



CATALOGUE

OF THE DIGITIZED COLLECTIONS,
DEPOSITED IN THE STATE MUSEUM
OF NATURAL HISTORY, NATIONAL
ACADEMY OF SCIENCES OF UKRAINE

Herbarium, entomological
& mammological collections

(Scientific-reference edition)

Catalogue of the digitized collections, deposited in the State Museum of Natural History, National Academy of Sciences of Ukraine. Issue 1. Herbarium, entomological & mammological collections. – Lviv, 2023. – 250 p. [Electronic publication]

Abstract. The cataloging of moss and fern samples and specimens dragonflies, beetles, lacewings, bumblebees and felids from the collection of the State Museum of Natural History, National Academy of Sciences of Ukraine, has been started. In this first part of the catalogue, we present precise information about 38 species and 425 digitized specimens of biota groups mentioned above. Four species *Rhysodes sulcatus* (Fabricius, 1787) (Coleoptera, Carabidae), *Bombus muscorum* (Linnaeus, 1758) (Hymenoptera, Apidae), *Felis silvestris* Schreber, 1775, *Lynx lynx* (Linnaeus, 1758) (Mammalia, Carnivora) are listed in the Red Data Book of Ukraine.

For botanists, entomologists and mammologists, workers of natural history museums.

Key words: mosses, ferns, dragonflies, ground beetles, minute tree-fungus beetles, jewel beetles, lacewings, bumblebees, felids, museum, digitized collection, catalogue.

*Recommended for publication by the Scientific Council of the State
Museum of Natural History, National Academy of Sciences of
Ukraine*

LIST OF ABBREVIATIONS

- AR – Autonomous Republic
BR – Biosphere Reserve
CBAzL – Black Sea-Azov land
CrMts – Crimean Mountains
CsCp – Ciscarpathians' Upland
DCBU – Data Centre “Biodiversity of Ukraine”
DnDpL – Dnister-Dnipro land
EBs – Eastern Beskydy
Event Date format – yyyy-mm-dd,
FSZ – Forest-Steppe zone,
FZB – Temperate broad-leaf forest zone,
FZM – Mixed forest zone
Gg – Gorgany massif
LAL – Landscape Architecture Landmark
LN – Landmark of Nature
MrCh – Marmarosh-Chyvchyny region
NNP – National Nature Park
NR – Nature Reserve
OCVV – Outercarpathians and Vododilno-Verkhovynska oblasti
PBC – Pokutsko-Bukovynski Carpathians
PIChr – Polonynsko-Chornohirska region
Polonyna – mountain meadow in the Ukrainian Carpathians
RLP – Regional Landscape Park
Rop - Roztotsko-Opilska Upland
SMNH – State Museum of Natural History, National Academy of Sciences of Ukraine, Lviv
SMNH LWS – Herbarium of the State Museum of Natural History, National Academy of Sciences of Ukraine, Lviv
SZ – Steppe zone
SZN – Northern Steppe subzone
SZS – South Steppe subzone
UC – Ukrainian Carpathians
ZAK – Zakaznyk (a type of protected area in Ukraine that meets the World Conservation Union's (IUCN) criteria of the category IV, or more frequently, the category VI)

PREFACE

Museum collections are the important resources for scientists, studying different groups of biota and their diversity. These collections include specimens both from Ukraine and neighboring countries, and can be used to study the taxonomy, biogeography, morphology, and evolution of plants and animals. Besides, the museum collections may be useful for research in biology and ecology of insects, which can help in their conservation efforts.

State Museum of Natural History, National Academy of Sciences of Ukraine in Lviv is one of the oldest and the richest in terms of the natural scientific collections in Ukraine. On the whole, the natural collections include about 400 thousand items, and are of exceptional importance for science. By the resolution of the Cabinet of Ministers of Ukraine (2001), scientific collections and rare display cabinets of the XIX century were granted the status of National heritage. Over the past seven years the SMNH has been engaged in the introduction of an electronic collection accounting system and collections' digitization using the software and web resource Data Centre "Biodiversity of Ukraine" (DCBU) created in the Museum. The web resource Data Centre "Biodiversity of Ukraine" was created in the State Museum of Natural History, NAS of Ukraine and published on the internet on May 25, 2017.

The web portal DCBU is working with database, which contains information on scientific and vernacular names of organisms, data records of species, digitized museum specimens, their geotagged geographical distribution, protection categories etc. The international standards (Darwin Core) to facilitate the sharing of information on biological diversity are used for the database maintenance. At present the database contains more than 58 thousand records, over 19 thousand of which are from the collection of the SMNH. Now above 3500 items (2000 mosses and vascular plants samples and 1500 insects and mammals specimens) are digitized and the process of digitization is ongoing.

This catalog contains data on 38 species: mosses (61 samples), ferns (67), dragonflies (48 specimens), beetles (ground beetles – 31 spec., minute tree-fungus beetles – 87 spec., jewel beetles – 10 spec.), lacewings (29 spec.), bumblebees (57 spec.) and felids (34 spec.) from the collection of the SMNH. In total 425 items. Four species, *Rhysodes sulcatus* (Fabricius, 1787) (Coleoptera, Carabidae), *Bombus muscorum* (Linnaeus, 1758) (Hymenoptera, Apidae), *Felis silvestris* Schreber, 1775, *Lynx lynx* (Linnaeus, 1758) (Mammalia, Carnivora) are listed in the Red Data Book of Ukraine. All samples are included in the electronic databases of the museum, in particular Data Centre "Biodiversity of Ukraine" <<http://dc.smnh.org/>>. Each sample has a QR code that can be used to go to its page in the web resource Data Centre "Biodiversity of Ukraine"

This catalogue enables easy searching and access to specimens of the SMNH collections for researchers and other users, which can be decisive for studying biodiversity and can help to fill gaps in knowledge and to prioritize future collecting efforts in areas where little is known about the certain groups of flora and fauna.

**CATALOGUE OF RHYSODES SULCATUS (FABRICIUS, 1787)
(COLEOPTERA, CARABIDAE) SPECIMENS DEPOSITED IN THE
STATE MUSEUM OF NATURAL HISTORY NASU, LVIV, UKRAINE**

Volodymyr RIZUN¹, Valeriia DIEDUS²

1 – State Museum of Natural History NASU, Lviv, e-mail: rizunv@ukr.net

1, 2 – Uzhhorod National University, Uzhhorod; State Museum of Natural History NASU,
Lviv; e-mail: valeriia.dedus@gmail.com

DOI: <https://doi.org/10.36885/cdcsmnh.2023.4>

Rhysodinae is a subfamily in the family Carabidae with 19 genera and at least 380 described species. Genus *Rhysodes* is native to the Palearctic (including Europe) and the Near East. There are currently two known species: *Rhysodes comes* (Lewis, 1888) distributed in China (Jilin), Japan, Russia (Far East, Siberia), South Korea and *Rhysodes sulcatus* (Fabricius, 1787).

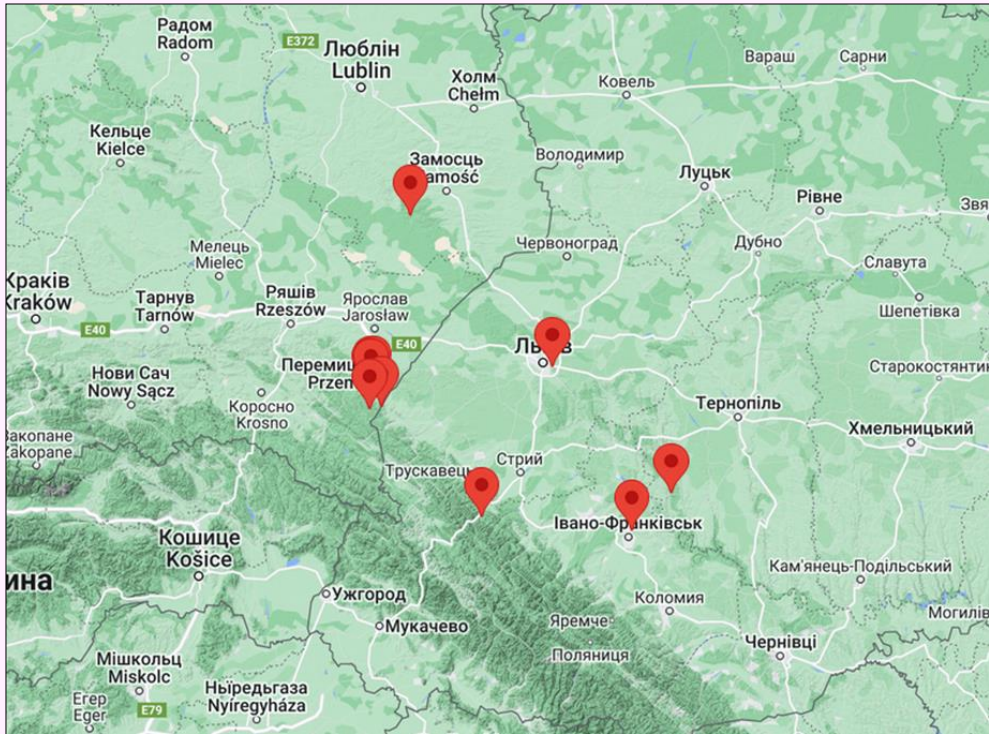


Fig. 1. Findings of *Rhysodes sulcatus* (Fabricius, 1787) in the collection of SMNH (according DCBU <<http://dc.smnh.org/>>).

Rhysodes sulcatus (Fabricius, 1787) is distributed in Central, Southern and Eastern Europe (Spain (Pyrenees), France, Italy, Germany, Austria, Hungary, Poland, Czechia, Slovakia, Romania, Bulgaria, countries of the former Yugoslavia,

mountain part of Greece, Sweden, Turkey, Ukraine, Belarus and Russia). It occurs also in Asia Minor, the Caucasus and Western Siberia (Крыжановский, 1983; Sienkiewicz, 2004, 2012). It is known from the sub-fossil remains, that 3000 years ago *Rhysodes sulcatus* (Fabricius, 1787) occurred in the UK; about 200 years ago it was recorded from northern Sweden (Sienkiewicz, 2004).

The wrinkled bark beetle *Rhysodes sulcatus* (Fabricius, 1787) (Coleoptera, Carabidae) is an endangered saproxylic beetle listed in the European Habitats Directive (annex II of Council Directive 92/43/EEC), in the Bern Convention (Annex II) and is also listed in the IUCN red list of Threatened species (Niето, Alexander, 2010; Méndez, Dodelin, Petrakis, Schlaghamersky, Nardi, 2010), classified as EN (Endangered) in the EU 27 and as DD (Data Deficient) for the whole continent. It is considered a relict of primeval forests and belongs to the most threatened saproxylic beetles in Europe (Мателешко, 2003, 2005; Kostanjsek, Sebek, Baranova, Jalaska, Riedl, Cizek, 2018; Mazzei, Audisio, Vigna Taglianti, Brandmayr, 2019). The species has been included into the Red Data Book of Poland (Sienkiewicz, 2004). In the Red Data Book of Ukraine the species was listed in 2021 with the status of vulnerable one (Наказ..., 2021). Earlier, it was included into the Red Data Book of the Ukrainian Carpathians (Мателешко, 2011). At the regional level *Rhysodes sulcatus* (Fabricius, 1787) has been protected in Kharkivska province (Різун, 2010).

In Ukraine *Rhysodes sulcatus* (Fabricius, 1787) occurs in the Ukrainian Carpathians, in Polissia region, in Kharkivska oblast (province) and in the Crimean Mountains (Roubal, 1930; Дрогваленко, 1999; Мателешко, 2003; Пучков, 2012; Чумак В., Дедусь, Чумак М., Варивода, Середюк, Різун, 2022). Beetles occur throughout the year, most often in late spring and early summer under the bark and in the decaying wood of the trunks of beech, oak, poplar, fir and pine. Adults feed on *Mухомycetes* mushrooms. Mating takes place in the spring, young beetles appear in the second half of summer and wintered under the bark. The analysis shows that the presence of the beetle is affected mainly by both the diameter of dead wood and its humidity, as *Rhysodes sulcatus* (Fabricius, 1787) was almost exclusively found in large, moist and well rotten fallen logs with a diameter greater than 60 cm. These findings may provide useful guidelines for sustainable forest management, with specific emphasis on the need to retain large fallen logs at the sites inhabited by *Rhysodes sulcatus* (Fabricius, 1787) populations. (Kostanjsek, Sebek, Baranova, Jalaska, Riedl, Cizek, 2018).

The collection of the State Museum of Natural History, National Academy of Sciences in Lviv contains 12 specimens of this species. Five of them were collected in the south-eastern part of Poland, six – in the western part of Ukraine and one has no fixed location of finding (fig. 1). Ten specimens were collected in the period from the second half of the 19th century to 1939, one specimen – in 1987 (Poland) and one more – in 2016 in Lvivska province (Ukraine). The collectors known to us were as follows: I. Verkhratskyi, ?M. Łomnicki, T. Trella, A. Stöckl, D. Kubisz, V. Rizun. Material collection dates: 18.05, 22.05, 16.06, 30.07. All data have been entered into the web resource Data Centre “Biodiversity of Ukraine” <<http://dc.smnh.org/>>.

***Rhysodes sulcatus* (Fabricius, 1787)**

Inventory number: E2.19.06.01.01/01
Digital record number: SMNH007444
Data Centre "Biodiversity of Ukraine": ID 59619



Fig. 2. Specimen of *Rhysodes sulcatus* (Fabricius, 1787) in the SMNH collection.

Collection Type: MuseumCollection / Specimen. Count: 8. Event Date: 0000-00-00.
Country: Poland. State Province: Podkarpackie województwo. District: Przemyski.
Municipality: Brylińce. Leg: Trella. Det: Trella. Institution Code: SMNH. Remarks: cabinet – 1168, insect-box – 776.

***Rhysodes sulcatus* (Fabricius, 1787)**

Inventory number: E2.19.06.01.01/02
Digital record number: SMNH007445
Data Centre "Biodiversity of Ukraine": ID 59620



Fig. 3. Specimen of *Rhysodes sulcatus* (Fabricius, 1787) in the SMNH collection.

Collection Type: MuseumCollection / Specimen. Count: 9. Event Date: 0000-00-00.
Country: Poland. State Province: Podkarpackie województwo. District: Przemyski.
Municipality: Brylińce. Habitat: rotted stumps of fir and beech trees. Leg: - . Det: - .
Institution Code: SMNH. Remarks: cabinet – 1168, insect-box – 776.

***Rhysodes sulcatus* (Fabricius, 1787)**

Inventory number: E2.19.06.01.01/03
Digital record number: SMNH007446
Data Centre "Biodiversity of Ukraine": ID 59621



Fig. 4. Specimen of *Rhysodes sulcatus* (Fabricius, 1787) in the SMNH collection.

Collection Type: MuseumCollection / Specimen. Count: 6. Event Date: 0000-00-00.
Country: Poland. State Province: Podkarpackie województwo. District: Przemyski.
Municipality: Brylińce. Leg: Trella. Det: Trella. Institution Code: SMNH. Remarks: cabinet – 1168, insect-box – 776.

***Rhysodes sulcatus* (Fabricius, 1787)**

Inventory number: E2.19.06.01.01/04
Digital record number: SMNH007447
Data Centre "Biodiversity of Ukraine": ID 59622



Fig. 5. Specimen of *Rhysodes sulcatus* (Fabricius, 1787) in the SMNH collection.

Collection Type: MuseumCollection / Specimen. Count: 5. Event Date: 0000-00-00.
Country: Poland. State Province: Podkarpackie województwo. District: Przemyski.
Municipality: Brylińce. Leg: Trella. Det: Trella. Institution Code: SMNH. Remarks: cabinet – 1168, insect-box – 776.

***Rhysodes sulcatus* (Fabricius, 1787)**

Inventory number: E2.19.06.01.01/05
Digital record number: SMNH007448
Data Centre "Biodiversity of Ukraine": ID 59623

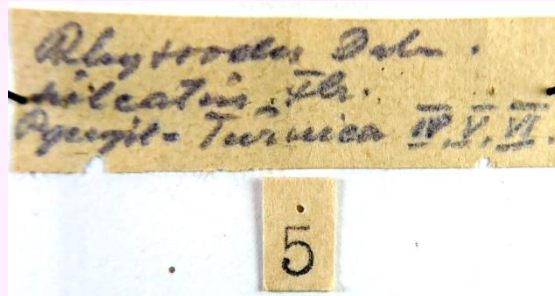


Fig. 6. Specimen of *Rhysodes sulcatus* (Fabricius, 1787) in the SMNH collection.

Collection Type: MuseumCollection / Specimen. Count: 5. Event Date: 0000-00-00.
Country: Poland. State Province: Podkarpackie województwo. District: Przemyski.
Municipality: Przemysł 15 km SSW. Locality: Turnitsa range. Leg: - . Det: - . Institution
Code: SMNH. Remarks: cabinet – 1168, insect-box – 776.

***Rhysodes sulcatus* (Fabricius, 1787)**

Inventory number: E2.19.06.01.01/06
Digital record number: SMNH007449
Data Centre "Biodiversity of Ukraine": ID 59624

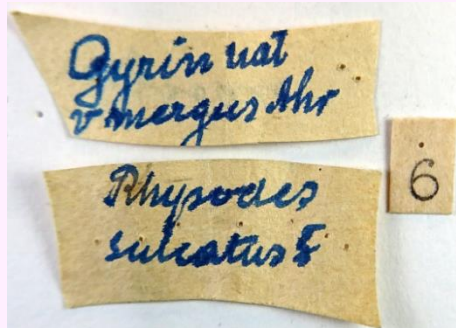


Fig. 7. Specimen of *Rhysodes sulcatus* (Fabricius, 1787) in the SMNH collection.

Collection Type: MuseumCollection / Specimen. Count: 2. Event Date: 0000-00-00.
Country: Ukraine. State Province: empty. District: - . Municipality: - . Leg: - . Det: - .
Institution Code: SMNH. Remarks: labels: ?"Gyrin uat v mergus Ahr.", "Rhysodes
F."; cabinet – 1168, insect-box – 776.

***Rhysodes sulcatus* (Fabricius, 1787)**

Inventory number: E2.19.06.01.01/07
Digital record number: SMNH007450
Data Centre "Biodiversity of Ukraine": ID 59625



Fig. 8. Specimen of *Rhysodes sulcatus* (Fabricius, 1787) in the SMNH collection.

Collection Type: MuseumCollection / Specimen. Count: 1. Event Date: 0000-00-00.
Country: Ukraine. State Province: Lvivska. District: Lvivskiyi. Municipality: Lviv.
Georegion: FZB: ROP: Roztochchia. Locality: Maryówka. Leg: - . Det: - . Institution Code: SMNH. Remarks: labels: "36 86", "coll. A. Stöckl"; Maryówka [former resort near the Vynnykivske lake – V.R.]; cabinet – 1168, insect-box – 776.

***Rhysodes sulcatus* (Fabricius, 1787)**

Inventory number: E2.19.06.01.01/08
Digital record number: SMNH007451
Data Centre "Biodiversity of Ukraine": ID 59626

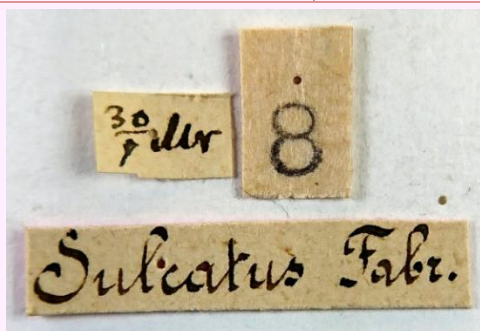
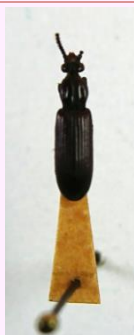


Fig. 9. Specimen of *Rhysodes sulcatus* (Fabricius, 1787) in the SMNH collection.

Collection Type: MuseumCollection / Specimen. Count: 1. Event Date: 0000-07-30.
Country: Ukraine. State Province: Ternopil'ska. District: Chortkivskiyi. Municipality: Markova. Georegion: FZB: ROP: Opillia. Leg: - . Det: - . Institution Code: SMNH. Remarks: cabinet – 1168, insect-box – 776.

***Rhysodes sulcatus* (Fabricius, 1787)**

Inventory number: **E2.19.06.01.01/09**
Digital record number: **SMNH007452**
Data Centre "Biodiversity of Ukraine": **ID 59627**

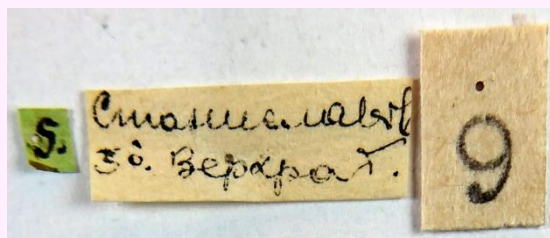


Fig. 10. Specimen of *Rhysodes sulcatus* (Fabricius, 1787) in the SMNH collection.

Collection Type: MuseumCollection / Specimen. *Count:* 1. *Event Date:* 0000-00-00.
Country: Ukraine. *State Province:* Ivano-Frankivska. *District:* Ivano-Frankivskiyi.
Municipality: Ivano-Frankivsk. *Georegion:* FZB: Prut-Dnister Upland. *Leg:* Verkhratskyi I.
Det: - . *Institution Code:* SMNH. *Remarks:* label: "S"; cabinet – 1168, insect-box – 776.

***Rhysodes sulcatus* (Fabricius, 1787)**

Inventory number: **E2.19.06.01.01/10**
Digital record number: **SMNH007453**
Data Centre "Biodiversity of Ukraine": **ID 59628**



Fig. 11. Specimen of *Rhysodes sulcatus* (Fabricius, 1787) in the SMNH collection.

Collection Type: MuseumCollection / Specimen. *Count:* 1. *Event Date:* 1908-06-16.
Country: Ukraine. *State Province:* Lvivska. *District:* Stryiskiyi. *Municipality:* Skole.
Reserve: NNP Skolivski Beskydy. *Georegion:* UC: OCVV: EBs: Skolivski Beskydy.
Locality: Chudyliv. *Habitat:* under stumps bark. *Leg:* - . *Det:* - . *Institution Code:* SMNH.
Remarks: cabinet – 1168, insect-box – 776.

***Rhysodes sulcatus* (Fabricius, 1787)**

Inventory number: E2.19.06.01.01/11
Digital record number: SMNH007454
Data Centre "Biodiversity of Ukraine": ID 59629

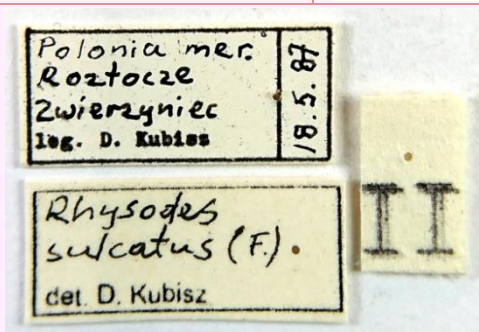


Fig. 12. Specimen of *Rhysodes sulcatus* (Fabricius, 1787) in the SMNH collection.
Collection Type: MuseumCollection / Specimen. *Count:* 1. *Event Date:* 1987-05-18.
Country: Ukraine. *State Province:* Lubelskie województwo. *District:* - . *Municipality:* Zwierzyniec. *Leg:* Kubisz D. *Det:* Kubisz D. *Institution Code:* SMNH. *Remarks:* cabinet – 1168, insect-box – 776.

***Rhysodes sulcatus* (Fabricius, 1787)**

Inventory number: E2.19.06.01.01/12
Digital record number: SMNH007455
Data Centre "Biodiversity of Ukraine": ID 59630

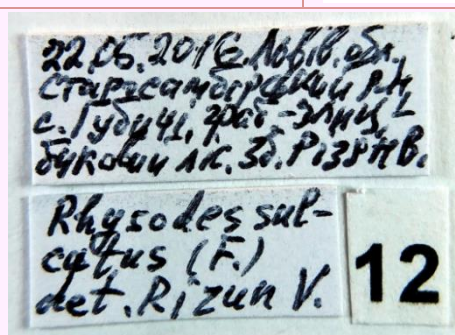


Fig. 13. Specimen of *Rhysodes sulcatus* (Fabricius, 1787) in the SMNH collection.
Collection Type: MuseumCollection / Specimen. *Count:* 1. *Event Date:* 2016-05-22.
Country: Ukraine. *State Province:* Lvivska. *District:* Sambirski. *Municipality:* Hubychi.
Georegion: UC: OCVV: EBs: Upperdnister Beskydy. *Locality:* Shliamuvka river valley, isolated border strip between Poland and Ukraine. *Habitat:* hornbeam-fir-beech forest. *Leg:* Rizun V.B. *Det:* Rizun V.B. *Institution Code:* SMNH. *Remarks:* cabinet – 1168, insect-box – 776.

Дрогваленко А.Н. Новые и редкие для фауны Украины виды жесткокрылых насекомых (Insecta, Coleoptera). *Вісті Харківського ентомологічного товариства*. Харків, 1999. Т.7, вип.1. С.20-29.

Крыжановский О.Л. Жуки подотряда Adephaga: семейства Rhysodidae, Trachypachidae; семейство Carabidae (вводная часть, обзор фауны СССР). Фауна СССР. Жесткокрылые. Л.: Наука, 1983. Т.1, вып.2. 341 с.

Мателешко О.Ю. Жуки-ризодіди (Coleoptera, Rhysodidae) Українських Карпат. *VI з'їзд Українського ентомологічного товариства*. Біла Церква, 8-11 вересня 2003 р. Ніжин, 2003. С.68-69.

Мателешко О.Ю. Твердокрили (Insecta, Coleoptera) як індикатори пралісів і природних лісів Українських Карпат. *Науковий вісник Ужгородського університету. Серія біологія*. 2005. Вип.16. С.160-165.

Мателешко О.Ю. Ризод борознистий *Rhysodes sulcatus* (Fabricius, 1878) // Червона книга Українських Карпат. Тваринний світ / заг. Редакція – О.Ю. Мателешко, Л.А. Потіш. Ужгород: Карпати, 2011. С.28.

Наказ Міністерства захисту довкілля та природних ресурсів України 19 січня 2021 року №29 “Перелік видів тварин, що заносяться до Червоної книги України (тваринний світ)” <https://zakon.rada.gov.ua/laws/show/z0260-21#Text>

Пучков А.В. Фаунистический обзор карабоидных жуков (Coleoptera, Caraboidea) Украины. *Український ентомологічний журнал*. 2012. №2(5). С.3-44.

Різун В. Безхребетні // Фауна України: охоронні категорії. Довідник / Годлевська О., Парнікоза І., Різун В., Фесенко В., Куцоконь Ю., Загороднюк І., Шевченко М., Іноземцева Д; ред.: Годлевська О., Фесенко Г. – Видання друге, перероблене та доповнене. Київ, 2010. С.43-61.

Чумак В.О., Дедусь В.І., Чумак М.В., Варивода М.В., Середюк Г.В., Різун В.Б. Твердокрили Угольського масиву Карпатського біосферного заповідника, занесені до Червоної книги України та Червоної книги Українських Карпат. *Поширення раритетних видів біоти України*, том 1 / Серія: «Conservation Biology in Ukraine». – Вип. 27, Т.1. – Київ: Інститут зоології, UNCG, 2022. – С.415-416.

Biodiversity of Ukraine – the information resource for Ukraine biota diversity. State Museum of Natural History, National Academy of Science of Ukraine. Published on the internet <http://dc.smnh.org/>; <http://dc.smnh.org/species/detail/species-11095.html>, <http://dc.smnh.org/maps/11095>, <http://dc.smnh.org/collection/items/11095>, <http://dc.smnh.org/collection/gallery/11095> Downloaded 01 April 2023

Kostanjsek F., Sebek P., Baranova B., Jalaska L.S., Riedl V., Cizek L. Size matters! Habitat preferences of the wrinkled bark beetle, *Rhysodes sulcatus*, the relict species of European primeval forests. *Insect Conservation and Diversity*. 2018. Vol.11, Iss.6. P.545-553.

Mazzei A., Audisio P., Vigna Taglianti A., Brandmayr P. Geographical distribution and conservation status of the threatened saproxylic beetles *Rhysodes*

sulcatus (Fabricius, 1787), *Clinidium canaliculatum* (O.G. Costa, 1839) and *Omoglymmius germari* (Ganglbauer, 1891) in Italy (Coleoptera: Rhysodidae). *Fragmenta entomologica*. 2019. 51(1). P.89-96.

Méndez M., Dodelin J., Petrakis P., Schlaghamersky J. & Nardi G. 2010. *Rhysodes sulcatus* (Europe assessment). The IUCN Red List of Threatened Species 2010: e.T157582A5100245. Accessed on 01 April 2023. <https://www.iucnredlist.org/species/157582/5100245>

Nieto A., Alexander K.N.A. European red List of Saproxyllic Beetles. Luxembourg: Publications Office of the European Union. 2010. 45 p.

Rhysodes sulcatus (Fabricius, 1787) in GBIF Secretariat (2022). GBIF Backbone Taxonomy. Checklist dataset <https://doi.org/10.15468/39omei> accessed via GBIF.org on 2023-04-01.

Roubal J. Katalog Coleopter (Broûku) Slovenska a Podkarpatska na zaklade bionomickem a zoogeografickem a spolu systematicky doplněk Ganglbauerovych "Die Käfer von Mitteleuropa" a Reitterovy "Fauna germanica". Praha, 1930. 1. 527 s.

Sienkiewicz P. *Rhysodes sulcatus* (Fabricius, 1787) – zagłębek bruzdkowany. Głowaciński Z., Nowacki J. red. Polska czerwona księga zwierząt – Bezkręgowce. IOP PAN, Kraków, 2004. S.91-92.

Sienkiewicz P. Zagłębek bruzdkowany *Rhysodes sulcatus* (Fabricius, 1787). Makomaska-Juchiewicz M., Baran P. (red.). Monitoring gatunków zwierząt – Przewodnik metodyczny – Część druga. Biblioteka Monitoringu Środowiska, GIOŚ, Warszawa, 2012. S.400-418.

INDEX

<i>Abies</i>	179
Adephaga	109
Apidae	195
Aspleniaceae	38, 73
<i>Asplenium</i>	73
<i>Asplenium trichomanes</i> L.	38
<i>Asplenium viride</i> Huds.	38-73
<i>Bazzania</i>	5
<i>Bazzania denudata</i> (Lindenb. & Gottsche)	34-35
<i>Bazzania ovifolia</i> (Stephani) S. Hatt.	36
<i>Bazzania tricrenata</i> (Wahlenb.) Lindb.	5, 6, 24-34
<i>Bazzania tridens</i> (Reinw., Blume & Nees)	36
<i>Bazzania trilobata</i> (L.) Gray	5, 7-23
<i>Bazzania yoshinagana</i> (Steph.) Yasuda	37
<i>Bombus</i>	195
<i>Bombus muscorum</i> (Linnaeus, 1758)	195-225
Buprestidae	170, 176
Buprestoidea	176
Byrrhoidea	176
Carabidae	101, 102, 109, 111, 122, 123
Caraboidea	109
Carnivora	226
Chrysopidae	178
Cicindelidae	122
Ciidae	124, 169
<i>Cis</i>	125
<i>Cis bidentatus</i> (Olivier, 1790)	125-127
<i>Cis boleti</i> (Scopoli, 1763)	125, 127-139
<i>Cis castaneus</i> (Herbst, 1793)	125, 139, 140
<i>Cis comptus</i> Gyllenhal, 1827	125, 140
<i>Cis glabratus</i> Mellié, 1848	125, 141
<i>Cis lineatocribratus</i> Mellié, 1848	125, 141
<i>Cis micans</i> (Fabricius, 1792)	125, 142-151
<i>Cis villosulus</i> (Marsham, 1802)	125, 151, 152
<i>Clinidium canaliculatum</i> (O.G. Costa, 1839)	110
Coleoptera	101, 102, 109-111, 122-124, 169, 170, 176
Dascilloidea	176
<i>Dolichocis</i>	125
<i>Dolichocis laricinus</i> (Mellié, 1848)	125, 152, 153
Felidae	226, 245
<i>Felis silvestris</i> Schreber, 1775	226-236
<i>Geranium pratense</i> L.	170

<i>Geranium sanguineum</i> (Bílý, 2002)	170
<i>Habroloma</i>	170
<i>Habroloma breiti</i> (Obenberger, 1918)	170, 175
<i>Habroloma nanum</i> (Paykull, 1799)	170-175
Hemerobiidae	178
<i>Hemerobius</i>	178
<i>Hemerobius concinnus</i> Stephens (1836)	178
Hymenoptera	195
Insecta	75, 109, 169,
Jungermanniales	5
<i>Kimminsia</i>	179
Lebiinae	111, 123
Lepidoziaceae	5
<i>Leucorrhinia</i>	75
<i>Leucorrhinia caudalis</i> (Charpentier, 1840)	93-99
<i>Leucorrhinia dubia</i> (Vander Linden, 1825)	91-93
<i>Leucorrhinia pectoralis</i> Charpentier, 1825	76-82
<i>Leucorrhinia rubicunda</i> (Linnaeus, 1758)	83-90
<i>Lynx lynx</i> (Linnaeus, 1758)	226, 236-244
Mammalia	226
Marchantiophyta	5
<i>Micromus</i>	178
Myxomycetes	102
Neuroptera	178
<i>Octotemnus</i>	125
<i>Octotemnus glabriculus</i> (Gyllenhal, 1827)	125, 164
<i>Odacantha</i>	111
<i>Odacantha melanura</i> (Linnaeus, 1767)	111-122
Odacanthini	111
Odonata	75
<i>Omoglymmius germari</i> (Ganglbauer, 1891)	110
<i>Orthocis</i>	125
<i>Orthocis alni</i> (Gyllenhal, 1813)	125, 153, 154
<i>Phragmites</i>	111
<i>Picea</i>	178, 179
<i>Pinus</i>	178
Polypodiophyta	38
Polypodiopsida	38
<i>Rhopalodontus</i>	125
<i>Rhopalodontus perforatus</i> (Gyllenhal, 1813)	125, 165-169
<i>Rhysodes</i>	101
<i>Rhysodes comes</i> (Lewis, 1888)	101
<i>Rhysodes sulcatus</i> (Fabricius, 1787)	101-110
Rhysodidae	109, 110

Rhysodinae	101
Scarabaeoidea	176
<i>Scirpus</i>	111
Scirtoidea	176
<i>Sulcaxis</i>	125
<i>Sulcaxis fronticornis</i> (Panzer, 1809)	125, 154, 155
<i>Sulcaxis nitidus</i> (Fabricius, 1792)	125, 155-161
<i>Sympherobius</i>	178
Tenebrionoidea	169
<i>Thoracobombus</i>	195
Trachypachidae	109
<i>Typha</i>	111
<i>Wagaicis</i>	125
<i>Wagaicis wagaie</i> (Wankowicz, 1869)	125, 162, 163
<i>Wesmaelius</i>	178
<i>Wesmaelius concinnus</i> Stephens, 1836	178-184
<i>Wesmaelius nervosus</i> Fabricius, 1793	179, 185-187
<i>Wesmaelius quadrifasciatus</i> Reuter, 1894	179, 188-194

CONTENTS

LIST OF ABBREVIATIONS	3
PREFACE	4
Savytska A. Catalogue of specimens of genus <i>Bazzania</i> Gray (Lepidoziaceae, Jungermanniales) deposited in the State Museum of Natural History NASU, Lviv, Ukraine	5
Kuzyarin O. Catalogue of <i>Asplenium viride</i> Huds. (Aspleniaceae, Polypodiopsida, Polypodiophyta) samples deposited in the State Museum of Natural History NASU, Lviv, Ukraine	38
Hushtan K. Catalogue of specimens of the genus <i>Leucorrhinia</i> Brittinger, 1850 (Odonata, Libellulidae) deposited in the State Museum of Natural History NASU, Lviv, Ukraine	75
Rizun V., Diedus V. Catalogue of <i>Rhysodes sulcatus</i> (Fabricius, 1787) (Coleoptera, Carabidae) specimens deposited in the State Museum of Natural History NASU, Lviv, Ukraine	101
Rizun V. Catalogue of <i>Odacantha melanura</i> (Linnaeus, 1767) (Coleoptera, Carabidae) specimens deposited in the State Museum of Natural History NASU, Lviv, Ukraine	111
Diedus V. Catalogue of minute tree-fungus beetle specimens (Coleoptera, Ciidae) deposited in the State Museum of Natural History NASU, Lviv, Ukraine	124
Yanytsky T. Catalogue of specimens of the genus <i>Habroloma</i> Thomson, 1864 (Coleoptera, Buprestidae) deposited in the State Museum of Natural History NASU, Lviv, Ukraine	170
Serediuk H. Catalogue of brown lacewings specimens (Neuroptera, Hemerobiidae, <i>Wesmaelius</i>) deposited in the State Museum of Natural History NASU, Lviv, Ukraine	178
Konovalova I. Catalogue of <i>Bombus muscorum</i> (Linnaeus, 1758) (Hymenoptera, Apidae) specimens deposited in the State Museum of Natural History NASU, Lviv, Ukraine	195
Bokotey A., Savytska A., Rizun V. Catalogue of Felidae (Mammalia, Carnivora) family specimens deposited in the State Museum of Natural History NASU, Lviv, Ukraine	226
INDEX	246
CONTENTS	249

**Національна академія наук України
Державний природознавчий музей**

Науково-довідкове видання
(електронне видання)

**КАТАЛОГ ОЦИФРОВАНИХ КОЛЕКЦІЙ ДЕРЖАВНОГО
ПРИРОДОЗНАВЧОГО МУЗЕЮ, НАЦІОНАЛЬНОЇ АКАДЕМІЇ НАУК
УКРАЇНИ**

Випуск 1
ГЕРБАРІЙ, ЕНТОМОЛОГІЧНА ТА МАММОЛОГІЧНА КОЛЕКЦІЇ

Бокотей Андрій Андрійович, Гуштан Катерина Валеріївна, Дедусь Валерія Іванівна, Коновалова Ірина Борисівна, Кузярін Олександр Тимофійович, Різун Володимир Богданович, Савицька Анастасія Григорівна, Середюк Ганна Віталіївна, Яницький Тарас Петрович



Адреса редакції:

79008 Львів, вул. Театральна, 18

Державний природознавчий музей НАН України

Телефон / факс +38032-235-69-17

Виготовлення оригінал-макета здійснено у відділі музейного документування біоресурсів Державного природознавчого музею НАН України
(обкладинка – Г. В. Середюк, верстка – В. Б. Різун)