



CATALOGUE

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

Entomological collection

(scientific-reference edition)



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Catalogue of the digitized collections, deposited in the State Museum of Natural History, National Academy of Sciences of Ukraine. Issue 4. Entomological collections. – Lviv, 2025. – 191 p. [Electronic publication]

Abstract. The next issue of the catalogue which includes specimens of beetles (Coleoptera: Carabidae, Buprestidae, Erotylidae, Curculionidae), sand wasps (Hymenoptera, Crabronidae) and bumblebees (Hymenoptera, Apidae) from the collection of the State Museum of Natural History, National Academy of Sciences of Ukraine, has been published. In this fourth part of the catalogue, we present precise information about 17 species and 323 digitized specimens of biota groups mentioned above. For entomologists, workers of natural history museums.

Key words: biodiversity, fauna, Coleoptera, Hymenoptera, beetles, sand wasps, bumblebees, insects, museum, digitized collection, catalogue.

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LIST OF ABBREVIATIONS

AR – Autonomous Republic
CrMts – Crimean Mountains
CsCp – Ciscarpathians' Upland
DCBU – Data Centre “Biodiversity of Ukraine”
DnDpL – Dnister-Dnipro land
EBs – Eastern Beskydy
Event Date format – yyyy-mm-dd,
FZB – Temperate broad-leaf forest zone,
FZM – Mixed forest zone,
Gg – Gorgany massif
ID – Identifier, a number which uniquely identifies record in the DCBU
LAL – Landscape Architecture Landmark
NASU – National Academy of Sciences of Ukraine
NNP – National Nature Park
NR – Nature Reserve
OCVV – Outercarpathians and Vododilno-Verkhovynska oblasts
PBC – Pokutsko-Bukovynski Carpathians
PlChr – Polonynsko-Chornohirska region
RLP – Regional Landscape Park
ROp - Roztotsko-Opilska Upland
SMNH – State Museum of Natural History, National Academy of Sciences of Ukraine, Lviv
SZ – Steppe zone
SZN – Northern Steppe subzone
TrCp – Trancarpathians Lowland
UC – Ukrainian Carpathians
ZAK – Zakaznyk
ZMUzh – Zoological Museum of Uzhgorod National University

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 XIX 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). The information retrieval system 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 DCBU is working with database, which contains information on scientific and vernacular names of organisms, data records of species, digitized museum specimens, their geotagged geographical distribution, protection categories etc. The international standards (Darwin Core) to facilitate the sharing of information on biological diversity are used for the database maintenance. At present, the database contains more than 81 thousand records, over 33 thousand of which are from the collections of the SMNH. Now above 17000 items are digitized and the process of digitization is ongoing.

This catalogue contains data on 17 species: Coleoptera (ground beetles – 1, jewel beetles – 2, pleasing fungus beetles – 9, weevils – 3), Hymenoptera (sand wasps – 1, bumblebees – 1) from the collection of the SMNH. In total 323 items. One species *Eurythyrea quercus* (Herbst, 1780) (Insecta, Coleoptera, Buprestidae) has been included into the Red Data Book of Ukraine. All samples are included in the electronic database 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, besides the 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. This will support the study of biodiversity and help to fill knowledge gaps and prioritize future collection efforts in areas where little is known about the certain groups of flora and fauna.

ПЕРЕДМОВА

Музейні колекції є важливим ресурсом для науковців, які вивчають різні групи біоти та їхнє різноманіття. Ці колекції включають зразки як з України, так і з сусідніх країн, і можуть бути використані для вивчення таксономії, біогеографії, морфології та еволюції рослин і тварин. Крім того, музейні колекції можуть бути корисними для досліджень у галузі біології та екології комах, оскільки сприятимуть їхньому збереженню.

Державний природознавчий музей Національної академії наук України у Львові володіє однією із найстаріших і найбагатших природничо-наукових колекцій в Україні. Загалом його природничі колекції налічують близько 400 тисяч музейних предметів і мають виняткове значення для науки. Постановою Кабінету Міністрів України (2001 р.) науковим колекціям та рідкісним вітринам XIX ст. надано статус Національного надбання. Протягом останніх восьми років ДПМ НАНУ займається впровадженням електронної системи обліку колекцій та їхнім оцифруванням за допомогою програмного забезпечення та інтернет-ресурсу Центр даних «Біорізноманіття України» (ЦДБУ). Інформаційно-пошукова система «Центр даних “Біорізноманіття України”» створена в Державному природознавчому музеї НАН України та опублікована в мережі Інтернет 25 травня 2017 року.

ЦДБУ працює з базою даних, яка містить інформацію про наукові та народні назви організмів, дані про знахідки видів, оцифровані музейні зразки, їхнє геотеґоване географічне поширення, охоронні категорії тощо. Для ведення бази даних використовуються міжнародні стандарти (Darwin Core) для полегшення обміну інформацією про біологічне різноманіття. Наразі база даних містить понад 81 тис. записів, з яких понад 33 тис. – з колекції ДПМ НАНУ. На цей час оцифровано понад 17 тис. одиниць зберігання, і процес оцифрування триває.

Цей каталог містить дані про 17 видів: Coleoptera (жуки-туруни – 1, жуки-златки – 2, жуки-грибовики – 9, довгоносики – 3), Hymenoptera (риючі оси – 1, джмелі – 1) з колекції ДПМ НАНУ. Загалом 323 екземпляри. Один вид *Eurythyrea quercus* (Herbst, 1780) (Insecta, Coleoptera, Buprestidae) включено до Червоної книги України. Всі зразки внесені до електронної баз даних Центру даних «Біорізноманіття України» <<http://dc.smnh.org/>>. Кожен зразок має QR-код, за допомогою якого можна перейти на його сторінку на веб-ресурсі Центр даних «Біорізноманіття України».

Цей каталог, окрім забезпечення додаткового збереження наукової та історичної природної спадщини, уможливорює легкий пошук і доступ до зразків колекцій ДПМ НАНУ для дослідників та інших користувачів, що може мати вирішальне значення для вивчення біорізноманіття та допомогти заповнити прогалини в знаннях і визначити пріоритети майбутніх зусиль зі збору колекцій у регіонах, де певні групи флори і фауни вивчені недостатньо.

CATALOGUE OF THE GENUS *BARYNOTUS* GERMAR, 1817 (COLEOPTERA, CURCULIONIDAE) DEPOSITED IN THE STATE MUSEUM OF NATURAL HISTORY NASU, LVIV, UKRAINE

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The genus *Barynotus* Germar, 1817 comprises 25 species (Alonso-Zarazaga *et al.* 2023) native to Europe. *Barynotus moerens* Fabricius, 1792, *B. obscurus* (Fabricius, 1775), and *B. squamosus* Germar, 1823 have been recorded in North America. The highest species richness and the number of endemics (19 species) are located in the Pyrenees and Alps. Endemics are also known from the Cantabrian Mountains, the Sistema Ibérico (one species per range), two taxa restricted to the Carpathians, and a single species probably endemic to Kočevje Highlands, Dinaric Mountains in Slovenia (Delbol 2018). The range of amphigonic populations of widespread *B. squamosus* is restricted to the Pyrenees, and for *B. moerens* and *B. obscurus* it is constrained to the Vosges and Jura, being surrounded by two large spots of biodiversity in the Pyrenees and Alps. Males are currently unknown for *B. scutatus* Desbrochers des Loges, 1892, from Finland. The beetles are flightless with predominantly nocturnal activity. The life history of most *Barynotus* remains poorly studied. To date, this genus is represented in Ukraine by three species (Khrapov & Yunakov 2024).

***Barynotus makolskii* Smreczyński, 1955**

Amphigonic species, endemic to the Carpathians. A single pair was collected in the Lviv region in 2021 (Khrapov & Yunakov 2024). The female was swept in the evening on the forest edge from flowers of *Primula elatior* (L.), while the male was caught in a pitfall trap. Yet another historical male specimen, apparently from the collection of Józef Grolle, was found in the SMNHL collection and labeled “KARPATY KOMARNIKI”.

***Barynotus moerens* (Fabricius, 1792)**

A polyphagous species distributed across the boreal and nemoral zones of Europe (Yunakov *et al.* 2018). Throughout most of its range, this species is represented by parthenogenetic populations. Males have been reliably recorded in Macon, France (Smreczyński 1955). The beetles reach their highest abundance in May (GBIF 2025). In Ukraine, it is known only from the Zakarpattia Region (Roubal 1941). A single female from Vorokhta, collected over 100 years ago, remains the only known specimen from Ukraine. The SMNHL collection also holds four specimens from the Tatras.

***Barynotus obscurus* (Fabricius, 1775)**

A polyphagous species occurring in boreal and nemoral zones of Europe (Yunakov *et al.* 2018), and introduced to the Canadian northeast (Brown 1950). The species is parthenogenetic throughout its range except for amphigonic populations known in the

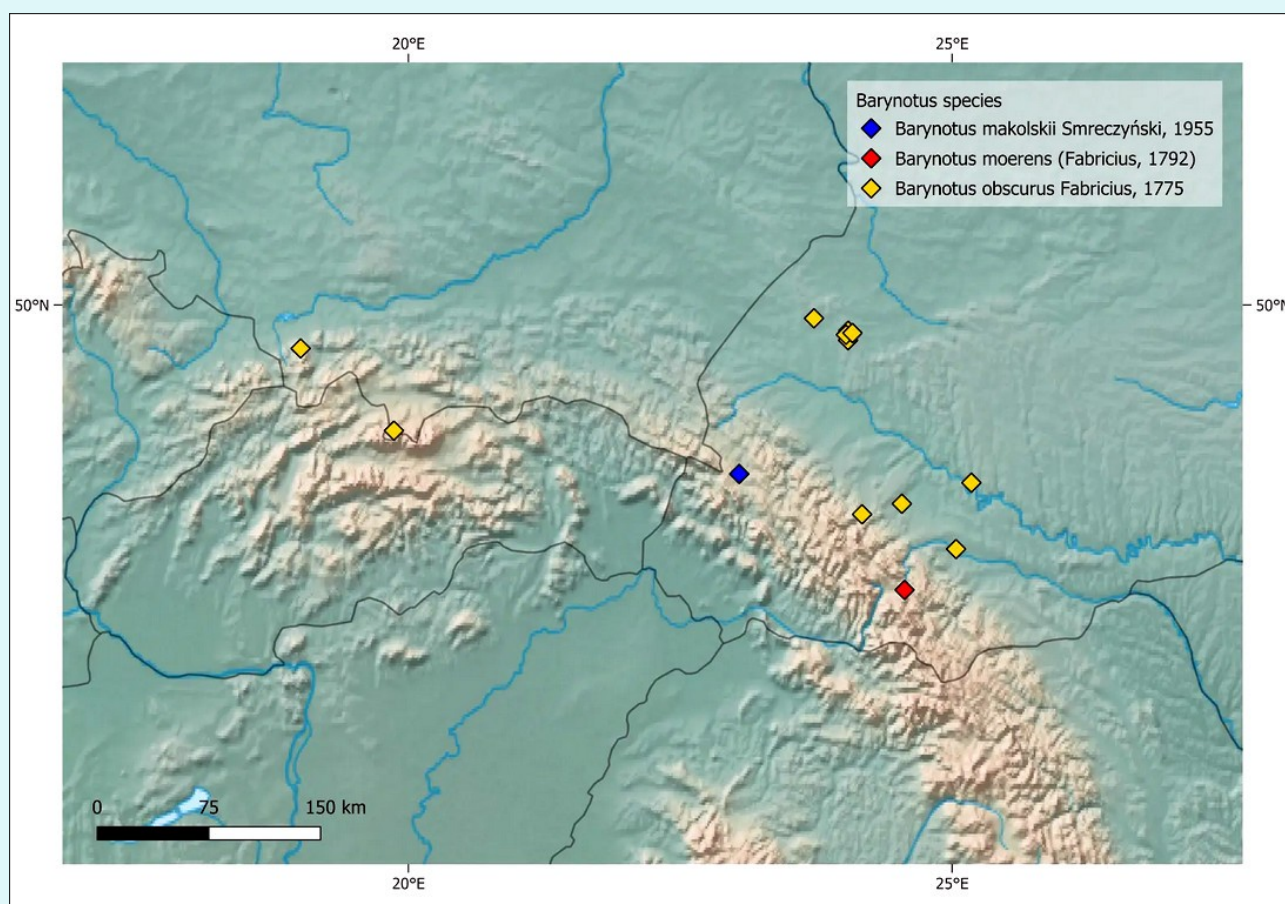


Fig. 1. Findings of the *Barynotus* Germar, 1817 species in the collection of SMNH

departments of Savoie, Drôme, Hautes-Alpes, Alpes-Maritimes and Vosges Mountains of southeastern France (Desbrochers des Loges, 1909; Hoffmann, 1950). Despite its large range, *B. obscurus* rarely appears in general entomological samples. It inhabits meadows, pastures, gardens, and urban parks (Krátký & Sprick 2020). According to the GBIF database, the beetles are observed mostly in June (756 observations). Thirty-six specimens of this species are currently housed in the SMNHL collection.

The collection of the State Museum of Natural History, National Academy of Sciences of Ukraine (SMNHL), holds 43 specimens of three *Barynotus* species, stored in cabinet #943, drawer #583. All beetles were collected in the second half of the 19th century and the first half of the 20th century. However, only 4 specimens have labels with a collection year, the others are marked only with a day and month. Apparently, the specimens were collected by Marian Łomnicki (1845-1915), August Stöckl (1858-1941) and Wołodymyr Zańko (1879-?).

<i>Barynotus makolskii</i> Smreczyński, 1955		
Inventory number:	E2.19.181.04.03/01	
Digital record number:	SMNH013642	
Data Centre “Biodiversity of Ukraine”:	ID 79673	
 		
Fig. 2. Specimen of <i>Barynotus makolskii</i> Smreczyński, 1955 in the SMNH collection <i>Collection Type:</i> MuseumCollection / Specimen; <i>Count:</i> 1; <i>Event Date:</i> 0000-00-00; <i>Country:</i> Ukraine; <i>State Province:</i> Lvivska; <i>District:</i> Sambirskyi; <i>Municipality:</i> Komarnyky; <i>Reserve:</i> - ; <i>Georegion:</i> UC; <i>OCVV:</i> EBs; <i>Stryisko-Sanska Verkhovyna & Verkhovynskyi Watershed range;</i> <i>Locality:</i> - ; <i>Habitat:</i> - ; <i>Leg:</i> - ; <i>Det:</i> Khrapov D.S.; <i>Institution Code:</i> SMNH; <i>Citation:</i> - ; <i>Remarks:</i> cabinet-943, insect-box-583.		
<i>Barynotus moerens</i> (Fabricius, 1792)		
Inventory number:	E2.19.181.04.02/01	
Digital record number:	SMNH013643	
Data Centre “Biodiversity of Ukraine”:	ID 79674	
 		
Fig. 3. Specimen of <i>Barynotus moerens</i> (Fabricius, 1792) in the SMNH collection <i>Collection Type:</i> MuseumCollection / Specimen; <i>Count:</i> 1; <i>Event Date:</i> 0000-06-19; <i>Country:</i> Ukraine; <i>State Province:</i> - ; <i>District:</i> - ; <i>Municipality:</i> - ; <i>Reserve:</i> - ; <i>Georegion:</i> - ; <i>Locality:</i> - ; <i>Habitat:</i> - ; <i>Leg:</i> - ; <i>Det:</i> Khrapov D.S.; <i>Institution Code:</i> SMNH; <i>Citation:</i> - ; <i>Remarks:</i> cabinet-943, insect-box-583, labels: “19/6 Olk”, “13”.		

<i>Barynotus moerens</i> (Fabricius, 1792)		
Inventory number:	E2.19.181.04.02/02	
Digital record number:	SMNH013644	
Data Centre “Biodiversity of Ukraine”:	ID 79675	
		

Fig. 4. Specimen of *Barynotus moerens* (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:* Carpathians; *Habitat:* - ; *Leg:* - ; *Det:* Khrapov D.S.; *Institution Code:* SMNH; *Citation:* - ; *Remarks:* cabinet-943, insect-box-583.

<i>Barynotus moerens</i> (Fabricius, 1792)		
Inventory number:	E2.19.181.04.02/03	
Digital record number:	SMNH013645	
Data Centre “Biodiversity of Ukraine”:	ID 79676	
		

Fig. 5. Specimen of *Barynotus moerens* (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:* - ; *Habitat:* - ; *Leg:* - ; *Det:* Khrapov D.S.; *Institution Code:* SMNH; *Citation:* - ; *Remarks:* cabinet-943, insect-box-583.

<i>Barynotus moerens</i> (Fabricius, 1792)		
Inventory number:	E2.19.181.04.02/04	
Digital record number:	SMNH013646	
Data Centre "Biodiversity of Ukraine":	ID 79677	
		

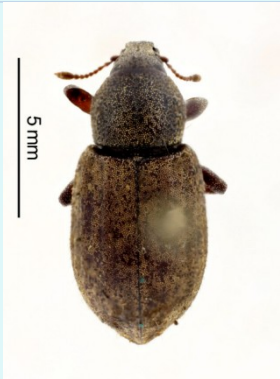
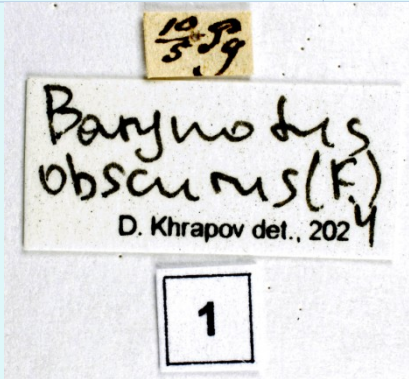
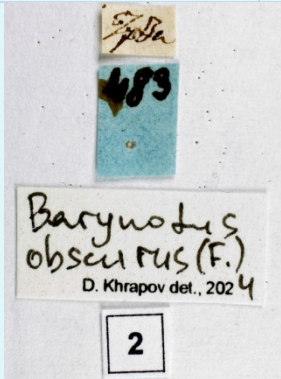
Fig. 6. Specimen of *Barynotus moerens* (Fabricius, 1792) in the SMNH collection

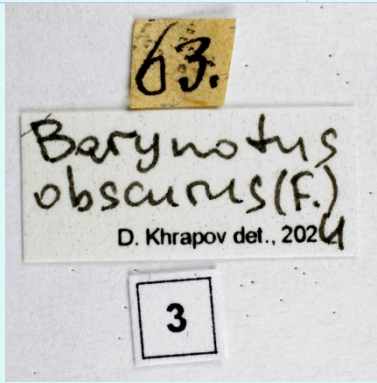
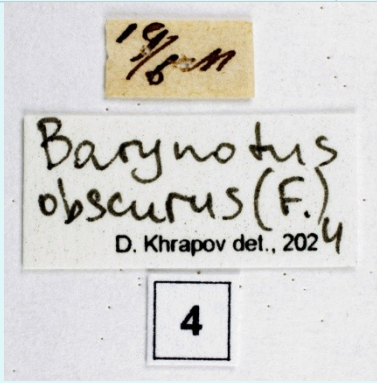
Collection Type: MuseumCollection / Specimen; *Count:* 1; *Event Date:* 0000-00-00; *Country:* Poland; *State Province:* Małopolskie województwo; *District:* Tatrzański; *Municipality:* - ; *Reserve:* - ; *Georegion:* - ; *Locality:* Tatrzy; *Habitat:* - ; *Leg:* Stöckl A.; *Det:* Khrapov D.S.; *Institution Code:* SMNH; *Citation:* - ; *Remarks:* cabinet-943, insect-box-583.

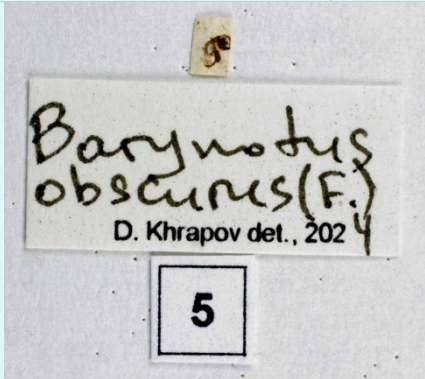
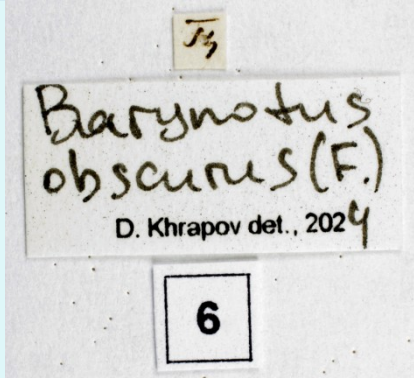
<i>Barynotus moerens</i> (Fabricius, 1792)		
Inventory number:	E2.19.181.04.02/05	
Digital record number:	SMNH013647	
Data Centre "Biodiversity of Ukraine":	ID 79678	
		

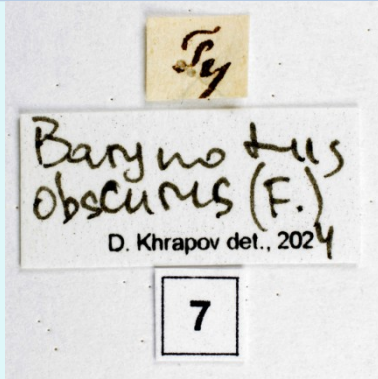
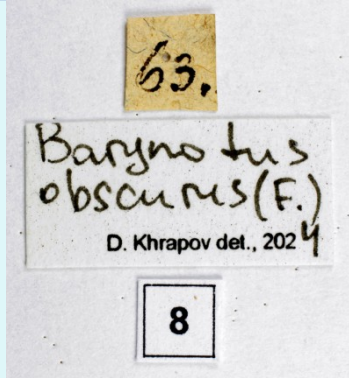
Fig. 7. Specimen of *Barynotus moerens* (Fabricius, 1792) in the SMNH collection

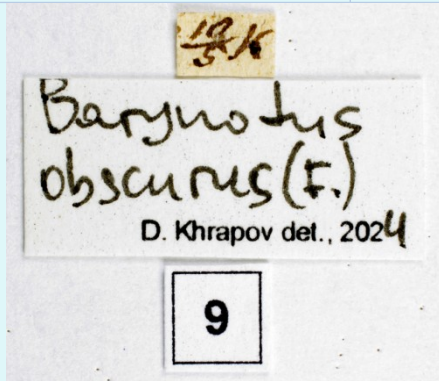
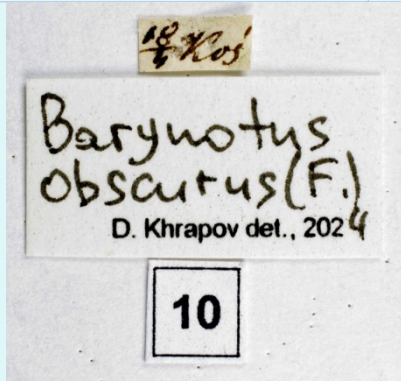
Collection Type: MuseumCollection / Specimen; *Count:* 1; *Event Date:* 0000-00-00; *Country:* Poland; *State Province:* Małopolskie województwo; *District:* Tatrzański; *Municipality:* - ; *Reserve:* - ; *Georegion:* - ; *Locality:* Tatrzy; *Habitat:* - ; *Leg:* - ; *Det:* Khrapov D.S.; *Institution Code:* SMNH; *Citation:* - ; *Remarks:* cabinet-943, insect-box-583.

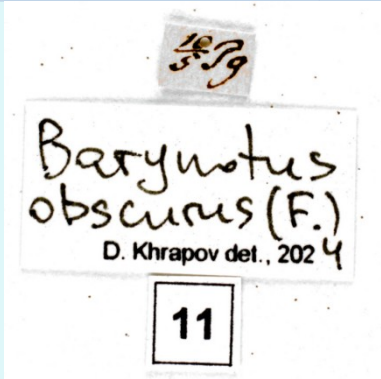
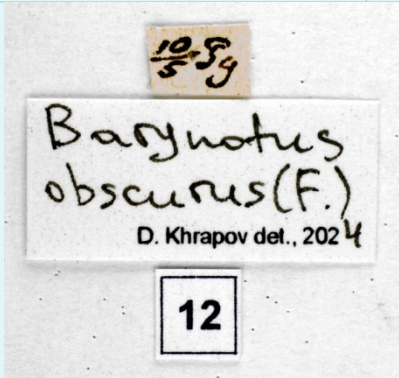
<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/01	
Digital record number:	SMNH013606	
Data Centre "Biodiversity of Ukraine":	ID 75513	
		
Fig. 8. Specimen of <i>Barynotus obscurus</i> (Fabricius, 1775) in the SMNH collection <i>Collection Type:</i> MuseumCollection / Specimen; <i>Count:</i> 1; <i>Event Date:</i> 0000-05-10; <i>Country:</i> Ukraine; <i>State Province:</i> Lvivska; <i>District:</i> Lvivskyi; <i>Municipality:</i> Lviv; <i>Reserve:</i> RLP Znesinnia; <i>Georegion:</i> FZB; <i>ROp:</i> Roztochchia; <i>Locality:</i> Piskova Hora Mt.; <i>Habitat:</i> - ; <i>Leg:</i> - ; <i>Det:</i> Khrapov D.S.; <i>Institution Code:</i> SMNH; <i>Citation:</i> - ; <i>Remarks:</i> cabinet-943, insect-box-583.		
<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/02	
Digital record number:	SMNH013607	
Data Centre "Biodiversity of Ukraine":	ID 75514	
		
Fig. 9. Specimen of <i>Barynotus obscurus</i> (Fabricius, 1775) in the SMNH collection <i>Collection Type:</i> MuseumCollection / Specimen; <i>Count:</i> 1; <i>Event Date:</i> 0000-07-05; <i>Country:</i> Ukraine; <i>State Province:</i> - ; <i>District:</i> - ; <i>Municipality:</i> - ; <i>Reserve:</i> - ; <i>Georegion:</i> - ; <i>Locality:</i> - ; <i>Habitat:</i> - ; <i>Leg:</i> - ; <i>Det:</i> Khrapov D.S.; <i>Institution Code:</i> SMNH; <i>Citation:</i> - ; <i>Remarks:</i> cabinet-943, insect-box-583.		

<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/03	
Digital record number:	SMNH013608	
Data Centre "Biodiversity of Ukraine":	ID 75515	
		
Fig. 10. Specimen of <i>Barynotus obscurus</i> (Fabricius, 1775) in the SMNH collection <i>Collection Type:</i> MuseumCollection / Specimen; <i>Count:</i> 1; <i>Event Date:</i> 0000-00-00; <i>Country:</i> - ; <i>State Province:</i> - ; <i>District:</i> - ; <i>Municipality:</i> - ; <i>Reserve:</i> - ; <i>Georegion:</i> - ; <i>Locality:</i> - ; <i>Habitat:</i> - ; <i>Leg:</i> - ; <i>Det:</i> Khrapov D.S.; <i>Institution Code:</i> SMNH; <i>Citation:</i> - ; <i>Remarks:</i> cabinet-943, insect-box-583.		
<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/04	
Digital record number:	SMNH013609	
Data Centre "Biodiversity of Ukraine":	ID 75516	
		
Fig. 11. Specimen of <i>Barynotus obscurus</i> (Fabricius, 1775) in the SMNH collection <i>Collection Type:</i> MuseumCollection / Specimen; <i>Count:</i> 1; <i>Event Date:</i> 0000-06-19; <i>Country:</i> Poland; <i>State Province:</i> Małopolskie województwo; <i>District:</i> Tatrzański; <i>Municipality:</i> Zakopane; <i>Reserve:</i> - ; <i>Georegion:</i> - ; <i>Locality:</i> Magura Mt.; <i>Habitat:</i> - ; <i>Leg:</i> - ; <i>Det:</i> Khrapov D.S.; <i>Institution Code:</i> SMNH; <i>Citation:</i> - ; <i>Remarks:</i> cabinet-943, insect-box-583.		

<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/05	
Digital record number:	SMNH013610	
Data Centre "Biodiversity of Ukraine":	ID 75517	
		
Fig. 12. Specimen of <i>Barynotus obscurus</i> (Fabricius, 1775) in the SMNH collection <i>Collection Type:</i> MuseumCollection / Specimen; <i>Count:</i> 1; <i>Event Date:</i> 0000-00-00; <i>Country:</i> - ; <i>State Province:</i> - ; <i>District:</i> - ; <i>Municipality:</i> - ; <i>Reserve:</i> - ; <i>Georegion:</i> - ; <i>Locality:</i> - ; <i>Habitat:</i> - ; <i>Leg:</i> - ; <i>Det:</i> Khrapov D.S.; <i>Institution Code:</i> SMNH; <i>Citation:</i> - ; <i>Remarks:</i> cabinet-943, insect-box-583.		
<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/06	
Digital record number:	SMNH013611	
Data Centre "Biodiversity of Ukraine":	ID 75518	
		
Fig. 13. Specimen of <i>Barynotus obscurus</i> (Fabricius, 1775) in the SMNH collection <i>Collection Type:</i> MuseumCollection / Specimen; <i>Count:</i> 1; <i>Event Date:</i> 0000-00-00; <i>Country:</i> Poland; <i>State Province:</i> Małopolskie województwo; <i>District:</i> Tatrzański; <i>Municipality:</i> - ; <i>Reserve:</i> - ; <i>Georegion:</i> - ; <i>Locality:</i> Tatry; <i>Habitat:</i> - ; <i>Leg:</i> - ; <i>Det:</i> Khrapov D.S.; <i>Institution Code:</i> SMNH; <i>Citation:</i> - ; <i>Remarks:</i> cabinet-943, insect-box-583.		

<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/07	
Digital record number:	SMNH013612	
Data Centre "Biodiversity of Ukraine":	ID 75519	
		
Fig. 14. Specimen of <i>Barynotus obscurus</i> (Fabricius, 1775) in the SMNH collection <i>Collection Type:</i> MuseumCollection / Specimen; <i>Count:</i> 1; <i>Event Date:</i> 0000-00-00; <i>Country:</i> Poland; <i>State Province:</i> Małopolskie województwo; <i>District:</i> Tatrzański; <i>Municipality:</i> - ; <i>Reserve:</i> - ; <i>Georegion:</i> - ; <i>Locality:</i> - ; <i>Habitat:</i> - ; <i>Leg:</i> - ; <i>Det:</i> Khrapov D.S.; <i>Institution Code:</i> SMNH; <i>Citation:</i> - ; <i>Remarks:</i> cabinet-943, insect-box-583.		
<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/08	
Digital record number:	SMNH013613	
Data Centre "Biodiversity of Ukraine":	ID 75520	
		
Fig. 15. Specimen of <i>Barynotus obscurus</i> (Fabricius, 1775) in the SMNH collection <i>Collection Type:</i> MuseumCollection / Specimen; <i>Count:</i> 1; <i>Event Date:</i> 0000-00-00; <i>Country:</i> - ; <i>State Province:</i> - ; <i>District:</i> - ; <i>Municipality:</i> - ; <i>Reserve:</i> - ; <i>Georegion:</i> - ; <i>Locality:</i> - ; <i>Habitat:</i> - ; <i>Leg:</i> - ; <i>Det:</i> Khrapov D.S.; <i>Institution Code:</i> SMNH; <i>Citation:</i> - ; <i>Remarks:</i> cabinet-943, insect-box-583.		

<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/09	
Digital record number:	SMNH013614	
Data Centre "Biodiversity of Ukraine":	ID 75521	
		
Fig. 16. Specimen of <i>Barynotus obscurus</i> (Fabricius, 1775) in the SMNH collection <i>Collection Type:</i> MuseumCollection / Specimen; <i>Count:</i> 1; <i>Event Date:</i> 0000-05-10; <i>Country:</i> Ukraine; <i>State Province:</i> Lvivska; <i>District:</i> Lvivskyi; <i>Municipality:</i> Lviv; <i>Reserve:</i> - ; <i>Georegion:</i> FZB: ROp: Roztochchia; <i>Locality:</i> Kryvchytsi; <i>Habitat:</i> - ; <i>Leg:</i> - ; <i>Det:</i> Khrapov D.S.; <i>Institution Code:</i> SMNH; <i>Citation:</i> - ; <i>Remarks:</i> cabinet-943, insect-box-583.		
<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/10	
Digital record number:	SMNH013615	
Data Centre "Biodiversity of Ukraine":	ID 75522	
		
Fig. 17. Specimen of <i>Barynotus obscurus</i> (Fabricius, 1775) in the SMNH collection <i>Collection Type:</i> MuseumCollection / Specimen; <i>Count:</i> 1; <i>Event Date:</i> 0000-04-18; <i>Country:</i> Poland; <i>State Province:</i> Małopolskie województwo; <i>District:</i> Tatrzański; <i>Municipality:</i> Zakopane; <i>Reserve:</i> - ; <i>Georegion:</i> - ; <i>Locality:</i> dolina Kościeliska; <i>Habitat:</i> - ; <i>Leg:</i> - ; <i>Det:</i> Khrapov D.S.; <i>Institution Code:</i> SMNH; <i>Citation:</i> - ; <i>Remarks:</i> cabinet-943, insect-box-583.		

<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/11	
Digital record number:	SMNH013616	
Data Centre "Biodiversity of Ukraine":	ID 75562	
		
Fig. 18. Specimen of <i>Barynotus obscurus</i> (Fabricius, 1775) in the SMNH collection <i>Collection Type:</i> MuseumCollection / Specimen; <i>Count:</i> 1; <i>Event Date:</i> 0000-05-10; <i>Country:</i> Ukraine; <i>State Province:</i> Lvivska; <i>District:</i> Lvivskyi; <i>Municipality:</i> Lviv; <i>Reserve:</i> RLP Znesinnia; <i>Georegion:</i> FZB: ROp: Roztochchia; <i>Locality:</i> Piskova Hora Mt.; <i>Habitat:</i> - ; <i>Leg:</i> - ; <i>Det:</i> Khrapov D.S.; <i>Institution Code:</i> SMNH; <i>Citation:</i> - ; <i>Remarks:</i> cabinet-943, insect-box-583.		
<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/12	
Digital record number:	SMNH013617	
Data Centre "Biodiversity of Ukraine":	ID 75563	
		
Fig. 19. Specimen of <i>Barynotus obscurus</i> (Fabricius, 1775) in the SMNH collection <i>Collection Type:</i> MuseumCollection / Specimen; <i>Count:</i> 1; <i>Event Date:</i> 0000-05-10; <i>Country:</i> Ukraine; <i>State Province:</i> Lvivska; <i>District:</i> Lvivskyi; <i>Municipality:</i> Lviv; <i>Reserve:</i> RLP Znesinnia; <i>Georegion:</i> FZB: ROp: Roztochchia; <i>Locality:</i> Piskova Hora Mt.; <i>Habitat:</i> - ; <i>Leg:</i> - ; <i>Det:</i> Khrapov D.S.; <i>Institution Code:</i> SMNH; <i>Citation:</i> - ; <i>Remarks:</i> cabinet-943, insect-box-583.		

<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/13	
Digital record number:	SMNH013618	
Data Centre “Biodiversity of Ukraine”:	ID 75564	

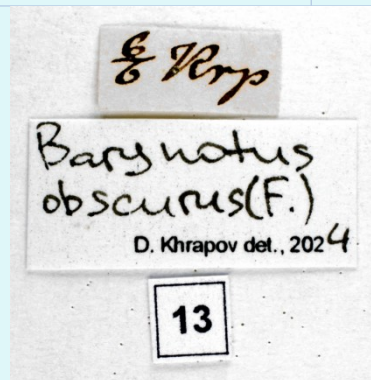


Fig. 20. Specimen of *Barynotus obscurus* (Fabricius, 1775) in the SMNH collection

Collection Type: MuseumCollection / Specimen; *Count:* 1; *Event Date:* 0000-06-06; *Country:* Ukraine; *State Province:* Ternopilska; *District:* Chortkivskyi; *Municipality:* Koropets; *Reserve:* - ; *Georegion:* FZB: ROp: Opillia; *Locality:* - ; *Habitat:* - ; *Leg:* - ; *Det:* Khrapov D.S.; *Institution Code:* SMNH; *Citation:* - ; *Remarks:* cabinet-943, insect-box-583.

<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/14	
Digital record number:	SMNH013619	
Data Centre “Biodiversity of Ukraine”:	ID 75565	

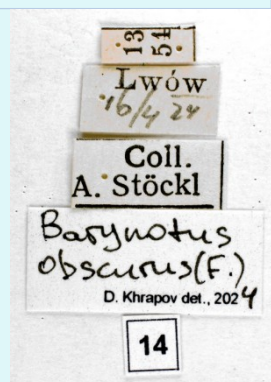
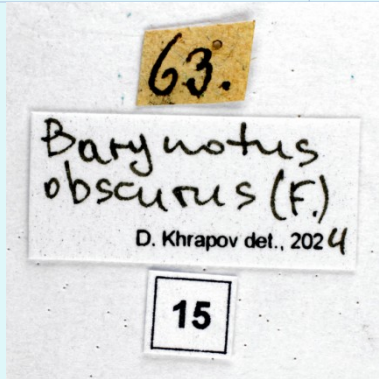
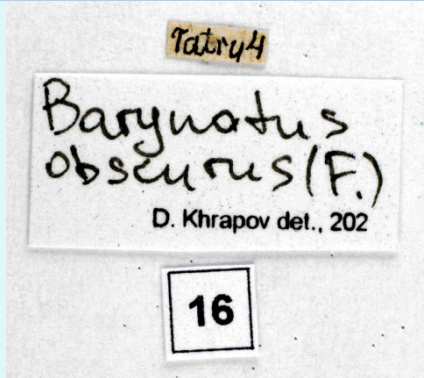


Fig. 21. Specimen of *Barynotus obscurus* (Fabricius, 1775) in the SMNH collection

Collection Type: MuseumCollection / Specimen; *Count:* 1; *Event Date:* 1924-04-16; *Country:* Ukraine; *State Province:* Lvivska; *District:* Lvivskyi; *Municipality:* Lviv; *Reserve:* - ; *Georegion:* FZB: ROp: Roztochchia; *Locality:* - ; *Habitat:* - ; *Leg:* Stöckl A.; *Det:* Khrapov D.S.; *Institution Code:* SMNH; *Citation:* - ; *Remarks:* cabinet-943, insect-box-583.

<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/15	
Digital record number:	SMNH013620	
Data Centre "Biodiversity of Ukraine":	ID 75566	
		
Fig. 22. Specimen of <i>Barynotus obscurus</i> (Fabricius, 1775) 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: Khrapov D.S.; Institution Code: SMNH; Citation: - ; Remarks: cabinet-943, insect-box-583.		
<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/16	
Digital record number:	SMNH013621	
Data Centre "Biodiversity of Ukraine":	ID 75567	
		
Fig. 23. Specimen of <i>Barynotus obscurus</i> (Fabricius, 1775) in the SMNH collection Collection Type: MuseumCollection / Specimen; Count: 1; Event Date: 0000-00-00; Country: Poland; State Province: Małopolskie województwo; District: Tatrzański; Municipality: - ; Reserve: - ; Georegion: - ; Locality: Tatry; Habitat: - ; Leg: - ; Det: Khrapov D.S.; Institution Code: SMNH; Citation: - ; Remarks: cabinet-943, insect-box-583.		

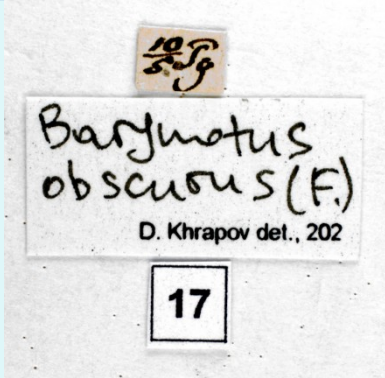
<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/17	
Digital record number:	SMNH013622	
Data Centre "Biodiversity of Ukraine":	ID 75568	
		

Fig. 24. Specimen of *Barynotus obscurus* (Fabricius, 1775) in the SMNH collection

Collection Type: MuseumCollection / Specimen; *Count:* 1; *Event Date:* 0000-05-10; *Country:* Ukraine; *State Province:* Lvivska; *District:* Lvivskyi; *Municipality:* Lviv; *Reserve:* RLP Znesinnia; *Georegion:* FZB; *ROp:* Roztochchia; *Locality:* Piskova Hora Mt.; *Habitat:* - ; *Leg:* - ; *Det:* Khrapov D.S.; *Institution Code:* SMNH; *Citation:* - ; *Remarks:* cabinet-943, insect-box-583.

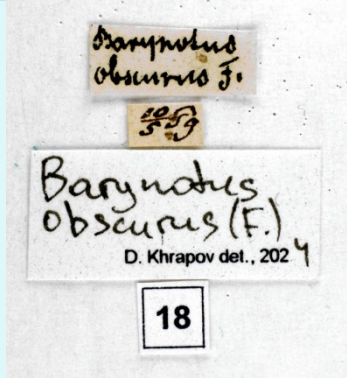
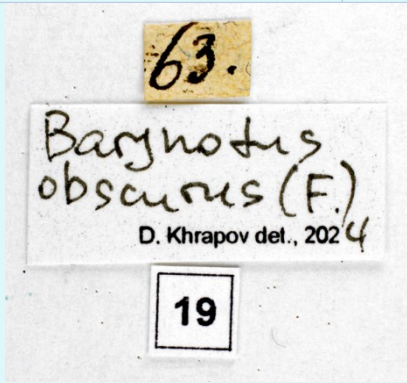
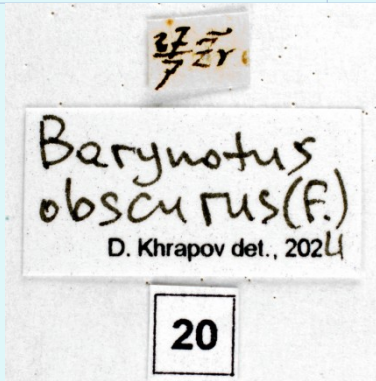
<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/18	
Digital record number:	SMNH013623	
Data Centre "Biodiversity of Ukraine":	ID 75569	
		

Fig. 25. Specimen of *Barynotus obscurus* (Fabricius, 1775) in the SMNH collection

Collection Type: MuseumCollection / Specimen; *Count:* 1; *Event Date:* 0000-05-10; *Country:* Ukraine; *State Province:* Lvivska; *District:* Lvivskyi; *Municipality:* Lviv; *Reserve:* RLP Znesinnia; *Georegion:* FZB; *ROp:* Roztochchia; *Locality:* Piskova Hora Mt.; *Habitat:* - ; *Leg:* - ; *Det:* Khrapov D.S.; *Institution Code:* SMNH; *Citation:* - ; *Remarks:* cabinet-943, insect-box-583.

<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/19	
Digital record number:	SMNH013624	
Data Centre "Biodiversity of Ukraine":	ID 75570	
		
Fig. 26. Specimen of <i>Barynotus obscurus</i> (Fabricius, 1775) in the SMNH collection <i>Collection Type:</i> MuseumCollection / Specimen; <i>Count:</i> 1; <i>Event Date:</i> 0000-00-00; <i>Country:</i> Ukraine; <i>State Province:</i> - ; <i>District:</i> - ; <i>Municipality:</i> - ; <i>Reserve:</i> - ; <i>Georegion:</i> - ; <i>Locality:</i> - ; <i>Habitat:</i> - ; <i>Leg:</i> - ; <i>Det:</i> Khrapov D.S.; <i>Institution Code:</i> SMNH; <i>Citation:</i> - ; <i>Remarks:</i> cabinet-943, insect-box-583.		
<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/20	
Digital record number:	SMNH013625	
Data Centre "Biodiversity of Ukraine":	ID 75628	
		
Fig. 27. Specimen of <i>Barynotus obscurus</i> (Fabricius, 1775) in the SMNH collection <i>Collection Type:</i> MuseumCollection / Specimen; <i>Count:</i> 1; <i>Event Date:</i> 0000-07-27; <i>Country:</i> - ; <i>State Province:</i> - ; <i>District:</i> - ; <i>Municipality:</i> - ; <i>Reserve:</i> - ; <i>Georegion:</i> - ; <i>Locality:</i> - ; <i>Habitat:</i> - ; <i>Leg:</i> - ; <i>Det:</i> Khrapov D.S.; <i>Institution Code:</i> SMNH; <i>Citation:</i> - ; <i>Remarks:</i> cabinet-943, insect-box-583.		

<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/21	
Digital record number:	SMNH013626	
Data Centre "Biodiversity of Ukraine":	ID 75629	

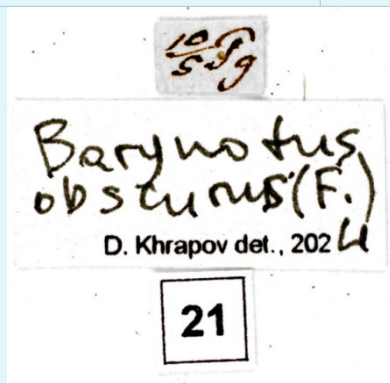


Fig. 28. Specimen of *Barynotus obscurus* (Fabricius, 1775) in the SMNH collection

Collection Type: MuseumCollection / Specimen; *Count:* 1; *Event Date:* 0000-05-10; *Country:* Ukraine; *State Province:* Lvivska; *District:* Lvivskyi; *Municipality:* Lviv; *Reserve:* RLP Znesinnia; *Georegion:* FZB: ROp: Roztochchia; *Locality:* Piskova Hora Mt.; *Habitat:* - ; *Leg:* - ; *Det:* Khrapov D.S.; *Institution Code:* SMNH; *Citation:* - ; *Remarks:* cabinet-943, insect-box-583.

<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/22	
Digital record number:	SMNH013627	
Data Centre "Biodiversity of Ukraine":	ID 75633	

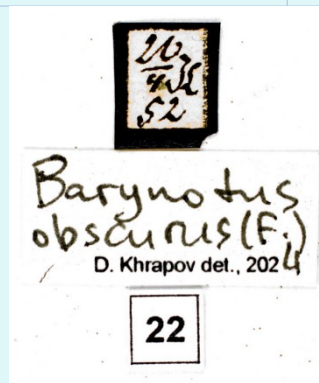


Fig. 29. Specimen of *Barynotus obscurus* (Fabricius, 1775) in the SMNH collection

Collection Type: MuseumCollection / Specimen; *Count:* 1; *Event Date:* 1852-04-26; *Country:* Ukraine; *State Province:* Lvivska; *District:* Lvivskyi; *Municipality:* Lviv; *Reserve:* - ; *Georegion:* FZB: ROp: Roztochchia; *Locality:* Kryvchytsi; *Habitat:* - ; *Leg:* - ; *Det:* Khrapov D.S.; *Institution Code:* SMNH; *Citation:* - ; *Remarks:* cabinet-943, insect-box-583.

<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/23	
Digital record number:	SMNH013628	
Data Centre "Biodiversity of Ukraine":	ID 75637	

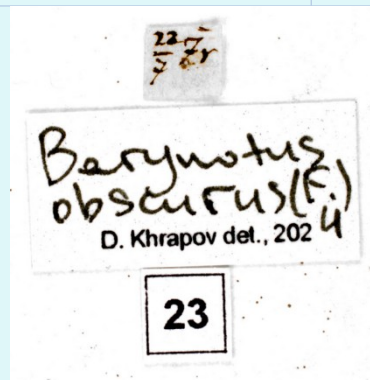


Fig. 30. Specimen of *Barynotus obscurus* (Fabricius, 1775) in the SMNH collection

Collection Type: MuseumCollection / Specimen; *Count:* 1; *Event Date:* 0000-07-22; *Country:* Ukraine; *State Province:* - ; *District:* - ; *Municipality:* - ; *Reserve:* - ; *Georegion:* - ; *Locality:* - ; *Habitat:* - ; *Leg:* - ; *Det:* Khrapov D.S.; *Institution Code:* SMNH; *Citation:* - ; *Remarks:* cabinet-943, insect-box-583.

<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/24	
Digital record number:	SMNH013629	
Data Centre "Biodiversity of Ukraine":	ID 75660	

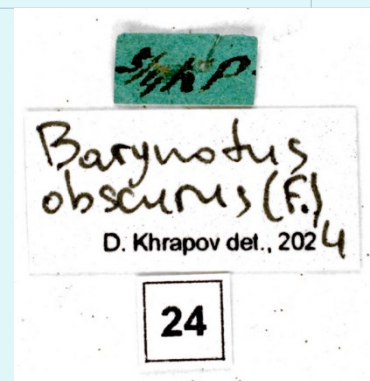
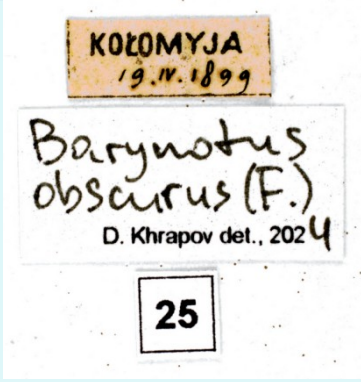
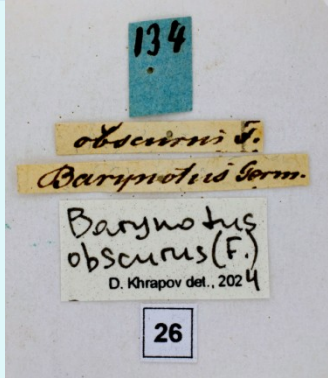


Fig. 31. Specimen of *Barynotus obscurus* (Fabricius, 1775) in the SMNH collection

Collection Type: MuseumCollection / Specimen; *Count:* 1; *Event Date:* 0000-04-05; *Country:* - ; *State Province:* - ; *District:* - ; *Municipality:* - ; *Reserve:* - ; *Georegion:* - ; *Locality:* - ; *Habitat:* - ; *Leg:* - ; *Det:* Khrapov D.S.; *Institution Code:* SMNH; *Citation:* - ; *Remarks:* cabinet-943, insect-box-583.

<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/25	
Digital record number:	SMNH013630	
Data Centre "Biodiversity of Ukraine":	ID 75661	
		
Fig. 32. Specimen of <i>Barynotus obscurus</i> (Fabricius, 1775) in the SMNH collection <i>Collection Type:</i> MuseumCollection / Specimen; <i>Count:</i> 1; <i>Event Date:</i> 1899-04-19; <i>Country:</i> Ukraine; <i>State Province:</i> Ivano-Frankivska; <i>District:</i> Kolomyyskiy; <i>Municipality:</i> Kolomyia; <i>Reserve:</i> - ; <i>Georegion:</i> UC: CsCp - Ciscarpathians Upland; <i>Locality:</i> - ; <i>Habitat:</i> - ; <i>Leg:</i> - ; <i>Det:</i> Khrapov D.S.; <i>Institution Code:</i> SMNH; <i>Citation:</i> - ; <i>Remarks:</i> cabinet-943, insect-box-583.		
<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/26	
Digital record number:	SMNH013631	
Data Centre "Biodiversity of Ukraine":	ID 75662	
		
Fig. 33. Specimen of <i>Barynotus obscurus</i> (Fabricius, 1775) in the SMNH collection <i>Collection Type:</i> MuseumCollection / Specimen; <i>Count:</i> 1; <i>Event Date:</i> 0000-00-00; <i>Country:</i> - ; <i>State Province:</i> - ; <i>District:</i> - ; <i>Municipality:</i> - ; <i>Reserve:</i> - ; <i>Georegion:</i> - ; <i>Locality:</i> - ; <i>Habitat:</i> - ; <i>Leg:</i> - ; <i>Det:</i> Khrapov D.S.; <i>Institution Code:</i> SMNH; <i>Citation:</i> - ; <i>Remarks:</i> cabinet-943, insect-box-583.		

<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/27	
Digital record number:	SMNH013632	
Data Centre "Biodiversity of Ukraine":	ID 75663	

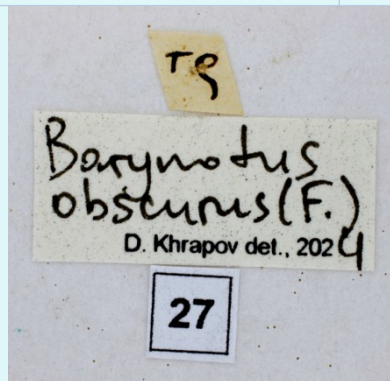


Fig. 34. Specimen of *Barynotus obscurus* (Fabricius, 1775) in the SMNH collection

Collection Type: MuseumCollection / Specimen; *Count:* 1; *Event Date:* 0000-00-00; *Country:* - ; *State Province:* - ; *District:* - ; *Municipality:* - ; *Reserve:* - ; *Georegion:* - ; *Locality:* - ; *Habitat:* - ; *Leg:* - ; *Det:* Khrapov D.S.; *Institution Code:* SMNH; *Citation:* - ; *Remarks:* cabinet-943, insect-box-583.

<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/28	
Digital record number:	SMNH013633	
Data Centre "Biodiversity of Ukraine":	ID 75664	

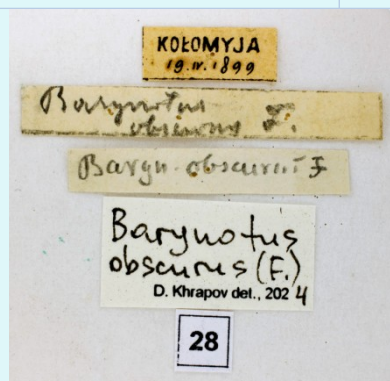
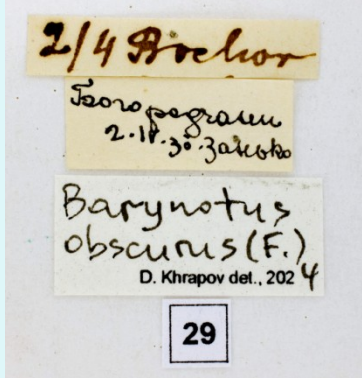
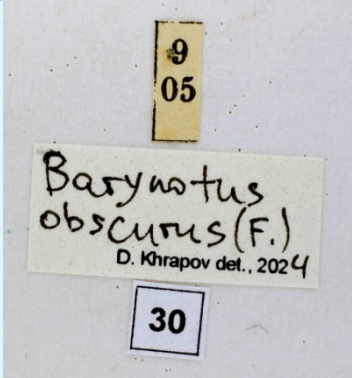
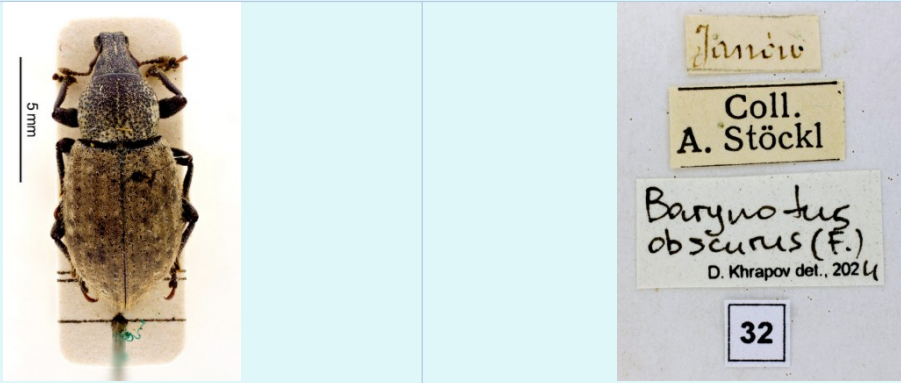
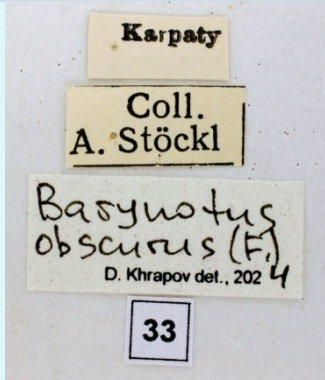
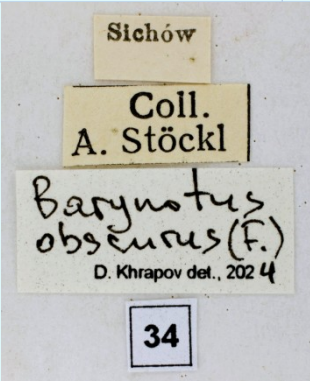


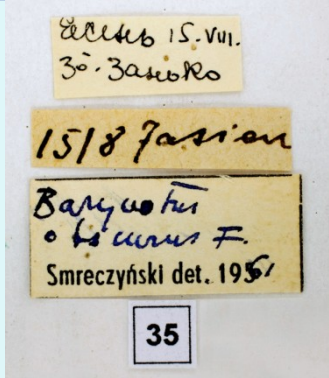
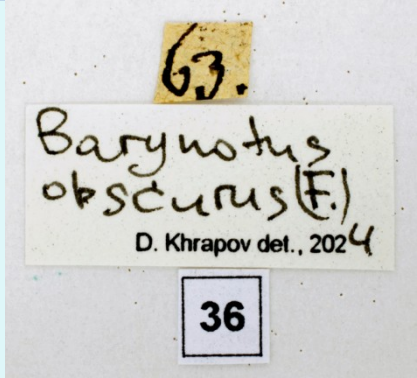
Fig. 35. Specimen of *Barynotus obscurus* (Fabricius, 1775) in the SMNH collection

Collection Type: MuseumCollection / Specimen; *Count:* 1; *Event Date:* 1899-04-19; *Country:* Ukraine; *State Province:* Ivano-Frankivska; *District:* Kolomyyskiy; *Municipality:* Kolomyia; *Reserve:* - ; *Georegion:* UC: CsCp - Ciscarpathians Upland; *Locality:* - ; *Habitat:* - ; *Leg:* - ; *Det:* Khrapov D.S.; *Institution Code:* SMNH; *Citation:* - ; *Remarks:* cabinet-943, insect-box-583.

<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/29	
Digital record number:	SMNH013634	
Data Centre "Biodiversity of Ukraine":	ID 75665	
		
Fig. 36. Specimen of <i>Barynotus obscurus</i> (Fabricius, 1775) in the SMNH collection <i>Collection Type:</i> MuseumCollection / Specimen; <i>Count:</i> 1; <i>Event Date:</i> 0000-04-02; <i>Country:</i> Ukraine; <i>State Province:</i> Ivano-Frankivska; <i>District:</i> Ivano-Frankivskyi; <i>Municipality:</i> Bohorodchany; <i>Reserve:</i> - ; <i>Georegion:</i> UC: CsCp - Ciscarpathians Upland; <i>Locality:</i> - ; <i>Habitat:</i> - ; <i>Leg:</i> Zanko V.; <i>Det:</i> Khrapov D.S.; <i>Institution Code:</i> SMNH; <i>Citation:</i> - ; <i>Remarks:</i> cabinet-943, insect-box-583.		
<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/30	
Digital record number:	SMNH013635	
Data Centre "Biodiversity of Ukraine":	ID 75666	
		
Fig. 37. Specimen of <i>Barynotus obscurus</i> (Fabricius, 1775) in the SMNH collection <i>Collection Type:</i> MuseumCollection / Specimen; <i>Count:</i> 1; <i>Event Date:</i> 0000-00-00; <i>Country:</i> - ; <i>State Province:</i> - ; <i>District:</i> - ; <i>Municipality:</i> - ; <i>Reserve:</i> - ; <i>Georegion:</i> - ; <i>Locality:</i> - ; <i>Habitat:</i> - ; <i>Leg:</i> - ; <i>Det:</i> Khrapov D.S.; <i>Institution Code:</i> SMNH; <i>Citation:</i> - ; <i>Remarks:</i> cabinet-943, insect-box-583.		

<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/31	
Digital record number:	SMNH013636	
Data Centre "Biodiversity of Ukraine":	ID 75667	
		
Fig. 38. Specimen of <i>Barynotus obscurus</i> (Fabricius, 1775) in the SMNH collection <i>Collection Type:</i> MuseumCollection / Specimen; <i>Count:</i> 2; <i>Event Date:</i> 0000-00-00; <i>Country:</i> - ; <i>State Province:</i> - ; <i>District:</i> - ; <i>Municipality:</i> - ; <i>Reserve:</i> - ; <i>Georegion:</i> - ; <i>Locality:</i> - ; <i>Habitat:</i> - ; <i>Leg:</i> - ; <i>Det:</i> Khrapov D.S.; <i>Institution Code:</i> SMNH; <i>Citation:</i> - ; <i>Remarks:</i> cabinet-943, insect-box-583.		
<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/32	
Digital record number:	SMNH013637	
Data Centre "Biodiversity of Ukraine":	ID 75668	
		
Fig. 39. Specimen of <i>Barynotus obscurus</i> (Fabricius, 1775) in the SMNH collection <i>Collection Type:</i> MuseumCollection / Specimen; <i>Count:</i> 1; <i>Event Date:</i> 0000-00-00; <i>Country:</i> Ukraine; <i>State Province:</i> Lvivska; <i>District:</i> Yavorivskyi; <i>Municipality:</i> Ivano-Frankove; <i>Reserve:</i> NR Roztochchia; <i>Georegion:</i> FZB; <i>ROp:</i> Roztochchia; <i>Locality:</i> - ; <i>Habitat:</i> - ; <i>Leg:</i> Stöckl A.; <i>Det:</i> Khrapov D.S.; <i>Institution Code:</i> SMNH; <i>Citation:</i> - ; <i>Remarks:</i> cabinet-943, insect-box-583.		

<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/33	
Digital record number:	SMNH013638	
Data Centre "Biodiversity of Ukraine":	ID 75669	
		
Fig. 40. Specimen of <i>Barynotus obscurus</i> (Fabricius, 1775) in the SMNH collection <i>Collection Type:</i> MuseumCollection / Specimen; <i>Count:</i> 1; <i>Event Date:</i> 0000-00-00; <i>Country:</i> Ukraine; <i>State Province:</i> - ; <i>District:</i> - ; <i>Municipality:</i> - ; <i>Reserve:</i> - ; <i>Georegion:</i> - ; <i>Locality:</i> Carpathians; <i>Habitat:</i> - ; <i>Leg:</i> Stöckl A.; <i>Det:</i> Khrapov D.S.; <i>Institution Code:</i> SMNH; <i>Citation:</i> - ; <i>Remarks:</i> cabinet-943, insect-box-583.		
<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/34	
Digital record number:	SMNH013639	
Data Centre "Biodiversity of Ukraine":	ID 75670	
		
Fig. 41. Specimen of <i>Barynotus obscurus</i> (Fabricius, 1775) in the SMNH collection <i>Collection Type:</i> MuseumCollection / Specimen; <i>Count:</i> 1; <i>Event Date:</i> 0000-00-00; <i>Country:</i> Ukraine; <i>State Province:</i> Lvivska; <i>District:</i> Lvivskyi; <i>Municipality:</i> Lviv; <i>Reserve:</i> - ; <i>Georegion:</i> FZB: ROp: Opillia; <i>Locality:</i> Sykhiv; <i>Habitat:</i> - ; <i>Leg:</i> Stöckl A.; <i>Det:</i> Khrapov D.S.; <i>Institution Code:</i> SMNH; <i>Citation:</i> - ; <i>Remarks:</i> cabinet-943, insect-box-583.		

<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/35	
Digital record number:	SMNH013640	
Data Centre "Biodiversity of Ukraine":	ID 75671	
 		
Fig. 42. Specimen of <i>Barynotus obscurus</i> (Fabricius, 1775) in the SMNH collection <i>Collection Type:</i> MuseumCollection / Specimen; <i>Count:</i> 1; <i>Event Date:</i> 0000-08-05; <i>Country:</i> Ukraine; <i>State Province:</i> Ivano-Frankivska; <i>District:</i> Kaluskyi; <i>Municipality:</i> Yasen; <i>Reserve:</i> - ; <i>Georegion:</i> UC: OCVV: Gg: Margin Gorgany range; <i>Locality:</i> - ; <i>Habitat:</i> - ; <i>Leg:</i> Zanko V.; <i>Det:</i> Smreczyński 1961; <i>Institution Code:</i> SMNH; <i>Citation:</i> - ; <i>Remarks:</i> cabinet-943, insect-box-583.		
<i>Barynotus obscurus</i> (Fabricius, 1775)		
Inventory number:	E2.19.181.04.01/36	
Digital record number:	SMNH013641	
Data Centre "Biodiversity of Ukraine":	ID 75672	
 		
Fig. 43. Specimen of <i>Barynotus obscurus</i> (Fabricius, 1775) in the SMNH collection <i>Collection Type:</i> MuseumCollection / Specimen; <i>Count:</i> 1; <i>Event Date:</i> 0000-00-00; <i>Country:</i> - ; <i>State Province:</i> - ; <i>District:</i> - ; <i>Municipality:</i> - ; <i>Reserve:</i> - ; <i>Georegion:</i> - ; <i>Locality:</i> - ; <i>Habitat:</i> - ; <i>Leg:</i> - ; <i>Det:</i> Khrapov D.S.; <i>Institution Code:</i> SMNH; <i>Citation:</i> - ; <i>Remarks:</i> cabinet-943, insect-box-583.		

REFERENCES

- Alonso-Zarazaga M.A., Barrios H., Borovec R., Bouchard P., Caldara R., Colonnelli E., Gültekin L., Hlaváč P., Korotyaev B., Lyal C.H.C., Machado A., Meregalli M., Pierotti H., Ren L., Sánchez-Ruiz M., Sforzi A., Silfverberg H., Skuhrovec J., Trýzna M., Velázquez de Castro A.J., Yunakov N.N. 2023. Cooperative Catalogue of Palaearctic Coleoptera Curculionoidea. 2nd edition. Monografías electrónicas de la Sociedad Entomológica Aragonesa. 14. P.1-780.
- Brown W.J. 1950. The extralimital distribution of some species of Coleoptera. *Canadian Entomologist*. 82. P.197-205. DOI: [10.4039/Ent82197-10](https://doi.org/10.4039/Ent82197-10)
- Delbol M. 2018. Description d'une nouvelle espèce de *Barynotus* de Slovénie, *Barynotus dinaricus* nov. sp. (Coleoptera: Curculionidae: Entiminae). *Bulletin de la Société royale belge d'Entomologie*. 154. P.165-167.
- Desbrochers des Loges J. 1909. Faunule des coléoptères de France: Curculionides; Brachyderidae, 2e partie (suite). *Le Frelon*. 17 (4). P.49-60.
- GBIF.org. 2025 GBIF Occurrence Download. *Barynotus*. (Accessed 28 May 2025). DOI: [10.15468/dl.6a6abp](https://doi.org/10.15468/dl.6a6abp)
- Hoffmann A. 1950. Coléoptères Curculionides, 1. Faune de France. 52. Librairie de la Faculté des Sciences, Paris. 486 pp.
- Khrapov D., Yunakov N. 2024. First record of *Barynotus makolskii* Smreczyński, 1955 and *Coelositona cambricus* (Stephens, 1831) in Ukraine, with faunistic and nomenclature notes on other weevils (Coleoptera: Curculionidae). *Fragmenta Entomologica*. 56 (2). P.239-250. DOI: [10.13133/2284-4880/1675](https://doi.org/10.13133/2284-4880/1675)
- Krátký J., Sprick P. 2020. On distribution and habitat of *Barynotus makolskii* Smreczyński, 1955, *B. margaritaceus* Germar, 1824 and other *Barynotus* species (Coleoptera: Curculionidae: Entiminae). *Weevil News*. 87. P.1-11.
- Roubal J. 1941. Rhynchophora. Katalog Coleopter (Brouku) Slovenska a Východních Karpat na zaklade bionomickem a zoogeografickem a spolu systematicky dopnek Ganglbauerovych 'Die Käfer von Mitteleuropa' a Reitterovy 'Fauna Germanica'. Díl 3. Vydal Slovanský Ústav v Nakladatelství Orbis, Praha. P.99-252.
- Smreczyński S. 1955. *Barynotus makolskii* n. sp. (Coleoptera, Curculionidae) i uwagi o pokrewnych gatunkach. *Polskie Pismo Entomologiczne*. 23 [1953] (3). P.71-81.
- Yunakov N., Nazarenko V., Filimonov R., Volovnik S. 2018. A survey of the weevils of Ukraine (Coleoptera: Curculionoidea). *Zootaxa*. 4404 (1). P.1-494.

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**Національна академія наук України
Державний природознавчий музей**

Науково-довідкове видання
(електронне видання)

**КАТАЛОГ ОЦИФРОВАНИХ КОЛЕКЦІЙ ДЕРЖАВНОГО
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УКРАЇНИ**

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