

Results of beetles (Coleoptera) survey of Zástudánčí National Nature Reserve (Central Moravia) 2008 – part 2

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Výsledky průzkumu brouků (Coleoptera) NPR Zástudánčí (střední Morava) provedeného v roce 2008 – 2. část. – Čas. Slez. Muz. Opava (A), 60: 165-178, 2011.

Abstract: Faunistic survey of beetles (Coleoptera) in Zástudánčí National Nature Reserve (Central Moravia) was performed in 2008. Various survey and trapping methods were used in order to record as many species of beetles. The survey recorded 857 species from 64 families. Faunistic data of 41 of them (Nosodendidae, Dermestidae, Anobiidae, Cleridae, Melyridae, Sphindidae, Kateretidae, Nitidulidae, Monotomidae, Silvanidae, Cucujidae, Laemophloeidae, Phalacridae, Cryptophagidae, Erotylidae, Byturidae, Bothrideridae, Cerylonidae, Endomychidae, Coccinellidae, Zopheridae, Corylophidae, Latridiidae, Mycetophagidae, Ciidae, Tetratomidae, Melandryidae, Mordellidae, Tenebrionidae, Oedemeridae, Pyrochroidae, Salpingidae, Anthicidae, Scraptiidae, Cerambycidae, Orsodacnidae, Chrysomelidae, Anthribidae, Attelabidae, Apionidae, and Curculionidae) are presented. Presenting data represent 1394 specimens belonging to 401 species. *Cucujus cinnaberinus* (Cucujidae), species belonging to the NATURA 2000, was recorded.

Key words: faunistics, Coleoptera, Zástudánčí National Nature Reserve, Czech Republic, *Cucujus cinnaberinus*

Introduction

Zástudánčí National Nature Reserve is at first sight very interesting territory from fauna diversity point of view. Despite of this fact, it was very insufficiently documented.

Inventory survey of aquatic beetles was made by Merta (2004), butterflies with day activity by Čelechovský (1993, 2001a,b) and Čelechovská (2001). First integral data about beetles (Coleoptera) brings Nakládal (2011) and this paper which form its second published part.

Natural conditions and characteristic of the study area have been summarized by Nakládal (2011) in first published part of the survey.

Material and methods

The aim of this survey was to record as many species of beetles, therefore various collecting methods were utilized, including individual sampling (especially in the riparian zone of the Morava river and aquatic habitats), beating of trees and bushes, sweeping (in day and also at night), capturing of aquatic beetles by sieve, pitfall trapping, examination of excrements and carrion, sifting of organic substrates (especially from anthills and tree hollows and bases), night sampling from trees, luring at light on white canvas, capturing on fermented tree sap, luring by ferment fruits, collecting trunks and branches and their subsequent getting under laboratory condition.

The study area was visited on 9.v., 29.v., 14.vi., 22.vi., 11.vii., 17.viii. and 19.x.2008. The pitfall traps (ethylenglycol was utilized to fix the specimens) were set on 29.v.–11.vii.2008 and 11.vii.–17.viii.2008 (to the 4 different biotopes – see Nakládal (2011) for exact position of the traps).

The nomenclature follows Löbel & Smetana (2007, 2008, 2010) excluding Curculionoidea. System of families in Curculionoidea superfamily follows Vorst (2010). The species within each family are listed alphabetically.

Identification: Family Dermestidae identified Jiří Háva (Únětice), Anobiidae Petr Zahradník (Praha), Kateretidae, Nitidulidae and Byturidae Josef Jelínek (Praha), Monotomidae, Silvanidae, Laemophloeidae, Cryptophagidae, Erotylidae, Cerylonidae, Corylophidae, Latridiidae, Mycetophagidae, Ciidae and Salpingidae Pavel Průdek (Brno), Phalacridae Zdeněk Švec (Praha), Coccinellidae Vladimír Navrátil (Praha), Melandryidae, Mordellidae and Scraptiidae Jan Horák (Praha), Oedemeridae (Vladimír Švihla), Anthicidae Zbyněk Kejval (Chodsko Museum, Domažlice), Orsodacnidae, Chrysomelidae, Anthribidae, Attelabidae, Apionidae, and Curculionidae (except Scolytinae and Platypodinae) Jaromír Strejček (Praha) – unless otherwise stated in the Results. Others families were identified by author.

Results

Faunistics data for 41 families are presented in this part of paper (Nosodendridae, Dermestidae, Anobidae, Cleridae, Melyridae, Sphindidae, Kateretidae, Nitidulidae, Monotomidae, Silvanidae, Cucujidae, Laemophloeidae, Phalacridae, Cryptophagidae, Erotylidae, Byturidae, Bothrideridae, Cerylonidae, Endomychidae, Coccinellidae, Zopheridae, Corylophidae, Latridiidae, Mycetophagidae, Ciidae, Tetratomidae, Melandryidae, Mordellidae, Tenebrionidae, Oedemeridae, Pyrochroidae, Salpingidae, Anthicidae, Scraptiidae, Cerambycidae, Orsodacnidae, Chrysomelidae, Anthribidae, Attelabidae, Apionidae and Curculionidae).

The families contain records of 1394 specimen representing 401 species (from all count of 3585 spec. belonging to 857 species from 64 families).

Data „Tovačov env., Zástudánčí National Nature Reserve“ belong to all recorded specimens.

All specimens were captured by the author and they are deposited in his private collection (unless otherwise stated in the Results).

Abbreviations: PFT – pitfall trap

NOSODENDRIDAE

Nosodendron fasciculare (Olivier, 1790): (6569), 9.v.2008, on oozing sap of *Acer*, 1 spec.; (6569), 14.vi.2008, on oozing sap of *Quercus*, 1 spec.

DERMESTIDAE

Anthrenus scrophulariae scrophulariae (Linnaeus, 1758): (6569), 14.vi.2008, 1 spec.

Dermestes frischii Kugelann, 1792: (6569), 22.vi.2008, 1 spec.; (6569), 11.vii.2008, 1 spec.

Dermestes murinus murinus Linnaeus, 1758: (6569), 22.vi.2008, on carrion, 1 spec.; (6569), 11.vii.-17.viii.2008, PFT – locality 3, 2 spec.; (6569), 17.viii.2008, 1 spec.

Globicornis nigripes (Fabricius, 1792): (6569), 29.v.2008, 1 spec.

Trinodes hirtus (Fabricius, 1781): (6569), 14.vi.2008, 1 spec., O. Nakládal det.; (6569), 22.vi.2008, sifted from base of old tree, 1 spec., O. Nakládal det.

Trogoderma glabrum (Herbst, 1783): (6569), 22.vi.2008, 1 spec.

PTINIDAE

Cacotemnus rufipes (Fabricius, 1792): (6569), 22.vi.2008, 1 spec.

Gastrallus laevigatus (Olivier, 1790): (6569), 11.vii.2008, 1 spec.

Hemicoelus fulvicornis (Sturm, 1837): (6569), 14.vi.2008, 1 spec.; (6569), 22.vi.2008, 1 spec.

Oligomerus brunneus (Olivier, 1790): (6569), 11.vii.2008, 1 spec.

Ptilinus pectinicornis (Linnaeus, 1758): (6569), 29.v.2008, 1 spec.

Ptinomorphus imperialis (Linnaeus, 1767): (6569), 9.v.2008, 4 spec.; (6569), 22.vi.2008, 1 spec.; (6669), 9.v.2008, 1 spec.

Ptinus pilosus P. W. J. Müller, 1821: (6569), 22.vi.2008, sifted from base of old tree, 1 spec.; (6569), 19.x.2008, 4 spec.

Ptinus rufipes Olivier, 1790: (6569), 29.v.2008, 7 spec.; (6569), 14.vi.2008, 1 spec.; (6569), 22.vi.2008, 1 spec.

Xyletinus ater (Creutzer, 1796): (6569), 22.vi.2008, 1 spec.

CLERIDAE

Thanasimus formicarius formicarius (Linnaeus, 1758): (6569), 9.v.2008, 1 spec.

MELYRIDAE

Axinotarsus marginalis (Laporte de Castelnau, 1840): (6569), 14.vi.2008, 1 spec.; (6669), 22.vi.2008, 1 spec.

Axinotarsus pulicarius (Fabricius, 1775): (6569), 11.vii.2008, 1 spec.

Axinotarsus ruficollis (Olivier, 1790): (6569), 11.vii.2008, 1 spec.

Charopus concolor (Fabricius, 1801): (6669), 22.vi.2008, 1 spec.

Charopus flavipes (Paykull, 1798): (6569), 22.vi.2008, 2 spec.; (6669), 22.vi.2008, 1 spec.

Cordylepherus viridis (Fabricius, 1787): (6669), 22.vi.2008, 2 spec.

Dasytes aeratus Stephens, 1829: (6569), 9.v.2008, 2 spec., O. Nakládal det.

Dasytes fusculus (Illiger, 1801): (6569), 9.v.2008, 1 spec., O. Nakládal det.

Dasytes plumbeus (O.F. Müller, 1776): (6569), 29.v.2008, 1 spec., O. Nakládal det.
Malachius bipustulatus (Linnaeus, 1758): (6569), 29.v.2008, 3 spec.; (6569), 14.vi.2008, 1 spec.
Trichoceble floralis (A. G. Olivier, 1790): (6569), 9.v.2008, 1 spec., O. Nakládal det.

SPHINDIDAE

Aspidiphorus orbiculatus (Gyllenhal, 1808): (6569), 14.vi.2008, 1 spec.

KATERETIDAE

Brachypterolus linariae (Stephens, 1830): (6569), 9.v.2008, 1 spec.
Brachypterus urticae (Fabricius, 1792): (6569), 14.vi.2008, 4 spec.; (6569), 22.vi.2008, 7 spec.
Kateretes pusillus (Thunberg, 1794): (6569), 9.v.2008, 1 spec.

NITIDULIDAE

Carpophilus hemipterus (Linnaeus, 1758): (6569), 17.viii.2008, 1 spec.
Carpophilus marginellus Motschulsky, 1858: (6569), 17.viii.2008, 1 spec.
Cychramus luteus (Fabricius, 1787): (6569), 14.vi.2008, 4 spec.
Epuraea aestiva (Linnaeus, 1758): (6569), 9.v.2008, 5 spec.; (6569), 29.v.2008, 4 spec.
Epuraea longula Erichson, 1845: (6569), 9.v.2008, 1 spec.
Epuraea melanocephala (Marsham, 1802): (6569), 9.v.2008, 5 spec.; (6569), 14.vi.2008, 3 spec.; (6569), 22.vi.2008, 1 spec.
Epuraea neglecta (Heer, 1841): (6569), 9.v.2008, 1 spec.
Epuraea pallescens (Stephens, 1835): (6569), 9.v.2008, 2 spec.; (6569), 29.v.2008, 1 spec.
Epuraea unicolor (Olivier, 1790): (6569), 9.v.2008, 2 spec.; (6569), 29.v.2008, 1 spec.; (6569), 14.vi.2008, 3 spec.; (6569), 19.x.2008, 1 spec.
Glischrochilus quadrisignatus (Say, 1835): (6569), 29.v.2008, 1 spec.; (6569), 14.vi.2008, 1 spec.; (6569), 17.viii.2008, 1 spec.; (6569), 19.x.2008, 17 spec.
Meligethes aeneus (Fabricius, 1775): (6569), 14.vi.2008, 6 spec.; (6569), 19.x.2008, 1 spec.; (6669), 22.vi.2008, 3 spec.
Meligethes bidens C. Brisout de Barneville, 1863: (6669), 22.vi.2008, 1 spec.
Meligethes difficilis (Heer, 1841): (6569), 29.v.2008, 3 spec.; (6569), 14.vi.2008, 3 spec.
Meligethes egenus Erichson, 1845: (6569), 29.v.2008, 1 spec.
Meligethes flavimanus Stephens, 1830: (6669), 9.v.2008, 1 spec.
Meligethes morosus Erichson, 1845: (6569), 9.v.2008, 3 spec.; (6569), 29.v.2008, 1 spec.; (6569), 14.vi.2008, 1 spec.
Meligethes ovatus Sturm, 1845: (6569), 14.vi.2008, 1 spec.
Meligethes planiusculus (Heer, 1841): (6569), 14.vi.2008, 1 spec.
Meligethes ruficornis (Marsham, 1802): (6569), 9.v.2008, 1 spec.; (6569), 29.v.2008, 2 spec.
Meligethes symphyti (Heer, 1841): (6569), 9.v.2008, 1 spec.; (6569), 14.vi.2008, 2 spec.; (6669), 9.v.2008, 1 spec.
Meligethes viridescens (Fabricius, 1787): (6569), 29.v.2008, 2 spec.; (6569), 22.vi.2008, 1 spec.
Nitidula carnaria (Schaller, 1783): (6569), 11.vii.2008, 4 spec.
Nitidula rufipes (Linnaeus, 1767): (6569), 11.vii.2008, 1 spec.
Omosita colon (Linnaeus, 1758): (6569), 11.vii.2008, 11 spec.
Omosita discoidea (Fabricius, 1775): (6569), 14.vi.2008, on carrion, 2 spec.
Pocadius adustus Reitter, 1888: (6569), 19.x.2008, 2 spec.
Pocadius ferrugineus (Fabricius, 1775): (6569), 11.vii.2008, 4 spec.

MONOTOMIDAE

Monotoma bicolor A. et G.B. Villa, 1835: (6569), 17.viii.2008, 9 spec.
Monotoma brevicollis brevicollis Aubé, 1837: (6569), 17.viii.2008, 3 spec.
Monotoma picipes Herbst, 1793: (6569), 22.vi.2008, 1 spec.; (6569), 17.viii.2008, 4 spec.
Monotoma spinicollis Aubé, 1837: (6569), 17.viii.2008, 3 spec.
Rhizophagus bipustulatus (Fabricius, 1792): (6569), 14.vi.2008, 1 spec.; (6569), 19.x.2008, 5 spec.
Rhizophagus picipes (Olivier, 1790): (6569), 14.vi.2008, 1 spec.

SILVANIDAE

Silvanus bidentatus (Fabricius, 1792): (6569), 14.vi.2008, 1 spec.
Uleiota planatus (Linnaeus, 1761): (6569), 17.viii.2008, 1 spec.

CUCUJIDAE

Cucujus cinnaberinus (Scopoli, 1763): (6569), 17.viii.2008, 6 spec.; (6569), 19.x.2008, 1 spec. of larva.

LAEMOPHLOEIDAE

Cryptolestes duplicatus (Waltl, 1839): (6569), 14.vi.2008, 1 spec.
Cryptolestes ferrugineus (Stephens, 1831): (6569), 11.vii.2008, 7 spec.; (6569), 17.viii.2008, 1 spec.
Lathropus sepicola (P.W. J. Müller, 1821): (6569), 22.vi.2008, 3 spec.; (6569), 19.x.2008, 1 spec.

PHALACRIDAE

Olibrus aeneus (Fabricius, 1792): (6569), 9.v.2008, 1 spec.
Phalacrus fimetarius (Fabricius, 1775): (6569), 22.vi.2008, 1 spec.
Stilbus testaceus (Panzer, 1797): (6569), 17.viii.2008, 1 spec.

CRYPTOPHAGIDAE

Atomaria analis Erichson, 1846: (6569), 19.x.2008, 1 spec.
Atomaria atricapilla Stephens, 1830: (6569), 11.vii.2008, 1 spec.; (6569), 19.x.2008, 4 spec.
Atomaria elongatula Erichson, 1846: (6569), 19.x.2008, 1 spec.
Atomaria fuscata (Schönherr, 1808): (6569), 14.vi.2008, 1 spec.; (6569), 22.vi.2008, 6 spec.; (6569), 19.x.2008, 22 spec.
Atomaria gravidula Erichson, 1846: (6569), 11.vii.2008, 1 spec.
Atomaria lewisi Reitter, 1877: (6569), 9.v.2008, 1 spec.
Atomaria nigrirostris Stephens, 1830: (6569), 29.v.2008, 3 spec.; (6569), 11.vii.2008, 1 spec.
Atomaria nigriventris Stephens, 1830: (6569), 14.vi.2008, in nest of *Lasius fuliginosus*, 3 spec.; (6569), 22.vi.2008, sifted from base of old tree, 2 spec.
Cryptophagus pallidus pallidus Sturm, 1845: (6569), 14.vi.2008, in nest of *Lasius fuliginosus*, 1 spec.; (6569), 22.vi.2008, 2 spec.; (6569), 19.x.2008, 7 spec.
Cryptophagus pubescens Sturm, 1845: (6569), 14.vi.2008, 1 spec.; (6569), 17.viii.2008, 1 spec.
Cryptophagus punctipennis C. N. F. Brisout de Barneville, 1863: (6569), 22.vi.2008, 2 spec.; (6569), 19.x.2008, 6 spec.
Cryptophagus reflexus Rey, 1889: (6569), 22.vi.2008, 2 spec.; (6569), 19.x.2008, 5 spec.
Cryptophagus saginatus Sturm, 1845: (6569), 19.x.2008, 3 spec.
Cryptophagus scutellatus Newman, 1834: (6569), 19.x.2008, 1 spec.
Cryptophagus schmidti Sturm, 1845: (6569), 29.v.-11.vii.2008, PFT – locality 1, 2 spec.; (6569), 14.vi.2008, 1 spec.
Ephistemus globulus (Paykull, 1798): (6569), 17.viii.2008, 2 spec.; (6569), 19.x.2008, 3 spec.
Ephistemus reitteri Casey, 1900: (6569), 9.v.2008, 1 spec.; (6569), 29.v.2008, 1 spec.; (6569), 22.vi.2008, 2 spec.; (6569), 11.vii.2008, 1 spec.; (6569), 19.x.2008, 3 spec.
Telmatophilus typhae (Fallen, 1802): (6569), 22.vi.2008, 1 spec.; (6569), 11.vii.2008, on light, 1 spec.

EROTYLIDAE

Dacne bipustulata (Thunberg, 1781): (6569), 11.vii.2008, 1 spec.; (6669), 9.v.2008, 1 spec.
Triplax aenea (Schaller, 1783): (6569), 19.x.2008, 1 spec.
Tritoma bipustulata Fabricius, 1775: (6569), 22.vi.2008, 1 spec., O. Nakládal det.

BYTURIDAE

Byturus ochraceus (Scriba, 1790): (6569), 14.vi.2008, 2 spec.; (6569), 22.vi.2008, 1 spec.

Byturus tomentosus (DeGeer, 1774): (6569), 9.v.2008, 2 spec.

BOTHRIDERIDAE

Oxylaemus cylindricus (Creutzer, 1796): (6569), 22.vi.2008, sifted from base of old tree, 1 spec.; (6569), 19.x.2008, 1 spec.

CERYLONIDAE

Cerylon deplanatum Gyllenhal, 1827: (6569), 17.viii.2008, 1 spec.

Cerylon fagi C. Brisout de Barnevile, 1867: (6569), 19.x.2008, 1 spec.

Cerylon ferrugineum Stephens, 1830: (6569), 19.x.2008, 1 spec.

Cerylon histeroides (Fabricius, 1792): (6569), 11.vii.2008, 1 spec.; (6569), 19.x.2008, 3 spec.

ENDOMYCHIDAE

Holoparamecus caularum Aubé, 1843: (6569), 17.viii.2008, 1 spec.

Mycetaea subterranea (Fabricius, 1801): (6569), 22.vi.2008, sifted from base of old tree, 1 spec., P. Průdek det.; (6569), 19.x.2008, 1 spec.

COCCINELLIDAE

Adalia bipunctata (Linnaeus, 1758): (6569), 9.v.2008, 3 spec.; (6569), 22.vi.2008, 2 spec.; (6569), 11.vii.2008, 2 spec.; (6669), 22.vi.2008, 2 spec.

Adalia decempunctata (Linnaeus, 1758): (6569), 9.v.2008, 3 spec.; (6569), 29.v.2008, 4 spec.; (6569), 14.vi.2008, 1 spec.; (6669), 9.v.2008, 5 spec.

Calvia decemguttata (Linnaeus, 1767): (6569), 14.vi.2008, 1 spec.; (6569), 11.vii.2008, 2 spec.

Calvia quatuordecimguttata (Linnaeus, 1758): (6569), 9.v.2008, 1 spec.; (6569), 29.v.2008, 1 spec.; (6569), 14.vi.2008, 1 spec.

Coccinella quinquepunctata Linnaeus, 1758: (6569), 17.viii.2008, 2 spec.

Coccinella septempunctata septempunctata Linnaeus, 1758: (6569), 9.v.2008, 1 spec.; (6569), 22.vi.2008, 1 spec.; (6569), 11.vii.2008, 1 spec.

Exochomus quadripustulatus (Linnaeus, 1758): (6569), 9.v.2008, 1 spec.; (6569), 29.v.2008, 1 spec.; (6569), 14.vi.2008, 2 spec.

Halyzia sedecimguttata (Linnaeus, 1758): (6569), 22.vi.2008, 1 spec.

Hippodamia variegata (Goeze, 1777): (6569), 11.vii.2008, 4 spec.

Oenopia conglobata conglobata (Linnaeus, 1758): (6569), 14.vi.2008, 1 spec.

Propylea quatuordecimpunctata (Linnaeus, 1758): (6569), 9.v.2008, 2 spec.; (6569), 29.v.2008, 1 spec.; (6569), 22.vi.2008, 3 spec.; (6669), 22.vi.2008, 2 spec.

Psylllobora vigintiduopunctata (Linnaeus, 1758): (6569), 9.v.2008, 1 spec.; (6569), 29.v.2008, 2 spec.; (6569), 17.viii.2008, 1 spec.

Typhthaspid sedecimpunctata (Linnaeus, 1761): (6569), 22.vi.2008, 1 spec.; (6669), 22.vi.2008, 2 spec.

CORYLOPHIDAE

Colydium elongatum (Fabricius, 1787): (6569), 22.vi.2008, 1 spec., P. Průdek det.

Corylophus cassidoides (Marsham, 1802): (6569), 14.vi.2008, 1 spec.; (6569), 11.vii.2008, 1 spec.

Orthoperus atomus (Gyllenhal, 1808): (6569), 19.x.2008, 1 spec.

Orthoperus brunnipes (Gyllenhal, 1808): (6569), 19.x.2008, 9 spec.

Orthoperus corticalis (L. Redtenbacher, 1845): (6569), 19.x.2008, 2 spec.

Orthoperus punctatus Wankowicz, 1865: (6569), 19.x.2008, 1 spec.

Sericoderus lateralis (Gyllenhal, 1827): (6569), 19.x.2008, 1 spec.

LATRIDIIDAE

Cartodere nodifer (Westwood, 1839): (6569), 9.v.2008, 1 spec.; (6569), 19.x.2008, 1 spec.

Corticaria serrata (Paykull, 1798): (6569), 11.vii.2008, 2 spec.

Corticarina minuta (Fabricius, 1792): (6569), 19.x.2008, 3 spec.

- Cortinicara gibbosa* (Herbst, 1793): (6569), 29.v.2008, 2 spec.; (6569), 14.vi.2008, 1 spec.; (6569), 19.x.2008, 1 spec.
- Enicmus histrionis* Joy et Tomlin, 1910: (6569), 19.x.2008, 2 spec.
- Enicmus transversus transversus* (Olivier, 1790): (6569), 19.x.2008, 2 spec.; (6669), 22.vi.2008, 1 spec.
- Latridius consimilis* (Mannerheim, 1844): (6569), 17.viii.2008, 1 spec.
- Melanophthalma distinguenda* (Comolli, 1837): (6569), 22.vi.2008, 1 spec.; (6569), 19.x.2008, 1 spec.
- Melanophthalma transversalis* (Gyllenhal, 1827): (6569), 29.v.2008, 1 spec.; (6569), 14.vi.2008, 1 spec.; (6569), 22.vi.2008, 1 spec.; (6569), 17.viii.2008, 2 spec.
- Stephostethus angusticollis* (Gyllenhal, 1827): (6569), 19.x.2008, 3 spec.
- Stephostethus lardarius* (DeGeer, 1775): (6569), 19.x.2008, 5 spec.

MYCETOPHAGIDAE

- Litargus balteatus* LeConte, 1857: (6569), 17.viii.2008, 1 spec.
- Litargus connexus* (Geoffroy, 1785): (6569), 14.vi.2008, 2 spec.; (6569), 11.vii.2008, 2 spec.
- Mycetophagus multipunctatus* Fabricius, 1792: (6569), 14.vi.2008, 3 spec., O. Nakládal det.
- Mycetophagus quadriguttatus* P.W. J. Müller, 1821: (6569), 19.x.2008, 1 spec.
- Triphyllus bicolor* (Fabricius, 1777): (6569), 22.vi.2008, 1 spec., O. Nakládal det.

CIIDAE

- Cis boleti* (Scopoli, 1763): (6569), 19.x.2008, 1 spec.
- Cis fagi* Waltl, 1839: (6569), 19.x.2008, 2 spec.
- Cis micans* (Fabricius, 1792): (6569), 19.x.2008, 1 spec.
- Cis rugulosus* Mellié, 1848: (6569), 19.x.2008, 1 spec.
- Octotemnus glabriculus* (Gyllenhal, 1827): (6569), 19.x.2008, 3 spec.
- Sulcatis fronticornis* (Panzer, 1805): (6569), 19.x.2008, 5 spec.
- Sulcatis nitidus* (Fabricius, 1792): (6569), 17.viii.2008, 5 spec.
- Sulcatis bidentulus* (Rosenhauer, 1847): (6569), 19.x.2008, 1 spec.

TETRATOMIDAE

- Tetratoma fungorum* Fabricius, 1790: (6569), 19.x.2008, 1 spec.

MELANDRYIDAE

- Anisoxya fuscula* (Illiger, 1798): (6569), 14.vi.2008, 6 spec.
- Hypulus bifasciatus* (Fabricius, 1792): (6569), 9.v.2008, 1 spec., J. Vávra det.
- Orchesia micans* (Panzer, 1793): (6569), 9.v.2008, 1 spec.

ZOPHERIDAE

- Aulonium trisulcum* (Geoffroy 1785): (6569), 11.vii.2008, on light, 1 spec.
- Bitoma crenata* (Fabricius, 1775): (6569), 9.v.2008, 1 spec., P. Průdek det.; (6569), 11.vii.2008, 4 spec.

MORDELLIDAE

- Mordella brachyura brachyura* Mulsant, 1857: (6569), 14.vi.2008, 3 spec.; (6569), 22.vi.2008, 1 spec.; (6569), 11.vii.2008, 1 spec.; (6569), 17.viii.2008, 1 spec.
- Mordellistena acuticollis* Schilsky, 1895: (6569), 11.vii.2008, 1 spec.; (6569), 17.viii.2008, 2 spec.
- Mordellistena humeralis* (Fabricius, 1758): (6569), 14.vi.2008, 3 spec.; (6569), 22.vi.2008, 1 spec.
- Mordellistena neuwaldeggiana* (Panzer, 1796): (6569), 22.vi.2008, 1 spec.
- Mordellistena parvula* (Gyllenhal, 1827): (6569), 14.vi.2008, 1 spec.
- Mordellistena pumila* (Gyllenhal, 1810): (6569), 14.vi.2008, 4 spec.; (6569), 17.viii.2008, 1 spec.
- Mordellistena secreta* Horák, 1983: (6569), 14.vi.2008, 3 spec.
- Mordellistena variegata* (Fabricius, 1798): (6569), 22.vi.2008, 2 spec.; (6569), 11.vii.2008, on light, 1 spec.
- Mordellistena weisei* Schilsky, 1895: (6569), 14.vi.2008, 2 spec.
- Mordellistena bicoloripilosa* Ermisch, 1967: (6569), 14.vi.2008, 4 spec.; (6569), 22.vi.2008, 1 spec.

- Mordellistena inexpectata* Ermisch, 1967: (6569), 14.vi.2008, 2 spec.
Mordellistena pseudoparvula Ermisch, 1956: (6669), 22.vi.2008, 1 spec.
Mordellochroa abdominalis (Fabricius, 1775): (6569), 29.v.2008, 6 spec.; (6669), 9.v.2008, 2 spec.
Variimorda villosa (Schrank, 1781): (6569), 11.vii.2008, 1 spec.

TENEBRIONIDAE

- Allecula morio* (Fabricius, 1787): (6569), 11.vii.2008, on light, 1 spec.
Alphitophagus bifasciatus (Say, 1824): (6569), 17.viii.2008, 1 spec.
Diadina fagi (Panzer, 1799): (6569), 17.viii.2008, 2 spec.
Diaperis boleti (Linnaeus, 1758): (6569), 22.vi.2008, 3 spec.
Eledona agricola (Herbst, 1783): (6569), 14.vi.2008, 1 spec.; (6569), 22.vi.2008, 21 spec.
Lagria atripes Mulsant & Guillebeau, 1855: (6569), 14.vi.2008, 1 spec., V. Švihla det.
Lagria hirta (Linnaeus, 1758): (6569), 11.vii.2008, 13 spec., V. Švihla det.
Pentaphyllus testaceus (Hellwig, 1792): (6569), 22.vi.2008, sifted from base of old tree, 2 spec.; (6569), 19.x.2008, 9 spec.
Stenomax aeneus Scopoli, 1763: (6569), 9.v.2008, 1 spec.; (6569), 29.v.2008, 1 spec.

OEDEMERIDAE

- Ischnomera caerulea* (Linnaeus, 1758): (6569), 29.v.2008, 1 spec.
Ischnomera cyanea (Fabricius, 1792): (6569), 9.v.2008, 2 spec.; (6569), 29.v.2008, 1 spec.
Oedemera femorata (Scopoli, 1763): (6569), 14.vi.2008, 2 spec.; (6569), 11.vii.2008, 2 spec.; (6569), 17.viii.2008, 1 spec.
Oedemera podagrariae podagrariae (Linnaeus, 1767): (6569), 17.viii.2008, 1 spec.
Oedemera virescens virescens (Linnaeus, 1767): (6569), 9.v.2008, 8 spec.; (6569), 29.v.2008, 2 spec.

PYROCHROIDAE

- Pyrochroa coccinea* (Linnaeus, 1761): (6569), 29.v.2008, 1 spec.
Pyrochroa serraticornis (Scopoli, 1763): (6569), 9.v.2008, 1 spec.; (6569), 29.v.2008, 1 spec.; (6669), 9.v.2008, 1 spec.
Schizotus pectinicornis (Linnaeus, 1758): (6569), 9.v.2008, 3 spec.

SALPINGIDAE

- Lissodema cursor* (Gyllenhal, 1813): (6569), 11.vii.2008, 1 spec.
Lissodema denticolle (Gyllenhal, 1813): (6569), 11.vii.2008, 2 spec.; (6569), 2008, under laboratory condition, 1 spec.
Salpingus planirostris (Fabricius, 1787): (6569), 9.v.2008, 2 spec.; (6569), 22.vi.2008, 1 spec.

ANTHICIDAE

- Anthicus flavipes flavipes* (Panzer, 1796): (6569), 17.viii.2008, 5 spec.
Anthicus sellatus (Panzer, 1796): (6569), 29.v.2008, 1 spec.; (6569), 14.vi.2008, 4 spec.; (6569), 17.viii.2008, 3 spec.; (6569), 19.x.2008, 1 spec.
Anthicus antherinus antherinus (Linnaeus, 1760): (6569), 9.v.2008, 2 spec.; (6569), 14.vi.2008, 1 spec.
Notoxus brachycerus (Faldermann, 1837): (6569), 14.vi.2008, 2 spec.; (6569), 22.vi.2008, 2 spec. (Kejval & Nakládal 2009).
Notoxus monoceros (Linnaeus, 1760): (6569), 9.v.2008, 2 spec.; (6569), 29.v.2008, 7 spec.; (6569), 14.vi.2008, 2 spec.; (6569), 22.vi.2008, 1 spec.
Omonadus formicarius formicarius (Goeze, 1777): (6569), 17.viii.2008, 2 spec.

SCRAPTIIDAE

- Anaspis flava* (Linnaeus, 1758): (6569), 29.v.2008, 1 spec.; (6569), 14.vi.2008, 1 spec.
Anaspis frontalis (Linnaeus, 1758): (6569), 29.v.2008, 9 spec.; (6569), 14.vi.2008, 1 spec.
Anaspis varians varians Mulsant, 1857: (6569), 14.vi.2008, 2 spec.

CERAMBYCIDAE

- Agapanthia villosoviridescens* (DeGeer, 1775): (6569), 14.vi.2008, 1 spec.
Alosterna tabacicolor tabacicolor (DeGeer, 1775): (6569), 29.v.2008, 3 spec.
Anaglyptus mysticus (Linnaeus, 1758): (6569), 9.v.2008, 1 spec.
Aromia moschata moschata (Linnaeus, 1758): (6569), 17.viii.2008, 1 spec.
Chlorophorus figuratus (Scopoli, 1763): (6569), 14.vi.2008, 2 spec.
Clytus arietis arietis (Linnaeus, 1758): (6569), 29.v.2008, 1 spec.; (6669), 9.v.2008, 1 spec.
Exocentrus adspersus Mulsant, 1846: (6569), 22.vi.2008, 1 spec.
Exocentrus punctipennis Mulsant et Guillebeau, 1857: (6569), 2008, under laboratory condition, 1 spec.
Gaurotes virginea virginea (Linnaeus, 1758): (6569), 29.v.2008, 4 spec.
Glaphyra umbellatarum (Schreber, 1759): (6569), 29.v.2008, 4 spec.; (6569), 22.vi.2008, 2 spec.
Grammoptera abdominalis (Stephens, 1831): (6669), 9.v.2008, 1 spec.
Grammoptera ruficornis ruficornis (Fabricius, 1781): (6569), 29.v.2008, 9 spec.
Grammoptera ustulata (Schaller, 1783): (6569), 9.v.2008, 2 spec.
Leiopus linnei Wallin, Nylander et Kvamme, 2009: (6569), 11.vii.2008, 1 spec.
Leptura annularis annularis Fabricius, 1801: (6569), 29.v.2008, 10 spec.
Leptura quadrifasciata quadrifasciata Linnaeus, 1758: (6569), 11.vii.2008, 2 spec.
Oberea linearis (Linnaeus, 1760): (6569), 29.v.2008, 1 spec.
Pachytodes cerambyciformis (Schrank, 1781): (6569), 14.vi.2008, 1 spec.
Phytoecia cylindrica (Linnaeus, 1758): (6569), 9.v.2008, 2 spec.; (6569), 29.v.2008, 3 spec.; (6569), 11.vii.2008, 1 spec.
Pidonia lurida (Fabricius, 1792): (6569), 29.v.2008, 3 spec.
Pogonocherus hispidus (Linnaeus, 1758): (6569), 9.v.2008, 1 spec.; (6569), 14.vi.2008, 1 spec.; (6569), 22.vi.2008, 1 spec.
Prionus coriarius (Linnaeus, 1758): (6569), 11.vii.2008, on light, 1 spec.
Pseudovadonia livida livida (Fabricius, 1777): (6569), 29.v.2008, 4 spec.; (6569), 14.vi.2008, 1 spec.
Rhagium mordax (DeGeer, 1775): (6569), 9.v.2008, 1 spec.; (6569), 14.vi.2008, 1 spec.
Rhagium sycophanta (Schrank, 1781): (6569), 9.v.2008, 2 spec.
Stenocorus meridianus (Linnaeus, 1758): (6569), 29.v.2008, 1 spec.
Stenostola dubia (Laicharting, 1784): (6569), 9.v.2008, 1 spec.; (6569), 29.v.2008, 1 spec.; (6569), 14.vi.2008, 1 spec.
Stenurella melanura (Linnaeus, 1758): (6569), 14.vi.2008, 3 spec.
Stictoleptura rubra rubra Linnaeus, 1758: (6569), 11.vii.2008, 1 spec.
Tetrops praeustus praeustus (Linnaeus, 1758): (6569), 29.v.2008, 1 spec.

ORSODACNIDAE

- Orsodacne cerasi* (Linnaeus, 1758): (6569), 29.v.2008, 1 spec.; (6569), 14.vi.2008, 1 spec.
Orsodacne humeralis humeralis Latreille, 1804: (6569), 9.v.2008, 2 spec.

CHRYSOMELIDAE

- Altica lythri* Aubé, 1843: (6569), 9.v.2008, 1 spec.
Aphthona euphorbiae (Schrank, 1781): (6569), 9.v.2008, 1 spec.; (6569), 29.v.2008, 1 spec.
Aphthona venustula (Kutschera, 1861): (6569), 9.v.2008, 1 spec.
Batophila rubi (Paykull, 1799): (6569), 14.vi.2008, 1 spec.
Bruchus atomarius (Linnaeus, 1760): (6569), 9.v.2008, 1 spec.
Cassida rubiginosa rubiginosa O. F. Müller, 1776: (6569), 9.v.2008, 1 spec.; (6569), 29.v.2008, 1 spec.; (6569), 14.vi.2008, 1 spec.; (6569), 22.vi.2008, 1 spec.
Cassida stigmatica Suffrian, 1844: (6569), 29.v.2008, 3 spec.
Cassida vibex Linnaeus, 1767: (6569), 9.v.2008, 1 spec.
Chaetocnema aridula (Gyllenhal, 1827): (6569), 9.v.2008, 5 spec.; (6569), 11.vii.2008, on light, 2 spec.; (6569), 17.viii.2008, 1 spec.; (6569), 19.x.2008, 1 spec.
Chaetocnema concinna (Marsham, 1802): (6569), 11.vii.2008, on light, 1 spec.
Chaetocnema hortensis (Geoffroy, 1785): (6569), 9.v.2008, 2 spec.; (6569), 11.vii.2008, 1 spec.; (6569), 17.viii.2008, 2 spec.

- Chaetocnema mannerheimii* (Gyllenhal, 1827): (6569), 29.v.2008, 1 spec.; (6569), 22.vi.2008, 2 spec.; (6569), 11.vii.2008, 1 spec.
- Chaetocnema picipes* Stephens, 1831: (6569), 9.v.2008, 1 spec.; (6569), 17.viii.2008, 1 spec.
- Chrysolina fastuosa fastuosa* (Scopoli, 1763): (6569), 29.v.2008, 1 spec.; (6569), 14.vi.2008, 2 spec.; (6569), 11.vii.2008, 1 spec.
- Chrysolina graminis graminis* (Linnaeus, 1758): (6569), 17.viii.2008, 1 spec.
- Chrysolina herbacea herbacea* (Duftschmid, 1825): (6569), 11.vii.2008, 1 spec.
- Chrysolina oricalcia* (O. F. Müller, 1776): (6569), 22.vi.2008, 1 spec.
- Chrysolina sturmii* (Westhoff, 1882): (6569), 14.vi.2008, 1 spec.
- Chrysolina varians* (Schaller, 1783): (6569), 14.vi.2008, 1 spec.
- Chrysomela populi* Linnaeus, 1758: (6569), 11.vii.2008, 5 spec.
- Clytra laeviuscula* Ratzeburg, 1837: (6569), 22.vi.2008, 3 spec.; (6569), 11.vii.2008, 3 spec.
- Crepidodera aurata* (Marsham, 1802): (6569), 9.v.2008, 1 spec.; (6569), 29.v.2008, 2 spec.; (6569), 14.vi.2008, 2 spec.
- Crepidodera aurea* (Geoffroy, 1785): (6569), 9.v.2008, 1 spec.; (6569), 29.v.2008, 9 spec.; (6569), 14.vi.2008, 1 spec.; (6669), 22.vi.2008, 1 spec.
- Crepidodera plutus* (Latreille, 1804): (6569), 14.vi.2008, 1 spec.
- Cryptocephalus bilineatus* (Linnaeus, 1767): (6569), 22.vi.2008, 1 spec.
- Cryptocephalus moraei* (Linnaeus, 1758): (6569), 14.vi.2008, 1 spec.; (6569), 22.vi.2008, 6 spec.; (6669), 22.vi.2008, 1 spec.
- Cryptocephalus ocellatus ocellatus* Drapiez, 1819: (6569), 29.v.2008, 5 spec.; (6569), 22.vi.2008, 2 spec.
- Cryptocephalus populi* Suffrian, 1848: (6569), 17.viii.2008, 1 spec.
- Epitrix pubescens* (Koch, 1803): (6569), 29.v.2008, 1 spec.
- Galerucella lineola lineola* (Fabricius, 1781): (6569), 9.v.2008, 1 spec.; (6569), 29.v.2008, 2 spec.
- Gastrophysa viridula viridula* (DeGeer, 1775): (6569), 14.vi.2008, 2 spec.
- Gonioctena quinquepunctata quinquepunctata* (Fabricius, 1787): (6569), 9.v.2008, 1 spec.
- Hispa atra* Linnaeus, 1767: (6569), 22.vi.2008, 1 spec.
- Labidostomis longimana* (Linnaeus, 1760): (6569), 11.vii.2008, 4 spec.; (6669), 22.vi.2008, 1 spec.
- Lema cyanella* (Linnaeus, 1758): (6669), 22.vi.2008, 1 spec.
- Lilioceris merdigera* (Linnaeus, 1758): (6569), 9.v.2008, 1 spec.; (6569), 29.v.2008, 3 spec.; (6569), 11.vii.2008, 1 spec.
- Longitarsus anchusae* (Paykull, 1799): (6569), 9.v.2008, 2 spec.; (6569), 14.vi.2008, 5 spec.; (6569), 22.vi.2008, 2 spec.; (6669), 22.vi.2008, 3 spec.
- Longitarsus linnaei* (Duftschmid, 1825): (6569), 29.v.2008, 2 spec.; (6569), 14.vi.2008, 6 spec.
- Longitarsus luridus luridus* (Scopoli, 1763): (6569), 9.v.2008, 1 spec.
- Longitarsus lycopi* (Foudras, 1860): (6569), 9.v.2008, 1 spec.
- Longitarsus melanocephalus* (DeGeer, 1775): (6569), 9.v.2008, 1 spec.; (6569), 14.vi.2008, 1 spec.; (6569), 22.vi.2008, 1 spec.
- Longitarsus monticola* Kutschera, 1864: (6569), 9.v.2008, 1 spec.
- Longitarsus nigrofasciatus nigrofasciatus* (Goeze, 1777): (6569), 14.vi.2008, 1 spec.
- Longitarsus rubiginosus* (Foudras, 1860): (6569), 17.viii.2008, 1 spec.
- Longitarsus suturellus* (Duftschmid, 1825): (6569), 14.vi.2008, 2 spec.
- Neocrepidodera ferruginea* (Scopoli, 1763): (6569), 22.vi.2008, 1 spec.; (6569), 11.vii.2008, 1 spec.; (6569), 17.viii.2008, 3 spec.
- Oomorphus concolor* (Sturm, 1807): (6569), 14.vi.2008, 5 spec.
- Oulema gallaeciana* Heyden, 1870: (6569), 9.v.2008, 2 spec.; (6569), 9.v.2008, 1 spec.; (6569), 29.v.2008, 2 spec.; (6569), 14.vi.2008, 1 spec.; (6569), 22.vi.2008, 2 spec.; (6569), 11.vii.2008, 2 spec.; (6569), 17.viii.2008, 5 spec.; (6569), 19.x.2008, 1 spec.
- Oulema melanopus* (Linnaeus, 1758): (6569), 22.vi.2008, 1 spec.; (6569), 11.vii.2008, 1 spec.
- Pachybrachis hippophaes* Suffrian, 1848: (6569), 14.vi.2008, 1 spec.
- Phaedon cochleariae cochleariae* (Fabricius, 1792): (6569), 14.vi.2008, 1 spec.; (6569), 22.vi.2008, 1 spec.
- Phyllotreta atra* (Fabricius, 1775): (6569), 29.v.2008, 1 spec.; (6569), 22.vi.2008, 1 spec.; (6569), 11.vii.2008, 1 spec.; (6569), 19.x.2008, 1 spec.; (6669), 22.vi.2008, 1 spec.
- Phyllotreta cruciferae* (Goeze, 1777): (6569), 9.v.2008, 1 spec.
- Phyllotreta nemorum* (Linnaeus, 1758): (6569), 29.v.2008, 3 spec.; (6569), 14.vi.2008, 3 spec.; (6569), 22.vi.2008, 2 spec.
- Phyllotreta nigripes nigripes* (Fabricius, 1775): (6569), 11.vii.2008, 1 spec.
- Phyllotreta ochripes* (Curtis, 1837): (6569), 9.v.2008, 1 spec.; (6569), 29.v.2008, 1 spec.; (6569), 14.vi.2008, 2 spec.; (6569), 22.vi.2008, 1 spec.; (6569), 11.vii.2008, 1 spec.

Phyllotreta striolata (Illiger, 1803): (6569), 9.v.2008, 1 spec.; (6569), 22.vi.2008, 2 spec.; (6569), 11.vii.2008, 1 spec.

Phyllotreta undulata (Kutschera, 1860): (6569), 14.vi.2008, 1 spec.; (6569), 22.vi.2008, 3 spec.; (6669), 22.vi.2008, 1 spec.

Phyllotreta vittula (L. Redtenbacher, 1849): (6569), 9.v.2008, 2 spec.; (6569), 29.v.2008, 1 spec.

Psylliodes dulcamarae (Koch, 1803): (6569), 17.viii.2008, 1 spec.

Psylliodes napi (Fabricius, 1792): (6569), 14.vi.2008, 1 spec.

Smaragdina affinis affinis (Illiger, 1794): (6569), 9.v.2008, 4 spec.; (6569), 29.v.2008, 6 spec.

Sphaeroderma testaceum (Fabricius, 1775): (6669), 22.vi.2008, 2 spec.

ANTHRIBIDAE

Anthribus nebulosus Forster, 1771: (6569), 9.v.2008, 2 spec.; (6669), 9.v.2008, 1 spec.

Platystomos albinus (Linnaeus, 1758): (6569), 9.v.2008, 1 spec., O. Nakládal det.; (6569), 14.vi.2008, 1 spec., O. Nakládal det.

Rhaphitropis marchicus (Herbst, 1797): (6569), 29.v.2008, 1 spec.

ATTELABIDAE

Caenorhinus aequatus (Linnaeus, 1767): (6569), 9.v.2008, 1 spec.; (6669), 9.v.2008, 1 spec.

Caenorhinus germanicus (Herbst, 1797): (6569), 9.v.2008, 1 spec.

APIONIDAE

Apion cruentatum Walton, 1844: (6569), 9.v.2008, 2 spec.

Apion frumentarium (Linnaeus, 1758): (6569), 9.v.2008, 1 spec.; (6569), 14.vi.2008, 2 spec.; (6669), 22.vi.2008, 1 spec.

Betulapion simile (W. Kirby, 1811): (6569), 9.v.2008, 1 spec.; (6569), 19.x.2008, 1 spec.

Catapion pubescens (W. Kirby, 1811): (6569), 22.vi.2008, 1 spec.

Ceratapion onopordi (W. Kirby, 1808): (6569), 9.v.2008, 1 spec.; (6569), 29.v.2008, 1 spec.; (6569), 14.vi.2008, 5 spec.; (6569), 22.vi.2008, 3 spec.; (6569), 17.viii.2008, 2 spec.; (6669), 22.vi.2008, 3 spec.

Diplapion confluens (W. Kirby, 1808): (6569), 17.viii.2008, 1 spec.

Eutrichapion viciae (Paykull, 1800): (6569), 9.v.2008, 1 spec.; (6569), 29.v.2008, 1 spec.; (6569), 17.viii.2008, 5 spec.

Ischnopterapion virens (Herbst, 1797): (6569), 14.vi.2008, 1 spec.; (6569), 22.vi.2008, 1 spec.

Protaepion nigritarse (W. Kirby, 1808): (6569), 9.v.2008, 1 spec.; (6569), 29.v.2008, 3 spec.; (6569), 22.vi.2008, 1 spec.; (6569), 19.x.2008, 1 spec.

Protaepion trifolii (Linnaeus, 1768): (6569), 29.v.2008, 2 spec.

Rhopalapion longirostre (Olivier, 1807): (6569), 9.v.2008, 1 spec.

Squamapion cineraceum (Wencker, 1864): (6569), 9.v.2008, 1 spec.; (6569), 17.viii.2008, 2 spec.

Taeniapion urticarium (Herbst, 1784): (6569), 11.vii.2008, 1 spec.; (6669), 22.vi.2008, 1 spec.

CURCULIONIDAE

Acalles echinatus (Germar, 1824): (6569), 14.vi.2008, 1 spec.; (6569), 19.x.2008, 10 spec.

Acalyptus carpini (Fabricius, 1792): (6569), 9.v.2008, 5 spec.

Alophus triguttatus triguttatus (Fabricius, 1775): (6569), 9.v.2008, 1 spec.; (6569), 9.v.2008, 2 spec.; (6569), 14.vi.2008, 1 spec.; (6569), 29.v.-11.vii.2008, PFT – locality 3, 1 spec.

Anthonomus humeralis (Panzer, 1795): (6569), 29.v.2008, 22 spec.; (6569), 14.vi.2008, 1 spec.

Anthonomus pomorum (Linnaeus, 1758): (6569), 29.v.2008, 5 spec.; (6569), 14.vi.2008, 1 spec.; (6569), 22.vi.2008, 1 spec.

Anthonomus rectirostris (Linnaeus, 1758): (6569), 9.v.2008, 1 spec.; (6569), 11.vii.2008, 1 spec.

Anthonomus rubi (Herbst, 1795): (6569), 29.v.2008, 1 spec.; (6569), 14.vi.2008, 1 spec.

Archarius crux (Fabricius, 1776): (6569), 9.v.2008, 1 spec.

Baris artemisiae (Herbst, 1795): (6569), 29.v.2008, 1 spec.

Barypeithes chevrolati (Bohemian, 1843): (6569), 22.vi.2008, 5 spec.

Bradybatus kellneri Bach, 1854: (6569), 22.vi.2008, 1 spec.; (6569), 19.x.2008, 1 spec.

- Ceutorhynchus erysimi* (Fabricius, 1787): (6569), 9.v.2008, 1 spec.; (6569), 14.vi.2008, 4 spec.; (6569), 22.vi.2008, 1 spec.; (6669), 22.vi.2008, 1 spec.
- Ceutorhynchus floralis* (Herbst, 1795): (6569), 9.v.2008, 1 spec.; (6569), 29.v.2008, 1 spec.; (6569), 14.vi.2008, 1 spec.; (6569), 22.vi.2008, 1 spec.; (6669), 22.vi.2008, 1 spec.
- Ceutorhynchus interjectus* Schultze, 1903: (6569), 14.vi.2008, 5 spec.
- Ceutorhynchus obstrictus* (Marsham, 1802): (6569), 9.v.2008, 1 spec.
- Ceutorhynchus pallidactylus* (Marsham, 1802): (6569), 22.vi.2008, 1 spec.; (6569), 19.x.2008, 3 spec.
- Ceutorhynchus pectoralis* Weise, 1895: (6569), 14.vi.2008, 1 spec.
- Ceutorhynchus scrobicollis* Neresheimer et Wagner, 1924: (6569), 14.vi.2008, 1 spec.
- Chlorophanus viridis* (Linnaeus, 1758): (6569), 22.vi.2008, 5 spec.
- Cionus tuberculosus* (Scopoli, 1763): (6569), 9.v.2008, 2 spec.; (6569), 22.vi.2008, 1 spec.
- Coeliastes lamii* (Fabricius, 1792): (6569), 9.v.2008, 1 spec.; (6569), 29.v.2008, 5 spec.
- Coeliodes erythroleucus* (Gmelin, 1790): (6569), 29.v.2008, 1 spec.
- Coryssomerus capucinus* (Beck, 1817): (6569), 9.v.2008, 1 spec.; (6569), 9.v.2008, 1 spec.
- Curculio glandium* Marsham, 1802: (6569), 9.v.2008, 1 spec.
- Curculio pellitus* (Boheman, 1843): (6569), 9.v.2008, 1 spec.
- Curculio venosus* (Gravenhorst, 1807): (6569), 9.v.2008, 2 spec.; (6569), 29.v.2008, 1 spec.
- Datonychus arquatus* (Herbst, 1795): (6569), 14.vi.2008, 3 spec.
- Dorytomus filirostris* (Gyllenhal, 1836): (6569), 29.v.2008, 1 spec.
- Dorytomus longimanus* (Forster, 1771): (6569), 29.v.2008, 22 spec.; (6569), 19.x.2008, 1 spec.
- Dorytomus nebulosus* (Gyllenhal, 1836): (6569), 9.v.2008, 2 spec.; (6569), 29.v.2008, 1 spec.; (6569), 22.vi.2008, 1 spec.; (6669), 9.v.2008, 2 spec.
- Dorytomus puberulus* (Boheman, 1843): (6569), 14.vi.2008, 2 spec.; (6669), 9.v.2008, 1 spec.
- Dorytomus suratus* (Gyllenhal, 1836): (6569), 22.vi.2008, 1 spec.
- Dorytomus tremulae* (Fabricius, 1787): (6569), 9.v.2008, 1 spec.; (6569), 29.v.2008, 2 spec.
- Ellescus infirmus* (Herbst, 1795): (6569), 29.v.2008, 1 spec.
- Ellescus scanicus* (Paykull, 1792): (6569), 14.vi.2008, 1 spec.
- Eusomus ovulum* Germar, 1824: (6569), 9.v.2008, 2 spec.; (6569), 29.v.2008, 1 spec.; (6569), 22.vi.2008, 1 spec.; (6669), 22.vi.2008, 2 spec.
- Hadropontus trimaculatus* (Fabricius, 1775): (6669), 22.vi.2008, 2 spec.
- Hylesinus crenatus* (Fabricius, 1787): (6569), 2008, under laboratory condition, 3 spec.
- Hylobius abietis* (Linnaeus, 1758): (6569), 9.v.2008, 1 spec.
- Hypera meles* (Fabricius, 1792): (6569), 9.v.2008, 1 spec.; (6569), 22.vi.2008, 1 spec.; (6569), 11.vii.2008, on light, 1 spec.
- Hypera rumicis* (Linnaeus, 1758): (6569), 29.v.2008, 1 spec.
- Larinus jaceae* (Fabricius, 1775): (6569), 22.vi.2008, 1 spec.; (6669), 22.vi.2008, 1 spec.
- Larinus planus* (Fabricius, 1792): (6569), 9.v.2008, 1 spec.
- Lepyrus palustris* (Scopoli, 1763): (6569), 11.vii.2008, 1 spec.
- Lignyodes muerlei* Ferrari, 1886: (6569), 29.v.2008, 1 spec.
- Lignyodes uniformis* Desbrochers, 1894: (6569), 9.v.2008, 2 spec.; (6569), 29.v.2008, 4 spec.; (6569), 14.vi.2008, 1 spec.
- Liophloeus latus* Germar, 1824: (6569), 9.v.2008, 2 spec.; (6569), 29.v.2008, 1 spec.; (6569), 14.vi.2008, 2 spec.
- Liparus glabrirostris* Küster, 1849: (6569), 9.v.2008, 5 spec.; (6569), 14.vi.2008, 12 spec.
- Magdalisia armigera* (Geoffroy, 1785): (6569), 29.v.2008, 1 spec.
- Mecinus lobilis* (Herbst, 1795): (6569), 9.v.2008, 1 spec.
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- Mogulones larvatus* (Schultze, 1896): (6569), 9.v.2008, 1 spec.
- Nedyus quadrimaculatus* (Linnaeus, 1758): (6569), 9.v.2008, 2 spec.; (6569), 29.v.2008, 3 spec.; (6569), 14.vi.2008, 6 spec.; (6669), 22.vi.2008, 1 spec.
- Otiorrhynchus ovatus* (Linnaeus, 1758): (6569), 17.viii.2008, 1 spec.
- Otiorrhynchus raucus* (Fabricius, 1777): (6569), 14.vi.2008, 1 spec.; (6569), 11.vii.-17.viii.2008, PFT – locality 1, 2 spec.; (6569), 29.v.-11.vii.2008, PFT – locality 2, 2 spec.; (6569), 29.v.-11.vii.2008, PFT – locality 4, 1 spec.; (6569), 29.v.-11.vii.2008, PFT – locality 1, 1 spec.
- Parethelcus pollinarius* (Forster, 1771): (6569), 9.v.2008, 1 spec.; (6569), 29.v.2008, 1 spec.; (6569), 22.vi.2008, 1 spec.
- Phyllobius glaucus* (Scopoli, 1763): (6569), 29.v.2008, 2 spec.; (6569), 14.vi.2008, 1 spec.
- Phyllobius oblongus* (Linnaeus, 1758): (6569), 9.v.2008, 1 spec.; (6569), 29.v.2008, 3 spec.; (6569), 14.vi.2008, 1 spec.

- Phyllobius pomaceus* Gyllenhal, 1834: (6569), 9.v.2008, 5 spec.; (6569), 29.v.2008, 2 spec.; (6569), 14.vi.2008, 1 spec.
- Phyllobius pyri* (Linnaeus, 1758): (6569), 9.v.2008, 2 spec.; (6569), 29.v.2008, 3 spec.; (6669), 9.v.2008, 1 spec.
- Phyllobius vespertinus* (Fabricius, 1792): (6569), 9.v.2008, 2 spec.
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- Rhinusa bipustulata* (Rossi, 1792): (6569), 14.vi.2008, 1 spec.
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- Rhynchaenus salicis* (Linnaeus, 1758): (6669), 9.v.2008, 1 spec.
- Rhyncolus punctatulus* (Boheman, 1838): (6569), 2008, under laboratory condition, 6 spec.
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- Scolytus intricatus* (Ratzeburg, 1837): (6569), 11.vii.2008, 1 spec.; (6569), 11.vii.2008, on light, 1 spec.
- Scolytus malii* (Bechstein, 1805): (6569), 17.viii.2008, only galleries
- Scolytus multistriatus* (Marsham, 1802): (6569), 11.vii.2008, 1 spec.
- Scolytus ratzeburgii* Janson, 1857: (6569), 17.viii.2008, only galleries
- Sitona hispidulus* (Fabricius, 1776): (6569), 9.v.2008, 2 spec.
- Sitona humeralis* Stephens, 1831: (6569), 19.x.2008, 1 spec.
- Sitona languidus* Gyllenhal, 1834: (6569), 14.vi.2008, 2 spec.
- Sitona lepidus* Gyllenhal, 1834: (6569), 17.viii.2008, 1 spec.
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- Trichosirocalus troglodytes* (Fabricius, 1787): (6569), 9.v.2008, 2 spec.; (6569), 22.vi.2008, 4 spec.; (6569), 17.viii.2008, 2 spec.
- Tropiphorus elevatus* (Herbst, 1795): (6569), 9.v.2008, 1 spec.
- Tychius picirostris* (Fabricius, 1787): (6569), 29.v.2008, 1 spec.; (6569), 22.vi.2008, 1 spec.; (6669), 9.v.2008, 1 spec.

Dicussion

During the all survey 1 species belonging to the NATURA 2000 was recorded, next 5 species are protected by law in the Czech Republic, 4 species are critically endangered according to Red list of threatened species in the Czech Republic (abbreviated as RL) (Farkač et al. 2005), 15 endangered (RL), 15 near threatened (RL), 32 vulnerable (RL). In following text, only species with faunistic data presenting in this paper are listed.

Vulnerable (according RL): *Anisoxya fuscula* (Melandryidae), *Aulonium trisulcum* (Zopheridae), *Lathropus sepicola* (Laemophloeidae), *Mycetophagus multipunctatus* (Mycetophagidae), *Pentaphyllus testaceus* (Tenebrionidae), *Scolytus multistriatus* (Curculionidae), *Sulcacis bidentulus* (Ciidae) and *Triphyllus bicolor* (Mycetophagidae).

Near threatened (according RL): *Acalles echinatus*, *Ceutorhynchus pectoralis*, *Trachodes hispidus* (Curculionidae), *Aromia moschata* and *Rhagium sycophanta* (Cerambycidae).

Endangered (according RL): *Anthicus sellatus* (Anthicidae), *Cerylon deplanatum* (Cerylonidae), *Cucujus cinnaberinus* (Cucujidae), *Diaclina fagi* (Tenebrionidae), *Oomorphus concolor* (Chrysomelidae) and *Oxylaemus cylindricus* (Bothrideridae).

Critically endangered (according RL): *Longitarsus linnaei* (Chrysomelidae) is stenotopic monophagous species with *Sympyrum tuberosum* as host plant. It occurred from lowlands to uplands with activity from April end till July beginning (maximum in May). The species was

known in the Czech Republic only from southern Moravia (local and rare there) (Čížek & Douget 2008).

NATURA 2000: *Cucujus cinnaberinus* (Cucujidae).

Conclusions

Inventory survey of beetles (Coleoptera) was performed in Zástudánčí NNR. NNR is sited in Central Moravia by the southeastern from Tovačov town. 3585 specimens belonging to 857 species from 64 families were recorded during all survey (Nakládal 2011 and this paper). Faunistic data of 41 of them (Nosodendridae, Dermestidae, Anobidae, Cleridae, Melyridae, Sphindidae, Kateretidae, Nitidulidae, Monotomidae, Silvanidae, Cucujidae, Laemophloeidae, Phalacridae, Cryptophagidae, Erotylidae, Byturidae, Bothrideridae, Cerylonidae, Endomychidae, Coccinellidae, Colydiidae, Corylophidae, Latridiidae, Mycetophagidae, Ciidae, Tetratomidae, Melandryidae, Mordellidae, Tenebrionidae, Oedemeridae, Pyrochroidae, Salpingidae, Anthicidae, Scraptiidae, Cerambycidae, Orsodacnidae, Chrysomelidae, Anthribidae, Attelabidae, Apionidae, and Curculionidae) are presented here. Presenting part of data represents 1394 specimens belonging to 401 species.

During the all survey (Nakládal 2011 and this paper) one recorded species belong to the NATURA 2000, another 4 species are endangered according to notice of Ministry of the Environment of the Czech Republic no. 395/1992 code of law. Four critically endangered, 15 endangered, 15 near threatened and 32 vulnerable species according Red list of threatened species in the Czech Republic (Farkač et al. 2005) were also recorded.

Majority of these interesting species are associate to old tree stands or only to single old trees (very old succession stage) or conversely on very early succession stages like sandy and gravelly riparian zone along the Morava river are. Management of nature preservation should be evolved from these findings. Riparian zone is not endangered (in case conserving natural river dynamics), old trees particularly on dam (beyond the northwestern boundary of Zástudánčí National Nature Reserve) can be endangered by direct liquidation in the future. Just this part is very valuable in nature preservation point of view (Nakládal 2011).

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Výsledky průzkumu brouků (Coleoptera) NPR Zástudánčí (střední Morava) provedeného v roce 2008 – 2. část

V NPR Zástudánčí, která se nachází na střední Moravě jihovýchodně od města Tovačov byl v roce 2008 proveden inventarizační průzkum brouků (Coleoptera). S cílem získat maximální druhovou diverzitu zkoumaného území bylo různými metodami odchyceno celkem 3585 exemplářů. Odchycené exempláře představují 857 druhů ze 64 čeledí. Tento příspěvek prezentuje faunistická data k 1394 exemplářům, které představují 401 druhů ze 41 čeledí.

Z celkového počtu zaznamenaných druhů je 1 druh zařazen do soustavy NATURA 2000, dle př. č.III. vyhl. MŽP ČR č. 395/1992 Sb. bylo nalezeno 5 ohrožených druhů, dle Červeného seznamu (Farkač et al. 2005) (dále jen ČS) 4 druhy kriticky ohrožené, 15 druhů ohrožených, 15 téměř ohrožených a 32 zranitelných.

Většina zajímavých druhů (řazených do systému NATURA 2000, do př. č.III. vyhl. MŽP ČR č. 395/1992 Sb. a do ČS) je vázána na staré porosty či jednotlivé staré stromy, čili velmi stará sukcesní stádia lesa, nebo naopak na velmi mladá sukcesní stádia typu příbřežních štěrkopískových lavic při březích řeky Moravy. Od tohoto by se měl odvijet i management ochrany přírody. Zatímco příbřežní porosty nejsou při zachování přirozené dynamiky řeky ohroženy, staré stromy při severozápadní hranici NPR (mapka viz Nakládal (2011), rostoucí na hrázi (mimo NPR) mohou být v budoucnu ohroženy přímou likvidací. Přitom právě tato hráz je z hlediska chrany přírody velmi cenná a zasluzuje zvláštní pozornost (Nakládal 2011).

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