

ENTOMOLOGICAL EXCURSION TO THE CURONIAN SPIT IN AUGUST 2016

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Introduction

The entomological association of Helsinki (Societas Entomologica Helsingforsiensis) has a tradition of organizing excursions abroad every few years. Usually these trips have been made to other North-European countries, but also more southern regions have been explored. In 2016, the Lithuanian part of the Curonian Spit was selected as the trip destination. The Curonian Spit (*Kuršių nerija*) is an approximately 100 km long and up to 3.8 km wide sand-dune spit that separates the Curonian Lagoon from the Baltic Sea. Its southern portion is a part of Kaliningrad Oblast, Russia, while its northern part belongs to Lithuania, Neringa municipality and Klaipėda city (Smiltynė). It is a UNESCO World Heritage Site, which harbors a unique landscape with a rich flora and fauna (Ivinskis & Rimšaitė, 2005). In spite of being a popular site for tourism and bird watching, the insect fauna of the Curonian Spit has remained relatively poorly studied.

The aim of this article is to present an overview of the insects that were observed during the entomological excursion in August 2016.

Material and Methods

Altogether eight persons from Finland took part in the excursion in 01–05 08 2016: Gun Biström, Olof Biström (O.B.), Eero Helve (E.H.), Carl-Gustaf Lagercrantz (C.L.), Susanne Lagercrantz, Ilpo Mannerkoski (I.M.), Juho Paukkunen (J.P.) and Marko Tähtinen (M.T.) (Fig. 1). Additionally, Eduardas Budrys (E.B.) and Svetlana Orlovskytė (S.O.) from Vilnius, Lithuania, joined the trip and served as our guides (Fig. 1). The entomological expertise of our group included Coleoptera (collected by O.B., E.H., I.M.), Hemiptera (Heteroptera) (collected by I.M.), Hymenoptera (mainly Aculeata) (collected by E.B., S.O., J.P.), Lepidoptera (Macrolepidoptera) (collected by C.L., M.T.) and Orthoptera (collected by E.B., I.M.). Other groups of insects were caught and observed only sporadically.

Insects were collected mainly by aerial and sweep nets, but also pit fall traps, yellow pan traps, sugar bait traps, light traps and a malaise trap were used. Some species were

observed only visually, without collecting samples. Collected specimens are deposited in the private collections of E.H., C.L., I.M. and M.T., the Finnish Museum of Natural History (MZH, Helsinki) and the Nature Research Centre (Vilnius). All specimens, except those of Tenthredinidae, were determined by the collectors themselves. Tenthredinids were identified by Dr. Mikk Heidema. Detailed information is presented for species new to Lithuania in the species list below. Classification and nomenclature follow Rassi et al. (2015) for Coleoptera and Fauna Europaea database (<http://www.fauna-eu.org/>) for other groups. All taxa are listed in alphabetic order. Species recorded in Lithuania for the first time are marked with an asterisk (*).

List of localities

Alksnynė	burned forest, ca. 1 km NW of Alksnynė	55.642500, 21.123333
Juodkrantė (N)	ruderal area and pond, Juodkrantė	55.556111, 21.125277
Juodkrantė (S)	dunes, forest and beach, ca. 2 km S of Juodkrantė	55.514722, 21.108055
Juodkrantė (V)	meadow, garden, road verge, Juodkrantė	55.530000, 21.116944
Nida (N)	air field and its surroundings, ca. 3.5 km NE of Nida	55.326944, 21.042222
Nida (S)	dune area, ca. 1 km SW of Nida	55.294722, 20.989444
Preila	sandy beach, ca. 2 km W of Preila	55.378055, 21.032222
Smiltynė	dry meadow and its surroundings, Smiltynė	55.707222, 21.107777

List of species

HEMIPTERA: HETEROPTERA

ANTHOCORIDAE

Orius niger (Wolff, 1811)

Smiltynė, 04 08 2016, 1 spec.

BLISSIDAE

Ischnodemus sabuleti (Fallén, 1826)

Juodkrantė (S), 01–04 08 2016, 1 spec.

COREIDAE

Syromastus rhombeus (Linnaeus, 1767)

Smiltynė, 04 08 2016, 3 spec.

CYDNIDAE

Sehirus luctuosus Mulsant & Rey, 1866

Smiltynė, 04 08 2016, 1 spec.

CYMIDAE

Cymus glandicolor Hahn, 1832

Preila, 02 08 2016, 1 spec.

GEOCORIDAE

Geocoris grylloides (Linnaeus, 1761)

Juodkrantė (S), 01–04 08 2016, 1 spec.

LYGAEIDAE

Nysius helveticus (Herrich-Schäffer, 1850)

Preila, 02 08 2016, 1 spec.



Figure 1. Participants of the excursion (left to right): Gun Biström, Eduardas Budrys, Marko Tähtinen, Olof Biström, Svetlana Orlovskyte, Ilpo Mannerkoski, Juho Paukkunen, Eero Helve, Susanne Lagercrantz and Carl-Gustaf Lagercrantz

***Ortholomus punctipennis* (Herrich-Schäffer, 1838)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

MIRIDAE

***Adelphocoris lineolatus* (Goeze, 1778)**

Smiltynė, 04 08 2016, 1 spec.

***Deraeocoris lutescens* (Schilling, 1837)**

Juodkrantė (V), 02–03 08 2016, 1 spec.

***Dicyphus globulifer* (Fallén, 1829)**

Juodkrantė (N), 03 08 2016; Juodkrantė (V), 02–03 08 2016; 2 spec.

***Europiella artemisiae* (Becker, 1864)**

Juodkrantė (V), 02–03 08 2016, 1 spec.

***Liocoris tripustulatus* (Fabricius, 1781)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Lygus gemellatus* (Herrich-Schäffer, 1835)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Lygus pratensis* (Linnaeus, 1758)**

Nida (N), 02 08 2016, 1 spec.

***Lygus rugulipennis* Poppius, 1911**

Nida (N), 02 08 2016, 1 spec.

***Lygus wagneri* Remane, 1955**

Nida (N), 02 08 2016, 1 spec.

***Notostira elongata* (Geoffroy, 1785)**

Nida (N), 02 08 2016, 1 spec.

***Pilophorus clavatus* (Linnaeus, 1767)**

Preila, 02 08 2016, 3 spec.

***Plagiognathus chrysanthemii* (Wolff, 1804)**

Juodkrantė (V), 02–03 08 2016, 1 spec.

***Polymerus unifasciatus* (Fabricius, 1794)**

Nida (N), 02 08 2016, 4 spec.

***Polymerus vulneratus* (Panzer, 1806)**

Smiltynė, 04 08 2016, 1 spec.

***Stenodema laevigata* (Linnaeus, 1758)**

Smiltynė, 04 08 2016, 1 spec.

***Trigonotylus caelestialium* (Kirkaldy, 1902)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

NABIDAE

***Himacerus apterus* (Fabricius, 1798)**

Juodkrantė (N), 03 08 2016, 2 spec.

***Nabis ferus* (Linnaeus, 1758)**

Juodkrantė (N), 03 08 2016, 1 spec.

PENTATOMIDAE

***Aelia acuminata* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Carpocoris fuscispinus* (Boheman, 1850)**

Nida (N), 02 08 2016, 2 spec.

***Eurydema oleracea* (Linnaeus, 1758)**

Juodkrantė (V), 02–03 08 2016, 1 spec.

***Neottiglossa pusilla* (Gmelin, 1790)**

Preila, 02 08 2016, 1 spec.

***Sciocoris cursitans* (Fabricius, 1794)**

Juodkrantė (S), 01–04 08 2016; Preila, 02 08 2016; 2 spec.

***Sciocoris umbrinus* (Wolff, 1804)**

Nida (N), 02 08 2016, 1 spec.

RHOPALIDAE

***Chorosoma schillingii* (Schilling, 1829)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

***Rhopalus parumpunctatus* Schilling, 1829**

Smiltynė, 04 08 2016, 2 spec.

***Stictopleurus abutilon* (Rossi, 1790)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

RHYPAROCHROMIDAE

***Eremocoris plebejus* (Fallén, 1807)**

Juodkrantė (V), 02–03 08 2016, 1 spec.

***Stygnocoris rusticus* (Fallén, 1807)**

Juodkrantė (V), 02–03 08 2016, 1 spec.

***Trapezonotus arenarius* (Linnaeus, 1758)**

Smiltynė, 04 08 2016, 2 spec.

SCUTELLARIDAE

***Eurygaster testudinaria* (Geoffroy, 1785)**

Smiltynė, 04 08 2016, 1 spec.

***Phimodera humeralis* (Dalman, 1823)**

Juodkrantė (S), 01–04 08 2016, 8 spec.

TINGIDAE

***Acalypta parvula* (Fallén, 1807)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Dictyla echii* (Schrank, 1782)**

Smiltynė, 04 08 2016, 12 spec.

COLEOPTERA

ADERIDAE

***Anidorus nigrinus* (Germar, 1842)**

Smiltynė, 04 08 2016, 1 spec.

ANTHICIDAE

***Anthicus flavipes* (Panzer, 1796)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Notoxus monoceros* (Linnaeus, 1761)**

Juodkrantė (V), 02–03 08 2016, 2 spec.

APHODIIDAE

***Aphodius borealis* Gyllenhal, 1827**

Smiltynė, 04 08 2016, 1 spec.

***Aphodius foetens* (Fabricius, 1787)**

Smiltynė, 04 08 2016, 3 spec.

***Aphodius rufipes* (Linnaeus, 1758)**

Smiltynė, 04 08 2016, 1 spec.

BRENTIDAE

***Apion haematodes* Kirby, 1808**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Apion rubens* Stephens, 1839**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Ceratapion onopordi* (Kirby, 1808)**

Juodkrantė (V), 02–03 08 2016, 1 spec.

***Cyanapion spencii* (Kirby, 1808)**

Juodkrantė (V), 02–03 08 2016, 1 spec.

***Melanapion minimum* (Herbst, 1797)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Oxystoma cracca* (Linnaeus, 1767)**

Preila, 02 08 2016, 1 spec.

***Perapion curtirostre* (Germar, 1817)**

Juodkrantė (S), 01–04 08 2016, 3 spec.

***Perapion violaceum* (Kirby, 1808)**

Juodkrantė (V), 02–03 08 2016, 1 spec.

***Protapion filirostre* (Kirby, 1808)**

Smiltynė, 04 08 2016, 1 spec.

***Protapion fulvipes* (Geoffroy, 1785)**

Smiltynė, 04 08 2016, 1 spec.

***Pseudoperapion brevirostre* (Herbst, 1797)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

***Pseudostenapion simum* (Germar, 1817)**

Juodkrantė (S), 01–04 08 2016; Preila, 02 08 2016; 16 spec.

***Stenopterapion meliloti* (Kirby, 1808)**

Juodkrantė (V), 02–03 08 2016, 1 spec.

***Stenopterapion tenue* (Kirby, 1808)**

Smiltynė, 04 08 2016, 2 spec.

BUPRESTIDAE

***Buprestis octoguttata* Linnaeus, 1758**

Juodkrantė (S), 01–04 08 2016; Nida (N), 02 08 2016; Smiltynė, 04 08 2016; 1 spec.

BYRRHIDAE

***Byrrhus pilula* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

CANTHARIDAE

***Rhagonycha fulva* (Scopoli, 1763)**

Juodkrantė (N), 03 08 2016, 2 spec.

CARABIDAE

***Agonum fuliginosum* (Panzer, 1809)**

Juodkrantė (N), 03 08 2016, 1 spec.

***Agonum thoreyi* Dejean, 1828**

Juodkrantė (N), 03 08 2016, 1 spec.

***Amara bifrons* (Gyllenhal, 1810)**

Juodkrantė (V), 02–03 08 2016, 1 spec.

***Amara fulva* (Müller, 1776)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

***Bembidion doris* (Panzer, 1796)**

Juodkrantė (N), 03 08 2016, 2 spec.

***Bembidion guttula* (Fabricius, 1792)**

Juodkrantė (N), 03 08 2016, 1 spec.

***Calathus erratus* (Sahlberg, 1827)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

***Calathus fuscipes* (Goeze, 1777)**

Juodkrantė (S), 01–04 08 2016, 3 spec.

***Calathus melanocephalus* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Cicindela hybrida* Linnaeus, 1758**

Smiltynė, 04 08 2016, 2 spec.

***Cicindela sylvatica* Linnaeus, 1758**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Harpalus rubripes* (Duftschmid, 1812)**

Juodkrantė (S), 01–04 08 2016; Smiltynė, 04 08 2016; 2 spec.

***Harpalus rufipes* (DeGeer, 1774)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Harpalus smaragdinus* (Duftschmid, 1812)**

Smiltynė, 04 08 2016, 1 spec.

***Masoreus wetterhallii* (Gyllenhal, 1813)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

***Oodes helopioides* (Fabricius, 1792)**

Juodkrantė (N), 03 08 2016, 1 spec.

***Panagaeus cruxmajor* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

CERAMBYCIDAE

***Anoplodera rubra* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016; Nida (N), 02 08 2016; 5 spec.

***Arhopalus ferus* (Mulsant, 1839)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Leptura quadrifasciata* Linnaeus, 1758**

Smiltynė, 04 08 2016, 1 spec.

***Monochamus galloprovincialis* (Olivier, 1795)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

CETONIIDAE

***Cetonia aurata* (Linnaeus, 1758)**

Juodkrantė (V), 01–04 08 2016, 1 spec.

***Oxythyrea funesta* (Poda, 1761)**

Juodkrantė (N), 03 08 2016; Smiltynė, 04 08 2016; 2 spec.

***Protaetia cuprea* (Fabricius, 1775)**

Smiltynė, 04 08 2016, 1 spec.

CHRYSOMELIDAE

***Altica oleracea* (Linnaeus, 1758)**

Juodkrantė (N), 03 08 2016; Smiltynė, 04 08 2016; 2 spec.

***Bruchus atomarius* (Linnaeus, 1761)**

Juodkrantė (S), 01–04 08 2016, 4 spec.

***Cassida sanguinosa* Suffrian, 1844**

Juodkrantė (V), 02–03 08 2016, 1 spec.

***Cassida vibex* Linnaeus, 1767**

Juodkrantė (V), 02–03 08 2016, 1 spec.

***Chaetocnema hortensis* (Geoffroy, 1785)**

Smiltynė, 04 08 2016, 1 spec.

***Chrysolina fastuosa* (Scopoli, 1763)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

***Crioceris duodecimpunctata* (Linnaeus, 1758)**

Juodkrantė (V), 02–03 08 2016, 7 spec.

***Cryptocephalus fulvus* (Goeze, 1777)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Cryptocephalus ocellatus* Drapiez, 1819**

Juodkrantė (N), 03 08 2016, 1 spec.

***Epitrix pubescens* (Koch, 1803)**

Juodkrantė (N), 03 08 2016, 1 spec.

***Galerucella lineola* (Fabricius, 1781)**

Juodkrantė (N), 03 08 2016, 1 spec.

***Gastrophysa polygoni* (Linnaeus, 1758)**

Juodkrantė (V), 02–03 08 2016, 2 spec.

***Longitarsus succineus* (Foudras, 1860)**

Juodkrantė (S), 01–04 08 2016; Preila, 02 08 2016; 4 spec.

***Neocrepidodera ferruginea* (Scopoli, 1763)**

Juodkrantė (S), 01–04 08 2016; Preila, 02 08 2016; 7 spec.

***Phaedon armoraciae* (Linnaeus, 1758)**

Juodkrantė (N), 03 08 2016, 1 spec.

***Phratora laticollis* (Suffrian, 1851)**

Preila, 02 08 2016, 1 spec.

***Phyllotreta armoraciae* (Koch, 1803)**

Juodkrantė (N), 03 08 2016, 2 spec.

***Phyllotreta undulata* Kutschera, 1860**

Juodkrantė (V), 02–03 08 2016, 1 spec.

***Plagiosterna aenea* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

***Psylliodes cuprea* (Koch, 1803)**

Juodkrantė (S), 01–04 08 2016, 6 spec.

***Psylliodes marcidus* (Illiger, 1807)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Pyrrhalta viburni* (Paykull, 1799)**

Juodkrantė (S), 9 spec.

COCCINELLIDAE

***Adalia bipunctata* (Linnaeus, 1758)**

Juodkrantė, 01–04 08 2016, 1 spec.

***Calvia decemguttata* (Linnaeus, 1767)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Coccinella quinquepunctata* Linnaeus, 1758**

Juodkrantė (S), 01–04 08 2016, 2 spec.

***Coccinella septempunctata* Linnaeus, 1758**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Exochomus quadripustulatus* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

***Hippodamia variegata* (Goeze, 1777)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Psyllobora vigintiduopunctata* (Linnaeus, 1758)**

Juodkrantė (V), 02–03 08 2016, 1 spec.

***Scymnus suturalis* Thunberg, 1795**

Smiltynė, 04 08 2016, 2 spec.

***Stethorus pusillus* (Herbst, 1797)**

Preila, 02 08 2016, 1 spec.

***Subcoccinella vigintiquatuorpunctata* (Linnaeus, 1758)**

Juodkrantė (N), 03 08 2016; Smiltynė, 04 08 2016; 6 spec.

***Tytthaspis sedecimpunctata* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016; Smiltynė, 04 08 2016; 2 spec.

CRYPTOPHAGIDAE

***Atomaria fuscata* (Schönherr, 1808)**

Juodkrantė (V), 02–03 08 2016, 1 spec.

CURCULIONIDAE

***Amalus scortillum* (Herbst, 1795)**

Juodkrantė (V), 02–03 08 2016, 1 spec.

***Brachyderes incanus* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

***Calosirus apicalis* (Gyllenhal, 1827)**

Smiltynė, 04 08 2016, 1 spec.

***Ceutorhynchus barbareae* Suffrian, 1847**

Smiltynė, 04 08 2016.

****Ceutorhynchus canaliculatus* C. Brisout, 1869**

Smiltynė, 04 08 2016, 1 spec.

***Ceutorhynchus erysimi* (Fabricius, 1787)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Ceutorhynchus hampei* C. Brisout, 1869**

Juodkrantė (S), 01–04 08 2016; Nida (N), 02 08 2016; Smiltynė, 04 08 2016; 7 spec.

***Cionus hortulanus* (Geoffroy, 1785)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Glocianus molleri* (Thomson, 1868)**

Preila, 02 08 2016, 4 spec.

***Hylobius abietis* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

***Hypera miles* (Paykull, 1792)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Lixus albomarginatus* Boheman, 1842**

Juodkrantė (N), 03 08 2016, 1 spec.

***Mogulones geographicus* (Goeze, 1777)**

Smiltynė, 04 08 2016, 1 spec.

***Otiorhynchus raucus* (Fabricius, 1777)**

Smiltynė, 04 08 2016, 1 spec.

***Pityogenes bidentatus* (Herbst, 1783)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

***Pityogenes quadridens* (Hartig, 1834)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Pityogenes trepanatus* (Nördlinger, 1848)**

Smiltynė, 04 08 2016, 1 spec.

***Pityophthorus glabratus* Eichhoff, 1878**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Rhinoncus castor* (Fabricius, 1792)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Rhinoncus pericarpus* (Linnaeus, 1758)**

Juodkrantė (V), 02–03 08 2016, 1 spec.

***Rhinoncus perpendicularis* (Reich, 1797)**

Juodkrantė (V), 02–03 08 2016, 4 spec.

***Rhinusa antirrhini* (Paykull, 1800)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Sitona cylindricollis* Fahaeus, 1840**

Juodkrantė (V), 02–03 08 2016, 2 spec.

***Strophosoma capitatum* (DeGeer, 1775)**

Juodkrantė (S), 01–04 08 2016; Smiltynė, 04 08 2016; 3 spec.

***Tanymecus palliatus* (Fabricius, 1787)**

Juodkrantė (V), 02–03 08 2016, 1 spec.

DASYTIDAE

***Dasytes plumbeus* (Müller, 1776)**

Smiltynė, 04 08 2016, 1 spec.

DERMESTIDAE

***Anthrenus museorum* (Linnaeus, 1761)**

Juodkrantė (V), 02–03 08 2016, 1 spec.

***Dermestes frischii* Kugelann, 1792**

Juodkrantė (S), 01–04 08 2016, 6 spec.

***Dermestes gyllenhali* Laporte de Castelnau, 1840**

Juodkrantė (S), 01–04 08 2016, 4 spec.

***Dermestes laniarius* Illiger, 1801**

Juodkrantė (S), 01–04 08 2016, 16 spec.

DYTISCIDAE

***Hydroglyphus geminus* (Fabricius, 1792)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

ELATERIDAE

***Adrastus pallens* (Fabricius, 1792)**

Juodkrantė (S), 01–04 08 2016, 3 spec.

***Agriotes lineatus* (Linnaeus, 1767)**

Juodkrantė (V), 02–03 08 2016, 1 spec.

***Agrypnus murinus* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Prosternon tessellatum* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

GEOTRUPIDAE

***Geotrupes stercorosus* (Scriba, 1791)**

Juodkrantė (S), 01–04 08 2016; Smiltynė, 04 08 2016; 2 spec.

***Geotrupes vernalis* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 8 spec.

HISTERIDAE

***Dendrophilus corticalis* (Paykull, 1798)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Gnathoncus rotundatus* (Kugelann, 1792)**

Juodkrantė (S), 01–04 08 2016, 8 spec.

***Hypocaccus rugiceps* (Duftschmid, 1805)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Hypocaccus rugifrons* (Paykull, 1798)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

HYDROPHILIDAE

***Anacaena lutescens* (Stephens, 1829)**

Juodkrantė (N), 03 08 2016, 1 spec.

***Coelostoma orbiculare* (Fabricius, 1775)**

Juodkrantė (N), 03 08 2016, 1 spec.

KATERETIDAE

***Brachypterolus linariae* (Stephens, 1830)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

***Brachypterolus pulicarius* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016.

***Brachypterus glaber* (Newman, 1834)**

Juodkrantė (V), 02–03 08 2016, 1 spec.

***Brachypterus urticae* (Fabricius, 1792)**

Juodkrantė (N), 03 08 2016, 5 spec.

***Kateretes rufilabris* (Latreille, 1807)**

Smiltynė, 04 08 2016, 1 spec.

LATRIDIIDAE

***Cartodere nodifer* (Westwood, 1839)**

Smiltynė, 04 08 2016, 1 spec.

***Corticaria impressa* (Olivier, 1790)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Corticaria umbilicata* (Beck, 1817)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Corticarina minuta* (Fabricius, 1792)**

Juodkrantė (V), 02–03 08 2016, 1 spec.

***Corticarina truncatella* (Mannerheim, 1844)**

Smiltynė, 04 08 2016, 1 spec.

***Corticaria gibbosa* (Herbst, 1793)**

Juodkrantė (V), 02–03 08 2016; Smiltynė, 04 08 2016; 2 spec.

***Melanophthalma transversalis* (Gyllenhal, 1827)**

Juodkrantė (S), 01–04 08 2016; Juodkrantė (V), 02–03 08 2016; 2 spec.

***Stephostethus angusticollis* (Gyllenhal, 1827)**

Smiltynė, 04 08 2016, 1 spec.

LEIODIDAE

***Anisotoma glabra* (Fabricius, 1787)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

LUCANIDAE

***Dorcus parallelepipedus* (Linnaeus, 1758)**

Juodkrantė (V), 02–03 08 2016, 1 spec.

MALACHIIDAE

***Anthocomus rufus* (Herbst, 1784)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

***Apalochrus femoralis* Erichson, 1840**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Cordylepherus viridis* (Fabricius, 1787)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

MELOLONTHIDAE

***Maladera holosericea* (Scopoli, 1772)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Melolontha melolontha* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

NITIDULIDAE

***Epuraea pallescens* (Stephens, 1832)**

Smiltynė, 04 08 2016, 2 spec.

***Meligethes difficilis* (Heer, 1841)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Meligethes morosus* Erichson, 1845**

Juodkrantė (V), 02–03 08 2016, 6 spec.

****Meligethes planiusculus* (Heer, 1841)**

Smiltynė, 04 08 2016, 27 spec.

***Meligethes symphyti* (Heer, 1841)**

Juodkrantė (N), 03 08 2016, 1 spec.

***Meligethes tristis* (Strum, 1845)**

Smiltynė, 04 08 2016, 13 spec.

***Omosita colon* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 16 spec.

OEDEMERIDAE

***Chrysanthia geniculata* Schmidt, 1846**

Juodkrantė (S), 01–04 08 2016; Nida (N), 02 08 2016; 9 spec.

***Oedemera virescens* (Linnaeus, 1767)**

Nida (N), 02 08 2016, 1 spec.

PHALACRIDAE

***Olibrus millefolii* (Paykull, 1800)**

Nida (N), 02 08 2016, 1 spec.

***Phalacrus substriatus* Gyllenhal, 1813**

Preila, 02 08 2016, 2 spec.

***Stilbus oblongus* (Erichson, 1845).**

Juodkrantė (S), 01–04 08 2016, 1 spec.

PTILIIDAE

****Ptenidium laevigatum* Erichson, 1845**

Juodkrantė, 01–04 08 2016, 21 spec.

SCIRTIDAE

***Cyphon pubescens* (Fabricius, 1792)**

Juodkrantė (N), 03 08 2016, 2 spec.

SCRAPTIIDAE

***Anaspis brunnipes* (Mulsant, 1856)**

Juodkrantė (S), 01–04 08 2016; Smiltynė, 04 08 2016; 30 spec.

SILPHIDAE

***Phosphuga atrata* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Silpha obscura* Linnaeus, 1758**

Smiltynė, 04 08 2016, 1 spec.

***Thanatophilus sinuatus* (Fabricius, 1775)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

STAPHYLINIDAE

***Atheta amicula* (Stephens, 1832)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Atheta vaga* (Heer, 1839)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

***Bisnius sordidus* (Gravenhorst, 1802)**

Juodkrantė (S), 01–04 08 2016, 5 spec.

***Erichsonius cinerascens* (Gravenhorst, 1802)**

Juodkrantė (N), 03 08 2016, 2 spec.

***Ocypus ophthalmicus* (Scopoli, 1763)**

Alksnynė, 04 08 2016, 1 spec.

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

Smiltynė, 04 08 2016, 1 spec.

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

Smiltynė, 04 08 2016, 1 spec.

***Paederus riparius* (Linnaeus, 1758)**

Juodkrantė (N), 03 08 2016, 1 spec.

***Philonthus carbonarius* (Gravenhorst, 1802)**

Juodkrantė (S), 01–04 08 2016.

***Philonthus fumarius* (Gravenhorst, 1806)**

Juodkrantė (N), 03 08 2016, 2 spec.

***Philonthus lepidus* (Gravenhorst, 1802)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Philonthus politus* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 11 spec.

***Platydracus stercorarius* (Olivier, 1795)**

Juodkrantė (S), 01–04 08 2016, 4 spec.

***Staphylinus erythropterus* Linnaeus, 1758**

Smiltynė, 04 08 2016, 1 spec.

***Stenus geniculatus* Gravenhorst, 1806**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Stenus impressus* Germar, 1824**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Stenus juno* (Paykull, 1789)**

Juodkrantė (N), 03 08 2016, 1 spec.

***Tachyporus pallidus* Sharp, 1871**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Zyras collaris* (Paykull, 1800)**

Juodkrantė (N), 03 08 2016, 1 spec.

TENEBRIONIDAE

***Crypticus quisquilius* (Linnaeus, 1761)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Lagria hirta* (Linnaeus, 1758)**

Smiltynė, 04 08 2016, 1 spec.

***Melanimon tibialis* (Fabricius, 1781)**

Juodkrantė (V), 02–03 08 2016, 1 spec.

***Opatrum sabulosum* (Linnaeus, 1761)**

Juodkrantė (S), 01–04 08 2016, 3 spec.

***Phylan gibbus* (Fabricius, 1775)**

Preila, 02 08 2016, 5 spec.

TROGIDAE

***Trox scaber* (Linnaeus, 1767)**

Juodkrantė (S), 01–04 08 2016, 9 spec.

TROGOSITIDAE

***Ostoma ferruginea* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

ZOPHERIDAE

***Orthocerus clavicornis* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

HYMENOPTERA

APIDAE

***Apis mellifera* Linnaeus, 1758**

Preila, 02 08 2016, 5 spec.

***Anthophora furcata* (Panzer, 1798)**

Juodkrantė (S), 01–04 08 2016, 1 ♀.

***Bombus bohemicus* Seidl, 1838**

Juodkrantė (S), 01–04 08 2016; Smiltynė, 04 08 2016; 4 spec.

***Bombus lapidarius* (Linnaeus, 1758)**

Juodkrantė (N), 03 08 2016; Juodkrantė (S), 01–04 08 2016; 2 spec.

***Bombus pascuorum* (Scopoli, 1763)**

Juodkrantė (S), 01–04 08 2016; Smiltynė, 04 08 2016; 4 spec.

***Bombus pratorum* (Linnaeus, 1761)**

Juodkrantė (S), 01–04 08 2016; Smiltynė, 04 08 2016; 2 spec.

***Bombus rupestris* (Fabricius, 1793)**

Smiltynė, 04 08 2016, 1 spec.

***Bombus soroeensis* (Fabricius, 1777)**

Smiltynė, 04 08 2016, 1 spec.

***Bombus subterraneus* (Linnaeus, 1758)**

Smiltynė, 04 08 2016, 2 spec.

***Coelioxys afra* Lepeletier, 1841**

Juodkrantė (S), 01–04 08 2016, 1 ♂.

***Colletes succinctus* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 5 spec.

***Epeolus alpinus* Friese, 1893**

Nida (N), 02 08 2016, 2 spec.

***Epeolus variegatus* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 3 spec.

***Dasypoda altercator* (Harris, 1780)**

Juodkrantė (S), 01–04 08 2016, 4 ♂; Preila, 02 08 2016, 1 spec.

***Halictus rubicundus* (Christ, 1791)**

Smiltynė, 04 08 2016, 1 spec.

***Halictus sexcinctus* Fabricius, 1775**

Smiltynė, 04 08 2016, 3 spec.

***Halictus tumulorum* (Linnaeus, 1758)**

Preila, 02 08 2016; Smiltynė, 04 08 2016; 4 spec.

***Hylaeus communis* Nylander, 1852**

Smiltynė, 04 08 2016, 7 spec.

***Hylaeus incongruus* Förster, 1871**

Juodkrantė (S), 01–04 08 2016, 5 spec.

***Lasioglossum fratellum* (Perez, 1903)**

Smiltynė, 04 08 2016, 1 spec.

***Lasioglossum leucopus* (Kirby, 1802)**

Smiltynė, 04 08 2016, 2 spec.

***Lasioglossum lucidulum* (Schenck, 1861)**

Smiltynė, 04 08 2016, 1 spec.

***Lasioglossum morio* (Fabricius, 1793)**

Smiltynė, 04 08 2016, 1 spec.

***Lasioglossum nitidiusculum* (Kirby, 1802)**

Smiltynė, 04 08 2016, 1 spec.

***Lasioglossum punctatissimum* (Schenck, 1853)**

Smiltynė, 04 08 2016, 1 spec.

***Megachile alpicola* Alfken, 1924**

Juodkrantė (N), 03 08 2016, 1 spec.

***Megachile lagopoda* (Linnaeus, 1761)**

Alksnynė, 04 08 2016, 1 ♀.

***Megachile leachella* Curtis, 1828**

Juodkrantė (S), 01–04 08 2016, 5 spec.

***Sphecodes albilabris* (Fabricius, 1793)**

Smiltynė, 04 08 2016, 1 spec.

***Sphecodes longulus* von Hagens, 1882**

Smiltynė, 04 08 2016, 1 spec.

ARGIDAE

****Arge berberidis* Schrank, 1802**

Juodkrantė (S), 01–04 08 2016, 1 ♀.

****Arge ustulata* (Linnaeus, 1758)**

Juodkrantė (N), 03 08 2016, 1 ♀.

BETHYLIDAE

****Goniozus claripennis* (Foerster 1851)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

****Pseudisobrachium subcyaneum* (Haliday, 1838)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

CHRYSIDIDAE

***Chrysis scutellaris* Fabricius, 1794**

Juodkrantė (S), 01–04 08 2016, 3 spec.

****Hedychridium zelleri* (Dahlbom, 1845) (Fig. 2)**

Juodkrantė (S), 01–04 08 2016, 1 ♂.

***Hedychrum gerstaeckeri* Chevriér, 1869**

Smiltynė, 04 08 2016, 1 ♂.

***Trichrysis cyanea* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

CRABRONIDAE

***Bembix rostrata* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016; Smiltynė, 04 08 2016; 2 spec.

***Cerceris arenaria* (Linnaeus, 1758)**

Alksnynė, 04 08 2016; Smiltynė, 04 08 2016; 2 spec.

***Cerceris rybyensis* (Linnaeus, 1771)**

Smiltynė, 04 08 2016, 2♀.

***Diodontus minutus* (Fabricius, 1793)**

Juodkrantė (S), 01–04 08 2016, 16 spec.

***Ectemnius ruficornis* (Zetterstedt, 1838)**

Alksnynė, 04 08 2016, 1♀.

***Lindenius albilabris* (Fabricius, 1793)**

Smiltynė, 04 08 2016, 4 spec.

***Mellinus arvensis* (Linnaeus, 1758)**

Juodkrantė (N), 03 08 2016; Juodkrantė (S), 01–04 08 2016; 5 spec.

***Miscophus ater* Lepeletier, 1845**

Juodkrantė (S), 01–04 08 2016; Nida (S), 02 08 2016; Smiltynė, 04 08 2016; 30 spec.

***Oxybelus argentatus* Curtis, 1833**

Juodkrantė (S), 01–04 08 2016; Nida (S), 02 08 2016; 3♂.

***Oxybelus trispinosus* (Fabricius, 1787)**

Smiltynė, 04 08 2016, 1♂.

***Oxybelus uniglumis* (Linnaeus, 1758)**

Juodkrantė (N), 03 08 2016, 2♀.

***Passaloecus gracilis* Curtis, 1834**

Juodkrantė (S), 01–04 08 2016, 2 spec.

***Pemphredon inornata* Say, 1824**

Juodkrantė (S), 01–04 08 2016, 1♂.

***Philanthus triangulum* (Fabricius, 1775)**

Smiltynė, 04 08 2016, 2 spec.

***Rhopalum gracile* Wesmael, 1852**

Juodkrantė (N), 03 08 2016, 1♀.

***Tachysphex panzeri* (Vander Linden, 1829)**

Juodkrantė (S), 01–04 08 2016, 6 spec.

***Tachysphex pompiliformis* (Panzer, 1805)**

Smiltynė, 04 08 2016, 1♀.

***Trypoxylon minus* Beaumont, 1945**

Juodkrantė (S), 01–04 08 2016, 4 spec.

FORMICIDAE

***Formica cinerea* Mayr, 1853**

Juodkrantė (S), 01–04 08 2016, ca 100 spec.

***Formica rufibarbis* Fabricius, 1793**

Preila, 02 08 2016, 1 spec.

***Lasius niger* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 7 spec.

***Leptothorax acervorum* (Fabricius, 1793)**

Nida (N), 02 08 2016, 2 spec.

***Myrmica rubra* (Linnaeus, 1758)**

Preila, 02 08 2016, 1 spec.

***Myrmica ruginodis* Nylander, 1846**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Myrmica specioides?* Bondroit, 1918**

Juodkrantė (S), 01–04 08 2016, 3 spec.

POMPILIDAE

***Agenioideus cinctellus (Spinola, 1808)**

Juodkrantė (S), 03 08 2016, 1♂.

***Anoplus infuscatus (Vander Linden, 1827)**

Juodkrantė (S), 03 08 2016, 1♀1♂.

***Arachnospila anceps (Wesmael, 1851)**

Juodkrantė (S), 03 08 2016, 2♀4♂.

***Arachnospila rufa (Haupt, 1927)**

Juodkrantė (S), 03 08 2016, 1♀.

***Batozonellus lacerticida (Pallas, 1771)**

Smiltynė, 04 08 2016, 2♀.

Ceropales maculata (Fabricius, 1775)

Juodkrantė (N), 03 08 2016, 1♀.

***Episyron rufipes (Linnaeus, 1758)**

Juodkrantė (N), 03 08 2016, 1♀; Juodkrantė (S), 01–04 08 2016, 4♀2♂; Nida (N), 02 08 2016, 1♂; Nida (S), 02 08 2016, 1♀; Preila, 02 08 2016, 1♀.

***Evaetes dubius (Vander Linden, 1827)**

Juodkrantė (S), 01–04 08 2016, 2♀1♂; Smiltynė, 04 08 2016, 1♀.

***Evaetes pectinipes (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 6♀3♂.

***Pompilus cinereus (Fabricius, 1775)**

Juodkrantė (S), 01–04 08 2016, 2♀; Nida (S), 02 08 2016, 1♂; Preila, 02 08 2016, 1♀; multiple specimens observed.

SPHECIDAE

Ammophila sabulosa (Linnaeus, 1758)

Juodkrantė (S), 01–04 08 2016; Preila, 02 08 2016; Smiltynė, 04 08 2016; 5 spec.

Podalonia affinis (Kirby, 1798)

Juodkrantė (N), 03 08 2016; Juodkrantė (S), 01–04 08 2016; Nida (N), 02 08 2016; Smiltynė, 04 08 2016; 6 spec.

Sphex funerarius Gussakovskij, 1934

Juodkrantė (S), 01–04 08 2016, 2 spec.

TENTHREDINIDAE

***Ametastegia equiseti (Fallén, 1808)**

Juodkrantė (S), 03 08 2016, 1♀.

***Caliroa tremulae Chevin, 1974**

Juodkrantė (S), 02 08 2016, 1♀.

***Dolerus aericeps Thomson, 1871**

Juodkrantė (N), 03 08 2016, 1♂.

***Nesoselandria morio (Fabricius, 1781)**

Juodkrantė (N), 01–04 08 2016, 1 spec.

***Tenthredo campestris Linnaeus, 1758**

Juodkrantė (N), 03 08 2016, 2♀.

***Tenthredo scrophulariae Linnaeus, 1758**

Juodkrantė (N), 03 08 2016, 1♀.

TIPHIIDAE

Tiphia femorata Fabricius, 1775

Preila, 02 08 2016, 1♀.

VESPIDAE

***Ancistrocerus nigricornis* (Curtis, 1826)**

Smiltynė, 04 08 2016, 1♀1♂.

***Ancistrocerus trifasciatus* (Müller, 1776)**

Smiltynė, 04 08 2016, 1♀.

***Vespa crabro* Linnaeus, 1758**

Juodkrantė (N), 03 08 2016; Juodkrantė (V), 02–03 08 2016; 2 spec.

Additionally, specimens of the following families of Hymenoptera were collected by JP: Aphelinidae (11 spec.), Braconidae (46 spec.), Ceraphronidae (58 spec.), Diapriidae (34 spec.), Encyrtidae (6 spec.), Eulophidae (15 spec.), Eupelmidae (1 spec.), Eurytomidae (4 spec.), Figitidae (20 spec.), Ichneumonidae (31 spec.), Megaspilidae (3 spec.), Mymaridae (3 spec.), Perilampidae (2 spec.), Platygasteridae (15 spec.), Proctotrupidae (2 spec.), Pteromalidae (26 spec.), Scelionidae (18 spec.), Sparasionidae (5 spec.), Tenthredinidae (4 spec.), Trichogrammatidae (5 spec.). All specimens are deposited in MZH.

LEPIDOPTERA

DREPANIDAE

***Drepana curvatula* (Borkhausen, 1790)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

EREBIDAE

***Coscinia cribraria* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 10 spec.

***Eilema complana* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

***Eilema depressa* (Esper, 1787)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Eilema lurideola* (Zincken, 1817)**

Juodkrantė (S), 01–04 08 2016, 6 spec.

***Eilema lutarella* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Euproctis similis* (Fuessly, 1775)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Lithosia quadra* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Lymantria monacha* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Parascotia fuliginaria* (Linnaeus, 1761)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Phragmatobia fuliginosa* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 5 spec.

GEOMETRIDAE

***Cabera pusaria* (Linnaeus, 1758)**

Juodkrantė (N), 03 08 2016, 1 spec.

***Camptogramma bilineata* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Cosmorhoe ocellata* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

***Ecliptopera silaceata* (Denis & Schiffermüller, 1775)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Epirrhoe alternata* (Müller, 1764)**

Juodkrantė (S), 01–04 08 2016, 4 spec.

***Epirrhoe tristata* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016; Nida (N), 02 08 2016; 2 spec.

***Euphyia unangulata* (Haworth, 1809)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Eupithecia icterata* (de Villers, 1789)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Idaea aversata* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Lythria cruentaria* (Hufnagel, 1767)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Pareulype berberata* (Denis & Schiffermüller, 1775)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Pelurga comitata* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Scopula immorata* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Scopula immutata* (Linnaeus, 1758)**

Smiltynė, 04 08 2016, 1 spec.

***Scopula rubiginata* (Hufnagel, 1767)**

Smiltynė, 04 08 2016, 1 spec.

HESPERIDAE

***Thymelicus lineola* (Ochsenheimer, 1808)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

LASIOCAMPIDAE

***Dendrolimus pini* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Lasiocampa trifolii* (Denis & Schiffermüller, 1775)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

LYCAENIDAE

***Lycaena phlaeas* (Linnaeus, 1761)**

Juodkrantė (S), 01–04 08 2016, 10 spec.

***Lycaena tityrus* (Poda, 1761)**

Juodkrantė (S), 01–04 08 2016; Nida (N), 02 08 2016; Preila, 02 08 2016; Smiltynė, 04 08 2016; 11 spec.

***Polyommatus icarus* (Rottemburg, 1775)**

Juodkrantė (N), 03 08 2016; Juodkrantė (S), 01–04 08 2016; Nida (N), 02 08 2016; 38 spec.

***Thecla betulae* (Linnaeus, 1758)**

Juodkrantė (N), 03 08 2016, 1 spec.

NOCTUIDAE

***Acronicta cuspis* (Hübner, 1813)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Acronicta leporina* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

***Acronicta rumicis* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 10 spec.

***Agrotis clavis* (Hufnagel, 1766)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Agrotis segetum* (Denis & Schiffermüller, 1775)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Agrotis vestigialis* (Hufnagel, 1766)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

***Amphipyra pyramidea* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

***Apamea monoglypha* (Hufnagel, 1766)**

Juodkrantė (S), 01–04 08 2016, 5 spec.

***Autographa gamma* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 20 spec.

***Calamia tridens* (Hufnagel, 1766)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Cerapteryx graminis* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

***Cryphia algae* (Fabricius, 1775)**

Juodkrantė (S), 01–04 08 2016, 4 spec.

***Euxoa nigricans* (Linnaeus, 1761)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Globia sparganii* (Esper, 1790)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Heliothis viriplaca* (Hufnagel, 1766)**

Juodkrantė (S), 01–04 08 2016, 5 spec.

***Hoplodrina blanda* (Denis & Schiffermüller, 1775)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Hoplodrina octogenaria* (Goeze, 1781)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Lacanobia oleracea* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

***Lacanobia suasa* (Denis & Schiffermüller, 1775)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

***Litoligia literosa* (Haworth, 1809)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Mamestra brassicae* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

***Mesapamea secalis* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 11 spec.

***Mesoligia furuncula* (Denis & Schiffermüller, 1775)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

***Mythimna albipuncta* (Denis & Schiffermüller, 1775)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

***Mythimna pallens* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

***Noctua fimbriata* (Schreber, 1759)**

Juodkrantė (S), 01–04 08 2016, 5 spec.

***Noctua janthina* Denis & Schiffermüller, 1775**

Juodkrantė (S), 01–04 08 2016, 10 spec.

***Noctua pronuba* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 13 spec.

***Ochropleura plecta* (Linnaeus, 1761)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Thalpophila matura* (Hufnagel, 1766)**

Juodkrantė (S), 01–04 08 2016, 3 spec.

***Trachea atriplicis* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Xestia baja* (Denis & Schiffermüller, 1775)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

***Xestia c-nigrum* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 3 spec.

NOTODONTIDAE

***Notodonta dromedarius* (Linnaeus, 1767)**

Juodkrantė (S), 01–04 08 2016, 5 spec.

***Ptilodon capucina* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

NYMPHALIDAE

***Aglais io* (Linnaeus, 1758)**

Juodkrantė (N), 03 08 2016; Juodkrantė (S), 01–04 08 2016; 4 spec.

***Aphantopus hyperantus* (Linnaeus, 1758)**

Smiltynė, 04 08 2016, 2 spec.

***Araschnia levana* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 2 spec.

***Argynnis aglaja* (Linnaeus, 1758)**

Preila, 02 08 2016, 4 spec.

***Argynnis paphia* (Linnaeus, 1758)**

Juodkrantė (N), 03 08 2016, 2 spec.

***Coenonympha pamphilus* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 20 spec.

***Hipparchia semele* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016; Nida (N), 02 08 2016; Preila, 02 08 2016; 170 spec.

***Hyponephele lycaon* (Rottemburg, 1775)**

Juodkrantė (S), 01–04 08 2016; Nida (N), 02 08 2016; Preila, 02 08 2016; 11 spec.

***Lasiommata megera* (Linnaeus, 1767)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Maniola jurtina* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016; Smiltynė, 04 08 2016; 17 spec.

***Nymphalis antiopa* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Polygonia c-album* (Linnaeus, 1758)**

Juodkrantė (N), 03 08 2016, 1 spec.

***Vanessa atalanta* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 5 spec.

***Vanessa cardui* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 4 spec.

PIERIDAE

***Gonepteryx rhamni* (Linnaeus, 1758)**

Juodkrantė (N), 03 08 2016; Juodkrantė (S), 01–04 08 2016; 2 spec.

***Pieris brassicae* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

***Pieris napi* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 3 spec.

***Pieris rapae* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

SPHINGIDAE

***Hemaris fuciformis* (Linnaeus, 1758)**

Smiltynė, 04 08 2016, 1 spec.

***Hyles gallii* (Rottemburg, 1775)**

Juodkrantė (S), 01–04 08 2016, 1 spec.

ORTHOPTERA

ACRIDIDAE

***Myrmeleotettix maculatus* (Thunberg, 1815)**

Juodkrantė (S), 01–04 08 2016.

***Oedipoda caerulescens* (Linnaeus, 1758)**

Juodkrantė (S), 01–04 08 2016.

***Sphingonotus caerulans* (Linnaeus, 1767)**

Juodkrantė (S), 01–04 08 2016.

PHANEROPTERIDAE

***Phaneroptera falcata* (Poda, 1761)**

Juodkrantė (S), 01–04 08 2016.

TETTIGONIIDAE

***Pholidoptera griseoptera* (DeGeer, 1773)**

Juodkrantė (S), 01–04 08 2016.

STREPSIPTERA

STYLOPIDAE

****Halictoxenos tumulorum* Perkins, 1918**

Smiltynė, 04 08 2016, 2♀.

Discussion

Despite the short duration of the trip, the relatively late season and unstable weather, a substantial number of insect species was found during the excursion. A total of 192 Coleoptera, 42 Hemiptera, 86 Hymenoptera, 89 Lepidoptera, 5 Orthoptera and 1

Strepsiptera species were observed. Of these, the following are new to Lithuania: *Ceutorhynchus canaliculatus*, *Meligethes planiusculus*, *Ptenidium laevigatum* (Coleoptera), *Arge berberidis*, *Arge ustulata*, *Pseudoisobrachium subcyaneum*, *Hedychridium zelleri*, *Agenioideus cinctellus*, *Anoplius infuscatus*, *Arachnospila anceps*, *A. rufa*, *Batozonellus lacerticida*, *Episyron rufipes*, *Evagetes dubius*, *E. pectinipes*, *Pompilus cinereus*, *Ametastegia equiseti*, *Caliroa tremulae*, *Dolerus aericeps*, *Nesoselandria morio*, *Tenthredo campestris*, *T. scrophulariae* (Hymenoptera) and *Halictoxenos tumulorum* (Strepsiptera). The species *M. planiusculus* and *H. zelleri* are new to all Baltic states as well (Silfverberg, 2010, Paukkunen *et al.*, 2015). The order Strepsiptera has not been reported previously from Lithuania (Soon *et al.*, 2012). The large number of new species indicates that the insect fauna of the Curonian Spit is still relatively deficiently known and should be studied in more detail in the future.

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References

- Ivinskis P., Rimšaitė J. 2005. Baltic seashore as a unique habitat for insects. *Acta Zoologica Lituanica* 15 (2): 115–118.
- Paukkunen J., Berg A., Soon V., Ødegaard F., Rosa P. 2015. An illustrated key to the cuckoo wasps (Hymenoptera, Chrysididae) of the Nordic and Baltic countries, with description of a new species. *ZooKeys* 548: 1–116.
- Rassi P., Karjalainen S., Clayhills T., Helve E., Hyvärinen E., Laurinharju E., Malmberg S., Mannerkoski I., Martikainen P., Mattila J., Muona J., Pentinsaari M., Rutanen I., Salokannel J., Siitonen J., Silfverberg H. 2015. Kovakuoriaisten maakuntaluettelo 2015 [Provincial List of Finnish Coleoptera 2015]. *Sahlbergia* 21 Supplement 1: 1–164.
- Silfverberg H. 2010. Enumeratio renovate Coleopterorum Fennoscandiae, Danie et Baltiae. *Sahlbergia* 16 (2): 1–144.
- Soon V., Kesküla T., Kurina O. 2011. Strepsiptera species in Estonia. *Entomologica Fennica* 22: 213–218.

Entomologų ekskursija į Kuršių neriją 2016 m. rugpjūtį

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Santrauka

Helsinkio entomologų draugijos (Societas Entomologica Helsingforsiensis) ekskursijos, vykusios 2016 metų rugpjūčio 1–4 d.d. į Lietuvai priklausančią Kuršių nerijos dalį, metu aptikta 192 Coleoptera, 42 Hemiptera, 82 Hymenoptera, 89 Lepidoptera, 5 Orthoptera ir 1 Strepsiptera vabzdžių rūšis. Jų tarpe rastos Lietuvai naujos *Ceutorhynchus canaliculatus*, *Meligethes planiusculus*, *Ptenidium laevigatum* (Coleoptera), *Arge berberidis*, *Arge ustulata*, *Goniozus claripennis*, *Pseudoisobrachium subcyaneum*, *Hedychridium zelleri*, *Agenioideus cinctellus*, *Anoplius infuscatus*, *Arachnospila anceps*, *A. rufa*, *Batozonellus lacerticida*, *Episyron rufipes*, *Evagetes dubius*, *E. pectinipes*, *Pompilus cinereus*, *Ametastegia equiseti*, *Caliroa tremulae*, *Dolerus aericeps*, *Nesoselandria morio*, *Tenthredo campestris*, *T. scrophulariae* (Hymenoptera) ir *Halictoxenos tumulorum* (Strepsiptera) rūšys. Iš jų *M. planiusculus* ir *H. zelleri* iki šiol nebuvo rastos ir kitose Baltijos šalyse. Šioje publikacijoje pirmą kartą skelbiami duomenys apie Lietuvoje aptiktą Strepsiptera būrio atstovą.

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