

Archaeology in Europeana's Publishing Framework



Overview

- Introduction to Europeana's publishing framework
- Content quality tiers and what these mean for your content
- Metadata quality tiers and how these affect search and browse in Europeana
- Practical suggestions on how to improve the quality of your metadata records
- Examples of archaeology content in Europeana

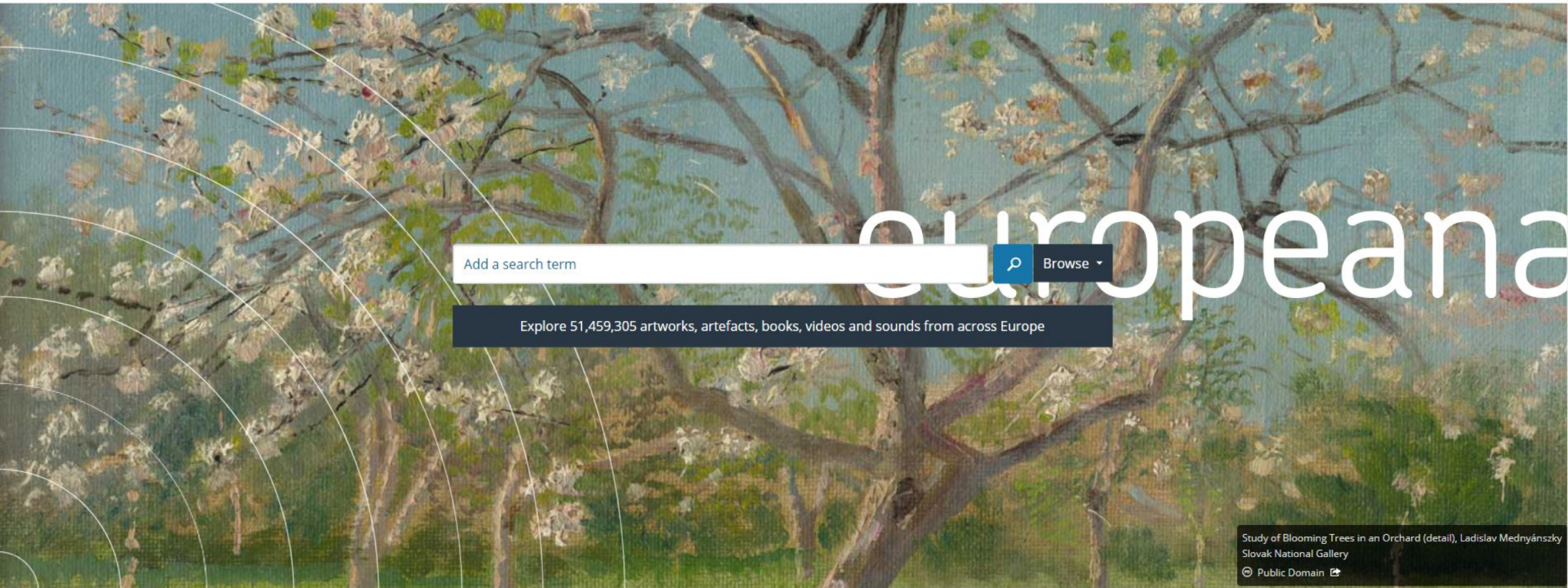
Europeana Collections



Collections ▾ Explore ▾ Exhibitions ▾ Blog ▾

OUR SITES

LANGUAGE ▾



Europeana

Add a search term



Browse ▾

Explore 51,459,305 artworks, artefacts, books, videos and sounds from across Europe

Study of Blooming Trees in an Orchard (detail), Ladislav Mednyánszky
Slovak National Gallery
© Public Domain

THEMATIC COLLECTION

EUROPEANA 1914-1918

THEMATIC COLLECTION

EUROPEANA ART

THEMATIC COLLECTION

EUROPEANA FASHION

THEMATIC COLLECTION

EUROPEANA MIGRATION

THEMATIC COLLECTION

EUROPEANA MUSIC

THEMATIC COLLECTION

EUROPEANA PHOTOGRAPHY

EXHIBITION

VISIONS OF WAR

DATASETS

BROWSE ALL OPENLY LICENSED IMAGES

FEEDBACK

Content strategy

Europeana's platform is as good as the content it provides access to.

The content strategy focuses on:

- Quality instead of quantity
- Getting the right content to the right users at the right time
 - Creating rewarding user experiences



Europeana Publishing Framework

Four tiers of participation allow data partners to use Europeana as...

1. A search engine
2. A showcase
3. A platform for non-commercial re-use
4. A platform for free re-use

<http://pro.europeana.eu/publication/publishing-framework>



Step Pyramid at Saqqara, Egypt, Carole Reeves,
Welcome Collection, CC-BY

Tier 1 - Search engine

WHAT YOU GIVE | WHAT YOU GET

What you give:

- Content licenced with any Europeana rights statement
- A preview >0.1 megapixel (for image & video collections)
- A metadata record



Tier 2 - A showcase

What you give:

- Content labelled with any Europeana Rights statement
- A direct link to image and text objects (> 800 pixels for images)
- A link to an embeddable viewer for audio, moving image and 3D objects or a link to a web-page
- Metadata which supports discovery

WHAT YOU GIVE | WHAT YOU GET



Tier 2 - what you get

The potential for your content to be included in thematic collections

The image shows a screenshot of the Europeana Collections website. At the top left is the Europeana Collections logo. To its right are navigation links: 'Collections', 'Explore', 'Exhibitions', and 'Blog'. On the top right, there are buttons for 'OUR SITES' and 'LANGUAGE'. Below the navigation is a breadcrumb trail: 'Return to Home / Archaeology'. The main content area features a large background image of ancient Egyptian artifacts, including a sphinx and several large jars. Overlaid on this image is the word 'Europeana' in a large, white, serif font. To the left of 'Europeana' is a dark box with the word 'ARCHAEOLOGY' in white. Below this is a search bar with the placeholder text 'Add a search term' and a 'Browse' button with a magnifying glass icon. A dark blue banner below the search bar contains the text 'Explore 1,362,878 archaeological treasures from European museums, galleries, libraries and archives'. In the bottom right corner of the image, there is a small text box with the following information: 'Oud-Egyptisch aardewerk. Vazen en Canopen, Lévy & ses Fils. KU Leuven' and a Creative Commons license icon (CC BY-NC).

<https://www.europeana.eu/portal/en/collections/archaeology>

Tier 3 - showcase for non-commercial reuse

What you give:

- Content labelled with any licence that allows for reuse (e.g. CC BY-NC)
- A direct link to image and text objects (> 1,200 pixels for images)
- A link to an embeddable viewer for audio, moving image and 3D objects or a link to a web-page
- Metadata that supports discovery



Tier 3 - what you get

Your dataset showcased in Europeana Labs for potential re-use in non-commercial applications

1 minutes to read

[VIEW DATA](#)



Photographs and drawings of runestones in Sweden

[Collections](#) [Academic Research](#) [ancient-history](#) [archaeology](#) [sweden](#) [runestone](#) [Ancient History](#) [Medieval History](#) [Northern Europe](#) [Sweden](#) [Ancient World](#) [Medieval](#)

This dataset, provided by the Riksantikvarieämbetet, contains over

4500 drawings and old and modern photographs of runestones in Sweden.

Tier 4 - Free reuse

What you give:

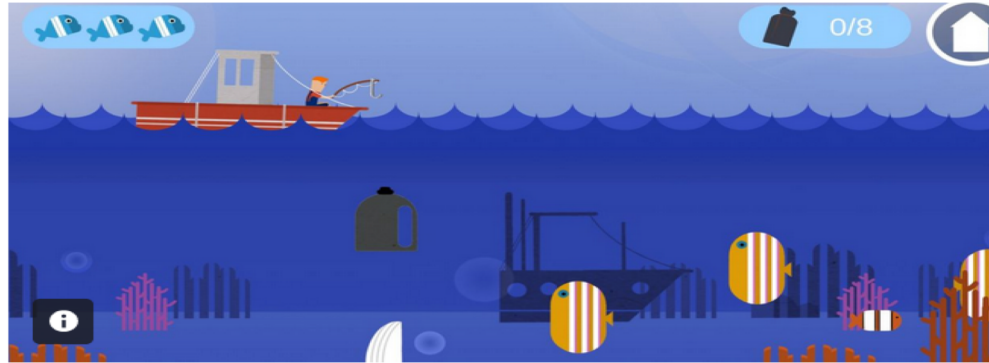
- Openly licensed content (e.g. Public Domain) CC 0, CC BY)
- A direct link to image and text objects (> 1,200 pixels for images)
- A link to an embeddable viewer for audio, moving image and 3D objects or a link to a web-page
- Metadata that supports discovery



Tier 4 - what you enable

Your content will be showcased in Europeana Collections and Europeana Labs, and its licencing under CC0 or CC-BY will enable a range of re-uses including in commercial applications.

Wonders



A screenshot of Wonders

Wonders is an educational game about the world's cultural heritage for children of five to ten. Kids are invited on a discovery tour of 13 exciting locations across the globe and asked to complete various challenges to learn about these sites.

Tier 3 and 4 content

Home Moments Search Twitter Have an account? Log in

Europeana @Europeanaeu

Tweets **16.6K** Following **1,496** Followers **34.6K** Likes **16K** Lists **8** [Follow](#)

Europeana @Europeanaeu · Feb 7

What is the real #paleo diet, and who invented bread? Read our new blog and learn about archaeological findings on eating and drinking in the past bit.ly/2DZ1hmd #foodhistory #twitterstorians #foodhist



11 15

Is re-used in social media channels by Europeana to highlight collections, campaigns and current topics.

Metadata in Europeana's Publishing Framework

Three tiers of quality
criteria for metadata



Philadelphia College of Pharmacy and Science: students looking through microscopes in a laboratory Ca. 1933, The Wellcome Library
United Kingdom, CC BY

Metadata tiers

The richer and better structured the metadata that you give, the more likely your content is to be returned in search results.

Adding information about subjects, places, time-spans and people means that more people will see and use your content.

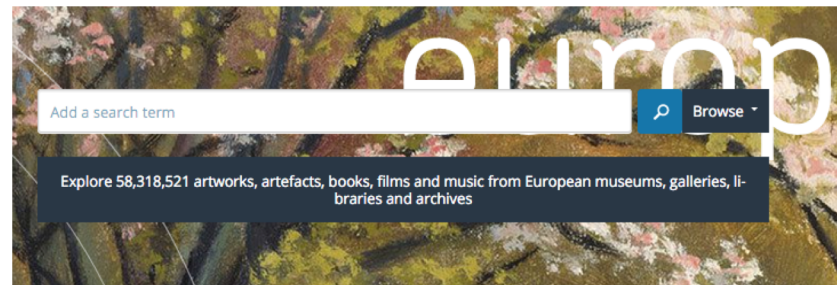


Metadata Tier 1

- Metadata records fulfil the minimum mandatory requirements of EDM:
 - edm:type, edm:rights, edm:provider AND edm:dataProvider
 - Description OR title
 - Subject, type, spatial OR temporal
 - edm:isShownAt OR edm:isShownBy

AND

- 25% relevant elements have language attributes
- At least one discovery scenario is supported



Europeana as a search engine

Metadata quality at tier 1 - what you can do

- Give meaningful titles, e.g. “Photograph of The Sphinx” not “Photograph”
- Provide meaningful descriptions
- Label the language of all text elements
- Use controlled vocabularies
- Normalise organisation names, peoples’ names
- Support discovery by subject, place, date/period and/or agent



Sarmizegetusa (VI)

Parchmark of unexcavated building NW of Forum. View from NW. Roman colony of Ulpia Traiana Augusta Dacica Sarmizegetusa, capital of the province of Dacia


This record provides a title, short description, simple type and subject indexing, place name and map coordinates. It fulfils Tier 1 but there is room for improvement

SHARE

DOWNLOAD

CAN I USE IT?

Yes    

[View more at The Discovery Programme](#) 

Classifications

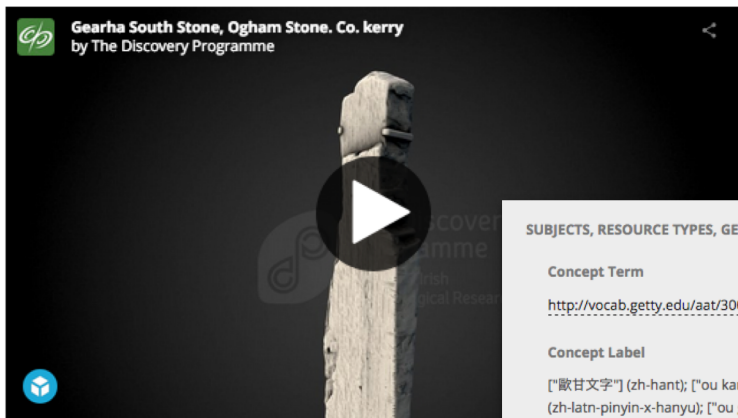
Type: Image

Subject: aerial photography

Metadata quality at tier 2 - what you can do

- Improve the quality of your metadata by adding
 - Better subject indexing
 - More spatial information (place names with coordinates)
 - Timespans
 - The names of archaeologists or other actors connected with the site
- Add links to LOD vocabularies (AAT, Geonames, VIAF, etc.)
- Implement at least one EDM contextual class (skos:concept, edm:Place, edm:Timespan or edm:Agent)

Ogham Stone, Gearha South, Co. Kerry, Ireland. (3D Model)



An ogham-inscribed slab of shaly sandstone was discovered free-standing in the .3m x .12m in maximum width and thickness. Its lower end is roughly tapered with the inscribed face and side are ground smooth and the angle features well-spaced, on the dexter angle: BRANADDOVMA MAQI QOLI MUCOI DOVIV ... The last character

SUBJECTS, RESOURCE TYPES, GENRES AND FORMS (CONCEPTS)

Concept Term

<http://vocab.getty.edu/aat/300263074>

Concept Label

["歐甘文字"] (zh-hant); ["ou kan wen tzu"] (zh-latin-wadegile); ["ogham"] (en); ["óu gān wén zì"] (zh-latin-pinyin-x-hanyu); ["ou gan wen zi"] (zh-latin-pinyin-x-notone); ["ogam"] (nl);

Broader Concept

<http://vocab.getty.edu/aat/300200824>

Concept Term

<http://vocab.getty.edu/aat/300004779>

Concept Label

["souterrains (passages)"] (en); ["sótanos"] (es); ["souterrains (passages)"] (nl);

Broader Concept

<http://vocab.getty.edu/aat/300004283>

This record has improved its retrievability by adding links to AAT subject concepts and by providing place names with coordinates

PLACE NAMES (PLACES)

Place Term

KE092-049001-/SP.1

Place Label

["Gearha South", "Kerry", "Ireland"] (def);

Latitude

51.8878

Longitude

-9.76109

SHARE

DOWNLOAD

CAN I USE IT?

Yes

Classifications

Type: 3D

Subject: ogham, souterrains (passages)

Metadata Tier 3

Metadata designed to help people to browse and explore in a more precise way

All requirements for Tier 1 +

- 75% relevant elements have language attributes
- Two discovery scenarios are supported
- Two EDM contextual classes are completed or a link to a LOD vocabulary is provided



Europeana as a knowledge platform

Metadata quality at tier 3 - what you can do

- Make sure that the language of all text elements is labelled (including organisation names, people's names, provider names)
- Make good use of LOD vocabularies (AAT, Geonames, VIAF, etc.)
- Implement at least two EDM contextual classes
 - `skos:concept`, `edm:Place`, `edm:Timespan` or `edm:Agent`

Summary: Tiers 2-4

Content

- A direct link to image and text objects (800-1200+ pixels for images) is provided
- A link to an embeddable viewer for audio, moving image and 3D objects (or a link to content on a web-page) is provided
- Content has a Europeana rights that permits re-use (tiers 3 and 4)

Metadata

- Meaningful title and description
- Language of metadata is labelled
- Browse by subject, places, date/timespan, and/or agents are supported where relevant
- edm:contextual classes (skos:Concept, edm:Place, edm:Timespan and/or edm:Agent) are used where relevant

Acknowledgements

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