linnaeus, 1758) – Vecpils, 21.VIII.2006. (1, A.Bu.); Stropi, 09.VI.2006. (1, A.Bu.); Butiški, 03.VIII.2001. (1, G.L.).

Among recorded species 75 are new for fauna of Naujene rural municipality: Leiodidae (1), Silphidae (3), Geotrupidae (2), Scarabaeidae (7), Buprestidae (5), Byrrhidae (1), Elateridae (5), Throscidae (1), Lycidae (2), Dermestidae (3), Anobidae (4), Cleridae (2), Melyridae (3), Silvanidae (1), Erotyidae (1), Coccinellidae (5), Oedemeridae (2), Pyrochroidae (1), Anthicidae (1), Tenebrionidae (9), Cerambycidae (11), Bruchidae (1) and Attelabidae (4).

Recorded several species which are included in the list of indicators of natural forest habitats: *Dorcus parallelipedus* (Linnaeus, 1758), *Platycerus caprea* (DeGeer, 1774), *Platycerus caraboides caraboides* (Linnaeus, 1758), *Chalcophora mariana mariana* (Linnaeus, 1758), *Poecilnota variolosa variolosa* (Paykull, 1799), *Melandrya dubia* (Schaller, 1783).

The records published in the article will complete the information about Coleoptera species distribution in Latvia.

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