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CONTRIBUTION TO THE KNOWLEDGE OF ROVE BEETLES (COLEOPTERA: STAPHYLINIDAE) IN CONIFEROUS FORESTS OF THE CARPATHIAN NATIONAL NATURE PARK (IVANO-FRANKIVSK REGION, UKRAINE)

Глотов, С. В., Мотрук, Ю. Б., Дєдусь, В. І., Чумак, М. В., Дем'яненко, С. О., Дрогваленко, О. М., Гузь, Г. В., Киселюк, О. І., Заячук, В. Я., Кривошеєв, Р. Е. Внесок у вивчення жуків-стафілінід (Coleoptera: Staphylinidae) хвойних лісів Карпатського національного природного парку (Івано-Франківська область, Україна). *Вісник Харківського ентомологічного товариства*. 2026. Т. XXXIV, вип. 1. С. 18–40. DOI: 10.36016/KhESG-2026-34-1-4.

Стаття присвячена вивченню видового різноманіття стафілінід (Coleoptera: Staphylinidae) у хвойних лісах Карпатського національного природного парку. На основі матеріалів, зібраних під час польових досліджень у 2023–2024 рр., ідентифіковано 205 видів стафілінід, які належать до 17 підродин. З них 128 видів наводяться для фауни Карпатського національного природного парку вперше. Отримані дані істотно розширюють знання про ентомофауну Українських Карпат і можуть бути використані як для складання «Літопису природи» парку, так і для Державного кадастру тваринного світу України. 3 рис., 24 назв.

Ключові слова: фауна, біорізноманіття, Українські Карпати, нові знахідки.

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The article investigates the species diversity of rove beetles (Coleoptera: Staphylinidae) within the coniferous forests of the Carpathian National Nature Park. Based on material collected during field surveys in 2023–2024, a total of 205 rove beetle species belonging to 17 subfamilies were identified. Of these, 128 species are recorded for the first time for the Carpathian National Nature Park's fauna. These findings significantly expand our knowledge of the entomofauna of the Ukrainian Carpathians and can be used to compile both the Carpathian National Nature Park's Chronicles of Nature and the State Cadastre of the Animal Kingdom of Ukraine. 3 figs, 24 refs.

Keywords: fauna, biodiversity, Ukrainian Carpathians, new records.

Introduction. Rove beetles (Coleoptera: Staphylinidae) are among the largest beetle families. To date, the world's fauna comprises more than 66,928 species belonging to 35 subfamilies and 4,038 genera (Newton, 2025). Over 1,300 species are known in the Ukrainian fauna (Glotov, 2021).

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Some progressive adaptive features of staphilinids have led to the emergence of specialized forms that successfully coexist with other animals, living in caves, mammal burrows, nests of birds and social insects. The majority of rove beetle larvae and adults are non-specialized predators that feed on a variety of invertebrates, acting as natural regulators. Fewer staphilinid species are mycophages or saprophages. The former feed on parts of the fruit body and fungal spores, while the latter feed on plant and animal remains, playing an active role in soil formation and the natural cycle of matter. Many rove beetles are characterized by their high abundance, clear habitat allocation, and sensitivity to environmental changes. These features make them valuable indicators of environmental pollution and ecosystem monitoring (Thayer, 2016).

To date, knowledge of the fauna in the protected areas of the Ukrainian Carpathians remains uneven. Before our research, 77 species of rove beetles had been recorded from the Carpathian National Nature Park (Chumak *et al.*, 2006; Kyselyuk *et al.*, 2009; Mateleshko *et al.*, 2009). Recent studies, based both on the analysis of museum collections (Glotov *et al.*, 2022a, 2022b, 2023) and field surveys initiated in 2022 (Motruk, 2025, 2026; Motruk, Chumak, 2024; Motruk, Glotov, 2025a–c; Motruk *et al.*, 2025a–d; Motruk, Chumak, Glotov, 2025), have significantly expanded our knowledge of the Staphylinidae family in the Carpathian National Nature Park.

The **aim** of the work is to summarize the available data, exclude doubtful or erroneous records, and compile an annotated checklist of rove beetles recorded in the Carpathian National Nature Park to date.

Materials and methods. **Study area.** The Carpathian National Nature Park is the oldest and one of the largest national nature parks in Ukraine. Its territory stretches 55 km from north to south and 20 km from west to east. The majority of the Carpathian National Nature Park's territory is located within altitudes of 500 to 2,000 m a.s.l. The highest point of Ukraine, the top of Mount Hoverla (2,061 m a.s.l.), is located within the Carpathian National Nature Park. In terms of its geographical location, the Carpathian National Nature Park is situated in the highest and most interesting area of the Gorgany massif. Most of its territory covers the upper reaches of the Prut River and its tributaries, as well as the Chornyi Cheremosh River basin. The Carpathian National Nature Park's most important objects of protection are natural forests, subalpine and alpine ecosystems of Chornohora, relict *Pinus cembra* stands preserved on the rocky plateaus of the Chornohora and Gorgany massifs, alpine landscapes with glacial holes, ramparts and lakes of glacial origin, and valuable botanical, geological, and morphological monuments. The most valuable areas were protected even before the territory was designated as a National Nature Park. However, various forms of anthropogenic impact have occurred over a large area, resulting in major changes in the natural structure of the vegetation (Kyselyuk *et al.*, 2009).

The material was collected from seven sample plots (SMPS 1–SMPS 7) established in the coniferous forests of the Carpathian National Nature Park (Fig. 1) (Kyselyuk *et al.*, 2009; Motruk, 2026). The selection and classification of the sample plots into primeval, natural (non-managed), and managed forests of different age classes were based on the standardized criteria of forest naturalness adapted for the Carpathian region (EEA, 2007).

Sample Plot 1 (SMPS 1) — the old-growth spruce forest plot is located on a southeastern slope at an altitude of 975 m a.s.l., within sub-compartment 10 of compartment 22 in the Pidlisnivske Research and Nature Development Section (hereinafter referred to as RNDS), in the vicinity of Mykulychyn village (48.357647 N, 24.634125 E). The forest canopy is characterized by high density, with the dominant story composed entirely of *Picea abies* (100%), alongside minor admixtures of *Abies alba*, *Fagus sylvatica*, and *Betula pendula*. The understory is well-developed, consisting of *A. alba* (60%) and *P. abies* (40%); this composition is attributed to the higher shade tolerance of *A. alba*, enabling its successful regeneration beneath the closed forest canopy.

Sample Plot 2 (SMPS 2) — the middle-aged spruce forest plot is located on a southwestern slope at an altitude of 820 m a.s.l., within sub-compartment 5 of compartment 11 in the Pidlisnivske RNDS, in the vicinity of Mykulychyn village (48.378711 N, 24.601081 E). The stand is represented by a pure monoculture of *P. abies* (100%). The understory is predominantly formed by young *P. abies* individuals. The shrub layer includes *Rubus idaeus*, *Rubus fruticosus*, and *Juniperus communis*, while the herbaceous layer is dominated by *Oxalis acetosella* and *Dryopteris austriaca*.

Sample Plot 3 (SMPS 3) — the declining old-growth fir-spruce forest plot is located on a southeastern slope at an altitude of 715 m a.s.l., within sub-compartment 5 of compartment 11 in the Yamnianske RNDS, in the vicinity of Mykulychyn village (48.412419 N, 24.589156 E). The stand age is approximately 100 years. The overstory is composed of *P. abies* (90%) and *A. alba* (10%), with a minor admixture of *F. sylvatica*. The shrub layer is represented by tree regeneration, while the herb-dwarf shrub layer is dominated by *Calamagrostis arundinacea* and *Calluna vulgaris*.

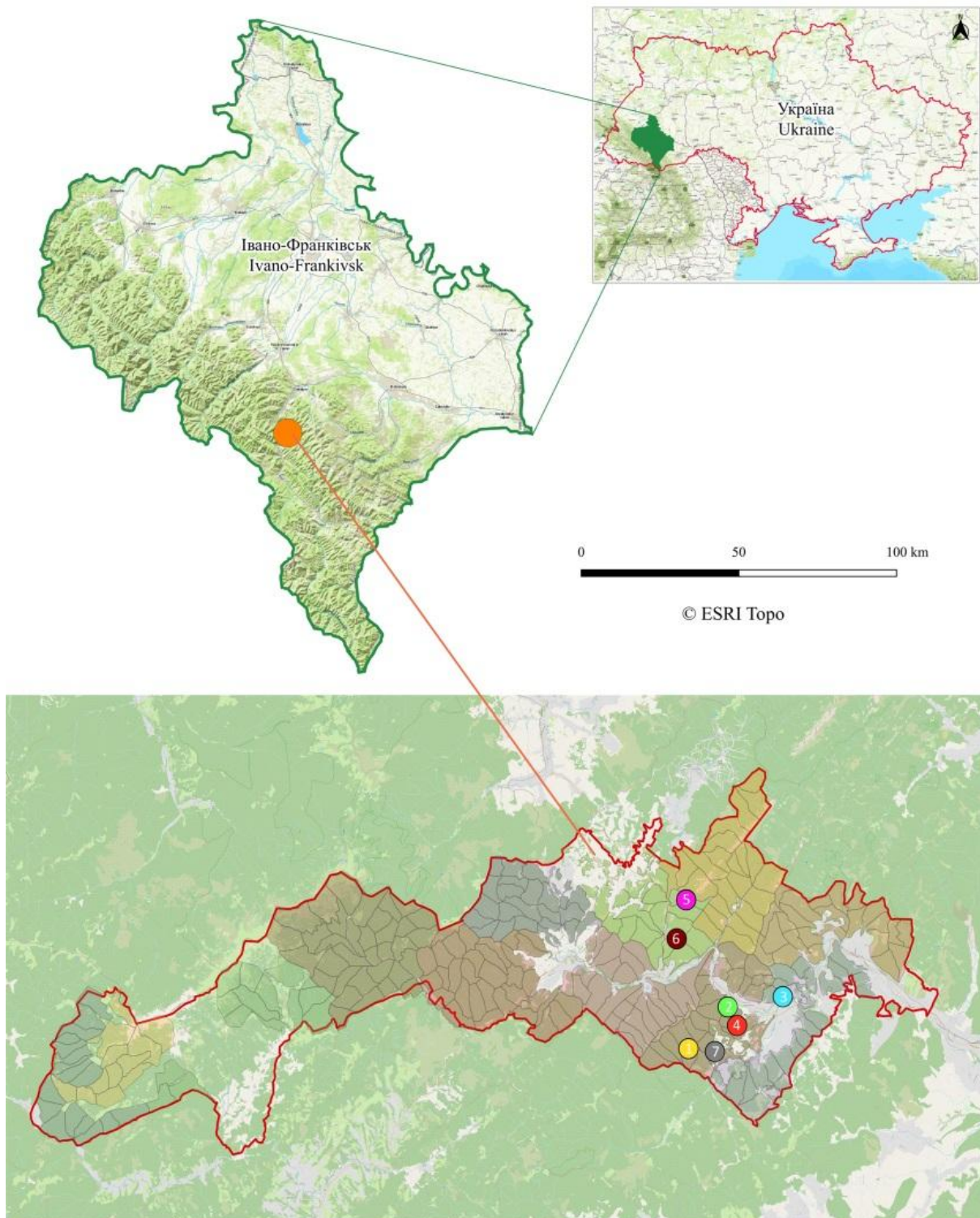


Fig. 1. Location of the study plots within the coniferous forests of the Carpathian National Nature Park investigated in 2023 and 2024: 1 — old-growth natural spruce forest plot (SMPS 1); 2 — middle-aged natural spruce forest plot (SMPS 2), 3 — declining old-growth natural fir-spruce forest plot (SMPS 3), 4 — primeval fir forest plot (SMPS 4), 5 — middle-aged commercial spruce forest plot (SMPS 5), 6 — primeval spruce forest plot (SMPS 6), 7 — old-growth commercial spruce-fir forest plot (SMPS 7).

Sample Plot 4 (SMPS 4) — the primeval fir forest plot is located on a western slope at an altitude of 760 m a.s.l., within sub-compartments 30 and 31 of compartment 13 in the Pidlisnivske RNDS, in the vicinity of Mykulychyn village (48.384000 N, 24.613367 E). This plot represents a reference primeval fir forest with an estimated age of about 190 years. The canopy consists almost exclusively of *A. alba* (100%), with a slight admixture of *P. abies* and *F. sylvatica*. The well-developed understory is primarily composed of young trees around 30 years old, with an 80:20 ratio of *A. alba* to *P. abies* and *F. sylvatica*. The undergrowth consists of *Corylus avellana*, *J. communis*, and *Sambucus nigra*. The herb-bryophyte layer includes *Asarum europaeum*, *Symphytum officinale*, and moss species such as *Brachythecium* sp. and *Plagiomnium* sp.

Sample Plot 5 (SMPS 5) — the middle-aged commercial spruce forest plot is located on a southwestern slope at an altitude of 1,000 m a.s.l., within sub-compartment 20 of compartment 3 in the Yablunytske RNDS, in the vicinity of Yablunytsia village (48.353317 N, 24.513503 E). The stand is around 80 years old. The forest canopy is characterized by high density, with a 100% dominance of *P. abies*. Alongside, a minor admixture of *B. pendula* occurs primarily in forest gaps or well-lit areas. The understory consists of young *P. abies* trees, occurring singly or in small groups. *A. alba* prevails in shaded micro-sites, indicating natural forest succession dynamics and the potential for a future shift in dominant tree species. The shrub and herb layers feature *R. idaeus*, *R. fruticosus*, *O. acetosella*, *A. europaeum*, and scattered individuals of *Dryopteris filix-mas*. Mosses (*Hylocomium splendens*, *Pleurozium schreberi*) form a continuous bryophyte layer.

Sample Plot 6 (SMPS 6) — the primeval spruce forest plot is located on a southern slope at an altitude of 975 m a.s.l., within sub-compartment 2 of compartment 6 in the Yablunytske RNDS of the Carpathian National Nature Park, in the vicinity of Tatariv village (48.349783 N, 24.544597 E). The first canopy story is estimated to be about 170 years old and is composed entirely of *P. abies*. A minor admixture of *B. pendula*, present as solitary trees or small sun-lit groups, occurs mainly along the periphery of the plot. The understory is quite dense and well-developed. It is approximately 40 years old and is primarily composed of *P. abies* (70%) and *A. alba* (30%). The shrub layer is poorly developed. The herb-dwarf shrub layer is characterized by *Vaccinium myrtillus*, covering approximately 20% of the area. *O. acetosella* grows in shaded areas, accompanied by the mosses *P. schreberi* and *Hylocomium splendens*.

Sample Plot 7 (SMPS 7) — the old-growth commercial spruce-fir forest plot is located on a moderately steep northwestern slope at an altitude of 835 m a.s.l., within sub-compartment 19 of compartment 20 in the Pidlisnivske RNDS of the Carpathian National Nature Park, in the vicinity of Mykulychyn village (48.372464 N, 24.636042 E). The stand is approximately 100 years old. The forest canopy is dominated by *A. alba* (90%) and *P. abies* (10%), with an admixture of *F. sylvatica*. The understorey consists of a well-developed generation of young trees, primarily *A. alba* (60%), *P. abies* (20%), and *F. sylvatica* (20%). The shrub layer includes *Rubus* sp., *Rhamnus cathartica*, and young individuals of *P. abies*. The herb layer is represented by *O. acetosella* and *D. filix-mas*; the moss layer is formed by *Pleurozium* spp. and *Hylocomium* spp.

Collection method. The diversity of saproxylobiontic beetles within the coniferous forests of the Carpathian National Nature Park was investigated using two types of barrier traps (Figs 1, 2), which are considered highly effective for studying this group of organisms (Duelli, Obrist, Schmatz, 1999; Motruk, Glotov, 2025b).

In 2023, combined barrier traps and transparent window flight intercept traps (Polytrap type) were used, with four units of each trap type installed on each study plot (Fig. 2). In 2024, insect sampling was conducted using only transparent window flight intercept traps, but in greater quantities — 11 units per study plot (Fig. 3). All traps were set up annually and operated continuously (24/7) throughout the vegetation season, from early April to late September. The radius of the trap was 45 cm, and the height of the plates was 70 cm (Duelli, Obrist, Schmatz, 1999). A 4% formalin solution was used as the fixative for the traps. The material from the traps was removed monthly and transferred to 150 ml plastic jars with 70% ethanol.

The current taxonomic status, nomenclature, and general distribution of the species follow the GBIF Backbone Taxonomy (GBIF Secretariat, 2025). The geographical coordinates of localities and collecting sites are provided using Google Maps (www.google.com/maps).

The species were identified using an MBS-10 stereomicroscope. If necessary, the mandibles, genitalia, and other body parts of the beetle were dissected using thin dissecting needles. To clarify the material, the structures were either boiled or immersed in a 10% NaOH solution. The organs were then placed in a mounting medium containing either Canada balsam or Euparal for long-term storage (Motruk, Glotov, 2025b).

Detailed occurrence data for 2023 are available via GBIF (Motruk *et al.*, 2025b; Drogvalenko *et al.*, 2025).

The collected material is currently deposited in the private collections of M. Chumak (Uzhhorod), S. Glotov (Lviv), and Yu. Motruk (Mykulychyn).



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Figs 2, 3. Traps used in the coniferous forests of the Carpathian National Nature Park during the fieldwork in 2023 and 2024: 2 — combined barrier trap; 3 — transparent Polytrap-type barrier trap.

Results and discussions. Based on the material collected during field studies conducted in 2023–2024 in the coniferous forests of the Carpathian National Nature Park, 205 rove beetle species belonging to 17 subfamilies were identified (Aleocharinae — 70 species, Mycetoporinae — 13, Olisthaerinae — 1, Omaliinae — 13, Oxyporinae — 1, Oxytelinae — 8, Paederinae — 3, Phloeocharinae — 1, Proteininae — 3, Pselaphinae — 20, Scaphidiinae — 8, Scydmaeninae — 8, Silphinae — 4, Staphylininae — 32, Steninae — 1, Tachyporinae — 14, Xantholininae — 6). Of these, 128 species are recorded for the first time for the fauna of the Carpathian National Nature Park (marked with an asterisk ‘*’ in the text and systematic list).

Family STAPHYLINIDAE Latreille, 1802

Subfamily ALEOCHARINAE Fleming, 1821

Genus *Aleochara* Gravenhorst, 1802

***Aleochara brevipennis* Gravenhorst, 1806**

References. Glotov, Hushtan, Rizun, 2023.

Material. SMPS 4: 21.05.2024 — 1 sp., 23.07.2024 — 1 sp.; SMPS 5: 12.06.2024 — 1 sp. SMPS 6: 19.05.2024 — 4 sp. SMPS 7: 20.05.2024 — 3 sp., 10.06.2024 — 3 sp.

***Aleochara curtula* (Goeze, 1777)**

References. Glotov, Hushtan, Rizun, 2023.

Material. SMPS 3: 29.06.2023 — 1 sp. SMPS 6: 21.07.2024 — 1 sp.

***Aleochara cuniculorum* Kraatz, 1858**

References. Motruk, Glotov, 2025a.

Material. SMPS 1: 13.06.2023 — 1 sp. SMPS 3: 09.10.2023 — 3 sp. SMPS 4: 19.05.2023 — 1 sp., 13.08.2024 — 1 sp. SMPS 5: 22.05.2024 — 2 sp., 03.07.2024 — 1 sp., 14.08.2024 — 1 sp. SMPS 6: 19.05.2024 — 4 sp., 09.06.2024 — 3 sp. SMPS 7: 20.05.2024 — 3 sp., 01.07.2024 — 4 sp.

***Aleochara diversa* (J. Sahlberg, 1876)**

References. Glotov, Hushtan, Rizun, 2023.

Material. SMPS 5: 22.05.2024 — 1 sp. SMPS 6: 30.06.2024 — 4 sp. SMPS 7: 02.09.2024 — 5 sp.

***Aleochara fumata* Gravenhorst, 1802**

References. Motruk, Glotov, 2025a.

Material. SMPS 4: 23.07.2024 — 1 sp. SMPS 6: 21.07.2024 — 1 sp.

***Aleochara inconspicua* Aubé, 1850 ***

Material. SMPS 1: 08.07.2023 — 1 sp.

***Aleochara lanuginosa* Gravenhorst, 1802**

References. Glotov, Hushtan, Rizun, 2023.

Material. SMPS 3: 09.10.2023 — 1 sp. SMPS 6: 09.06.2024 — 1 sp.

***Aleochara sparsa* Heer, 1839 ***

Material. SMPS 1: 30.07.2023 — 3 sp., 26.08.2023 — 2 sp., 08.10.2023 — 1 sp.

***Aloconota languida* (Erichson, 1837) ***

Material. SMPS 7: 10.06.2024 — 1 sp.

Genus *Amischa* Thomson, 1858

***Amischa analis* (Gravenhorst, 1802) ***

Material. SMPS 1: 20.05.2023 — 2 sp., 13.06.2023 — 2 sp., 08.07.2023 — 1 sp. SMPS 4: 21.05.2024 — 5 sp., 11.06.2024 — 1 sp., 13.06.2023 — 2 sp., 07.07.2023 — 1 sp. SMPS 5: 12.06.2024 — 3 sp., 03.07.2024 — 1 sp. SMPS 6: 19.05.2024 — 3 sp., 09.06.2024 — 1 sp. SMPS 7: 20.05.2024 — 1 sp., 01.07.2024 — 1 sp., 22.07.2024 — 1 sp., 12.08.2024 — 1 sp., 02.09.2024 — 1 sp.

Genus *Atheta* Thomson, 1858

***Atheta crassicornis* (Fabricius, 1792) ***

References. Glotov *et al.*, 2022a; Glotov, Hushtan, Rizun, 2023.

Material. SMPS 1: 30.07.2023 — 1 sp. SMPS 3: 09.10.2023 — 1 sp. SMPS 5: 12.06.2024 — 1 sp. SMPS 6: 19.05.2024 — 1 sp.

***Atheta dadopora* C. G. Thomson, 1867 ***

Material. SMPS 4: 21.05.2024 — 1 sp., 23.07.2024 — 1 sp.

***Atheta fungicola* (C. G. Thomson, 1852)**

References. Motruk, Glotov, 2025a.

Material. SMPS 4: 21.05.2024 — 5 sp. SMPS 6: 30.06.2024 — 1 sp.

***Atheta hybrida* (Sharp, 1869) ***

Material. SMPS 1: 13.06.2023 — 1 sp. SMPS 4: 21.05.2024 — 24 sp., 11.06.2024 — 23 sp. SMPS 5: 22.05.2024 — 14 sp., 12.06.2024 — 10 sp. SMPS 6: 19.05.2024 — 45 sp., 09.06.2024 — 5 sp. SMPS 7: 20.05.2024 — 20 sp., 10.06.2024 — 4 sp.

***Atheta lativentris* J. Sahlberg, 1876 ***

Material. SMPS 5: 24.07.2024 — 1 sp.

***Atheta liliputana* (Brisout de Barneville, 1860) ***

Material. SMPS 6: 09.06.2024 — 1 sp.

***Atheta picipes* (C. G. Thomson, 1856) ***

Material. SMPS 4: 21.05.2024 — 1 sp.

***Atheta sodalis* (Erichson, 1837) ***

References. Glotov, Hushtan, Rizun, 2023.

Material. SMPS 3: 29.06.2023 — 2 sp. SMPS 5: 22.05.2024 — 5 sp., 12.06.2024 — 3 sp. SMPS 6: 19.05.2024 — 1 sp.

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

Material. SMPS 4: 21.05.2024 — 14 sp., 11.06.2024 — 12 sp., 23.07.2024 — 2 sp. SMPS 5: 22.05.2024 — 14 sp., 12.06.2024 — 6 sp., 24.07.2024 — 1 sp. SMPS 6: 19.05.2024 — 18 sp., 09.06.2024 — 27 sp., 30.06.2024 — 4 sp., 21.07.2024 — 2 sp. SMPS 7: 20.05.2024 — 25 sp., 10.06.2024 — 21 sp., 01.07.2024 — 2 sp., 22.07.2024 — 1 sp., 12.08.2024 — 1 sp.

Genus *Brundinia* Tottenham, 1949

***Brundinia meridionalis* (Mulsant et Rey, 1853) ***

Material. SMPS 2: 23.07.2023 — 1 sp.

Genus *Cyphea* Fauvel, 1863

***Cyphea curtula* (Erichson, 1837)**

References. Motruk, Glotov, 2025a.

Material. SMPS 4: 23.07.2024 — 1 sp. SMPS 6: 09.06.2024 — 2 sp. SMPS 7: 20.05.2024 — 1 sp.

Genus *Dadobia* Thomson, 1858

***Dadobia immersa* (Erichson, 1837) ***

Material. SMPS 6: 30.06.2024 — 1 sp.

Genus *Dinaraea* Thomson, 1858

***Dinaraea linearis* (Gravenhorst, 1802)**

References. Glotov, Hushtan, Rizun, 2023.

Material. SMPS 6: 21.07.2024 — 1 sp., 11.08.2024 — 1 sp.

Genus *Hydrosmeeta* Thomson, 1858

***Hydrosmeeta longula* (Heer, 1839) ***

Material. SMPS 5: 03.07.2024 — 1 sp.

Genus *Liogluta* Thomson, 1858

***Liogluta alpestris* (Heer, 1839) ***

Material. SMPS 2: 31.05.2023 — 1 sp.

***Liogluta granigera* (Kiesenwetter, 1850) ***

Material. SMPS 1: 08.07.2023 — 1 sp.

***Liogluta microptera* C. G. Thomson, 1867 ***

References. Motruk, Glotov, 2025a.

Material. SMPS 1: 20.05.2023 — 5 sp., 13.06.2023 — 2 sp., 08.07.2023 — 1 sp. SMPS 2: 29.06.2023 — 1 sp., 27.08.2023 — 2 sp. SMPS 4: 19.05.2023 — 2 sp., 21.05.2024 — 2 sp., 13.06.2023 — 3 sp. SMPS 5: 22.05.2024 — 24 sp., 12.06.2024 — 6 sp. SMPS 6: 19.05.2024 — 27 sp., 09.06.2024 — 3 sp. SMPS 7: 20.05.2024 — 1 sp.

Genus *Meotica* Mulsant et Rey, 1873

***Meotica exilis* (Gravenhorst, 1806) ***

Material. SMPS 4: 11.06.2024 — 1 sp. SMPS 5: 12.06.2024 — 1 sp. SMPS 6: 19.05.2024 — 2 sp.

Genus *Mocyta* Mulsant et Rey, 1874

***Mocyta fungi* (Gravenhorst, 1806)**

References. Glotov *et al.*, 2022b; Glotov, Hushtan, Rizun, 2023.

Material. SMPS 1: 20.05.2023 — 2 sp., 13.06.2023 — 3 sp., 08.07.2023 — 3 sp. SMPS 3: 09.10.2023 — 2 sp. SMPS 4: 21.05.2024 — 8 sp., 11.06.2024 — 1 sp., 13.06.2023 — 2 sp. SMPS 5: 12.06.2024 — 1 sp. SMPS 6: 19.05.2024 — 11 sp., 09.06.2024 — 31 sp.; 30.06.2024 — 2 sp. SMPS 7: 20.05.2024 — 8 sp., 10.06.2024 — 6 sp., 01.07.2024 — 2 sp.

Genus *Phloeopora* Erichson, 1837

***Phloeopora testacea* (Mannerheim, 1830) ***

Material. SMPS 7: 01.07.2024 — 1 sp.

Genus *Plataraea* Thomson, 1858

***Plataraea brunnea* (Fabricius, 1798)**

References. Glotov, Hushtan, Rizun, 2023.

Material. SMPS 1: 08.07.2023 — 4 sp. SMPS 2: 29.06.2023 — 1 sp. SMPS 3: 29.06.2023 — 3 sp. SMPS 4: 11.06.2024 — 15 sp., 07.07.2023 — 15 sp., 30.08.2023 — 1 sp. SMPS 5: 12.06.2024 — 1 sp., 03.07.2024 — 1 sp. SMPS 6: 09.06.2024 — 1 sp., 30.06.2024 — 1 sp. SMPS 7: 01.07.2024 — 27 sp., 22.07.2024 — 2 sp.

***Plataraea nigrifrons* (Erichson, 1839) ***

Material. SMPS 5: 14.08.2024 — 3 sp.

Genus *Pycnota* Mulsant et Rey, 1874

***Pycnota paradoxa* (Mulsant et Rey, 1861)**

Material. SMPS 4: 23.07.2024 — 1 sp.

Genus *Silusa* Erichson, 1837

***Silusa rubiginosa* Erichson, 1837 ***

Material. SMPS 6: 30.06.2024 — 2 sp.

Genus *Autalia* Leach, 1819

***Autalia puncticollis* Sharp, 1864**

References. Glotov, Hushtan, Rizun, 2023.

Material. SMPS 7: 20.05.2024 — 1 sp., 02.09.2024 — 1 sp.

Genus *Bolitochara* Mannerheim, 1830

***Bolitochara obliqua* Erichson, 1837**

References. Motruk, Glotov, 2025a.

Material. SMPS 2: 29.06.2023 — 1 sp. SMPS 4: 11.06.2024 — 3 sp. SMPS 7: 02.09.2024 — 1 sp.

***Bolitochara pulchra* (Gravenhorst, 1806)**

References. Motruk, Glotov, 2025a.

Material. SMPS 4: 21.05.2024 — 2 sp.

Genus *Euryusa* Erichson, 1837

***Euryusa castanoptera* Kraatz, 1856 ***

Material. SMPS 7: 01.07.2024 — 1 sp.

Genus *Brachida* Mulsant et Rey, 1871

***Brachida exigua* (Heer, 1839) ***

Material. SMPS 4: 23.07.2024 — 1 sp.

Genus *Gyrophana* Mannerheim, 1831

***Gyrophana affinis* Mannerheim, 1830**

References. Mateleshko *et al.*, 2009; Motruk, Glotov, 2025a.

Material. SMPS 1: 26.08.2023 — 1 sp., 08.10.2023 — 1 sp. SMPS 3: 29.06.2023 — 1 sp., 15.08.2023 — 1 sp. SMPS 4: 19.05.2023 — 1 sp., 11.06.2024 — 1 sp., 03.09.2024 — 4 sp. SMPS 5: 22.05.2024 — 2 sp., 24.07.2024 — 1 sp. SMPS 7: 01.07.2024 — 1 sp., 22.07.2024 — 3 sp., 12.08.2024 — 2 sp.

***Gyrophana boleti* (Linnaeus, 1758)**

References. Glotov, Hushtan, Rizun, 2023; Motruk, Glotov, 2025a.

Material. SMPS 4: 21.05.2024 — 2 sp., 11.06.2024 — 9 sp., 07.07.2023 — 1 sp., 23.07.2024 — 4 sp., 30.07.2023 — 6 sp. SMPS 5: 22.05.2024 — 4 sp., 12.06.2024 — 9 sp., 14.08.2024 — 1 sp. SMPS 6: 19.05.2024 — 22 sp., 09.06.2024 — 2 sp., 21.07.2024 — 1 sp. SMPS 7: 20.05.2024 — 9 sp., 10.06.2024 — 5 sp., 01.07.2024 — 1 sp., 22.07.2024 — 1 sp.

***Gyrophana gentilis* Erichson, 1839**

References. Mateleshko *et al.*, 2009; Motruk, Glotov, 2025a.

Material. SMPS 1: 20.05.2023 — 1 sp. SMPS 4: 19.05.2023 — 5 sp., 07.07.2023 — 5 sp. SMPS 5: 22.05.2024 — 3 sp. SMPS 6: 19.05.2024 — 2 sp. SMPS 7: 20.05.2024 — 3 sp.

***Gyrophana joyi* Wendeler, 1924 ***

Material. SMPS 4: 11.06.2024 — 1 sp.

***Gyrophana joyioides* Wüsthoff, 1937 ***

Material. SMPS 4: 23.07.2024 — 1 sp., 30.07.2023 — 2 sp. SMPS 5: 24.07.2024 — 1 sp., 14.08.2024 — 10 sp., 04.09.2024 — 3 sp.

***Gyrophana minima* Erichson, 1837 ***

Material. SMPS 5: 03.07.2024 — 1 sp., 14.08.2024 — 1 sp.

***Gyrophæna munsteri* A. Strand, 1935 ***

References. Motruk, Glotov, 2025b.

Material. SMPS 7: 10.06.2024 — 1 sp.

***Gyrophæna nana* (Paykull, 1800)**

References. Glotov, Hushtan, Rizun, 2023.

Material. SMPS 4: 23.07.2024 — 1 sp.

***Gyrophæna pulchella* Heer, 1839 ***

Material. SMPS 5: 24.07.2024 — 1 sp.

***Gyrophæna strictula* Erichson, 1839 ***

Material. SMPS 4: 11.06.2024 — 1 sp., 23.07.2024 — 1 sp., 13.08.2024 — 2 sp.

Genus *Encephalus* Stephens, 1832

***Encephalus complicans* Stephens, 1832 ***

Material. SMPS 4: 21.05.2024 — 1 sp., 30.07.2023 — 1 sp.

Genus *Leptusa* Kraatz, 1856

***Leptusa fumida* (Erichson, 1839)**

References. Motruk, Glotov, 2025a.

Material. SMPS 1: 13.06.2023 — 3 sp., 08.07.2023 — 2 sp. SMPS 2: 27.08.2023 — 1 sp. SMPS 4: 13.06.2023 — 4 sp., 07.07.2023 — 3 sp., 23.07.2024 — 2 sp., 30.07.2023 — 6 sp., 30.08.2023 — 1 sp. SMPS 5: 12.06.2024 — 4 sp. SMPS 6: 19.05.2024 — 2 sp., 30.06.2024 — 2 sp., 21.07.2024 — 6 sp., 11.08.2024 — 3 sp., 01.09.2024 — 1 sp. SMPS 7: 20.05.2024 — 8 sp., 10.06.2024 — 9 sp., 01.07.2024 — 4 sp., 22.07.2024 — 4 sp., 12.08.2024 — 7 sp., 02.09.2024 — 3 sp.

***Leptusa pulchella* (Mannerheim, 1830)**

References. Motruk, Glotov, 2025a.

Material. SMPS 1: 08.07.2023 — 1 sp., 26.08.2023 — 2 sp. SMPS 2: 31.05.2023 — 1 sp., 29.06.2023 — 5 sp., 23.07.2023 — 3 sp., 27.08.2023 — 1 sp. SMPS 3: 29.06.2023 — 10 sp., 22.07.2023 — 4 sp., 15.08.2023 — 4 sp., 09.10.2023 — 8 sp. SMPS 4: 21.05.2024 — 5 sp., 11.06.2024 — 33 sp., 13.06.2023 — 2 sp., 07.07.2023 — 4 sp., 23.07.2024 — 26 sp., 30.07.2023 — 2 sp., 13.08.2024 — 4 sp., 30.08.2023 — 2 sp., 03.09.2024 — 3 sp. SMPS 5: 22.05.2024 — 5 sp., 12.06.2024 — 8 sp., 03.07.2024 — 9 sp., 24.07.2024 — 4 sp., 14.08.2024 — 4 sp. SMPS 6: 19.05.2024 — 31 sp., 09.06.2024 — 22 sp., 30.06.2024 — 6 sp., 21.07.2024 — 3 sp., 11.08.2024 — 5 sp., 01.09.2024 — 1 sp. SMPS 7: 20.05.2024 — 13 sp., 10.06.2024 — 26 sp., 01.07.2024 — 19 sp., 22.07.2024 — 13 sp., 12.08.2024 — 19 sp., 02.09.2024 — 3 sp.

***Leptusa ruficollis* (Erichson, 1839) ***

References. Motruk, Glotov, 2025a.

Material. SMPS 4: 11.06.2024 — 5 sp., 23.07.2024 — 1 sp., 13.08.2024 — 1 sp. SMPS 5: 03.07.2024 — 4 sp., 24.07.2024 — 4 sp., 14.08.2024 — 1 sp. SMPS 6: 19.05.2024 — 1 sp. SMPS 7: 10.06.2024 — 2 sp.

Genus *Oligota* Mannerheim, 1830

***Oligota pumilio* Kiesenwetter, 1858 ***

Material. SMPS 1: 13.06.2023 — 1 sp., 08.07.2023 — 1 sp. SMPS 5: 12.06.2024 — 1 sp. SMPS 6: 19.05.2024 — 5 sp., 09.06.2024 — 4 sp., 30.06.2024 — 2 sp. SMPS 7: 20.05.2024 — 2 sp., 10.06.2024 — 3 sp.

***Oligota pusillima* (Gravenhorst, 1806)**

References. Motruk, Glotov, 2025a.

Material. SMPS 4: 21.05.2024 — 1 sp. SMPS 6: 30.06.2024 — 1 sp.

Genus *Alevonota* Thomson, 1858

***Alevonota hepatica* (Erichson, 1839)**

References. Mateleshko *et al.*, 2009: *Enalodroma*; Glotov, Hushtan, Rizun, 2023.

Material. SMPS 1: 20.05.2023 — 1 sp., 13.06.2023 — 1 sp., 08.07.2023 — 1 sp., 30.07.2023 — 1 sp., 26.08.2023 — 1 sp. SMPS 2: 31.05.2023 — 4 sp., 29.06.2023 — 2 sp. SMPS 3: 22.07.2023 — 1 sp., 09.10.2023 — 6 sp. SMPS 4: 19.05.2023 — 7 sp., 21.05.2024 — 59 sp., 11.06.2024 — 8 sp., 13.06.2023 — 1 sp., 13.08.2024 — 1 sp., 30.08.2023 — 1 sp. SMPS 5: 22.05.2024 — 8 sp., 12.06.2024 — 1 sp. SMPS 5: 19.05.2024 — 95 sp., 09.06.2024 — 19 sp., 30.06.2024 — 1 sp. SMPS 7: 20.05.2024 — 121 sp., 10.06.2024 — 36 sp.

***Alevonota rufotestacea* Kraatz, 1856 ***

Material. SMPS 1: 13.06.2023 — 1 sp., 30.07.2023 — 1 sp., 08.10.2023 — 1 sp. SMPS 4: 21.05.2024 — 2 sp., 13.06.2023 — 2 sp., 07.07.2023 — 2 sp. SMPS 5: 22.05.2024 — 2 sp., 12.06.2024 — 1 sp., 03.07.2024 — 1 sp. SMPS 6: 19.05.2024 — 3 sp. SMPS 7: 01.07.2024 — 2 sp.

Genus *Anomognathus* Solier, 1849

***Anomognathus cuspidatus* (Erichson, 1839)**

References. Mateleshko *et al.*, 2009; Motruk, Glotov, 2025a.

Material. SMPS 3: 29.06.2023 — 1 sp. SMPS 4: 11.06.2024 — 11 sp., 13.06.2023 — 3 sp., 23.07.2024 — 3 sp. SMPS 5: 03.07.2024 — 1 sp. SMPS 6: 19.05.2024 — 2 sp., 09.06.2024 — 2 sp., 30.06.2024 — 3 sp., 21.07.2024 — 1 sp. SMPS 7: 20.05.2024 — 8 sp., 10.06.2024 — 3 sp., 01.07.2024 — 2 sp.

Genus *Geostiba* Thomson, 1858

***Geostiba circellaris* (Gravenhorst, 1806)**

References. Glotov, Hushtan, Rizun, 2023.

Material. SMPS 1: 30.07.2023 — 1 sp. SMPS 5: 22.05.2024 — 2 sp. SMPS 6: 19.05.2024 — 2 sp.

Genus *Pella* Stephens, 1835

***Pella limbata* (Paykull, 1789)**

References. Motruk, Glotov, 2025a.

Material. SMPS 2: 31.05.2023 — 9 sp., 27.08.2023 — 1 sp. SMPS 3: 29.06.2023 — 11 sp., 22.07.2023 — 3 sp., 09.10.2023 — 145 sp. SMPS 4: 21.05.2024 — 4 sp., 11.06.2024 — 1 sp. SMPS 5: 22.05.2024 — 4 sp., 12.06.2024 — 1 sp.

Genus *Myllaena* Erichson, 1837

***Myllaena intermedia* Erichson, 1837 ***

Material. SMPS 4: 21.05.2024 — 1 sp. SMPS 6: 09.06.2024 — 2 sp.

Genus *Ischnoglossa* Kraatz, 1856

***Ischnoglossa prolixa* (Gravenhorst, 1802)**

References. Glotov, Hushtan, Rizun, 2023; Motruk, Glotov, 2025a.

Material. SMPS 1: 20.05.2023 — 1 sp., 08.07.2023 — 2 sp. SMPS 2: 29.06.2023 — 1 sp. SMPS 4: 19.05.2023 — 1 sp., 13.06.2023 — 1 sp., 07.07.2023 — 2 sp. SMPS 6: 19.05.2024 — 3 sp., 09.06.2024 — 4 sp. SMPS 7: 20.05.2024 — 1 sp., 01.07.2024 — 2 sp.

Genus *Haploglossa* Kraatz, 1856

***Haploglossa villosula* (Stephens, 1832)**

References. Motruk, Glotov, 2025a.

Material. SMPS 1: 20.05.2023 — 2 sp., 13.06.2023 — 1 sp., 08.07.2023 — 1 sp. SMPS 3: 09.10.2023 — 2 sp. SMPS 4: 21.05.2024 — 4 sp., 11.06.2024 — 7 sp., 13.06.2023 — 1 sp., 07.07.2023 — 2 sp., 30.08.2023 — 1 sp., 03.09.2024 — 1 sp., 09.10.2023 — 1 sp. SMPS 5: 22.05.2024 — 2 sp., 12.06.2024 — 4 sp. SMPS 6: 19.05.2024 — 19 sp., 09.06.2024 — 21 sp., 30.06.2024 — 3 sp., 11.08.2024 — 1 sp. SMPS 7: 20.05.2024 — 10 sp., 10.06.2024 — 6 sp., 01.07.2024 — 5 sp., 22.07.2024 — 2 sp.

Genus *Ilyobates* Kraatz, 1856

***Ilyobates nigricollis* (Paykull, 1800) ***

Material. SMPS 4: 11.06.2024 — 1 sp.

Genus *Ocalea* Erichson, 1837

***Ocalea concolor* Kiesenwetter, 1847 ***

Material. SMPS 3: 29.06.2023 — 1 sp. SMPS 4: 21.05.2024 — 5 sp.

Genus *Oxypoda* Mannerheim, 1830

***Oxypoda alternans* (Gravenhorst, 1802)**

References. Glotov, Hushtan, Rizun, 2023; Motruk, Glotov, 2025a.

Material. SMPS 1: 13.06.2023 — 1 sp. SMPS 4: 11.06.2024 — 12 sp. SMPS 5: 12.06.2024 — 14 sp. SMPS 6: 19.05.2024 — 8 sp., 09.06.2024 — 5 sp., 30.06.2024 — 1 sp. SMPS 7: 20.05.2024 — 1 sp., 10.06.2024 — 6 sp., 01.07.2024 — 6 sp., 22.07.2024 — 2 sp., 12.08.2024 — 1 sp.

***Oxypoda longipes* Mulsant et Rey, 1861 ***

Material. SMPS 5: 22.05.2024 — 7 sp.

***Oxypoda togata* Erichson, 1837 ***

Material. SMPS 4: 21.05.2024 — 1 sp. SMPS 5: 12.06.2024 — 4 sp. SMPS 6: 30.06.2024 — 1 sp., 21.07.2024 — 2 sp. SMPS 7: 01.07.2024 — 1 sp.

Genus *Placusa* Erichson, 1837

***Placusa atrata* (Mannerheim, 1830) ***

Material. SMPS 5: 14.08.2024 — 1 sp.

***Placusa complanata* Erichson, 1839 ***

Material. SMPS 6: 19.05.2024 — 7 sp., 09.06.2024 — 3 sp.

***Placusa tachyporoides* (Waltl, 1838)**

References. Motruk, Glotov, 2025a.

Material. SMPS 4: 19.05.2023 — 1 sp., 13.06.2023 — 16 sp., 07.07.2023 — 4 sp.

Subfamily MYCETOPORINAE Thomson, 1859

Genus *Bobitobus* Tottenham, 1939

***Bobitobus lunulatus* (Linnaeus, 1767)**

References. Chumak *et al.*, 2006: *Lordithon*; Mateleshko *et al.*, 2009: *Lordithon*.

Material. SMPS 1: 13.06.2023 — 1 sp., 08.07.2023 — 1 sp. SMPS 2: 31.05.2023 — 1 sp., 29.06.2023 — 2 sp., 27.08.2023 — 1 sp. SMPS 4: 21.05.2024 — 7 sp., 11.06.2024 — 4 sp., 30.08.2023 — 1 sp. SMPS 5: 22.05.2024 — 1 sp., 12.06.2024 — 1 sp., 04.09.2024 — 1 sp. SMPS 6: 19.05.2024 — 1 sp., 09.06.2024 — 1 sp. SMPS 7: 20.05.2024 — 8 sp., 10.06.2024 — 2 sp., 01.07.2024 — 1 sp., 22.07.2024 — 1 sp.

Genus *Bolitobius* Leach, 1819

***Bolitobius castaneus* (Stephens, 1832) ***

Material. SMPS 4: 11.06.2024 — 1 sp. SMPS 6: 19.05.2024 — 20 sp., 09.06.2024 — 3 sp. SMPS 7: 12.08.2024 — 1 sp.

Genus *Lordithon* Thomson, 1859

***Lordithon exoletus* (Erichson, 1839)**

References. Mateleshko *et al.*, 2009.

Material. SMPS 4: 11.06.2024 — 2 sp.

***Lordithon speciosus* (Erichson, 1839)**

References. Mateleshko *et al.*, 2009.

Material. SMPS 1: 26.08.2023 — 1 sp. SMPS 3: 09.10.2023 — 1 sp. SMPS 4: 21.05.2024 — 1 sp., 11.06.2024 — 1 sp. SMPS 5: 04.09.2024 — 1 sp.

***Lordithon thoracicus* (Fabricius, 1777) ***

Material. SMPS 5: 22.05.2024 — 1 sp. SMPS 7: 20.05.2024 — 2 sp., 01.07.2024 — 1 sp.

***Lordithon trimaculatus* (Fabricius, 1792)**

References. Chumak *et al.*, 2006; Mateleshko *et al.*, 2009.

Material. SMPS 5: 22.05.2024 — 1 sp.

***Lordithon trinotatus* (Erichson, 1839)**

References. Mateleshko *et al.*, 2009.

Material. SMPS 1: 26.08.2023 — 2 sp. SMPS 2: 27.08.2023 — 1 sp. SMPS 3: 09.10.2023 — 2 sp. SMPS 4: 19.05.2023 — 1 sp., 21.05.2024 — 5 sp., 30.08.2023 — 1 sp. SMPS 5: 04.09.2024 — 1 sp. SMPS 6: 19.05.2024 — 1 sp.

Genus *Mycetoporus* Mannerheim, 1830

***Mycetoporus longulus* Mannerheim, 1830 ***

Material. SMPS 1: 13.06.2023 — 1 sp., 08.07.2023 — 4 sp., 30.07.2023 — 1 sp., 26.08.2023 — 1 sp. SMPS 2: 31.05.2023 — 2 sp., 23.07.2023 — 3 sp. SMPS 3: 29.06.2023 — 1 sp., 22.07.2023 — 4 sp., 09.10.2023 — 1 sp. SMPS 4: 21.05.2024 — 1 sp., 13.06.2023 — 2 sp., 07.07.2023 — 1 sp., 23.07.2024 — 1 sp., 30.07.2023 — 2 sp. SMPS 5: 22.05.2024 — 1 sp., 03.07.2024 — 1 sp.

SMPS 6: 09.06.2024 — 7 sp., 21.07.2024 — 7 sp., 11.08.2024 — 1 sp., 01.09.2024 — 1 sp. SMPS 7: 20.05.2024 — 4 sp., 10.06.2024 — 3 sp., 01.07.2024 — 1 sp., 22.07.2024 — 8 sp.

***Mycetoporus niger* Fairmaire et Laboulbène, 1856 ***

Material. SMPS 1: 13.06.2023 — 3 sp., 26.08.2023 — 1 sp. SMPS 2: 31.05.2023 — 3 sp. SMPS 3: 22.07.2023 — 1 sp., 09.10.2023 — 1 sp. SMPS 4: 21.05.2024 — 5 sp., 11.06.2024 — 27 sp., 13.06.2023 — 1 sp., 07.07.2023 — 3 sp., 23.07.2024 — 1 sp., 30.07.2023 — 1 sp. SMPS 5: 22.05.2024 — 4 sp., 12.06.2024 — 5 sp. SMPS 6: 19.05.2024 — 27 sp., 09.06.2024 — 10 sp. SMPS 7: 20.05.2024 — 16 sp., 10.06.2024 — 7 sp.

***Mycetoporus punctus* (Gravenhorst, 1806) ***

Material. SMPS 4: 11.06.2024 — 1 sp.

***Mycetoporus rufescens* (Stephens, 1832) ***

Material. SMPS 1: 13.06.2023 — 1 sp., 08.07.2023 — 1 sp. SMPS 2: 31.05.2023 — 2 sp., 29.06.2023 — 2 sp. SMPS 3: 29.06.2023 — 1 sp., 22.07.2023 — 1 sp., 09.10.2023 — 2 sp.

Genus *Parabolitobius* Li, Li-Zhen, Mei-Jun Zhao et Sakai, 2000

***Parabolitobius formosus* (Gravenhorst, 1806) ***

Material. SMPS 6: 19.05.2024 — 9 sp., 09.06.2024 — 1 sp., 30.06.2024 — 3 sp. SMPS 7: 20.05.2024 — 2 sp., 10.06.2024 — 2 sp.

***Parabolitobius inclinans* (Gravenhorst, 1806)**

References. Mateleshko *et al.*, 2009: *Bryocharis*.

Material. SMPS 6: 19.05.2024 — 1 sp.

Subfamily OLISTHAERINAE Thomson, 1858

Genus *Olisthaerus* Dejean, 1833

***Olisthaerus substriatus* (Paykull, 1790) ***

Material. SMPS 1: 08.07.2023 — 1 sp.

Subfamily OMALIINAE MacLeay, 1825

Genus *Amphichroum* Kraatz, 1857

***Amphichroum canaliculatum* (Erichson, 1840)**

References. Chumak *et al.*, 2006; Mateleshko *et al.*, 2009.

Material. SMPS 4: 21.05.2024 — 22 sp., 11.06.2024 — 2 sp., 13.06.2023 — 1 sp. SMPS 5: 22.05.2024 — 5 sp. SMPS 6: 19.05.2024 — 2 sp., 09.06.2024 — 3 sp. SMPS 7: 20.05.2024 — 24 sp., 10.06.2024 — 12 sp.

Genus *Anthobium* Leach, 1819

***Anthobium atrocephalum* (Gyllenhal, 1827)**

References. Mateleshko *et al.*, 2009: *Lathrimaeum*.

Material. SMPS 4: 21.05.2024 — 10 sp., 11.06.2024 — 1 sp. SMPS 7: 20.05.2024 — 12 sp.

Genus *Arpedium* Erichson, 1839

***Arpedium quadrum* (Gravenhorst, 1806) ***

Material. SMPS 4: 21.05.2024 — 1 sp.

Genus *Dropephylla* Mulsant et Rey, 1880

***Dropephylla ioptera* (Stephens, 1834) ***

Material. SMPS 4: 11.06.2024 — 1 sp., 23.07.2024 — 1 sp., 13.08.2024 — 1 sp. SMPS 7: 20.05.2024 — 1 sp., 10.06.2024 — 1 sp.

Genus *Lesteva* Latreille, 1797

***Lesteva longoelytrata* Goeze, 1777 ***

References. Mateleshko *et al.*, 2009.

Material. SMPS 1: 20.05.2023 — 1 sp., 30.07.2023 — 1 sp. SMPS 3: 09.10.2023 — 1 sp. SMPS 4: 19.05.2023 — 1 sp., 21.05.2024 — 7 sp. SMPS 5: 22.05.2024 — 1 sp., 12.06.2024 — 1 sp. SMPS 6: 19.05.2024 — 3 sp. SMPS 7: 20.05.2024 — 6 sp.

***Lesteva monticola* Kiesenwetter, 1847 ***

Material. SMPS 3: 09.10.2023 — 1 sp.

Genus *Eusphalerum* Kraatz, 1857

***Eusphalerum sorbi* (Gyllenhal, 1810) ***

Material. SMPS 1: 20.05.2023 — 15 sp., 13.06.2023 — 6 sp. SMPS 2: 31.05.2023 — 5 sp., 29.06.2023 — 1 sp. SMPS 3: 09.10.2023 — 1 sp. SMPS 4: 13.06.2023 — 5 sp. SMPS 6: 19.05.2024 — 3 sp., 09.06.2024 — 1 sp. SMPS 7: 20.05.2024 — 6 sp., 10.06.2024 — 1 sp.

Genus *Acrulia* Thomson, 1858

***Acrulia inflata* (Gyllenhal, 1813)**

References. Chumak *et al.*, 2006; Mateleshko *et al.*, 2009.

Material. SMPS 1: 08.07.2023 — 1 sp., 08.10.2023 — 1 sp. SMPS 3: 22.07.2023 — 1 sp. SMPS 4: 11.06.2024 — 2 sp., 13.06.2023 — 1 sp., 30.07.2023 — 1 sp., 03.09.2024 — 1 sp. SMPS 6: 30.06.2024 — 1 sp., 21.07.2024 — 1 sp., 11.08.2024 — 2 sp. SMPS 7: 10.06.2024 — 1 sp.

Genus *Hapalaraea* Thomson, 1858

***Hapalaraea pygmaea* (Paykull, 1800) ***

Material. SMPS 3: 09.10.2023 — 1 sp.

Genus *Omalium* Gravenhorst, 1802

***Omalium rivulare* (Paykull, 1789)**

References. Chumak *et al.*, 2006; Mateleshko *et al.*, 2009.

Material. SMPS 3: 09.10.2023 — 1 sp. SMPS 4: 19.05.2023 — 2 sp., 21.05.2024 — 6 sp., 07.07.2023 — 1 sp. SMPS 5: 12.06.2024 — 1 sp. SMPS 7: 20.05.2024 — 4 sp.

Genus *Phloeonomus* Heer, 1839

***Phloeonomus punctipennis* C. G. Thomson, 1867 ***

Material. SMPS 1: 30.07.2023 — 1 sp., 08.10.2023 — 2 sp. SMPS 3: 29.06.2023 — 1 sp., 22.07.2023 — 1 sp. SMPS 4: 21.05.2024 — 5 sp., 11.06.2024 — 1 sp. SMPS 5: 12.06.2024 — 2 sp. SMPS 6: 19.05.2024 — 2 sp., 01.09.2024 — 1 sp. SMPS 7: 20.05.2024 — 2 sp., 02.09.2024 — 3 sp.

***Phloeonomus pusillus* (Gravenhorst, 1806) ***

Material. SMPS 1: 13.06.2023 — 1 sp., 08.07.2023 — 6 sp. SMPS 2: 31.05.2023 — 2 sp. SMPS 4: 09.05.2023 — 1 sp., 19.05.2023 — 7 sp., 07.07.2023 — 8 sp., 30.07.2023 — 5 sp., 30.08.2023 — 4 sp.

Genus *Phloeostiba* Thomson, 1858

***Phloeostiba plana* (Paykull, 1792)**

References. Chumak *et al.*, 2006; *Phloeonomus*, Mateleshko *et al.*, 2009.

Material. SMPS 1: 13.06.2023 — 1 sp. SMPS 2: 31.05.2023 — 4 sp., 08.10.2023 — 1 sp. SMPS 3: 09.10.2023 — 5 sp. SMPS 4: 13.06.2023 — 2 sp., 07.07.2023 — 1 sp. SMPS 5: 12.06.2024 — 1 sp.

Subfamily OXYPORINAE Fleming, 1821

Genus *Oxyporus* Fabricius, 1775

***Oxyporus maxillosus* Fabricius, 1792**

References. Mateleshko *et al.*, 2009.

Material. SMPS 3: 29.06.2023 — 1 sp. SMPS 5: 24.07.2024 — 1 sp.

Subfamily OXYTELINAE Fleming, 1821

Genus *Carpelimus* Leach, 1819

***Carpelimus subtilis* (Erichson, 1839) ***

Material. SMPS 6: 19.05.2024 — 2 sp.

Genus *Coprophilus* Latreille, 1829

***Coprophilus striatulus* (Fabricius, 1792)**

References. Mateleshko *et al.*, 2009: *Elonium*.

Material. SMPS 7: 20.05.2024 — 1 sp.

Genus *Anotylus* Thomson, 1859

***Anotylus mutator* (Lohse, 1963) ***

Material. SMPS 1: 13.06.2023 — 1 sp. SMPS 3: 15.08.2023 — 1 sp. SMPS 4: 19.05.2023 — 1 sp., 21.05.2024 — 2 sp.
SMPS 5: 22.05.2024 — 1 sp. SMPS 6: 19.05.2024 — 4 sp., 09.06.2024 — 2 sp. SMPS 7: 20.05.2024 — 1 sp.

***Anotylus rugosus* (Fabricius, 1775) ***

Material. SMPS 6: 19.05.2024 — 1 sp.

***Anotylus tetracarlinatus* (Block, 1799)**

References. Chumak *et al.*, 2006, Mateleshko *et al.*, 2009.

Material. SMPS 4: 09.05.2023 — 1 sp. SMPS 4: 19.05.2023 — 1 sp.

Genus *Oxytelus* Gravenhorst, 1802

***Oxytelus piceus* (Linnaeus, 1767) ***

Material. SMPS 5: 03.07.2024 — 1 sp.

Genus *Platystethus* Mannerheim, 1830

***Platystethus arenarius* (Geoffroy, 1785) ***

Material. SMPS 5: 22.05.2024 — 1 sp.

Genus *Syntomium* Curtis, 1828

***Syntomium aeneum* (P. W. J. Müller, 1821)**

References. Mateleshko *et al.*, 2009.

Material. SMPS 1: 08.07.2023 — 2 sp., 30.07.2023 — 1 sp., 26.08.2023 — 2 sp., 08.10.2023 — 16 sp. SMPS 2:
23.07.2023 — 3 sp. SMPS 3: 22.07.2023 — 18 sp., 15.08.2023 — 16 sp. SMPS 4: 11.06.2024 — 4 sp., 07.07.2023 — 2 sp., 23.07.2024 —
6 sp., 30.07.2023 — 3 sp., 13.08.2024 — 2 sp., 30.08.2023 — 1 sp., 03.09.2024 — 1 sp. SMPS 5: 03.07.2024 — 2 sp., 24.07.2024 — 1 sp.,
14.08.2024 — 1 sp., 04.09.2024 — 1 sp. SMPS 6: 30.06.2024 — 5 sp., 21.07.2024 — 9 sp., 01.09.2024 — 1 sp. SMPS 7: 22.07.2024 —
1 sp.

Subfamily PAEDERINAE Fleming, 1821

Genus *Lathrobium* Glavenhorst, 1802

***Lathrobium* sp. ***

Material. SMPS 2: 31.05.2023 — 1 sp., 08.10.2023 — 1 sp.

Genus *Rugilus* Samouelle, 1819

***Rugilus rufipes* Germar, 1836 ***

Material. SMPS 4: 21.05.2024 — 1 sp., 11.06.2024 — 3 sp. SMPS 5: 12.06.2024 — 1 sp. SMPS 6: 19.05.2024 — 6 sp.,
09.06.2024 — 6 sp. SMPS 7: 01.07.2024 — 1 sp.

Genus *Scopaeus* Erichson, 1839

***Scopaeus* sp. ***

Material. SMPS 6: 21.07.2024 — 1 sp.

Subfamily PHLOEOCHARINAE Erichson, 1839

Genus *Phloeocharis* Mannerheim, 1830

***Phloeocharis subtilissima* Mannerheim, 1830**

References. Mateleshko *et al.*, 2009.

Material. SMPS 2: 31.05.2023 — 2 sp. SMPS 4: 30.08.2023 — 1 sp.

Subfamily PROTEININAE Erichson, 1839

Genus *Megarathrus* Curtis, 1829

***Megarathrus depressus* (Paykull, 1789) ***

Material. SMPS 1: 20.05.2023 — 1 sp. SMPS 4: 19.05.2023 — 1 sp., 21.05.2024 — 1 sp., 13.06.2023 — 2 sp., 30.07.2023 — 1 sp. SMPS 5: 22.05.2024 — 2 sp., 04.09.2024 — 1 sp. SMPS 7: 20.05.2024 — 1 sp.

***Megarathrus hemipterus* (Illiger, 1794)**

References. Mateleshko *et al.*, 2009.

Material. SMPS 1: 30.07.2023 — 1 sp. SMPS 5: 14.08.2024 — 1 sp.

Genus *Proteinus* Latreille, 1796

***Proteinus brachypterus* (Fabricius, 1792)**

References. Mateleshko *et al.*, 2009.

Material. SMPS 1: 13.06.2023 — 1 sp., 08.10.2023 — 1 sp. SMPS 3: 09.10.2023 — 1 sp. SMPS 4: 19.05.2023 — 1 sp., 21.05.2024 — 2 sp., 30.08.2023 — 1 sp. SMPS 5: 22.05.2024 — 1 sp. SMPS 6: 09.06.2024 — 1 sp. SMPS 7: 20.05.2024 — 6 sp., 10.06.2024 — 1 sp., 02.09.2024 — 1 sp.

Subfamily PSELAPHINAE Latreille, 1802

Genus *Batrisodes* Reitter, 1882

***Batrisodes venustus* (Reichenbach, 1816) ***

Material. SMPS 3: 22.07.2023 — 1 sp. SMPS 4: 07.07.2023 — 2 sp.

Genus *Euplectus* Leach, 1817

***Euplectus bonvouloiri narentinus* Reitter, 1882 ***

Material. SMPS 4: 07.07.2023 — 1 sp.

***Euplectus brunneus* (Grimmer, 1841) ***

References. Mateleshko *et al.*, 2009.

Material. SMPS 1: 08.07.2023 — 1 sp. SMPS 4: 09.05.2023 — 1 sp., 07.07.2023 — 2 sp.

***Euplectus duponti* Aubé, 1833 ***

Material. SMPS 2: 31.05.2023 — 1 sp. SMPS 4: 07.07.2023 — 2 sp., 30.07.2023 — 2 sp.

***Euplectus infirmus* Raffray, 1910 ***

Material. SMPS 1: 30.07.2023 — 1 sp. SMPS 3: 15.08.2023 — 1 sp. SMPS 4: 21.05.2024 — 1 sp., 11.06.2024 — 2 sp., 30.07.2023 — 1 sp. SMPS 5: 03.07.2024 — 4 sp., 24.07.2024 — 1 sp. SMPS 6: 30.06.2024 — 1 sp.

***Euplectus karstenii* (Reichenbach, 1816) ***

Material. SMPS 4: 07.07.2023 — 1 sp.

***Euplectus mutator* Fauvel, 1895 ***

Material. SMPS 3: 29.06.2023 — 1 sp. SMPS 4: 07.07.2023 — 2 sp.

***Euplectus piceus* Motschulsky, 1835 ***

Material. SMPS 1: 13.06.2023 — 1 sp., 08.07.2023 — 1 sp. SMPS 2: 31.05.2023 — 1 sp. SMPS 4: 19.05.2023 — 2 sp., 21.05.2024 — 3 sp., 11.06.2024 — 5 sp., 13.06.2023 — 2 sp., 07.07.2023 — 3 sp., 23.07.2024 — 8 sp. SMPS 5: 22.05.2024 — 1 sp., 12.06.2024 — 14 sp., 03.07.2024 — 2 sp. SMPS 6: 19.05.2024 — 3 sp., 09.06.2024 — 11 sp., 30.06.2024 — 27 sp., 21.07.2024 — 17 sp. SMPS 7: 01.07.2024 — 4 sp., 22.07.2024 — 3 sp.

***Euplectus signatus* (Reichenbach, 1816) ***

Material. SMPS 1: 13.06.2023 — 1 sp., 08.07.2023 — 2 sp., 26.08.2023 — 2 sp., 08.10.2023 — 3 sp. SMPS 3: 09.10.2023 — 1 sp. SMPS 4: 11.06.2024 — 7 sp., 23.07.2024 — 2 sp., 30.07.2023 — 1 sp., 13.08.2024 — 1 sp. SMPS 5: 12.06.2024 — 6 sp., 03.07.2024 — 2 sp. SMPS 6: 09.06.2024 — 14 sp., 30.06.2024 — 3 sp., 11.08.2024 — 1 sp., 01.09.2024 — 2 sp. SMPS 7: 20.05.2024 — 1 sp.

Genus *Bibloporus* Thomson, 1859

***Bibloporus bicolor* (Denny, 1825)**

References. Mateleshko *et al.*, 2009.

Material. SMPS 1: 20.05.2023 — 1 sp. SMPS 2: 23.07.2023 — 2 sp.

***Bibloporus mayeti* Guillebeau, 1888 ***

Material. SMPS 1: 13.06.2023 — 1 sp.

***Bibloporus minutus* Raffray, 1915**

References. Chumak *et al.*, 2006.

Material. SMPS 1: 20.05.2023 — 13 sp., 13.06.2023 — 19 sp., 08.07.2023 — 30 sp., 30.07.2023 — 3 sp., 26.08.2023 — 6 sp., 08.10.2023 — 2 sp. SMPS 3: 29.06.2023 — 3 sp., 15.08.2023 — 3 sp., 09.10.2023 — 5 sp. SMPS 4: 09.05.2023 — 1 sp., 19.05.2023 — 16 sp., 21.05.2024 — 32 sp., 11.06.2024 — 86 sp., 13.06.2023 — 3 sp., 07.07.2023 — 26 sp., 23.07.2024 — 9 sp., 30.07.2023 — 8 sp., 30.08.2023 — 5 sp., 03.09.2024 — 3 sp. SMPS 5: 22.05.2024 — 21 sp., 12.06.2024 — 58 sp., 03.07.2024 — 8 sp., 24.07.2024 — 4 sp., 14.08.2024 — 1 sp. SMPS 6: 19.05.2024 — 69 sp., 09.06.2024 — 166 sp., 30.06.2024 — 69 sp., 21.07.2024 — 23 sp., 11.08.2024 — 6 sp., 01.09.2024 — 4 sp. SMPS 7: 20.05.2024 — 45 sp., 10.06.2024 — 109 sp., 01.07.2024 — 38 sp., 22.07.2024 — 7 sp., 12.08.2024 — 5 sp., 02.09.2024 — 6 sp.

Genus *Bibloplectus* Reitter, 1882

***Bibloplectus tenebrosus* (Reitter, 1881) ***

Material. SMPS 4: 21.05.2024 — 1 sp., 11.06.2024 — 16 sp.

Genus *Trimium* Aubé, 1833

***Trimium carpathicum* Saulcy, 1875**

References. Mateleshko *et al.*, 2009.

Material. SMPS 4: 21.05.2024 — 8 sp., 11.06.2024 — 170 sp., 07.07.2023 — 9 sp., 23.07.2024 — 18 sp., 13.08.2024 — 2 sp., 03.09.2024 — 1 sp. SMPS 5: 12.06.2024 — 20 sp., 03.07.2024 — 13 sp., 24.07.2024 — 3 sp., 04.09.2024 — 2 sp. SMPS 6: 19.05.2024 — 1 sp., 30.06.2024 — 5 sp.

Genus *Plectophloeus* Reitter, 1891

***Plectophloeus fischeri* (Aubé, 1833) ***

Material. SMPS 4: 07.07.2023 — 1 sp., 30.08.2023 — 1 sp.

***Plectophloeus nitidus* (Fairmaire, 1858) ***

Material. SMPS 4: 11.06.2024 — 8 sp. SMPS 5: 03.07.2024 — 1 sp.

***Plectophloeus nubigena* (Reitter, 1877) ***

Material. SMPS 4: 07.07.2023 — 3 sp.

Genus *Brachygluta* Thomson, 1859

***Brachygluta trigonoprocta* (Ganglbauer, 1895) ***

Material. SMPS 3: 15.08.2023 — 1 sp.

Genus *Bryaxis* Kugelann, 1794

***Bryaxis frivaldszkyi* (Reitter, 1887)**

References. Chumak *et al.*, 2006; *slovenicus* Machulka, Mateleshko *et al.*, 2009.

Material. SMPS 1: 08.07.2023 — 3 sp. SMPS 2: 27.08.2023 — 1 sp. SMPS 3: 15.08.2023 — 2 sp. SMPS 4: 11.06.2024 — 12 sp., 07.07.2023 — 1 sp., 23.07.2024 — 1 sp., 30.08.2023 — 1 sp. SMPS 5: 12.06.2024 — 4 sp., 03.07.2024 — 1 sp., 24.07.2024 — 1 sp. SMPS 6: 19.05.2024 — 1 sp., 09.06.2024 — 2 sp., 30.06.2024 — 1 sp., 21.07.2024 — 1 sp., 11.08.2024 — 1 sp., 01.09.2024 — 2 sp. SMPS 7: 10.06.2024 — 1 sp.

***Bryaxis nigripennis* (Aubé, 1844)**

References. Chumak *et al.*, 2006, Mateleshko *et al.*, 2009.

Material. SMPS 1: 08.07.2023 — 1 sp. SMPS 4: 21.05.2024 — 2 sp., 11.06.2024 — 5 sp., 23.07.2024 — 2 sp., 13.08.2024 — 1 sp. SMPS 5: 12.06.2024 — 1 sp.

Subfamily SCAPHIDIINAE Latreille, 1806

Genus *Scaphidium* Olivier, 1790

***Scaphidium quadrimaculatum* G.-A. Olivier, 1790 ***

Material. SMPS 1: 30.07.2023 — 1 sp. SMPS 2: 29.06.2023 — 1 sp. SMPS 3: 09.06.2023 — 1 sp., 29.06.2023 — 5 sp. SMPS 4: 07.07.2023 — 1 sp., 11.06.2024 — 1 sp. SMPS 5: 03.07.2024 — 6 sp. SMPS 6: 09.06.2024 — 2 sp.

Genus *Scaphisoma* Leach, 1815

***Scaphisoma agaricinum* (Linnaeus, 1758) ***

Material. SMPS 6: 19.05.2024 — 2 sp., 09.06.2024 — 2 sp. SMPS 7: 20.05.2024 — 3 sp., 10.06.2024 — 1 sp.

***Scaphisoma assimile* Erichson, 1845 ***

Material. SMPS 4: 21.05.2024 — 2 sp. SMPS 6: 30.06.2024 — 1 sp. SMPS 7: 20.05.2024 — 1 sp.

***Scaphisoma boleti* (Panzer, 1793) ***

Material. SMPS 1: 08.07.2023 — 1 sp. SMPS 4: 30.07.2023 — 1 sp.

***Scaphisoma boreale* (Lundblad, 1952) ***

Material. SMPS 2: 27.08.2023 — 1 sp. SMPS 3: 09.06.2023 — 3 sp., 29.06.2023 — 1 sp., 22.07.2023 — 1 sp. SMPS 4: 13.06.2023 — 1 sp., 30.07.2023 — 1 sp.

***Scaphisoma inopinatum* (Löbl, 1967) ***

Material. SMPS 1: 08.07.2023 — 2 sp. SMPS 4: 30.07.2023 — 1 sp. SMPS 5: 22.05.2024 — 1 sp. SMPS 6: 19.05.2024 — 1 sp.

***Scaphisoma limbatum* Erichson, 1845 ***

Material. SMPS 2: 23.07.2023 — 1 sp.

***Scaphisoma subalpinum* Reitter, 1881 ***

Material. SMPS 1: 20.05.2023 — 2 sp. SMPS 2: 23.07.2023 — 1 sp. SMPS 3: 09.06.2023 — 1 sp., 22.07.2023 — 1 sp. SMPS 4: 19.05.2023 — 2 sp., 07.07.2023 — 1 sp., 30.07.2023 — 1 sp.

Subfamily SCYDMAENINAE Leach, 1815

Genus *Cephennium* Müller et Kunze, 1822

***Cephennium carpathicum* Saulcy, 1878 ***

Material. SMPS 5: 24.07.2024 — 1 sp.

Genus *Euconnus* Thomson, 1859

***Euconnus denticornis* (P. W. J. Müller et Kunze, 1822) ***

Material. SMPS 6: 19.05.2024 — 1 sp.

Genus *Eutheia* Stephens, 1830

***Eutheia linearis* Mulsant et Rey, 1861 ***

Material. SMPS 4: 11.06.2024 — 1 sp., 13.08.2024 — 1 sp.

Genus *Neuraphes* Thomson, 1862

***Neuraphes elongatulus* (P. W. J. Müller et Kunze, 1822)**

References. Mateleshko *et al.*, 2009.

Material. SMPS 5: 12.06.2024 — 2 sp. SMPS 6: 09.06.2024 — 3 sp. SMPS 7: 20.05.2024 — 1 sp.

Genus *Scydmoraphes* Reitter, 1859

***Scydmoraphes minutus* (Chaudoir, 1845) ***

Material. SMPS 4: 02.07.2024 — 1 sp.

Genus *Stenichnus* Thomson, 1859

***Stenichnus bicolor* (Denny, 1825) ***

Material. SMPS 6: 19.05.2024 — 1 sp., 30.06.2024 — 1 sp., 21.07.2024 — 2 sp.

***Stenichnus carpathicus* Lokay, 1921**

Material. SMPS 6: 19.05.2024 — 5 sp., 21.07.2024 — 1 sp. SMPS 7: 20.05.2024 — 1 sp., 22.07.2024 — 1 sp.

***Stenichnus godarti* (Latreille, 1806) ***

Material. SMPS 4: 11.06.2024 — 1 sp., 13.08.2024 — 1 sp. SMPS 5: 03.07.2024 — 1 sp.

Subfamily SILPHINAE Latreille, 1806

Genus *Oiceoptoma* Leach, 1815

***Oiceoptoma thoracicum* (Linnaeus, 1758)**

References. Mateleshko *et al.*, 2009.

Material. SMPS 2: 23.07.2023 — 1 sp. SMPS 3: 15.08.2023 — 1 sp. SMPS 5: 24.07.2024 — 1 sp.

Genus *Nicrophorus* Fabricius, 1775

***Nicrophorus humator* (Gleditsch, 1767)**

References. Mateleshko *et al.*, 2009.

Material. SMPS 4: 21.05.2024 — 1 sp.

***Nicrophorus interruptus* (Stephens, 1830) ***

Material. SMPS 7: 02.09.2024 — 3 sp.

***Nicrophorus vespilloides* Herbst, 1783**

References. Chumak *et al.*, 2006; *Nicrophorus*, Mateleshko *et al.*, 2009.

Material. SMPS 4: 30.07.2023 — 1 sp., 11.06.2024 — 1 sp. SMPS 5: 12.06.2024 — 1 sp. SMPS 6: 19.05.2024 — 2 sp., 09.06.2024 — 2 sp., 30.06.2024 — 2 sp., 21.07.2024 — 6 sp. SMPS 7: 10.06.2024 — 3 sp., 01.07.2024 — 2 sp., 22.07.2024 — 4 sp., 02.09.2024 — 2 sp.

Subfamily STAPHYLININAE Latreille, 1802

Genus *Bisnius* Stephens, 1829

***Bisnius fimetarius* (Gravenhorst, 1802)**

References. Mateleshko *et al.*, 2009; *Philonthus*.

Material. SMPS 1: 20.05.2023 — 2 sp. SMPS 3: 09.10.2023 — 3 sp. SMPS 4: 09.05.2023 — 1 sp., 19.05.2023 — 1 sp., 21.05.2024 — 4 sp., 11.06.2024 — 3 sp., 23.07.2024 — 1 sp. SMPS 5: 22.05.2024 — 11 sp., 12.06.2024 — 1 sp., 04.09.2024 — 1 sp. SMPS 6: 19.05.2024 — 5 sp., 09.06.2024 — 2 sp. SMPS 7: 10.06.2024 — 3 sp., 01.07.2024 — 4 sp.

***Bisnius pseudoparcus* (Brunner, 1976) ***

Material. SMPS 4: 21.05.2024 — 7 sp.

Genus *Ontholestes* Ganglbauer, 1895

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

Material. SMPS 4: 11.06.2024 — 1 sp.

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

Material. SMPS 4: 03.09.2024 — 1 sp.

Genus *Philonthus* Stephens, 1829

***Philonthus addendus* Sharp, 1867 ***

Material. SMPS 1: 08.07.2023 — 1 sp. SMPS 4: 23.07.2024 — 5 sp., 13.08.2024 — 1 sp. SMPS 5: 24.07.2024 — 3 sp., 04.09.2024 — 1 sp. SMPS 6: 21.07.2024 — 1 sp. SMPS 7: 20.05.2024 — 3 sp.

***Philonthus cyanipennis* (Fabricius, 1792) ***

Material. SMPS 5: 12.06.2024 — 1 sp.

***Philonthus decorus* (Gravenhorst, 1802)**

References. Chumak *et al.*, 2006; Mateleshko *et al.*, 2009.

Material. SMPS 1: 08.07.2023 — 1 sp. SMPS 2: 31.05.2023 — 1 sp., 23.07.2023 — 1 sp., 27.08.2023 — 1 sp.

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

Material. SMPS 2: 29.06.2023 — 1 sp. SMPS 4: 19.05.2023 — 1 sp.

***Philonthus succicola* C. G. Thomson, 1860**

References. Mateleshko *et al.*, 2009.

Material. SMPS 4: 23.07.2024 — 1 sp. SMPS 6: 19.05.2024 — 1 sp., 30.06.2024 — 1 sp.

Genus *Gabrius* Stephens, 1829

***Gabrius breviventer* (Sperk, 1835)**

References. Mateleshko *et al.*, 2009: *pennatus* Sharp, 1910.

Material. SMPS 4: 21.05.2024 — 1 sp.

***Gabrius exspectatus* Smetana, 1952 ***

Material. SMPS 2: 29.06.2023 — 1 sp. SMPS 3: 29.06.2023 — 1 sp., 09.10.2023 — 2 sp.

Genus *Quedius* Stephens, 1829

***Quedius boops* (Gravenhorst, 1802) ***

Material. SMPS 4: 21.05.2024 — 1 sp. SMPS 5: 22.05.2024 — 1 sp., 12.06.2024 — 1 sp., 24.07.2024 — 1 sp., 04.09.2024 — 1 sp. SMPS 6: 19.05.2024 — 7 sp., 09.06.2024 — 6 sp., 21.07.2024 — 1 sp. SMPS 7: 20.05.2024 — 15 sp., 10.06.2024 — 2 sp., 01.07.2024 — 2 sp.

***Quedius cinctus* (Paykull, 1790) ***

Material. SMPS 3: 09.10.2023 — 3 sp. SMPS 5: 12.06.2024 — 1 sp. SMPS 7: 20.05.2024 — 4 sp.

***Quedius curtipennis* Bernhauer, 1908 ***

Material. SMPS 7: 10.06.2024 — 1 sp.

***Quedius fuliginosus* (Gravenhorst, 1802) ***

Material. SMPS 1: 26.08.2023 — 1 sp.

***Quedius fumatus* (Stephens, 1833) ***

Material. SMPS 2: 31.05.2023 — 1 sp. SMPS 4: 21.05.2024 — 4 sp. SMPS 5: 22.05.2024 — 2 sp.

***Quedius humeralis* Stephens, 1832 ***

Material. SMPS 3: 29.06.2023 — 1 sp.

***Quedius lateralis* (Gravenhorst, 1802)**

References. Mateleshko *et al.*, 2009.

Material. SMPS 7: 22.07.2024 — 1 sp.

***Quedius levicollis* (Brullé, 1832) ***

Material. SMPS 3: 09.10.2023 — 3 sp.

***Quedius limbatus* (Heer, 1839) ***

Material. SMPS 4: 30.08.2023 — 1 sp.

***Quedius longicornis* Kraatz, 1857 ***

Material. SMPS 4: 21.05.2024 — 3 sp., 11.06.2024 — 1 sp. SMPS 6: 19.05.2024 — 1 sp.

***Quedius lucidulus* Erichson, 1839 ***

References. Mateleshko *et al.*, 2009.

Material. SMPS 1: 20.05.2023 — 2 sp. SMPS 2: 31.05.2023 — 1 sp., 23.07.2023 — 1 sp., 08.10.2023 — 1 sp. SMPS 3: 29.06.2023 — 2 sp., 22.07.2023 — 4 sp., 15.08.2023 — 2 sp., 09.10.2023 — 3 sp. SMPS 4: 19.05.2023 — 4 sp., 21.05.2024 — 9 sp., 11.06.2024 — 5 sp., 13.06.2023 — 6 sp., 07.07.2023 — 1 sp., 30.07.2023 — 1 sp. SMPS 5: 22.05.2024 — 4 sp., 12.06.2024 — 6 sp. SMPS 6: 19.05.2024 — 20 sp., 09.06.2024 — 11 sp. SMPS 7: 20.05.2024 — 23 sp., 10.06.2024 — 7 sp., 01.07.2024 — 2 sp., 02.09.2024 — 1 sp.

***Quedius meridiocarpaticus* Smetana, 1958 ***

Material. SMPS 1: 30.07.2023 — 2 sp., 26.08.2023 — 1 sp. SMPS 3: 09.10.2023 — 1 sp. SMPS 4: 21.05.2024 — 1 sp. SMPS 5: 12.06.2024 — 1 sp.

***Quedius mesomelinus* (Marsham, 1802)**

References. Chumak *et al.*, 2006, Mateleshko *et al.*, 2009.

Material. SMPS 1: 08.07.2023 — 1 sp. SMPS 5: 22.05.2024 — 3 sp. SMPS 6: 19.05.2024 — 6 sp. SMPS 7: 10.06.2024 — 2 sp.

***Quedius paradisianus* (Heer, 1839)**

References. Chumak *et al.*, 2006, Mateleshko *et al.*, 2009.

Material. SMPS 1: 13.06.2023 — 2 sp. SMPS 2: 31.05.2023 — 1 sp. SMPS 3: 22.07.2023 — 1 sp. 09.10.2023 — 3 sp. SMPS 4: 19.05.2023 — 1 sp., 21.05.2024 — 1 sp., 11.06.2024 — 7 sp., 13.06.2023 — 2 sp., 07.07.2023 — 1 sp., 30.07.2023 — 1 sp.,

30.08.2023 — 1 sp., 09.10.2023 — 1 sp. SMPS 5: 22.05.2024 — 3 sp., 12.06.2024 — 4 sp., 03.07.2024 — 1 sp. SMPS 6: 19.05.2024 — 2 sp. SMPS 7: 20.05.2024 — 6 sp., 10.06.2024 — 8 sp.

***Quedius scintillans* (Gravenhorst, 1806) ***

Material. SMPS 2: 31.05.2023 — 1 sp.

***Quedius truncicola* Fairmaire et Laboulbène, 1856 ***

Material. SMPS 6: 19.05.2024 — 1 sp.

***Quedius umbrinus* Erichson, 1839 ***

Material. SMPS 4: 21.05.2024 — 1 sp.

Genus *Quedionuchus* Sharp, 1884

***Quedionuchus plagiatus* (Mannerheim, 1843)**

References. Chumak *et al.*, 2006: *Quedius*; Mateleshko *et al.*, 2009: *Quedius*.

Material. SMPS 4: 23.07.2024 — 1 sp.

Subfamily STENINAE MacLeay, 1825

Genus *Stenus* Latreille, 1796

***Stenus obscuripes* Ganglbauer, 1896**

References. Mateleshko *et al.*, 2009.

Material. SMPS 6: 19.05.2024 — 1 sp.

Subfamily TACHYPORINAE MacLeay, 1825

Genus *Sepedophilus* Gistel, 1856

***Sepedophilus immaculatus* (Stephens, 1832) ***

Material. SMPS 1: 08.07.2023 — 1 sp.

***Sepedophilus littoreus* (Linnaeus, 1758) ***

Material. SMPS 3: 22.07.2023 — 1 sp. SMPS 4: 21.05.2024 — 1 sp., 11.06.2024 — 1 sp., 23.07.2024 — 1 sp.

***Sepedophilus testaceus* (Fabricius, 1792) ***

Material. SMPS 1: 08.07.2023 — 1 sp.

Genus *Tachinus* Gravenhorst, 1802

***Tachinus corticinus* Gravenhorst, 1802 ***

Material. SMPS 2: 29.06.2023 — 1 sp., 27.08.2023 — 2 sp.

***Tachinus humeralis* Gravenhorst, 1802 ***

Material. SMPS 1: 08.07.2023 — 1 sp. SMPS 2: 31.05.2023 — 2 sp. SMPS 3: 09.10.2023 — 4 sp. SMPS 4: 11.06.2024 — 1 sp. SMPS 6: 09.06.2024 — 1 sp.

***Tachinus laticollis* Gravenhorst, 1802 ***

Material. SMPS 6: 19.05.2024 — 1 sp.

***Tachinus lignorum* (Linnaeus, 1758) ***

Material. SMPS 1: 08.07.2023 — 1 sp.

***Tachinus pallipes* (Gravenhorst, 1806) ***

Material. SMPS 1: 20.05.2023 — 2 sp., 13.06.2023 — 1 sp., 08.07.2023 — 1 sp. SMPS 2: 31.05.2023 — 1 sp., 29.06.2023 — 1 sp. SMPS 4: 19.05.2023 — 1 sp., 21.05.2024 — 6 sp., 11.06.2024 — 4 sp., 13.06.2023 — 1 sp., 07.07.2023 — 1 sp. SMPS 5: 22.05.2024 — 10 sp., 12.06.2024 — 1 sp., 03.07.2024 — 1 sp., 14.08.2024 — 1 sp. SMPS 6: 19.05.2024 — 2 sp., 09.06.2024 — 1 sp. SMPS 7: 20.05.2024 — 5 sp., 10.06.2024 — 4 sp., 01.07.2024 — 3 sp., 22.07.2024 — 1 sp.

***Tachinus proximus* Kraatz, 1855 ***

Material. SMPS 5: 04.09.2024 — 4 sp.

***Tachinus rufipennis* Gyllenhal, 1810**

References. Mateleshko *et al.*, 2009.

Material. SMPS 4: 21.05.2024 — 1 sp., 11.06.2024 — 1 sp.

***Tachinus subterraneus* (Linnaeus, 1758)**

References. Chumak *et al.*, 2006; Mateleshko *et al.*, 2009.

Material. SMPS 2: 31.05.2023 — 1 sp.

Genus *Tachyporus* Gravenhorst, 1802

***Tachyporus chrysomelinus* (Linnaeus, 1758) ***

Material. SMPS 1: 30.07.2023 — 1 sp.

***Tachyporus dispar* (Paykull, 1789)**

Material. SMPS 1: 20.05.2023 — 1 sp., 08.07.2023 — 1 sp. SMPS 4: 13.06.2023 — 1 sp.

***Tachyporus hypnorum* (Fabricius, 1775)**

Material. SMPS 4: 21.05.2024 — 1 sp.

Subfamily XANTHOLININAE Erichson, 1839

Genus *Atrecus* Jacquelin du Val, 1856

***Atrecus affinis* (Paykull, 1789)**

References. Mateleshko *et al.*, 2009.

Material. SMPS 7: 02.09.2024 — 2 sp.

***Atrecus pilicornis* (Paykull, 1790) ***

Material. SMPS 1: 08.07.2023 — 4 sp. SMPS 4: 11.06.2024 — 2 sp., 13.06.2023 — 1 sp., 07.07.2023 — 1 sp., 09.10.2023 — 1 sp. SMPS 5: 22.05.2024 — 1 sp., 03.07.2024 — 2 sp. SMPS 6: 19.05.2024 — 3 sp., 09.06.2024 — 4 sp., 30.06.2024 — 1 sp. SMPS 7: 10.06.2024 — 2 sp., 01.07.2024 — 5 sp., 22.07.2024 — 1 sp., 02.09.2024 — 1 sp.

Genus *Gauropterus* Thomson, 1860

***Gauropterus fulgidus* (Fabricius, 1787) ***

Material. SMPS 6: 19.05.2024 — 6 sp., 09.06.2024 — 6 sp., 30.06.2024 — 2 sp.

Genus *Othius* Stephens, 1829

***Othius crassus* Motschulsky, 1858**

References. Chumak *et al.*, 2006, Mateleshko *et al.*, 2009.

Material. SMPS 2: 31.05.2023 — 1 sp., 29.06.2023 — 1 sp.

***Othius subuliformis* Stephens, 1833 ***

Material. SMPS 2: 31.05.2023 — 5 sp. SMPS 3: 29.06.2023 — 1 sp., 09.10.2023 — 1 sp.

Genus *Xantholinus* Dejean, 1821

***Xantholinus longiventris* Heer, 1839 ***

Material. SMPS 4: 21.05.2024 — 1 sp., 11.06.2024 — 1 sp. SMPS 5: 22.05.2024 — 1 sp. SMPS 7: 02.09.2024 — 1 sp.

***Xantholinus tricolor* (Fabricius, 1787) ***

Material. SMPS 4: 11.06.2024 — 1 sp. SMPS 7: 01.07.2024 — 2 sp.

The large number of new records indicates the high faunistic potential of the regional coniferous ecosystems and highlights the insufficiency of previous studies. The data obtained are of great importance for monitoring the state of forest biogeocenoses; they will be integrated into the Chronicles of Nature of the Carpathian National Nature Park and used when updating the State Register of the Animal Kingdom of Ukraine.

Conclusions. A total of 205 rove beetle species belonging to 17 subfamilies were identified based on the material collected during field studies conducted in 2023–2024 within the coniferous forests of the Carpathian National Nature Park. Of these, 128 species are being recorded for the first time in the fauna of the Carpathian National Nature Park.

Although this taxonomic list is not complete, it summarizes the results of long-term studies on rove beetles, particularly incorporating intensive research from the past few years, and can serve as a baseline for future faunistic investigation and biodiversity monitoring within the Carpathian National Nature Park.

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