

EXPLORE BY PLACE



Explore By Work Type

Browse the collections by Getty's AAT Work Types



The Art & Architecture Thesaurus (AAT)®

Explore By Object Classification

Browse the collections by Getty's AAT Hierarchy

Built Environment (62)

Furnishings and Equipment (317)

> Containers (68)

> Costume (142)

> Furnishings (61)

> Measuring Devices (5)

Search

Search 2863 results



Map



Ajuntament de Girona
Biblioteca nazionale centrale di Roma
Bildarchiv Foto Marburg
Budakeszi Helytörténeti Gyűjtemény és Tájház
Central Library of the Bulgarian Academy of Sciences
Hungarian National Gallery
ICCU
Kupferstichkabinett, Staatliche Museen zu Berlin
Lietuvos dailės muziejus / Lithuanian Art Museum
Livrskammaren och Skoklosters slott med stiftelsen Hallwylska museet

Muzej za umjetnost i obrt, Zagreb
Nationalmuseum, Sweden
Petőfi Literary Museum online public access catalogue
ICIMSS
Royal Collection Trust
Royal Institute for Cultural Heritage (KIK-IRPA)
Schola Graphidis Art Collection, Hungarian University of Fine Arts, Budapest
Šiaulių „Aušros“ muziejus / Šiauliai Aušros Museum
The Cyprus Institute – STARC
The Israel Museum, Jerusalem

Technical Implementation: **META – NTUA - UNIMAR**

Aggregation: How To Improve Data Quality

Regine Stein
Bildarchiv Foto Marburg
Philipps-Universität Marburg





Aggregation:

How To Improve Data Quality

- Metadata Quality in Europeana
- Requirements Analysis for Museum Content
- Museum Collections Pilot



**ATHENA
PLUS**

Access to cultural heritage
networks for Europeana

Metadata Quality in Europeana

We want good quality data and we want it now!

Author: [Valentine Charles](#) 6 mins to read

 12 May 2015 [Comment](#)

QUESTIONS?



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valentine.charles@europeana.eu

Europeana is only as good as its data. That's why improving data quality is our number one priority for the next five years. And it's why you'll hear us bring up the subject time and again.

<http://pro.europeana.eu/blogpost/we-want-good-quality-data-and-we-want-it-now>



→ Report and Recommendations from the Task Force on Metadata Quality

Task Force Chair: Marie-Claire Dangerfield (EF)

Task Force Co-Chair: Lisette Kalshoven (KL)

December 2013 - May 2015.

Metadata is the lifeblood of Europeana. It is only by describing digital collections with rich metadata that they can become part of the shared cultural heritage landscape of Europe.

Europeana Task Force on Metadata Quality, Report and Recommendations p.3 (Executive Summary)

We have defined good metadata quality as:

- 1. Resulting from a series of trusted processes
- 2. Findable
- 3. Readable
- 4. Standardised
- 5. Meaningful to audiences
- 6. Clear on re-use
- 7. Visible

Europeana Task Force on Metadata Quality, Report and Recommendations p.8



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Requirements Analysis for Museum Content

How to find your beautiful material in a bin of 42 million records?



 @jpekel

Meisje is verdwaald op het strand. Nationaal Archief



Joris Pekel and Marie-Claire Dangerfield, Collection Development and Metadata Quality
<http://de.slideshare.net/Europeana/collection-development-and-metadata-quality> p.14

“Give end-users consistent, reliable access to information” (CDWA)

- Precision is getting more and more important in the context of large-scale aggregation of metadata!
- Indexing in Europeana
 - only “administrative” facets
 - no browsing aids for the user in terms of content

Refine your results:

▼ Add more keywords

 [+ Add](#)

► By media type

► By language of description

► By year

► By providing country

► Can I use it?

► By copyright

► By provider

► By data provider



Use Getty vocabularies!

- ISO 25964 compliant
- Trusted and maintained source
- Multilingual
- Open licenses
- LOD publication

Minimum: Reference to generic classification!

<input type="checkbox"/>		Top of the AAT hierarchies
<input type="checkbox"/>	 Objects Facet
<input type="checkbox"/>	 Built Environment (hierarchy name)
<input type="checkbox"/>	 Settlements and Landscapes (hierarchy name)
<input type="checkbox"/>	 Built Complexes and Districts (hierarchy name)
<input type="checkbox"/>	 Single Built Works (hierarchy name)
<input type="checkbox"/>	 Open Spaces and Site Elements (hierarchy name)
<input type="checkbox"/>	 Components (hierarchy name)
<input type="checkbox"/>	 components (objects parts)
<input type="checkbox"/>	 Furnishings and Equipment (hierarchy name)
<input type="checkbox"/>	 Furnishings (hierarchy name)
<input type="checkbox"/>	 Costume (hierarchy name)
<input type="checkbox"/>	 Tools and Equipment (hierarchy name)
<input type="checkbox"/>	 Weapons and Ammunition (hierarchy name)
<input type="checkbox"/>	 Measuring Devices (hierarchy name)
<input type="checkbox"/>	 Containers (hierarchy name)
<input type="checkbox"/>	 Sound Devices (hierarchy name)
<input type="checkbox"/>	 Recreational Artifacts (hierarchy name)
<input type="checkbox"/>	 Transportation Vehicles (hierarchy name)
<input type="checkbox"/>	 Object Genres (hierarchy name)
<input type="checkbox"/>	 objects
<input type="checkbox"/>	 object genres (object classifications)
<input type="checkbox"/>	 Object Groupings and Systems (hierarchy name)
<input type="checkbox"/>	 object groupings
<input type="checkbox"/>	 systems (equipment)
<input type="checkbox"/>	 Visual and Verbal Communication (hierarchy name)
<input type="checkbox"/>	 Visual Works (hierarchy name)
<input type="checkbox"/>	 Exchange Media (hierarchy name)
<input type="checkbox"/>	 Information Forms (hierarchy name)

Requirements Analysis

More specific metadata

Overview of the LIDO Metadata Elements – **Mandatory** | **Mandatory if applicable** | **Recommended**

Mandatory elements

These elements are mandatory in each metadata record and the information is used for browsing the objects in a museum-specific portal

Metadata language **Object / Work Type** **Classification** **Object Title** **Location** **Event Information**
Record Information **Resource Set**

Mandatory if applicable elements

These elements are mandatory if applicable for the described object and the information is used for browsing the objects in a museum-specific portal

Repository Name
Event Information -> **Actor** **Cultural Context** **Date** **Period** **Place** **Material / Technique**
Subject Information -> **Theme-Concept** **Actor** **Date** **Place**

Recommended elements

These elements are recommended if applicable and the information is used for displaying the object information in a museum-specific portal

Inventory Number **Object Description** **Object Measurement**
Event Information -> **Event Name** **Actor->Role** **Actor->Attribution** **Actor->Extent** **Method** **Material/Technique->Extent**
Subject Information -> **Extent Subject**
Related Works
Rights Work
Resource Set -> **Date Taken** **Creator of Resource** **Resource Description**

Mandatory descriptive metadata elements so far

- Object / Work Type (<> dc:type) [AAT]
- Title (<> dc:title)

Additional requirements for museum content may be

- Generic classification, using AAT top hierarchy [AAT]
- Repository/Location [TGN]
- At least one event information with at least one of
 - Actor [ULAN]
 - Cultural Context [AAT]
 - Date
 - Period [AAT]
 - Place [TGN]
 - Material / Technique [AAT]

- Need for distinction between indexing and display [**“findable” and “readable”**]
 - Need for possibility to display uncertainty
 - Need for possibility to transmit type of contribution, roles, extent [**“readable” and “meaningful to audiences”**]
 - Need for distinction between information coming from the content provider and automatically enriched information [**“trusted process”**]
-



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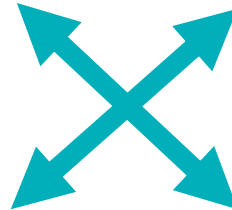
Museum Collections Pilot

Museum Collections Pilot aims at **show casing museum collections with a new presentation model**. The enhanced and quality metadata produced by museum curators in respect to **LIDO** metadata model is generated by **MINT** and elaborated inside **MOVIO**. The resources are more than 1.000 content items from more than 20 museum institutions and organized in respect to a thesaurus navigation (similar to Getty's **AAT**).



**The Art & Architecture
Thesaurus (AAT)®**

by



MINT



Dataset Options Dataset Options Mappings Mapping: Museum Pilot (LIDO Museum) Navigation

Mapping: Museum Pilot (LIDO Museum)

Museum Pilot LIDO Museum Organization: Bilderarchiv Foto Marburg Created: 2015-10-20 04:37:59.551 Preview Navigation Preferences Help

lido:lido structural

lido:lidoRecID /AthenaPlus Museum:000000

lido:objectPublishedID unmapped

lido:category structural

lido:descriptiveMetadata structural

lido:administrativeMetadata structural

Navigation

1. Descriptive metadata language (M)
2. Object/Work Type AAT (Recommended use of AAT URI - M)
3. Cultural Heritage Type (M)
4. Thematic Context (M)
5. Title (M)
6. Current Repository - Name (M/A)
- 6a. Current Repository - Identifier (if ULAN or VIAF URI exists M/A)
7. Current Repository - WorkID (R)
8. Current Repository - Location (M)
- 8a. Current Repository - Location Identifier (if TGN URI exists M)
- 8b. Current Repository - Location is part of TGN Nation (if TGN URI exists M)
9. Object Description (R)
10. Object Measurements / Dimensions (R)
11. Inscriptions (R)
12. Event Set (at least one M)
 - Event Type (M)
13. Event Actor - Display Name (R)
14. Event Actor - Name (M/A)
- 14a. Event Actor - Actor Identifier (if ULAN or VIAF URI exists M/A)


1. Descriptive metadata language (M)
2. Object/Work Type AAT (Recommended use of AAT URI - M)
3. Cultural Heritage Type (M)

MOVIO in a nutshell




[Home](#)
[Explore](#)
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Browse the collections by Getty's AAT Work Types



The Art & Architecture Thesaurus (AAT)®


Explore By Object Classification

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Search

Search 2863 results



Map



You can Explore by worktype, by object classification, by time, by place, by institution

Tools and Equipment

Built Environment (62)

Furnishings and Equipment (317)

- Containers (68)
- Costume (142)
- Furnishings (61)
- Measuring Devices (5)
- Sound Devices (5)

Tools and Equipment (12)

- molds (shaping tools) (0)
- stoves (heating equipment) (0)
- tableware (0)
- Transportation Vehicles (0)
- Weapons and Ammunition (3)

Visual and Verbal Communication (1212)



Circumcision knife



Circumcision knife



Inscribed Hebrew seals



K◆inich Janaab◆Pakal I (Great-Sun-Shield), King of Palenque, depicted on an incense burner



Mortar decorated with seven-branched candelabrum and Hebrew letters



Ofen





Queen Charlotte's notebook



Rankšluostis



[Return to search results](#)[< Previous](#) [Next >](#) Rights Reserved - Free AccessView item at
[Bildarchiv Foto Marburg](#)  Cite on Wikipedia

Evangelischer Dom Sankt Nikolaus (Westfassade von Westen)

Date:

1258; Part of: [3 quarter of the 13th century](#); From: 01-01-1258 — To: 31-12-1258; 1843/1847; 1887/1893; [1945](#);
Part of: [Mid 20th century](#); From: 01-01-1945 — To: 31-12-1945; 1945/1952

Date of creation:

1201/1300; 1423/1473

Type:

[judgement \(sentence\)](#); [Architecture](#)

Format:

Backstein

Identifier:

obj/20340094-fmd454119

Provenance:

Stendal

Data provider:

[Bildarchiv Foto Marburg](#)

Provider:

[AthenaPlus](#)



Readable?

→ Institution
Bildarchiv Foto Marburg

[Data provider's object view](#)



Location:
Stendal Stendal, Kreis Sachsen-Anhalt - Germany

Object measurements:
Staffelhalle dreischiffig

Use

[Date:](#) 1258

Production

[Date:](#) 1201/1300

[Material/Technique:](#) Backstein

Production

[Date:](#) 1423-1473

Restoration

[Date:](#) 1843-1847

Restoration

[Date:](#) 1887-1893

Part removal

[Date:](#) 1945

Modification

[Date:](#) 1945-1952

Rights:

Foto: Gaasch, Uwe

Rights Holder:

Bildarchiv Foto Marburg

Resource Rights Type:

<http://www.europeana.eu/rights/rr-f/>

Legal status:

CC0 1.0 Public Domain Dedication



Textiles from Naszód, Kolozs county and donation of Fr. Fischbach

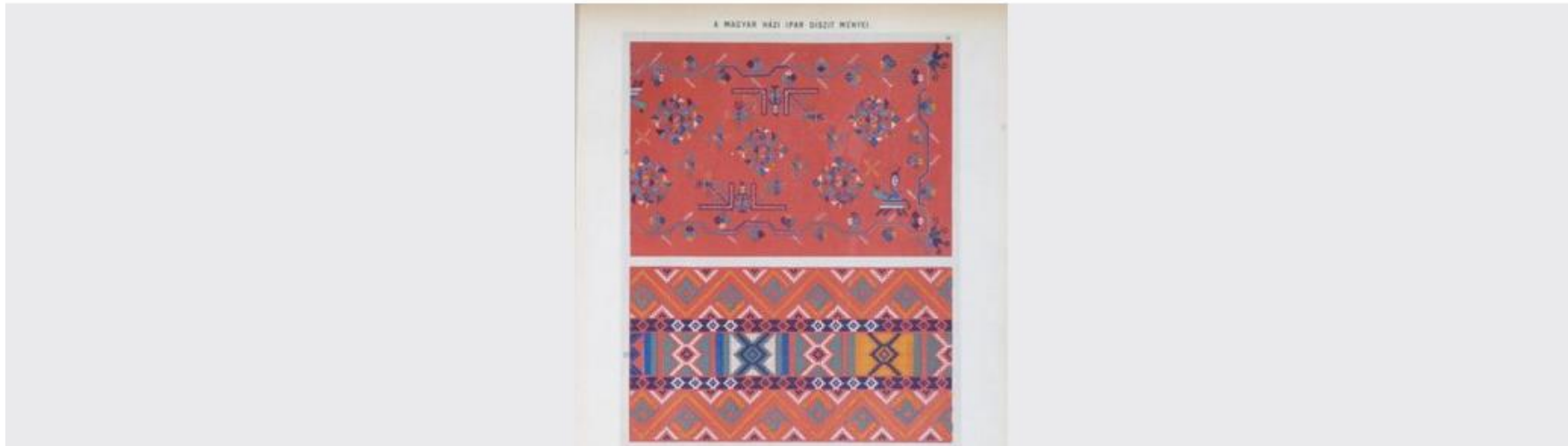
[Link to this page](#)

→ Institution

Schola Graphidis Art Collection, Hungarian University of Fine Arts - High School of Visual Arts, Budapest

www.scholagraphidis.org

[Data provider's object view](#)



Hongrie, publiée par le musée national hongrois. Budapest 1879. - Acta nova musei nationalis Hungarici. T. II. - Budapest : Magyar Kir. Egyetemi Könyvnyomda, 1878. Plate 14. © Schola Graphidis Art Collection, Hungarian University of Fine Arts - High School of Visual Arts, Budapest

Cultural Heritage type:

[Visual Works](#)

Location:

Hungary - Hungary

Object measurements:

37.7 x 26 cm

Creation

○ designed by Fischbach, Friedrich (1839-1908) (designer)

□ **Culture:** Hungarian Romanian

🕒 **Date:** 1878 Historicism

Production

○ printed by Dorndorf, Bernhard (printing house)

💧 **Material/Technique:** chromolithography

Publication

○ published by Hungarian National Museum, Budapest (museum)

Rights:

Schola Graphidis Art Collection, Hungarian University of Fine Arts - High School of Visual Arts, Budapest

Resource Rights Type:

Subject/theme:

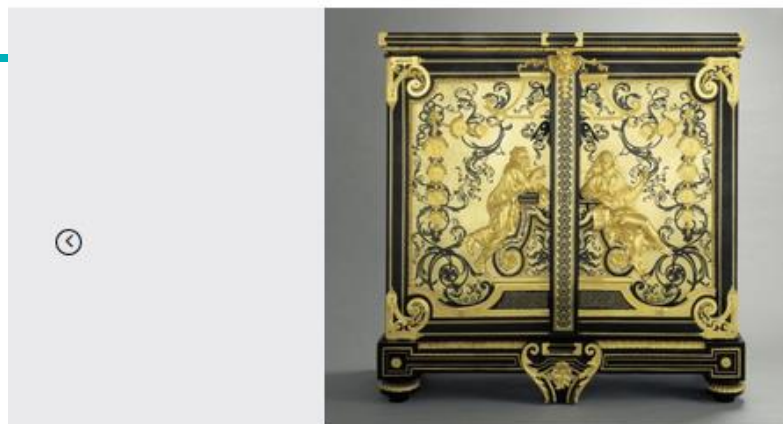
ornaments, decorations, decorative arts, folk art, pattern books

Pair of medal cabinets

[Link to this page](#)

Institution
Royal Collection Trust

[Data provider's object view](#)



Production

○ André-Charles Boulle (1642-1732)
(furniture maker) Attributed to

🕒 **Date:** c.1735-40

📍 **Place:** France

💧 **Material/Technique:** boulle work, mounted, inlaid

Provenance

○ George IV, King of the United Kingdom (1762-1830) (Acquirer)

dar ebony and boullework cabinets; each with two doors mounted in gilt bronze with a kneeling, bearded, man (Socrates) and seated woman (Aspasia), designs in her right hand and points with her left; surrounded by garlands of medals. White marble tops. Twenty-five of these cabinets, dating from three eighteenth century, have been identified. The first group, made under the direction of André-Charles Boulle himself, probably dates from 1705-15; the pair belongs, are repetitions from Boulle's workshop of the 1720s and 1730s. A third group dates from the period after 1760 when a number of new and several existing examples, from the first or second periods, were restored. Although the earliest of these cabinets were certainly intended for medals, as XIV as diplomatic gifts (Présents du Roi), by the 1730s they were as likely to have been used - in spite of their very specific decoration - simply as other articles. In the case of these cabinets and several others of this second group, there is no physical evidence that they ever contained medal shelves, central foot which was originally designed to support the weight of medals. The figures of Socrates and Aspasia (the mistress of Pericles), constant on these cabinets, derive either from Michel Corneille's painting of 1673 on the ceiling of the Salon des Nobles at Versailles or perhaps from a drawing the subject of Boulle's possession. Both figures of Aspasia on the cabinets are signed on the reverse by an unidentified bronze-maker, C(?) Richar[d]. The doors are dated between 1643 and 1697, record the principal events of Louis XIV's reign and are often (as in the present case) of surprisingly low quality. The full the contemporary passion for Boulle furniture and acquired many splendid examples. These cabinets may have been purchased from the dealer they were at Carlton House in the Blue Velvet Closet in 1818 and in the library by 1826. Despatched in 1828 to Morel & Seddon for restoration and placed in at Windsor Castle, they were subsequently transferred to the Grand Corridor. One stamped DELORME (for J.L.F. Delorme, maître 1763, as restorer); AIT par C (?) Richar. Catalogue of the Royal Treasures, A Golden Jubilee Celebration, London 2002.

Production

○ André-Charles Boulle (1642-1732) (furniture maker)
Attributed to

🕒 **Date:** c.1735-40

📍 **Place:** France

💧 **Material/Technique:** boulle work, mounted, inlaid

Provenance

○ George IV, King of the United Kingdom (1762-1830)
(Acquirer)

💧 **Material/Technique:** [None]

Restoration

○ Morel & Seddon (Restorer)

○ Delorme (Restorer)

💧 **Material/Technique:** [None]

Subject/theme:

Medals

Resource Rights Type:



Production

○ André-Charles Boulle (1642-1732)
(furniture maker) Attributed to

Display
with role and attribution

Index

```
<lido:eventActor>
  <lido:displayActorInRole>André-Charles Boulle (1642-1732) </lido:displayActorInRole>
  <lido:actorInRole>
    <lido:actor>
      <lido:actorID lido:type="URI">http://vocab.getty.edu/ulan/500029110</lido:actorID>
      <lido:nameActorSet>
        <lido:appellationValue xml:lang="en">Boulle, André-Charles</lido:appellationValue>
      </lido:nameActorSet>
    </lido:actor>
    <lido:roleActor>
      <lido:term>furniture maker</lido:term>
    </lido:roleActor>
    <lido:attributionQualifierActor>Attributed to </lido:attributionQualifierActor>
  </lido:actorInRole>
</lido:eventActor>
```

Rich metadata,
particularly item
descriptions,
may be subject
to rights
restrictions
(CC0 not
possible)



Object description:

Questo disegno, così come l'altro con l'intera Veduta di piazza Navona, è sicuramente da riferire ai primi anni ottanta del Seicento quando Gaspar van Wittel, da poco a Roma, visitava la città e prendeva appunti sui luoghi più significativi. Il disegno è di grande qualità e si direbbe che l'autore si fosse molto esercitato per eseguire con cura le statue dei fiumi della fontana. La grandiosa opera di Gian Lorenzo Bernini, commissionata da Innocenzo X, era relativamente recente poiché era stata eretta nel 1651, poco più di vent'anni prima dell'arrivo di Gaspar van Wittel a Roma.

Location:

Galleria espositiva della Biblioteca Nazionale Centrale di Roma, viale del Castro Pretorio, 105, Roma (RM), inv.
Dis_3_III_13 - Rome (inhabited place), Italy

Object measurements:

altezza: mm 386; larghezza: mm 656;

Creation

Wittel, Gaspar van (1653-1736)

Date: sec. XVII

Material/Technique: Penna, inchiostro, matita, acquerello
grigio su diversi fogli di carta quadrettata a penna e
trasferita su un supporto di tela azzurra.

Rights Work Holder:

Biblioteca nazionale centrale di Roma

Resource Rights Type:

<http://www.europeana.eu/rights/rr-f/>

Legal status:

reserved rights

Visual Works

Built Environment (62)

Furnishings and Equipment (317)

Visual and Verbal
Communication (1212)

➤ Information Forms (98)

✓ Visual Works (1114)

- bas-reliefs (sculpture) (0)
- busts (figures) (0)
- drawings (visual works) (0)
- figurines (0)
- glass plate negatives (0)
- idols (0)
- medallions (medals) (0)
- miniatures (paintings) (0)
- mummies (bodies) (0)
- paintings (visual works) (0)
- photographs (0)
- prints (visual works) (0)
- reliefs (sculptures) (0)
- retables (altar appendages) (0)
- scroll paintings (0)
- sculptures (visual works) (0)
- stained glass (visual works) (0)
- statues (0)



"The Kitchen Maid"



'Noli Me Tangere'



Ἀνθρώποι – People



A Calm: A States Yacht under Sail
close to the Shore with many
other Vessels



A capriccio with a monumental
staircase



A catte



A Country Cobbler



A Country House on the Vliet
near Delft



A Courtyard in Delft at Evening: a
Woman Spinning



A Day of Celebration



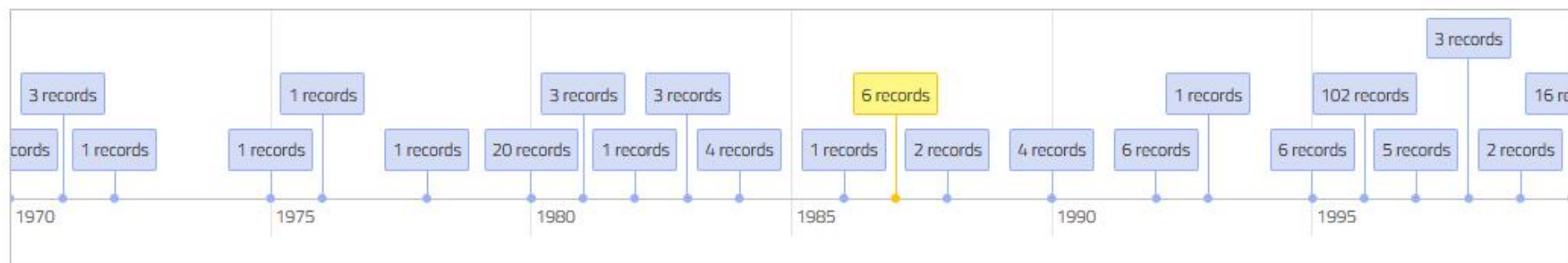
A deluge



A Flemish Fair



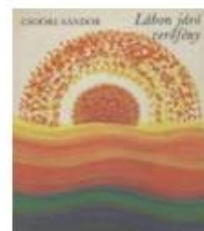
By Time



Abbau der ständigen Ausstellung des Ägyptischen Museums und der Papyrussammlung im Bode-Museum



Altar to the Chases High School (Autel Chases)



Lábon járó verőfény : [versek]



Mechanischer Weihnachtsberg

Regine Stein

Bildarchiv Foto Marburg - Philipps-Universität Marburg

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