



# CATALOGUE

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

(scientific-reference edition)

Herbarium, acarological &  
entomological collections



Catalogue of the digitized collections, deposited in the State Museum of Natural History, National Academy of Sciences of Ukraine. Issue 2. Herbarium, acarological & entomological collections. – Lviv, 2024. – 128 p. [Electronic publication]

Abstract. The next issue of the catalogue, which includes moss and fern samples, specimens of oribatid mites and beetles from the collection of the State Museum of Natural History, National Academy of Sciences of Ukraine, has been published. In this catalogue we present precise information about 15 species and 202 digitized specimens of biota groups mentioned above. Two species, *Palamocladium euchloron* (Müll. Hal.) Wijk et Margad. (Hypnales, Brachytheciaceae) and *Carabus estreicheri* Fischer von Waldheim, 1822 (Coleoptera, Carabidae), have been included into the Red Data Book of Ukraine.

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

Key words: biodiversity, fauna, flora, mosses, ferns, oribatid mites, ground beetles, insects, 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  
CrMts – Crimean Mountains  
CrSL – Crimean Steppe land  
CsCp – Ciscarpathians' Upland  
DCBU – Data Centre “Biodiversity of Ukraine”  
DnDpL – Dnister-Dnipro land  
DntsL – Donets land  
EBs – Eastern Beskydy  
Event Date format – yyyy-mm-dd,  
FSZ – Forest-Steppe zone,  
FZB – Temperate broad-leaf forest zone,  
Gg – Gorgany massif  
IZU – I. I. Schmalhausen Institute of Zoology of National Academy of Sciences of Ukraine  
LDpL – Dnipro left bank forest-steppe land  
LN – Landmark of Nature  
MrCh – Marmarosh-Chyvchyny region  
NASU – National Academy of Sciences of Ukraine  
NNP – National Nature Park  
NR – Nature Reserve  
OCVV – Outercarpathians and Vododilno-Verkhovynska oblasti  
PBC – Pokutsko-Bukovynski Carpathians  
PdDpL - Podillia-Dnipro forest-steppe land  
PlChr – Polonynsko-Chornohirska region  
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  
TrCp – Trancarpathians Lowland  
UC – Ukrainian Carpathians  
Vlk - Vulkanichno-intermountainells oblast

## 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 researches in biology and ecology of insects, as they will contribute to 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 19th century were granted the status of National heritage. Over the past eight 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, digitaized 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 70 thousand records, over 32 thousand of which are from the collection of the SMNH. Now above 16000 items (4000 mosses and vascular plants samples and 12000 insect and mammal specimens) are digitized and the process of digitization is ongoing.

This catalogue contains data on 14 species: mosses (14 samples), ferns (26), oribatid mites (16 specimens), beetles (ground beetles – 132 spec.) from the collection of the SMNH. In total 188 items. Two species *Palamocladium euchloron* (Müll. Hal.) Wijk et Margad. (Hypnales, Brachytheciaceae) and *Carabus estreicheri* Fischer von Waldheim, 1822 (Coleoptera, Carabidae), have been included into 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, in addition to ensuring additional preservation of the scientific and historical natural heritage, 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 *PALAMOCLADIUM EUCHLORON* (MÜLL. HAL.) WIJK ET MARGAD. (HYPNALES, BRACHYTHECIACEAE) SPECIMENS DEPOSITED IN THE STATE MUSEUM OF NATURAL HISTORY NASU, LVIV, UKRAINE

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The species *Palamocladium euchloron* (Müll. Hal.) Wijk et Margad. is distributed in Southern Europe (Greece), in the Caucasus, in Asia (Turkey, Iran, Turkmenistan, Pakistan, China). Findings in the Mountainous Crimea: Kirovskyi district, Agarmysh Mt. in the vicinity of the Old Crimea town, Old Crimea; Khapkhal Gorge near the Dzhur-Dzhur waterfall on the East Ulu-Uzen River, Crimean Nature Reserve, upper reaches of the Alma River; Bakhchysaraiskyi district, near the Bakhchysarai town, Sokolyne and Mashyne villages, Chufut-Kale rock (Червона..., 2009; Перелік..., 2021a, 6). The species is scientifically significant as a relict (tertiary) one.

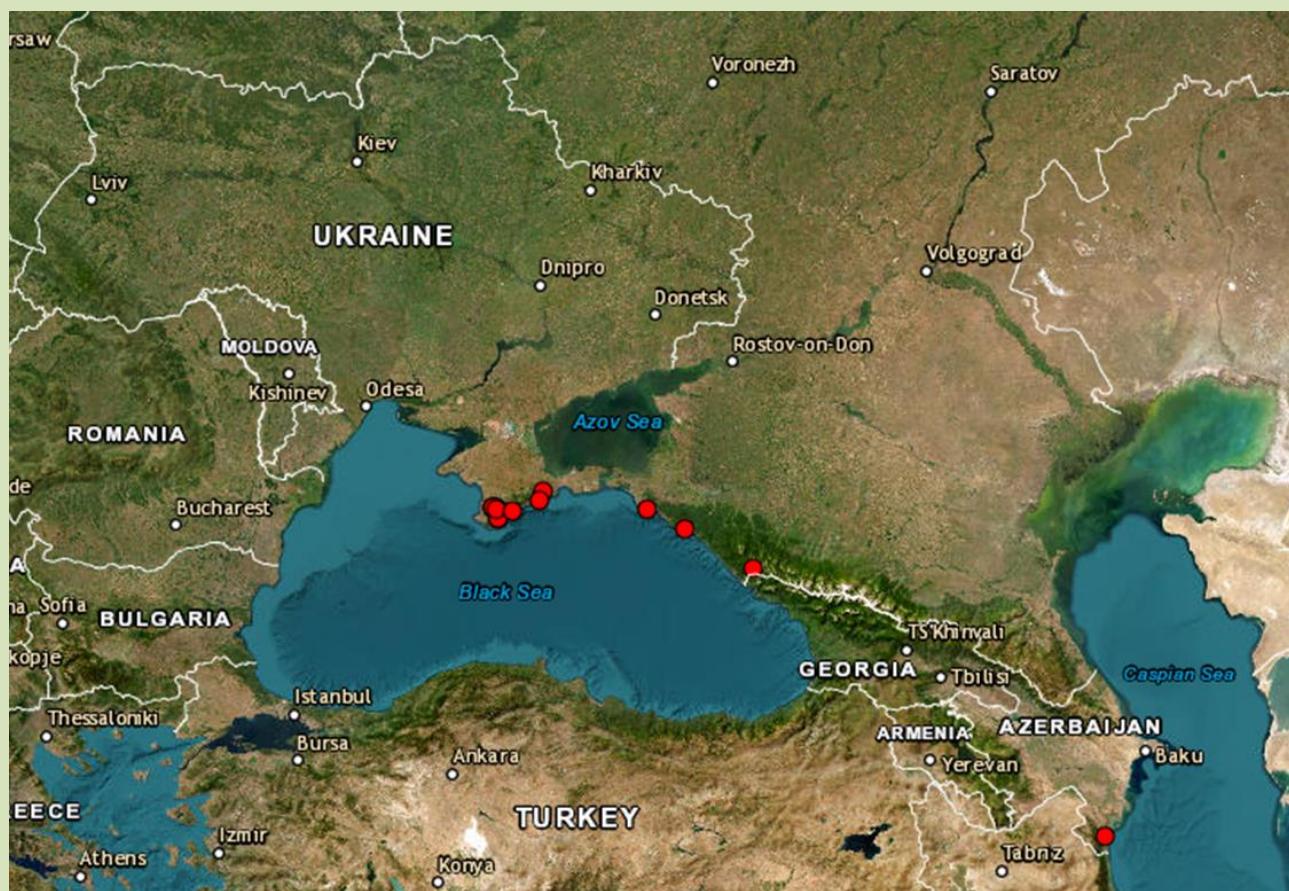


Fig. 1. Findings of *Palamocladium euchloron* (Müll. Hal.) Wijk et Margad. in the collection of SMNH (according DCBU <<http://dc.smnh.org/>>).

This moss grows on the soil, on shaded limestone rocks and stones in oak and beech forests. The plant is dioecious. In the Crimea it does not form sporogonies and reproduces vegetatively. *Palamocladium euchloron* (Müll. Hal.) Wijk et Margad. is protected in the

Crimean Nature Reserve, Khapkalskyi hydrological reserve and the Agarmyskyi Forest landmark of nature (Червона..., 2009).

The species is recorded for the Staryi Krym vicinity in the work of M.P. Slobodian (Слободян, 1969). The species is given in the study of fossil Pliocene bryoflora for the territory of Poland (Szafran, 1948; Зеров, 1975).

Specimens of the *Palamocladium euchloron* (Müll. Hal.) Wijk et Margad., represented in the SMNH collection, were collected from the territory of the Crimean Peninsular (Bakhchysarai (Slobodian, 1969), Kirovsky district (Slobodian, 1966), Sudak town (Slobodian, 1968), Sokolyne village (Slobodian, 1969), Mashyne village (Slobodian, 1969), Golovkinskyi waterfall (Melnychuk, 1954); from the territory of Krasnodar Krai (Russia) territory were collected in Krasnaia Poliana (Lazarenko, 1937), from the territory of Azerbaijan near Novo-Alekseevka village (Окснеп, 1936).

The museum collection contains 14 specimens of *Palamocladium euchloron* (Müll. Hal.) Wijk et Margad. Two specimens are exsiccates (Institutum Botanicum nomine V.L. Komarivii Academiae Scientiarum URSS, 1961).

Samples were collected by M.P. Slobodian, V.M. Melnychuk, A.S. Lazarenko, A.M. Oksner. Exsiccates were collected by I.I. Abramov and A.L. Abramova.

Most specimens were collected in the second half of the 20th century. The specimens of A.S. Lazarenko and A.M. Oksner belong to the first half of the 20th century.

The species has been included into the Red Data Book of Ukraine with conservation status: Rare.

The 2023 issue of the catalogue of the digitized collections, deposited in the State Museum of Natural History, National Academy of Sciences of Ukraine contains an article about the genus *Bazzania* Gray (Lepidoziaceae, Jungermanniales) (Savytska, 2023).

This article was written with the support of the National Research Foundation of Ukraine, call 2022.01 «Science for the Recovery of Ukraine in the War and Post-War Periods» the project 2022.01/0013 «Digitization of natural history collections damaged as a result of hostilities and related factors: development of protocols and implementation on the basis of the State Museum of Natural History of the National Academy of Sciences of Ukraine». The contents of this article do not necessarily reflect the views of the National Research Foundation of Ukraine and are the sole responsibility of the State Museum of Natural History, NAS of Ukraine.

## *Palamocladium euchloron* (Müll. Hal.) Wijk et Margad.



Inventory number: **БМ-М 15675**  
Digital record number: **SMNH010719**  
Data Centre “Biodiversity of Ukraine”: **ID 71280**

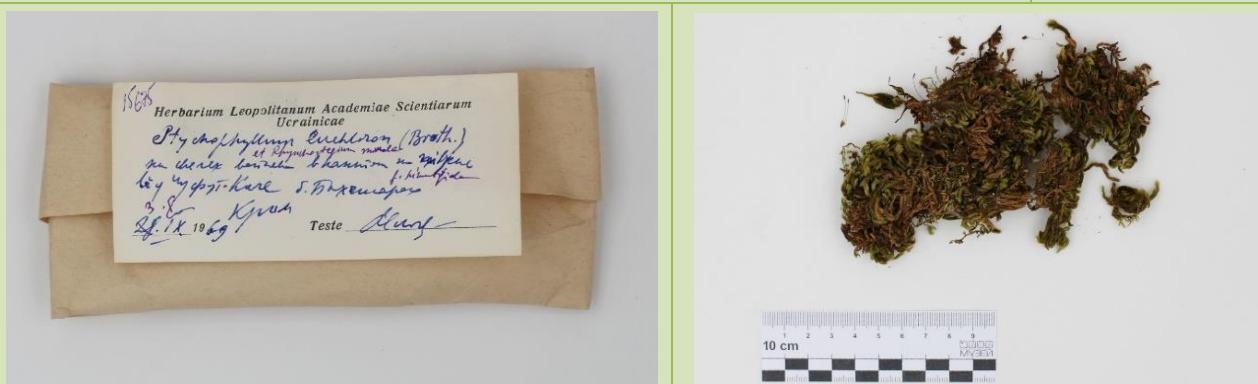


Fig. 2. Specimen of *Palamocladium euchloron* (Müll. Hal.) Wijk et Margad. in the SMNH collection.

*Collection Type:* MuseumCollection/Specimen; *Count:* 1; *Event Date:* 1969-10-03; *Country:* Ukraine; *State Province:* Crimea AR; *District:* Bakhchysaraisky; *Municipality:* Bakhchysarai; *Reserve:* - ; *Georegion:* CrMts: Crimean Forest-Steppe Upland; *Locality:* Chufut-Kale tract; *Habitat:* Chufut-Kale tract; *Leg:* Slobodian M.P.; *Det:* Slobodian M.P.; *Institution Code:* SMNH LWS; *Citation:* - ; *Remarks:* - .

## *Palamocladium euchloron* (Müll. Hal.) Wijk et Margad.



Inventory number: **БМ-М 15676**  
Digital record number: **SMNH010720**  
Data Centre “Biodiversity of Ukraine”: **ID 71281**

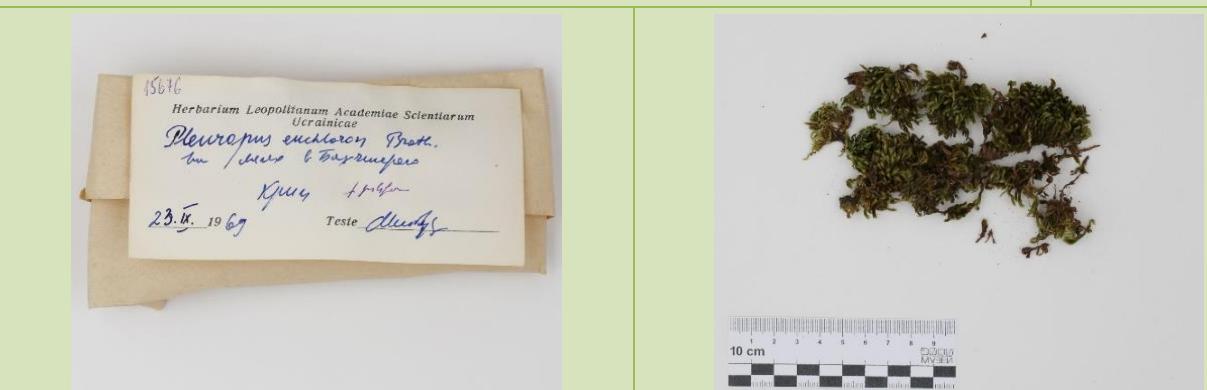


Fig. 3. Specimen of *Palamocladium euchloron* (Müll. Hal.) Wijk et Margad. in the SMNH collection.

*Collection Type:* MuseumCollection/Specimen; *Count:* 1; *Event Date:* 1969-09-23; *Country:* Ukraine; *State Province:* Crimea AR; *District:* Bakhchysaraisky; *Municipality:* Bakhchysarai; *Reserve:* - ; *Georegion:* CrMts: Crimean Forest-Steppe Upland; *Locality:* - ; *Habitat:* on the rocks; *Leg:* Slobodian M.P.; *Det:* Slobodian M.P.; *Institution Code:* SMNH LWS; *Citation:* - ; *Remarks:* - .

## *Palamocladium euchloron* (Müll. Hal.) Wijk et Margad.



Inventory number: **БМ-М 15677**  
Digital record number: **SMNH010721**  
Data Centre “Biodiversity of Ukraine”: **ID 71282**

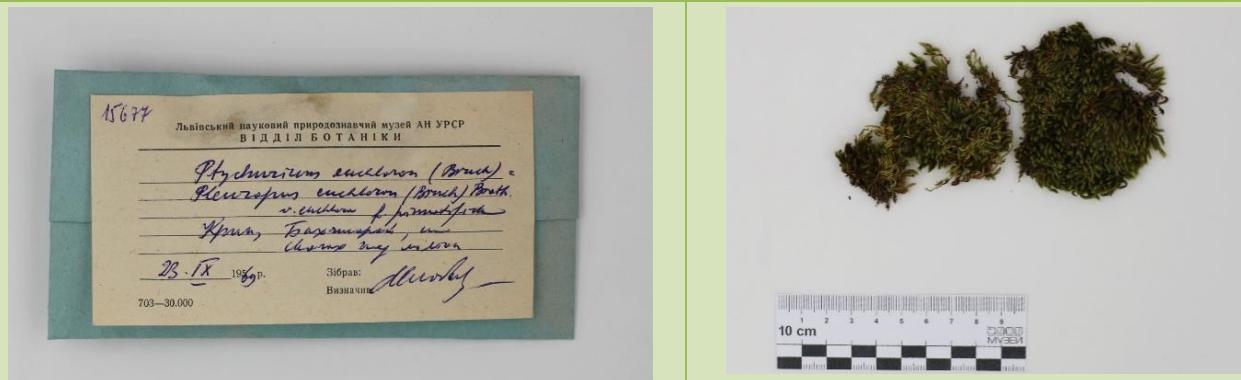


Fig. 4. Specimen of *Palamocladium euchloron* (Müll. Hal.) Wijk et Margad. in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1969-09-23; *Country*: Ukraine; *State Province*: Crimea AR; *District*: Bakhchysaraisky; *Municipality*: Bakhchysarai; *Reserve*: - ; *Georegion*: CrMts: Crimean Forest-Steppe Upland; *Locality*: - ; *Habitat*: on the rocks; *Leg*: Slobodian M.P.; *Det*: Slobodian M.P.; *Institution Code*: SMNH LWS; *Citation*: - ; *Remarks*: - .

## *Palamocladium euchloron* (Müll. Hal.) Wijk et Margad.



Inventory number: **БМ-М 15678**  
Digital record number: **SMNH010722**  
Data Centre “Biodiversity of Ukraine”: **ID 71295**

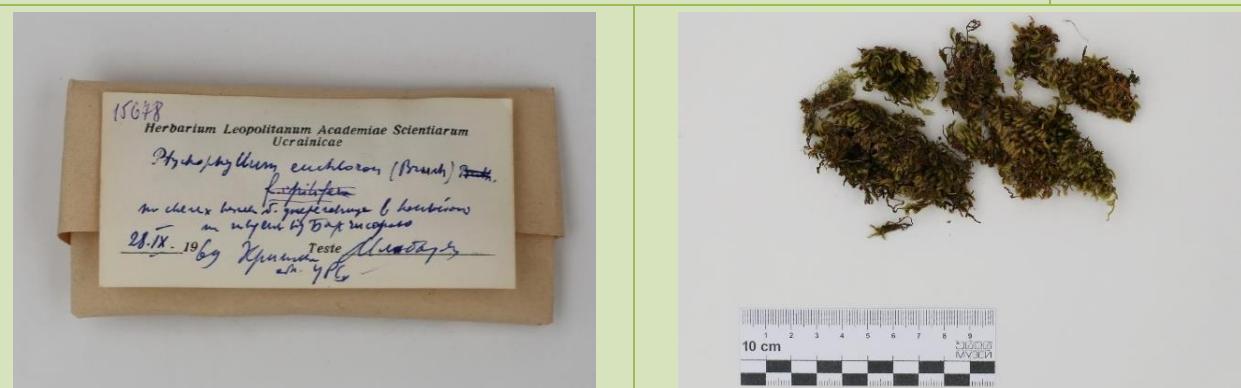


Fig. 5. Specimen of *Palamocladium euchloron* (Müll. Hal.) Wijk et Margad. in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1969-09-28; *Country*: Ukraine; *State Province*: Crimea AR; *District*: Bakhchysaraisky; *Municipality*: Bakhchysarai; *Reserve*: - ; *Georegion*: CrMts: Crimean Forest-Steppe Upland; *Locality*: - ; *Habitat*: on the rocks near the spring; *Leg*: Slobodian M.P.; *Det*: Slobodian M.P.; *Institution Code*: SMNH LWS; *Citation*: - ; *Remarks*: - .

## *Palamocladium euchloron* (Müll. Hal.) Wijk et Margad.



Inventory number:

**БМ-М 15679**

Digital record number:

**SMNH010723**

Data Centre “Biodiversity of Ukraine”:

**ID 71296**

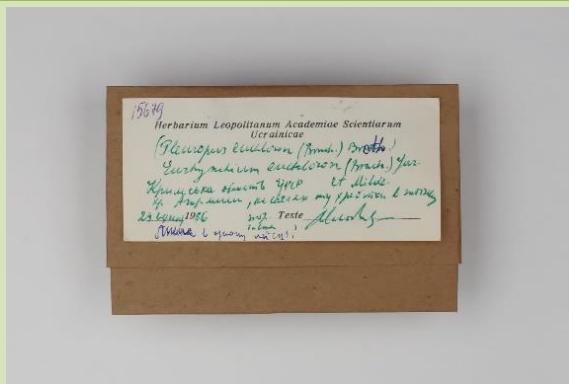


Fig. 6. Specimen of *Palamocladium euchloron* (Müll. Hal.) Wijk et Margad. in the SMNH collection.

**Collection Type:** MuseumCollection/Specimen; **Count:** 1; **Event Date:** 1966-09-29; **Country:** Ukraine; **State Province:** Crimea AR; **District:** Kirovskyi; **Municipality:** -; **Reserve:** - ; **Georegion:** CrMts: Crimean Forest-Steppe Upland; **Locality:** - ; **Habitat:** on the rocks of the ridge in the shade; **Leg:** Slobodian M.P.; **Det:** Slobodian M.P.; **Institution Code:** SMNH LWS; **Citation:** - ; **Remarks:** - .

## *Palamocladium euchloron* (Müll. Hal.) Wijk et Margad.



Inventory number:

**БМ-М 15680**

Digital record number:

**SMNH010724**

Data Centre “Biodiversity of Ukraine”:

**ID 71299**



Fig. 7. Specimen of *Palamocladium euchloron* (Müll. Hal.) Wijk et Margad. in the SMNH collection.

**Collection Type:** MuseumCollection/Specimen; **Count:** 1; **Event Date:** 1968-10-13; **Country:** Ukraine; **State Province:** Crimea AR; **District:** Feodosiyskyi; **Municipality:** Sudak; **Reserve:** - ; **Georegion:** CrMts: Crimean South Coast Submediterranean region; **Locality:** deciduous forest; **Habitat:** rocks in the shade; **Leg:** Slobodian M.P.; **Det:** Slobodian M.P.; **Institution Code:** SMNH LWS; **Citation:** - ; **Remarks:** - .

## *Palamocladium euchloron* (Müll. Hal.) Wijk et Margad.



Inventory number:

**EM-M 15681**

Digital record number:

**SMNH010725**

Data Centre “Biodiversity of Ukraine”:

**ID 71301**

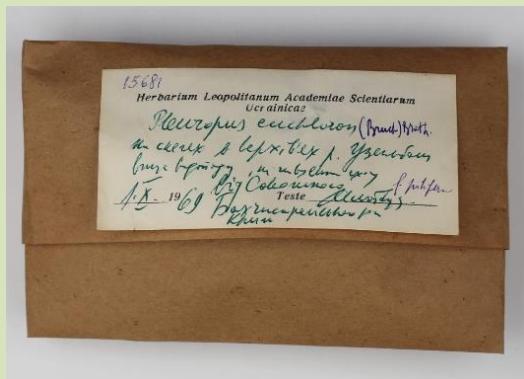


Fig. 8. Specimen of *Palamocladium euchloron* (Müll. Hal.) Wijk et Margad. in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1969-10-01; *Country*: Ukraine; *State Province*: Crimea AR; *District*: Bakhchysaraiskyi; *Municipality*: Sokolyne; *Reserve*: - ; *Georegion*: CrMts: Crimean Mts; *Locality*: - ; *Habitat*: on the rocks; *Leg*: Slobodian M.P.; *Det*: Slobodian M.P.; *Institution Code*: SMNH LWS; *Citation*: - ; *Remarks*: - .

## *Palamocladium euchloron* (Müll. Hal.) Wijk et Margad.



Inventory number:

**EM-M 15682**

Digital record number:

**SMNH010726**

Data Centre “Biodiversity of Ukraine”:

**ID 71302**

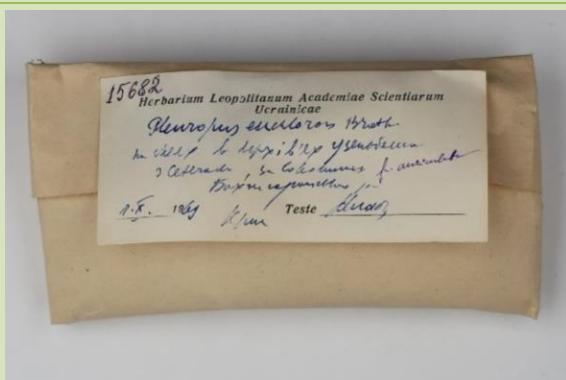


Fig. 9. Specimen of *Palamocladium euchloron* (Müll. Hal.) Wijk et Margad. in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1969-10-01; *Country*: Ukraine; *State Province*: Crimea AR; *District*: Bakhchysaraiskyi; *Municipality*: Sokolyne; *Reserve*: - ; *Georegion*: CrMts: Crimean Mts; *Locality*: - ; *Habitat*: on the rocks; *Leg*: Slobodian M.P.; *Det*: Slobodian M.P.; *Institution Code*: SMNH LWS; *Citation*: - ; *Remarks*: - .

## *Palamocladium euchloron* (Müll. Hal.) Wijk et Margad.



Inventory number:

**БМ-М 15683**

Digital record number:

**SMNH010727**

Data Centre “Biodiversity of Ukraine”:

**ID 71303**

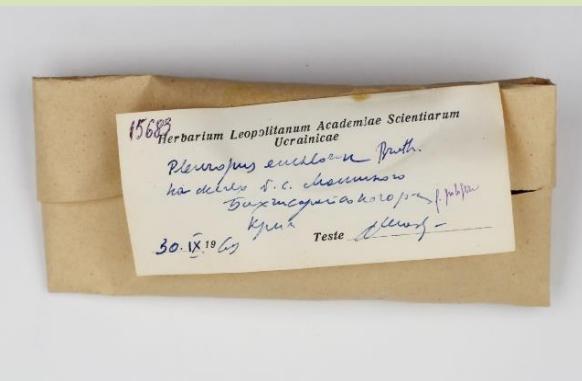


Fig. 10. Specimen of *Palamocladium euchloron* (Müll. Hal.) Wijk et Margad. in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1969-09-30; *Country*: Ukraine; *State Province*: Crimea AR; *District*: Bakhchysaraisky; *Municipality*: Mashyne; *Reserve*: - ; *Georegion*: SZ: Szs: CrSL: Central Crimean Upland; *Locality*: - ; *Habitat*: - ; *Leg*: Slobodian M.P.; *Det*: Slobodian M.P.; *Institution Code*: SMNH LWS; *Citation*: - ; *Remarks*: - .

## *Palamocladium euchloron* (Müll. Hal.) Wijk et Margad.



Inventory number:

**БМ-М 15684**

Digital record number:

**SMNH010728**

Data Centre “Biodiversity of Ukraine”:

**ID 71304**

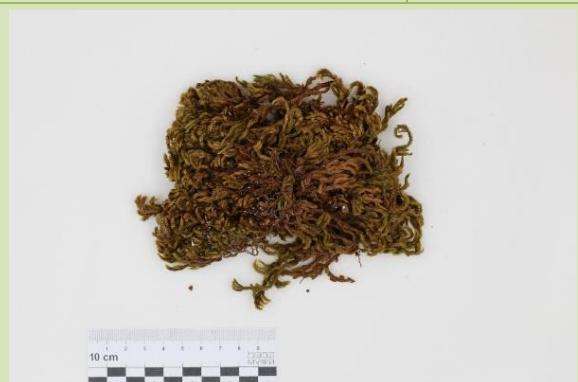
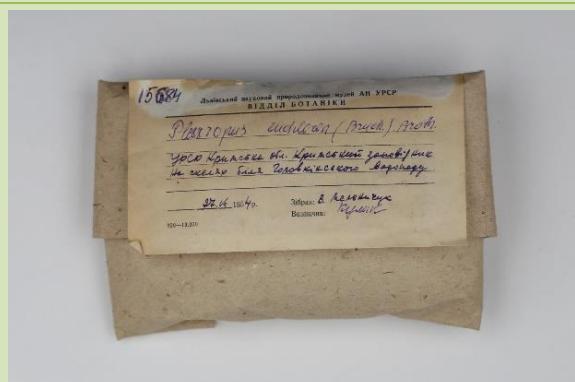


Fig. 11. Specimen of *Palamocladium euchloron* (Müll. Hal.) Wijk et Margad. in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1954-07-27; *Country*: Ukraine; *State Province*: Crimea AR; *District*: - ; *Municipality*: - ; *Reserve*: NR Krymsky; *Georegion*: CrMts: Crimean South Coast Submediterranean region; *Locality*: waterfall Holovkinskoho; *Habitat*: on the rocks; *Leg*: Melnychuk V.M.; *Det*: Kulyk T.H.; *Institution Code*: SMNH LWS; *Citation*: - ; *Remarks*: - .

## *Palamocladium euchloron* (Müll. Hal.) Wijk et Margad.



Inventory number:

БМ-М 15685

Digital record number:

SMNHM010729

Data Centre “Biodiversity of Ukraine”:

ID 71308

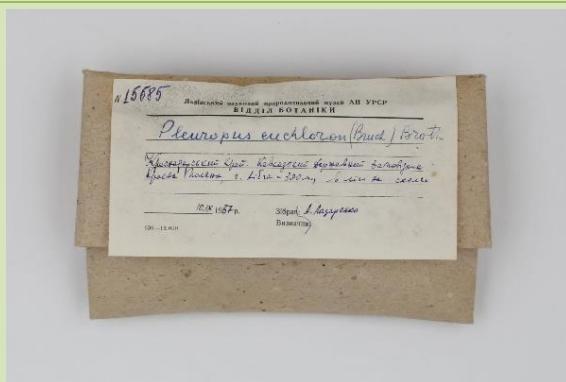


Fig. 12. Specimen of *Palamocladium euchloron* (Müll. Hal.) Wijk et Margad. in the SMNH collection.

**Collection Type:** MuseumCollection/Specimen; **Count:** 1; **Event Date:** 1937-09-10; **Country:** Russia; **State Province:** Krasnodarskyi Krai; **District:** - ; **Municipality:** Krasna Poliana; **Reserve:** - ; **Georegion:** - ; **Locality:** Aibha mountain, in the forest; **Habitat:** on the rocks; **Leg:** Lazarenko A.; **Det:** Lazarenko A.; **Institution Code:** SMNH LWS; **Citation:** - ; **Remarks:** - .

## *Palamocladium euchloron* (Müll. Hal.) Wijk et Margad.



Inventory number:

БМ-М 15686

Digital record number:

SMNHM010730

Data Centre “Biodiversity of Ukraine”:

ID 71310

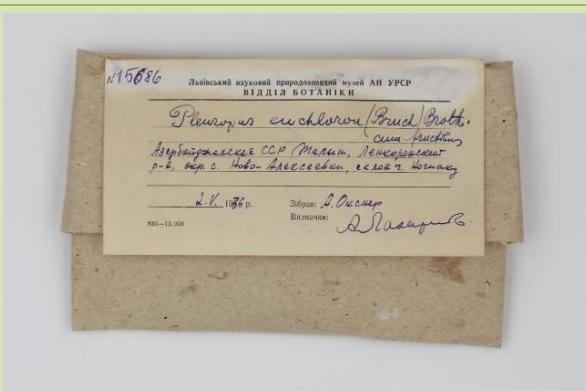


Fig. 13. Specimen of *Palamocladium euchloron* (Müll. Hal.) Wijk et Margad. in the SMNH collection.

**Collection Type:** MuseumCollection/Specimen; **Count:** 1; **Event Date:** 1936-05-02; **Country:** Azerbaijan; **State Province:** - ; **District:** - ; **Municipality:** Novo-Alieksieievka; **Reserve:** - ; **Georegion:** - ; **Locality:** mountain slope; **Habitat:** - ; **Leg:** Oksner A.; **Det:** - ; **Institution Code:** SMNH LWS; **Citation:** - ; **Remarks:** - .

## *Palamocladium euchloron* (Müll. Hal.) Wijk et Margad.

Inventory number:

**ЕМ-М 15687**

Digital record number:

**SMNH010731**

Data Centre “Biodiversity of Ukraine”:

**ID 71311**

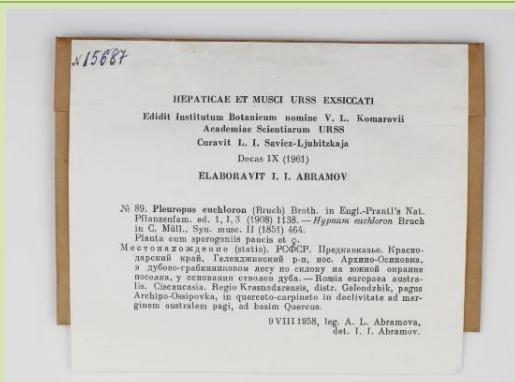


Fig. 14. Specimen of *Palamocladium euchloron* (Müll. Hal.) Wijk et Margad. in the SMNH collection.

**Collection Type:** MuseumCollection/Specimen; **Count:** 1; **Event Date:** 1958-08-09; **Country:** Russia; **State Province:** Krasnodarskyi Krai; **District:** - ; **Municipality:** Arkhipo-Osypovka; **Reserve:** - ; **Georegion:** - ; **Locality:** in an oak-hornbeam forest on a slope on the southern edge of the village; **Habitat:** base of the oak trunk; **Leg:** Abramova A.L.; **Det:** Abramov I.I.; **Institution Code:** SMNH LWS; **Citation:** - ; **Remarks:** Exsiccati (1961).

## *Palamocladium euchloron* (Müll. Hal.) Wijk et Margad.

Inventory number:

**ЕМ-М 15688**

Digital record number:

**SMNH010732**

Data Centre “Biodiversity of Ukraine”:

**ID 71316**

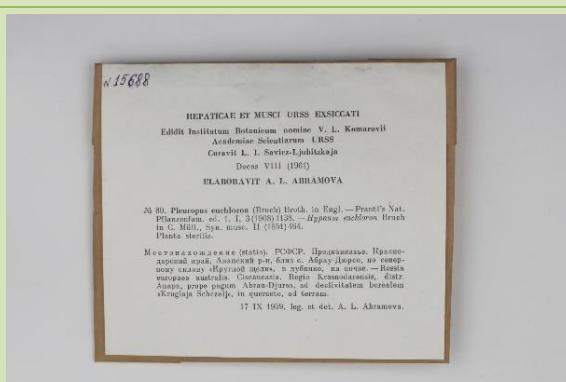


Fig. 15. Specimen of *Palamocladium euchloron* (Müll. Hal.) Wijk et Margad. in the SMNH collection.

**Collection Type:** MuseumCollection/Specimen; **Count:** 1; **Event Date:** 1959-09-17; **Country:** Russia; **State Province:** Krasnodarskyi Krai; **District:** - ; **Municipality:** Abrau-Diurso; **Reserve:** - ; **Georegion:** - ; **Locality:** in an oak forest; **Habitat:** on the soil; **Leg:** Abramova A.L.; **Det:** Abramova A.L.; **Institution Code:** SMNH LWS; **Citation:** - ; **Remarks:** Exsiccati (1961).

Зеров Д. К., Партика Л. Я. Мохоподібні Українських Карпат. К.: Наук. думка, 1975. 230 с.

Перелік видів рослин та грибів, що заносяться до Червоної книги України (рослинний світ). Наказ Міністерства захисту довкілля та природних ресурсів України 15 лютого 2021а року №111. URL: <http://surl.li/slvsy>

Перелік видів рослин та грибів, що виключені з Червоної книги України (рослинний світ). Наказ Міністерства захисту довкілля та природних ресурсів України 15 лютого 2021б року №111. URL: <http://surl.li/slvt0>

Слободян М.П. Брюфлористичні нотатки з околиць Старого Криму. Український ботанічний журнал. 1969. 26, № 3. С.86-87.

Червона книга України. Рослинний світ / За заг. ред. чл.-кор. НАН України Я.П. Дідуха. К.: «Глобалконсалтинг», 2009. 911 с.

Savytska A. Catalogue of specimens of genus *Bazzania* Gray (Lepidoziaceae, Jungermanniales) deposited in the State Museum of Natural History NASU, Lviv, Ukraine. *Catalogue of the digitized collections, deposited in the State Museum of Natural History, National Academy of Sciences of Ukraine.* Iss. 1. Herbarium, entomological & mammalogical collections. Lviv, 2023. P.5-37.

Szafran B. Przezytki z epok ubiegłych we florze mchów Polski i wschodnich krajów sąsiednich. *Ochrona Przyrody*, Kraków. 1948. 18. S.41-65.

**CATALOGUE OF ASPLENIUM SEPTENTRIONALE (L.) (TRACHEOPHYTA,  
POLYPODIOPSIDA, ASPLENIACEAE) SPECIMENS DEPOSITED IN THE  
STATE MUSEUM OF NATURAL HISTORY NASU, LVIV, UKRAINE**

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**DOI:** <https://doi.org/10.36885/cdcsmnh.2024.22>

The detailed analysis of origin of the *Asplenium septentrionale* (L.) Hoffm. specimens, deposited in the main collection of vascular plants' herbarium in the SMNH NASU, has been carried out.

*Asplenium septentrionale* (L.) Hoffm. – northern spleenwort – is a perennial fern of the genus *Asplenium*, the family Aspleniaceae, a Holarctic petrophilous species with a disjunctive Eurasian-North American natural range (Europe, the Caucasus, Central Asia, Western Siberia, Mongolia, Himalayas, Far East, North America). Its localities are confined to petrophilic communities, mainly on granite outcrops devoid of calcium (rock crevices, rocky slopes, landslides, boulders, shady spruce forests, etc.), and the species rises to the upper mountain belt.

In Ukraine, this species occurs within the Carpathians, the Crimea, Steppe (Prydnipovska and Azov uplands, Donetsk Ridge) and Forest-Steppe (Volynska and Prydnipovska uplands) zones, Polissya (occasionally in Volynske and Zhytomyrske Polissya) (Безсмертна, Перегрим, Вашека, Безсмертна, 2011, Вашека, Безсмертна, 2012).

*Asplenium septentrionale* (L.) Hoffm. has been included into the official lists of regionally rare plants in many regions of Ukraine (Dnipropetrovska, Donetska, Zhytomyrska, Zaporizka, Ivano-Frankivska, Kyivska, Kirovohradska, Luhanska, Rivnenska, Chernivetska provinces and the Autonomous Republic of the Crimea).

The main collection of the Herbarium of Vascular Plants in the SMNH NASU contains 26 herbarium specimens of *A. septentrionale* (L.) Hoffm., all being included into the electronic database "Biodiversity of Ukraine" (<http://dc.smnh.org/>) and digitized.

The geography of the herbarium collections of *A. septentrionale* (L.) Hoffm. (Fig. 1), besides the modern territory of Ukraine (Dnipropetrovska (1901), Donetska (1939, 1947, 1965, 1966), Zhytomyrska (1949), Zakarpatska (1948, 1957, 1961, 1969), Ivano-Frankivska (1967), Kirovohradska (1900), Rivnenska (1948) provinces and the Autonomous Republic of the Crimea (1900)), has been represented also by the territories of Poland (1905), Czech Republic, Slovakia, Austria, Romania (1905), Finland (1898) and the Russian Federation (North Ossetia, 1898). In descending order of the number of collected herbarium specimens with the participation of 16 collectors, the following series has been formed: Slobodian M. (3 herbarium specimens), Vainagii I. (2), Voloshchak E. (2), Hanieshyn S. (2), Lazebna A. (2), Malynovskyi K. (2), Zinger M. (2), Berko J. (1), Golde K. (1), Kotov M, Karnaukh E. (1), Markovich V. (1), Melnychuk V. (1), Rheman A. (1), Stoyko S. (1), Finn V. (1), Khrzhyzhanovskyi V., Lazebna A. (1), Shokhin V. (1). The chronology of the herbarium collections covers the period from 1898 to 1969. The earliest specimens (second half of the

19th century) were collected in Finland (V. Shokhin collection) and North Ossetia (V. Markovych collection).



Fig. 1. Findings of *Asplenium septentrionale* (L.) Hoffm. in the collection of SMNH (according <<http://dc.smnh.org/>>).

The 2023 issue of the catalogue of the digitized collections, deposited in the State Museum of Natural History, National Academy of Sciences of Ukraine contains an article about the *Asplenium viride* Huds. (Aspleniaceae, Polypodiopsida, Polypodiophyta) (Kuzyarin, 2023).

This article was written with the support of the National Research Foundation of Ukraine, call 2022.01 «Science for the Recovery of Ukraine in the War and Post-War Periods» the project 2022.01/0013 «Digitization of natural history collections damaged as a result of hostilities and related factors: development of protocols and implementation on the basis of the State Museum of Natural History of the National Academy of Sciences of Ukraine». The contents of this article do not necessarily reflect the views of the National Research Foundation of Ukraine and are the sole responsibility of the State Museum of Natural History, NAS of Ukraine.

## *Asplenium septentrionale* (L.) Hoffm.



Inventory number:

140

Digital record number:

SMNH001627

Data Centre “Biodiversity of Ukraine”:

ID 23391

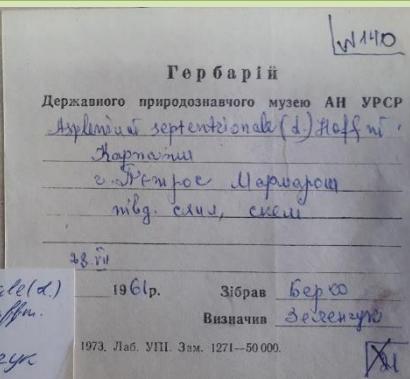
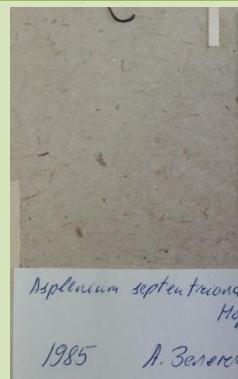


Fig. 2. Specimen of *Asplenium septentrionale* (L.) Hoffm. in the SMNH collection.

**Collection Type:** MuseumCollection/Specimen; **Count:** 1; **Event Date:** 1961-07-28; **Country:** Ukraine; **State Province:** Zakarpatska; **District:** Rakhivskyi; **Reserve:** BR Carpathian: Chornohora protected massif; **Georegion:** UC: PlChr – Polonynsko-Chernohirska region; **Locality:** Petros Mt.; **Habitat:** rocks; **Leg:** Berko J.; **Det:** Zelenchuk A.; **Institution Code:** SMNH LWS; **Citation:** - ; **Remarks:** - .

## *Asplenium septentrionale* (L.) Hoffm.



Inventory number:

141

Digital record number:

SMNH001628

Data Centre “Biodiversity of Ukraine”:

ID 23392

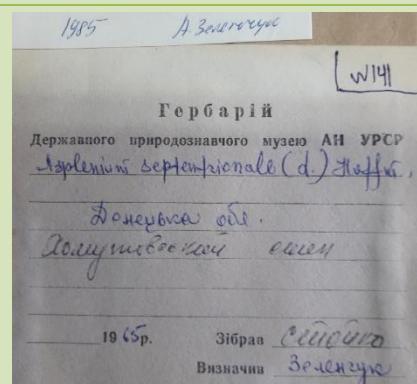
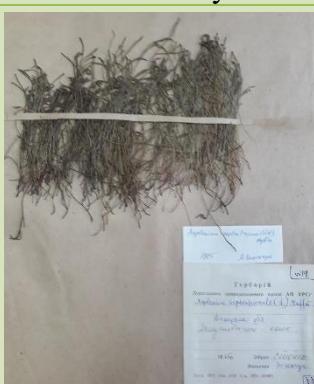
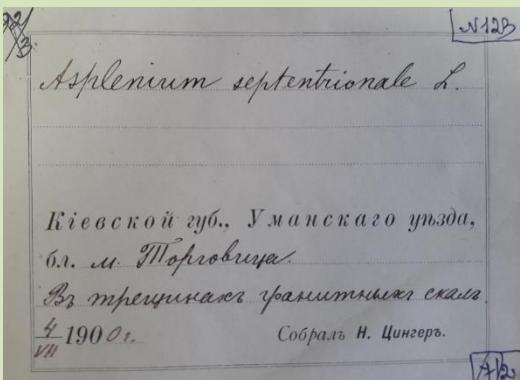
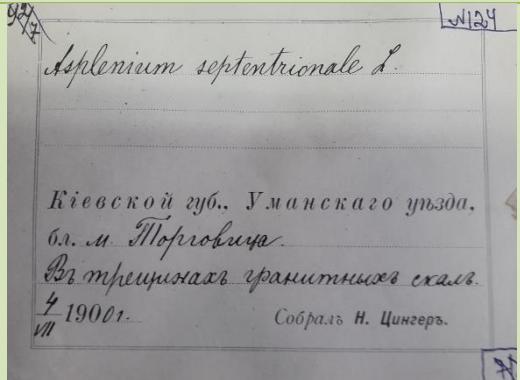


Fig. 3. Specimen of *Asplenium septentrionale* (L.) Hoffm. in the SMNH collection.

**Collection Type:** MuseumCollection/Specimen; **Count:** 1; **Event Date:** 1965-00-00; **Country:** Ukraine; **State Province:** Donetska; **District:** Boikivskyi; **Municipality:** Samsonove; **Reserve:** NR Ukrainskyi stepovy: Khomutovskyi steppe; **Georegion:** SZ: SZN: DntsL: Donets Upland; **Locality:** Khomutovskyi steppe; **Habitat:** rocks; **Leg:** Stoiko S.M.; **Det:** Zelenchuk A.; **Institution Code:** SMNH LWS; **Citation:** - ; **Remarks:** - .

***Asplenium septentrionale* (L.) Hoffm.**Inventory number: **123**Digital record number: **SMNH001629**Data Centre “Biodiversity of Ukraine”: **ID 23393**Fig. 4. Specimen of *Asplenium septentrionale* (L.) Hoffm. in the SMNH collection.

**Collection Type:** MuseumCollection/Specimen; **Count:** 1; **Event Date:** 1900-07-04; **Country:** Ukraine; **State Province:** Kirovohradska; **District:** Novoarkhanhelskyi; **Municipality:** Torhovytsia; **Georegion:** - ; **Habitat:** rocks; **Leg:** Tsynher M.; **Det:** Tsynher M.; **Institution Code:** SMNH LWS; **Citation:** - ; **Remarks:** - .

***Asplenium septentrionale* (L.) Hoffm.**Inventory number: **124**Digital record number: **SMNH001630**Data Centre “Biodiversity of Ukraine”: **ID 23394**Fig. 5. Specimen of *Asplenium septentrionale* (L.) Hoffm. in the SMNH collection.

**Collection Type:** MuseumCollection/Specimen; **Count:** 1; **Event Date:** 1900-07-04; **Country:** Ukraine; **State Province:** Kirovohradska; **District:** Novoarkhanhelskyi; **Municipality:** Torhovytsia; **Georegion:** - ; **Habitat:** rocks; **Leg:** Tsynher M.; **Det:** Tsynher M.; **Institution Code:** SMNH LWS; **Citation:** - ; **Remarks:** - .

## *Asplenium septentrionale* (L.) Hoffm.



Inventory number:

**139**

Digital record number:

**SMNH001631**

Data Centre “Biodiversity of Ukraine”:

**ID 23395**

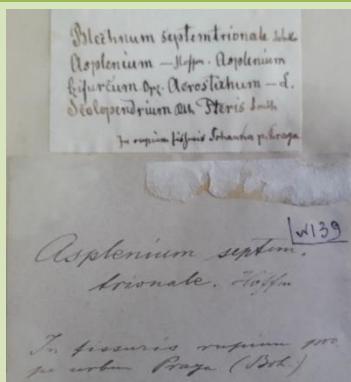


Fig. 6. Specimen of *Asplenium septentrionale*(L.) Hoffm. in the SMNH collection.

**Collection Type:** MuseumCollection/Specimen; **Count:** 1; **Event Date:** 0000-00-00;  
**Country:** Czech Republic; **Municipality:** Praha; **Habitat:** rocks; **Leg:** - ; **Det:** - ;  
**Institution Code:** SMNH LWS; **Citation:** - ; **Remarks:** - .

## *Asplenium septentrionale* (L.) Hoffm.



Inventory number:

**125**

Digital record number:

**SMNH001632**

Data Centre “Biodiversity of Ukraine”:

**ID 23396**

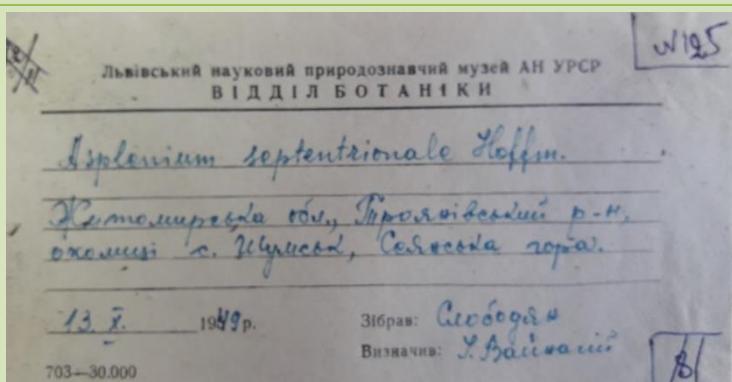
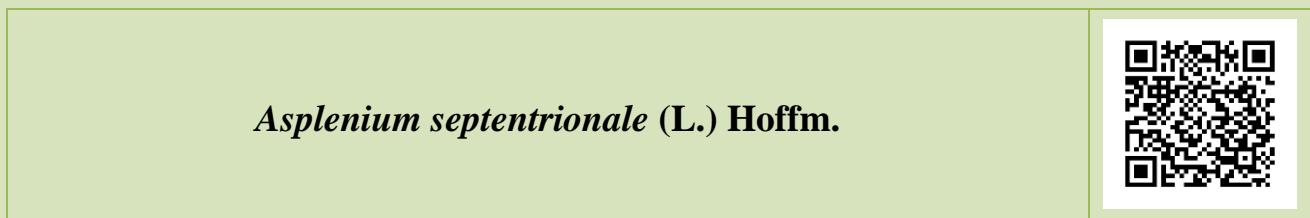


Fig. 7. Specimen of *Asplenium septentrionale* (L.) Hoffm. in the SMNH collection.

**Collection Type:** MuseumCollection/Specimen; **Count:** 1; **Event Date:** 1949-10-13;  
**Country:** Ukraine; **State Province:** Zhytomyrska; **District:** Zhytomyrskyi; **Municipality:** Shumsk; **Locality:** Soianska hora Mt.; **Habitat:** rocks; **Leg:** Slobodian M.; **Det:** Vainahii I.;  
**Institution Code:** SMNH LWS; **Citation:** - ; **Remarks:** - .

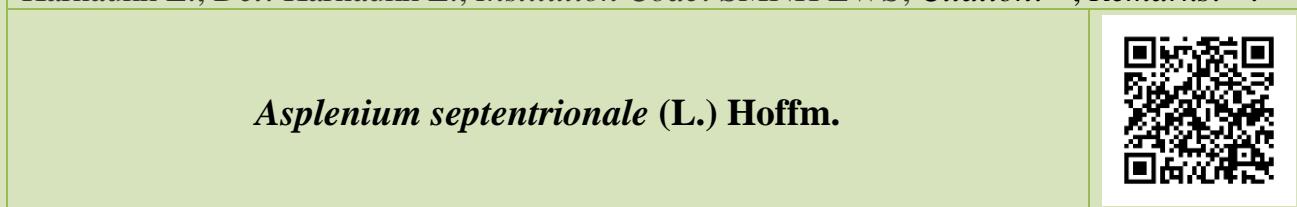


### *Asplenium septentrionale* (L.) Hoffm.

Inventory number:	126
Digital record number:	SMNH001633
Data Centre “Biodiversity of Ukraine”:	ID 23397
	<p style="text-align: right;">N126</p> <p>Herbarium Instituti Botanici Ucr. RSS.</p> <p><i>Asplenium septentrionale</i> (L.) Hoffm Східнаєвськ оз., Суемпенек. на дні річки в селі Каменівка на камені в ущелині к берегу річки нераніків.</p> <p>24/VI 1939 Leg. M. Kotov Determin. E. Karnaugh</p> <p>Київ. Горант 29931. Тип. АН УССР, з. 1373—6003.</p>

Fig. 8. Specimen of *Asplenium septentrionale* (L.) Hoffm. in the SMNH collection.

**Collection Type:** MuseumCollection/Specimen; **Count:** 1; **Event Date:** 1939-06-24; **Country:** Ukraine; **State Province:** Donetsk; **District:** Volnovaskyi; **Municipality:** Andriivka; **Georegion:** SZ: SZN: DntsL: Donets Upland; **Habitat:** rocks; **Leg:** Kotov M. & Karnaugh E.; **Det:** Karnaugh E.; **Institution Code:** SMNH LWS; **Citation:** - ; **Remarks:** - .



### *Asplenium septentrionale* (L.) Hoffm.

Inventory number:	138
Digital record number:	SMNH001634
Data Centre “Biodiversity of Ukraine”:	ID 23502
	<p style="text-align: right;">N138</p> <p>Музей Наукового Товариства ім. Шевченка у Львові.</p> <p><i>Asplenium septentrionale</i> Hoffm. <i>Asplenium schizolobum</i> vis. <i>Aspergillum</i> Pitcairne, Austria inf.</p> <p>24. oct. 1885 E. Woloszczak</p>

Fig. 9. Specimen of *Asplenium septentrionale* (L.) Hoffm. in the SMNH collection.

**Collection Type:** MuseumCollection/Specimen; **Count:** 1; **Event Date:** 1885-10-24; **Country:** Austria; **Municipality:** Aspang; **Leg:** Woloszczak E.; **Det:** Woloszczak E.; **Institution Code:** SMNH LWS; **Citation:** - ; **Remarks:** - .

## *Asplenium septentrionale* (L.) Hoffm.



Inventory number:

134

Digital record number:

SMNH001635

Data Centre “Biodiversity of Ukraine”:

ID 23503

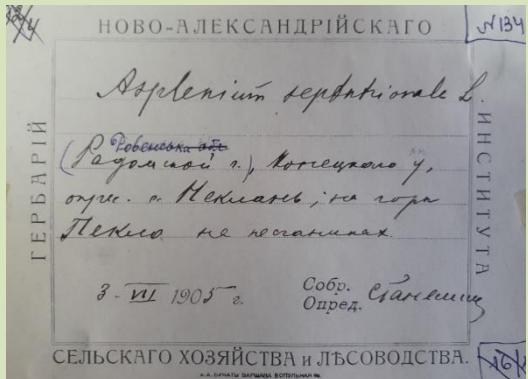


Fig. 10. Specimen of *Asplenium septentrionale* (L.) Hoffm. in the SMNH collection.

*Collection Type:* MuseumCollection/Specimen; *Count:* 1; *Event Date:* 1905-07-03; *Country:* Poland; *Municipality:* Niekłań Wielki; *Locality:* Reserwat Skalki Pieklo pod Niekłaniem; *Habitat:* rocks; *Leg:* Ganieshyn S.; *Det:* Ganieshyn S.; *Institution Code:* SMNH LWS; *Citation:* - ; *Remarks:* - .

## *Asplenium septentrionale* (L.) Hoffm.



Inventory number:

135

Digital record number:

SMNH001636

Data Centre “Biodiversity of Ukraine”:

ID 23517

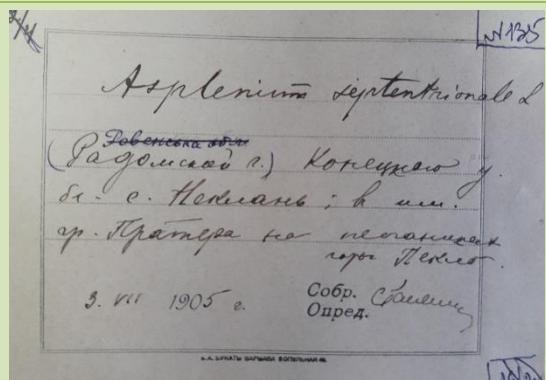
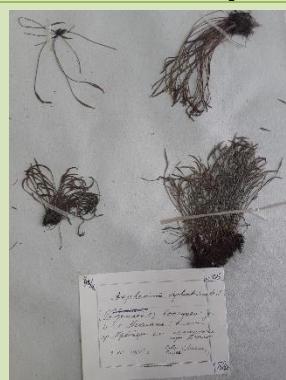


Fig. 11. Specimen of *Asplenium septentrionale* (L.) Hoffm. in the SMNH collection.

*Collection Type:* MuseumCollection/Specimen; *Count:* 1; *Event Date:* 1905-07-03; *Country:* Poland; *Municipality:* Niekłań Wielki; *Locality:* Reserwat Skalki Pieklo pod Niekłaniem; *Habitat:* rocks; *Leg:* Ganieshyn S.; *Det:* Ganieshyn S.; *Institution Code:* SMNH LWS; *Citation:* - ; *Remarks:* - .

## *Asplenium septentrionale* (L.) Hoffm.



Inventory number:

**136**

Digital record number:

**SMNH001637**

Data Centre “Biodiversity of Ukraine”:

**ID 23523**

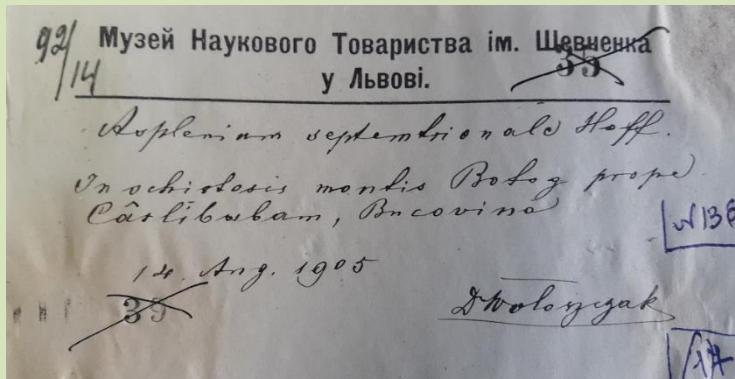


Fig. 12. Specimen of *Asplenium septentrionale* (L.) Hoffm. in the SMNH collection.

**Collection Type:** MuseumCollection/Specimen; **Count:** 1; **Event Date:** 1905-08-14; **Country:** Romania; **Municipality:** Cârlibaba; **Locality:** Bofog Mt.; **Habitat:** rocks; **Leg:** Wolosczak E.; **Det:** Wolosczak E.; **Institution Code:** SMNH LWS; **Citation:** - ; **Remarks:** - .

## *Asplenium septentrionale* (L.) Hoffm.



Inventory number:

**137**

Digital record number:

**SMNH001638**

Data Centre “Biodiversity of Ukraine”:

**ID 23528**

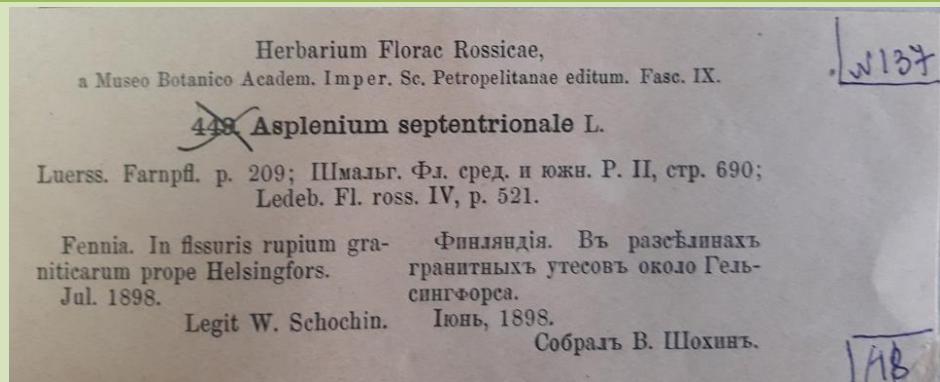


Fig. 13. Specimen of *Asplenium septentrionale* (L.) Hoffm. in the SMNH collection.

**Collection Type:** MuseumCollection/Specimen; **Count:** 1; **Event Date:** 1898-06-00; **Country:** Finland; **Municipality:** Helsinki, Helsingfors; **Habitat:** rocks; **Leg:** Schochin W.; **Det:** Schochin W.; **Institution Code:** SMNH LWS; **Citation:** - ; **Remarks:** - .

## *Asplenium septentrionale* (L.) Hoffm.



Inventory number:

131

Digital record number:

SMNH001639

Data Centre “Biodiversity of Ukraine”:

ID 23536



*Asplenium septentrionale* L.  
 Tauria. In rupibus m. Ayu-  
 dagh.  
 24.VI.1900 Leg. K. Golde [13]

Fig. 14. Specimen of *Asplenium septentrionale* (L.) Hoffm. in the SMNH collection.

Collection Type: MuseumCollection/Specimen; Count: 1; Event Date: 1900-06-24;  
 Country: Ukraine; State Province: Crimea AR; Georegion: CrMts: Crimean Mts;  
 Locality: Ayu-Dag Mt.; Habitat: rocks; Leg: Golde K.; Det: Golde K.; Institution Code:  
 SMNH LWS; Citation: - ; Remarks: - .

## *Asplenium septentrionale* (L.) Hoffm.



Inventory number:

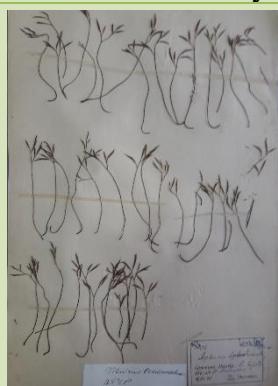
132

Digital record number:

SMNH001640

Data Centre “Biodiversity of Ukraine”:

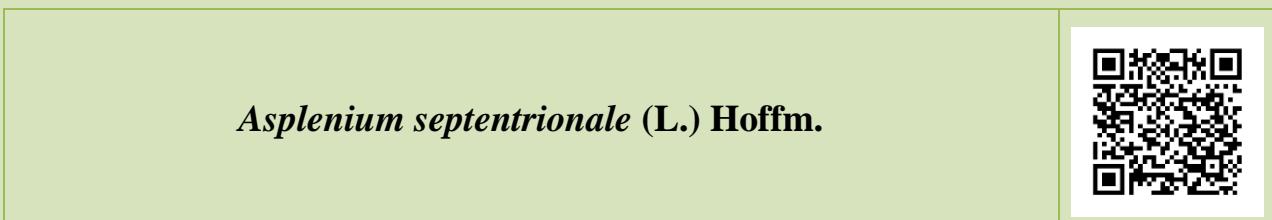
ID 23537



№ 132  
*Asplenium Septentrionale*  
 Caucasus. Ossetia. In lapis-  
 sis. ad fl. Archondon.  
 17.VI.98 leg. teste. { Marcowitsch.

Fig. 15. Specimen of *Asplenium septentrionale* (L.) Hoffm. in the SMNH collection.

Collection Type: MuseumCollection/Specimen; Count: 1; Event Date: 1898-06-17;  
 Country: Russia; State Province: Republic of North Ossetia-Alania; Locality: Archondon  
 River; Habitat: rocks; Leg: Marcowitsch; Det: Marcowitsch; Institution Code: SMNH  
 LWS; Citation: - ; Remarks: - .

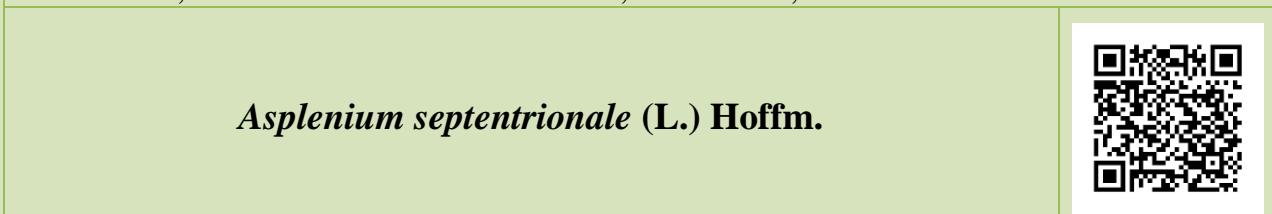


### *Asplenium septentrionale* (L.) Hoffm.

Inventory number:	133
Digital record number:	SMNH001641
Data Centre “Biodiversity of Ukraine”:	ID 23538
	<p>Zielnik Muzeum im. Dzieduszyckich wo Lwowie</p> <p><i>Asplenium septentrionale</i> Porfirowe skały Biogrzyki w Szczawnicy</p> <p>PIENINY: Porfirowe skały Biogrzyki w Szczawnicy</p> <p>zbr. Dr. Antoni Rehmann.</p>

Fig. 16. Specimen of *Asplenium septentrionale* (L.) Hoffm. in the SMNH collection.

*Collection Type:* MuseumCollection/Specimen; *Count:* 1; *Event Date:* 0000-00-00; *Country:* Poland; *Municipality:* Szczawnica; *Habitat:* rocks; *Leg:* Rehman A.; *Det:* Rehman A.; *Institution Code:* SMNH LWS; *Citation:* - ; *Remarks:* - .

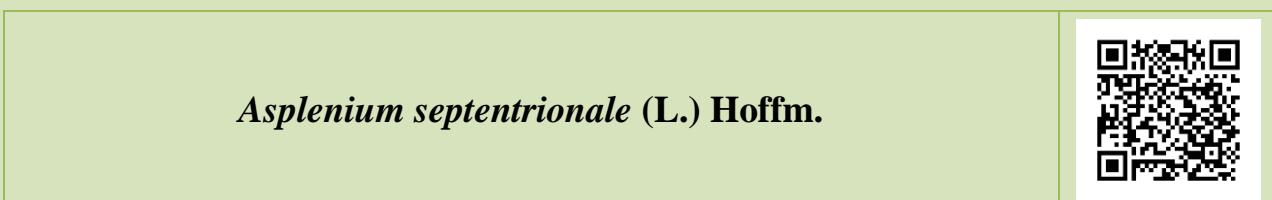


### *Asplenium septentrionale* (L.) Hoffm.

Inventory number:	127
Digital record number:	SMNH001642
Data Centre “Biodiversity of Ukraine”:	ID 23539
	<p>ІНСТИТУТ БОТАНІКИ АН УРСР Львівський відділ географії квіткових рослин</p> <p><i>Asplenium septentrionale</i> (d) Hoffm.</p> <p>Сектор Приазовських степів: Кам'яні Могили</p> <p>20 VIII 1947. Зібрав: В. Г. Хржановський 1498-500 Визначив: Постриган</p>

Fig. 17. Specimen of *Asplenium septentrionale* (L.) Hoffm. in the SMNH collection.

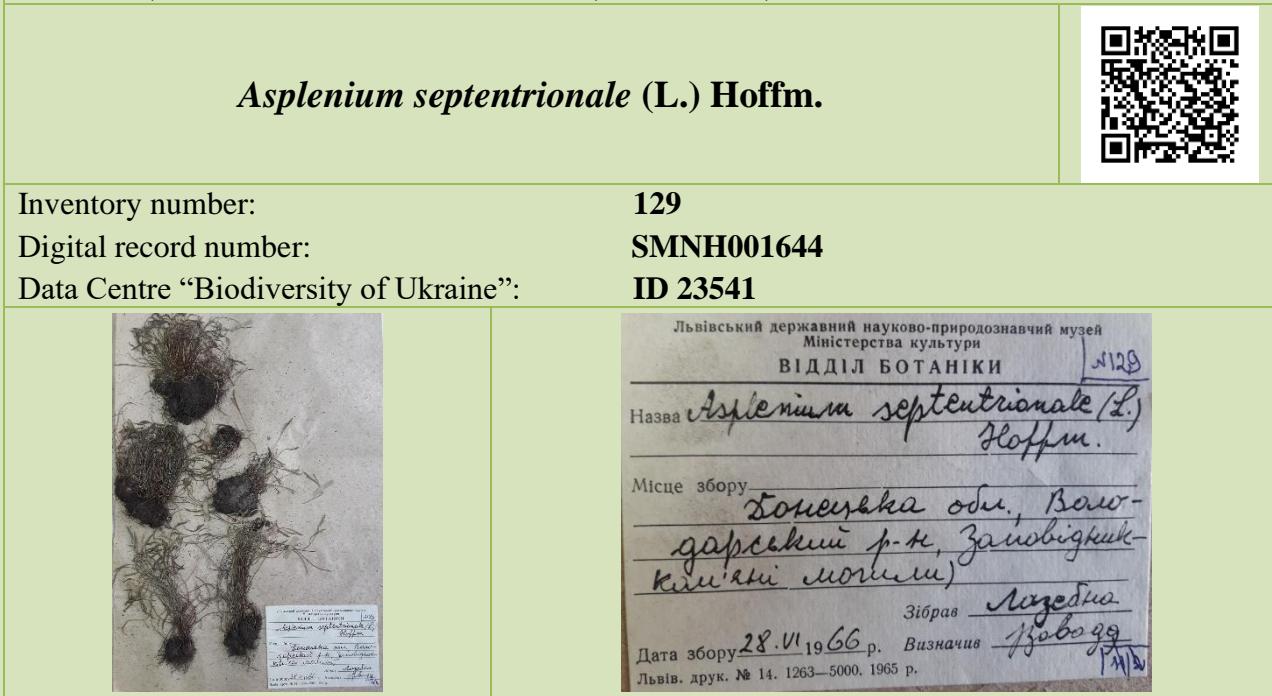
*Collection Type:* MuseumCollection/Specimen; *Count:* 1; *Event Date:* 1947-08-20; *Country:* Ukraine; *State Province:* Donetska; *District:* Nikolskyi; *Municipality:* Nazarivka; *Reserve:* NR Ukrainskyi stepovy; *Kamiany Mohylы:* Kamiani Mohyly; *Georegion:* SZ; *SZN:* DntsL; *Locality:* Kamiani Mohyly; *Habitat:* rocks; *Leg:* Khrzhyzhanovskyi V.G., Lazebna A.M.; *Det:* Postryhan S.A.; *Institution Code:* SMNH LWS; *Citation:* - ; *Remarks:* - .



Inventory number:	128
Digital record number:	SMNH001643
Data Centre “Biodiversity of Ukraine”:	ID 23540
	<p>Львівський державний науково-природознавчий музей Міністерства культури ВІДДІЛ БОТАНІКИ</p> <p>Назва <i>Asplenium septentrionale</i> (L.) Hoffm.</p> <p>Місце збору <i>Бахчиска обл., Воло- дарський р-к, Заповідник- Кам'яни мohили</i></p> <p>Зібрав <i>Лазебна</i> Дата збору <i>28.VI.1966</i> р. Визначив <i>П.С.С.</i> Львів. друк. № 14. 1263—5000. 1965 р.</p>

Fig. 18. Specimen of *Asplenium septentrionale* (L.) Hoffm. in the SMNH collection.

*Collection Type:* MuseumCollection/Specimen; *Count:* 1; *Event Date:* 1966-06-28; *Country:* Ukraine; *State Province:* Donetska; *District:* Nikolskyi; *Municipality:* Nazarivka; *Reserve:* NR Ukrainskyi stepovyi: Kamiani Mohyly; *Georegion:* SZ: SZN: DntsL: Donets Upland; *Locality:* Kamiani Mohyly; *Habitat:* rocks; *Leg:* Lazebna A.; *Det:* Zavada I.; *Institution Code:* SMNH LWS; *Citation:* - ; *Remarks:* - .



Inventory number:	129
Digital record number:	SMNH001644
Data Centre “Biodiversity of Ukraine”:	ID 23541



Львівський державний науково-природознавчий музей  
Міністерства культури  
ВІДДІЛ БОТАНІКИ

Назва *Asplenium septentrionale* (L.) Hoffm.

Місце збору *Бахчиска обл., Воло-  
дарський р-к, Заповідник-  
Кам'яни мohили*

Зібрав *Лазебна*  
Дата збору *28.VI.1966* р. Визначив *П.С.С.*  
Львів. друк. № 14. 1263—5000. 1965 р.

Fig. 19. Specimen of *Asplenium septentrionale* (L.) Hoffm. in the SMNH collection.

*Collection Type:* MuseumCollection/Specimen; *Count:* 1; *Event Date:* 1966-06-28; *Country:* Ukraine; *State Province:* Donetska; *District:* Nikolskyi; *Municipality:* Nazarivka; *Reserve:* NR Ukrainskyi stepovyi: Kamiani Mohyly; *Georegion:* SZ: SZN: DntsL: Donets Upland; *Locality:* Kamiani Mohyly; *Habitat:* rocks; *Leg:* Lazebna A.; *Det:* Zavada I.; *Institution Code:* SMNH LWS; *Citation:* - ; *Remarks:* - .

<b><i>Asplenium septentrionale</i> (L.) Hoffm.</b>	
Inventory number:	130
Digital record number:	SMNH001645
Data Centre “Biodiversity of Ukraine”:	ID 23542



*Asplenium septentrionale* L.  
 Екатериноградська губ.  
 Верхньодніпровській у.  
 Дн. с. Рудні - Покр.  
 Від розсипанням з каменем  
 на скелі. Перев. річки  
 Бєзовиця.  
 1901.07.30  
 Сортув. К. В. Ринк  
 130

Fig. 20. Specimen of *Asplenium septentrionale* (L.) Hoffm. in the SMNH collection.

*Collection Type:* MuseumCollection/Specimen; *Count:* 1; *Event Date:* 1901-07-30; *Country:* Ukraine; *State Province:* Dnipropetrovska; *District:* Krynychanskyi; *Municipality:* Huliaipole; *Georegion:* SZ: SZN: DnDpL: South Dnipro Upland; *Locality:* rock bank of the Bazavluk River; *Habitat:* rocks; *Leg:* Finn V.; *Det:* Finn V.; *Institution Code:* SMNH LWS; *Citation:* - ; *Remarks:* - .

<b><i>Asplenium septentrionale</i> (L.) Hoffm.</b>	
Inventory number:	116
Digital record number:	SMNH001646
Data Centre “Biodiversity of Ukraine”:	ID 23543



ІНСТИТУТ БОТАНІКИ АН УРСР  
 Львівський відділ географії рослин  
*Asplenium septentrionale* (L.) Hoffm.  
 Рівненська об. Селиськів р-н  
 с. Маринин  
 18. IV 1948 р. Зібрав Мельничук  
 Визначив Мельничук  
 1855-5000

Fig. 21. Specimen of *Asplenium septentrionale* (L.) Hoffm. in the SMNH collection.

*Collection Type:* MuseumCollection/Specimen; *Count:* 1; *Event Date:* 1948-07-18; *Country:* Ukraine; *State Province:* Rivnenska; *District:* Bereznivskyi; *Municipality:* Marynyn; *Habitat:* rocks; *Leg:* Melnychuk V.; *Det:* Melnychuk V.; *Institution Code:* SMNH LWS; *Citation:* - ; *Remarks:* - .

### *Asplenium septentrionale* (L.) Hoffm.



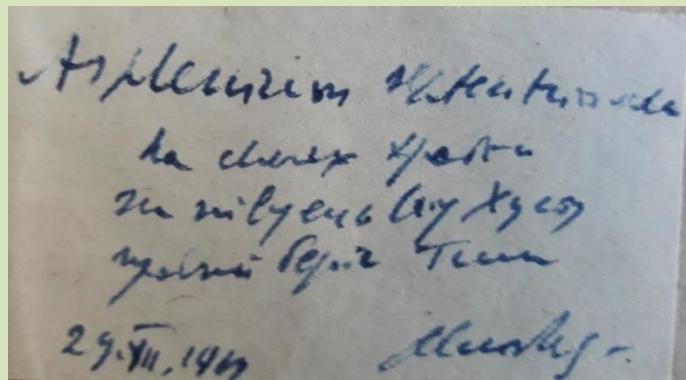
Inventory number:

**118**

Digital record number:

**SMNH001647**

Data Centre “Biodiversity of Ukraine”:

**ID 23544**Fig. 22. Specimen of *Asplenium septentrionale* (L.) Hoffm. in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1969-07-29; *Country*: Ukraine; *State Province*: Zakarpatska; *District*: Khustskyi; *Municipality*: Khust; *Georegion*: UC: Vlk - Vulkanichno-intermountaindells oblast; *Locality*: the right bank of the Tysa River; *Habitat*: rocks; *Leg*: Slobodian M.; *Det*: Slobodian M.; *Institution Code*: SMNH LWS; *Citation*: - ; *Remarks*: - .

### *Asplenium septentrionale* (L.) Hoffm.



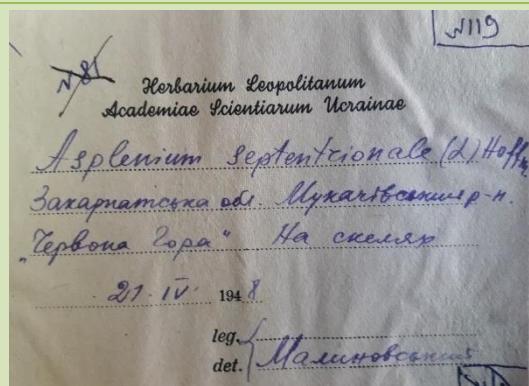
Inventory number:

**119**

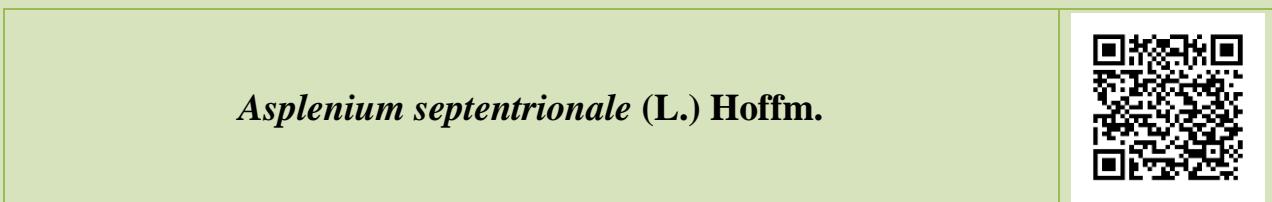
Digital record number:

**SMNH001648**

Data Centre “Biodiversity of Ukraine”:

**ID 23545**Fig. 23. Specimen of *Asplenium septentrionale* (L.) Hoffm. in the SMNH collection.

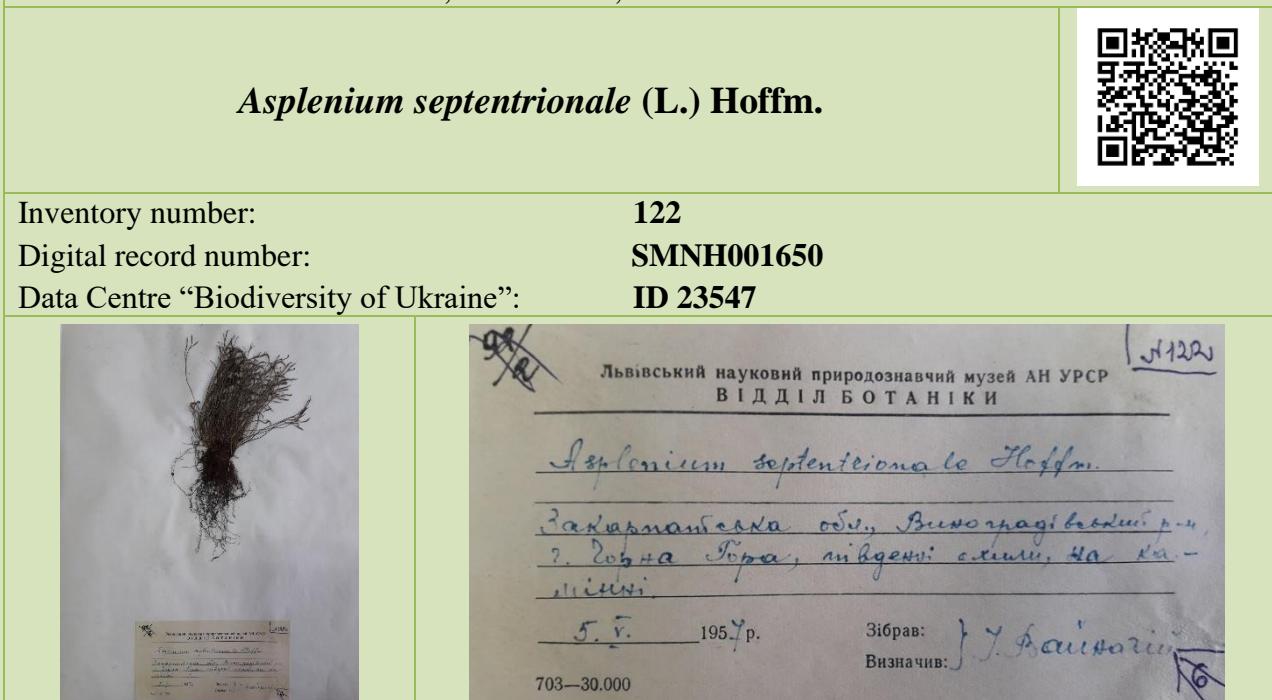
*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1948-04-21; *Country*: Ukraine; *State Province*: Zakarpatska; *District*: Mukachivskyi; *Municipality*: Mukachevo; *Georegion*: UC: Vlk - Vulkanichno-intermountaindells oblast; *Locality*: Chervona hora Mt.; *Habitat*: rocks; *Leg*: Malynovskiy K.; *Det*: Malynovskiy K.; *Institution Code*: SMNH LWS; *Citation*: - ; *Remarks*: - .



Inventory number:	120
Digital record number:	SMNH001649
Data Centre “Biodiversity of Ukraine”:	ID 23546
	<p>Львівський науковий Природознавчий Музей АН УРСР ВІДДІЛ БОТАНІКИ</p> <p><i>Asplenium septentrionale (L.) Hoffm.</i></p> <p>Закарпатська об., Мукачівський р-н Червона гора "За скелем"</p> <p>21. IV 1948 р. Зібрав: І. Малюновський Визначив: І. Малюновський</p> <p>160–10.000</p>

Fig. 24. Specimen of *Asplenium septentrionale* (L.) Hoffm. in the SMNH collection.

*Collection Type:* MuseumCollection/Specimen; *Count:* 1; *Event Date:* 1948-04-21; *Country:* Ukraine; *State Province:* Zakarpatska; *District:* Mukachivskyi; *Municipality:* Mukachevo; *Georegion:* UC: Vlk - Vulkanichno-intermountain dells oblast; *Locality:* Chervona hora Mt.; *Habitat:* rocks; *Leg:* Malynovskiy K.; *Det:* Malynovskiy K.; *Institution Code:* SMNH LWS; *Citation:* - ; *Remarks:* - .



Inventory number:	122
Digital record number:	SMNH001650
Data Centre “Biodiversity of Ukraine”:	ID 23547
	<p>Львівський науковий природознавчий музей АН УРСР ВІДДІЛ БОТАНІКИ</p> <p><i>Asplenium septentrionale Hoffm.</i></p> <p>Закарпатська об., Виноградівський р-н, р. Діула Гора, південні скелі, на си- ній землі</p> <p>5. V. 1957 р. Зібрав: І. Янісарій Визначив: І. Янісарій</p> <p>703–30.000</p>

Fig. 25. Specimen of *Asplenium septentrionale* (L.) Hoffm. in the SMNH collection.

*Collection Type:* MuseumCollection/Specimen; *Count:* 1; *Event Date:* 1957-05-03; *Country:* Ukraine; *State Province:* Zakarpatska; *District:* Vynohradivskyi; *Municipality:* Diula; *Reserve:* BR Carpathian: Yulivska Hora; *Georegion:* UC: TrCp - Trancarpathians Lowland; *Locality:* Yulivska Hora Mt.; *Habitat:* rocks; *Leg:* Vainahii I.; *Det:* Vainahii I.; *Institution Code:* SMNH LWS; *Citation:* - ; *Remarks:* - .

## *Asplenium septentrionale* (L.) Hoffm.



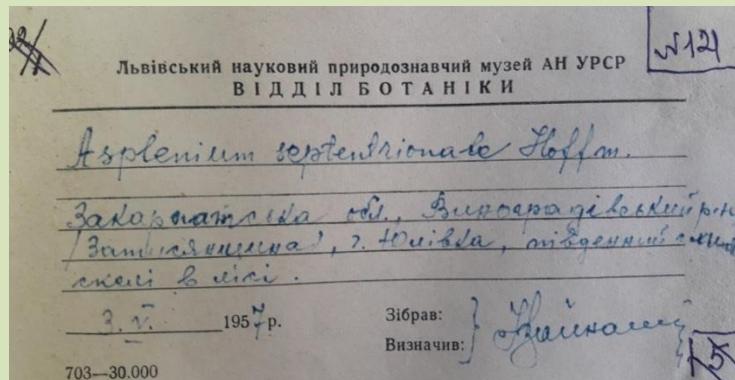
Inventory number:

**121**

Digital record number:

**SMNH001651**

Data Centre “Biodiversity of Ukraine”:

**ID 23548**Fig. 26. Specimen of *Asplenium septentrionale* (L.) Hoffm. in the SMNH collection.

**Collection Type:** MuseumCollection/Specimen; **Count:** 1; **Event Date:** 1957-05-03; **Country:** Ukraine; **State Province:** Zakarpatska; **District:** Vynohradivskyi; **Municipality:** Diula; **Reserve:** BR Carpathian: Yulivska Hora; **Georegion:** UC: TrCp - Trancarpathians Lowland; **Locality:** Yulivska Hora Mt.; **Habitat:** rocks; **Leg:** Vainahii I.; **Det:** Vainahii I.; **Institution Code:** SMNH LWS; **Citation:** - ; **Remarks:** - .

## *Asplenium septentrionale* (L.) Hoffm.



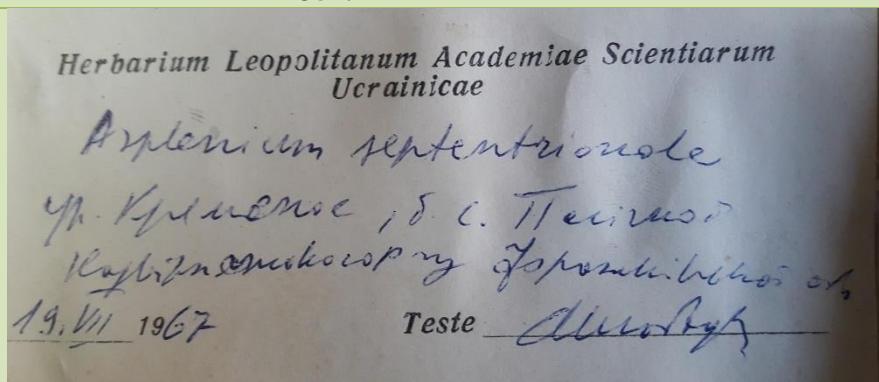
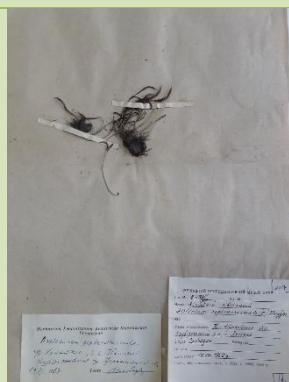
Inventory number:

**117**

Digital record number:

**SMNH001652**

Data Centre “Biodiversity of Ukraine”:

**ID 23549**Fig. 27. Specimen of *Asplenium septentrionale* (L.) Hoffm. in the SMNH collection.

**Collection Type:** MuseumCollection/Specimen; **Count:** 1; **Event Date:** 1967-07-19; **Country:** Ukraine; **State Province:** Ivano-Frankivska; **District:** Nadvirnianskyi; **Municipality:** Pasichna; **Georegion:** UC: OCVV: Gg - Gorgany massif; **Habitat:** rocks; **Leg:** Slobodian M.; **Det:** Slobodian M.; **Institution Code:** SMNH LWS; **Citation:** - ; **Remarks:** - .

Безсмертна О.О., Перегрим М.М., Вашека О.В. Рід *Asplenium* L. (Aspleniaceae) у природній флорі України. *Український ботанічний журнал*. 2011. Т.68, №6. С.829-832.

Вашека О.В., Безсмертна О.О. Атлас папоротей флори України. К.: КНУ, 2012. 160 с.

Kuzyarin O. Catalogue of *Asplenium viride* Huds. (Aspleniaceae, Polypodiopsida, Polypodiophyta) samples deposited in the State Museum of Natural History NASU, Lviv, Ukraine. *Catalogue of the digitized collections, deposited in the State Museum of Natural History, National Academy of Sciences of Ukraine*. Iss. 1. Herbarium, entomological & mammalogical collections. Lviv, 2023. P.38-74.

**CATALOGUE OF BRACHYCHTHONIIDAE (SARCOPTIFORMES, ORIBATIDA)  
SPECIMENS DEPOSITED IN THE STATE MUSEUM OF NATURAL HISTORY  
NASU, LVIV, UKRAINE**

Kateryna HUSHTAN, Habriel HUSHTAN  
State Museum of Natural History NASU, Lviv,  
e-mail: [katrinantonuk@gmail.com](mailto:katrinantonuk@gmail.com), [habrielhushtan@gmail.com](mailto:habrielhushtan@gmail.com)  
DOI: <https://doi.org/10.36885/cdcsmnh.2024.23>

Brachychthoniids are tiny mites, typically measuring less than 250 µm in length (Krant et al. 2009). Brachychthoniids can be distinguished from other oribatids by the fact that their notogaster is divided into 3 plates by 2 transverse furrows (Weigmann, 2006). The anteriormost plate has 6 pairs of setae (*c* and *d* rows) (Krant et al., 2009). Without extra cupules immediately lateral to mid-dorsal setae (Krant et al., 2009). The genital plates and the combined anal/peranal plates are of similar size (Krant et al., 2009). There is 1 pair of aggenital setae, 2 pairs of setae on the anal plates, and the peranal plates are present with 1 pair of setae (Krant et al., 2009).

In terms of geography and ecology, brachychthoniids may be the most extensively spread family among oribatid mites (Krant et al., 2009). Besides being varied and plentiful in damp forest soil and litter, they are frequently found in disclimax communities and newly established habitats (Norton and Palmer, 1991).

The world fauna of Brachytoniidae is represented by 163 species belonging to 12 genera (Subias, 2004). In Ukraine, 40 species of mites of this family, belonging to 9 genera (Ярошенко, 2000). Thus, the species diversity in Ukraine is 25% of the world's fauna. The collection of oribatid mites of the State Museum of Natural History of the NAS of Ukraine contains 9 species of brachychthoniids, as follows: *Liochthonius alpestris* (Forsslund, 1958), *L. hystricinus* (Forsslund, 1942), *L. muscorum* Forsslund, 1964, *L. brevis* (Michael, 1888), *L. sellnicki* (Thor, 1930), *Sellnickochthonius suecicus* (Forsslund, 1942), *S. zelawaiensis* (Sellnick, 1928), *Eobrachychthonius oudemansi* van der Hammen 1952 and *Synchthonius crenulatus* (Jacot, 1938). They have been collected in the western regions of Ukraine and are represented by 96 individuals, which make up 16 records. In particular, the collection contains samples collected from Zakarpatska, Lvivska and Ivano-Frankivska provinces. Some materials were collected in nature conservation areas: Nature Reserve Roztochchia, National Natural Park Synevyr and Carpathian Biosphere Reserve.

This article was written with the support of the National Research Foundation of Ukraine, call 2022.01 «Science for the Recovery of Ukraine in the War and Post-War Periods» the project 2022.01/0013 «Digitization of natural history collections damaged as a result of hostilities and related factors: development of protocols and implementation on the basis of the State Museum of Natural History of the National Academy of Sciences of Ukraine». The contents of this article do not necessarily reflect the views of the National Research Foundation of Ukraine and are the sole responsibility of the State Museum of Natural History, NAS of Ukraine.

## *Liochthonius alpestris* (Forsslund, 1958)



Inventory number:

1442

Digital record number:

SMNH010587

Data Centre “Biodiversity of Ukraine”:

ID 36761

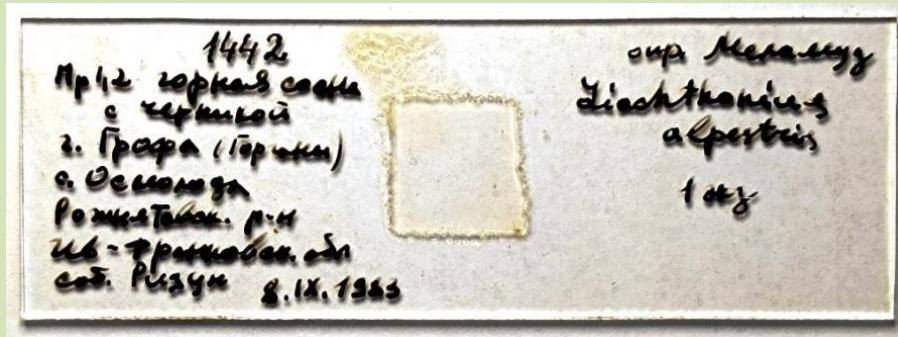


Fig. 1. Specimen of *Liochthonius alpestris* (Forsslund, 1958) in the SMNH collection.

**Collection Type:** MuseumCollection/Specimen; **Count:** 1; **Event Date:** 1983-09-08; **Country:** Ukraine; **State Province:** Ivano-Frankivska; **District:** Rozhniativskyi; **Municipality:** Osmoloda; **Georegion:** Outer Gorgany range; **Locality:** Grofa Mt; **Habitat:** *Pinus mugo* and *Vaccinium myrtillus*; **Leg:** Rizun V.B.; **Det:** Melamud V.V.; **Institution Code:** SMNH; **Citation:** - ; **Remarks:** - .

## *Liochthonius brevis* (Michael, 1888)



Inventory number:

1443

Digital record number:

SMNH010590

Data Centre “Biodiversity of Ukraine”:

ID 36764

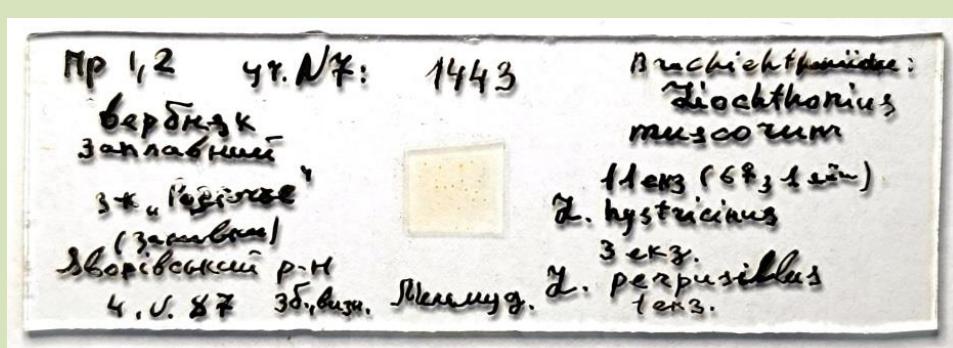
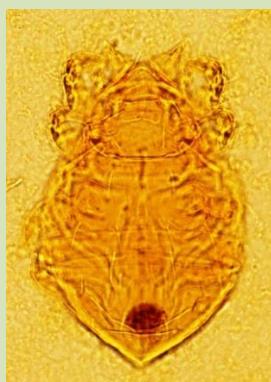


Fig. 2. Specimen of *Liochthonius brevis* (Michael, 1888) in the SMNH collection.

**Collection Type:** MuseumCollection/Specimen; **Count:** 1; **Event Date:** 1987-05-04; **Country:** Ukraine; **State Province:** Lvivska; **District:** Yavorivskyi; **Municipality:** Ivano-Frankove; **Reserve:** NR Roztochchia; **Georegion:** FZB: ROp: Roztochchia; **Locality:** Piasetskyi's profile, sampling plot №7; **Habitat:** floodplain willow, litter; **Leg:** Melamud V.V.; **Det:** Melamud V.V.; **Institution Code:** SMNH; **Citation:** - ; **Remarks:** - .

## *Liochthonius hystricinus* (Forsslund, 1942)



Inventory number:

1443

Digital record number:

SMNH010588

Data Centre “Biodiversity of Ukraine”:

ID 36762

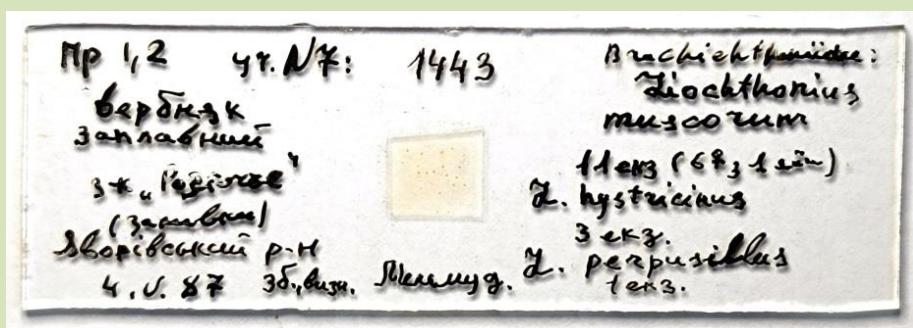
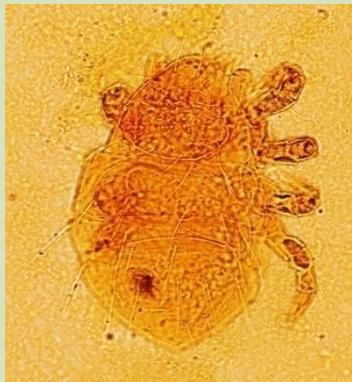


Fig. 3. Specimen of *Liochthonius hystricinus* (Forsslund, 1942) in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 3; *Event Date*: 1987-05-04; *Country*: Ukraine; *State Province*: Lvivska; *District*: Yavorivskyi; *Municipality*: Ivano-Frankove; *Reserve*: NR Roztochchia; *Georegion*: FZB: ROp: Roztochchia; *Locality*: Piasetskyi's profile, sampling plot №7; *Habitat*: floodplain willow, litter; *Leg*: Melamud V.V.; *Det*: Melamud V.V.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: - .

## *Liochthonius muscorum* Forsslund, 1964



Inventory number:

1443

Digital record number:

SMNH010589

Data Centre “Biodiversity of Ukraine”:

ID 36763

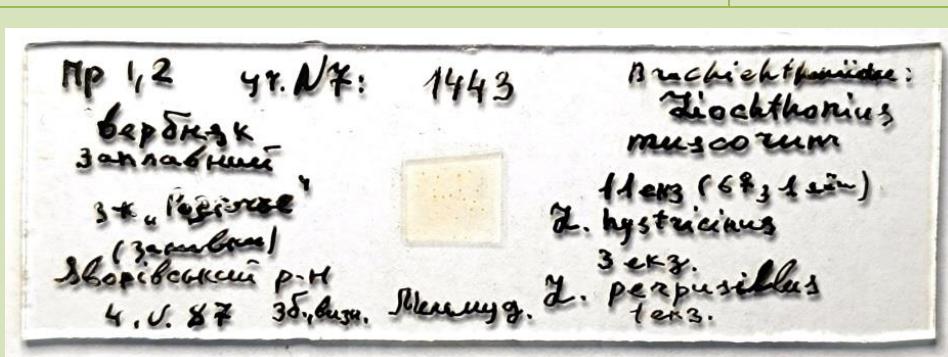


Fig. 4. Specimen of *Liochthonius muscorum* Forsslund, 1964 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 11; *Event Date*: 1987-05-04; *Country*: Ukraine; *State Province*: Lvivska; *District*: Yavorivskyi; *Municipality*: Ivano-Frankove; *Reserve*: NR Roztochchia; *Georegion*: FZB: ROp: Roztochchia; *Locality*: Piasetskyi's profile, sampling plot №7; *Habitat*: floodplain willow, litter; *Leg*: Melamud V.V.; *Det*: Melamud V.V.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: - .

## *Liochthonius muscorum* Forsslund, 1964



Inventory number:

E1445

Digital record number:

SMNH010592

Data Centre “Biodiversity of Ukraine”:

ID 36766

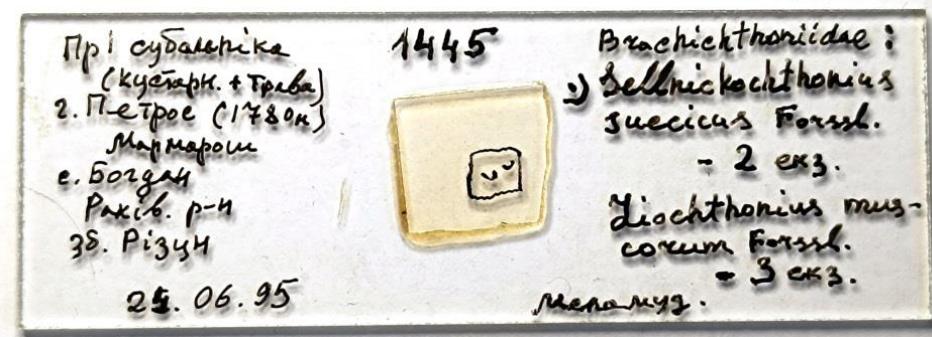


Fig. 5. Specimen of *Liochthonius muscorum* Forsslund, 1964 in the SMNH collection.

**Collection Type:** MuseumCollection/Specimen; **Count:** 3; **Event Date:** 1995-06-24; **Country:** Ukraine; **State Province:** Zakarpatska; **District:** Rakhivskyi; **Municipality:** Bohdan; **Reserve:** BR Carpathian: Marmarosh protected massif; **Georegion:** UC: MrCh: Marmarosh massif; **Locality:** Pip Ivan Mt, 1940 m a.s.l.; **Habitat:** subalpine zone (shrubs + grass); **Leg:** Rizun V.B.; **Det:** Melamud V.V.; **Institution Code:** SMNH; **Citation:** - ; **Remarks:** - .

## *Liochthonius muscorum* Forsslund, 1964



Inventory number:

1446

Digital record number:

SMNH010596

Data Centre “Biodiversity of Ukraine”:

ID 36770

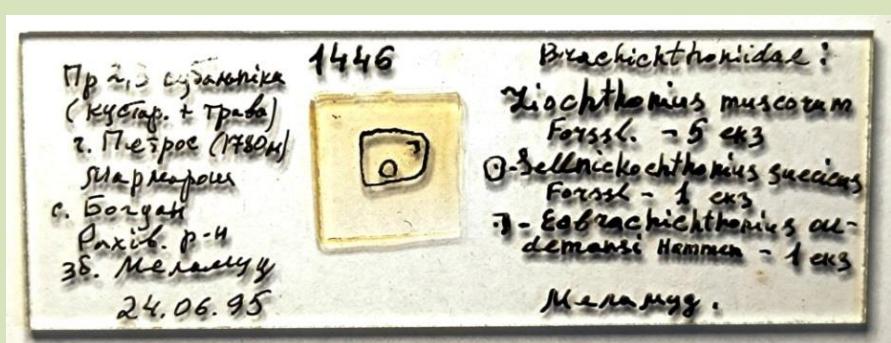


Fig. 6. Specimen of *Liochthonius muscorum* Forsslund, 1964 in the SMNH collection.

**Collection Type:** MuseumCollection/Specimen; **Count:** 5; **Event Date:** 1995-06-24; **Country:** Ukraine; **State Province:** Zakarpatska; **District:** Rakhivskyi; **Municipality:** Bohdan; **Reserve:** BR Carpathian: Marmarosh protected massif; **Georegion:** UC: MrCh: Marmarosh massif; **Locality:** Petros Mt, 1780 m a.s.l.; **Habitat:** subalpinezone (shrubs + grass); **Leg:** Melamud V.V.; **Det:** Melamud V.V.; **Institution Code:** SMNH; **Citation:** - ; **Remarks:** - .

## *Liochthonius sellnicki* (Thor, 1930)



Inventory number: 1444  
 Digital record number: SMNH010591  
 Data Centre “Biodiversity of Ukraine”: ID 36765

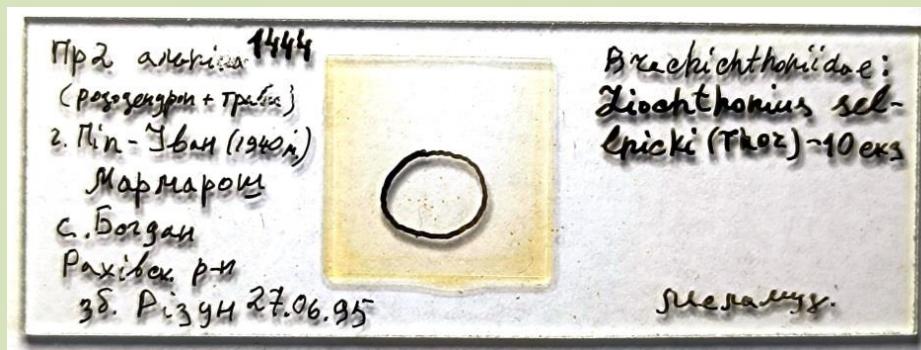


Fig. 7. Specimen of *Liochthonius sellnicki* (Thor, 1930) in the SMNH collection.

*Collection Type:* MuseumCollection/Specimen; *Count:* 10; *Event Date:* 1995-06-27; *Country:* Ukraine; *State Province:* Zakarpatska; *District:* Rakhivskyi; *Municipality:* Bohdan; *Reserve:* BR Carpathian: Marmarosh protected massif; *Georegion:* UC: MrCh: Marmarosh massif; *Locality:* Pip Ivan Mt, 1940 m a.s.l.; *Habitat:* alpine zone (myrtle-leaved rhododendron + grass); *Leg:* Rizun V.B.; *Det:* Melamud V.V.; *Institution Code:* SMNH; *Citation:* - ; *Remarks:* (= *Brachychthonius scalaris* Forsslund, 1942).

## *Eobrachychthonius oudemansi* van der Hammen 1952



Inventory number: 1446  
 Digital record number: SMNH010595  
 Data Centre “Biodiversity of Ukraine”: ID 36769

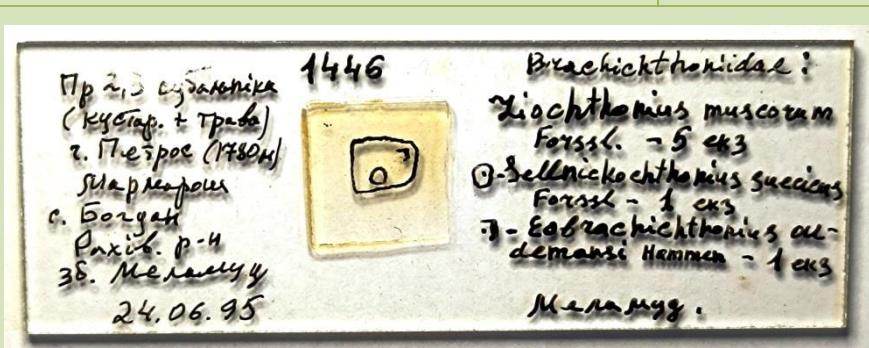


Fig. 8. Specimen of *Eobrachychthonius oudemansi* van der Hammen 1952 in the SMNH collection.

*Collection Type:* MuseumCollection/Specimen; *Count:* 2; *Event Date:* 1995-06-24; *Country:* Ukraine; *State Province:* Zakarpatska; *District:* Rakhivskyi; *Municipality:* Bohdan; *Reserve:* BR Carpathian: Marmarosh protected massif; *Georegion:* UC: MrCh: Marmarosh massif; *Locality:* Petros Mt, 1780 m a.s.l.; *Habitat:* subalpine zone (shrubs + grass); *Leg:* Melamud V.V.; *Det:* Melamud V.V.; *Institution Code:* SMNH; *Citation:* - ; *Remarks:* - .

## *Sellnickochthonius suecicus* (Forsslund 1942)



Inventory number: 1445  
 Digital record number: SMNH010593  
 Data Centre “Biodiversity of Ukraine”: ID 36767

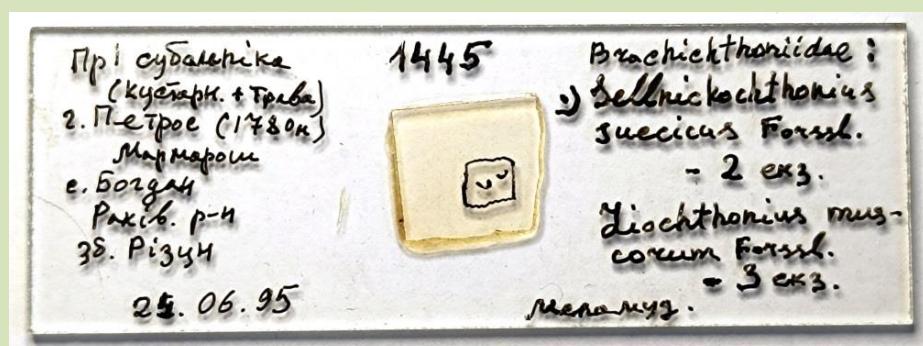
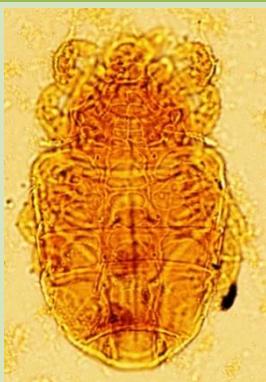


Fig. 9. Specimen of *Sellnickochthonius suecicus* (Forsslund 1942) in the SMNH collection.

*Collection Type:* MuseumCollection/Specimen; *Count:* 2; *Event Date:* 1995-06-25; *Country:* Ukraine; *State Province:* Zakarpatska; *District:* Rakhivskyi; *Municipality:* Bohdan; *Reserve:* BR Carpathian: Marmarosh protected massif; *Georegion:* UC: MrCh: Marmarosh massif; *Locality:* Petros Mt, 1780 m a.s.l.; *Habitat:* subalpine zone (shrubs + grass); *Leg:* Rizun V.B.; *Det:* Melamud V.V.; *Institution Code:* SMNH; *Citation:* - ; *Remarks:* (=*Brachychthonius jugatus* v. *suecicus* Forsslund; *B. jacoti* Evans; *B. jugatus* Jacot sensu Niedbala, 1972).

## *Sellnickochthonius suecicus* (Forsslund 1942)



Inventory number: 1446  
 Digital record number: SMNH010594  
 Data Centre “Biodiversity of Ukraine”: ID 36768

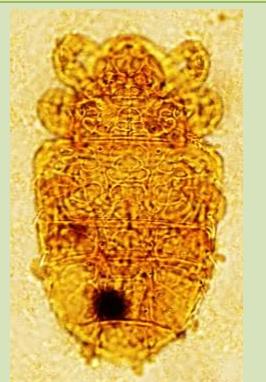


Fig. 10. Specimen of *Sellnickochthonius suecicus* (Forsslund 1942) in the SMNH collection.

*Collection Type:* MuseumCollection/Specimen; *Count:* 2; *Event Date:* 1995-06-24; *Country:* Ukraine; *State Province:* Zakarpatska; *District:* Rakhivskyi; *Municipality:* Bohdan; *Reserve:* BR Carpathian: Marmarosh protected massif; *Georegion:* UC: MrCh: Marmarosh massif; *Locality:* Petros Mt, 1780 m a.s.l.; *Habitat:* subalpine zone (shrubs + grass); *Leg:* Melamud V.V.; *Det:* Melamud V.V.; *Institution Code:* SMNH; *Citation:* - ; *Remarks:* - .

## *Sellnickochthonius suecicus* (Forsslund 1942)



Inventory number:

1447

Digital record number:

SMNH010597

Data Centre “Biodiversity of Ukraine”:

ID 36771

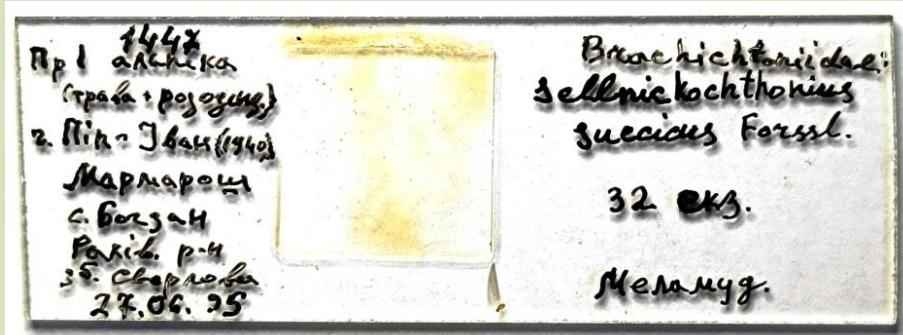


Fig. 11. Specimen of *Sellnickochthonius suecicus* (Forsslund 1942) in the SMNH collection.

**Collection Type:** MuseumCollection/Specimen; **Count:** 32; **Event Date:** 1995-06-27; **Country:** Ukraine; **State Province:** Zakarpatska; **District:** Rakhivskyi; **Municipality:** Bohdan; **Georegion:** UC: MrCh: Marmarosh massif; **Locality:** Pip Ivan Mt, 1940 m a.s.l.; **Habitat:** alpine zone (myrtle-leaved rhododendron + grass); **Leg:** Sverlova N.V.; **Det:** Melamud V.V.; **Institution Code:** SMNH; **Citation:** - ; **Remarks:** (= *Brachychthonius jugatus* v. *suecicus* Forsslund; *B. jacoti* Evans; *B. jugatus* Jacot sensu Niedbala, 1972).

## *Sellnickochthonius suecicus* (Forsslund 1942)



Inventory number:

1448

Digital record number:

SMNH010598

Data Centre “Biodiversity of Ukraine”:

ID 36772

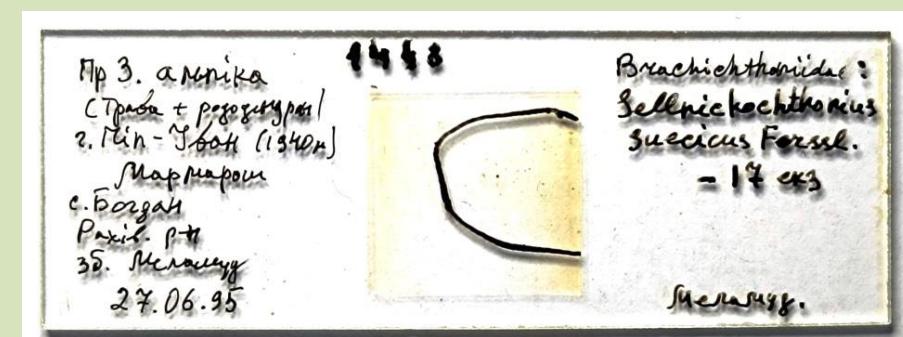
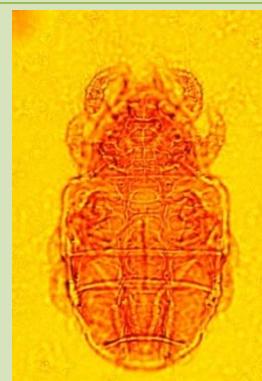


Fig. 12. Specimen of *Sellnickochthonius suecicus* (Forsslund 1942) in the SMNH collection.

**Collection Type:** MuseumCollection/Specimen; **Count:** 17; **Event Date:** 1995-06-27; **Country:** Ukraine; **State Province:** Zakarpatska; **District:** Rakhivskyi; **Municipality:** Bohdan; **Georegion:** UC: MrCh: Marmarosh massif; **Locality:** Pip Ivan Mt, 1940 m a.s.l.; **Habitat:** alpine zone (myrtle-leaved rhododendron + grass); **Leg:** Melamud V.V.; **Det:** Melamud V.V.; **Institution Code:** SMNH; **Citation:** - ; **Remarks:** (= *Brachychthonius jugatus* v. *suecicus* Forsslund; *B. jacoti* Evans; *B. jugatus* Jacot sensu Niedbala, 1972).

## *Sellnickochthonius suecicus* (Forsslund 1942)



Inventory number: 1449  
 Digital record number: SMNH010599  
 Data Centre “Biodiversity of Ukraine”: ID 36773

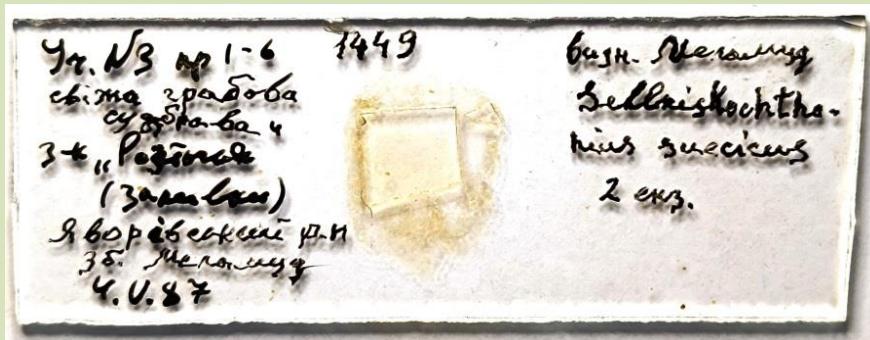
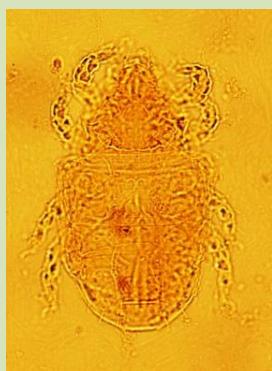


Fig. 13. Specimen of *Sellnickochthonius suecicus* (Forsslund 1942) in the SMNH collection.

*Collection Type:* MuseumCollection/Specimen; *Count:* 2; *Event Date:* 1987-05-04; *Country:* Ukraine; *State Province:* Lvivska; *District:* Yavorivskyi; *Municipality:* Ivano-Frankove; *Reserve:* NR Roztochchia; *Georegion:* FZB; *ROp:* Roztochchia; *Locality:* Zalyvky locality; *Habitat:* fresh hornbeam-oak forest; *Leg:* Melamud V.V.; *Det:* Melamud V.V.; *Institution Code:* SMNH; *Citation:* - ; *Remarks:* (= *Brachychthonius jugatus* v. *suecicus* Forsslund; *B. jacoti* Evans; *B. jugatus* Jacot sensu Niedbala, 1972).

## *Sellnickochthonius suecicus* (Forsslund 1942)



Inventory number: 1450  
 Digital record number: SMNH010600  
 Data Centre “Biodiversity of Ukraine”: ID 36774

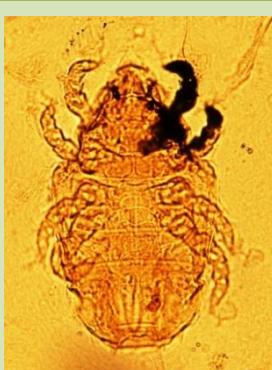


Fig. 14. Specimen of *Sellnickochthonius suecicus* (Forsslund 1942) in the SMNH collection.

*Collection Type:* MuseumCollection/Specimen; *Count:* 3; *Event Date:* 1987-05-04; *Country:* Ukraine; *State Province:* Lvivska; *District:* Yavorivskyi; *Municipality:* Ivano-Frankove; *Reserve:* NR Roztochchia; *Georegion:* FZB; *ROp:* Roztochchia; *Locality:* Zalyvky locality; *Habitat:* fresh hornbeam-oak forest; *Leg:* Melamud V.V.; *Det:* Melamud V.V.; *Institution Code:* SMNH; *Citation:* - ; *Remarks:* (= *Brachychthonius jugatus* v. *suecicus* Forsslund; *B. jacoti* Evans; *B. jugatus* Jacot sensu Niedbala, 1972).

### *Sellnickochthonius zelawaiensis* (Sellnick, 1928)



Inventory number: 1451  
 Digital record number: SMNH010601  
 Data Centre “Biodiversity of Ukraine”: ID 36775

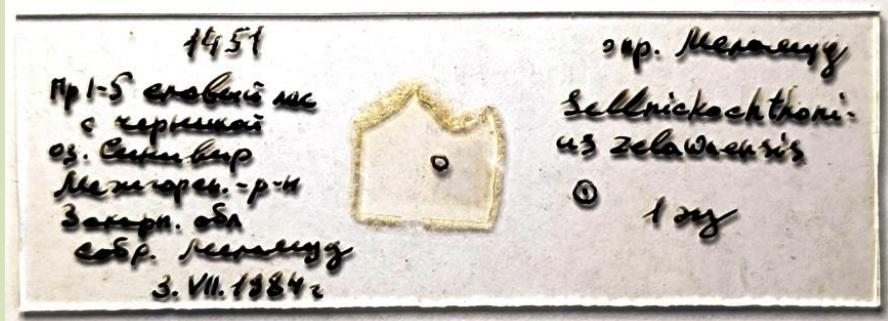
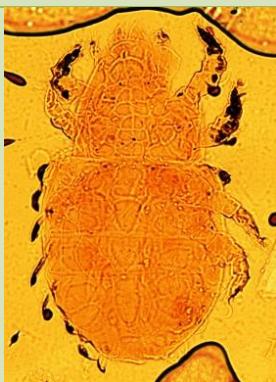


Fig. 15. Specimen of *Sellnickochthonius zelawaiensis* (Sellnick, 1928) in the SMNH collection.

*Collection Type:* MuseumCollection/Specimen; *Count:* 1; *Event Date:* 1984-07-03; *Country:* Ukraine; *State Province:* Zakarpatska; *District:* Mizhhirskyi; *Municipality:* Synevyrska Poliana; *Reserve:* NNP Synevyr; *Georegion:* UC: OCVV: Gg: Inner Gorgany range; *Locality:* Synevyr lake; *Habitat:* spruce forest + blueberry; *Leg:* Melamud V.V.; *Det:* Melamud V.V.; *Institution Code:* SMNH; *Citation:* - ; *Remarks:* - .

### *Synchthonius crenulatus* (Jacot, 1938)



Inventory number: 1452  
 Digital record number: SMNH010604  
 Data Centre “Biodiversity of Ukraine”: ID 36776

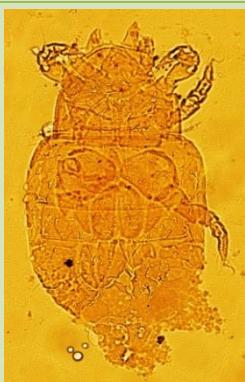


Fig. 16. Specimen of *Synchthonius crenulatus* (Jacot, 1938) in the SMNH collection.

*Collection Type:* MuseumCollection/Specimen; *Count:* 1; *Event Date:* 1984-07-30; *Country:* Ukraine; *State Province:* Ivano-Frankivska; *District:* Rozhniativskyi; *Municipality:* Osmoloda; *Reserve:* NNP Syniohora; *Georegion:* UC: OCVV: Gg: Outer Gorgany range; *Locality:* Syvulia Mt; *Habitat:* *Nardus* sp.; *Leg:* Susulovskyi A.S.; *Det:* Melamud V.V.; *Institution Code:* SMNH; *Citation:* - ; *Remarks:* (= *S. boschmai* v.d. Hammen, 1952).

Ярошенко Н.Н. Орибатидные клещи (Acariformes, Oribatei) естественных экосистем Украины. Донецк: ДонНУ, 2000. 312 с.

Krant G.W., Walter D.E., Behan-Pelletier V. et al. A manual of acarology. Lubbock: Texas Tech University Press. 2009. 807 pp.

Norton R.A., Palmer S.C. 1991. The distribution, mechanisms and evolutionary significance of parthenogenesis in oribatid mites. In: The Acari. Springer, Dordrecht. [https://doi.org/10.1007/978-94-011-3102-5\\_7](https://doi.org/10.1007/978-94-011-3102-5_7).

Subías, L. S. 2004. Listado sistemático, sinonímico y biogeográfico de los ácaros oribátidos (Acariformes: Oribatida) del mundo (excepto fósiles) (19<sup>a</sup> actualización). Graellsia, 60 (número extraordinario): 545. Available online at: [http://bba.bioucm.es/cont/docs/RO\\_1.pdf](http://bba.bioucm.es/cont/docs/RO_1.pdf) [Accessed on January 2024].

Weigmann G. Hornmilben (Oribatida): Acari, Actinochaetida. Goecke & Evers, Keltern. 2006. 520 pp.

**CATALOGUE OF CARABUS ESTREICHERI FISCHER VON WALDHEIM, 1820  
& CARABUS EXCELLENS FABRICIUS, 1798 (COLEOPTERA, CARABIDAE)  
SPECIMENS DEPOSITED IN THE STATE MUSEUM OF  
NATURAL HISTORY NASU, LVIV, UKRAINE**

Volodymyr RIZUN

State Museum of Natural History NASU, Lviv, e-mail: [rizunv@ukr.net](mailto:rizunv@ukr.net)

DOI: <https://doi.org/10.36885/cdcsmnh.2024.24>

The species *Carabus estreicheri* Fischer von Waldheim, 1820 was recorded from the following settlements and regions: Drancha Mt. near Brody town, Podillia (Butsyky village, Tovtry, Pantelykhy steppe) (Nowicki, 1864), Brody (Łomnicki, 1868), Butsyky (Łomnicki, 1870), Podillia (Nowicki, 1873), Maksymivka village (Rybinski, 1903), Galicia, Volynska, Podilska (Proskuriv, Fisch.-W.), Khersonska (Kryn., Chaud.), Kyivska, Poltavská, Katerynoslavská gubernias (governorates (gubernias) – administrative divisions Russian Empire) (Якобсон, 1905), Podillia (Łomnicki, 1913), Lvivska province: Brody town vicinity, Brodovskyi district, Peniaky village, Zolochivskyi district, Velyka Vilshanytsia village vicinity, Lysa Hora Mt., Novosilky village, Pidlypivtsi village; Ternopilska province: Borshchivskyi district, Ivane-Puste village vicinity, Husiatynskyi district, Hrymailiv town, Medobory ridge, Terebovlanskyi district, Derenivka locality (Ризун, 1990), collected for the first time in the post Second World War years in Barber's soil traps 12.05-2.06.2007 near village Yaseniv (Brodovskyi district, Lvivska oblast) in a small (1-1.5 ha) steppe area (Панін, 2009), Right-Bank Polissia (Mixed Forest Zone), Left-Bank Polissia (Mixed Forest Zone), Broadleaved Forest Zone (including the Ciscarpathian region, and with the foothills of the Carpathians up to 300 m a.s.l. and Male Polissia), Right-Bank Forest Steppe, Left-Bank Forest Steppe, Northern sub-zone of the Right-Bank Steppe, Northern sub-zone of the Left-Bank Steppe (Пучков, 2012).

There are 27 specimens of *Carabus estreicheri* Fischer von Waldheim, 1822 in the collection of the State Museum of Natural History NASU, Lviv. The beetles were collected by M. Łomnicki, J. Łomnicki, V. Zanko, M. Świątkiewicz, J. Mazurek, A. Stöckl and apparently by Nowicki M. All specimens were collected in the second half of the 19th century and in the first half of the 20th century, and only two labels indicate the years of collection: 1904 and 1906, while the rest of the labels have only date marks (day/month).

There is a reason to believe that one specimen (Inventory number – E2.19.01.04.07/3, Digital record number – SMNH002254, Data Centre “Biodiversity of Ukraine” – ID 21599) was probably collected by M. Nowicki and mentioned by himself in his work (Nowicki, 1865), and another one specimen (Inventory number – E2.19.01.04.07/4, Digital record number – SMNH002255, Data Centre “Biodiversity of Ukraine” – ID 21600) was apparently too collected by M. Nowicki and mentioned by himself in his work (Nowicki, 1864).

The species *Carabus excellens* Fabricius, 1801 was recored from the following settlements and regions: Podillia, Butsyky village (Nowicki, 1864), Tovste village, Synkiv village (Łomnicki, 1870), Kyiv city vicinity (Hochhuth, 1871), Podillia, northern part of Bukovyna (Nowicki, 1873), Vovchynets village (mountain) (Łomnicki, 1875), Bilche village (Łomnicki, 1877), near Lviv

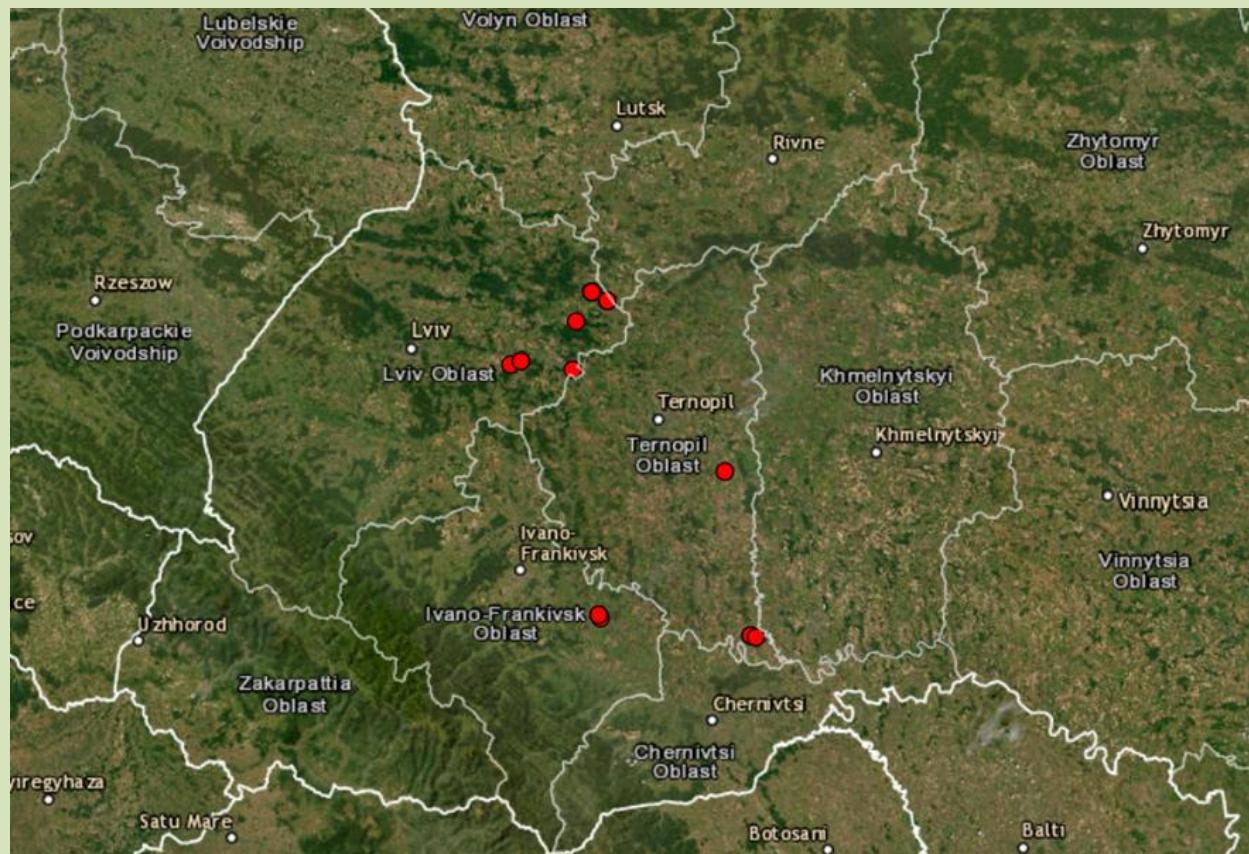


Fig. 1. Findings of *Carabus estreicheri* Fischer von Waldheim, 1820 in the collection of SMNH (according <<http://dc.smnh.org/>>).



Fig. 2. Findings of *Carabus excellens* Fabricius, 1798 in the collection of SMNH (according <<http://dc.smnh.org/>>).

city (Mokrotynski hills), Bibrka town, Chornushovychi village (Łomnicki, 1890), from Ternopil city to Pidvolochysk town (Rybinski, 1903), Eastern Galicia, Eastern Bukovyna, Volynska, Podilska, Kyivska, Kharkivska, Katerynoslavsk, Khersonska, Chernihivska gubernias (Якобсон, 1905), Podillia (Łomnicki, 1913), Kamianets-Podilskyi vicinity (Якубовский, 1914), Vovchynets village, Sokal town (Kuntze, 1937-1938), «Trostianets» dendrarium (Сметанин, 1981), recorded from the Crimea [6], obviously, by mistake (Эйдельберг, Мальцев, Перваков, 1988), Vinnytska province: Mohyliv-Podilskyi district, Yaryshiv village; Ivano-Frankivska oblast: Horodenka town; Kyiv city; Lvivska province: Zolochivskyi district, Velyka Vilshanytsia village vicinity, Lysa Hora Mt., Lviv city, Zhovkivskyi district, Hriada village, Pustomytivskyi district, Chornushovychi village; Ternopolska province: Borshchivskyi district, Ivane Puste village, Melnytsia Podilska town, Husiatynskyi district, Butsyky village, Hrymailiv town; Monastyryska town, Pidvolochyskyi district, Skalat town (Ризун, 1990), *C. e. excellens* Fabricius, 1798 Right-Bank Polissia (Mixed Forest Zone), Left-Bank Polissia (Mixed Forest Zone), Broadleaved Forest Zone (including the Ciscarpathian region, but with the foothills of the Carpathians up to 300 m and Male Polissia), Right-Bank Forest Steppe, Left-Bank Forest Steppe, Northern sub-zone of the Right-Bank Steppe, Northern sub-zone of the Left-Bank Steppe, Southern sub-zone of the Right-Bank Steppe, Southern sub-zone of the Left-Bank Steppe, *C. e. frivaldskyi* Kraatz, 1887 Zone of broadleaf forests (including Prykarpattia, and with the foothills of the Carpathians up to 300 m and Male Polissya) (Bukovyna) (Пучков, 2012).

There are 71 specimens of *Carabus excellens* Fabricius, 1801 in the collection of the State Museum of Natural History NASU, Lviv. The beetles were collected by Dzieduszycki W., M. Łomnicki, J. Łomnicki, Stetsiv V., Zanko V., Hankevych K., Polianskyi S., Sheshurak P.M., Zelenko N., Yanytskyi T.P., Rizun V.B. The specimens were collected in the second half of the 19-th century, the first half of the 20th century, and during the recent decades.

*Carabus estreicheri* Fischer von Waldheim, 1822 (Coleoptera, Carabidae) has been included into the Red Data Book of Ukraine and both species are under protection in Lvivska province (Рідкісні та зникаючі..., 2013).

The 2023 issue of the catalogue of the digitized collections, deposited in the State Museum of Natural History, National Academy of Sciences of Ukraine contains an article about the species *Rhysodes sulcatus* (Fabricius, 1787) and *Odacantha melanura* (Linnaeus, 1767) (Coleoptera, Carabidae) (Rizun, 2023; Rizun, Diedus, 2023).

This article was written with the support of the National Research Foundation of Ukraine, call 2022.01 «Science for the Recovery of Ukraine in the War and Post-War Periods» the project 2022.01/0013 «Digitization of natural history collections damaged as a result of hostilities and related factors: development of protocols and implementation on the basis of the State Museum of Natural History of the National Academy of Sciences of Ukraine». The contents of this article do not necessarily reflect the views of the National Research Foundation of Ukraine and are the sole responsibility of the State Museum of Natural History, NAS of Ukraine.

*Carabus estreicheri* Fischer von Waldheim, 1822



Inventory number:

E2.19.01.04.07/1

Digital record number:

SMNH002252

Data Centre “Biodiversity of Ukraine”:

ID 21597

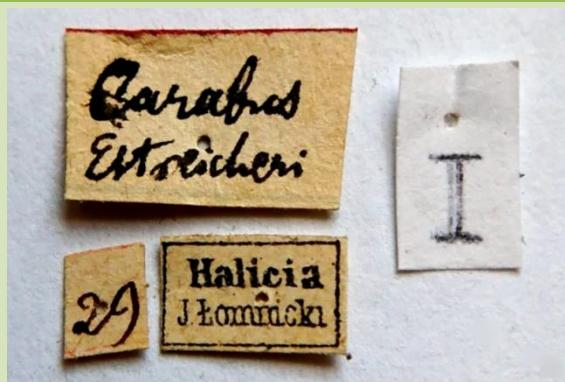


Fig. 3. Specimen of *Carabus estreicheri* Fischer von Waldheim, 1822 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00;  
*Country*: Ukraine; *State Province*: - ; *District*: - ; *Municipality*: - ; *Georegion*: Not set;  
*Locality*: Halychyna; *Habitat*: - ; *Leg*: Łomnicki J.; *Det*: - ; *Institution Code*: SMNH;  
*Citation*: Not set; *Remarks*: cabinet-1168, insect-box-755; label "29".

*Carabus estreicheri* Fischer von Waldheim, 1822



Inventory number:

E2.19.01.04.07/2

Digital record number:

SMNH002253

Data Centre “Biodiversity of Ukraine”:

ID 21598



Fig. 4. Specimen of *Carabus estreicheri* Fischer von Waldheim, 1822 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00;  
*Country*: Ukraine; *State Province*: empty; *District*: - ; *Municipality*: - ; *Reserve*: - ;  
*Georegion*: - ; *Locality*: Halychyna; *Habitat*: - ; *Leg*: Mazurek J.; *Det*: Rizun V.B.;  
*Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-755.

## *Carabus estreicheri* Fischer von Waldheim, 1822



Inventory number:

E2.19.01.04.07/3

Digital record number:

SMNH002254

Data Centre "Biodiversity of Ukraine":

ID 21599

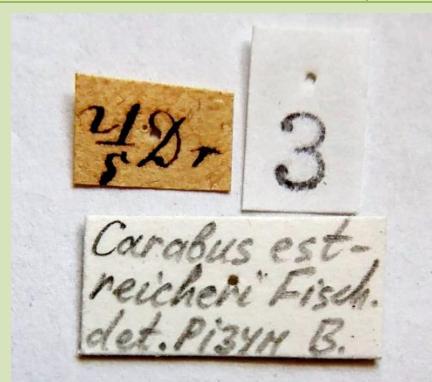


Fig. 5. Specimen of *Carabus estreicheri* Fischer von Waldheim, 1822 in the SMNH collection.

**Collection Type:** MuseumCollection/Specimen; **Count:** 1; **Event Date:** 0000-05-21; **Country:** Ukraine; **State Province:** Lvivska; **District:** Brodovskyi; **Municipality:** Buchyna 2 km NW; **Reserve:** NNP Pivnichne Podillya; **Georegion:** FZB: West Podillia Upland; **Locality:** Makitra Mt. (Drancha Mt.); **Habitat:** - ; **Leg:** Nowicki M.; **Det:** Rizun V.B.; **Institution Code:** SMNH; **Citation:** Nowicki M. Insecta Haliciae Musei Dzieduszyckiani. - Cracoviae, 1865. - 47 p.; **Remarks:** cabinet-1168, insect-box-755; label "Dr".

## *Carabus estreicheri* Fischer von Waldheim, 1822



Inventory number:

E2.19.01.04.07/4

Digital record number:

SMNH002255

Data Centre "Biodiversity of Ukraine":

ID 21600



Fig. 6. Specimen of *Carabus estreicheri* Fischer von Waldheim, 1822 in the SMNH collection.

**Collection Type:** MuseumCollection/Specimen; **Count:** 1; **Event Date:** 0000-05-21; **Country:** Ukraine; **State Province:** Ternopilska; **District:** Ternopilskyi; **Municipality:** Pantalykha N; **Reserve:** - ; **Georegion:** FZB: West Podillia Upland; **Locality:** Pantalykhy steppe; **Habitat:** - ; **Leg:** Nowicki M.; **Det:** Rizun V.B.; **Institution Code:** SMNH; **Citation:** Nowicki M. Przyczynek do owadniczej fauny Galicyi. – Kraków, 1864. – 87 s.; **Remarks:** cabinet-1168, insect-box-755; labels: "Pa", "556".

### *Carabus estreicheri* Fischer von Waldheim, 1822



Inventory number:

**E2.19.01.04.07/5**

Digital record number:

**SMNH002256**

Data Centre “Biodiversity of Ukraine”:

**ID 21601**

Fig. 7. Specimen of *Carabus estreicheri* Fischer von Waldheim, 1822 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-06-20;  
*Country*: Ukraine; *State Province*: - ; *District*: - ; *Municipality*: - ; *Reserve*: - ; *Georegion*:  
- ; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ;  
*Remarks*: cabinet-1168, insect-box-755; этикетка "Pri".

### *Carabus estreicheri* Fischer von Waldheim, 1822



Inventory number:

**E2.19.01.04.07/6**

Digital record number:

**SMNH002257**

Data Centre “Biodiversity of Ukraine”:

**ID 21603**

Fig. 8. Specimen of *Carabus estreicheri* Fischer von Waldheim, 1822 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1904-06-11;  
*Country*: Ukraine; *State Province*: Ternopilska; *District*: Husiatynskyi; *Municipality*: - ;  
*Reserve*: NR Medobory; *Georegion*: FZB: West Podillia Upland; *Locality*: Medobory;  
*Habitat*: - ; *Leg*: Łomnicki M.; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ;  
*Remarks*: cabinet-1168, insect-box-755.

## *Carabus estreicheri* Fischer von Waldheim, 1822



Inventory number:

E2.19.01.04.07/7

Digital record number:

SMNH002258

Data Centre “Biodiversity of Ukraine”:

ID 21604

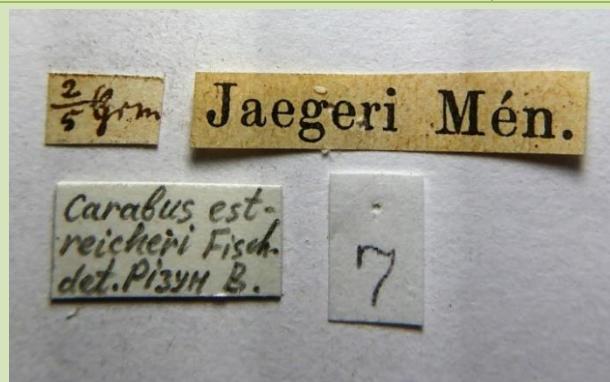


Fig. 9. Specimen of *Carabus estreicheri* Fischer von Waldheim, 1822 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-05-02; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Chortkivskyi; *Municipality*: Hrymailiv; *Reserve*: NR Medobory; *Georegion*: FZB: West Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-755; label "jaegeri Men."

## *Carabus estreicheri* Fischer von Waldheim, 1822



Inventory number:

E2.19.01.04.07/8

Digital record number:

SMNH002259

Data Centre “Biodiversity of Ukraine”:

ID 21605



Fig. 10. Specimen of *Carabus estreicheri* Fischer von Waldheim, 1822 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-06-08; *Country*: Ukraine; *State Province*: Lvivska; *District*: Brodivskyi; *Municipality*: Brody, vicinity; *Reserve*: NNP Pivnichne Podillya; *Georegion*: FZB: Male Polissia; *Locality*: Makitra Mt.; *Habitat*: steppe fragment; *Leg*: - ; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-755.

## *Carabus estreicheri* Fischer von Waldheim, 1822



Inventory number:

**E2.19.01.04.07/9**

Digital record number:

**SMNH002260**

Data Centre “Biodiversity of Ukraine”:

**ID 21606**



Fig. 11. Specimen of *Carabus estreicheri* Fischer von Waldheim, 1822 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-06-08; *Country*: Ukraine; *State Province*: Lvivska; *District*: Brodivskyi; *Municipality*: Brody, vicinity; *Reserve*: NNP Pivnichne Podillya; *Georegion*: FZB: Male Polissia; *Locality*: Makitra Mt.; *Habitat*: steppe fragment; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-755; label "jaegeri Lf."

## *Carabus estreicheri* Fischer von Waldheim, 1822



Inventory number:

**E2.19.01.04.07/10**

Digital record number:

**SMNH002261**

Data Centre “Biodiversity of Ukraine”:

**ID 21607**

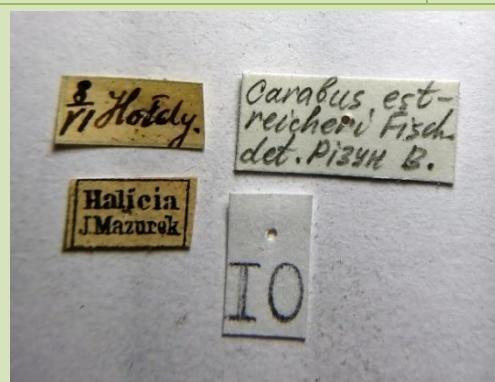


Fig. 12. Specimen of *Carabus estreicheri* Fischer von Waldheim, 1822 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-06-08; *Country*: Ukraine; *State Province*: Lvivska; *District*: Brodivskyi; *Municipality*: Brody; *Reserve*: empty; *Georegion*: FZB: Male Polissia; *Locality*: Holdy; *Habitat*: - ; *Leg*: Mazurek J.; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-755.

## *Carabus estreicheri* Fischer von Waldheim, 1822



Inventory number: E2.19.01.04.07/11  
Digital record number: SMNH002262  
Data Centre “Biodiversity of Ukraine”: ID 21608



Fig. 13. Specimen of *Carabus estreicheri* Fischer von Waldheim, 1822 in the SMNH collection.

*Collection Type:* MuseumCollection/Specimen; *Count:* 1; *Event Date:* 0000-08-01; *Country:* Ukraine; *State Province:* Lvivska; *District:* Brodivskyi; *Municipality:* Brody; *Reserve:* - ; *Georegion:* FZB: Male Polissia; *Locality:* Holdy; *Habitat:* - ; *Leg:* - ; *Det:* Rizun V.B.; *Institution Code:* SMNH; *Citation:* - ; *Remarks:* cabinet-1168, insect-box-755.

## *Carabus estreicheri* Fischer von Waldheim, 1822



Inventory number: E2.19.01.04.07/12  
Digital record number: SMNH002263  
Data Centre “Biodiversity of Ukraine”: ID 21741

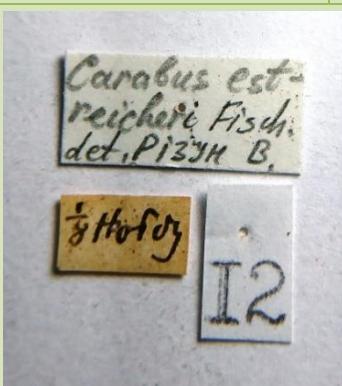


Fig. 14. Specimen of *Carabus estreicheri* Fischer von Waldheim, 1822 in the SMNH collection.

*Collection Type:* MuseumCollection/Specimen; *Count:* 1; *Event Date:* 0000-08-01; *Country:* Ukraine; *State Province:* Lvivska; *District:* Brodivskyi; *Municipality:* Brody; *Reserve:* - ; *Georegion:* FZB: Male Polissia; *Locality:* Holdy; *Habitat:* - ; *Leg:* - ; *Det:* Rizun V.B.; *Institution Code:* SMNH; *Citation:* - ; *Remarks:* cabinet-1168, insect-box-755.

<b><i>Carabus estreicheri</i> Fischer von Waldheim, 1822</b>		
Inventory number:	<b>E2.19.01.04.07/13</b>	
Digital record number:	<b>SMNH002264</b>	
Data Centre “Biodiversity of Ukraine”:	<b>ID 21742</b>	

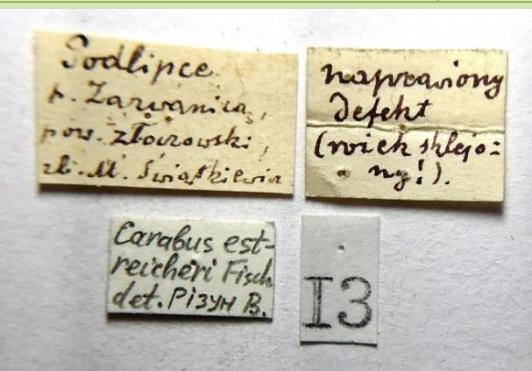



Fig. 15. Specimen of *Carabus estreicheri* Fischer von Waldheim, 1822 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Lvivska; *District*: Zolochivskyi; *Municipality*: Pidlyptsi; *Reserve*: - ; *Georegion*: FZB: West Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: Świątkiewicz M.; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-755.

<b><i>Carabus estreicheri</i> Fischer von Waldheim, 1822</b>		
Inventory number:	<b>E2.19.01.04.07/14</b>	
Digital record number:	<b>SMNH002265</b>	
Data Centre “Biodiversity of Ukraine”:	<b>ID 21743</b>	




Fig. 16. Specimen of *Carabus estreicheri* Fischer von Waldheim, 1822 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Borshchivskyi; *Municipality*: Ivane-Puste; *Reserve*: empty; *Georegion*: FZB: West Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: Stöckl A.; *Det*: - Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-755.

***Carabus estreicheri* Fischer von Waldheim, 1822**



Inventory number: **E2.19.01.04.07/15**  
Digital record number: **SMNH002266**  
Data Centre “Biodiversity of Ukraine”: **ID 21744**



Fig. 17. Specimen of *Carabus estreicheri* Fischer von Waldheim, 1822 in the SMNH collection.

*Collection Type:* MuseumCollection/Specimen; *Count:* 1; *Event Date:* 0000-00-00;  
*Country:* Ukraine; *State Province:* Ternopilska; *District:* Borshchivskyi; *Municipality:* Ivane-Puste; *Reserve:* - ; *Georegion:* FZB: West Podillia: Upland; *Locality:* - ; *Habitat:* - ;  
*Leg:* Stöckl A.; *Det:* - ; *Institution Code:* SMNH; *Citation:* - ; *Remarks:* cabinet-1168, insect-box-755.

***Carabus estreicheri* Fischer von Waldheim, 1822**



Inventory number: **E2.19.01.04.07/16**  
Digital record number: **SMNH002268**  
Data Centre “Biodiversity of Ukraine”: **ID 21746**



Fig. 18. Specimen of *Carabus estreicheri* Fischer von Waldheim, 1822 in the SMNH collection.

*Collection Type:* MuseumCollection/Specimen; *Count:* 1; *Event Date:* 0000-00-00;  
*Country:* Ukraine; *State Province:* Ternopilska; *District:* Borshchivskyi; *Municipality:* Ivane-Puste; *Reserve:* empty; *Georegion:* FZB: West Podillia Upland; *Locality:* - ;  
*Habitat:* - ; *Leg:* Stöckl A.; *Det:* - Rizun V.B.; *Institution Code:* SMNH; *Citation:* - ;  
*Remarks:* cabinet-1168, insect-box-755.

### *Carabus estreicheri* Fischer von Waldheim, 1822



Inventory number: E2.19.01.04.07/17  
Digital record number: SMNH002269  
Data Centre “Biodiversity of Ukraine”: ID 21747

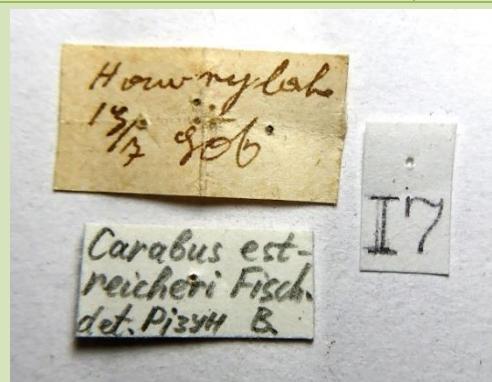


Fig. 19. Specimen of *Carabus estreicheri* Fischer von Waldheim, 1822 in the SMNH collection.

*Collection Type:* MuseumCollection/Specimen; *Count:* 1; *Event Date:* 1906-07-19;  
*Country:* Ukraine; *State Province:* Ivano-Frankivska; *District:* Tlumatskyi; *Municipality:* Havryliak; *Reserve:* - ; *Georegion:* FZB: Prut-Dnister Upland; *Locality:* - ; *Habitat:* - ;  
*Leg:* - ; *Det:* Rizun V.B.; *Institution Code:* SMNH; *Citation:* - ; *Remarks:* cabinet-1168,  
insect-box-755.

### *Carabus estreicheri* Fischer von Waldheim, 1822



Inventory number: E2.19.01.04.07/18  
Digital record number: SMNH002270  
Data Centre “Biodiversity of Ukraine”: ID 21748



Fig. 20. Specimen of *Carabus estreicheri* Fischer von Waldheim, 1822 in the SMNH collection.

*Collection Type:* MuseumCollection/Specimen; *Count:* 1; *Event Date:* 1906-07-19;  
*Country:* Ukraine; *State Province:* Ivano-Frankivska; *District:* Tlumatskyi; *Municipality:* Havryliak; *Reserve:* - ; *Georegion:* FZB: Prut-Dnister Upland; *Locality:* - ; *Habitat:* - ;  
*Leg:* - ; *Det:* Rizun V.B.; *Institution Code:* SMNH; *Citation:* - ; *Remarks:* cabinet-1168,  
insect-box-755.

<b><i>Carabus estreicheri</i> Fischer von Waldheim, 1822</b>		
Inventory number:	<b>E2.19.01.04.07/19</b>	
Digital record number:	<b>SMNH002271</b>	
Data Centre “Biodiversity of Ukraine”:	<b>ID 21749</b>	

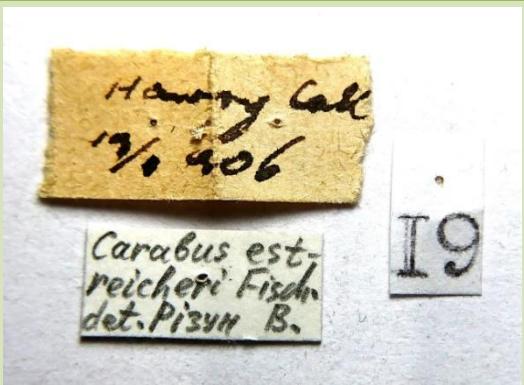



Fig. 21. Specimen of *Carabus estreicheri* Fischer von Waldheim, 1822 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1906-07-19; *Country*: Ukraine; *State Province*: Ivano-Frankivska; *District*: Tlumatskyi; *Municipality*: Havryliak; *Reserve*: - ; *Georegion*: FZB: Prut-Dnister Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-755.

<b><i>Carabus estreicheri</i> Fischer von Waldheim, 1822</b>		
Inventory number:	<b>E2.19.01.04.07/20</b>	
Digital record number:	<b>SMNH002272</b>	
Data Centre “Biodiversity of Ukraine”:	<b>ID 21750</b>	

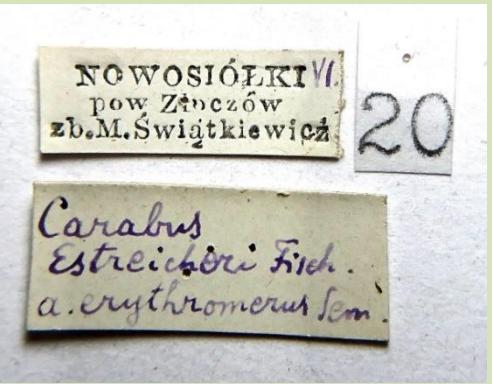



Fig. 22. Specimen of *Carabus estreicheri* Fischer von Waldheim, 1822 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-06-00; *Country*: Ukraine; *State Province*: Lvivska; *District*: Zolochivskyi; *Municipality*: Novosilky; *Reserve*: NNP Pivnichne Podillya; *Georegion*: FZB: West Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: Świątkiewicz M.; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-755.

## *Carabus estreicheri* Fischer von Waldheim, 1822



Inventory number:

E2.19.01.04.07/21

Digital record number:

SMNH002273

Data Centre “Biodiversity of Ukraine”:

ID 21751



Fig. 23. Specimen of *Carabus estreicheri* Fischer von Waldheim, 1822 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-05-00; *Country*: Ukraine; *State Province*: Lvivska; *District*: Zolochivskyi; *Municipality*: Velyka Vilshanytsia; *Reserve*: LN Lysa Hora Mt and Sypukha Mt; *Georegion*: FZB: West Podillia Upland; *Locality*: Lysa Hora Mt.; *Habitat*: steppe fragment; *Leg*: Świątkiewicz M.; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-755.

## *Carabus estreicheri* Fischer von Waldheim, 1822



Inventory number:

E2.19.01.04.07/22

Digital record number:

SMNH002274

Data Centre “Biodiversity of Ukraine”:

ID 21752



Fig. 24. Specimen of *Carabus estreicheri* Fischer von Waldheim, 1822 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-06-00; *Country*: Ukraine; *State Province*: Lvivska; *District*: Zolochivskyi; *Municipality*: Velyka Vilshanytsia; *Reserve*: LN Lysa Hora Mt and Sypukha Mt; *Georegion*: FZB: West Podillia Upland; *Locality*: Lysa Hora Mt.; *Habitat*: - ; *Leg*: Świątkiewicz M.; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-755.

### *Carabus estreicheri* Fischer von Waldheim, 1822



Inventory number: **E2.19.01.04.07/23**  
 Digital record number: **SMNH002275**  
 Data Centre “Biodiversity of Ukraine”: **ID 21807**

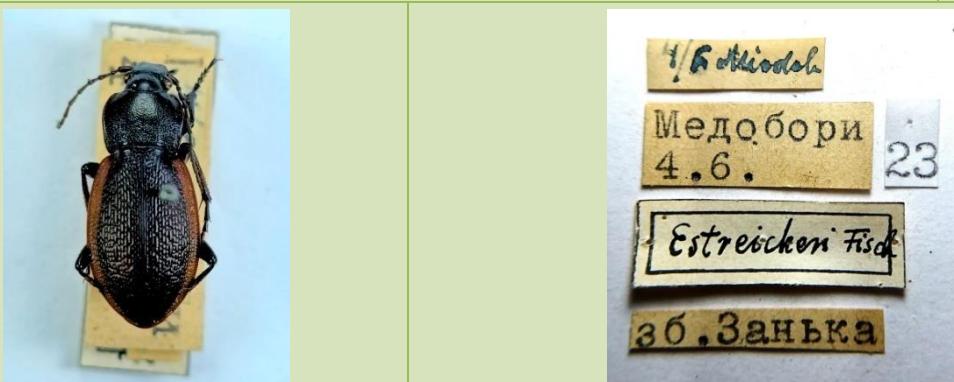


Fig. 25. Specimen of *Carabus estreicheri* Fischer von Waldheim, 1822 in the SMNH collection.

*Collection Type:* MuseumCollection/Specimen; *Count:* 1; *Event Date:* 0000-06-04;  
*Country:* Ukraine; *State Province:* Ternopilska; *District:* Husiatynskyi; *Municipality:* - ;  
*Reserve:* NR Medobory; *Georegion:* FZB: West Podillia Upland; *Locality:* Medobory;  
*Habitat:* - ; *Leg:* - ; *Det:* - ; *Institution Code:* SMNH; *Citation:* - ; *Remarks:* cabinet-1168,  
 insect-box-755.

### *Carabus estreicheri* Fischer von Waldheim, 1822



Inventory number: **E2.19.01.04.07/24**  
 Digital record number: **SMNH002276**  
 Data Centre “Biodiversity of Ukraine”: **ID 21808**



Fig. 26. Specimen of *Carabus estreicheri* Fischer von Waldheim, 1822 in the SMNH collection.

*Collection Type:* MuseumCollection/Specimen; *Count:* 1; *Event Date:* 0000-06-04;  
*Country:* Ukraine; *State Province:* Ternopilska; *District:* Husiatynskyi; *Municipality:* - ;  
*Reserve:* NR Medobory; *Georegion:* FZB: West Podillia Upland; *Locality:* Medobory;  
*Habitat:* - ; *Leg:* Zaňko V.; *Det:* Rizun V.B.; *Institution Code:* SMNH; *Citation:* - ;  
*Remarks:* cabinet-1168, insect-box-755.

<b><i>Carabus estreicheri</i> Fischer von Waldheim, 1822</b>		
Inventory number:	<b>E2.19.01.04.07/25</b>	
Digital record number:	<b>SMNH002277</b>	
Data Centre “Biodiversity of Ukraine”:	<b>ID 21809</b>	




Fig. 27. Specimen of *Carabus estreicheri* Fischer von Waldheim, 1822 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-06-04; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Husiatynskyi; *Municipality*: - ; *Reserve*: NR Medobory; *Georegion*: FZB: West Podillia Upland; *Locality*: Medobory; *Habitat*: - ; *Leg*: Zańko V.; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-755.

<b><i>Carabus estreicheri</i> Fischer von Waldheim, 1822</b>		
Inventory number:	<b>E2.19.01.04.07/26</b>	
Digital record number:	<b>SMNH002278</b>	
Data Centre “Biodiversity of Ukraine”:	<b>ID 21810</b>	




Fig. 28. Specimen of *Carabus estreicheri* Fischer von Waldheim, 1822 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-06-04; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Husiatynskyi; *Municipality*: - ; *Reserve*: NR Medobory; *Georegion*: FZB: West Podillia Upland; *Locality*: Medobory; *Habitat*: - ; *Leg*: Zańko V.; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-755.

***Carabus estreicheri* Fischer von Waldheim, 1822**



Inventory number:

**E2.19.01.04.07/27**

Digital record number:

**SMNH002279**

Data Centre “Biodiversity of Ukraine”:

**ID 21811**

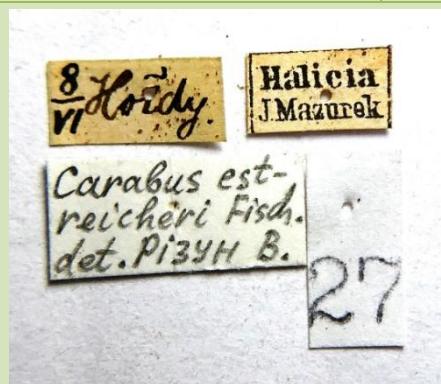


Fig. 29. Specimen of *Carabus estreicheri* Fischer von Waldheim, 1822 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-06-08; *Country*: Ukraine; *State Province*: Lvivska; *District*: Brodivskyi; *Municipality*: Brody; *Reserve*: - ; *Georegion*: FZB: Male Polissia; *Locality*: Holdy; *Habitat*: - ; *Leg*: Mazurek J.; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-755.

***Carabus excellens* Fabricius, 1798**



Inventory number:

**E2.19.01.04.24/01**

Digital record number:

**SMNH010648**

Data Centre “Biodiversity of Ukraine”:

**ID 70308**



Fig. 30. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: - ; *District*: - ; *Municipality*: - ; *Reserve*: - ; *Georegion*: - ; *Locality*: Galicia; *Habitat*: - ; *Leg*: Łomnicki J.; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<i>Carabus excellens</i> Fabricius, 1798		
Inventory number: Digital record number: Data Centre “Biodiversity of Ukraine”:	E2.19.01.04.24/02 SMNH010649 ID 70309	

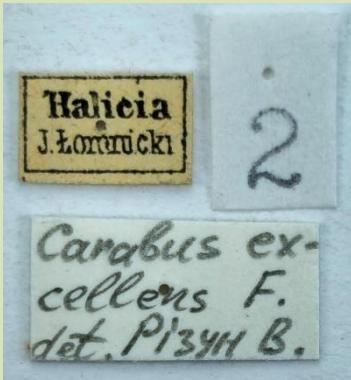


Fig. 31. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: - ; *District*: - ; *Municipality*: - ; *Reserve*: - ; *Georegion*: - ; *Locality*: Galicia; *Habitat*: - ; *Leg*: Łomnicki J.; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<i>Carabus excellens</i> Fabricius, 1798		
Inventory number: Digital record number: Data Centre “Biodiversity of Ukraine”:	E2.19.01.04.24/03 SMNH010650 ID 70310	



Fig. 32. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: - ; *District*: - ; *Municipality*: - ; *Reserve*: - ; *Georegion*: - ; *Locality*: Galicia; *Habitat*: - ; *Leg*: Łomnicki J.; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/04	
Digital record number:	SMNH010651	
Data Centre “Biodiversity of Ukraine”:	ID 70311	





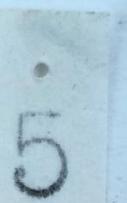

**Carabus v. excellens F.**

Fig. 33. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-08-16; *Country*: Ukraine; *State Province*: Lvivska; *District*: Lvivskyi; *Municipality*: Lviv; *Reserve*: - ; *Georegion*: FZB: ROp: Roztochchia; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/05	
Digital record number:	SMNH010652	
Data Centre “Biodiversity of Ukraine”:	ID 70312	



**v. excellens F.**

Fig. 34. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-08-14; *Country*: - ; *State Province*: - ; *District*: - ; *Municipality*: - ; *Reserve*: - ; *Georegion*: - ; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

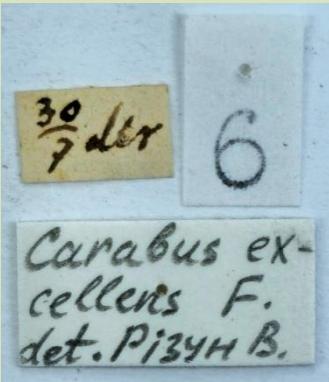
<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/06	
Digital record number:	SMNH010653	
Data Centre “Biodiversity of Ukraine”:	ID 70313	
		

Fig. 35. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-07-30; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Ternopilskyi; *Municipality*: Markova; *Reserve*: - ; *Georegion*: FZB: ROp: Opillia; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

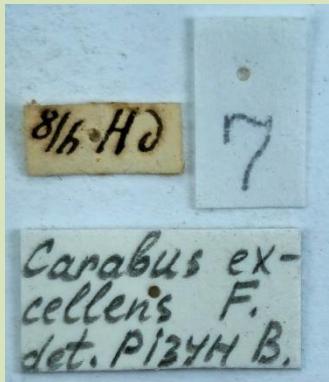
<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/07	
Digital record number:	SMNH010654	
Data Centre “Biodiversity of Ukraine”:	ID 70314	
		

Fig. 36. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-06-08; *Country*: Ukraine; *State Province*: Lvivska; *District*: Zolochivskyi; *Municipality*: Brody; *Reserve*: NNP Pivnichne Podillya; *Georegion*: FZB: Male Polissia; *Locality*: Holdy; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/08	
Digital record number:	SMNH010655	
Data Centre “Biodiversity of Ukraine”:	ID 70315	
		

Fig. 37. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-05-02; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Chortkivskyi; *Municipality*: Hrymailiv; *Reserve*: NR Medobory; *Georegion*: FZB: West Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: Łomnicki M.; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/09	
Digital record number:	SMNH010656	
Data Centre “Biodiversity of Ukraine”:	ID 70316	
		

Fig. 38. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-07-20; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Chortkivskyi; *Municipality*: Butsyky; *Reserve*: NR Medobory; *Georegion*: FZB: West Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/10	
Digital record number:	SMNH010657	
Data Centre “Biodiversity of Ukraine”:	ID 70317	
		

Fig. 39. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-07-20; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Chortkivskyi; *Municipality*: Butsyky; *Reserve*: NR Medobory; *Georegion*: FZB: West Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/11	
Digital record number:	SMNH010658	
Data Centre “Biodiversity of Ukraine”:	ID 70480	
		

Fig. 40. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-07-20; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Chortkivskyi; *Municipality*: Butsyky; *Reserve*: NR Medobory; *Georegion*: FZB: West Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

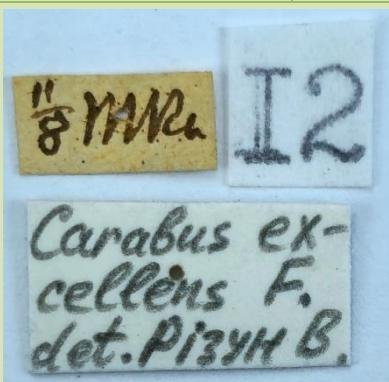
<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/12	
Digital record number:	SMNH010659	
Data Centre “Biodiversity of Ukraine”:	ID 70481	
		

Fig. 41. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-08-11; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Chortkivskyi; *Municipality*: Monasteryska; *Reserve*: - ; *Georegion*: FZB: ROp: Opillia; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

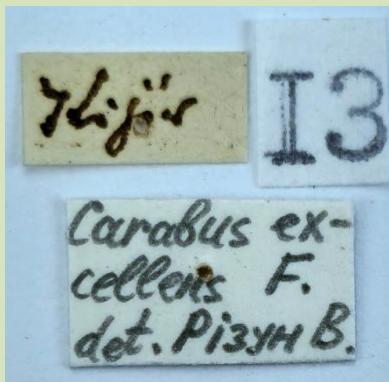
<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/13	
Digital record number:	SMNH010660	
Data Centre “Biodiversity of Ukraine”:	ID 70482	
		

Fig. 42. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Kyivska; *District*: - ; *Municipality*: Kyiv; *Reserve*: - ; *Georegion*: FSZ: PdDpL: Kyiv Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

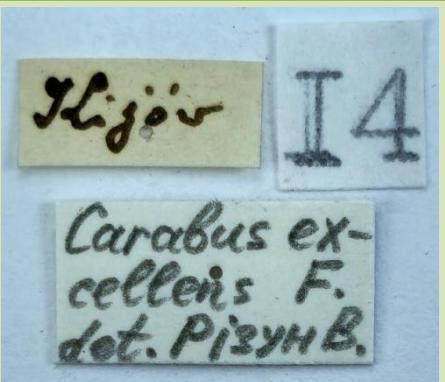
<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/14	
Digital record number:	SMNH010661	
Data Centre “Biodiversity of Ukraine”:	ID 70483	
		

Fig. 43. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Kyivska; *District*: - ; *Municipality*: Kyiv; *Reserve*: - ; *Georegion*: FSZ: PdDpL: Kyiv Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/15	
Digital record number:	SMNH010662	
Data Centre “Biodiversity of Ukraine”:	ID 70484	
		

Fig. 44. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Kyivska; *District*: - ; *Municipality*: Kyiv; *Reserve*: - ; *Georegion*: FSZ: PdDpL: Kyiv Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/16	
Digital record number:	SMNH010663	
Data Centre “Biodiversity of Ukraine”:	ID 70485	
		

Fig. 45. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Kyivska; *District*: - ; *Municipality*: Kyiv; *Reserve*: - ; *Georegion*: FSZ: PdDpL: Kyiv Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/17	
Digital record number:	SMNH010664	
Data Centre “Biodiversity of Ukraine”:	ID 70486	
		

Fig. 46. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Kyivska; *District*: - ; *Municipality*: Kyiv; *Reserve*: - ; *Georegion*: FSZ: PdDpL: Kyiv Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/18	
Digital record number:	SMNH010665	
Data Centre “Biodiversity of Ukraine”:	ID 70487	
		

Fig. 47. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Kyivska; *District*: - ; *Municipality*: Kyiv; *Reserve*: - ; *Georegion*: FSZ: PdDpL: Kyiv Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

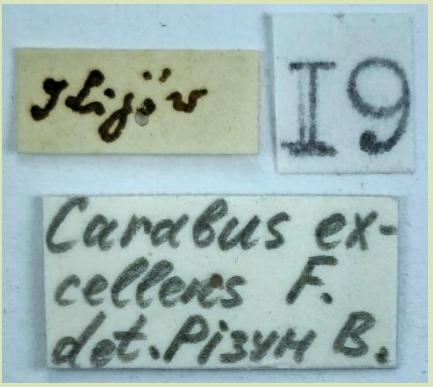
<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/19	
Digital record number:	SMNH010666	
Data Centre “Biodiversity of Ukraine”:	ID 70488	
		

Fig. 48. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Kyivska; *District*: - ; *Municipality*: Kyiv; *Reserve*: - ; *Georegion*: FSZ: PdDpL: Kyiv Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	<b>E2.19.01.04.24/20</b>	
Digital record number:	<b>SMNH010667</b>	
Data Centre “Biodiversity of Ukraine”:	<b>ID 70489</b>	
		

Fig. 49. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Kyivska; *District*: - ; *Municipality*: Kyiv; *Reserve*: - ; *Georegion*: FSZ: PdDpL: Kyiv Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	<b>E2.19.01.04.24/21</b>	
Digital record number:	<b>SMNH010668</b>	
Data Centre “Biodiversity of Ukraine”:	<b>ID 70490</b>	
		

Fig. 50. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Kyivska; *District*: - ; *Municipality*: Kyiv; *Reserve*: - ; *Georegion*: FSZ: PdDpL: Kyiv Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

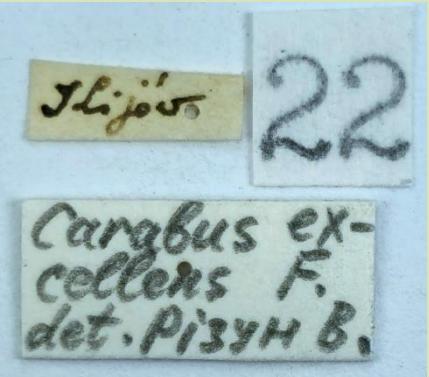
<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	<b>E2.19.01.04.24/22</b>	
Digital record number:	<b>SMNH010669</b>	
Data Centre “Biodiversity of Ukraine”:	<b>ID 70491</b>	
		

Fig. 51. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Kyivska; *District*: - ; *Municipality*: Kyiv; *Reserve*: - ; *Georegion*: FSZ: PdDpL: Kyiv Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	<b>E2.19.01.04.24/23</b>	
Digital record number:	<b>SMNH010670</b>	
Data Centre “Biodiversity of Ukraine”:	<b>ID 70492</b>	
		

Fig. 52. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Kyivska; *District*: - ; *Municipality*: Kyiv; *Reserve*: - ; *Georegion*: FSZ: PdDpL: Kyiv Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/24	
Digital record number:	SMNH010671	
Data Centre “Biodiversity of Ukraine”:	ID 70493	
		

Fig. 53. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1896-04-00; *Country*: Ukraine; *State Province*: Vinnytska; *District*: Mohyliv-Podilskyi; *Municipality*: Yaryshiv; *Reserve*: - ; *Georegion*: FSZ: PdDpL: Dnister-East Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: Dzieduszycki W.; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

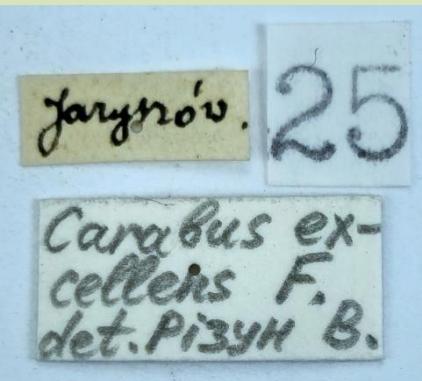
<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/25	
Digital record number:	SMNH010672	
Data Centre “Biodiversity of Ukraine”:	ID 70494	
		

Fig. 54. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Vinnytska; *District*: Mohyliv-Podilskyi; *Municipality*: Yaryshiv; *Reserve*: - ; *Georegion*: FSZ: PdDpL: Dnister-East Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/26	
Digital record number:	SMNH010673	
Data Centre “Biodiversity of Ukraine”:	ID 70617	
		

Fig. 55. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-08-00; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Ternopilskyi; *Municipality*: Skalat; *Reserve*: - ; *Georegion*: FZB: West Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

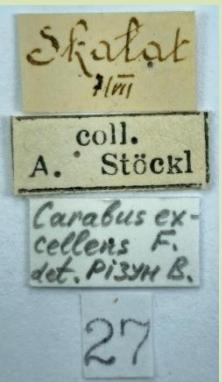
<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/27	
Digital record number:	SMNH010674	
Data Centre “Biodiversity of Ukraine”:	ID 70618	
		

Fig. 56. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-07-07; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Ternopilskyi; *Municipality*: Skalat; *Reserve*: - ; *Georegion*: FZB: West Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

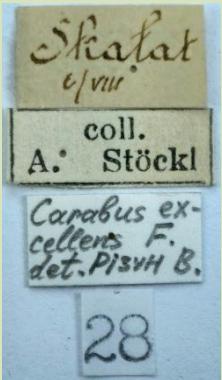
<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/28	
Digital record number:	SMNH010675	
Data Centre “Biodiversity of Ukraine”:	ID 70619	
		

Fig. 57. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-08-06; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Ternopilskyi; *Municipality*: Skalat; *Reserve*: - ; *Georegion*: FZB: West Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

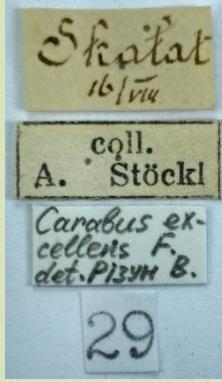
<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/29	
Digital record number:	SMNH010676	
Data Centre “Biodiversity of Ukraine”:	ID 70620	
		

Fig. 58. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-08-16; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Ternopilskyi; *Municipality*: Skalat; *Reserve*: - ; *Georegion*: FZB: West Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

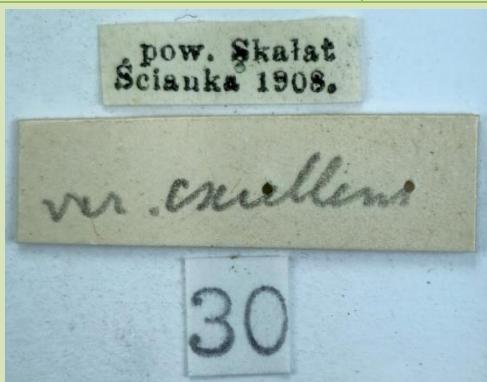
<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/30	
Digital record number:	SMNH010677	
Data Centre “Biodiversity of Ukraine”:	ID 70621	
		

Fig. 59. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1908-00-00; *Country*: Ukraine; *State Province*: Ternopilska; *District*: - ; *Municipality*: Skalat vicinity; *Reserve*: - ; *Georegion*: FZB: West Podillia Upland; *Locality*: Stinka; *Habitat*: - ; *Leg*: - ; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

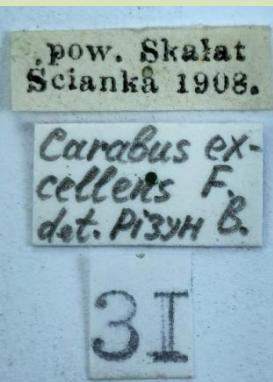
<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/31	
Digital record number:	SMNH010678	
Data Centre “Biodiversity of Ukraine”:	ID 70622	
		

Fig. 60 Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1908-00-00; *Country*: Ukraine; *State Province*: Ternopilska; *District*: - ; *Municipality*: Skalat vicinity; *Reserve*: - ; *Georegion*: FZB: West Podillia Upland; *Locality*: Stinka; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

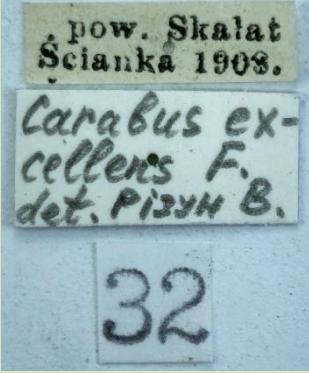
<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/32	
Digital record number:	SMNH010679	
Data Centre “Biodiversity of Ukraine”:	ID 70623	
		

Fig. 61. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1908-00-00; *Country*: Ukraine; *State Province*: Ternopilska; *District*: - ; *Municipality*: Skalat vicinity; *Reserve*: - ; *Georegion*: FZB: West Podillia Upland; *Locality*: Stinka; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

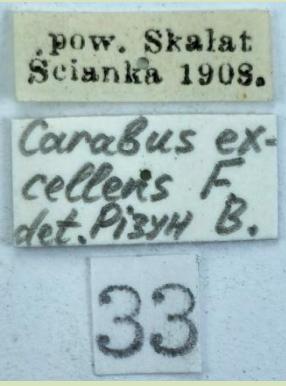
<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/33	
Digital record number:	SMNH010680	
Data Centre “Biodiversity of Ukraine”:	ID 70624	
		

Fig. 62. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1908-00-00; *Country*: Ukraine; *State Province*: Ternopilska; *District*: - ; *Municipality*: Skalat vicinity; *Reserve*: - ; *Georegion*: FZB: West Podillia Upland; *Locality*: Stinka; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

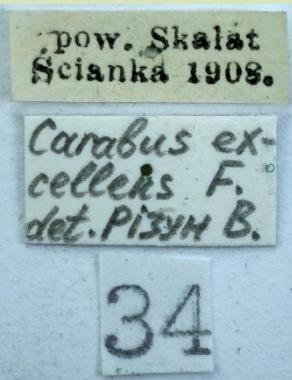
<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/34	
Digital record number:	SMNH010681	
Data Centre “Biodiversity of Ukraine”:	ID 70625	
		

Fig. 63. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1908-00-00; *Country*: Ukraine; *State Province*: Ternopilska; *District*: - ; *Municipality*: Skalat vicinity; *Reserve*: empty; *Georegion*: FZB: West Podillia Upland; *Locality*: Stinka; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

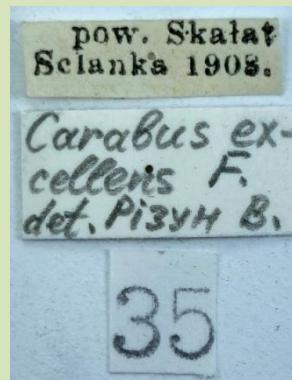
<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/35	
Digital record number:	SMNH010682	
Data Centre “Biodiversity of Ukraine”:	ID 70626	
		

Fig. 64. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1908-00-00; *Country*: Ukraine; *State Province*: Ternopilska; *District*: - ; *Municipality*: Skalat vicinity; *Reserve*: - ; *Georegion*: FZB: West Podillia Upland; *Locality*: Stinka; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/36	
Digital record number:	SMNH010683	
Data Centre “Biodiversity of Ukraine”:	ID 70700	
		

Fig. 65. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Chortkivskyi; *Municipality*: Melnytsia-Podilska; *Reserve*: NNP Dnister Canyon; *Georegion*: FZB: West Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/37	
Digital record number:	SMNH010684	
Data Centre “Biodiversity of Ukraine”:	ID 70701	
		

Fig. 66. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Chortkivskyi; *Municipality*: Melnytsia-Podilska; *Reserve*: NNP Dnister Canyon; *Georegion*: FZB: West Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/38	
Digital record number:	SMNH010685	
Data Centre “Biodiversity of Ukraine”:	ID 70702	
		

Fig. 67. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Chortkivskyi; *Municipality*: Melnytsia-Podilska; *Reserve*: NNP Dnister Canyon; *Georegion*: FZB: West Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/39	
Digital record number:	SMNH010686	
Data Centre “Biodiversity of Ukraine”:	ID 70703	
		

Fig. 68. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Chortkivskyi; *Municipality*: Melnytsia-Podilska; *Reserve*: NNP Dnister Canyon; *Georegion*: FZB: West Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/40	
Digital record number:	SMNH010687	
Data Centre “Biodiversity of Ukraine”:	ID 70704	
		

Fig. 69. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Chortkivskyi; *Municipality*: Melnytsia-Podilska; *Reserve*: NNP Dnister Canyon; *Georegion*: FZB: West Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/41	
Digital record number:	SMNH010688	
Data Centre “Biodiversity of Ukraine”:	ID 70705	
		

Fig. 70. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Chortkivskyi; *Municipality*: Melnytsia-Podilska; *Reserve*: NNP Dnister Canyon; *Georegion*: FZB: West Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/42	
Digital record number:	SMNH010689	
Data Centre “Biodiversity of Ukraine”:	ID 70706	



Fig. 71. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Chortkivskyi; *Municipality*: Melnytsia-Podilska; *Reserve*: NNP Dnister Canyon; *Georegion*: FZB: West Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/43	
Digital record number:	SMNH010690	
Data Centre “Biodiversity of Ukraine”:	ID 70707	

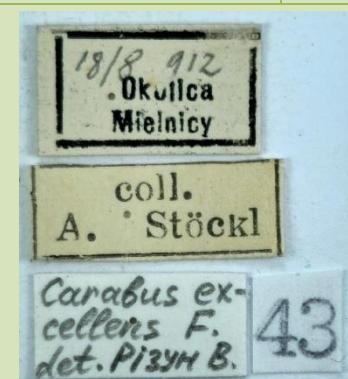


Fig. 72. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1912-08-18; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Chortkivskyi; *Municipality*: Melnytsia-Podilska; *Reserve*: NNP Dnister Canyon; *Georegion*: FZB: West Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

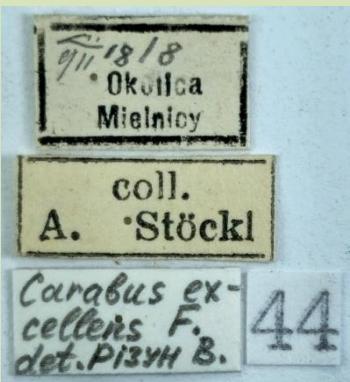
<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/44	
Digital record number:	SMNH010691	
Data Centre “Biodiversity of Ukraine”:	ID 70708	
		

Fig. 73. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1911-08-18; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Chortkivskyi; *Municipality*: Melnytsia-Podilska; *Reserve*: NNP Dnister Canyon; *Georegion*: FZB: West Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

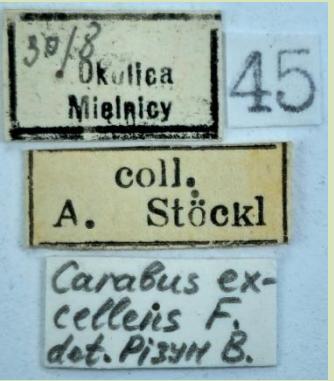
<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/45	
Digital record number:	SMNH010692	
Data Centre “Biodiversity of Ukraine”:	ID 70709	
		

Fig. 74. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-08-30; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Chortkivskyi; *Municipality*: Melnytsia-Podilska; *Reserve*: NNP Dnister Canyon; *Georegion*: FZB: West Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

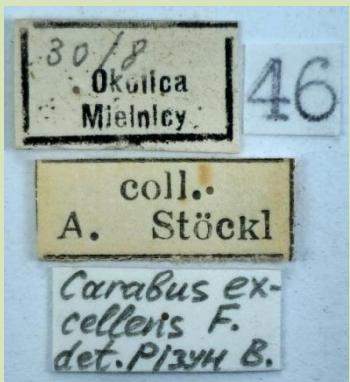
<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/46	
Digital record number:	SMNH010693	
Data Centre “Biodiversity of Ukraine”:	ID 70710	
		

Fig. 75. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-08-30; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Chortkivskyi; *Municipality*: Melnytsia-Podilska; *Reserve*: NNP Dnister Canyon; *Georegion*: FZB: West Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

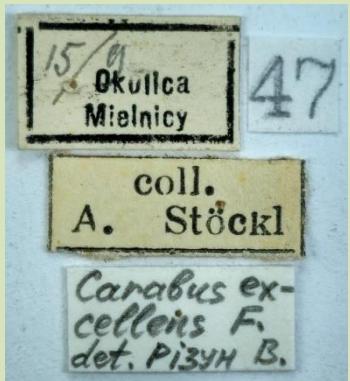
<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/47	
Digital record number:	SMNH010694	
Data Centre “Biodiversity of Ukraine”:	ID 70711	
		

Fig. 76. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-09-15; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Chortkivskyi; *Municipality*: Melnytsia-Podilska; *Reserve*: NNP Dnister Canyon; *Georegion*: FZB: West Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/48	
Digital record number:	SMNH010695	
Data Centre “Biodiversity of Ukraine”:	ID 70713	
		

Fig. 77. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1911-09-00; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Chortkivskyi; *Municipality*: Melnytsia-Podilska; *Reserve*: NNP Dnister Canyon; *Georegion*: FZB: West Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/49	
Digital record number:	SMNH010696	
Data Centre “Biodiversity of Ukraine”:	ID 70714	
		

Fig. 78. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Chortkivskyi; *Municipality*: Melnytsia-Podilska; *Reserve*: NNP Dnister Canyon; *Georegion*: FZB: West Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	<b>E2.19.01.04.24/50</b>	
Digital record number:	<b>SMNH010697</b>	
Data Centre “Biodiversity of Ukraine”:	<b>ID 70715</b>	




Fig. 79. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Chortkivskyi; *Municipality*: Melnytsia-Podilska; *Reserve*: NNP Dnister Canyon; *Georegion*: FZB: West Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	<b>E2.19.01.04.24/51</b>	
Digital record number:	<b>SMNH010698</b>	
Data Centre “Biodiversity of Ukraine”:	<b>ID 70741</b>	

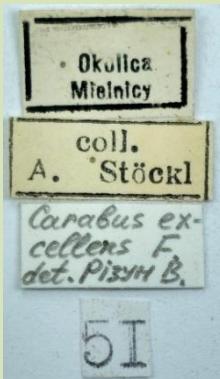



Fig. 80. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Chortkivskyi; *Municipality*: Melnytsia-Podilska; *Reserve*: NNP Dnister Canyon; *Georegion*: FZB: West Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<b><i>Carabus excellens</i> Fabricius, 1798</b>		
Inventory number:	<b>E2.19.01.04.24/52</b>	
Digital record number:	<b>SMNH010699</b>	
Data Centre “Biodiversity of Ukraine”:	<b>ID 70742</b>	

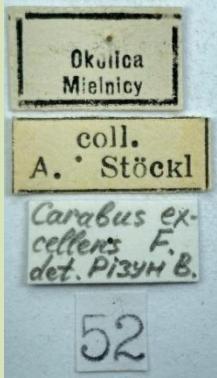



Fig. 81. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Chortkivskyi; *Municipality*: Melnytsia-Podilska; *Reserve*: NNP Dnister Canyon; *Georegion*: FZB: West Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<b><i>Carabus excellens</i> Fabricius, 1798</b>		
Inventory number:	<b>E2.19.01.04.24/53</b>	
Digital record number:	<b>SMNH010700</b>	
Data Centre “Biodiversity of Ukraine”:	<b>ID 70743</b>	

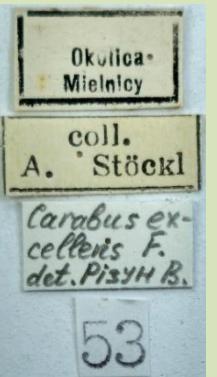



Fig. 82. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Chortkivskyi; *Municipality*: Melnytsia-Podilska; *Reserve*: NNP Dnister Canyon; *Georegion*: FZB: West Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/54	
Digital record number:	SMNH010701	
Data Centre “Biodiversity of Ukraine”:	ID 70744	

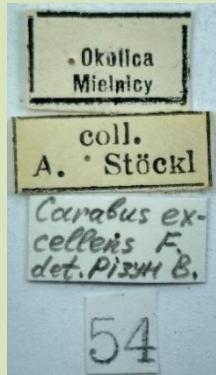


Fig. 83. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Chortkivskyi; *Municipality*: Melnytsia-Podilska; *Reserve*: NNP Dnister Canyon; *Georegion*: FZB: West Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/55	
Digital record number:	SMNH010702	
Data Centre “Biodiversity of Ukraine”:	ID 70745	

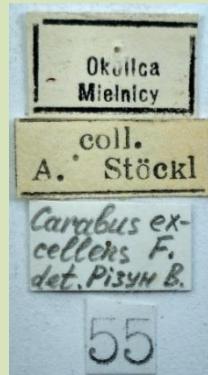


Fig. 84. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Chortkivskyi; *Municipality*: Melnytsia-Podilska; *Reserve*: NNP Dnister Canyon; *Georegion*: FZB: West Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/56	
Digital record number:	SMNH010703	
Data Centre “Biodiversity of Ukraine”:	ID 70803	
		

Fig. 85. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-07-00; *Country*: Ukraine; *State Province*: Lvivska; *District*: Lvivskyi; *Municipality*: Chornushovychi; *Reserve*: - ; *Georegion*: FZB: Male Polissia; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

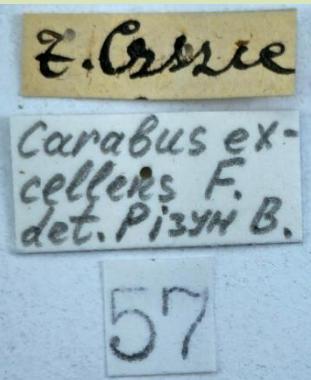
<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/57	
Digital record number:	SMNH010704	
Data Centre “Biodiversity of Ukraine”:	ID 70804	
		

Fig. 86. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-07-00; *Country*: Ukraine; *State Province*: Lvivska; *District*: Lvivskyi; *Municipality*: Chornushovychi; *Reserve*: - ; *Georegion*: FZB: Male Polissia; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

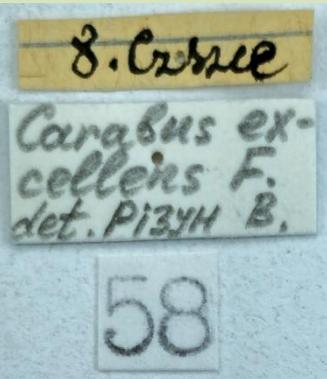
<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/58	
Digital record number:	SMNH010705	
Data Centre “Biodiversity of Ukraine”:	ID 70805	
		

Fig. 87. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-08-00; *Country*: Ukraine; *State Province*: Lvivska; *District*: Lvivskyi; *Municipality*: Chornushovychi; *Reserve*: - ; *Georegion*: FZB: Male Polissia; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

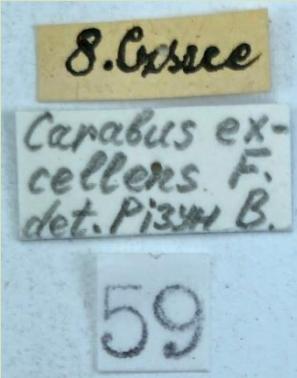
<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/59	
Digital record number:	SMNH010706	
Data Centre “Biodiversity of Ukraine”:	ID 70806	
		

Fig. 88. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-08-00; *Country*: Ukraine; *State Province*: Lvivska; *District*: Lvivskyi; *Municipality*: Chornushovychi; *Reserve*: - ; *Georegion*: FZB: Male Polissia; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

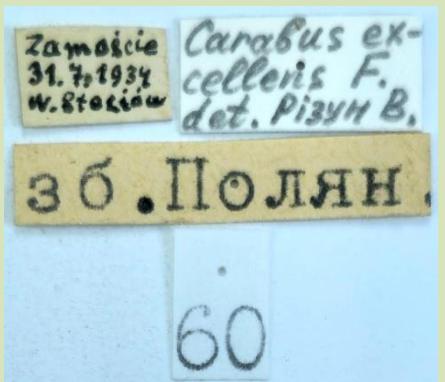
<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/60	
Digital record number:	SMNH010707	
Data Centre “Biodiversity of Ukraine”:	ID 70807	
		

Fig. 89. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1934-07-31; *Country*: Poland; *State Province*: Lubelskie województwo; *District*: - ; *Municipality*: Zamość; *Reserve*: - ; *Georegion*: - ; *Locality*: - ; *Habitat*: - ; *Leg*: Steciów W.; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/61	
Digital record number:	SMNH010708	
Data Centre “Biodiversity of Ukraine”:	ID 70881	
		

Fig. 90. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-06-10; *Country*: Ukraine; *State Province*: Lvivska; *District*: Lvivskyi; *Municipality*: Hriada; *Reserve*: - ; *Georegion*: FZB: ROp: Roztochchia; *Locality*: - ; *Habitat*: - ; *Leg*: Zanko V.; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	<b>E2.19.01.04.24/62</b>	
Digital record number:	<b>SMNH010709</b>	
Data Centre “Biodiversity of Ukraine”:	<b>ID 70882</b>	





Ivankiv  
26.6.907  
35. Закарп.  
*Carabus ex-*  
*cellens* F.  
det. Rizun B.

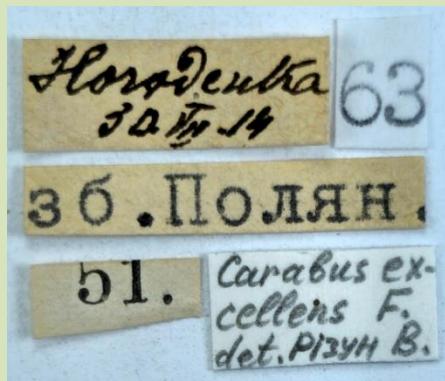
62

Fig. 91. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1907-06-26; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Chortkivskyi; *Municipality*: Ivankiv; *Reserve*: - ; *Georegion*: FZB: West Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: Hankevych; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	<b>E2.19.01.04.24/63</b>	
Digital record number:	<b>SMNH010710</b>	
Data Centre “Biodiversity of Ukraine”:	<b>ID 70883</b>	





Horodenka  
30.7.14  
63  
36. Полян.  
51. *Carabus ex-*  
*cellens* F.  
det. Rizun B.

Fig. 92. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1914-07-30; *Country*: Ukraine; *State Province*: Ivano-Frankivska; *District*: Kolomyiskyi; *Municipality*: Horodenka; *Reserve*: - ; *Georegion*: FZB: Prut-Dnister Upland; *Locality*: - ; *Habitat*: - ; *Leg*: Polianskyi S.; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

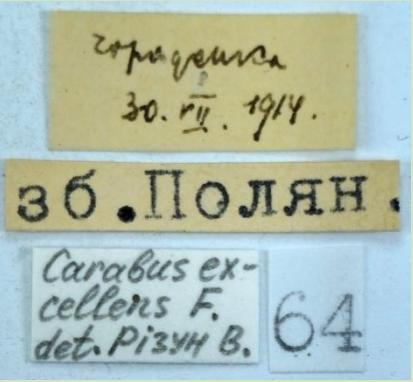
<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/64	
Digital record number:	SMNH010711	
Data Centre “Biodiversity of Ukraine”:	ID 70884	
		

Fig. 93. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1914-07-30; *Country*: Ukraine; *State Province*: Ivano-Frankivska; *District*: Kolomyiskyi; *Municipality*: Horodenka; *Reserve*: - ; *Georegion*: FZB: Prut-Dnister Upland; *Locality*: - ; *Habitat*: - ; *Leg*: Polianskyi S.; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

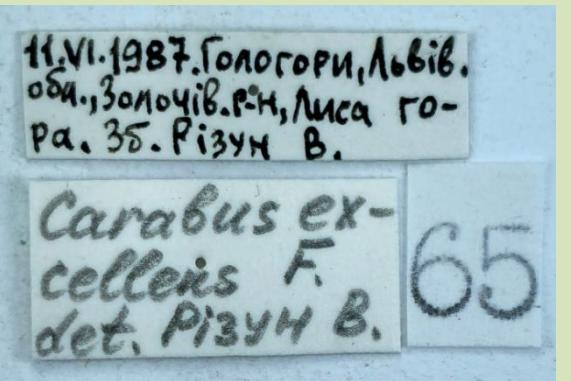
<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/65	
Digital record number:	SMNH010712	
Data Centre “Biodiversity of Ukraine”:	ID 70885	
		

Fig. 94. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1987-06-11; *Country*: Ukraine; *State Province*: Lvivska; *District*: Zolochivskyi; *Municipality*: Velyka Vilshanytsia 2 km SEE; *Reserve*: NNP Pivnichne Podillya; *Georegion*: FZB: ROp: Opillia; *Locality*: Lysa Mt.; *Habitat*: - ; *Leg*: Rizun V.B.; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

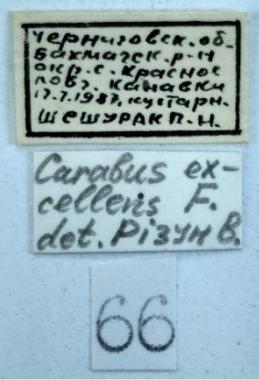
<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/66	
Digital record number:	SMNH010713	
Data Centre “Biodiversity of Ukraine”:	ID 70886	
		

Fig. 95. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1987-07-17; *Country*: Ukraine; *State Province*: Chernihivska; *District*: Nizhynskyi; *Municipality*: Krasne; *Reserve*: - ; *Georegion*: FSZ: LDpL: N-Dnipro Terrace's Lowland; *Locality*: - ; *Habitat*: shrub; *Leg*: Sheshurak P.M.; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

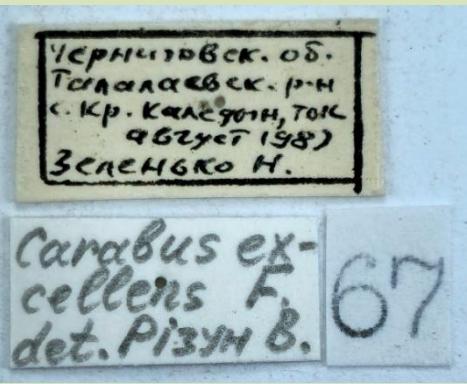
<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/67	
Digital record number:	SMNH010714	
Data Centre “Biodiversity of Ukraine”:	ID 70887	
		

Fig. 96. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1987-08-00; *Country*: Ukraine; *State Province*: Chernihivska; *District*: Prylutskyi; *Municipality*: Krasnyi Koliadyn; *Reserve*: - ; *Georegion*: FSZ: LDpL: N-Poltavian Upland; *Locality*: - ; *Habitat*: - ; *Leg*: Zelenko N.; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

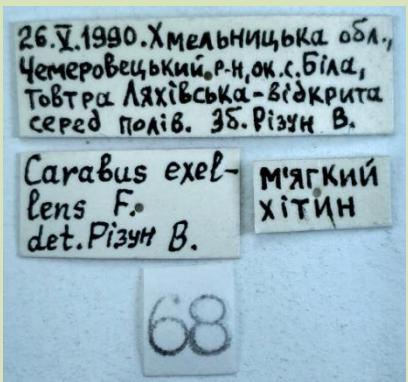
<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/68	
Digital record number:	SMNH010715	
Data Centre “Biodiversity of Ukraine”:	ID 70888	
		

Fig. 97. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1990-05-26; *Country*: Ukraine; *State Province*: Khmelnytska; *District*: Kamianets-Podilskyi; *Municipality*: Bila; *Reserve*: NNP Podilski Tovtry; *Georegion*: FZB: West Podillia Upland; *Locality*: Liakhivska Tovtra hill; *Habitat*: - ; *Leg*: Rizun V.B.; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

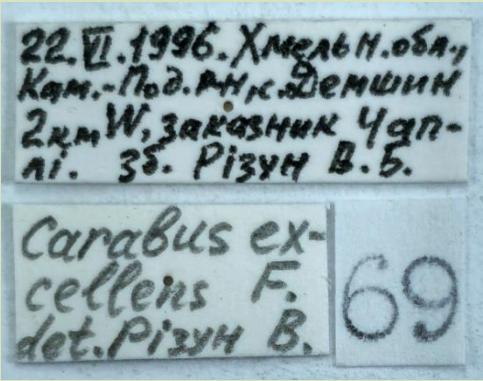
<i>Carabus excellens</i> Fabricius, 1798		
Inventory number:	E2.19.01.04.24/69	
Digital record number:	SMNH010716	
Data Centre “Biodiversity of Ukraine”:	ID 70889	
		

Fig. 98. Specimen of *Carabus excellens* Fabricius, 1798 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1996-06-22; *Country*: Ukraine; *State Province*: Khmelnytska; *District*: Kamianets-Podilskyi; *Municipality*: Demshyn 2 km W; *Reserve*: NNP Podilski Tovtry; *Georegion*: FZB: West Podillia Upland; *Locality*: Chapli reserve; *Habitat*: - ; *Leg*: Rizun V.B.; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-756.

<p><i>Carabus excellens</i> Fabricius, 1798</p>		
Inventory number:	E2.19.01.04.24/70	
Digital record number:	SMNH010717	
Data Centre “Biodiversity of Ukraine”:	ID 70890	
	<p>24.VI.1996. Хмельн. обл., Кам.-Под. Р-т, ок. с. Ку- тайгород. 35. Різун В. <i>Carabus ex-</i> <i>cellens</i> F. det. Різун В. 70</p>	
<p>Fig. 99. Specimen of <i>Carabus excellens</i> Fabricius, 1798 in the SMNH collection.</p> <p><i>Collection Type</i>: MuseumCollection/Specimen; <i>Count</i>: 1; <i>Event Date</i>: 1996-06-24; <i>Country</i>: Ukraine; <i>State Province</i>: Khmelnytska; <i>District</i>: Kamianets-Podilskyi; <i>Municipality</i>: Kytaihorod; <i>Reserve</i>: NNP Podilski Tovtry; <i>Georegion</i>: FZB: West Podillia Upland; <i>Locality</i>: - ; <i>Habitat</i>: - ; <i>Leg</i>: Rizun V.B.; <i>Det</i>: Rizun V.B.; <i>Institution Code</i>: SMNH; <i>Citation</i>: - ; <i>Remarks</i>: cabinet-1168, insect-box-756.</p>		
<p><i>Carabus excellens</i> Fabricius, 1798</p>		
Inventory number:	E2.19.01.04.24/71	
Digital record number:	SMNH010718	
Data Centre “Biodiversity of Ukraine”:	ID 70891	
	<p>6.VI.1997. Чернівець. обл., Сокирянський Р-т, с. По- мачинці, ліс дубовий + граб. 35. Янишевський Т. <i>Carabus ex-</i> <i>cellens</i> F. det. Різун В. 71</p>	
<p>Fig. 100. Specimen of <i>Carabus excellens</i> Fabricius, 1798 in the SMNH collection.</p> <p><i>Collection Type</i>: MuseumCollection/Specimen; <i>Count</i>: 1; <i>Event Date</i>: 1997-06-06; <i>Country</i>: Ukraine; <i>State Province</i>: Chernivetska; <i>District</i>: Dnistrovskyi; <i>Municipality</i>: Lomachyntsi; <i>Reserve</i>: - ; <i>Georegion</i>: FZB: Prut-Dnister Upland; <i>Locality</i>: - ; <i>Habitat</i>: hornbeam-oak forest; <i>Leg</i>: Yanytskyi T.P.; <i>Det</i>: Rizun V.B.; <i>Institution Code</i>: SMNH; <i>Citation</i>: - ; <i>Remarks</i>: cabinet-1168, insect-box-756.</p>		

Эйдельберг М.М., Мальцев И.В., Перваков В.П. Видовой состав жужелиц (Coleoptera, Carabidae) Крыма. *Экология и таксономия насекомых Украины*. Сб. научн. Трудов. Киев: Наукова думка, 1988. С.61-68.

Панін Р.Ю. Нові знахідки жуків-турунів (Coleoptera: Carabidae) у західному регіоні України. *Наукові записки Державного природознавчого музею*. Львів, 2009. 25. С.299-300.

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

Рідкісні та зникаючі види тварин Львівської області / ред.. А.-Т. Башта, Ю.В. Канарський, М.П. Козловський / Колектив авторів: Башта А.-Т.В., Канарський Ю.В., Андріанов О.В., Бокотей А.А., Геряк Ю.М., Горбань І.М., Гринчишин Т.Ю., Гураль Р.І., Гураль-Сверлова Н.В., Дзюбенко Н.В., Дикий І.М., Івашків І.М., Коновалова І.Б., Кусьнєж О.В., Леснік В.В., Мартинов В.В., Мартинов О.В., Панін Р.Ю., Решетило О.С., Різун В.Б., Струс Ю.М., Черемних Н.М. Львів: Ліга-Прес, 2013. 224 с.

Ризун В.Б. Жужелицы (Coleoptera, Carabidae) родов *Calosoma* Web., *Carabus* (L.), *Cychrus* F. *Каталог музейных фондов*. Сборник научных трудов. Львов, 1990. С.137-166.

Сметанин А.Н. Хищные жуки-жужелицы и стафилиниды заповедника Тростянец. К.: Наукова думка, 1981. 72 с.

Якобсон Г.Г. Жуки России, Западной Европы и сопредельных стран. Спб., 1905. 1024 с.

Якубовский И. Предварительный список жуковъ окрестностей Каменца-Подольска. Записки Общества Под. Ест. и Люб. Природы. Спб., 1914. 3. С.105-112.

Hochhuth J.H. Enumeration der in den russischen Gouvernements Kiew und Volhynien bisher aufgefundenen Käfer. *Bull. Soc. Nat. Moscou*. 1871. 44, №1. P.176-253.

Kuntze R. Charakterystyka entomofaunistyczna ścianki wołczynieckiej pod Stanisławowem. *Polskie Pismo Entomologiczne*. 1939(1937-38). 16-17. S.1-15.

Łomnicki M. Spisy chrząszczów. Małkowice obok Grodka (okręb Lwowski), także okolicy Tarnopola. *Sprawozdanie Komisyi Fizyjograficznej*. Kraków, 1868b. 2. S.153.

Łomnicki M. Zapiski z wycieczki podolskiej odbytej w roku 1869 pomiędzy Seretem, Zbruczem a Dniestrem. *Sprawozdanie Komisyi Fizyjograficznej*. Kraków, 1870. 4. S.41-85.

Łomnicki M. Chrząszcze zebrane w okolicy Stanisławowa. *Sprawozdanie Komisyi Fizyjograficznej*. Kraków, 1875. 9. S.154-182.

Łomnicki M. Sprawozdanie z wycieczki zoologicznej odbytej na Podolu w r. 1876 pomiędzy Seretem, Zbruczem a Dniestrem. *Sprawozdanie Komisyi Fizyjograficznej*. Kraków, 1877. 11. S.128-151.

Łomnicki M. Fauna Lwowa i okolicy. 1. Chrząszcze (Coleoptera). (Tęgoskrzydłe). Cz. 1. *Sprawozdanie Komisyi Fizyjograficznej*. Kraków, 1890. 25. S.141-217.

Łomnicki M. Wykaz chrząszczów czyli Tęgopokrywych (Coleoptera) ziem polskich (Catalogus coleopterorum Poloniae). *Kosmos*. Lwów, 1913. 38. S.21-155.

Nowicki M. Przycynek do owadniczej fauny Galicyi. Kraków, 1864. S.3-12.

Nowicki M. Verzeichniss galizischer Käfer. Beitrage zur Insektenfauna Galiziens. Kraków, 1873. S.7-52.

Rizun V. Catalogue of *Odacantha melanura* (Linnaeus, 1767) (Coleoptera, Carabidae) specimens deposited in the State Museum of Natural History NASU, Lviv, Ukraine. *Catalogue of the digitized collections, deposited in the State Museum of Natural History, National Academy of Sciences of Ukraine*. Iss. 1. Herbarium, entomological & mammalogical collections. Lviv, 2023. P.111-123.

Rizun V., Diedus V. Catalogue of *Rhysodes sulcatus* (Fabricius, 1787) (Coleoptera, Carabidae) specimens deposited in the State Museum of Natural History NASU, Lviv, Ukraine. *Catalogue of the digitized collections, deposited in the State Museum of Natural History, National Academy of Sciences of Ukraine*. Iss. 1. Herbarium, entomological & mammalogical collections. Lviv, 2023. P.101-110.

Rybiński M. Wykaz chrząszczów zebranych na Podolu galicyjskim przy szlaku kolejowym Złoczów-Podwołoczyska w latach 1884-1890. *Sprawozdanie Komisyi Fizyjograficznej*. Kraków, 1903. 37. S.57-175.

**CATALOGUE OF NEBRIA PICICORNIS (FABRICIUS, 1792) (COLEOPTERA,  
CARABIDAE) SPECIMENS DEPOSITED IN THE STATE MUSEUM OF  
NATURAL HISTORY NASU, LVIV, UKRAINE**

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The species *Nebria picicornis* (Fabricius, 1792) belongs to the genus, distributed in the Palaearctic, Middle East and North Africa, and represented by more than 500 described species (Catalogue of Life, 2023). In Ukraine, the genus is represented by 9 species. *Nebria picicornis* (Fabricius, 1792) has been recorded from the following localities in Ukraine: outskirts of Sambir town, Spas village (Nowicki, 1858), the Eastern Beskydy up to Chornohora range (Nowicki, 1864), Ivano-Frankivsk city at the Bystrytsia river, in the river silt deposits (Łomnicki, 1886), beech forest zone of the Carpathians (Nowicki, 1873), Galicia, Bukovyna, Podilska gubernias (Якобсон, 1905), Zelemianka river, Bolekhiv town (Лазорко, 1963), NR «Gorgany» (Різун, 2002), foothill and lowland areas of the Carpathians: Ciscarpathian Upland, Beskydy massif, Gorgany massif, Pokutsko-Bukovynski Carpathians, Krasna range, as well as the Klavdievo village near Kyiv city, 10.V.1976 p., 2 spec., V.G. Dolin (IZU) (Різун, 2003), the Carpathians (including the Ciscarpathian Upland with foothills above 300 m a.s.l.), Right-Bank Polissia (mixed forest zone), Broadleaf Forest Zone (including the Ciscarpathian Upland, but with foothills of the Carpathians up to 300 m a.s.l. and Male Polissia) (Пучков, 2012).

*Nebria picicornis* (Fabricius, 1792) is distributed in the mountains and foothills of Central Europe and the northern part of southern Europe (Burakowski et al., 1973). In Ukraine it is found in the belts of oak and beech forests and lives along the banks of rivers and streams (Різун, 2003).

There are 34 specimens of *Nebria picicornis* (Fabricius, 1792) in the collection of the State Museum of Natural History NASU, Lviv. The beetles were collected by Łomnicki M., Polianskyi S., Stöckl A., Susulovskyi A.S., Rizun V.B. Most of them were collected in the second half of the 19th century and the first half of the 20th century, a number of individuals – in recent decades.

Three specimens (Inventory numbers: E2.19.01.08.02//17, Digital record number: SMNH010749, Data Centre “Biodiversity of Ukraine”: ID 58124; Inventory numbers: E2.19.01.08.02//18, Digital record number: SMNH010750, Data Centre “Biodiversity of Ukraine”: ID 58125; Inventory numbers: E2.19.01.08.02//19, Digital record number: SMNH010751, Data Centre “Biodiversity of Ukraine”: ID 58126) most probably were mentioned in the work by M. Łomnicki (Łomnicki M. Muzeum imienia Dzieduszyckich we Lwowe. Dział I. Zoologiczny oddział zwierząt bezkręgowych. IV. Chrząszcze, czyli Tęgoskrzydłe (Coleoptera). – Lwów, 1886. – 308 s.).

In general, the collection contains specimens, collected from Ukraine: Lvivska, Ivano-Frankivska, Chernivetska, Zakarpatska provinces, and from Poland. Some part of the

presented material was collected in nature conservation areas of Ukraine: the Nature Reserve «Gorgany», National Nature Parks «Boikivshchyna», «Carpathian» and «Hutsulshchyna».

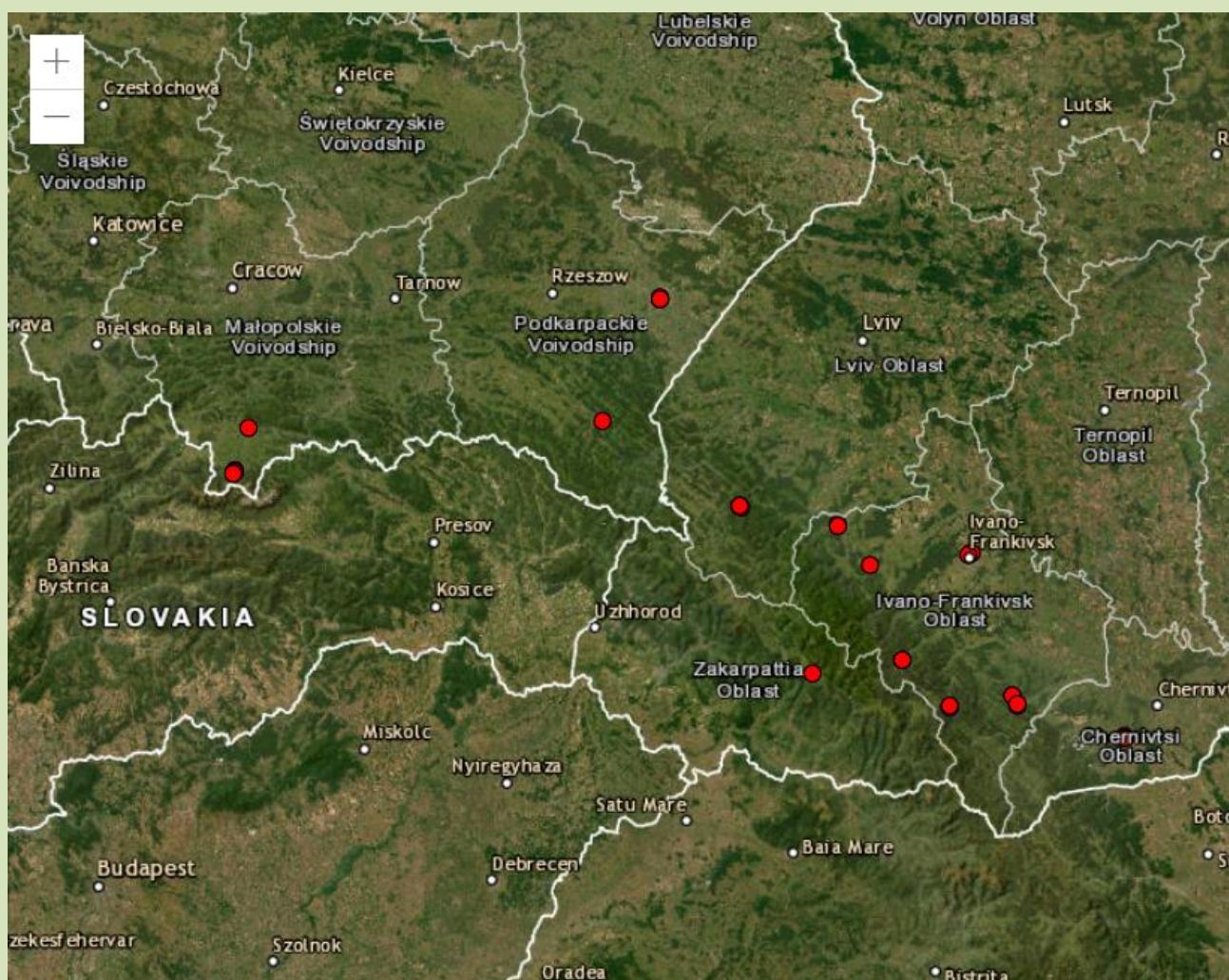


Fig. 1. Findings of *Nebria picicornis* (Fabricius, 1792) in the collection of SMNH (according DCBU <<http://dc.smnh.org/>>).

The 2023 issue of the catalogue of the digitized collections, deposited in the State Museum of Natural History, National Academy of Sciences of Ukraine contains an article about the species *Rhysodes sulcatus* (Fabricius, 1787) and *Odacantha melanura* (Linnaeus, 1767) (Coleoptera, Carabidae) (Rizun, 2023; Rizun, Diedus, 2023).

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<b><i>Nebria picicornis</i> (Fabricius, 1792)</b>			
Inventory number:	E2.19.01.08.02/01		
Digital record number:	SMNH010733		
Data Centre “Biodiversity of Ukraine”:	ID 57769		

Fig. 2. Specimen of *Nebria picicornis* (Fabricius, 1792) in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Lvivska; *District*: Drohobytskyi; *Municipality*: Holovske; *Reserve*: NNP Boikivshchyna; *Georegion*: UC: OCVV: EBs: Upperdnister Beskydy; *Locality*: - ; *Habitat*: - ; *Leg*: Polianskyi S.; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-757.

<b><i>Nebria picicornis</i> (Fabricius, 1792)</b>		
Inventory number:	E2.19.01.08.02/02	
Digital record number:	SMNH010734	
Data Centre “Biodiversity of Ukraine”:	ID 58109	

Fig. 3. Specimen of *Nebria picicornis* (Fabricius, 1792) in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Lvivska; *District*: Drohobytskyi; *Municipality*: Holovske; *Reserve*: NNP Boikivshchyna; *Georegion*: UC: OCVV: EBs: Upperdnister Beskydy; *Locality*: - ; *Habitat*: - ; *Leg*: Polanskyi S.; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: label: "coll. A. Stöckl"; cabinet-1168, insect-box-757.

<b><i>Nebria picicornis</i> (Fabricius, 1792)</b>		
Inventory number:	E2.19.01.08.02/03	
Digital record number:	SMNH010735	
Data Centre “Biodiversity of Ukraine”:	ID 58110	
		

Fig. 4. Specimen of *Nebria picicornis* (Fabricius, 1792) in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Lvivska; *District*: Drohobytskyi; *Municipality*: Holovske; *Reserve*: NNP Boikivshchyna; *Georegion*: UC: OCVV: EBs: Upperdnister Beskydy; *Locality*: - ; *Habitat*: - ; *Leg*: Polanskyi S.; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-757.

<b><i>Nebria picicornis</i> (Fabricius, 1792)</b>		
Inventory number:	E2.19.01.08.02/04	
Digital record number:	SMNH010736	
Data Centre “Biodiversity of Ukraine”:	ID 58111	
		

Fig. 5. Specimen of *Nebria picicornis* (Fabricius, 1792) in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-06-00; *Country*: Poland; *State Province*: Małopolskie województwo; *District*: - ; *Municipality*: Zakopane; *Reserve*: - ; *Georegion*: - ; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: label: "coll. A. Stöckl"; cabinet-1168, insect-box-757.

<b><i>Nebria picicornis</i> (Fabricius, 1792)</b>		
Inventory number:	E2.19.01.08.02/05	
Digital record number:	SMNH010737	
Data Centre “Biodiversity of Ukraine”:	ID 58112	
		

Fig. 6. Specimen of *Nebria picicornis* (Fabricius, 1792) in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1914-07-22; *Country*: Ukraine; *State Province*: Ivano-Frankivska; *District*: Kaluskyi; *Municipality*: Bolekhiv; *Reserve*: - ; *Georegion*: UC: CsCp - Ciscarpathians Upland; *Locality*: - ; *Habitat*: - ; *Leg*: Polanskyi S.; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-757.

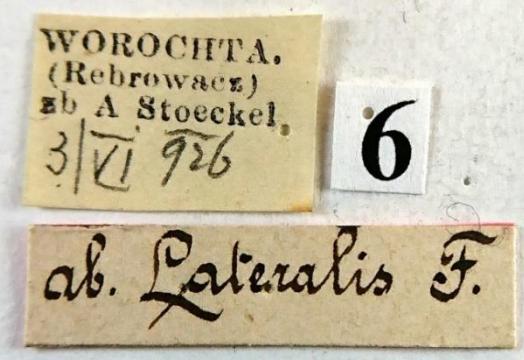
<b><i>Nebria picicornis</i> (Fabricius, 1792)</b>		
Inventory number:	E2.19.01.08.02/06	
Digital record number:	SMNH010738	
Data Centre “Biodiversity of Ukraine”:	ID 58113	
		

Fig. 7. Specimen of *Nebria picicornis* (Fabricius, 1792) in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1926-06-03; *Country*: Ukraine; *State Province*: Ivano-Frankivska; *District*: Nadvirnianskyi; *Municipality*: Vorokhta; *Reserve*: NNP Carpathian; *Georegion*: UC: OCVV: PBC: Pokutski Carpathians; *Locality*: Rebrovach Mt.; *Habitat*: - ; *Leg*: Stöckl A.; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: label: "ab. *lateralis* F."; cabinet-1168, insect-box-757.

<i>Nebria picicornis</i> (Fabricius, 1792)		
Inventory number:	E2.19.01.08.02/07	
Digital record number:	SMNH010739	
Data Centre “Biodiversity of Ukraine”:	ID 58114	




Fig. 8. Specimen of *Nebria picicornis* (Fabricius, 1792) in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1926-08-06; *Country*: Poland; *State Province*: Małopolskie województwo; *District*: - ; *Municipality*: Łukawica; *Reserve*: - ; *Georegion*: - ; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Makólski; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-757.

<i>Nebria picicornis</i> (Fabricius, 1792)		
Inventory number:	E2.19.01.08.02/08	
Digital record number:	SMNH010740	
Data Centre “Biodiversity of Ukraine”:	ID 58115	




Fig. 9. Specimen of *Nebria picicornis* (Fabricius, 1792) in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-06-00; *Country*: Poland; *State Province*: Małopolskie województwo; *District*: Tatrzański; *Municipality*: Zakopane; *Reserve*: - ; *Georegion*: - ; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-757.

<i>Nebria picicornis</i> (Fabricius, 1792)		
Inventory number:	E2.19.01.08.02/09	
Digital record number:	SMNH010741	
Data Centre “Biodiversity of Ukraine”:	ID 58116	
		

Fig. 10. Specimen of *Nebria picicornis* (Fabricius, 1792) in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Ivano-Frankivska; *District*: Nadvirnianskyi; *Municipality*: Vorokhta; *Reserve*: NNP Carpathian; *Georegion*: UC: OCVV: PBC: Pokutski Carpathians; *Locality*: Rebrovach Mt.; *Habitat*: - ; *Leg*: Stöckl A.; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-757.

<i>Nebria picicornis</i> (Fabricius, 1792)		
Inventory number:	E2.19.01.08.02/10	
Digital record number:	SMNH010742	
Data Centre “Biodiversity of Ukraine”:	ID 58117	
		

Fig. 11. Specimen of *Nebria picicornis* (Fabricius, 1792) in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Ivano-Frankivska; *District*: Kaluskyi; *Municipality*: Bolekhiv; *Reserve*: - ; *Georegion*: UC: CsCp - Ciscarpathians Upland; *Locality*: - ; *Habitat*: - ; *Leg*: Stöckl A.; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-757.

<i>Nebria picicornis</i> (Fabricius, 1792)		
Inventory number:	E2.19.01.08.02/11	
Digital record number:	SMNH010743	
Data Centre “Biodiversity of Ukraine”:	ID 58118	
		

Fig. 12. Specimen of *Nebria picicornis* (Fabricius, 1792) in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Poland; *State Province*: Podkarpackie województwo; *District*: Yaroslavskyi; *Municipality*: Yaroslav; *Reserve*: - ; *Georegion*: - ; *Locality*: - ; *Habitat*: - ; *Leg*: Polanski S.; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-757.

<i>Nebria picicornis</i> (Fabricius, 1792)		
Inventory number:	E2.19.01.08.02/12	
Digital record number:	SMNH010744	
Data Centre “Biodiversity of Ukraine”:	ID 58119	
		

Fig. 13. Specimen of *Nebria picicornis* (Fabricius, 1792) in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-06-00; *Country*: Poland; *State Province*: Małopolskie województwo; *District*: Tatrzański; *Municipality*: Zakopane; *Reserve*: - ; *Georegion*: - ; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: label: "coll. A. Stöckl"; cabinet-1168, insect-box-757.

<i>Nebria picicornis</i> (Fabricius, 1792)		
Inventory number:	E2.19.01.08.02/13	
Digital record number:	SMNH010745	
Data Centre “Biodiversity of Ukraine”:	ID 58120	
		

Fig. 14. Specimen of *Nebria picicornis* (Fabricius, 1792) in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Poland; *State Province*: Podkarpackie województwo; *District*: - ; *Municipality*: Yaroslav; *Reserve*: - ; *Georegion*: - ; *Locality*: - ; *Habitat*: - ; *Leg*: Polanski S.; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-757.

<i>Nebria picicornis</i> (Fabricius, 1792)		
Inventory number:	E2.19.01.08.02/14	
Digital record number:	SMNH010746	
Data Centre “Biodiversity of Ukraine”:	ID 58121	
		

Fig. 15. Specimen of *Nebria picicornis* (Fabricius, 1792) in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Poland; *State Province*: Podkarpackie województwo; *District*: - ; *Municipality*: Yaroslav; *Reserve*: - ; *Georegion*: - ; *Locality*: - ; *Habitat*: - ; *Leg*: Polanski S.; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-757.

<i>Nebria picicornis</i> (Fabricius, 1792)		
Inventory number:	E2.19.01.08.02/15	
Digital record number:	SMNH010747	
Data Centre “Biodiversity of Ukraine”:	ID 58122	
		

Fig. 16. Specimen of *Nebria picicornis* (Fabricius, 1792) in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Poland; *State Province*: Podkarpackie województwo; *District*: - ; *Municipality*: Jarosław; *Reserve*: - ; *Georegion*: - ; *Locality*: - ; *Habitat*: - ; *Leg*: Polanski S.; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-757.

<i>Nebria picicornis</i> (Fabricius, 1792)		
Inventory number:	E2.19.01.08.02/16	
Digital record number:	SMNH010748	
Data Centre “Biodiversity of Ukraine”:	ID 58123	
		

Fig. 17. Specimen of *Nebria picicornis* (Fabricius, 1792) in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Poland; *State Province*: Małopolskie województwo; *District*: - ; *Municipality*: - ; *Reserve*: - ; *Georegion*: - ; *Locality*: Tatry; *Habitat*: - ; *Leg*: - ; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-757.

<b><i>Nebria picicornis</i> (Fabricius, 1792)</b>		
Inventory number:	<b>E2.19.01.08.02/17</b>	
Digital record number:	<b>SMNH010749</b>	
Data Centre “Biodiversity of Ukraine”:	<b>ID 58124</b>	
		

Fig. 18. Specimen of *Nebria picicornis* (Fabricius, 1792) in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Ivano-Frankivska; *District*: Ivano-Frankivskyi; *Municipality*: Ivano-Frankivsk; *Reserve*: - ; *Georegion*: UC: CsCp - Ciscarpathians Upland; *Locality*: - ; *Habitat*: - ; *Leg*: Łomnicki M.; *Det*: - ; *Institution Code*: SMNH; *Citation*: Łomnicki M. Muzeum imienia Dzieduszyckich we Lwowe. Dział I. Zoologiczny oddział zwierząt bezkręgowych. IV. Chrząszcze, czyli Tęgoskrzydłe (Coleoptera). – Lwów, 1886. – 308 s.; *Remarks*: cabinet-1168, insect-box-757.

<b><i>Nebria picicornis</i> (Fabricius, 1792)</b>		
Inventory number:	<b>E2.19.01.08.02/18</b>	
Digital record number:	<b>SMNH010750</b>	
Data Centre “Biodiversity of Ukraine”:	<b>ID 58125</b>	
		

Fig. 19. Specimen of *Nebria picicornis* (Fabricius, 1792) in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Ivano-Frankivska; *District*: Ivano-Frankivskyi; *Municipality*: Ivano-Frankivsk; *Reserve*: - ; *Georegion*: UC: CsCp - Ciscarpathians Upland; *Locality*: - ; *Habitat*: - ; *Leg*: Łomnicki M.; *Det*: - ; *Institution Code*: SMNH; *Citation*: Łomnicki M. Muzeum imienia Dzieduszyckich we Lwowe. Dział I. Zoologiczny oddział zwierząt bezkręgowych. IV. Chrząszcze, czyli Tęgoskrzydłe (Coleoptera). – Lwów, 1886. – 308 s.; *Remarks*: cabinet-1168, insect-box-757.

<b><i>Nebria picicornis</i> (Fabricius, 1792)</b>		
Inventory number:	<b>E2.19.01.08.02/19</b>	
Digital record number:	<b>SMNH010751</b>	
Data Centre “Biodiversity of Ukraine”:	<b>ID 58126</b>	

Fig. 20. Specimen of *Nebria picicornis* (Fabricius, 1792) in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: Ivano-Frankivska; *District*: Ivano-Frankivskyi; *Municipality*: Ivano-Frankivsk; *Reserve*: - ; *Georegion*: UC: CsCp - Ciscarpathians Upland; *Locality*: - ; *Habitat*: - ; *Leg*: Łomnicki M.; *Det*: - ; *Institution Code*: SMNH; *Citation*: Łomnicki M. Muzeum imienia Dzieduszyckich we Lwowe. Dział I. Zoologiczny oddział zwierząt bezkręgowych. IV. Chrząszcze, czyli Tęgoskrzydłe (Coleoptera). – Lwów, 1886. – 308 s.; *Remarks*: cabinet-1168, insect-box-757.

<b><i>Nebria picicornis</i> (Fabricius, 1792)</b>		
Inventory number:	<b>E2.19.01.08.02/20</b>	
Digital record number:	<b>SMNH010752</b>	
Data Centre “Biodiversity of Ukraine”:	<b>ID 58127</b>	

Fig. 21. Specimen of *Nebria picicornis* (Fabricius, 1792) in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: - ; *State Province*: - ; *District*: - ; *Municipality*: - ; *Reserve*: - ; *Georegion*: - ; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: label: "coll. A. Stöckl"; cabinet-1168, insect-box-757.

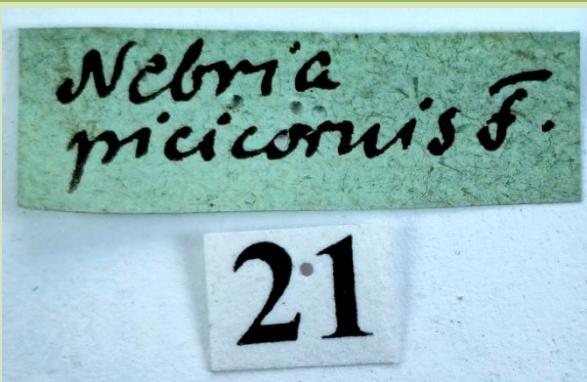
<i>Nebria picicornis</i> (Fabricius, 1792)		
Inventory number:	E2.19.01.08.02/21	
Digital record number:	SMNH010753	
Data Centre “Biodiversity of Ukraine”:	ID 58128	
		

Fig. 22. Specimen of *Nebria picicornis* (Fabricius, 1792) in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: - ; *State Province*: - ; *District*: - ; *Municipality*: - ; *Reserve*: - ; *Georegion*: - ; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-757.

<i>Nebria picicornis</i> (Fabricius, 1792)		
Inventory number:	E2.19.01.08.02/22	
Digital record number:	SMNH010754	
Data Centre “Biodiversity of Ukraine”:	ID 58129	
		

Fig. 23. Specimen of *Nebria picicornis* (Fabricius, 1792) in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Poland; *State Province*: Małopolskie województwo; *District*: - ; *Municipality*: - ; *Reserve*: - ; *Georegion*: - ; *Locality*: Tatry; *Habitat*: - ; *Leg*: - ; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-757.

<i>Nebria picicornis</i> (Fabricius, 1792)		
Inventory number:	E2.19.01.08.02/23	
Digital record number:	SMNH010755	
Data Centre "Biodiversity of Ukraine":	ID 58130	
		

Fig. 24. Specimen of *Nebria picicornis* (Fabricius, 1792) in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Ukraine; *State Province*: - ; *District*: - ; *Municipality*: - ; *Reserve*: - ; *Georegion*: - ; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: labels: "coll. Werchratski", "35"; cabinet-1168, insect-box-757.

<i>Nebria picicornis</i> (Fabricius, 1792)		
Inventory number:	E2.19.01.08.02/24	
Digital record number:	SMNH010756	
Data Centre "Biodiversity of Ukraine":	ID 58131	
		

Fig. 25. Specimen of *Nebria picicornis* (Fabricius, 1792) in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-06-00; *Country*: Poland; *State Province*: Małopolskie województwo; *District*: - ; *Municipality*: Zakopane; *Reserve*: - ; *Georegion*: - ; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: label: "coll. A. Stöckl"; cabinet-1168, insect-box-757.

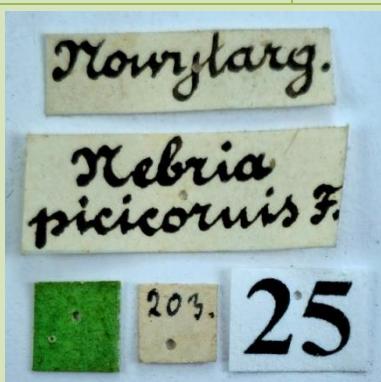
<i>Nebria picicornis</i> (Fabricius, 1792)		
Inventory number:	E2.19.01.08.02/25	
Digital record number:	SMNH010757	
Data Centre “Biodiversity of Ukraine”:	ID 58132	
		

Fig. 26. Specimen of *Nebria picicornis* (Fabricius, 1792) in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Poland; *State Province*: Małopolskie województwo; *District*: - ; *Municipality*: Nowy Targ; *Reserve*: - ; *Georegion*: - ; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: labels: "зелений квадратик", "203"; cabinet-1168, insect-box-757.

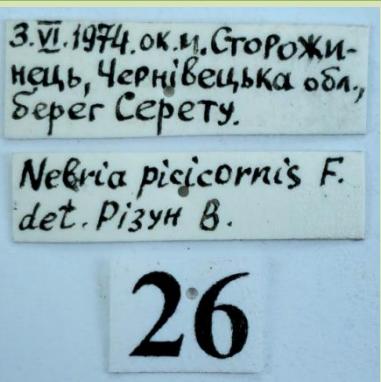
<i>Nebria picicornis</i> (Fabricius, 1792)		
Inventory number:	E2.19.01.08.02/26	
Digital record number:	SMNH010758	
Data Centre “Biodiversity of Ukraine”:	ID 58133	
		

Fig. 27. Specimen of *Nebria picicornis* (Fabricius, 1792) in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1974-06-03; *Country*: Ukraine; *State Province*: Chernivetska; *District*: Storozhyntskyi; *Municipality*: Storozhynets; *Reserve*: - ; *Georegion*: UC: CsCp - Ciscarpathians Upland; *Locality*: Seret river bank; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-757.

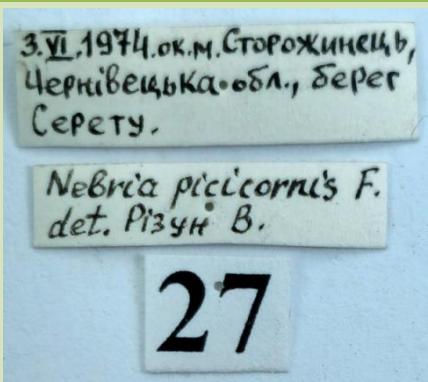
<b><i>Nebria picicornis</i> (Fabricius, 1792)</b>		
Inventory number:	E2.19.01.08.02/27	
Digital record number:	SMNH010759	
Data Centre “Biodiversity of Ukraine”:	ID 58134	
		

Fig. 28. Specimen of *Nebria picicornis* (Fabricius, 1792) in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1974-06-03; *Country*: Ukraine; *State Province*: Chernivetska; *District*: Storozhynetskyi; *Municipality*: Storozhynets; *Reserve*: - ; *Georegion*: UC: CsCp - Ciscarpathians Upland; *Locality*: Seret river bank; *Habitat*: - ; *Leg*: - ; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-757.

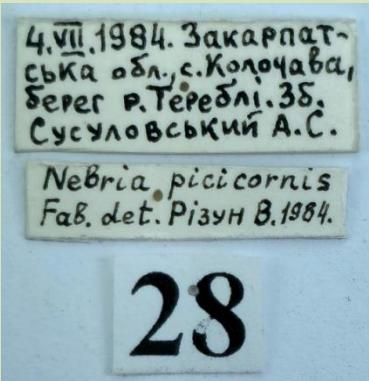
<b><i>Nebria picicornis</i> (Fabricius, 1792)</b>		
Inventory number:	E2.19.01.08.02/28	
Digital record number:	SMNH010760	
Data Centre “Biodiversity of Ukraine”:	ID 58135	
		

Fig. 29. Specimen of *Nebria picicornis* (Fabricius, 1792) in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1984-07-04; *Country*: Ukraine; *State Province*: Zakarpatska; *District*: Mizhhirskyi; *Municipality*: Kolochava; *Reserve*: - ; *Georegion*: UC: OCVV: Gg: Inner Gorgany range; *Locality*: Tereblia river bank; *Habitat*: - ; *Leg*: Susulovskyi A.S.; *Det*: Rizun V.B.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-757.

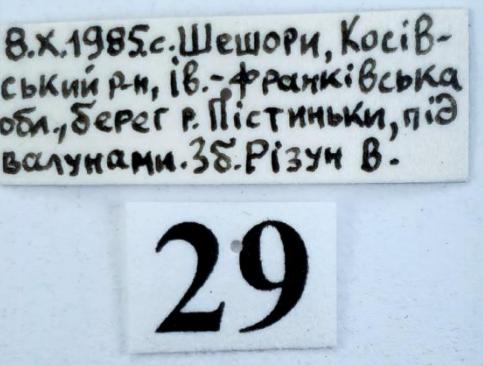
<i>Nebria picicornis</i> (Fabricius, 1792)		
Inventory number:	E2.19.01.08.02/29	
Digital record number:	SMNH010761	
Data Centre “Biodiversity of Ukraine”:	ID 58141	
		

Fig. 30. Specimen of *Nebria picicornis* (Fabricius, 1792) in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1985-10-08; *Country*: Ukraine; *State Province*: Ivano-Frankivska; *District*: Kosivskyi; *Municipality*: Sheshory; *Reserve*: NNP Hutsulshchyna; *Georegion*: UC: OCVV: PBC: Pokutski Carpathians; *Locality*: Pistynka river bank; *Habitat*: under stones; *Leg*: Rizun V.B.; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-757.

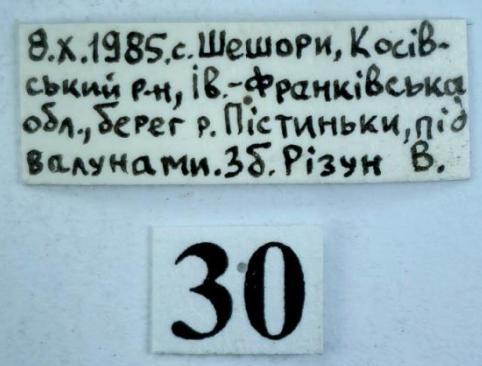
<i>Nebria picicornis</i> (Fabricius, 1792)		
Inventory number:	E2.19.01.08.02/30	
Digital record number:	SMNH010762	
Data Centre “Biodiversity of Ukraine”:	ID 58143	
		

Fig. 31. Specimen of *Nebria picicornis* (Fabricius, 1792) in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1985-10-08; *Country*: Ukraine; *State Province*: Ivano-Frankivska; *District*: Kosivskyi; *Municipality*: Sheshory; *Reserve*: NNP Hutsulshchyna; *Georegion*: UC: CsCp - Ciscarpathians Upland; *Locality*: Pistynka river bank; *Habitat*: under stones; *Leg*: Rizun V.B.; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-757.

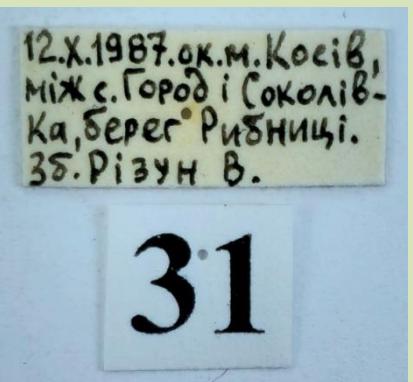
<b><i>Nebria picicornis</i> (Fabricius, 1792)</b>		
Inventory number:	E2.19.01.08.02/31	
Digital record number:	SMNH010763	
Data Centre “Biodiversity of Ukraine”:	ID 58262	
		

Fig. 32. Specimen of *Nebria picicornis* (Fabricius, 1792) in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1987-10-12; *Country*: Ukraine; *State Province*: Ivano-Frankivska; *District*: Kosivskyi; *Municipality*: Horod – Sokolivka; *Reserve*: NNP Hutsulshchyna; *Georegion*: UC: OCVV: PBC: Pokutski Carpathians; *Locality*: Rybnitsia river bank; *Habitat*: - ; *Leg*: Rizun V.B.; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-757.

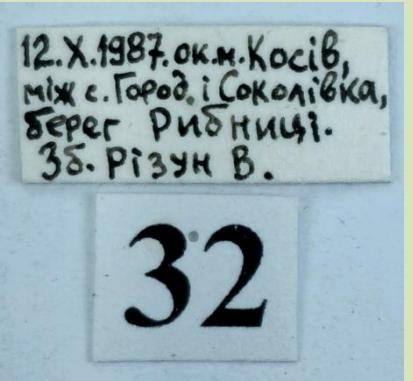
<b><i>Nebria picicornis</i> (Fabricius, 1792)</b>		
Inventory number:	E2.19.01.08.02/32	
Digital record number:	SMNH010764	
Data Centre “Biodiversity of Ukraine”:	ID 58263	
		

Fig. 33. Specimen of *Nebria picicornis* (Fabricius, 1792) in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1987-10-12; *Country*: Ukraine; *State Province*: Ivano-Frankivska; *District*: Kosivskyi; *Municipality*: Horod – Sokolivka; *Reserve*: NNP Hutsulshchyna; *Georegion*: UC: OCVV: PBC: Pokutski Carpathians; *Locality*: Rybnitsia river bank; *Habitat*: - ; *Leg*: Rizun V.B.; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-757.

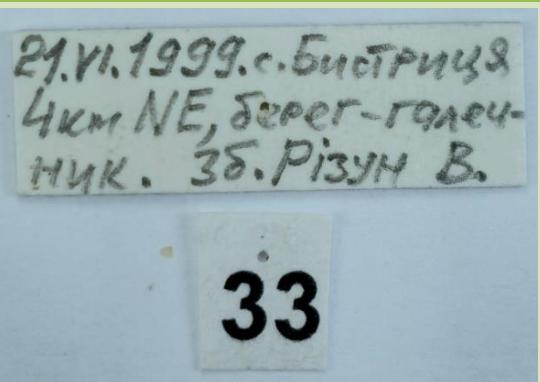
<b><i>Nebria picicornis</i> (Fabricius, 1792)</b>		
Inventory number:	E2.19.01.08.02/33	
Digital record number:	SMNH010765	
Data Centre “Biodiversity of Ukraine”:	ID 68496	
	 21.VI.1999 с. Бистриця 4 км NE, берег - галечник. 38. Різун В.	 33

Fig. 34. Specimen of *Nebria picicornis* (Fabricius, 1792) in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1999-06-21; *Country*: Ukraine; *State Province*: Ivano-Frankivska; *District*: Nadvirnianskyi; *Municipality*: Bystrytsia 4 km NW; *Reserve*: NR Gorgany; *Georegion*: UC: OCVV: Gg: Outer Gorgany range; *Locality*: near of the Gorganske forestry; *Habitat*: river pebble bank; *Leg*: Rizun V.B.; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-757.

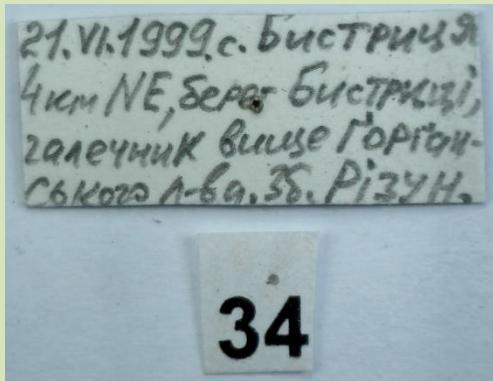
<b><i>Nebria picicornis</i> (Fabricius, 1792)</b>		
Inventory number:	E2.19.01.08.02/34	
Digital record number:	SMNH010766	
Data Centre “Biodiversity of Ukraine”:	ID 68497	
	 21.VI.1999 с. Бистриця 4 км NE, берег Бистриці, галечник вище Горіон- ського л-ва. 38. Різун.	 34

Fig. 35. Specimen of *Nebria picicornis* (Fabricius, 1792) in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1999-06-21; *Country*: Ukraine; *State Province*: Ivano-Frankivska; *District*: Nadvirnianskyi; *Municipality*: Bystrytsia 4 km NW; *Reserve*: NR Gorgany; *Georegion*: UC: OCVV: Gg: Outer Gorgany range; *Locality*: near of the Gorganske forestry; *Habitat*: river pebble bank; *Leg*: Rizun V.B.; *Det*: - ; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-1168, insect-box-757.

Лазорко В. Матеріали до систематики і фавністики жуків України. Ванкувер: Наукове товариство ім. Шевченка, 1963. 200 с.

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

Різун В.Б. Жуки-туруни (Coleoptera, Carabidae) природного заповідника "Горгани". *Наукові записки Державного природознавчого музею*. Львів, 2002. 17. С.63-80.

Різун В.Б. Туруни Українських Карпат. Львів, 2003. 210 с.

Якобсон Г.Г. Жуки России, Западной Европы и сопредельных стран. Спб., 1905. 1024 с.

Burakowski B., Mroczkowski M., Stefańska J. Katalog fauny Polski. Cz. 23. Chrząszcze (Coleoptera). Biegaczowate – Carabidae. Cz. 1. Warszawa: Państwowe wydawnictwo naukowe, 1973. 2. 233 s.

Catalogue of Life. Version: 2024-03-26. URL: <https://www.catalogueoflife.org/> (9.04.2024)

Łomnicki M. Muzeum imienia Dzieduszyckich we Lwowie. Dział I. Zoologiczny oddział zwierząt bezkręgowych. IV. Chrząszcze, czyli Tęgoskrzydłe (Coleoptera). Lwów, 1886. 308 s.

Nowicki M. Coleopterologisches über Ostgalizien. Program d. Öbergymnasiums in Sambor. Lemberg, 1858. S.1-24.

Nowicki M. Przycynek do owadniczej fauny Galicyi. Kraków, 1864. S.3-12.

Nowicki M. Verzeichniss galizischer Käfer. Beiträge zur Insektenfauna Galiziens. Kraków, 1873. S.7-52.

Rizun V. Catalogue of *Odacantha melanura* (Linnaeus, 1767) (Coleoptera, Carabidae) specimens deposited in the State Museum of Natural History NASU, Lviv, Ukraine. *Catalogue of the digitized collections, deposited in the State Museum of Natural History, National Academy of Sciences of Ukraine*. Iss. 1. Herbarium, entomological & mammalogical collections. Lviv, 2023. P.111-123.

Rizun V., Diedus V. Catalogue of *Rhysodes sulcatus* (Fabricius, 1787) (Coleoptera, Carabidae) specimens deposited in the State Museum of Natural History NASU, Lviv, Ukraine. *Catalogue of the digitized collections, deposited in the State Museum of Natural History, National Academy of Sciences of Ukraine*. Iss. 1. Herbarium, entomological & mammalogical collections. Lviv, 2023. P.101-110.

**CATALOGUE OF SCELIPHRON DESTILLATORIUM (ILLIGER, 1807)  
(HYMENOPTERA, SPHECIDAE) SPECIMENS DEPOSITED IN THE STATE  
MUSEUM OF NATURAL HISTORY NASU, LVIV, UKRAINE**

Sofiia PYTEL-HUTA

Ivan Franko National University of Lviv, Lviv, e-mail: [pytelsofia98@gmail.com](mailto:pytelsofia98@gmail.com)

DOI: <https://doi.org/10.36885/cdcsmnh.2024.26>

Representatives of the genus *Sceliphron* Klug, 1801 are found in almost all biogeographical regions of the world (Yuan, 2022). At present, 35 species of this genus have been known (Pulawski, 2020). Of these, six species have been recorded from the territory of Ukraine as follows: three invasive species: *Sceliphron caementarium* (Drury, 1773); *Sceliphron curvatum* (Smith, 1870) (Питель-Гута, Затушевський, 2023) and *Sceliphron deforme* (F. Smith, 1856) (Klet'onkin, 2023); and three native species: *Sceliphron destillatorium* (Illiger, 1807); *Sceliphron madraspatanum* (Fabricius, 1781) and *Sceliphron spirifex* (Linnaeus, 1758) (Tymkiv et al., 2015). The most common is *Sceliphron destillatorium* (Illiger, 1807), which occurs throughout the territory of Ukraine.

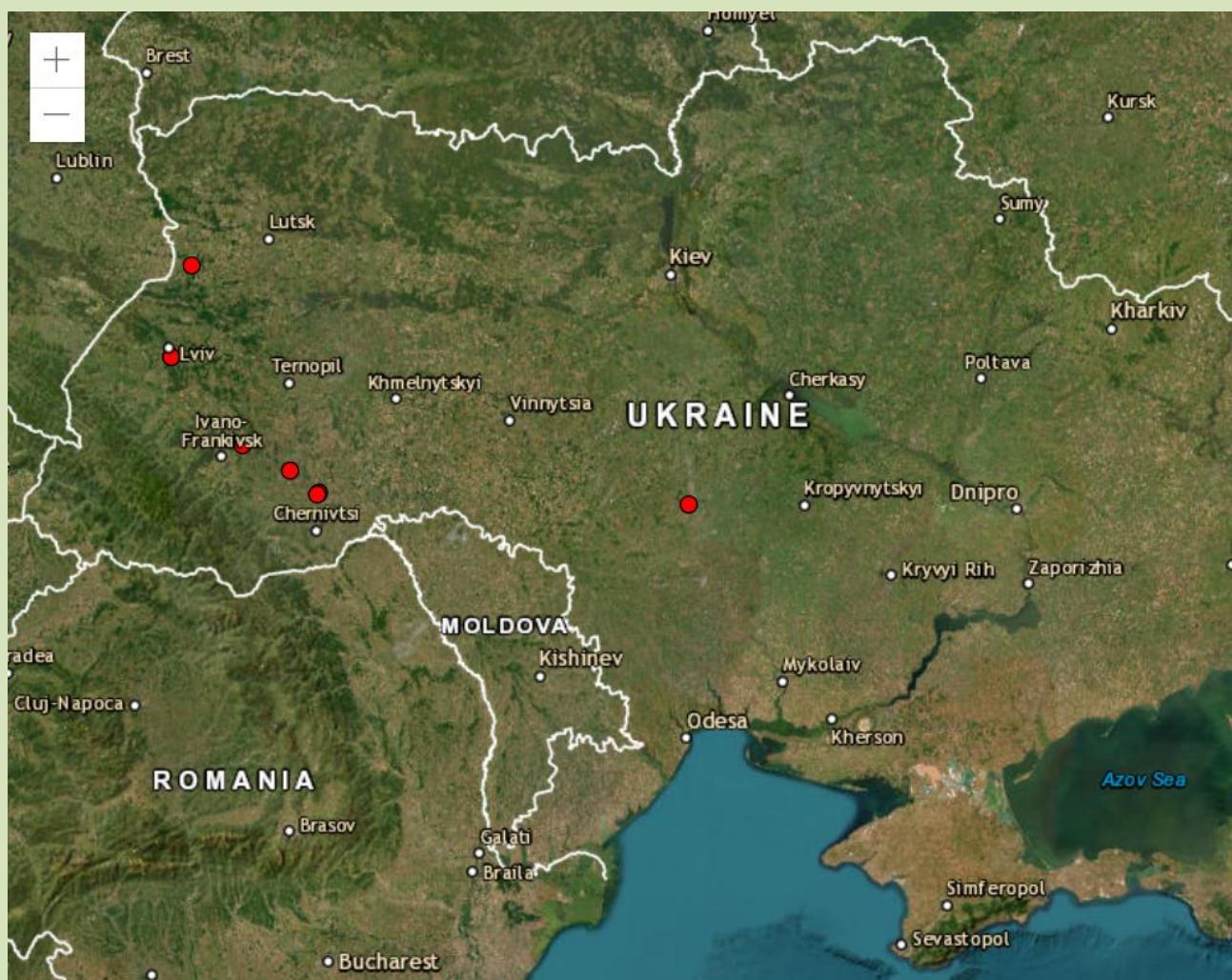


Fig. 1. Findings of *Sceliphron destillatorium* (Illiger, 1807) in the collection of SMNH (according DCBU <<http://dc.smnh.org/>>).

Representatives of the genus *Sceliphron* Klug, 1801 belong to two subgenera: *Sceliphron* and *Hensenia*. Although species of both subgenera take care of their offspring and feed the larvae with spiders, their nests differ in shape and number of mud cells. Wasps of the subgenus *Hensenia* build a certain number of single-celled mud nests in shape of jugs. Instead, wasps of the subgenus *Sceliphron* build cells that joint into large mud nest.

*S. destillatorium* is the South–Palaearctic species. Its range covers the Mediterranean region (southern and south-eastern Europe, northern Africa and south-western and southern Asia) (Wisniewski et al., 2013). *S. destillatorium* is a solitary wasp. It belongs to the family Sphecidae (Insecta: Hymenoptera) of the subgenus *Sceliphron* (Gülmez1 et al., 2017).

*S. destillatorium* female builds a nests of the moist soil material, which she collects and transports herself. The nest consists of tubular cells placed side by side, the number of which varies (Chatenoud et al., 2012). After building the first cell, the female hunts spiders to feed her offspring (Pytel-Huta, 2023; Yuan, 2022).

Female *S. destillatorium* brings the paralysed spider into the cell, lays an egg and continues to hunt. Each cell stores a certain number of spiders. The number depends on the size of the victims and the sex of the future generation. Once the cells have been built, the female *S. destillatorium* covers them with an additional layer of soil (Polidori, 2005).

In the wild, females build their nests in shady, sheltered places (rock ledges, empty tree trunks, etc.). However, at present, they are increasingly nesting in people's houses (usually under roofs, attics, etc.) (Yuan, 2022). Adult wasps feed on angiosperm nectar.

The collection of the State Museum of Natural History, National Academy of Sciences in Lviv contains 14 specimens of this species collected in the western part of Ukraine and one specimen collected in the central part. A few samples (4) of this species were collected in 1922, 1923 and 1926 (Figs 1, 2, 6, 14), collector – J. Noskiewicz. The date and place of collection of the remaining specimens are unknown.

All data have been entered into the web resource Data Centre “Biodiversity of Ukraine” <http://dc.smn.org/>.

<b><i>Sceliphron destillatorium</i> Illiger, 1807</b>		
Inventory number:	E2.20.64.20.01/01	
Digital record number:	SMNH010534	
Data Centre “Biodiversity of Ukraine”:	ID 69806	




Селіфрон
16.7.23.

*Sceliphron* ♀  
*destillatorium*  
 12.02.2024  
 det: Питель-Гута С

1

Fig. 1. Specimen of *Sceliphron destillatorium* Illiger, 1807 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1923-07-16; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Chortkivskyi; *Municipality*: Nyrkiv (Chervonohorod); *Reserve*: NNP Dnister Canyon; *Georegion*: FZB: West Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: Noskiewicz J.; *Det*: Pytel-Huta S.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-942, insect-box-663.

<b><i>Sceliphron destillatorium</i> Illiger, 1807</b>		
Inventory number:	E2.20.64.20.01/02	
Digital record number:	SMNH010535	
Data Centre “Biodiversity of Ukraine”:	ID 69807	




Зічнович
16.VII.22.

*Sceliphron* ♀  
*destillatorium*  
 12.02.2024  
 det: Питель-Гута С

2

Fig. 2. Specimen of *Sceliphron destillatorium* Illiger, 1807 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1922-07-16; *Country*: Ukraine; *State Province*: Lvivska; *District*: Chervonohradskyi; *Municipality*: Ilkovychi; *Reserve*: - ; *Georegion*: FZB: Volynska Upland; *Locality*: - ; *Habitat*: - ; *Leg*: Noskiewicz J.; *Det*: Pytel-Huta S.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-942, insect-box-663.

*Sceliphron destillatorium* Illiger, 1807



Inventory number: E2.20.64.20.01/03  
Digital record number: SMNH010536  
Data Centre “Biodiversity of Ukraine”: ID 69808



Fig. 3. Specimen of *Sceliphron destillatorium* Illiger, 1807 in the SMNH collection.

*Collection Type:* MuseumCollection/Specimen; *Count:* 1; *Event Date:* 0000-07-12; *Country:* Ukraine; *State Province:* Lvivska; *District:* Lvivskyi; *Municipality:* Lviv; *Reserve:* - ; *Georegion:* FZB; *ROp:* Opillia; *Locality:* Zubra; *Habitat:* - ; *Leg:* - ; *Det:* Pytel-Huta S.; *Institution Code:* SMNH; *Citation:* - ; *Remarks:* cabinet-942, insect-box-663.

*Sceliphron destillatorium* Illiger, 1807



Inventory number: E2.20.64.20.01/04  
Digital record number: SMNH010537  
Data Centre “Biodiversity of Ukraine”: ID 69809



Fig. 4. Specimen of *Sceliphron destillatorium* Illiger, 1807 in the SMNH collection.

*Collection Type:* MuseumCollection/Specimen; *Count:* 1; *Event Date:* 0000-00-00; *Country:* Ukraine; *State Province:* Ternopilska; *District:* Chortkivskyi; *Municipality:* Luka; *Reserve:* NNP Dnister Canyon; *Georegion:* FZB; *ROp:* Opillia; *Locality:* - ; *Habitat:* - ; *Leg:* - ; *Det:* Pytel-Huta S.; *Institution Code:* SMNH; *Citation:* - ; *Remarks:* cabinet-942, insect-box-663.

*Sceliphron destillatorium* Illiger, 1807



Inventory number: E2.20.64.20.01/05  
Digital record number: SMNH010538  
Data Centre “Biodiversity of Ukraine”: ID 69810

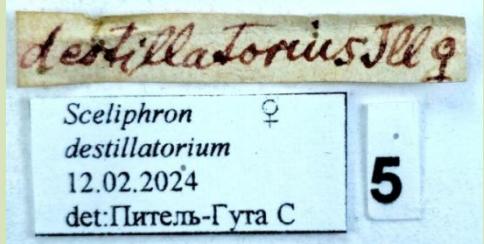


Fig. 5. Specimen of *Sceliphron destillatorium* Illiger, 1807 in the SMNH collection.

*Collection Type:* MuseumCollection/Specimen; *Count:* 1; *Event Date:* 0000-00-00; *Country:* - ; *State Province:* - ; *District:* - ; *Municipality:* - ; *Reserve:* - ; *Georegion:* - ; *Locality:* - ; *Habitat:* - ; *Leg:* - ; *Det:* Pytel-Huta S.; *Institution Code:* SMNH; *Citation:* - ; *Remarks:* cabinet-942, insect-box-663.

*Sceliphron destillatorium* Illiger, 1807



Inventory number: E2.20.64.20.01/06  
Digital record number: SMNH010539  
Data Centre “Biodiversity of Ukraine”: ID 69811

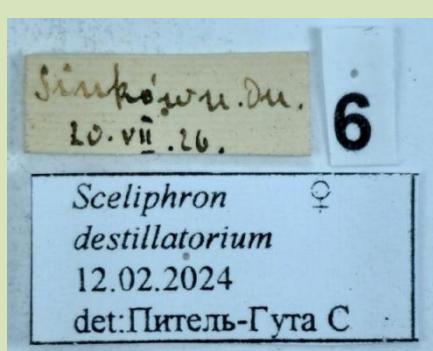


Fig. 6. Specimen of *Sceliphron destillatorium* Illiger, 1807 in the SMNH collection.

*Collection Type:* MuseumCollection/Specimen; *Count:* 1; *Event Date:* 1926-07-20; *Country:* Ukraine; *State Province:* Ternopilska; *District:* Chortkivskyi; *Municipality:* Synkiv; *Reserve:* NNP Dnister Canyon; *Georegion:* FZB: West Podillia Upland; *Locality:* - ; *Habitat:* - ; *Leg:* Noskiewicz J.; *Det:* Pytel-Huta S.; *Institution Code:* SMNH; *Citation:* - ; *Remarks:* cabinet-942, insect-box-663.

*Sceliphron destillatorium* Illiger, 1807

Inventory number:

E2.20.64.20.01/07

Digital record number:

SMNH010540

Data Centre “Biodiversity of Ukraine”:

ID 69812

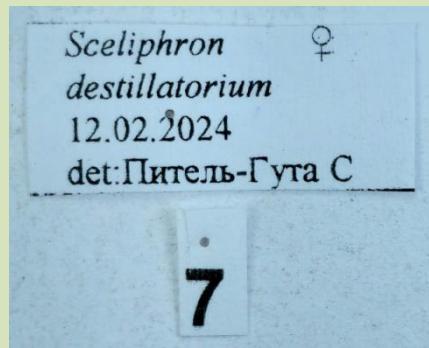


Fig. 7. Specimen of *Sceliphron destillatorium* Illiger, 1807 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: - ; *State Province*: - ; *District*: - ; *Municipality*: - ; *Reserve*: - ; *Georegion*: - ; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Pytel-Huta S.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-942, insect-box-663.

*Sceliphron destillatorium* Illiger, 1807

Inventory number:

E2.20.64.20.01/08

Digital record number:

SMNH010541

Data Centre “Biodiversity of Ukraine”:

ID 69814



Fig. 8. Specimen of *Sceliphron destillatorium* Illiger, 1807 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: - ; *State Province*: - ; *District*: - ; *Municipality*: - ; *Reserve*: - ; *Georegion*: - ; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Pytel-Huta S.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-942, insect-box-663.

*Sceliphron destillatorium* Illiger, 1807



Inventory number:

E2.20.64.20.01/09

Digital record number:

SMNH010542

Data Centre “Biodiversity of Ukraine”:

ID 69815

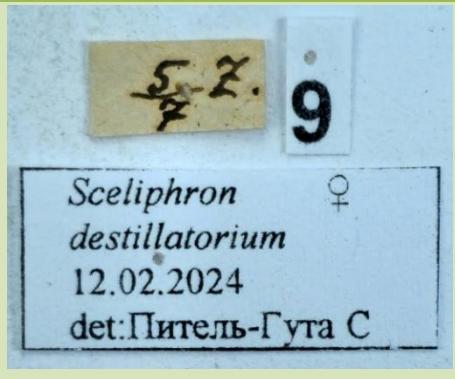


Fig. 9. Specimen of *Sceliphron destillatorium* Illiger, 1807 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-07-05; *Country*: Ukraine; *State Province*: Lvivska; *District*: Lvivskyi; *Municipality*: Lviv; *Reserve*: - ; *Georegion*: FZB; *ROp*: Opillia; *Locality*: Zubra; *Habitat*: - ; *Leg*: - ; *Det*: Pytel-Huta S.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-942, insect-box-663.

*Sceliphron destillatorium* Illiger, 1807



Inventory number:

E2.20.64.20.01/10

Digital record number:

SMNH010543

Data Centre “Biodiversity of Ukraine”:

ID 69816



Fig. 10. Specimen of *Sceliphron destillatorium* Illiger, 1807 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: - ; *State Province*: - ; *District*: - ; *Municipality*: - ; *Reserve*: - ; *Georegion*: - ; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Pytel-Huta S.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-942, insect-box-663.

*Sceliphron destillatorium* Illiger, 1807



Inventory number: E2.20.64.20.01/11  
Digital record number: SMNH010544  
Data Centre “Biodiversity of Ukraine”: ID 69818

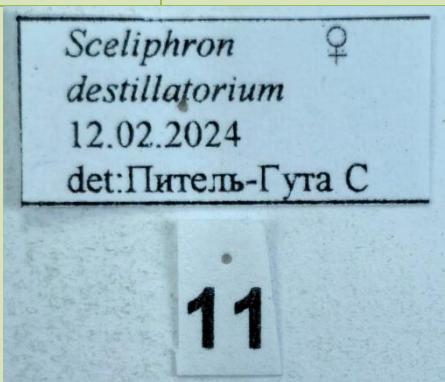


Fig. 11. Specimen of *Sceliphron destillatorium* Illiger, 1807 in the SMNH collection.

*Collection Type:* MuseumCollection/Specimen; *Count:* 1; *Event Date:* 0000-00-00; *Country:* - ; *State Province:* - ; *District:* - ; *Municipality:* - ; *Reserve:* - ; *Georegion:* - ; *Locality:* - ; *Habitat:* - ; *Leg:* - ; *Det:* Pytel-Huta S.; *Institution Code:* SMNH; *Citation:* - ; *Remarks:* cabinet-942, insect-box-663.

*Sceliphron destillatorium* Illiger, 1807



Inventory number: E2.20.64.20.01/12  
Digital record number: SMNH010545  
Data Centre “Biodiversity of Ukraine”: ID 69820

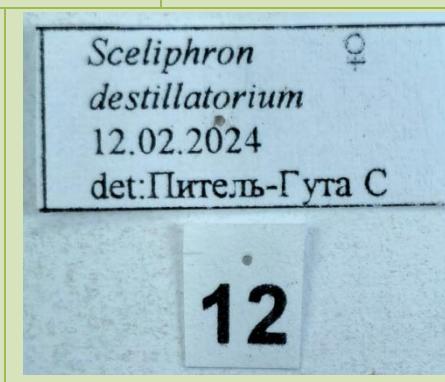


Fig. 12. Specimen of *Sceliphron destillatorium* Illiger, 1807 in the SMNH collection.

*Collection Type:* MuseumCollection/Specimen; *Count:* 1; *Event Date:* 0000-00-00; *Country:* - ; *State Province:* - ; *District:* - ; *Municipality:* - ; *Reserve:* - ; *Georegion:* - ; *Locality:* - ; *Habitat:* - ; *Leg:* - ; *Det:* Pytel-Huta S.; *Institution Code:* SMNH; *Citation:* - ; *Remarks:* cabinet-942, insect-box-663.

*Sceliphron destillatorium* Illiger, 1807



Inventory number:

E2.20.64.20.01/13

Digital record number:

SMNH010546

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ID 69821

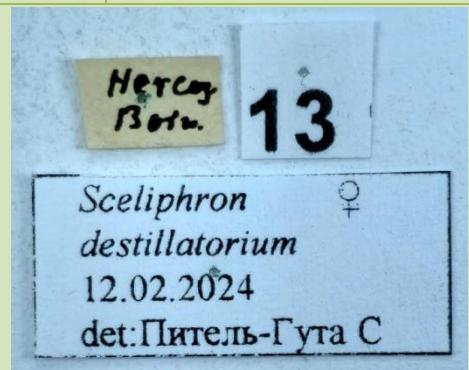


Fig. 13. Specimen of *Sceliphron destillatorium* Illiger, 1807 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 0000-00-00; *Country*: Bosnia and Herzegovina; *State Province*: - ; *District*: - ; *Municipality*: - ; *Reserve*: - ; *Georegion*: - ; *Locality*: - ; *Habitat*: - ; *Leg*: - ; *Det*: Pytel-Huta S.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-942, insect-box-663.

*Sceliphron destillatorium* Illiger, 1807



Inventory number:

E2.20.64.20.01/14

Digital record number:

SMNH010547

Data Centre “Biodiversity of Ukraine”:

ID 69822

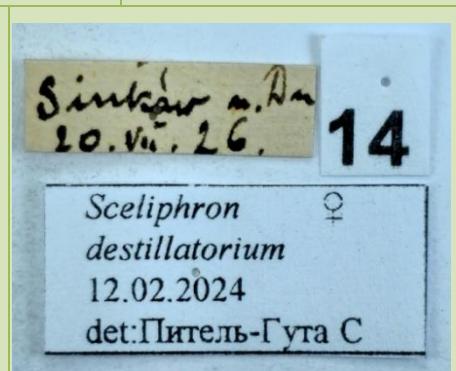


Fig. 14. Specimen of *Sceliphron destillatorium* Illiger, 1807 in the SMNH collection.

*Collection Type*: MuseumCollection/Specimen; *Count*: 1; *Event Date*: 1926-07-20; *Country*: Ukraine; *State Province*: Ternopilska; *District*: Chortkivskyi; *Municipality*: Synkiv; *Reserve*: NNP Dnister Canyon; *Georegion*: FZB: West Podillia Upland; *Locality*: - ; *Habitat*: - ; *Leg*: Noskiewicz J.; *Det*: Pytel-Huta S.; *Institution Code*: SMNH; *Citation*: - ; *Remarks*: cabinet-942, insect-box-663.

Клетьонкін В., Пархоменко М. Знахідки інвазійного виду *Sceliphron deforme* (F. Smith, 1856) (Hymenoptera, Sphecidae) у Куп'янському районі Харківської області. Матер. наук.-практ. конф. “Досвід організації та функціонування об’єктів природно-заповідного фонду Волино-Поділля». Кременець. 2023. С.102-106.

Тимків І., Назарук К., Шидловський І., Царик Й. Експансія пелопея вигнутого *Sceliphron curvatum* (F. Smith, 1870) у Центральній та Східній Європі. *Вісник Львівського університету. Серія біологічна.* 2015. Випуск 70. С.181-187.

Dollfuss, H. Bestimmungs schlüssel der Grabwespen Nord- und Zentraleuropas (Hymenoptera, Sphecidae) mit speziellen Angaben zur Grabwespen fauna Österreichs. Staphia. 1991. 24, P.1-247.

Chatenoud L., Polidori C., Federici M., Licciardi V., Andrietti F. Mud-Ball Construction by *Sceliphron* Mud-Dauber Wasps (Hymenoptera: Sphecidae): A Comparative Ethological Study. *Zoological Studies.* 2012. 51(7). P.937-945.

Polidori C., Andrietti F., Trombino L. The nest of the mud-dauber wasp, *Sceliphron spirifex* (Hymenoptera, Sphecidae): Application of geological methods to structure and brood cell contents analysis. *Italian Journal of Zoology.* 2005. 72. P.153-159.

Pulawski W.J. 2020. Catalog of Sphecidae sensu lato. California Academy of Sciences, Golden Gate Park, San Francisco, California, USA. Available from: <https://www.calacademy.org/sci-entists/projects/catalog-of-sphecidae> (accessed 1st August 2020).

Pytel-Huta S. Wasps (Crabronidae, Sphecidae, Scoliidae, and Pompilidae) of Rivne Nature Reserve and their trophic relationships with angiosperms. *Studia Biologica.* 2023. 17(3). P.85-98.

Wisniowski B., Huflejt T., Babik H., Czechowski W., Pawlikowski T. New records of two alien mud daubers *Sceliphron destillatorium* (Ill.) and *Sceliphron curvatum* (Sm.) (Hymenoptera, Sphecidae) from Poland with comments on expansion of their ranges. *Fragmента Faunistica.* 2013. 56 (1). P.25-37.

Yuan D., Beckman J., Fernandez F.F., Rodriguez J. Nest Ecology and Prey Preference of the Mud Dauber Wasp *Sceliphron formosum* (Hymenoptera: Sphecidae). *Insects.* 2022. 13(12), 1136. P.22.

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**Національна академія наук України  
Державний природознавчий музей**

Науково-довідкове видання  
(електронне видання)

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

Випуск 2  
ГЕРБАРІЙ, АКАРОЛОГІЧНА ТА ЕНТОМОЛОГІЧНА КОЛЕКЦІЇ

Гуштан Габріел Гаврилович, Гуштан Катерина Валеріївна, Кузярін Олександр Тимофійович, Питель-Гута Софія Романівна, Різун Володимир Богданович, Савицька Анастасія Григорівна



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