



europaena
think culture

“...an aggregate of experience, which continually surprises us”

Tom Miles, British Library / Europeana Sounds
BAAC 2019 Conference, Riga



About me

I'm based at the British Library

I'm metadata coordinator for Europeana Sounds, helping data providers to publish their audio and audio-related content on Europeana

I worked on the Europeana Sounds project from 2015-17; and Europeana Creative from 2013-15

Before that I worked on various digitisation projects at British Library, Horniman Museum and University of London

What this paper is about

Background about aggregation and the role of Europeana Sounds

What are the benefits of aggregation?

How can you aggregate onto Europeana?

MINT in a minute: an introduction to the metadata mapping tool

What can happen to your material on Europeana?

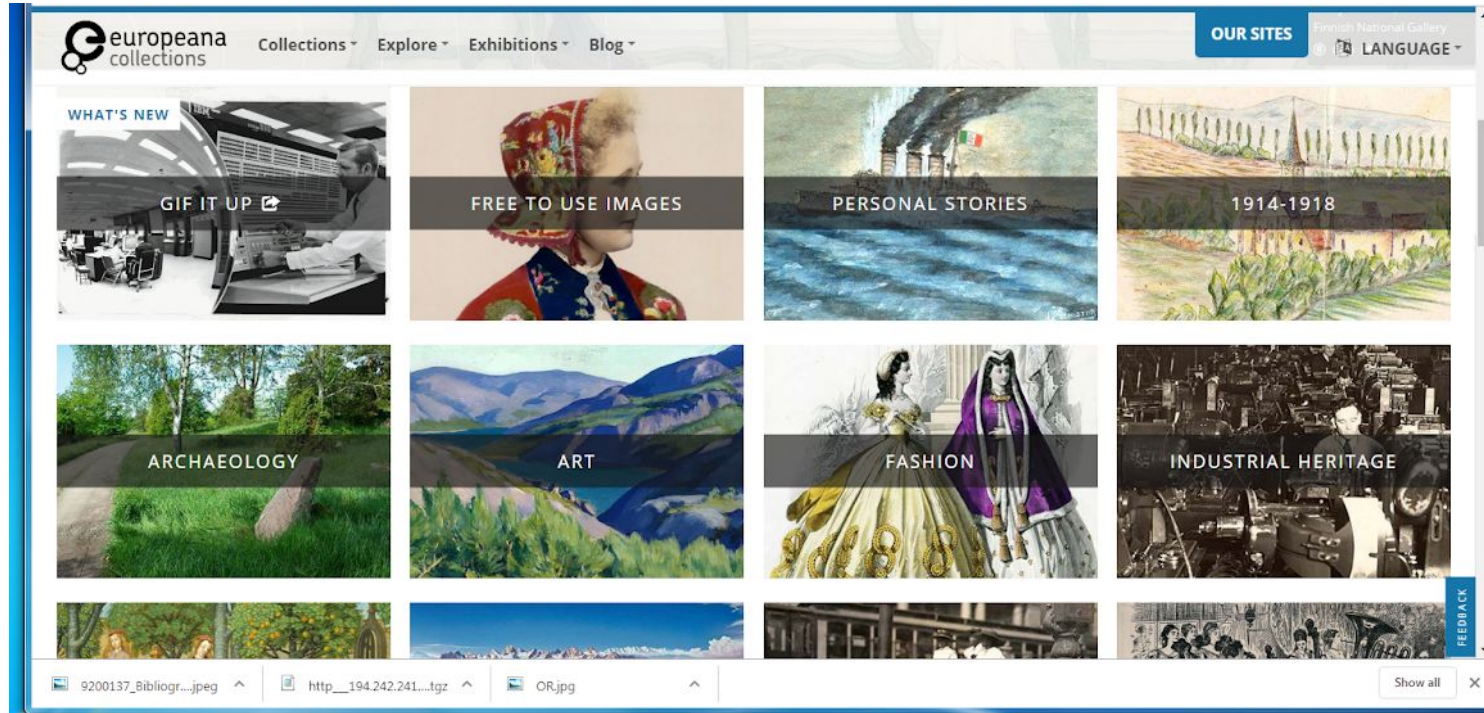
Questions and contact details

I researched quotations
on aggregation, and got
this...



CC0 Wikimedia Commons

From the author Ron Carlson: “**Life** is an aggregate of experience, which continually surprises us”



Europeana Sounds

Aggregated around 500,000 audio recordings and 225,000 audio-related objects from February 2014 to January 2017.

20 data providers took part, from 10 countries.

eSounds/BL is now a partner in the EC-funded Digital Service Infrastructure project - now in its fourth year (DSI4).

Europeana Sounds is a “Dark Aggregator” - it only aggregates for Europeana and has no platform of its own

...and we're looking for more data providers to join us!

Why get involved?

Be part of a multi-lingual database

Be part of a well-known portal

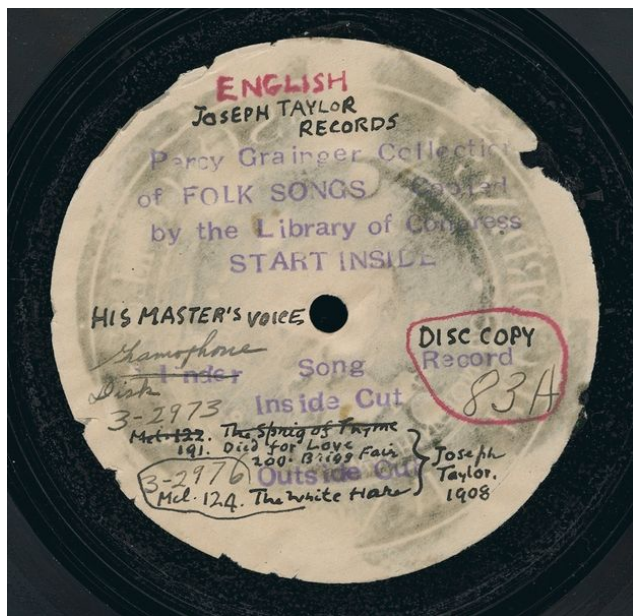
Make your content discoverable alongside other related content

Be part of a thriving network of data providers

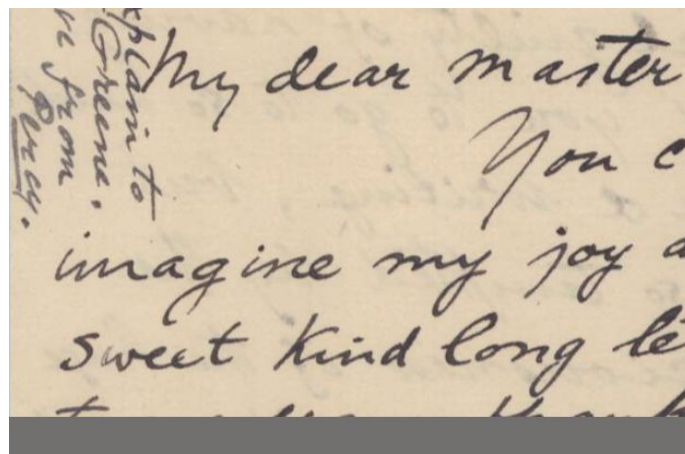
Get your content used in innovative ways, for educational and/or commercial use

See your material alongside related material

Recordings made by Percy Grainger
(British Library)



Letters from Grainger to Edvard
Grieg (Bergen Public Library)



Brev, 1907 08.19, Svinkløv, til Edvard Grieg | Percy Grainger

Inneholder en oversettelse til engelsk av "Den bergtekné"

Grieg

Matching musical instruments to their music

europæana collections Collections ▾ Explore ▾ Exhibitions ▾ Blog ▾

[Return to Home](#) / [Results](#) / [Item](#)

We want your feedback on our new item page, use our feedback button to leave your comments.



Morsiamen Polkka : kantele soitta; Lypsäjän laulu : kantele soitta / Olli Suolahti, chant

Finnish




Created by
Suolahti, Olli (1885-1951). Compositeur

europæana collections Collections ▾ Explore ▾ Exhibitions ▾ Blog ▾

[Return to Home](#) / [Results](#) / [Item](#)



We want your feedback on our new item page, use our feedback button to leave your comments.



Paikkarin torppa, Elias Lönnrotin kantele ja kanteleen kotelo

vanha päänumero 6841

Created by
Tirilä Soile

[SHARE](#) [DOWNLOAD](#) CAN I USE IT?
Yes  

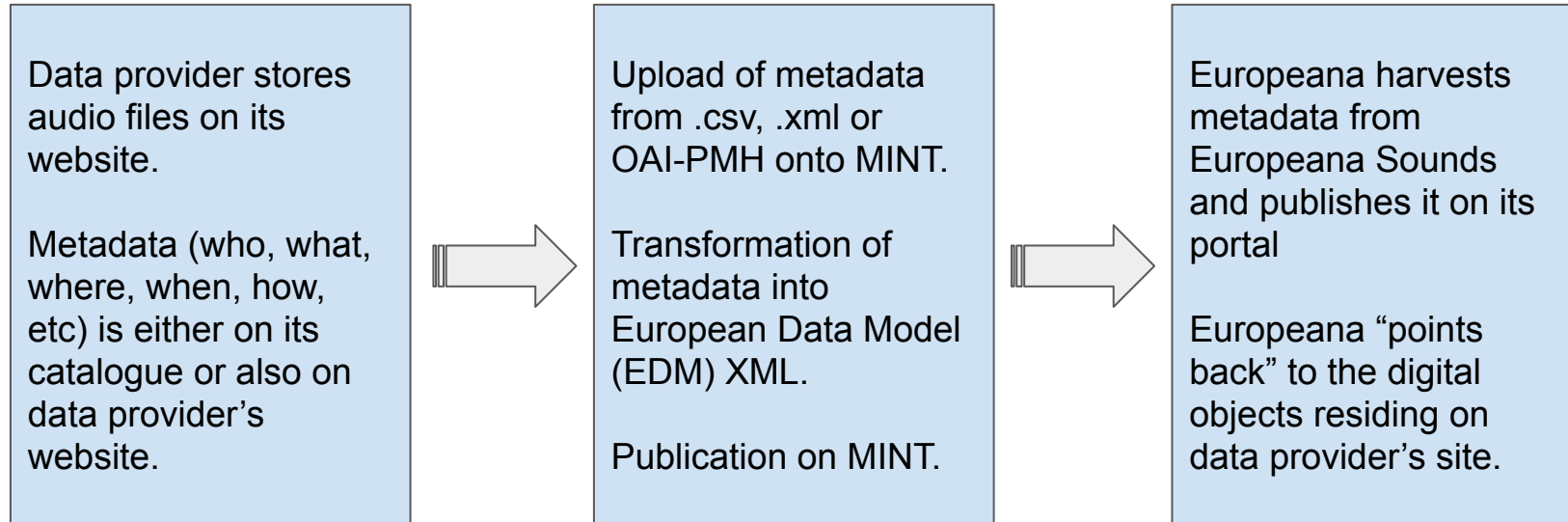
[View more at Finnish Heritage Agency](#)

You can share your collection on Europeana if...

- 1) You have your collection online, your sounds are freely accessible worldwide and you want to share them; or
- 2) You have digitised (some of) your audio collection, your audio is freely accessible worldwide (on SoundCloud, audioboom or elsewhere) BUT you do not have a searchable online collection.

For both 1 and 2, you would need to be responsible for clearing your collection and be able to sign the Data Exchange Agreement (DEA) with Europeana.

Metadata makes the journey; audio stays put



Introducing MINT - the **Metadata INgestion Tool!**

Created and maintained by National Technical University Athens

Open Source

Can be accessed via password on the web - no downloading of software required

Transforms metadata into “Europeana Data Model” XML files, ready for export to Europeana

Useful if you have good curatorial/cataloguing skills, but not necessarily skills in XML, XSLT, Python, Javascript, C++, SPARQL, PLECTRUM...

(sorry, I made that last one up)

MINT, in a minute: mapping interface

The screenshot displays the MINT mapping interface for the 'Tucker (EDM Sounds)' dataset. The interface is divided into several sections:

- Header:** 'Mapping: Tucker (EDM Sounds)' with navigation buttons for 'Preview', 'Navigation', 'Preferences', and 'Help'.
- Organization Info:** 'Tucker EDM Sounds', 'Organization: British Library', 'Created: 2019-06-11 17:29:32.617'.
- Left Panel (Property List):** A search bar and a list of properties including `dc:identifier`, `_7_dc_relation`, `_90`, `dc:title`, `_13_dc_relation`, `_60_dc_date`, `_51_dcterms_spatial`, `_54_dcterms_spatial`, `dc:description`, `_15`, `_02`, `_01_dcterms_extent`, `_1_dc_relation`, `_22_recording_report_dc_description2`, `_30_dcterms_alternative`, and `dc:subject`.
- Right Panel (Property Values):** A list of properties with their corresponding values and status indicators. The 'Tucker, Nigel (recordist)' value for `dc:contributor` is highlighted in yellow.

Colored arrows indicate mappings from the left panel to the right panel:

- Blue arrow:** Points from `dc:identifier` in the left panel to `dc:identifier` in the right panel.
- Purple arrow:** Points from `dc:contributor` in the left panel to `dc:contributor` in the right panel.
- Red arrow:** Points from `dc:description` in the left panel to `dc:description` in the right panel.

Property	Value	Status
rdf:RDF	structural	Active
edm:ProvidedCHO	structural	Active
dc:contributor	Tucker, Nigel (recordist)	Active
dc:coverage	unmapped	Inactive
dc:creator	unmapped	Inactive
dc:date	_60_dc_date	Active
dc:description	dc_description	Active
dc:format	unmapped	Inactive
dc:identifier	dc_identifier	Active

MINT in a minute: review panes

The screenshot displays the MINT software interface with the following components:

- Top Navigation:** Home, My workspace, Dataset Options, Mappings, Mapping: Tucker (EDM Sounds), Preview.
- Mapping: Tucker (E...):**
 - Buttons: Preview, Navigation, Preferences, Help.
 - Organization: British Library, Created: 2019-06-11 17:29:32.617.
 - Left sidebar: Search bar, item list (dc_identifier, 7_dc_relat, _90, dc_title, _13_dc_rels, 60_dc_dat, 51_dcterms, 54_dcterms, dc_descripti, _15, _02, 01_dcterms, 1_dc_relat).
 - Central panes: rdf.RDF (structural), edm:ProvidedCHO (structural).
- Preview Options:**
 - Select a mapping: Tucker.
 - Select item views for the first and second column: Item x, EDM x, Europeana x.
 - Remember selected views.
 - Search everything.
 - Item list: BlueTit & Blackbird, England, 1992; Adonis Blue Butterfly, England, 1996; African Buffalo, Zimbabwe, 1998.
- Preview:**
 - Tabbed view: Item, EDM, Europeana.
 - XML code for item 22:

```
<?xml version="1.0" encoding="UTF-8"?>
<item>
  <dc_identifier>WICDR0001975 BD10</dc_identifier>
  < 7_dc_relat>WICDR0001975</ 7_dc_relat>
  < _90>Wildlife collection WA 2005/48</ _90>
  < _30_dcterms_alternative>Synceros caffer : African Buffalo - Bovidae</_30_
  <dc_subject>Synceros caffer</dc_subject>
  <dc_subject>African Buffalo</dc_subject>
  <dc_subject>Bovidae</dc_subject>
  <dc_title>African Buffalo, Zimbabwe, 1998</dc_title>
  < _13_dc_relat>125611</ _13_dc_relat>
  < _60_dc_date>1998-09</ _60_dc_date>
  < _51_dcterms_spatial>Zimbabwe</ _51_dcterms_spatial>
  < _54_dcterms_spatial>Imire Safari Ranch</ _54_dcterms_spatial>
  < _81_dc_subject>calls</ _81_dc_subject>
  <dc_description>Medium close-up growls, close-up tail swishes from a herd.
  < _15>stereo</ _15>
  < _02>Tucker, Nigel|c(sound recordist)</ _02>
  < _01_dcterms_extent>0 min, 26 sec.</ _01_dcterms_extent>
  < _1_dc_relat>Recordist's reference: NFX0038/03</ _1_dc_relat>
  < _22_recording_report_dc_description2>slight hiss</ _22_recording_report_dc
</item>
```

MINT in a minute: review panes

The screenshot displays the MINT software interface. At the top, a navigation bar includes 'My workspace', 'Dataset Options', 'Mappings', 'Mapping: Tucker (EDM Sounds)', and 'Preview'. The main window is titled 'Preview' and contains two panes.

Left Pane: Preview Options

- Select a mapping:** A dropdown menu is set to 'Tucker'.
- Select item views for the first and second column:** Two columns are selected: 'Item' and 'EDM'. A third column is empty.
- Remember selected views:** A checkbox is present.
- Search everything:** A search bar with a magnifying glass icon.
- Item List:** A scrollable list of items with columns for item name and year. The list includes:
 - BlueTit & Blackbird, England, 1992
 - BlueTit & Blackbird, England, 1992
 - Adonis Blue Butterfly, England, 1996
 - Adonis Blue Butterfly, England, 1996
 - Adonis Blue Butterfly, England, 1996
 - Adonis Blue Butterfly, England, 1996
 - Adonis Blue Butterfly, England, 1996
 - African Buffalo, Zimbabwe, 1998
 - African Buffalo, Zimbabwe, 1998
 - African Buffalo, Zimbabwe, 1998
 - African Buffalo, Zimbabwe, 1998
 - African Buffalo, Zimbabwe, 1998

Right Pane: XML Preview

The right pane shows XML code with a green status bar at the top indicating 'XML is valid based on EDM'. The XML code is as follows:

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <rdf:RDF xmlns:edm="http://www.europeana.eu/schemas/edm/"
3   xmlns:xalan="http://xml.apache.org/xalan"
4   xmlns:foaf="http://xmlns.com/foaf/0.1/"
5   xmlns:mo="http://purl.org/ontology/mo/"
6   xmlns:ore="http://www.openarchives.org/ore/terms/"
7   xmlns:owl="http://www.w3.org/2002/07/owl#"
8   xmlns:rdaGr2="http://rdvocab.info/ElementsGr2/"
9   xmlns:cid="http://purl.org/cid/terms/"
10  xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
11  xmlns:crm="http://www.cidoc-crm.org/rdfs/cidoc_crm_v5.0.2_english_label.rdfs#"
12  xmlns:rdfs="http://www.w3.org/2000/01/rdf-schema#"
13  xmlns:dc="http://purl.org/dc/elements/1.1/"
14  xmlns:schema="http://schema.org/"
15  xmlns:dcterms="http://purl.org/dc/terms/"
16  xmlns:skos="http://www.w3.org/2004/02/skos/core#"
17  xmlns:ebucore="http://www.ebu.ch/metadata/ontologies/ebucore/ebucore#"
18  xmlns:wgs84="http://www.w3.org/2003/01/geo/wgs84_pos#"
19  <edm:ProvidedCHO rdf:about="http://mint-projects.image.ntua.gr/data/sounds/WICDR0001975_BD10">
20    <dc:contributor>Tucker, Nigel (recordingist)</dc:contributor>
21    <dc:date>1998-09</dc:date>
22    <dc:description>Medium close-up growls, close-up tail swishes from a herd. Recording report: slight hiss. A stereo r
23    <dc:identifier>WICDR0001975_BD10</dc:identifier>
24    <dc:relation>WICDR0001975</dc:relation>
25    <dc:relation>125611</dc:relation>
26    <dc:relation>Recordingist's reference: NFX0038/03</dc:relation>
27    <dc:subject xml:lang="en">Synceros caffer</dc:subject>
28    <dc:subject xml:lang="en">African Buffalo</dc:subject>
29    <dc:subject xml:lang="en">Bovidae</dc:subject>
30    <dc:subject xml:lang="en">calls</dc:subject>
31    <dc:subject rdf:resource="http://data.europeana.eu/concept/soundgenres/soundgenres/Environment_recordings/Nature_sou
32    <dc:title>African Buffalo, Zimbabwe, 1998</dc:title>
33    <dc:terms:alternative>Synceros caffer : African Buffalo - Bovidae</dc:terms:alternative>
34    <dc:terms:extent>0 min. 26 sec.</dc:terms:extent>
35    <dc:terms:isPartOf>Nigel Tucker Collection</dc:terms:isPartOf>
36    <dc:terms:spatial>Zimbabwe</dc:terms:spatial>
```

MINT in a minute: preview panes

The screenshot displays the MINT interface with a 'Preview' window. On the left, a 'Preview Options' sidebar allows users to select a mapping (currently 'Tucker') and item views for the first and second columns (currently 'Item', 'EDM', and 'Europeana'). Below this is a search bar and a list of search results, with 'African Buffalo, Zimbabwe, 1998' selected. The main preview area shows the selected item's details, including a Creative Commons Attribution-NonCommercial license, a link to view the item at The British Library, and sharing options. The item's title is 'African Buffalo, Zimbabwe, 1998'. The description includes an alternative title 'Synceros caffer : African Buffalo - Bovidae', a detailed description of the recording, and a subject 'Synceros caffer African Buffalo Bovidae calls'. A 'Search also for:' box lists related terms like 'Title', 'Who', 'What', and 'Provider'. The bottom of the window shows a taskbar with a file explorer and a 'Show all' button.

Preview

Preview Options

Select a mapping:
Tucker

Select item views for the first and second column:
Item x EDM x Europeana x

Remember selected views

Search everything

Item

- BlueTit & Blackbird, England, 1992
- BlueTit & Blackbird, England, 1992
- Adonis Blue Butterfly, England, 1996
- Adonis Blue Butterfly, England, 1996
- Adonis Blue Butterfly, England, 1996
- Adonis Blue Butterfly, England, 1996
- Adonis Blue Butterfly, England, 1996
- African Buffalo, Zimbabwe, 1998
- African Buffalo, Zimbabwe, 1998
- African Buffalo, Zimbabwe, 1998
- African Buffalo, Zimbabwe, 1998
- African Buffalo, Zimbabwe, 1998

Item EDM Europeana

Attribution, Non-Commercial

View item at
The British Library

Share

Cite on Wikipedia

Translate details

African Buffalo, Zimbabwe, 1998

Alternative Title: Synceros caffer : African Buffalo - Bovidae

Description: Medium close-up growls, close-up tail swishes from a herd. Recording report: slight hiss. A stereo recording.

Subject: Synceros caffer African Buffalo Bovidae calls

Search also for:

Title
African Buffalo, Zimbabwe, 1998

Who
Tucker, Nigel (recording)

What
Synceros caffer
African Buffalo
Bovidae
calls

Provider
The British Library
Europeana Sounds

http://data.europeana.eu/concept/soundgenres/soundgenres/Environment_recordings/Nature_sounds

Contributor: Tucker, Nigel (recording)

Place: Zimbabwe Imire Safari Ranch

Date: 1998-09

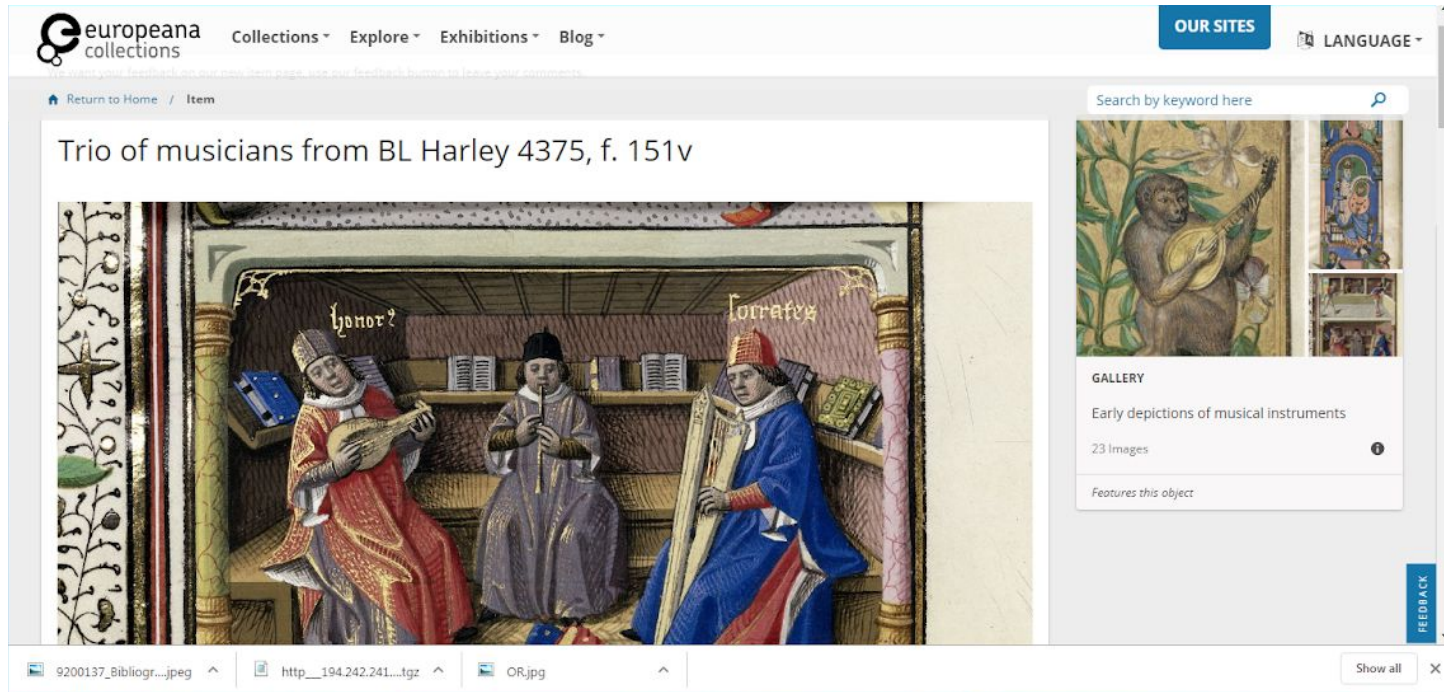
Format: 0 min. 26 sec.

Identifier: W1CDR0001975 BD10

Relation: W1CDR0001975 125611 Recording's reference: NFX0038/03

http__194.242.241....tgz OR.jpg Show all

What can happen to your collection, once you've shared it on Europeana?



The screenshot displays the Europeana Collections interface. At the top left is the Europeana logo and navigation links for Collections, Explore, Exhibitions, and Blog. On the top right are buttons for OUR SITES and LANGUAGE. Below the navigation is a breadcrumb trail: Return to Home / Item. The main content area features the title "Trio of musicians from BL Harley 4375, f. 151v" above a large image of a medieval manuscript illumination. The illustration depicts three figures in a room with bookshelves. The figure on the left is labeled "honor?" and plays a lute. The central figure is labeled "Iocratex" and plays a flute. The figure on the right is labeled "Iocratex" and plays a harp. To the right of the main image is a search bar with the text "Search by keyword here" and a magnifying glass icon. Below the search bar is a gallery of smaller images, including a monkey playing a lute. A "GALLERY" section is visible, titled "Early depictions of musical instruments" with "23 Images" and a "Features this object" link. At the bottom of the browser window, the taskbar shows open tabs for "9200137_Bibliogr...jpeg", "http__194.242.241...tgz", and "OR.jpg". A "Show all" button and a "FEEDBACK" button are also present.

europaena
collections

Collections ▾ Explore ▾ Exhibitions ▾ Blog ▾

OUR SITES

LANGUAGE ▾

Return to Home / Item

Trio of musicians from BL Harley 4375, f. 151v

Search by keyword here

GALLERY

Early depictions of musical instruments

23 Images

Features this object

Show all

FEEDBACK

9200137_Bibliogr...jpeg

http__194.242.241...tgz

OR.jpg

“Birdie Memory” - using sounds from Europeana

Homepage of <https://www.birdiememory.com/en/>

Upcoming Europeana exhibition: Music in WWI



[Russian prisoners of war, with harmonica \(National Library of Denmark, CC-BY-NC-ND\)](#)

“Life in a trench in Belgium”

europæana collections

Collections ▾ Explore ▾ Exhibitions ▾ Blog ▾


OUR SITES

LANGUAGE ▾

Return to Home / Results / Item

Search by keyword here

We want your feedback on our new item page, use our feedback button to leave your comments.



Life in a trench in Belgium – part 4

Coll. José Sourillan. Sung by Lieutenant Gitz Rice of 1st Canadians and Henry Burr. Première Guerre mondiale, 1914-1918, descriptive sketch

Created by
Gitz, Rice

Contributor to this object

FEEDBACK

Show all X

2059222_10250_...mp... ^

2059222_10250_...mp... ^

Thank you for listening - any questions?

If you'd like to share your audio collection on Europeana, please fill out this quick survey:

<https://www.surveymonkey.co.uk/r/VBRSS7H>

Please do get in touch if you want to discuss metadata issues - even if you already working with another aggregator I'd be delighted to hear from you!

Email: tom.miles@bl.uk

Twitter: @tommilesz