



The primeval forest of Kanaküla (Estonia) is rich in rare beetles (Coleoptera)

Uno Roosileht

Roosileht, Uno 1994: The primeval forest of Kanaküla (Estonia) is rich in rare beetles (Coleoptera). — Sahlbergia 1:15-20.

The Coleoptera fauna of the primeval forest of Kanaküla was studied. *Eudectus giraudi* (Redt.), *Olisthaerus megacephalus* (Zett.), *Trichophya pilicornis* (Gyll.) and *Isorhipis marmottani* Bonv. are reported from Estonia. for the first time.

Uno Roosileht, Estonian Museum of Natural History, Tallinn, Lai 29, EE-0001 Estonia.

The problem of primeval spots, their defence and preservation are rather popular topics in the Scandinavian countries. Strips of forest land are defended when some very rare or original species are known to be found there. The defence is particularly important when insects' cycle of evolution is partly bound to old or decayed timber and the primeval spot is not under much influence from human activities. In the compilation of plans for scenic preservation in Estonia, special attention is being given to the spots of primeval forests - a so-called "Programme of old forests" is being drawn up.

In 1988 I found one such primeval spot in Estonia. I thoroughly studied the insect fauna of this forest in 1988-93. For the first time in Estonia, beetles were used to assess the primevalism and originality of a forest. On the strength of the facts that the insect fauna here consist of interesting species, including beetles that are common in the examined area but very rare in other parts of Estonia, the primeval spot of Kanaküla Riimaru, Southwest Estonia (Grid 27° E square 645:38), can be said to be unique.

Geobotanically it is a wood sorrel and bilberry habitat, approximately 120 years in age.

The last winters have been unsuitable for working in the woods, thereby sparing this primeval forest from clear cutting. Thanks to the foresters' understanding attitude towards the problem, the primeval spot has now been preserved as a reservation area within which all forest utilization has been halted. This unique forest in Estonia, and its very rare and decorative insects, are being defended. Here, very many beetles live on the fringe of their area of distribution, and they are therefore very sensitive to changes in their living conditions, and conse-

quently also to the results of human activities. The beetles interrelated with timber do not spread rapidly, and this is another reason why they are rare.

The existent primeval spot is situated on two forest compartments and it can be characterized as a strip of forest land. These forest compartments, in turn, are surrounded by large expanses of marshes and forests, which has helped to preserve habitations for very rare beetles. The forest on two strips has been partly destroyed through clear cutting.

Much dead (decayed) and half-dead (half-decayed) timber, in the form of windfall as well as standing stubs, is found in this primeval spot. The beetles were determined in the course of many excursions to the spot. The stems and windfall were constantly inspected, at the same time taking care not to damage the habitations of beetles (for example, one must not tear off the bark from the stems, etc.). Some of the beetles were caught from the grass and bushes with a net, others from the mould with a sieve.

Results

The main results of the study are as follows:

- 1) Four species that are new to the Estonian fauna were found here.
- 2) Ten species that are generally very rare in Estonia, are common at Kanaküla.
- 3) The occurrence of two species (*Leptura thoracica* and *Cucujus cinnaberinus*) to date had been known only from the literature.
- 4) Five species of beetles live here on the southern, seven species on the northern and one species on the western fringe of their area of distribution.

5) The species of northern habitat are inter-related with coniferous forests (mainly with fir groves).

6) The species of southern habitat are bound to deciduous trees, mainly aspen and birch.

A list of more interesting beetles

1. *Trachypachus zetterstedti* (Gyll.) - Very rare in Estonia. Found on an old fir stub.
2. *Eudectus giraudi* (Redt.) - The first find in the Baltic countries. Found on a mouldy fir stem.
3. *Olisthaerus megacephalus* (Zett.) - The first find in Estonia. Found on a mouldy fir stub.
4. *Trichophya pilicornis* (Gyll.) - The first find in Estonia. Caught during its evening flight with a net.
5. *Hololepta plana* Sulz. - Very rare in Estonia. Not rare at Kanaküla. Originally found by V. Soo also from Kanaküla.
6. *Rhagonycha lutea* (Müll.) - Single finds in Estonia, common at Kanaküla. Caught from the grass with a net.
7. *Denticollis rubens* Pill. & Mitt. - In Estonia some finds from Järvselia. Caught twice at Kanaküla, both times from the grass with a net.
8. *Hypocaelus foveicollis* (Thoms.) - Very rare in Estonia, at Kanaküla found on a mouldy aspen.
9. *Isorhipis marmottani* Bonv. - The first find in the Baltic countries. At Kanaküla one specimen was found on an old aspen stub.
10. *Cucujus cinnaberinus* Scop. - Not represented in collections until now; included in the Estonian fauna on the basis of data in the literature. At Kanaküla, found on old aspen stubs.
11. *Orchesia undulata* Kr. - Very rare in Estonia. At Kanaküla, caught from the grass with a net.
12. *Evodinus borealis* Gyll. - Very rare in Estonia. Found twice at Kanaküla.
13. *Acmaeops septentrionis* (Thoms.) - Very rare in Estonia. At Kanaküla, originally found by V. Soo in 1964, on a stack of wood.
14. *Leptura thoracica* Creutzer - Not represented in collections until now; included in the Estonian fauna on the basis of data in the literature.

A list of other species from original spot of Kanaküla

CARABIDAE

- Leistus terminatus* (Hellwig, 1793)
L. piceus Frölich, 1799
Carabus cancellatus Illiger, 1798

- C. hortensis* Linnaeus, 1758
C. glabratus Paykull, 1790
C. nitens Linnaeus, 1758
C. violaceus Linnaeus, 1758
Cychrus caraboides Linnaeus, 1758
Cicindela hybrida Linnaeus, 1758
Clivina fossor (Linnaeus, 1758)
Dyschirius globosus (Herbst, 1784)
Brosicus cephalotes (Linnaeus, 1758)
Tachyta nana (Gyllenhal, 1810)
Pterostichus aethiops (Panzer, 1797)
P. oblongopunctatus (Fabricius, 1787)
P. niger (Schaller, 1783)
Badister bullatus (Schrank, 1798)

LEIODIDAE

- Anisotoma humeralis* (Fabricius, 1792)
A. castanea (Herbst, 1792)
A. glabra (Kugelann, 1794)
A. orbicularis (Herbst, 1792)
Liodopria serricornis (Gyllenhal, 1813)
Amphicyllis globus (Fabricius, 1792)
Agathidium nigripenne (Fabricius, 1792)
A. atrum (Paykull, 1798)
A. badium Erichson, 1845

SILPHIDAE

- Nicrophorus investigator* Zetterstedt, 1824
N. vespilloides Herbst, 1784
N. vespillo (Linnaeus, 1758)
Thanatophilus rugosus (Linnaeus, 1758)
T. sinuatus (Fabricius, 1775)
T. dispar (Herbst, 1793)
Oiceoptoma thoracica (Linnaeus, 1758)
Phosphuga atrata (Linnaeus, 1758)

CHOLEVIDAE

- Choleva angustata* (Fabricius, 1781)
Catops fuscus (Panzer, 1794)

SCYDMAENIDAE

- Nevraphes angulatus* (Müller & Kunze, 1822)

STAPHYLINIDAE

- Gabrius expectatus* Smetana, 1952
Philonthus nitidus (Fabricius, 1787)
P. varians (Paykull, 1789)
P. atratus (Gravenhorst, 1802)
P. carbonarius (Gravenhorst, 1802)
P. splendens (Fabricius, 1792)
Staphylinus erythropterus Linnaeus, 1758
S. dimidiaticornis Gemminger, 1851
Ocyopus nero (Faldermann, 1835)
O. fuscatus (Gravenhorst, 1802)
O. ater (Gravenhorst, 1802)
Quedius plagiatius (Mannerheim, 1843)
Q. fuliginosus (Gravenhorst, 1802)

Q. fumatus (Stephens, 1833)
Gyrophypus fracticornis (Müller, 1776)
Othius punctulatus (Goeze, 1777)
Atreucus pilicornis (Paykull, 1790)
A. affinis (Paykull, 1789)
Astenus gracilis (Paykull, 1789)
Rugilus rufipes Germar, 1836
Lathrobium fulvipenne Gravenhorst, 1806
L. patris Benick, 1950
Stenus sylvester Erichson, 1839
S. incanus Erichson, 1839
S. brunripes Stephens, 1833
S. kolbei Gerhardt, 1893
S. pallipes Gravenhorst, 1802
Megarthus sinuato-collis (Lacordaire, 1835)
M. denticollis (Beck, 1817)
Eusphalerum luteum (Marsham, 1802)
E. limbatum (Erichson, 1840)
Acrulia inflata (Gyllenhal, 1813)
Scaphidium quadrimaculatum Olivier, 1790
Scaphisoma assimile Erichson, 1845
Elonium striatulum (Fabricius, 1792)
Carpelimus lindrothi (Palm, 1942)
C. impressus (Lacordaire, 1835)
C. pusillus (Gravenhorst, 1802)
Oxytelus laqueatus (Marsham, 1802)
Anotylus nitidulus (Gravenhorst, 1802)
A. tetracarinatus (Block, 1799)
Bledius gallicus (Gravenhorst, 1806)
Lordithon thoracicus (Fabricius, 1777)
L. exoletus (Erichson, 1839)
Sepedophilus marshami (Stephens, 1832)
Tachinus laticollis Gravenhorst, 1802
Aleochara lanuginosa Gravenhorst, 1802
Oxypoda alternans (Gravenhorst, 1802)
Hydrosmelecta longula (Heer, 1839)
Aloconota insecta (Thomson, 1856)
A. gregaria (Erichson, 1839)
Liogluta microptera Thomson, 1867
Geostiba circellaris (Gravenhorst, 1802)
Mocyta fungi (Gravenhorst, 1806)
Chaetida longicornis (Gravenhorst, 1802)
Dimetrota cinnamoptera (Thomson, 1856)
Atheta cauta (Erichson, 1837)
A. fungicola (Thomson, 1852)
A. nigricornis (Thomson, 1852)
A. harwoodi Williams, 1930
Dinaraea aequata (Erichson, 1837)
Acrotona muscorum (Brisout de Barneville, 1860)
A. parvula (Mannerheim, 1830)
Zyras lugens (Gravenhorst, 1802)
Lomechusa emarginata (Paykull, 1789)
Gyrophanaena poweri Crotch, 1866
G. fasciata (Marsham, 1802)
G. joyi Wendeler, 1924
G. boleti (Linnaeus, 1758)

Bolitochara pulchra (Gravenhorst, 1806)
Phymatura brevicollis (Kraatz, 1856)
Leptusa pulchella (Mannerheim, 1830)
L. fumida (Erichson, 1839)
Autalia impressa (Olivier, 1795)

PSELAPHIDAE

Euplectes nanus (Reichenbach, 1816)
E. signatus (Reichenbach, 1816)
Tyrus mucronatus (Panzer, 1803)

SPHAERITIDAE

Sphaerites glabratus (Fabricius, 1792)

HISTERIDAE

Plegaderus saucius Erichson, 1834
P. vulneratus (Panzer, 1797)
Acritus minutus (Herbst, 1792)
Saprinus semistriatus (Scriba, 1790)
Chalcionellus decemstriatus (Rossi, 1792)
Paromalus flavicornis (Herbst, 1792)
Paralister purpurascens (Herbst, 1792)
P. carbonarius (Hoffmann, 1803)
Hister unicolor Linnaeus, 1758
Platysoma deplanatum (Gyllenhal, 1808)
P. angustatum (Hoffmann, 1803)
P. lineare Erichson, 1834

DASCILLIDAE

Dascillus cervinus (Linnaeus, 1758)

SCARABAEIDAE

Geotrupes stercorosus (Scriba, 1791)
Melolontha hippocastani Fabricius, 1801
M. melolontha (Linnaeus, 1758)
Anomala dubia (Scopoli, 1763)
Phyllopertha horticola (Linnaeus, 1758)
Cetonia aurata (Linnaeus, 1758)
Liocola marmorata (Fabricius, 1792)
Potosia cuprea (Fabricius, 1775)
Trichius fasciatus (Linnaeus, 1758)

LYCANIDAE

Platycerus caprea (Degeer, 1774)
Ceruchus chrysomelinus (Hochenwarth, 1785)
Sinodendron cylindricum (Linnaeus, 1758)

LUCIDAE

Dictyoptera aurora (Herbst, 1784)
Pyropterus nigroruber (Degeer, 1774)
Lygistoropterus sanguineus (Linnaeus, 1758)

LAMPYRIDAE

Lampyrus noctiluca (Linnaeus, 1758)
Phosphaenus hemipterus (Goeze, 1777)

CANTHARIDAE

Podabrus alpinus (Paykull, 1798)

Rhagonycha testacea (Linnaeus, 1758)
R. lignosa (Müller, 1764)
R. atra (Linnaeus, 1767)
Absidia schoenherri (Dejean, 1837)

ELATERIDAE

Agrypnus murinus (Linnaeus, 1758)
Oedostethus quadripustulatus (Fabricius, 1792)
Athous niger (Linnaeus, 1758)
A. subfuscus (Müller, 1764)
Denticollis linearis (Linnaeus, 1758)
Cidnopus aeruginosus (Olivier, 1790)
Ctenicera pectinicornis (Linnaeus, 1758)
Liotrichus affinis (Paykull, 1800)
Actenicerus sjaelandicus (Müller, 1764)
Anostirus castaneus (Linnaeus, 1758)
Aplotarsus incanus (Gyllenhal, 1827)
Selatosome impressus (Fabricius, 1792)
S. cruciatus (Linnaeus, 1758)
S. aeneus (Linnaeus, 1758)
Ampedus pomonae (Stephens, 1830)
A. pomorum (Herbst, 1784)
A. balteatus (Linnaeus, 1758)
A. tristis (Linnaeus, 1758)
A. erythrogonus (Müller, 1821)
A. nigrinus (Herbst, 1784)
Sericus brunneus (Linnaeus, 1758)
Melanotus castanipes (Paykull, 1800)
Agriotes obscurus (Linnaeus, 1758)
Dalopius marginatus (Linnaeus, 1758)

EUCNEMIDAE

Microrhagus pygmaeus (Fabricius, 1792)
Xylophilus corticalis (Paykull, 1800)
Hylis procerulus (Mannerheim, 1823)

BUPRESTIDAE

Buprestis rustica (Linnaeus, 1758)
B. haemorrhoidalis Herbst, 1780
Descarpentriesina variolosa (Paykull, 1799)
Melanophila cyanea (Fabricius, 1775)
Anthaxia quadripunctata (Linnaeus, 1758)
Chrysobothris affinis (Fabricius, 1794)
Agrilus ater (Linnaeus, 1767)
A. cyanescens Ratzeburg, 1837
A. roberti Chevrolat, 1837
A. viridis (Linnaeus, 1758)
Trachys minutus (Linnaeus, 1758)

ANOBIIDAE

Anobium rufipes (Fabricius, 1792)
Hadrobregmus pertinax (Linnaeus, 1758)
Ptilinus fuscus Geoffroy, 1785
Xyletinus laticollis (Duftschmid, 1825)
X. pectinatus (Fabricius, 1792)
Dorcatoma dresdensis Herbst, 1792

LYMEXYLIDAE

Hylecoetus dermestoides (Linnaeus, 1761)
H. flabellicornis (Schneider, 1791)

TROGOSSITIDAE

Peltis grossa (Linnaeus, 1758)
Ostoma ferruginea (Linnaeus, 1758)
Thymalus limbatus (Fabricius, 1787)
Grynocharis oblonga (Linnaeus, 1758)
Nemozoma elongatum (Linnaeus, 1761)

CLERIDAE

Tillus elongatus (Linnaeus, 1758)
Thanasimus formicarius (Linnaeus, 1758)

MELYRIDAE

Dasytes plumbeus (Müller, 1776)
Dolichosoma lineare (Rossi, 1792)

MALACHIIDAE

Charopus graminicola (Dejean, 1833)
Paratinus femoralis (Erichson, 1840)

NITIDULIDAE

Soronia grisea (Linnaeus, 1758)
Ipidia binotata Reitter, 1875
Pocadius ferrugineus (Fabricius, 1775)
Thalycra fervida (Olivier, 1790)
Cyllodes ater (Herbst, 1792)
Glischrochilus hortensis (Geoffroy, 1785)
G. quadripunctatus (Linnaeus, 1758)
Pityophagus ferrugineus (Linnaeus, 1761)

SPHINDIDAE

Arpidiphorus orbiculatus (Gyllenhal, 1808)

RHIZOPHAGIDAE

Rhizophagus parallelocollis Gyllenhal, 1827
R. nitidulus (Fabricius, 1798)

CUCUJIDAE

Dendrophagus crenatus (Paykull, 1799)

CRYPTOPHAGIDAE

Telmatophilus caricis (Olivier, 1790)
Pteryngium crenatum (Fabricius, 1798)
Cryptophagus abietis (Paykull, 1798)
Antherophagus pallens (Linnaeus, 1758)

EROTYLIDAE

Tritoma bipustulata Fabricius, 1775
T. subbasalis (Reitter, 1896)
Triplax aenea (Schaller, 1783)
T. russica (Linnaeus, 1758)
T. scutellaris Charpentier, 1825

T. rufipes (Fabricius, 1781)

SPHAEROSOMATIDAE

Sphaerosoma pilosum (Panzer, 1793)
Leiestes seminigra (Gyllenhal, 1808)
Mycetina cruciata (Schaller, 1783)
Endomychus coccineus (Linnaeus, 1758)

COCCINELLIDAE

Scymnus abietis (Paykull, 1798)
Hippodamia tredecimpunctata (Linnaeus, 1758)
H. septemmaculata (Degeer, 1775)
H. notata (Laicharting, 1781)
Coccinella septempunctata Linnaeus, 1758
C. quinquepunctata Linnaeus, 1758

MYCETOPHAGIDAE

Litargus connexus (Geoffroy, 1785)
Mycetophagus quadripustulatus (Linnaeus, 1761)
M. atomarius (Fabricius, 1787)

OEDEMERIDAE

Ditylus laevis (Fabricius, 1787)
Chrysanthia viridissima (Linnaeus, 1758)
C. nigricornis (Westhoff, 1881)
Anogcodes ustulata (Fabricius, 1787)
Oedemera virescens (Linnaeus, 1767)

PYTHIDAE

Pytho depressus (Linnaeus, 1767)

PYROCHROIDAE

Pyrochroa coccinea (Linnaeus, 1761)
Schizotus pectinicornis (Linnaeus, 1758)

ADERIDAE

Phytobaenus amabilis F.Sahlberg, 1834

MELOIDAE

Meloe violaceus Marsham, 1802

TENEBRIONIDAE

Bolitophagus reticulatus (Linnaeus, 1767)
Diaperis boleti (Linnaeus, 1758)
Oplocephala haemorrhoidalis (Fabricius, 1787)
Pseudocistela ceramboides (Linnaeus, 1758)
Isomira murina (Linnaeus, 1758)
Mycetochara flavipes (Fabricius, 1792)
Lagria hirta (Linnaeus, 1758)

ANASPIDAE

Anaspis frontalis (Linnaeus, 1758)
A. thoracica (Linnaeus, 1758)
A. arctica Zetterstedt, 1828
A. rufilabris (Gyllenhal, 1827)

MORDELLIDAE

Tomoxia bucephala Costa, 1854
Variimorda villosa (Schrank, 1781)
Mordella aculeata (Linnaeus, 1758)
M. holomelaena Apfelbeck, 1914
Hoshihananomia perlata (Sulzer, 1776)
Mordellistena variegata (Fabricius, 1798)

RHIPIPHORIDAE

Pelecotoma fennica (Paykull, 1799)

MELANDRYIDAE

Hallomenus binotatus (Quensel, 1790)
H. axillaris (Illiger, 1807)
Orchesia micans (Panzer, 1794)
Abdera affinis (Paykull, 1799)
A. triguttata (Gyllenhal, 1810)
Dircaea quadriguttata (Paykull, 1798)
Xylita laevigata (Hellenius, 1786)
Serropalpus barbatus (Schaller, 1783)

CERAMBYCIDAE

Spondylis buprestoides (Linnaeus, 1758)
Arhopalus rustices (Linnaeus, 1758)
Asemum striatum (Linnaeus, 1758)
Tetropium castaneum (Linnaeus, 1758)
T. fuscum (Fabricius, 1787)
Rhagium mordax (Degeer, 1775)
R. inquisitor (Linnaeus, 1758)
Oxymirus cursor (Linnaeus, 1758)
Pachyta quadrimaculata (Linnaeus, 1758)
Gaurotes virginea (Linnaeus, 1758)
Acmaeops pratensis (Laicharting, 1784)
A. collaris (Linnaeus, 1758)
Grammoptera ruficornis (Fabricius, 1781)
Alosterna tabacicolor (Degeer, 1775)
Anoplodera livida (Fabricius, 1777)
A. maculicornis (Degeer, 1775)
A. rubra (Linnaeus, 1758)
A. variicornis (Dalman, 1817)
A. sanguinolenta (Linnaeus, 1761)
A. reyi (Heyden, 1889)
A. virens (Linnaeus, 1758)
Judolia sexmaculata (Linnaeus, 1758)
Leptura pubescens Fabricius, 1787
L. quadrifasciata Linnaeus, 1758
L. melanura Linnaeus, 1758
Necydalis maior Linnaeus, 1758
Molorchus minor (Linnaeus, 1758)
Callidum violaceum (Linnaeus, 1758)
Xylotrechus rusticus (Linnaeus, 1758)
Lamia textor (Linnaeus, 1758)
Monochamus urussovii (Fischer v. Waldheim, 1806)
M. sutor (Linnaeus, 1758)
M. galloprovincialis (Olivier, 1795)

Acanthoderes clavipes (Schrank, 1781)
Leiopus nebulosus (Linnaeus, 1758)
Acanthocinus aedilis (Linnaeus, 1758)
Agapanthia villosoviridescens (Degeer, 1775)
Saperda scalaris (Linnaeus, 1758)
S. perforata (Pallas, 1773)

CHRYSOMELIDAE

Zeugophora subspinosa (Fabricius, 1781)
Clytra quadripunctata (Linnaeus, 1758)
Cryptocephalus sericeus (Linnaeus, 1758)
C. parvulus Müller, 1776
C. ocellatus Drapiez, 1819
C. labiatus (Linnaeus, 1761)
C. exiguus Schneider, 1792
Bromius obscurus (Linnaeus, 1758)
Chrysolina polita (Linnaeus, 1758)
C. staphylea (Linnaeus, 1758)
Chrysomela populi Linnaeus, 1758
C. tremula Fabricius, 1787
Galeruca tanacetii (Linnaeus, 1758)
G. pomonae (Scopoli, 1763)
Longitarsus jacobaeae (Waterhouse, 1858)
Crepidodera fulvicornis (Fabricius, 1792)
Psylliodes luteola (Müller, 1776)
P. cucullata (Illiger, 1807)
Cassida viridis Linnaeus, 1758
C. sanguinosa Suffrian, 1844
C. vittata Villers, 1789

ATTELABIDAE

Pselaphorhynchites nanus (Paykull, 1792)
P. tomentosus (Gyllenhal, 1839)
Byctiscus populi (Linnaeus, 1758)
Deporaus betulae (Linnaeus, 1758)
Apoderus coryli (Linnaeus, 1758)

APIONIDAE

Apion trifolii (Linnaeus, 1768)
A. apricans Herbst, 1797
A. opeticum Bach, 1854
A. viciae (Paykull, 1800)

CURCULIONIDAE

Otiorhynchus scaber (Linnaeus, 1758)

O. ligustici (Linnaeus, 1758)
Phyllobius calcaratus (Fabricius, 1792)
P. pomaceus Gyllenhal, 1834
Chlorophanus viridis (Linnaeus, 1758)
Larinus sturnus (Schaller, 1783)
L. jaceae (Fabricius, 1775)
Rhinocyllus conicus (Frölich, 1792)
Cleonis pigra (Scopoli, 1763)
Notaris aethiops (Fabricius, 1792)
Dorytomus taeniatus (Fabricius, 1781)
D. melanophthalmus (Paykull, 1792)
D. dorsalis (Linnaeus, 1758)
Anthonomus phyllocola (Herbst, 1795)
Rhynchaenus alni (Linnaeus, 1758)
R. stigma (Germar, 1821)
Cossonus parallelepipedus (Herbst, 1795)
Rhyncolus elongatus (Gyllenhal, 1827)
R. ater (Linnaeus, 1758)
Phloeophagus lignarius (Marsham, 1802)
P. turbatus Schönherr, 1845
Magdalis carbonaria (Linnaeus, 1758)
M. ruficornis (Linnaeus, 1758)
Hylobius piceus (Degeer, 1775)
H. abietis (Linnaeus, 1758)
H. pinastri (Gyllenhal, 1813)
Pissodes pini (Linnaeus, 1758)
P. piniphilus (Herbst, 1797)
Poophagus sisymbrii (Fabricius, 1777)
Auleutes epilobii (Paykull, 1800)
Coeliodes nigratarsis Hartmann, 1895
Ceutorhynchus querceti (Gyllenhal, 1813)
C. triangulum Boheman, 1897
Cidnorhinus quadrimaculatus (Linnaeus, 1758)

SCOLYTIDAE

Hylurgops palliatus (Gyllenhal, 1813)
Hylesinus fraxini (Panzer, 1799)
Tomicus piniperda (Linnaeus, 1758)
Scolytus ratzeburgi Janson, 1856
Trypodendron domesticum (Linnaeus, 1758)
Ips typographus (Linnaeus, 1758)
I. amitinus (Eichhoff, 1872)
Xyleborus dispar (Fabricius, 1792)
X. cryptographus (Ratzeburg, 1837)