



# Islandora for Data in the Arts and Humanities

Islandora at Masaryk University, Czech Republic

Vlastimil Krejčíř, Alžbeta Strakošová, Jan Adler, Illyria Brejchová

# Islandora Overview

- **Islandora** is a system for storing and providing digital data
- Islandora architecture (the main components):
  - **Drupal** as a frontend: data modeling, metadata storage
  - **Fedora** as a backend: data storage, metadata storage
  - SOLR search engine
  - ActiveMQ, Blazegraph, ...
- *SW developer view*: Islandora is a preconfigured Drupal connected to Fedora
  - Via an universal Drupal Flysystem connector

# Islandora and Fedora

- Islandora is shipped with **Repository Item**
  - Predefined metadata fields (title, object type, author, identifier, date created etc.)
  - Files (data)
  - (*Technicaly it is Drupal's Content Type*)
- Files in Repository Item is stored in Fedora
- Repository Item metadata are mapped to Fedora
  - So the metadata is stored both in Drupal and Fedora
  - This mapping is a part of Islandora installation

# Why Islandora/Drupal: configurability

- Repository Item is ready, but if it does not fit, one can easily create **custom data model/types and views over them:**
  - Digital object with a different metadata fields, taxonomies etc. (e.g. Book, Song, etc.)
  - References/relationships between various digital objects (e.g. Book <-> Author)
- Everything can be done via UI in Drupal, or externally in YAML and imported into Drupal
- Once created: forms are ready, revisions, default views etc.

# Customizations: pros and cons

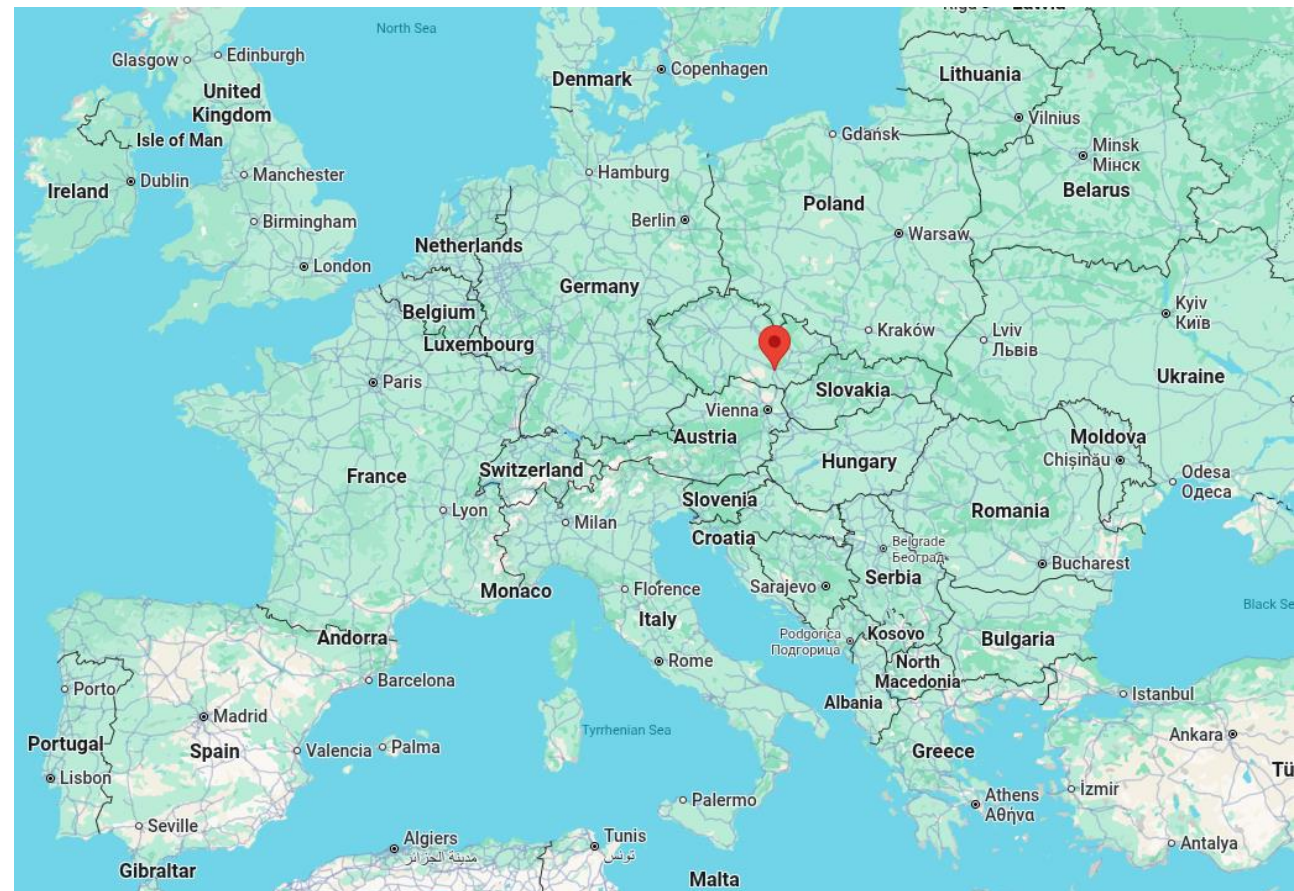
- Data files are not affected and go to Fedora as usual
- Metadata mapping to Fedora must be done
  - Not an easy task because custom data objects/types can be complex
  - Metadata curator/expert needed
- Fedora is good for LTP and RDF => we want this!

## Who We Are

Masaryk University is the second biggest university  
in the Czech Republic

Founded 1919

Located in Brno, second largest city in Czech  
Republic, EU



# Digitalia MUNI ARTS

- Digitalia MUNI ARTS is a research infrastructure
- Support digital research in the humanities and arts at the Faculty of Arts of Masaryk University
- Aims to store, preserve, publish, enrich, process & re-use research data

<https://digitalia.phil.muni.cz/en/>



Member of LINDAT/CLARIAH-CZ

# Motivation and Goals

- The research data at the faculty have been very often stored in an inappropriate way => not FAIR && not LTP
  - Unmaintained ad hoc web pages and database systems
  - Local disks and flash cards
- Provide **sustainable and unified environment** where the researchers can store their research data
- Provide **virtual research environment** – to let researchers to work with their data and to share them

# Our Team



**Michal Lorenz PhD**  
head of the project



**Marta Kopáčková**  
project manager

## *Data Curators*



Josef Schwarz



Natálie Čornjová

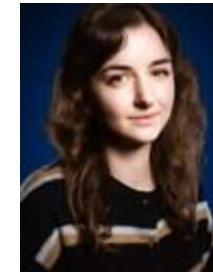
## *Developers*



Illyria Brejchová



Vlastimil Krejčíř



Alžbeta Strakošová

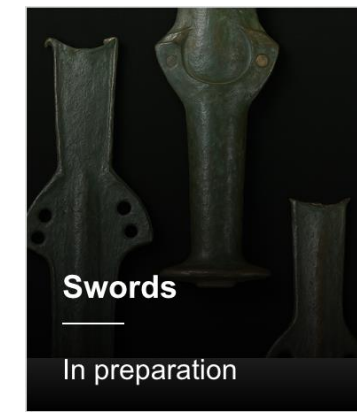
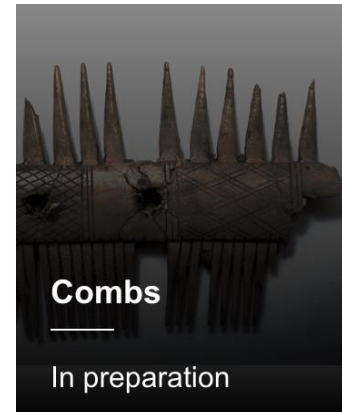
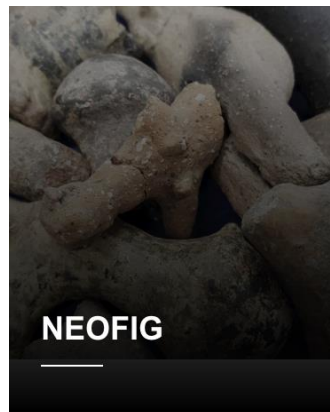
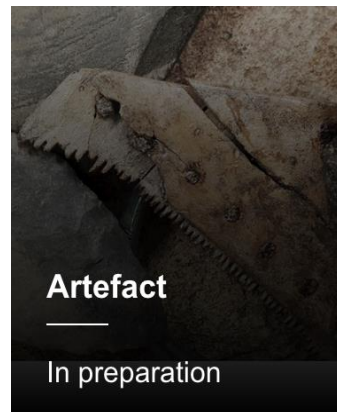
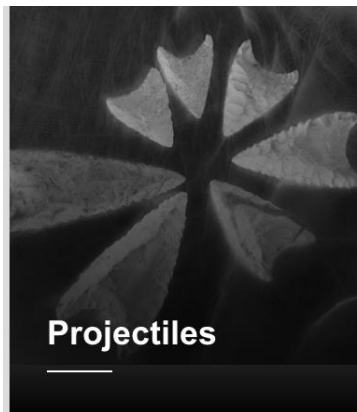
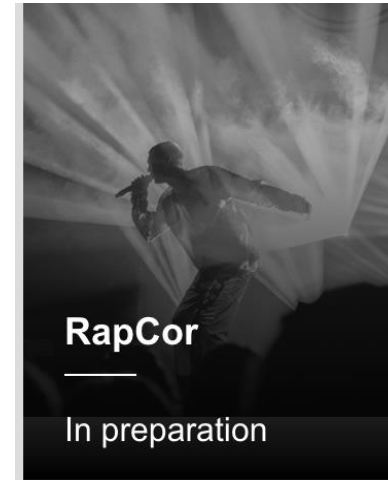
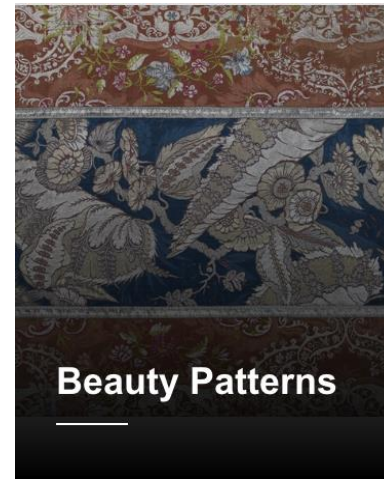
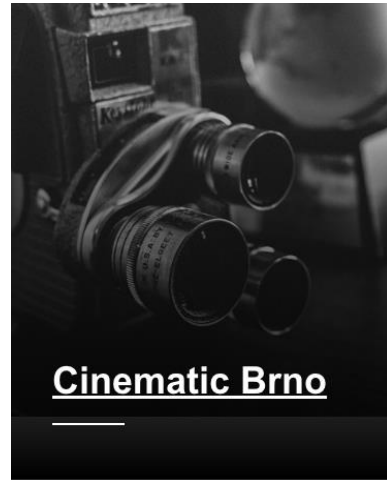
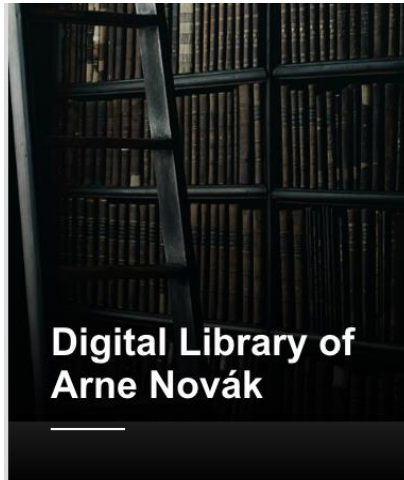


Jan Adler

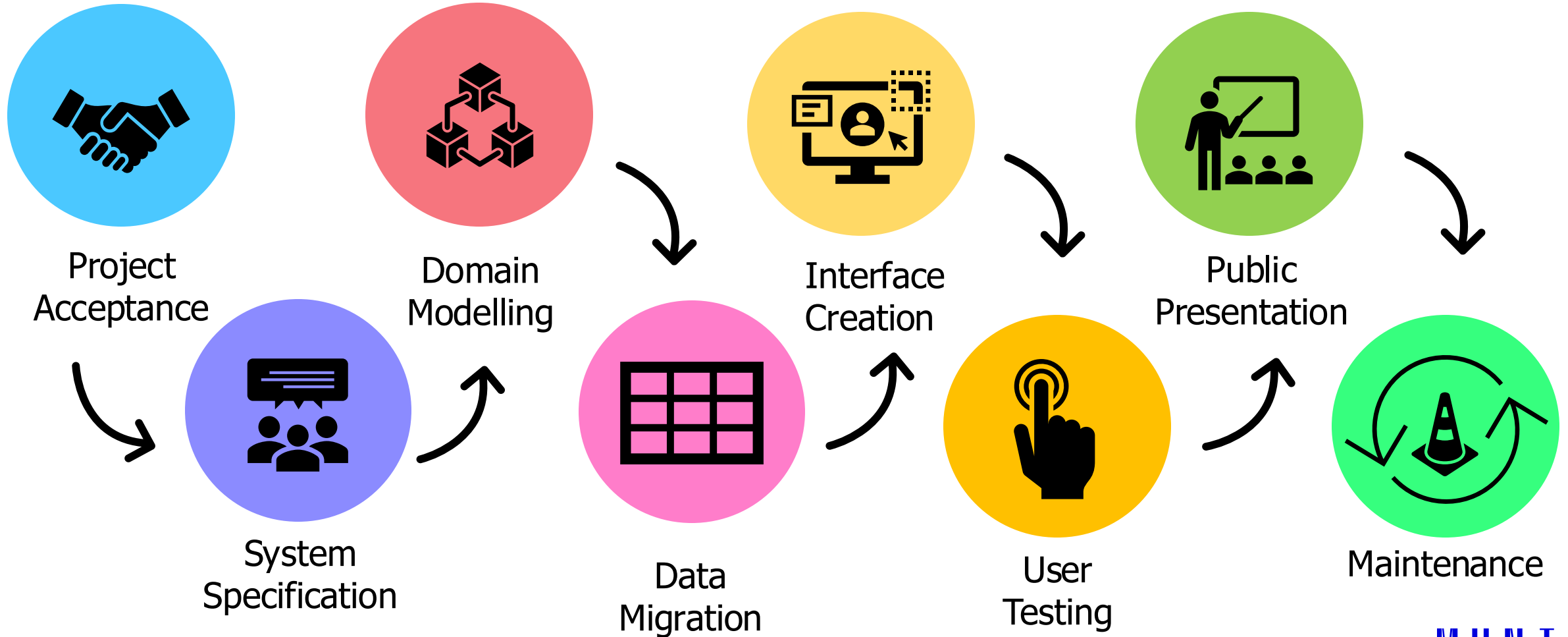
# Quick Overview of our Data

- Publications (journals, monographs, proceedings)
- Archeological artefacts
- Linguistics data
- Maps and history related materials
- Textile patterns
- Encyclopedia
- Archival materials
- ...

# Our Platforms



# Platform creation workflow



# How We Use Islandora

- **Custom Content types**, often very complex
- As little custom code as possible
- Config and custom modules versioned on GitHub
  - <https://github.com/ArtsFacultyMU> (digitalia-\* repos)
- Dublin Core OAI-PMH
- We assign handles (Handles.net), DOIs in progress (DataCite)

# Technical Background

- Proxmox as a virtualization platform
- Ubuntu 22, Ansible driven
- Islandora installed via Ansible

## Future plans:

- migration to ISLE (Dockerized Islandora) and **Kubernetes**
- **Fedora storage to S3**

# Digital Library of the Faculty of Arts



## Digital Library of the Faculty of Arts

Full texts for the faculty journals, proceedings and monographs since 1923 till nowadays

30548 articles

799 monographies

54 journals

The Digital Library of the Faculty of Arts, Masaryk University (DL FF MU) provides access to the results of academic research in the form of journals, proceedings and monographs. Most of the documents are freely available in full text and can be viewed and searched according to various criteria. The full texts can be further used in accordance with the licences. The content and structure of the database is described in more detail in the [About](#) and [Help](#) sections. Any comments and opinions on the DL FF MU [are welcome](#).

### Copyright

Digital Library of Faculty of Arts, Masaryk University [dataset], authored and created by Masaryk University, can be used in accordance with the Creative Commons BY 4.0.



### How to cite platform

If you have used this platform for your work, please cite it. By citing the platform, you not only acknowledge its creators, but also allow us to track the usage of the platform, which is essential data for us to further develop the Digitalia MUNI ARTS infrastructure and its funding. Thank you.

The recommended form of citation, according to the Harvard format, if you are citing the database as a whole (e.g., in acknowledgements):

Digital Library of Faculty of Arts, Masaryk University 2025, online database, Digitalia MUNI ARTS, Faculty of Arts, Masaryk University, viewed 2025-10-20, <https://digilib.phil.muni.cz/en/>

- Mostly publications
  - Everything that has ever been published by the faculty
- 36k digital objects
- Integration with OJS
- Citations generator in usual citation styles

<https://digilib.phil.muni.cz/>

## Religio

Search in this title

**ISSN:** 1210-3640 (print)  
2336-4475 (online)

**Variant title:** Religio : a journal for the study of religions  
Religio : revue pro religionistiku (do r. 2024)

**Publisher:** Česká společnost pro religionistiku = Czech Association for the Study of Religions (2007- )  
Česká společnost pro studium náboženství (1993-2006)

**Published:** 1993-present

**Stable URL (handle):** <https://hdl.handle.net/11222.digilib/124610>

**Website:** <https://journals.phil.muni.cz/religio>

**Department FF MU:** [Department for the Study of Religions](#)

**Topic:** [Study of Religions](#)

### Description:

Religio: a journal for the study of religions je mezinárodní recenzovaný odborný časopis zaměřený na religionistiku. Je nejstarším religionistickým periodikem v ČR. Časopis vydává dvakrát ročně Česká společnost pro religionistiku ve spolupráci s Ústavem religionistiku na Filozofické fakultě Masarykovy univerzity.

Religio: a journal for the study of religions is an international peer-reviewed scholarly journal for the study of religions published twice a year by the Czech Association for the Study of Religions in association with the Department for the Study of Religions at the Faculty of Arts, Masaryk University. Since its foundation in 1993, Religio has established itself as an important forum in the academic study of religions.

### Volumes, Issues

Newest first  Oldest first

2025	(Volume 33)	<a href="#">1</a>	2008	(Volume 16)	<a href="#">1 2</a>
2024	(Volume 32)	<a href="#">1 2</a>	2007	(Volume 15)	<a href="#">1 2</a>
2023	(Volume 31)	<a href="#">1 2</a>	2006	(Volume 14)	<a href="#">1 2</a>
2022	(Volume 30)	<a href="#">1 2</a>	2005	(Volume 13)	<a href="#">1 2</a>
2021	(Volume 29)	<a href="#">1 2</a>	2004	(Volume 12)	<a href="#">1 2</a>
2020	(Volume 28)	<a href="#">1 2</a>	2003	(Volume 11)	<a href="#">1 2</a>
2019	(Volume 27)	<a href="#">1 2</a>	2002	(Volume 10)	<a href="#">1 2</a>
2018	(Volume 26)	<a href="#">1 2</a>	2001	(Volume 9)	<a href="#">1 2</a>
2017	(Volume 25)	<a href="#">1 2</a>	2000	(Volume 8)	<a href="#">1 2</a>
2016	(Volume 24)	<a href="#">1 2</a>	1999	(Volume 7)	<a href="#">1 2</a>
2015	(Volume 23)	<a href="#">1 2</a>	1998	(Volume 6)	<a href="#">1 2</a>
2014	(Volume 22)	<a href="#">1 2</a>	1997	(Volume 5)	<a href="#">1 2</a>
2013	(Volume 21)	<a href="#">1 2</a>	1996	(Volume 4)	<a href="#">1 2</a>
2012	(Volume 20)	<a href="#">1 2</a>	1995	(Volume 3)	<a href="#">1 2</a>



## Interdisciplinarity as an ideal, crucial substrate for complex and original philological scientific research : (the versatile V. I. Dal and his supreme philological works)

**Author:** [Heiser, František](#)

**Source document:** *Linguistica Brunensia*. 2022, vol. 70, iss. 2, pp. 69-77

**Extent:** 69-77

**ISSN:** 1803-7410 (print)  
2336-4440 (online)

**Persistent identifier (DOI):** <https://doi.org/10.5817/LB2022-2-5>

**Stable URL (handle):** <https://hdl.handle.net/11222.digilib/digilib.76876>

**Type:** Article

**Language:** English

**License:** [CC BY-NC-ND 4.0 International](#)

PDF

[217.63 KB]

| [Feedback](#)

F. Heiser, "Interdisciplinarity as an ideal, crucial substrate for complex and original philological scientific research: (the versatile V. I. Dal and his supreme philological works)", *Linguistica Brunensia*, vol. 70, no. 2, 2022, Accessed: Oct. 20, 2025. [Online]. Available: <https://hdl.handle.net/11222.digilib/digilib.76876>

IEEE

Notice: These citations are automatically created and might not follow citation rules properly.

### Abstract(s):

The present scientific paper deals with the work of the unmissable Russian linguist, brilliant ethnographer and lexicographer, tireless collector of folklore material and at the same time an important writer of the middle of the 19th century – Vladimir Ivanovich Dal, whose 220th anniversary of birth we are commemorating this year. The actual legacy of his culminating, monumental lexicographical work, on which he worked for 53 years, the extensive and, from the point of view of linguistic diachrony and synchrony, Explanatory Dictionary of the Living Great Russian Language, forms the basis of this paper. In it we also find another of Dal's excellent, original and fascinating works – Proverbs of the Russian People. In the present paper we can also get acquainted with V. I. Dal's lively contacts with A. S. Pushkin, V. A. Zhukovsky and other prominent personalities of the time, as V. I. Dal was not only a philologist, but also a renowned physician, a sailor, the founder of the Russian Geographical Society, a prominent ministerial official, the author of textbooks on zoology, botany, physics, logic, and so on. The present article further acquaints us with the reactions of prominent linguists and other personalities of Russian spiritual life to the work of V. I. Dal, among whom we include, for example, Jan Baudouin de Courtenay, Ferdinand de Saussure, M. P. Pogodin, V. G. Belinsky, Andrei Belov, Vladimir Nabokov, Mikhail Sholokhov, Sergei A. Yesenin, A. I. Solzhenitsyn and others.

### Keywords:

[Russian language](#); [Russian literature](#); [Russian fairy tales](#); [folklore](#); [ethnography](#); [Explanatory dictionary](#); [legends](#); [features](#); [clauses](#); [proverbs](#); [sayings](#); [stories](#); [short stories](#); [riddles](#); [superstitions](#); [funny stories](#)

### References

[1] Anisimov, Evgenii V. 2018. *Istoriia Rossii ot Riurika do Putina. Liudi, sobytiia, daty*. Sankt Peterburg: Izdatel'stvo Piter. 624 p. 4-izdanije.

# Authority Management

- Same person, different name used in articles (different spelling, transliteration, married name etc.)
- We want the metadata to match the actual text in the PDF
- We have custom module for Drupal to handle this

## **Badania inności w literaturze**

Oksana Blashkiv (Siedlce)

## **Súčasná biografistika: Roman Jakobson a Dmytro Čyževskyj cez prizmu akademických a osobných vzťahov**

Oxana Blaškiv (Siedlce)

# Coming Soon: RapCor

MUNI Digitalia  
ARTS RapCor

French  
Czech

Home Browse ▾ Search ▾

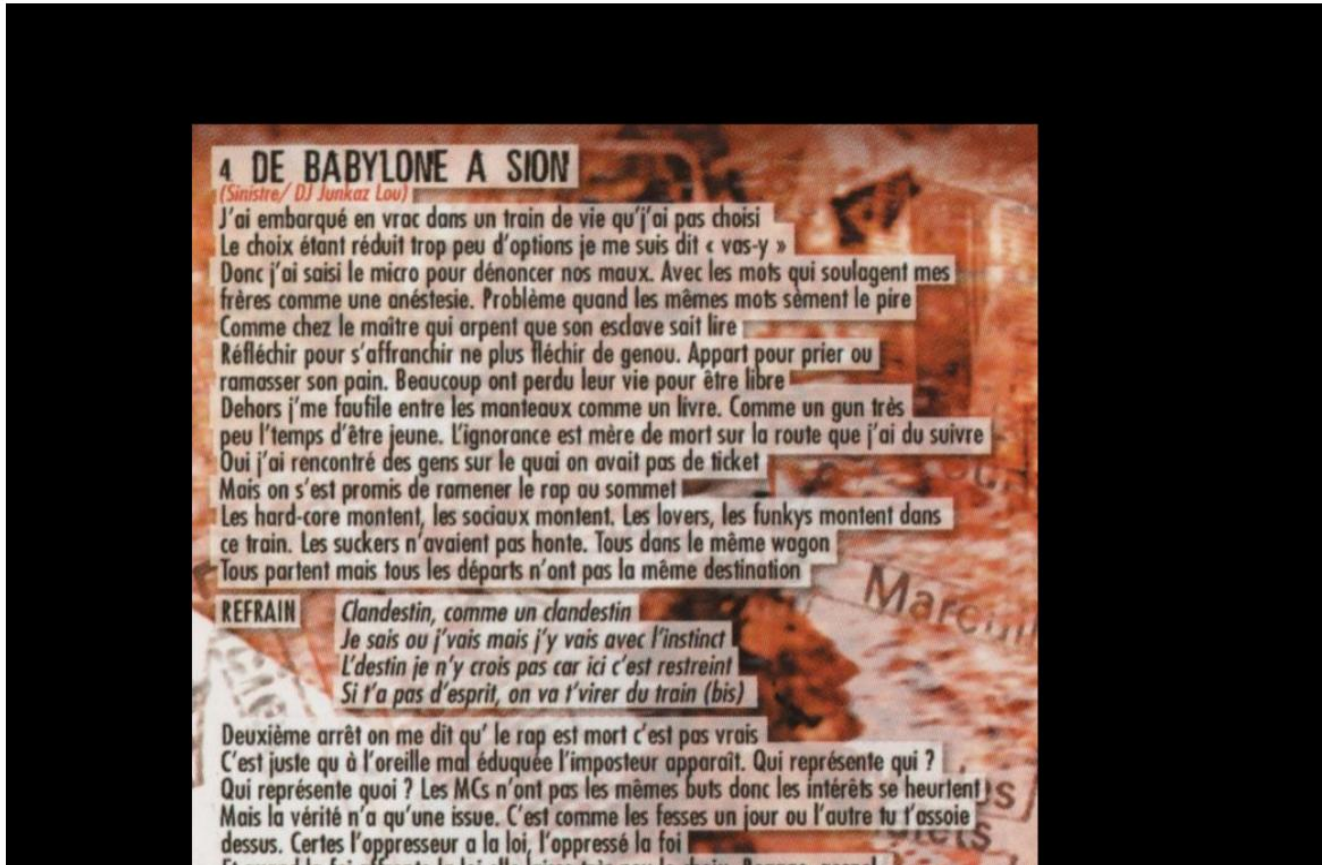
News Help Contact Digitalia

## Homepage



- French language corpus (spoken French in rap songs)
- Audio and image files
- Working with text in multi-step workflows

# RapCor Customized Edit Forms



## Text (plain)

**B** *I* U | A v | ↶ ↷ | @ | := ½= v | “ ” | 🖼️ | 📄 Sourc

J'ai embarqué en vrac dans un train de vie qu'i'ai pas choisi

Le choix étant réduit trop peu d'options je me suis dit « vas-y »

Donc j'ai saisi le micro pour dénoncer nos maux. Avec les mots qui soulagent mes

frères comme une anesthésie. Problème quand les mêmes mots sèment le pire

Comme chez le maître qui arpent que son esclave sait lire

Réfléchir pour s'affranchir ne plus fléchir de genou. Appart pour prier ou

ramasser son pain. Beaucoup ont perdu leur vie pour être libre

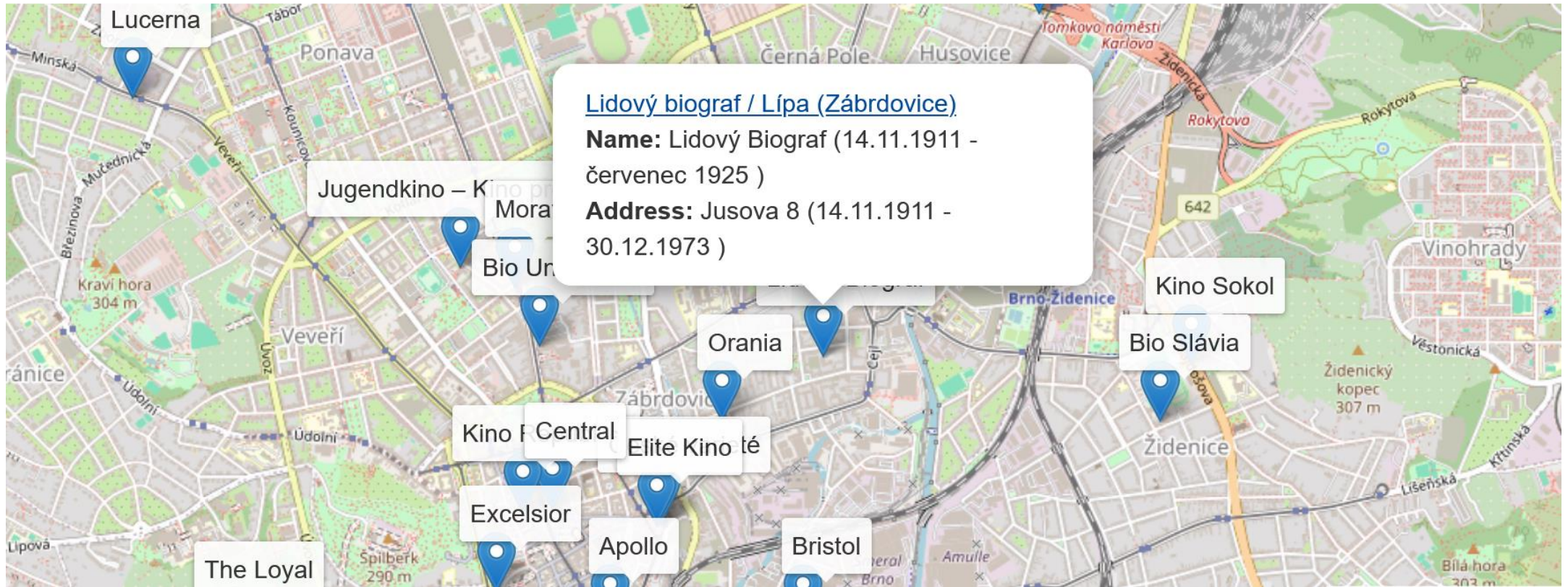
Dehors j'me faufile entre les manteaux comme un livre. Comme un gun très



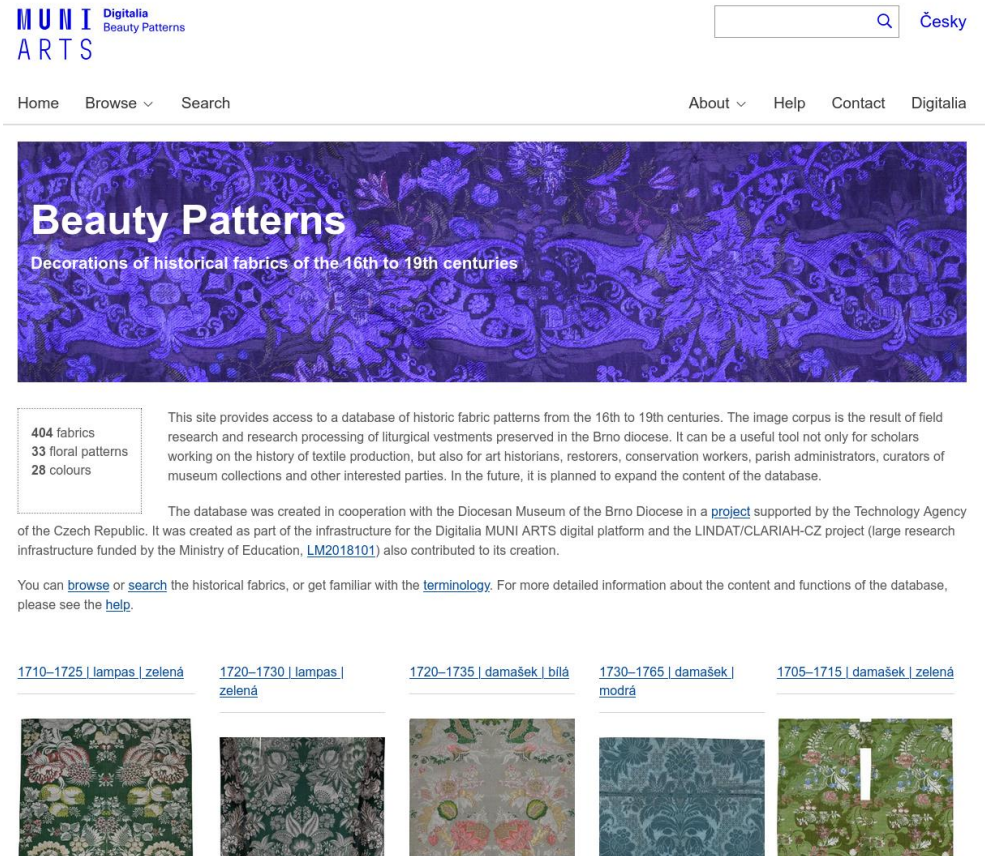
# Cinematic Brno

Year

1922



# Beauty Patterns



The screenshot shows the homepage of the Beauty Patterns website. At the top left is the logo 'MUNI ARTS Digitalia Beauty Patterns'. To the right is a search bar with a magnifying glass icon and the text 'Česky'. Below the logo is a navigation menu with 'Home', 'Browse', and 'Search'. To the right of the menu are 'About', 'Help', 'Contact', and 'Digitalia'. The main banner features a large, intricate floral pattern in shades of purple and blue, with the text 'Beauty Patterns' and 'Decorations of historical fabrics of the 16th to 19th centuries'. Below the banner is a statistics box: '404 fabrics', '33 floral patterns', and '28 colours'. A paragraph of text describes the database's origin and purpose. Below that is another paragraph about the project's funding and support. At the bottom, there are five small thumbnail images of different fabric patterns, each with a caption: '1710–1725 | lampas | zelená', '1720–1730 | lampas | zelená', '1720–1735 | damašek | bílá', '1730–1765 | damašek | modrá', and '1705–1715 | damašek | zelená'.

MUNI ARTS Digitalia Beauty Patterns

Home Browse Search About Help Contact Digitalia

## Beauty Patterns

Decorations of historical fabrics of the 16th to 19th centuries

404 fabrics  
33 floral patterns  
28 colours

This site provides access to a database of historic fabric patterns from the 16th to 19th centuries. The image corpus is the result of field research and research processing of liturgical vestments preserved in the Brno diocese. It can be a useful tool not only for scholars working on the history of textile production, but also for art historians, restorers, conservation workers, parish administrators, curators of museum collections and other interested parties. In the future, it is planned to expand the content of the database.




The database was created in cooperation with the Diocesan Museum of the Brno Diocese in a [project](#) supported by the Technology Agency of the Czech Republic. It was created as part of the infrastructure for the Digitalia MUNI ARTS digital platform and the LINDAT/CLARIAH-CZ project (large research infrastructure funded by the Ministry of Education, [LM2018101](#)) also contributed to its creation.

You can [browse](#) or [search](#) the historical fabrics, or get familiar with the [terminology](#). For more detailed information about the content and functions of the database, please see the [help](#).

1710–1725 | lampas | zelená  
1720–1730 | lampas | zelená  
1720–1735 | damašek | bílá  
1730–1765 | damašek | modrá  
1705–1715 | damašek | zelená

- Patterns on a medieval and postmedieval textiles
- Hires images
- Comparison feature

<https://www.beauty-patterns.org/>

	Zlatý samet s dvojicí bojujících kohoutů	Černý samet s exotickými květy	Černý lampas s exotickou květenou a granátovými jablky
Remove from the list	<a href="#">Remove from the comparison</a>	<a href="#">Remove from the comparison</a>	<a href="#">Remove from the comparison</a>
Image			
Download links	<a href="#">(tif)</a>	<a href="#">(tif)</a>	<a href="#">(tif)</a>
Catalogue number	116	223	039
Time period	1600–1630	1600–1650	1600–1650
Style period	renesance	renesance	renesance
Object type	<a href="#">liturgické oděvy</a>	<a href="#">liturgické oděvy</a>	<a href="#">liturgické textilie</a> <a href="#">liturgické oděvy</a>
Textile type	<a href="#">baldachýn</a>	<a href="#">kasule</a>	<a href="#">kasule</a> <a href="#">kalichové velum</a>
Usage method	Baldachýn: Podhledová část stříhu; tkanina je kombinována s textilií kat. č. 115	Kasule: Pohledové části stříhu lemující pektorální a dorsální stípes; tkanina je kombinována s textilií kat. č. 224	Kasule: Plochy stříhu lemující pektorální a dorsální stípes; tkanina je kombinována s látkou, která není pro svou nízkou cenu součástí databáze. Kalichové velum: Veškeré pohledové plochy stříhu.
Relation	<a href="#">Stříbrný samet s lvicí lovící malého daňka</a>	<a href="#">Světle krémový damašek s exotickou květenou a krajkou</a>	
Pattern type	<a href="#">Orientální vzory</a>	<a href="#">Zašpičaté oválný vzor (1700-1730)</a>	<a href="#">Textilní vzory 17. století</a>
Pattern subject	<a href="#">živočišný</a> <a href="#">florální</a>	<a href="#">florální</a>	<a href="#">geometrický</a> <a href="#">florální</a>
Floral patterns	<a href="#">exotická květena</a>	<a href="#">ananas</a> <a href="#">bodlák</a>	<a href="#">granátové jablko</a> <a href="#">exotická květena</a>

[Module link](#)

MUNI  
ARTS

# Projectiles

**MUNI ARTS** Digitalia Projectiles

Search

Home Cultures Sites Graves/Features Arrowheads Wristguards About Help Contact

## Projectiles

A factographic database presenting Late Eneolithic and Early Bronze Age projectiles from selected Czech and Slovak sites

This online database was created in order to present in full the research data of the project "Archer's role in vertical stratification processes of Central European societies at the onset of the Bronze Age. Use wear, ballistics, operations." These results are based on the financial support of The Czech Science Foundation (GAČR) under [Grant No. 17-11425S](#). Each lithic projectile included in our analyses and papers is presented in the form of macrophotos, microphotos of use wear traces and 3D models. The goal of this online database is to open our data for further lithic projectile research across the world.

**Copyright**  
The Lithic Projectiles [dataset], authored and created by Masaryk University, can be used in accordance with the Creative Commons license terms: Indicate origin-Do not use the work commercially-Retain license 4.0 International ([CC BY-NC-SA 4.0](#)).

**How to cite the database:**

The recommended form of citation, according to the Harvard format, if you are citing the database as a whole (e.g., in acknowledgements):

- Kaňáková, L - Nosek, V 2021, Lithic Projectiles, online database, Digitalia MUNI ARTS, Faculty of Arts, Masaryk University, viewed 20 October 2025, <https://projectiles.phil.muni.cz/>.

- Archaeological artifacts: arrowheads and wristguards
- Images and 3D models
- Browse by: culture, site, grave
- Rich facets
- Rich metadata: chemical and physical analyses

<https://projectiles.phil.muni.cz/>

### Culture

- [Nitra culture \(307\)](#)
- [Bell beaker culture \(76\)](#)
- [Proto-Únětice culture \(28\)](#)
- [Únětice culture \(19\)](#)
- [Maďarovce culture \(5\)](#)
- [Corded-ware culture \(2\)](#)

### Site

- [Holešov - Zdražilovsko \(154\)](#)
- [Ludanice - Mýtná Nová Ves \(SR\) \(136\)](#)
- [Hoštice I - Za Hanou \(33\)](#)
- [Hosty \(33\)](#)
- [Moravská Nová Ves - Hrušky \(23\)](#)
- [Hroznová Lhota - Přední čtvrtky od Žabince \(16\)](#)
- [Spišský Štvrtok - Myšia horka \(13\)](#)
- [Hulín - Pravčice 2 \(12\)](#)
- [Hulín 1 - U Isidorka \(8\)](#)
- [Nitra - Čermáň \(SR\) \(7\)](#)

[Show more](#)

## Graves/Features

[Nitra - Čermáň \(SR\) » CER\\_Grave\\_13](#)  
[Nitra - Čermáň \(SR\) » CER\\_Grave\\_41](#)  
[Blučina - Cezavy » CEZ\\_Feature\\_1B \(141508\)](#)  
[Blučina - Cezavy » CEZ\\_Feature\\_48 \(1938\)](#)  
[Blučina - Cezavy » CEZ\\_Feature\\_56B \(4279\)](#)  
[Blučina - Cezavy » CEZ\\_Feature\\_K2 \(166789\)](#)  
[Hoštice IV - Sečné louky » HO4\\_Feature\\_563](#)  
[Hostěradice Ia » HOE\\_Survey](#)  
[Holešov - Zdražilovsko » HOL\\_Grave\\_017](#)  
[Holešov - Zdražilovsko » HOL\\_Grave\\_046](#)  
[Holešov - Zdražilovsko » HOL\\_Grave\\_047](#)  
[Holešov - Zdražilovsko » HOL\\_Grave\\_050](#)  
[Holešov - Zdražilovsko » HOL\\_Grave\\_059](#)  
[Holešov - Zdražilovsko » HOL\\_Grave\\_067](#)  
[Holešov - Zdražilovsko » HOL\\_Grave\\_076](#)  
[Holešov - Zdražilovsko » HOL\\_Grave\\_083](#)  
[Holešov - Zdražilovsko » HOL\\_Grave\\_084](#)  
[Holešov - Zdražilovsko » HOL\\_Grave\\_085](#)  
[Holešov - Zdražilovsko » HOL\\_Grave\\_086](#)  
[Holešov - Zdražilovsko » HOL\\_Grave\\_102](#)  
[Holešov - Zdražilovsko » HOL\\_Grave\\_108](#)  
[Holešov - Zdražilovsko » HOL\\_Grave\\_129](#)

[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) ... [»](#) [Last »](#)

► Biblatex

► Harvard citation style

**Author of research data:** [Ludmila Kaňáková](#)

**Author of 3D models:** [Vojtěch Nosek](#)

**Rights:** [CC BY-NC-SA 4.0](#)

**Grave/Feature:** [HOL\\_Grave\\_047](#)

**Site:** [Holešov - Zdražilovsko](#)

**Culture:** [Nitra culture](#)

**Period:** Early Bronze Age

**Localisation:** behind the pelvis, tip obliquely to the body

**Localisation sector:** [1](#)

**Raw material:** [erratic flint](#)

**Quality:** [fine](#)

**Damage:** [no](#)

**Alteration:** [no, residues of the older surface on the ventral](#)

**Retouch:** D plain, V circumferential

**Tip fracture:** [no](#)

**Weight:** 0.50 g

**ToCSA:** 31.11 mm<sup>2</sup>

**ToCSP:** 27.25 mm

**Ballistic profile:** [MMA](#)

**2D asymmetry (smaller barb):** [no](#)

**Cross-section A asymmetry:** [A](#)

**Cross-section B asymmetry:** [A](#)

**Longitudinal profile:** [straight, barbs in opposition](#)

**Serration:** [yes](#)

**Base curve:** [concave](#)

**Blank orientation (blank axis):** [N/A](#)

**Quiver transport - tip rounding:** [yes](#)

**Quiver transport - bright spots:** [no](#)

**Quiver transport - lateral rounding (and striations):** [yes](#)

**General lateral wear:** [light](#)

**Reparation features:** [no](#)

**Glue residues:** [no](#)

**Total length:** 18.73 mm

**Functional length:** 11.52 mm

**Total width:** 15.47 mm

**Functional width:** 7.80 mm

**3D model:**

[HOL\\_G47\\_47.mtl](#)

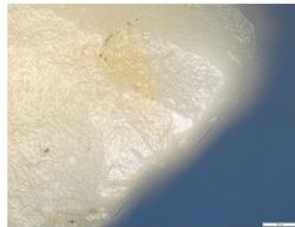
[HOL\\_G47\\_47.obj](#)

**Images:**

[HOL\\_G047\\_47.tif](#)



[HOL\\_G047\\_47\\_01.tif](#)



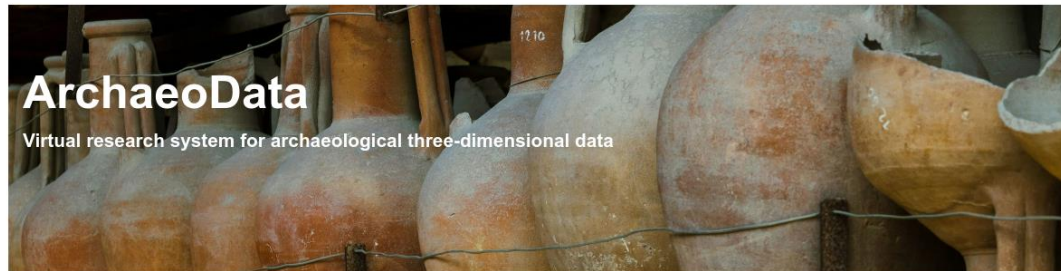
[HOL\\_G047\\_47\\_02.tif](#)



[HOL\\_G047\\_47\\_03.tif](#)



# ArchaeoData



3 platforms  
680 objects  
75 sites

ArchaeoData is a unified interface for access to information about archaeological artefacts; primarily the outputs of various research projects of FF MU researchers. The ArchaeoData system allows to browse and search these outputs in the form of data and metadata. Individual artefacts are usually represented by a metadata record with descriptive and analytical data and two-dimensional (images) and three-dimensional (3D models) objects. From the system it is possible to navigate to individual platforms with specific browsing and searching options as well as possible special features.

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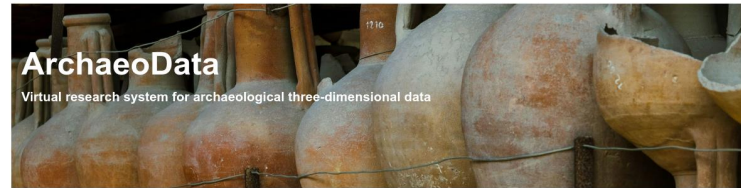


#### How to cite platform

If you have used this platform for your work, please cite it. By citing the platform, you not only acknowledge its creators, but also allow us to track the usage of the

- General archeological platform
- 3 subplatforms:
  - NEOFIG, ARTEFACT, Pottery Analyses
  - "standalone", logically separated
- 1 instance of Islandora for all
- Using Groups module
- Complicated but works

<https://archaeodata.phil.muni.cz/>



# ArchaeoData

Virtual research system for archaeological three-dimensional data

3 platforms  
680 objects  
75 sites

ArchaeoData is a unified interface for access to information about archaeological artefacts; primarily the outputs of various research projects of FF MU researchers. The ArchaeoData system allows to browse and search these outputs in the form of data and metadata. Individual artefacts are usually represented by a metadata record with descriptive and analytical data and two-dimensional (images) and three-dimensional (3D models) objects. From the system it is possible to navigate to individual platforms with specific browsing and searching options as well as possible special features.

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# ARTEFACT

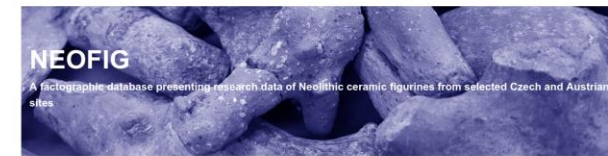
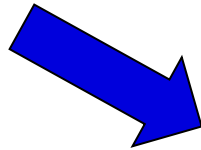
A factographic database presenting research data of analysed artefacts and reflecting the limits of recent conservation

The factographic database ARTEFACT makes available research and other data created by the RESCUE laboratory within the project Artefact as a source of knowledge: Rescue and preservation of research data of archaeological finds (ARTEFACT). These results are based on the financial support of the Ministry of Culture, Czech Republic under Grant No. (DH23P03OVV003).

The database consists of an expert analytical description of more than 500 archaeological artefacts, including full documentation – macrophotographs, microphotographs of the surface, wear traces or microresidues, results of analyses of the chemical composition or structure of the material, provenance and 3D analyses. An integral part of each record is also a description of recent damage and contamination, and their impact on the quality of preserved archaeological information. This description can be valuable feedback for conservation and museum workers, which will enable them to make qualified decisions about the extent and method of conservation of archaeological finds, as well as about the possibilities of analyses that should be included even before the planned conservation intervention for new finds.

### Copyright

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# NEOFIG

A factographic database presenting research data of Neolithic ceramic figurines from selected Czech and Austrian sites

378 figures  
7 colours  
1 site

This online database was created in order to present in full the research data of the project "Neolithic figurines in the light of analytical data. Manufacturing technology, traces of the use, patterns of the fragmentation and deposition." These results are based on the financial support of The Czech Science Foundation (GACR) under Grant No. 22-28334S. Each ceramic figurine included in our analyses and papers is presented in the form of macrophotos, microphotos of polished-section petrography, pigment and use-wear traces, 3D models and 3D based applications as RTI of fractures and DStretch visualizations of pigments. The goal of this online database is to open our data for further figurine research across the world.

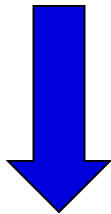
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### How to cite the platform

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# Pottery Analyses

Scientific Analyses of Pottery Products

63 pottery products  
65 analyses

Explore high and late medieval pottery on this platform, which documents aesthetic and material aspects of stove tiles, squamaries, sculptures, and floor tiles. Browse the visual documentation of the pottery products, search their descriptive metadata, or delve into the results of advanced scientific analyses, such as optic microscopy. Detailed data analysis reveals how these pottery products were made, used, and shared across regions, offering new insights into medieval craftsmanship and commerce. Study our source data to learn about these remarkable artifacts or read more about our findings in the publication [Sources and Distribution of Selected High and Late Medieval Pottery Products](#).

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### How to cite the platform

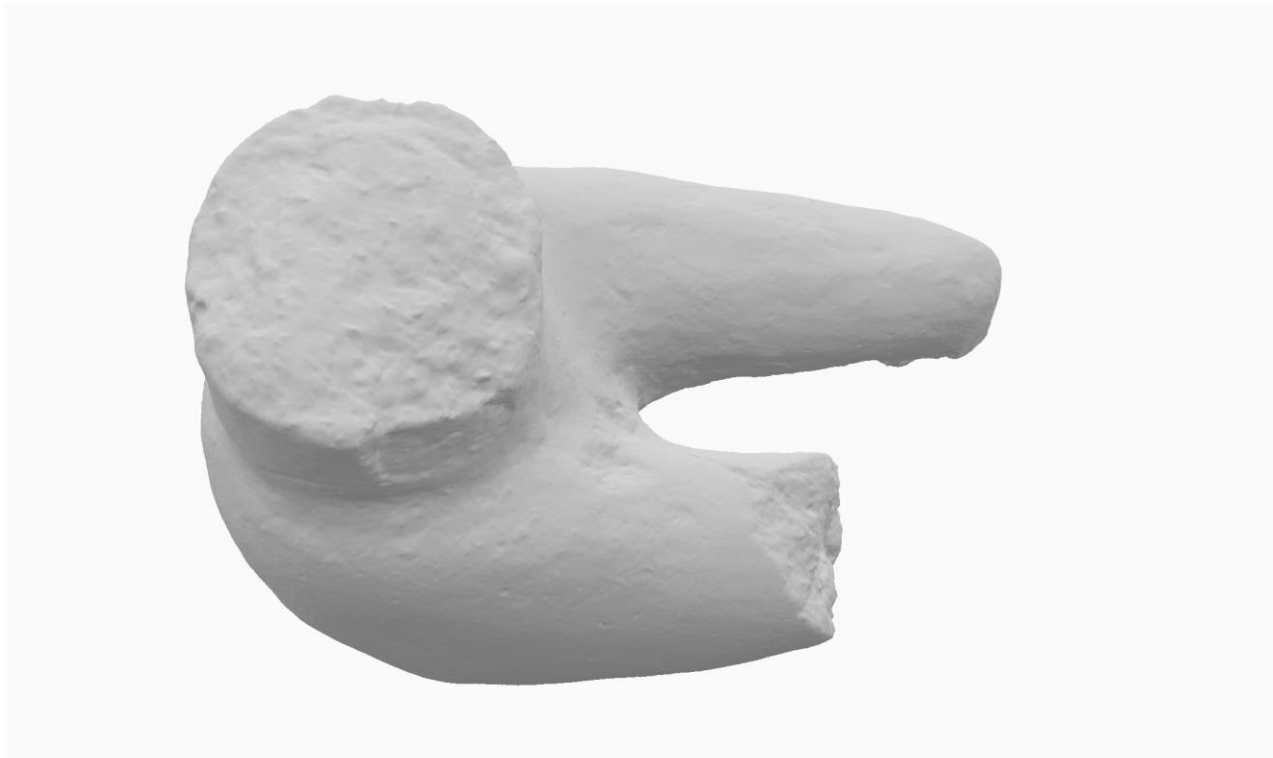
If you have used this platform for your work, please cite it. By citing the platform, you not only acknowledge its creators but also allow us to track the usage of the platform, which is essential data for us to further develop the Digitalia MUNI ARTS infrastructure and its funding. Thank you.

# 3D Model Preview on Neofig

Author of research data: Ludmila Kaňáková

Author of 3D models: Vojtěch Nosek

3D model:

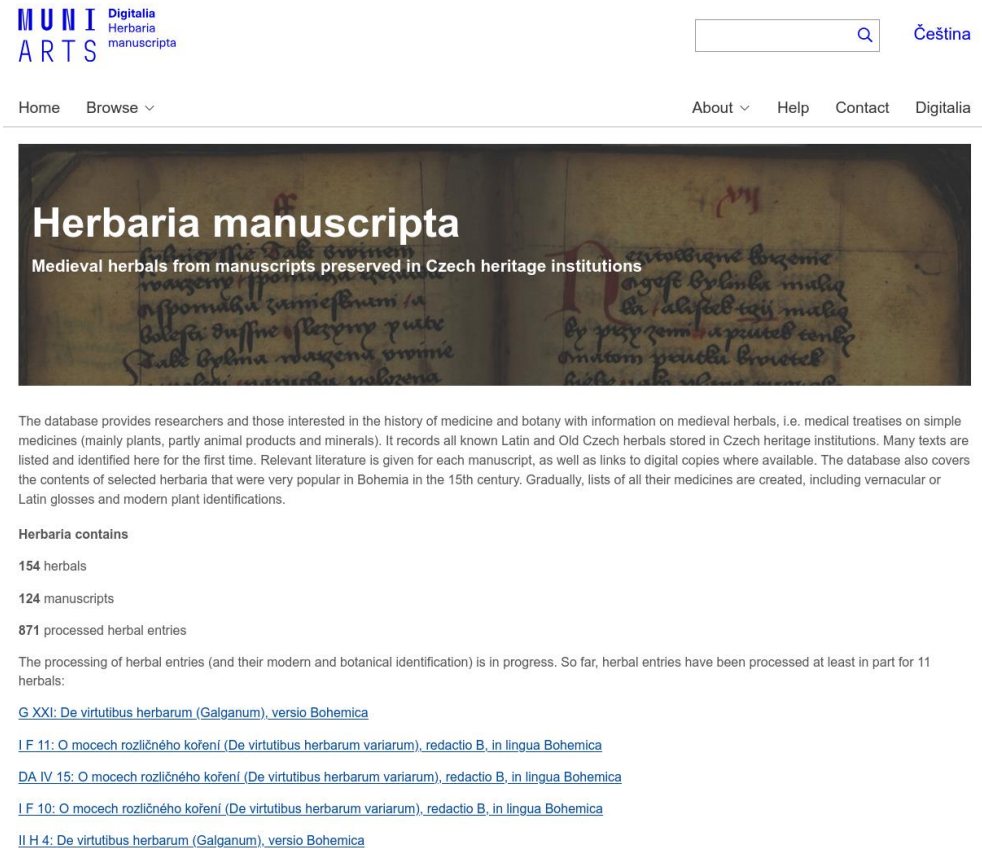


Download

- Interactive rendering of 3D models in browser
- JavaScript library

<https://neofig.phil.muni.cz/>

# Herbaria Manuscripta



The screenshot shows the website's header with the MUNI ARTS logo, a search bar, and navigation links. The main content area features a banner image of a manuscript page with the title 'Herbaria manuscripta' and a subtitle 'Medieval herbals from manuscripts preserved in Czech heritage institutions'. Below the banner is a descriptive paragraph and a list of statistics: 154 herbals, 124 manuscripts, and 871 processed herbal entries. A section titled 'Herbaria contains' lists several manuscript entries with their titles and redaction status.

**MUNI ARTS** Digitalia  
Herbaria  
manuscripta

Home Browse ▾ About ▾ Help Contact Digitalia

## Herbaria manuscripta

Medieval herbals from manuscripts preserved in Czech heritage institutions

The database provides researchers and those interested in the history of medicine and botany with information on medieval herbals, i.e. medical treatises on simple medicines (mainly plants, partly animal products and minerals). It records all known Latin and Old Czech herbals stored in Czech heritage institutions. Many texts are listed and identified here for the first time. Relevant literature is given for each manuscript, as well as links to digital copies where available. The database also covers the contents of selected herbaria that were very popular in Bohemia in the 15th century. Gradually, lists of all their medicines are created, including vernacular or Latin glosses and modern plant identifications.

**Herbaria contains**

- 154 herbals
- 124 manuscripts
- 871 processed herbal entries

The processing of herbal entries (and their modern and botanical identification) is in progress. So far, herbal entries have been processed at least in part for 11 herbals:

- [G XXI: De virtutibus herbarum \(Galganum\), versio Bohemica](#)
- [I F 11: O mocech rozličného koření \(De virtutibus herbarum variarum\), redactio B, in lingua Bohemica](#)
- [DA IV 15: O mocech rozličného koření \(De virtutibus herbarum variarum\), redactio B, in lingua Bohemica](#)
- [I F 10: O mocech rozličného koření \(De virtutibus herbarum variarum\), redactio B, in lingua Bohemica](#)
- [II H 4: De virtutibus herbarum \(Galganum\), versio Bohemica](#)

- Database of Herbals found in Medieval manuscripts
- Herbal entries with estimated botanical identification
- Metadata only (no media)

## VIII G 28: Herbarius, Cristannus de Prachaticz

Type: [herbal](#)

Unified Title: [Herbarius, Cristannus de Prachaticz](#)

Manuscript: [VIII G 28](#)

Institution: [Národní knihovna České republiky](#)

City: Praha

Link to the digitized manuscript: None

Link to the full text: None

Foliation: ff. 53v–71v

Incipit: Si quis herbarum vires breviter velit cognoscere...

Explicit: [Zuccarum]...virtutem habet infrigidandi, humectandi, relaxandi et nutriendi.

### Included medicaments

Displaying 1 to 20 of 40 herbal entries.

Order	Herb Entry	Glosses	Modern name	Foliation ?
1.	<a href="#">absintheum</a>		<a href="#">Artemisia absinthium</a>	f. 53v
2.	<a href="#">abrotanum</a>		<a href="#">Artemisia abrotanum</a>	f. 54r
3.	<a href="#">acorus</a>		<a href="#">Iris pseudacorus</a>	f. 54r
4.	<a href="#">acatum</a>	koprziwne semie	<a href="#">Urtica dioica</a>	f. 54r
5.	<a href="#">acacia</a>			f. 54r
6.	<a href="#">acedula</a>		<a href="#">Rumex acetosa</a>	f. 54r
7.	<a href="#">afodillus</a>			f. 54r
8.	<a href="#">zkontrolovat, možná acetum</a>			f. 54r
9.	<a href="#">acarnitha</a>	ciclame		f. 54r

# How We Want to Use Islandora/Fedora

- **Semantic interoperability:**
- We are planning to do the **json-ld** mapping for our custom content types to **CIDOC CRM** ontology so that we will have metadata in Fedora and can use Blazegraph (RDF)

# Questions and Final Remarks

Feel free to reach out

[Digitalia MUNI ARTS](#)  
[digitalia@phil.muni.cz](mailto:digitalia@phil.muni.cz)