CATALOGUE

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

(Scientific-reference edition)
Abstract. Specimens of mosses, ferns, dragonflies, beetles, lacewings, bumblebees and felids from the collection of the State Museum of Natural History, National Academy of Sciences of Ukraine, are currently being catalogued. In this first part of the catalogue, we present precise information for 38 species and 425 digitized specimens of mentioned above groups of biota. Four species Rhysodes sulcatus (Fabricius, 1787) (Coleoptera, Carabidae), Bombus muscorum (Linnaeus, 1758) (Hymenoptera, Apidae), Felis silvestris Schreber, 1775, Lynx lynx (Linnaeus, 1758) (Mammalia, Carnivora) are listed in the Red Data Book of Ukraine.

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

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

AR – Autonomous Republic
BR – Biosphere Reserve
CBAzL – Black Sea-Azov land
CrMts – Crimean Mountains
CsCp - Ciscarpathians Upland
DCBU – Data Centre “Biodiversity of Ukraine”
DnDpL – Dnister-Dnipro land
EBs - Eastern Beskydy
Event Date format – yyyy-mm-dd,
FSZ – Forest-Steppe zone,
FZB – Temperate broad-leaf forest zone,
FZM – Mixed forests zone
Gg – Gorgany massive
LAL – Landscape Architecture Landmark
LN – Landmark of Nature
MrCh – Marmarosh-Chyvchyny region
NNP – National Nature Park
NR – Nature Reserve
OCVV – Outercarpathians and Vododilno-Verkhovynska oblasti
PBC – Pokutsko-Bukovynski Carpathians
PlChr – Polonynsko-Chornohirska region
Polonyna – montane meadow in the Ukrainian Carpathians
RLP – Regional Landscape Park
Rop - Roztotsko-Opilska Upland
SMNH – State Museum of Natural History, National Academy of Sciences of Ukraine, Lviv
SMNH LWS – Herbarium of the State Museum of Natural History, National Academy of Sciences of Ukraine, Lviv
SZ – Steppe zone
SZN – Northern Steppe subzone
SZS – South Steppe subzone
UC – Ukrainian Carpathians
ZAK – Zakaznyk (a type of protected area in Ukraine that meets World Conservation Union's (IUCN) category IV, or more frequently category VI criteria)\
CATALOGUE OF SPECIMENS BOMBUS MUSCORUM (LINNAEUS, 1758) (HYMENOPTERA, APIDAE) DEPOSITED IN THE STATE MUSEUM OF NATURAL HISTORY NASU, LVIV, UKRAINE

Iryna KONOVALOVA
State Museum of Natural History NASU, Lviv, e-mail: iren@museum.lviv.net

One of 51 species of the subgenus Thoracobombus. One of 250 world known species of the genus Bombus, and one of 40 bumblebee species in the fauna of Ukraine. Distribution: Palaearctic Region (Europe and northern Asia to the Pacific).

A large species with a mid-length tongue, emerging in late spring, and nesting on the surface of the ground. Colonies are small. *B. muscorum* (L.) inhabits moors, grasslands, and salt marshes. *B. muscorum* exhibit small foraging ranges. *B. muscorum* has been described as doorstep foragers, due to the tendency of workers to use food resources near the nest more frequently than the workers of other species.

*B. muscorum* has poor dispersal ability compared to other species of bumblebee, making it more vulnerable to habitat loss. As a result, populations have decreased dramatically in recent decades.

In recent years, populations have significantly declined due to loss of natural habitat. *B. muscorum* (L.) is currently listed as vulnerable in Europe by the European Red List of Bees. Populations, however, are fairly rare in all locations. *B. muscorum* is classified as vulnerable in Europe by the IUCN.

In the entomological collection of the State Museum of Natural History, National Academy of Sciences of Ukraine 57 specimens bumblebees are stored. Almost all individuals are collected in Ukraine (fig. 1), and one in France. Eight specimens of the species were collected by 1939. Judging by the style of writing labels, four bumblebees (Inventory number: E2.20.22.01.03/01, Digital record number: SMNH002686, Data Centre “Biodiversity of Ukraine”: ID 8684; Inventory number: E2.20.22.01.03/03, Digital record number: SMNH002688, Data Centre “Biodiversity of Ukraine”: ID 8686; Inventory number: E2.20.22.01.03/06, Digital record number: SMNH002689, Data Centre “Biodiversity of Ukraine”: ID 8687; Inventory number: E2.20.22.01.03/07, Digital record number: SMNH002690, Data Centre “Biodiversity of Ukraine”: ID 8688) collected by A. Wierzejski and four bumblebees (Inventory number: E2.20.22.01.03/02, Digital record number: SMNH002687, Data Centre “Biodiversity of Ukraine”: ID 8685; Inventory number: E2.20.22.01.03/04, Digital record number: SMNH007325, Data Centre “Biodiversity of Ukraine”: ID 56835; Inventory number: E2.20.22.01.03/05, Digital record number: SMNH007326, Data Centre “Biodiversity of Ukraine”: ID 56836; Inventory number: E2.20.22.01.03/08, Digital record number: SMNH002691, Data Centre “Biodiversity of Ukraine”: ID 8689) collected by J. Snieżek.
Fig. 1. Findings of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection


Bumblebees were collected from May 2 to September 26.

The findings are collected by the following collectors: O. Holovachov, I. Konovalova, V. Rizun, O. Vovk.

All samples are included in the electronic databases of the museum, in particular Data Centre “Biodiversity of Ukraine” <http://dc.smnh.org/>.
**Bombus muscorum** (Linnaeus, 1758)

Inventory number: E2.20.22.01.03/01
Digital record number: SMNH002686
Data Centre “Biodiversity of Ukraine”: ID 8684

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Fig. 2. Specimen of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection


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**Bombus muscorum** (Linnaeus, 1758)

Inventory number: E2.20.22.01.03/02
Digital record number: SMNH002687
Data Centre “Biodiversity of Ukraine”: ID 8685

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Fig. 3. Specimen of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection

**Bombus muscorum (Linnaeus, 1758)**

Inventory number: E2.20.22.01.03/03  
Digital record number: SMNH002688  
Data Centre “Biodiversity of Ukraine”: ID 8686

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Fig. 4. Specimen of of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection


**Bombus muscorum (Linnaeus, 1758)**

Inventory number: E2.20.22.01.03/04  
Digital record number: SMNH007325  
Data Centre “Biodiversity of Ukraine”: ID 56835

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Fig. 5. Specimen of of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection

### Bombus muscorum (Linnaeus, 1758)

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**Fig. 6.** Specimen of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection


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### Bombus muscorum (Linnaeus, 1758)

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**Fig. 7.** Specimen of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection

**Bombus muscorum** (Linnaeus, 1758)

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Fig. 8. Specimen of of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection


**Bombus muscorum** (Linnaeus, 1758)

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Fig. 9. Specimen of of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection

**Bombus muscorum** (Linnaeus, 1758)

Inventory number: E2.20.22.01.03/09.R
Digital record number: SMNH002692
Data Centre “Biodiversity of Ukraine”: ID 8690

Fig. 10. Specimen of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection


**Bombus muscorum** (Linnaeus, 1758)

Inventory number: E2.20.22.01.03/10.R
Digital record number: SMNH002693
Data Centre “Biodiversity of Ukraine”: ID 8691

Fig. 11. Specimen of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection

**Bombus muscorum** (Linnaeus, 1758)

Inventory number: E2.20.22.01.03/11.R  
Digital record number: SMNH002694  
Data Centre “Biodiversity of Ukraine”: ID 8692

Fig. 12. Specimen of of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection  
*Collection Type*: Museum Collection / Specimen.  
*Count*: 1.  
*Event Date*: 2006-05-02.  
*Country*: Ukraine.  
*State Province*: Khersonska.  
*District*: Chaplynskyi.  
*Municipality*: Askania-Nova.  
*Locality*: dendrological park.  
*Habitat*: meadow.  
*Reserve*: BR Askania-Nova.  
*Leg*: Vovk O.  
*Det*: Konovalova I.  
*Institution Code*: SMNH.  
*Remarks*: queen.

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**Bombus muscorum** (Linnaeus, 1758)

Inventory number: E2.20.22.01.03/12.R  
Digital record number: SMNH007308  
Data Centre “Biodiversity of Ukraine”: ID 56010

Fig. 13. Specimen of of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection  
*Collection Type*: Museum Collection / Specimen.  
*Count*: 1.  
*Event Date*: 2000-06-12.  
*Country*: Ukraine.  
*State Province*: Volynska.  
*District*: Shatskyi.  
*Locality*: Peremut Lake, bank.  
*Habitat*: meadow bog.  
*Reserve*: NNP Shatskyi.  
*Georegion*: FZM: Volynske Polissia.  
*Leg*: Holovachov O.  
*Det*: Konovalova I.  
*Institution Code*: SMNH.  
*Remarks*: queen.
**Bombus muscorum (Linnaeus, 1758)**

Inventory number: E2.20.22.01.03/13.R  
Digital record number: SMNH002695  
Data Centre “Biodiversity of Ukraine”: ID 8699

Fig. 14. Specimen of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection

*Collection Type*: Museum Collection/Specimen.  
*Count*: 1.  
*Event Date*: 2006-06-04.  
*Country*: Ukraine.  
*State Province*: Lvivska.  
*District*: Mykolaivskyi.  
*Municipality*: Kolodruby.  
*Habitat*: water meadow.  
*Reserve*: ZAK Koshiv.  
*Georegion*: FZB: ROp: Opillia.  
*Leg*: Konovalova I.  
*Det*: Konovalova I.  
*Institution Code*: SMNH.  
*Remarks*: worker.

**Bombus muscorum (Linnaeus, 1758)**

Inventory number: E2.20.22.01.03/14.R  
Digital record number: SMNH002696  
Data Centre “Biodiversity of Ukraine”: ID 8700

Fig. 15. Specimen of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection

*Collection Type*: Museum Collection / Specimen.  
*Count*: 1.  
*Event Date*: 2003-07-01.  
*Country*: Ukraine.  
*State Province*: Lvivska.  
*District*: Yavorivskyi.  
*Municipality*: Stavky.  
*Locality*: Stavky-Horbky locality.  
*Habitat*: water meadow.  
*Reserve*: NR Roztochchia.  
*Georegion*: FZB: ROp: Roztochchia.  
*Leg*: Konovalova I.  
*Det*: Konovalova I.  
*Institution Code*: SMNH.  
*Remarks*: worker.
**Bombus muscorum** (Linnaeus, 1758)

Inventory number: E2.20.22.01.03/15.R
Digital record number: SMNH002697
Data Centre “Biodiversity of Ukraine”: ID 8701

Fig. 16. Specimen of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection

**Collection Type:** Museum Collection / Specimen.  **Count:** 1.  **Event Date:** 2000-06-28.  **Country:** Ukraine.  **State Province:** Volynska.  **District:** Shatskyi.  **Municipality:** Pishcha.  **Locality:** fish-breeding ponds Ladynka.  **Habitat:** lake dam.  **Reserve:** NNP Shatskyi.  **Georegion:** FZM: Volynske Polissia.  **Leg:** Holovachov O.  **Det:** Konovalova I.  **Institution Code:** SMNH.  **Remarks:** worker.

**Bombus muscorum** (Linnaeus, 1758)

Inventory number: E2.20.22.01.03/16.R
Digital record number: SMNH007309
Data Centre “Biodiversity of Ukraine”: ID 56011

Fig. 17. Specimen of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection

**Collection Type:** Museum Collection / Specimen.  **Count:** 1.  **Event Date:** 2006-06-04.  **Country:** Ukraine.  **State Province:** Lvivska.  **District:** Mykolaivskyi.  **Municipality:** Kolodruby.  **Locality:** flood-lands of the Dnister River.  **Habitat:** water meadow.  **Reserve:** ZAK Koshiv.  **Georegion:** FZB: ROp: Opillia.  **Leg:** Konovalova I.  **Det:** Konovalova I.  **Institution Code:** SMNH.  **Remarks:** worker.
**Bombus muscorum** (Linnaeus, 1758)

Inventory number: E2.20.22.01.03/17.R
Digital record number: SMNH007311
Data Centre “Biodiversity of Ukraine”: ID 56272

Fig. 18. Specimen of **Bombus muscorum** (Linnaeus, 1758) in the SMNH collection


**Bombus muscorum** (Linnaeus, 1758)

Inventory number: E2.20.22.01.03/18.R
Digital record number: SMNH007312
Data Centre “Biodiversity of Ukraine”: ID 56273

Fig. 19. Specimen of **Bombus muscorum** (Linnaeus, 1758) in the SMNH collection

**Bombus muscorum** (Linnaeus, 1758)

Inventory number: E2.20.22.01.03/19.R
Digital record number: SMNH007313
Data Centre “Biodiversity of Ukraine”: ID 56274

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**Fig. 20.** Specimen of **Bombus muscorum** (Linnaeus, 1758) in the SMNH collection


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**Bombus muscorum** (Linnaeus, 1758)

Inventory number: E2.20.22.01.03/20.R
Digital record number: SMNH007314
Data Centre “Biodiversity of Ukraine”: ID 56275

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**Fig. 21.** Specimen of **Bombus muscorum** (Linnaeus, 1758) in the SMNH collection

**Bombus muscorum** (Linnaeus, 1758)

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Fig. 22. Specimen of of **Bombus muscorum** (Linnaeus, 1758) in the SMNH collection


**Bombus muscorum** (Linnaeus, 1758)

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Fig. 23. Specimen of of **Bombus muscorum** (Linnaeus, 1758) in the SMNH collection

**Bombus muscorum** (Linnaeus, 1758)

Inventory number: E2.20.22.01.03/23.R  
Digital record number: SMNH007316  
Data Centre “Biodiversity of Ukraine”: ID 56277

Fig. 24. Specimen of of **Bombus muscorum** (Linnaeus, 1758) in the SMNH collection  

**Bombus muscorum** (Linnaeus, 1758)

Inventory number: E2.20.22.01.03/24.R  
Digital record number: SMNH002699  
Data Centre “Biodiversity of Ukraine”: ID 8703

Fig. 25. Specimen of of **Bombus muscorum** (Linnaeus, 1758) in the SMNH collection  
Bombus muscorum (Linnaeus, 1758)

**Inventory number:** E2.20.22.01.03/25.R

**Digital record number:** SMNH002700

**Data Centre “Biodiversity of Ukraine”:** ID 8704

Fig. 26. Specimen of of Bombus muscorum (Linnaeus, 1758) in the SMNH collection


Bombus muscorum (Linnaeus, 1758)

**Inventory number:** E2.20.22.01.03/26.R

**Digital record number:** SMNH002701

**Data Centre “Biodiversity of Ukraine”:** ID 8705

Fig. 27. Specimen of of Bombus muscorum (Linnaeus, 1758) in the SMNH collection

**Bombus muscorum (Linnaeus, 1758)**

Inventory number: E2.20.22.01.03/27.R  
Digital record number: SMNH002702  
Data Centre “Biodiversity of Ukraine”: ID 8706

Fig. 28. Specimen of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection  
*Collection Type*: Museum Collection / Specimen.  
*Count*: 1.  
*Event Date*: 2000-08-31.  
*Country*: Ukraine.  
*State Province*: Lvivska.  
*District*: Yavorivskyi.  
*Municipality*: Stavky.  
*Locality*: Stavky-Horbky locality.  
*Habitat*: water meadow.  
*Reserve*: NR Roztochchia.  
*Georegion*: FZB: ROp: Roztochchia.  
*Leg*: Konovalova I.  
*Det*: Konovalova I.  
*Institution Code*: SMNH.  
*Remarks*: male.

**Bombus muscorum (Linnaeus, 1758)**

Inventory number: E2.20.22.01.03/28.R  
Digital record number: SMNH002703  
Data Centre “Biodiversity of Ukraine”: ID 8707

Fig. 29. Specimen of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection  
*Collection Type*: Museum Collection / Specimen.  
*Count*: 1.  
*Event Date*: 2006-07-21.  
*Country*: Ukraine.  
*State Province*: Lvivska.  
*District*: Mykolaivskyi.  
*Municipality*: Kolodruby.  
*Habitat*: moving meadow.  
*Georegion*: FZB: ROp: Opillia.  
*Leg*: Konovalova I.  
*Det*: Konovalova I.  
*Institution Code*: SMNH.  
*Remarks*: worker.
**Bombus muscorum (Linnaeus, 1758)**

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Fig. 30. Specimen of of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection


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Fig. 31. Specimen of of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection

**Bombus muscorum** (Linnaeus, 1758)

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Fig. 32. Specimen of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection

**Collection Type:** Museum Collection / Specimen. **Count:** 1. **Event Date:** 2006-08-13. **Country:** Ukraine. **State Province:** Volynska. **District:** Ratnivskyi. **Municipality:** Mezhysyt. **Habitat:** meadow-pasture. **Georegion:** FZM: Volynske Polissia. **Leg:** Konovalova I. **Det:** Konovalova I. **Institution Code:** SMNH. **Remarks:** worker.

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**Bombus muscorum** (Linnaeus, 1758)

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Fig. 33. Specimen of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection

**Collection Type:** Museum Collection / Specimen. **Count:** 1. **Event Date:** 2006-07-20. **Country:** Ukraine. **State Province:** Lvivska. **District:** Yavorivskyi. **Municipality:** Ivano-Frankove. **Habitat:** lake dam. **Reserve:** NR Roztochchia. **Georegion:** FZB: ROP: Roztochchia. **Leg:** Konovalova I. **Det:** Konovalova I. **Institution Code:** SMNH. **Remarks:** worker.
**Bombus muscorum (Linnaeus, 1758)**

Inventory number: E2.20.22.01.03/33.R
Digital record number: SMNH002708
Data Centre “Biodiversity of Ukraine”: ID 8730

Fig. 34. Specimen of of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection


**Bombus muscorum (Linnaeus, 1758)**

Inventory number: E2.20.22.01.03/34.R
Digital record number: SMNH002709
Data Centre “Biodiversity of Ukraine”: ID 8731

Fig. 35. Specimen of of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection

**Bombus muscorum (Linnaeus, 1758)**

Inventory number: E2.20.22.01.03/35.R
Digital record number: SMNH002710
Data Centre “Biodiversity of Ukraine”: ID 8732

Fig. 36. Specimen of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection

**Bombus muscorum (Linnaeus, 1758)**

Inventory number: E2.20.22.01.03/36.R
Digital record number: SMNH002711
Data Centre “Biodiversity of Ukraine”: ID 8733

Fig. 37. Specimen of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection
**Bombus muscorum (Linnaeus, 1758)**

Inventory number: E2.20.22.01.03/37.R  
Digital record number: SMNH002712  
Data Centre “Biodiversity of Ukraine”: ID 8734

Fig. 38. Specimen of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection

**Collection Type**: Museum Collection / Specimen.  
**Count**: 1.  
**Event Date**: 2002-06-06.  
**Country**: Ukraine.  
**State Province**: Volynska.  
**District**: Liubeshivskyi.  
**Municipality**: Khotsun.  
**Habitat**: meadow.  
**Reserve**: NNP Prypiat-Stokhid.  
**Georegion**: FZM: Volynske Polissia.  
**Leg**: Holovachov O.  
**Det**: Konovalova I.  
**Institution Code**: SMNH.  
**Remarks**: worker.

**Bombus muscorum (Linnaeus, 1758)**

Inventory number: E2.20.22.01.03/38.R  
Digital record number: SMNH007317  
Data Centre “Biodiversity of Ukraine”: ID 56770

Fig. 39. Specimen of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection

**Collection Type**: Museum Collection / Specimen.  
**Count**: 1.  
**Event Date**: 2002-06-06.  
**Country**: Ukraine.  
**State Province**: Volynska.  
**District**: Liubeshivskyi.  
**Municipality**: Khotsun.  
**Habitat**: meadow.  
**Reserve**: NNP Prypiat-Stokhid.  
**Georegion**: FZM: Volynske Polissia.  
**Leg**: Holovachov O.  
**Det**: Konovalova I.  
**Institution Code**: SMNH.  
**Remarks**: worker.
Bombus muscorum (Linnaeus, 1758)

Inventory number: E2.20.22.01.03/39.R
Digital record number: SMNH007318
Data Centre “Biodiversity of Ukraine”: ID 56771

Fig. 40. Specimen of of Bombus muscorum (Linnaeus, 1758) in the SMNH collection


Bombus muscorum (Linnaeus, 1758)

Inventory number: E2.20.22.01.03/40.R
Digital record number: SMNH002987
Data Centre “Biodiversity of Ukraine”: ID 11587

Fig. 41. Specimen of of Bombus muscorum (Linnaeus, 1758) in the SMNH collection

**Bombus muscorum (Linnaeus, 1758)**

Inventory number: E2.20.22.01.03/41.R
Digital record number: SMNH002988
Data Centre “Biodiversity of Ukraine”: ID 11588

Fig. 42. Specimen of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection


**Bombus muscorum (Linnaeus, 1758)**

Inventory number: E2.20.22.01.03/42.R
Digital record number: SMNH002989
Data Centre “Biodiversity of Ukraine”: ID 11589

Fig. 43. Specimen of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection

**Bombus muscorum** (Linnaeus, 1758)

Inventory number: E2.20.22.01.03/43.R
Digital record number: SMNH002991
Data Centre “Biodiversity of Ukraine”: ID 11591

Fig. 44. Specimen of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection


**Bombus muscorum** (Linnaeus, 1758)

Inventory number: E2.20.22.01.03/44.R
Digital record number: SMNH007319
Data Centre “Biodiversity of Ukraine”: ID 56829

Fig. 45. Specimen of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection

**Bombus muscorum** (Linnaeus, 1758)

Inventory number: E2.20.22.01.03/45.R
Digital record number: SMNH002992
Data Centre “Biodiversity of Ukraine”: ID 11593

Fig. 46. Specimen of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection


**Bombus muscorum** (Linnaeus, 1758)

Inventory number: E2.20.22.01.03/46.R
Digital record number: SMNH002994
Data Centre “Biodiversity of Ukraine”: ID 11595

Fig. 47. Specimen of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection

**Bombus muscorum** (Linnaeus, 1758)

Inventory number: E2.20.22.01.03/47.R
Digital record number: SMNH002995
Data Centre “Biodiversity of Ukraine”: ID 11596

![Specimen of Bombus muscorum](image1)


**Bombus muscorum** (Linnaeus, 1758)

Inventory number: E2.20.22.01.03/48.R
Digital record number: SMNH002996
Data Centre “Biodiversity of Ukraine”: ID 11597

![Specimen of Bombus muscorum](image2)


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**Bombus muscorum** (Linnaeus, 1758)

Inventory number: E2.20.22.01.03/49.R  
Digital record number: SMNH007310  
Data Centre “Biodiversity of Ukraine”: ID 56086

Fig. 50. Specimen of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection

*Collection Type*: Museum Collection / Specimen.  
*Count*: 1.  
*Country*: France.  
*Locality*: urban green zone.  
*Leg*: Rizun V.  
*Det*: Konovalova I.  
*Institution Code*: SMNH.  
*Remarks*: male.

**Bombus muscorum** (Linnaeus, 1758)

Inventory number: E2.20.22.01.03/50.R  
Digital record number: SMNH002990  
Data Centre “Biodiversity of Ukraine”: ID 11590

Fig. 51. Specimen of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection

*Collection Type*: Museum Collection / Specimen.  
*Count*: 1.  
*Event Date*: 2006-08-01.  
*Country*: Ukraine.  
*State Province*: Volynska.  
*District*: Liubeshivskyi.  
*Municipality*: Svalovychi.  
*Habitat*: water meadow.  
*Reserve*: NNP Prypiat-Stokhid.  
*Georegion*: FZM: Volynske Polissia.  
*Leg*: Konovalova I.  
*Det*: Konovalova I.  
*Institution Code*: SMNH.  
*Remarks*: male.
**Bombus muscorum** (Linnaeus, 1758)

Inventory number: E2.22.01.03/51.R
Digital record number: SMNH02993
Data Centre “Biodiversity of Ukraine”: ID 11594

Fig. 52. Specimen of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection


**Bombus muscorum** (Linnaeus, 1758)

Inventory number: E2.22.01.03/52.R
Digital record number: SMNH02997
Data Centre “Biodiversity of Ukraine”: ID 11724

Fig. 53. Specimen of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection

**Bombus muscorum** (Linnaeus, 1758)

Inventory number: E2.20.22.01.03/53.R
Digital record number: SMNH007320
Data Centre “Biodiversity of Ukraine”: ID 56830

Fig. 54. Specimen of **Bombus muscorum** (Linnaeus, 1758) in the SMNH collection


**Bombus muscorum** (Linnaeus, 1758)

Inventory number: E2.20.22.01.03/54.R
Digital record number: SMNH007321
Data Centre “Biodiversity of Ukraine”: ID 56831

Fig. 55. Specimen of **Bombus muscorum** (Linnaeus, 1758) in the SMNH collection

**Bombus muscorum** (Linnaeus, 1758)

Inventory number: E2.20.22.01.03/55.R
Digital record number: SMNH007323
Data Centre “Biodiversity of Ukraine”: ID 56832

![Specimen of Bombus muscorum (Linnaeus, 1758)](image1)

**Collection Type:** Museum Collection / Specimen. **Count:** 1. **Event Date:** 2006-08-05. **Country:** Ukraine. **State Province:** Volynska. **District:** Liubeshivskyi. **Municipality:** Svalovychi. **Locality:** Prypiat River, bank. **Habitat:** water meadow. **Reserve:** NNP Prypiat-Stokhid. **Georegion:** FZM: Volynske Polissia. **Leg:** Konovalova I. **Det:** Konovalova I.

**Institution Code:** SMNH. **Remarks:** male.

Fig. 56. Specimen of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection

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**Bombus muscorum** (Linnaeus, 1758)

Inventory number: E2.20.22.01.03/56.R
Digital record number: SMNH007323
Data Centre “Biodiversity of Ukraine”: ID 56833

![Specimen of Bombus muscorum (Linnaeus, 1758)](image2)

**Collection Type:** Museum Collection / Specimen. **Count:** 1. **Event Date:** 2006-08-05. **Country:** Ukraine. **State Province:** Volynska. **District:** Liubeshivskyi. **Municipality:** Svalovychi. **Locality:** Prypiat River, bank. **Habitat:** water meadow. **Reserve:** NNP Prypiat-Stokhid. **Georegion:** FZM: Volynske Polissia. **Leg:** Konovalova I. **Det:** Konovalova I.

**Institution Code:** SMNH. **Remarks:** male.

Fig. 57. Specimen of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection
**Bombus muscorum** (Linnaeus, 1758)

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Fig. 58. Specimen of *Bombus muscorum* (Linnaeus, 1758) in the SMNH collection

*Collection Type*: Museum Collection / Specimen.  
*Count*: 1.  
*Event Date*: 2006-08-05.  
*Country*: Ukraine.  
*State Province*: Volynska.  
*District*: Liubeshivskyi.  
*Municipality*: Svalovychi.  
*Locality*: Prypiat River, bank.  
*Habitat*: water meadow.  
*Reserve*: NNP Prypiat-Stokhid.  
*Georegion*: FZM: Volynske Polissia.  
*Leg*: Konovalova I.  
*Det*: Konovalova I.  
*Institution Code*: SMNH.  
*Remarks*: male.
LIST OF ABBREVIATIONS

PREFACE

Savytska A. Catalogue of specimens of genus Bazzania Gray (Lepidoziaceae, Jungermanniales) deposited in the State Museum of Natural History NASU, Lviv, Ukraine

Kuzyarin O. Catalogue of specimens of Asplenium viride Huds. (Aspleniaceae, Polypodiopsida, Polypodiophyta) deposited in the State Museum of Natural History NASU, Lviv, Ukraine

Hushtan K. Catalogue of specimens of genus Leucorrhinia Brittinger, 1850 (Insecta, Odonata) deposited in the State Museum of Natural History NASU, Lviv, Ukraine

Rizun V., Diedus V. Catalogue of specimens of Rhysodes sulcatus (Fabricius, 1787) (Coleoptera, Carabidae) deposited in the State Museum of Natural History NASU, Lviv, Ukraine

Rizun V. Catalogue of specimens of Odacantha melanura (Linnaeus, 1767) (Coleoptera, Carabidae) deposited in the State Museum of Natural History NASU, Lviv, Ukraine

Diedus V. Catalogue of minute tree-fungus beetle specimens (Coleoptera, Ciidae) deposited in the State Museum of Natural History NASU, Lviv, Ukraine

Yanytsky T. Catalogue of specimens of genus Habroloma Thomson, 1864 (Coleoptera, Buprestidae) deposited in the State Museum of Natural History NASU, Lviv, Ukraine

Serediuk H. Catalogue of brown lacewings specimens (Neuroptera, Hemerobiidae, Wesmaelius) deposited in the State Museum of Natural History NASU, Lviv, Ukraine

Konovalova I. Catalogue of specimens of Bombus muscorum (Linnaeus, 1758) (Hymenoptera, Apidae) deposited in the State Museum of Natural History NASU, Lviv, Ukraine

Bokotey A., Savytska A., Rizun V. Catalogue of specimens of Felidae family (Mammalia, Carnivora) specimens deposited in the State Museum of Natural History NASU, Lviv, Ukraine

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