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The Renewal of Ancient Numismatics in the Digital Era

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The renewal of ancient numismatics in the digital era

Caroline Carrier et Ludovic Trommenschlager



Orient &
Méditerranée
UMR 8167



université
PARIS-SACLAY

{ BnF | Bibliothèque
nationale de France

Today, there are around **20 open access portals** allowing researchers to gather thousands of coins held in museums around the world.

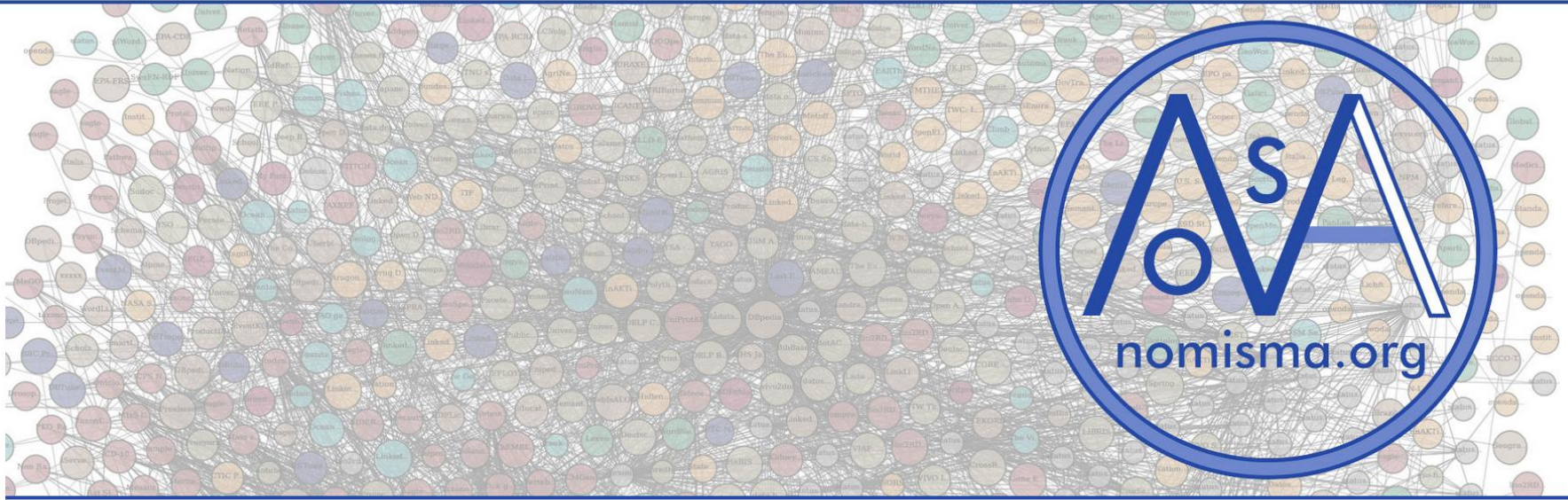
Coins are a very important archaeological and historical source:

- they are a testimony of the representation of states
- they are a source about the economy and about politics
- for the Greek world at least, it's also often the only source we have covering the entire political history of a state
- It's a precious archaeological artefact to date contexts

=> The study of ancient coins matters for all historians and archaeologists

The renewal of ancient numismatics in the digital era

- I. The main websites in Greek, Roman and Celtic numismatics
 - II. Their contributions to the discipline and beyond
 - III. The main obstacles to this kind of project



Nomisma.org is an **international, collaborative project** to provide stable digital representations of numismatic concepts according to the principles of Linked Open Data. The web site has been created in 2010 with the open source **software Numishare** created by Ethan Gruber. The project was led by Andrew Meadows and Sebastian Heath from the American Numismatic Society in New York.

Nomisma.org

Nomisma.org is an international, collaborative project to provide stable digital representations of numismatic concepts according to the principles of [Linked Open Data](#) (LOD). These take the form of HTTP URIs that also provide access to reusable information about those concepts, along with links to other resources. The Nomisma.org community maintains a formalized [RDF Ontology](#) and a data model for encoding concepts, coins, typologies, hoards, and other types of numismatic objects as LOD.

Since 2010, the nomisma.org project has been hosted and financially supported by the American Numismatic Society in New York. It was founded by Andrew Meadows, then deputy director of the Society, and Sebastian Heath, its data scientist. The current Principal Developer of the Nomisma project is Ethan Gruber, Director of Data Science at the ANS.

The information made available by Nomisma.org has been provided by a wide community of scholars and institutions. All concepts published by Nomisma.org domain are openly accessible with a CC-BY license. See the [Datasets](#) page for further license statements for partner contributions to the Nomisma.org LOD ecosystem.

If you would like to support the work of the ANS and the wider numismatic community in maintaining this resource for future generations, please consider making a donation to the ANS by visiting <https://numismatics.org/giving/>.

Get Involved

We are interested in [contributions](#) of open numismatic data. If you are a scholar willing to contribute expertise to expand the scope of Nomisma's coverage of concepts, please contact a relevant [Working Group](#) or the [Scientific Committee](#) to establish a new one.

Get Data

Nomisma.org concept and contributing partner [Linked Open Data](#) are available as bulk downloads. A [SPARQL endpoint](#) integrates these data and enables querying to answer complex research questions.

Conduct Research

Nomisma.org has built-in typological [distribution](#) and [metrical](#) analysis features, but most research tools available in thematic projects listed in the [About](#) page. We plan to expand these graphical tools in Nomisma eventually, but the [SPARQL examples](#) provide a tutorial for

Browse Nomisma IDs

Keyword [Filters](#)

Concept Type

Field of Numismatics

Sort

1 to 100 of 8127 total results.

[Download CSV](#) [Atom Feed](#) [Toggle SPARQL Query](#)

⏪ ⏩ 1 ⏪ ⏩

Asculum

Definition The mint at the a
Type [Mint](#), [Concept](#)

Umar ibn Yahya

Definition Umar ibn Yahya
Type [Person](#), [Concept](#)

Clay

Definition Clay is a fine-grained natural rock or soil material that combines one or more clay minerals with traces of metal oxides and organic matter.
Type [Material](#), [Concept](#)

Anaxidikos (II)

Definition An individual who issued coins at the ancient city of Abdera, 439/437-411/410 BC. See J. May, *The Coinage of Abdera (540-345 B.C.)* (London, 1966), pp. 44-48.

Browse Nomisma IDs

Keyword [Filters](#)

Concept Type

Field of Numismatics

Sort

- Select Field...
- Byzantine Numismatics
- Carolingian Numismatics
- Celtic Numismatics
- East Asian Numismatics
- Greek Numismatics
- Indian Numismatics
- Indo-Greek Numismatics
- Islamic Numismatics
- Jewish Numismatics
- Latin American Numismatics
- Medieval Austrian Numismatics
- Medieval European Numismatics
- Medieval French Numismatics
- Medieval German Numismatics
- Medieval Italian Numismatics
- Medieval Latin East Numismatics
- Medieval Scandinavian Numismatics
- Medieval Spanish Numismatics

1 to 100 of 8127 total results.

Asculum

Definition The mint at the a
Type [Mint](#), [Concept](#)

Umar ibn Yahya

Definition Umar ibn Yahya
Type [Person](#), [Concept](#)

... official in Egypt.

Clay

Definition Clay is a fine-grained natural rock or soil material that combines one or more clay minerals with traces of metal oxides and organic matter.
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Type [Person](#), [Concept](#)

[Download CSV](#) [Atom Feed](#) [Toggle SPARQL Query](#)

⏪ ⏩ 1 ⏪ ⏩

Athens (Mint, Concept)

Canonical URI: <http://nomisma.org/id/athens>

Labels

Preferred Label Athens (*en*), Athen (*de*), Athènes (*fr*), Atene (*it*), Αθήνα (*el*), Atenas (*es*) *Additional labels* ▶

Alternate Label Athenai (*en*)

Definitions

en The mint at the ancient site of Athens in Attica.

Geospatial Data

URI: <http://nomisma.org/id/athens#this>

Latitude 37.974722
Longitude 23.7225
Part Of <http://nomisma.org/id/attica#this>

Relations

Broader Concept <http://nomisma.org/id/attica>

Close Match <http://catalogue.bnf.fr/ark:/12148/cb11936474k>

Close Match <http://collection.britishmuseum.org/id/place/x22744>

Close Match <http://d-nb.info/gnd/4003366-1>

Close Match <http://dbpedia.org/resource/Athens>

Close Match <http://geonames.org/264371>

Close Match <http://sws.geonames.org/264371/>

Close Match <http://sws.geonames.org/6947693/>

Close Match <http://viaf.org/viaf/312916042>

Close Match <http://vocab.getty.edu/tgn/7001393>

Close Match <http://www.wikidata.org/entity/Q1524>

Close Match <https://ikmk.smb.museum/ndp/ort/436>

Close Match <https://pleiades.stoa.org/places/579885>

Close Match <https://www.freebase.com/m/0n27>

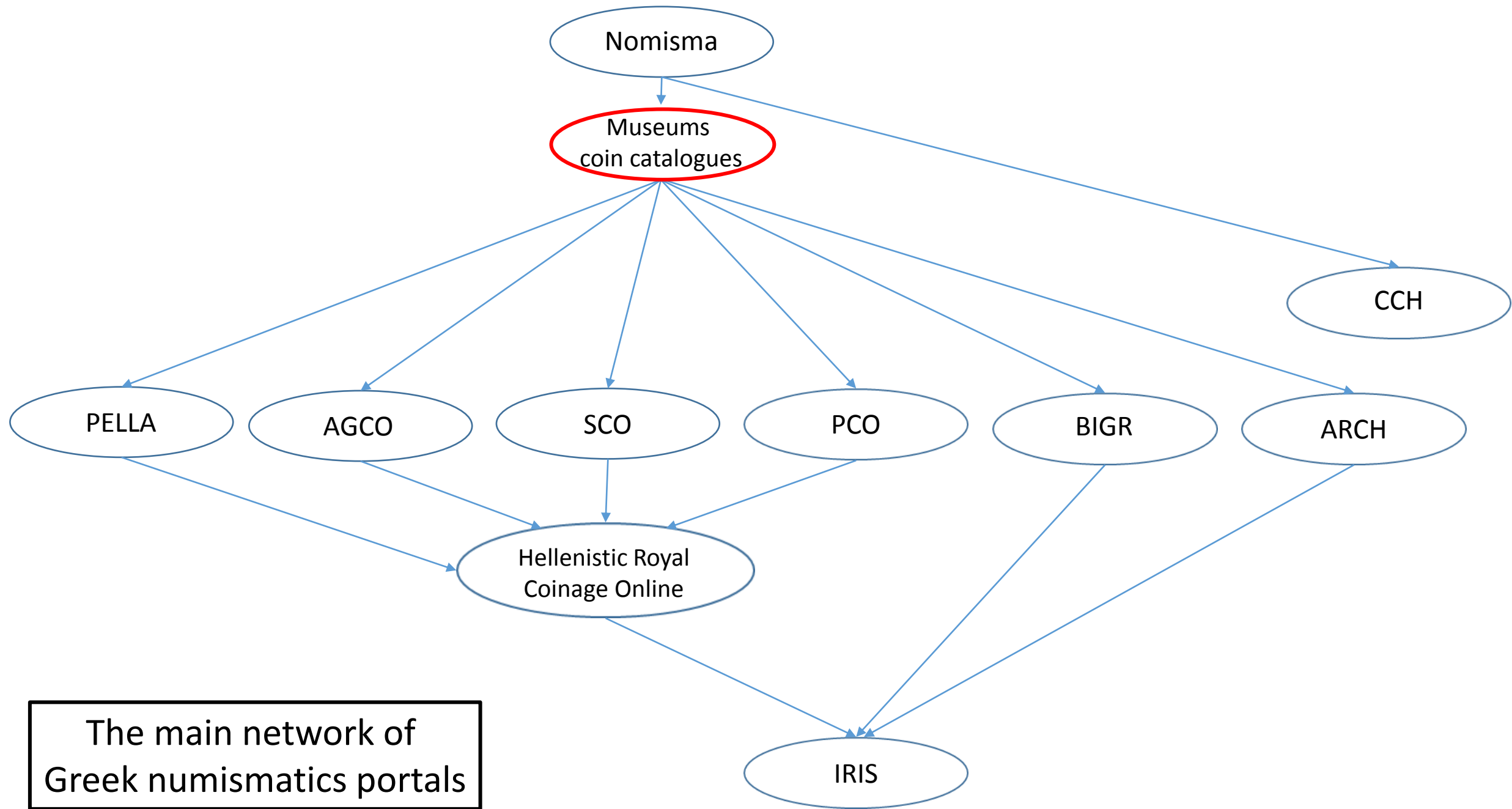
Export

[Linked Data](#) [GitHub File](#) [RDF/XML](#) [RDF/TTL](#) [JSON-LD](#)

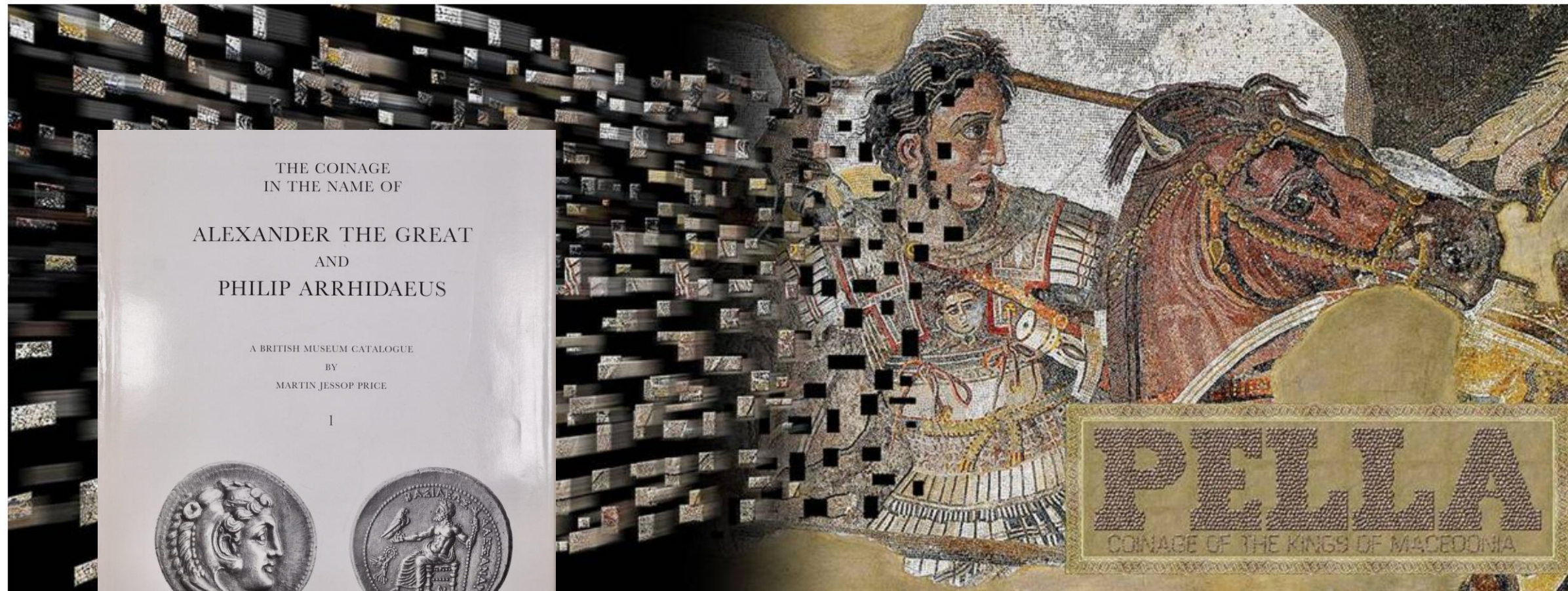
[Geographic Data](#) [KML](#) [GeoJSON](#)



Mints **Hoards** **Finds** [View fullscreen](#)



The main network of Greek numismatics portals



Les rois macédo...
mines de métau...
monumentale. D...
frappées par les...
mêmes et celui...
destiné à comb...
jusqu'à Philippe...
au nom de ces r...
l'ANS, du Cabinet des médailles des musées d'Etat de Berlin et au British Museum. Avec le temps, le catalogue englobera les monnayages des rois précédents et des exemplaires d'autres collections.

PELLA est appuyé sur les identifiants numismatiques stables et la méthodologie linked open data établie par le projet [nomisma.org](https://numismatics.org/nomisma). Les données des types monétaires sont rendues accessibles par une licence [Open Database](https://numismatics.org/open-database). Toutes les images sont sous copyright de leurs institutions respectives. La version actuelle de PELLA est construite sur le système de numérotation créé par Martin Price, *The Coinage in the Name of Alexander the Great and Philip Arrhidæus*, Londres 1991.

é le monnayage le plus influent du monde grec ancien. Tout d'abord alimentée par les dants trésors de l'empire perse, la production monétaire des Argéades a été avant J.-C.) et Alexandre le Grand (roi de 336 à 323 avant J.-C.) ont continué d'être centrale, en Europe centrale, et en Arabie. Le monnayage émis par les Argéades eux-même catalogue complet facilement accessible. PELLA est un nouvel outil de recherche de I (roi de 498 à 454 avant J.-C.), le premier roi de Macédoine à frapper monnaie, s en compte les nombreuses émissions civiques et les monnaies des règnes suivants (au nom) d'Alexandre le Grand et Philippe Arrhidée figurant dans les collections de

<https://numismatics.org/pella/>

Support



NATIONAL
ENDOWMENT
FOR THE
HUMANITIES

Options de données



Géographique

Mints: GeoJSON, KML

Keyword

Chercher 

Raffiner le résultat

Stated Authority: Alexandre le Gr...

Autorité émettrice ▾

Divinité ▾

Dénomination ▾

Emetteur ▾

Matériau ▾

Atelier ▾

Région ▾

Symbole ▶

TypeNumber

Wildcards * and ? are supported.

Intervalle chronologique

A partir de l'année

 CE ▾

Jusqu'à l'année

 CE ▾

Filtres Résultats géographiques

Stated Authority: Alexandre le Grand ✕

Afficher les références 1 à 20 à partir de 4270 résultats

Sélectionner à partir de la liste ▾

Ordre ascendant ▾

Classer les résultats



Price 3075A

Date	320 BCE - 280 BCE
Dénomination	Tétradrachme
Atelier	Valeur incertaine
Avers/Droit	Tête d'Héraclès imberbe à dr. coiffé d'une dépouille de lion
Revers	ΑΛΕΞΑΝΔΡΟΥ: Zeus assis à g. sur un trône, un aigle dans la main dr. tendue et un sceptre dans la main g.

Price 1

Date	336 BCE - 323 BCE
Dénomination	Tétradrachme
Atelier	Amphipolis
Avers/Droit	Tête d'Héraclès imberbe à dr. coiffé d'une dépouille de lion
Revers	ΑΛΕΞΑΝΔΡΟΥ: Zeus assis à g. sur un trône, un aigle dans la main dr. tendue et un sceptre dans la main g.



objects: 4

Price 2

Date	336 BCE - 323 BCE
Dénomination	Drachme
Atelier	Amphipolis
Avers/Droit	Tête d'Héraclès imberbe à dr. coiffé d'une dépouille de lion
Revers	ΑΛΕΞΑΝΔΡΟΥ: Aigle à dr., tête retournée, debout sur un foudre

Price 3

Date	336 BCE - 323 BCE
Dénomination	Diobole
Atelier	Amphipolis
Avers/Droit	Tête d'Héraclès imberbe à dr. coiffé d'une dépouille de lion
Revers	ΑΛΕΞΑΝΔΡΟΥ: Deux aigles affrontés sur un foudre

Price 3A

Date	336 BCE - 323 BCE
Dénomination	Obole
Atelier	Amphipolis

To fill in the portal, museums worked together to establish a common description protocol in several languages for the coin types, they took pictures of their coins, and they hired people to catalogue their collections. Then the notices were linked to PELLA. Today around **21 000 coins from 23 museums are classified in PELLA** and the **website is available in 18 languages.**

Price 6

Canonical URI: <http://numismatics.org/pella/id/price.6>

Exemples de ce type | Analyse quantitative | Annotations

Description typologique

Type d'objet: Monnaie

Intervalle chronologique: 336 BCE - 323 BCE

Dénomination: Tétradrachme

Technique d'émission: Frappé

Matériau: Argent

Autorité émettrice

Autorité émettrice: Alexandre le Grand

Dynastie: Argéades

Etat: Royaume de Macédoine

Stated Authority: Alexandre le Grand

Dynastie: Argéades

Etat: Royaume de Macédoine

Géographique

Atelier: Amphipolis (*Valeur incertaine*)

Région: Europe–Macedon–Strymonian and Bottiaean District

Avers/Droit

Type: Tête d'Héraclès imberbe à dr. coiffé d'une dépouille de lion

Divinité: Héraclès

Revers

Légende: ΑΛΕΞΑΝΔΡΟΥ

Type: Zeus assis à g. sur un trône, un aigle dans la main dr. tendue et un sceptre dans la main g.

Divinité: Zeus

Symbole (Dans le champ gauche): janiform-head vase

TypeSeries: Price (1991)

Carte



Légende



Atelier



Hoard



Lieu de
découverte

View map in fullscreen.

Exemples de ce type [Download CSV](#)

Records 1 to 48 of 50

1 Next 2

Silver Coin of Alexander III of Macedon, Amphipolis, 336 BCE - 323 BCE. 1944.100.26724

Collection American Numismatic Society

Axe 10

Poids 17.05



Silver Coin of Alexander III of Macedon, Amphipolis, 336 BCE - 323 BCE. 1944.100.26729

Collection American Numismatic Society

Axe 10

Poids 16.89



Silver Coin of Alexander III of Macedon, Amphipolis, 336 BCE - 323 BCE. 1944.100.26730

Collection American Numismatic Society

Axe 10

Poids 16.96



Symbols

Click the buttons for letters below in order to select them in order to filter for only those monograms that contain the letters (click Refine Search after the selection is complete). Clicking a selected letter again will deselect it.

Grec

Α Β Γ Δ Ε Ζ Η Θ Ι Κ Λ Μ Ν Ξ Ο Π Ρ Σ Τ Υ Φ Χ Ψ Ω

Refine Search

Records 1 to 24 of 1207



Price Monogram 1000 [Q](#)
: K, Y, and O



Price Monogram 1001 [Q](#)
: K, O, and E



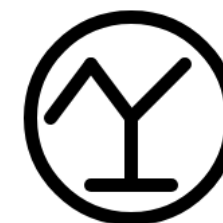
Price Monogram 1004 [Q](#)
: O and Λ



Price Monogram 1005 [Q](#)
: O, Λ, and Y



Price Monogram 1006 [Q](#)
: Λ, Y, and O



Price Monogram 1007 [Q](#)
: Λ, Y, and O



Price Monogram 1008 [Q](#)
: Λ, O, and Γ



Price Monogram 1010 [Q](#)
: O and M



Price Monogram 1011 [Q](#)
: O and M



Price Monogram 1012 [Q](#)
: O, M, and E



Price Monogram 1013 [Q](#)
: O, M, and Y



Price Monogram 1014 [Q](#)
: O, M, and Y



Price Monogram 1015 [Q](#)
: O and M



Price Monogram 1016 [Q](#)
: O, M, and Ψ



Price Monogram 1017 [Q](#)
: O, M, and Y



Price Monogram 1018 [Q](#)
: O, Π, and M



Price Monogram 1019 [Q](#)
: O, M, and Π



Price Monogram 1020 [Q](#)
: O, M, and Π

Symbols

Click the buttons for letters below in order to select them in order to filter for only those monograms that contain the letters (click Re

Grec

A B Γ Δ E Z H Θ I K Λ M N Ξ O Π P Σ T Y Φ

Refine Search

Records 1 to 24 of 1207

The **portal is evolutionary:** the new varieties discovered during the cataloguing process have been recorded and will be added to the next version.



Price Monogram 1000 Q
: K, Y, and O



Price Monogram 1008 Q
: Λ, O, and Γ



Price Monogram 1015 Q
: O and M



Price Monogram 1016 Q
: O, M, and Ψ



Price Monogram 1017 Q
: O, M, and Y



Alexander the Great. A Linked Open World

Edited by

Simon GLENN, Frédérique DUYPAT

and Andrew MEADOWS

2 3 4 ... Next 51



Price Monogram 1007 Q
: Λ, Y, and O



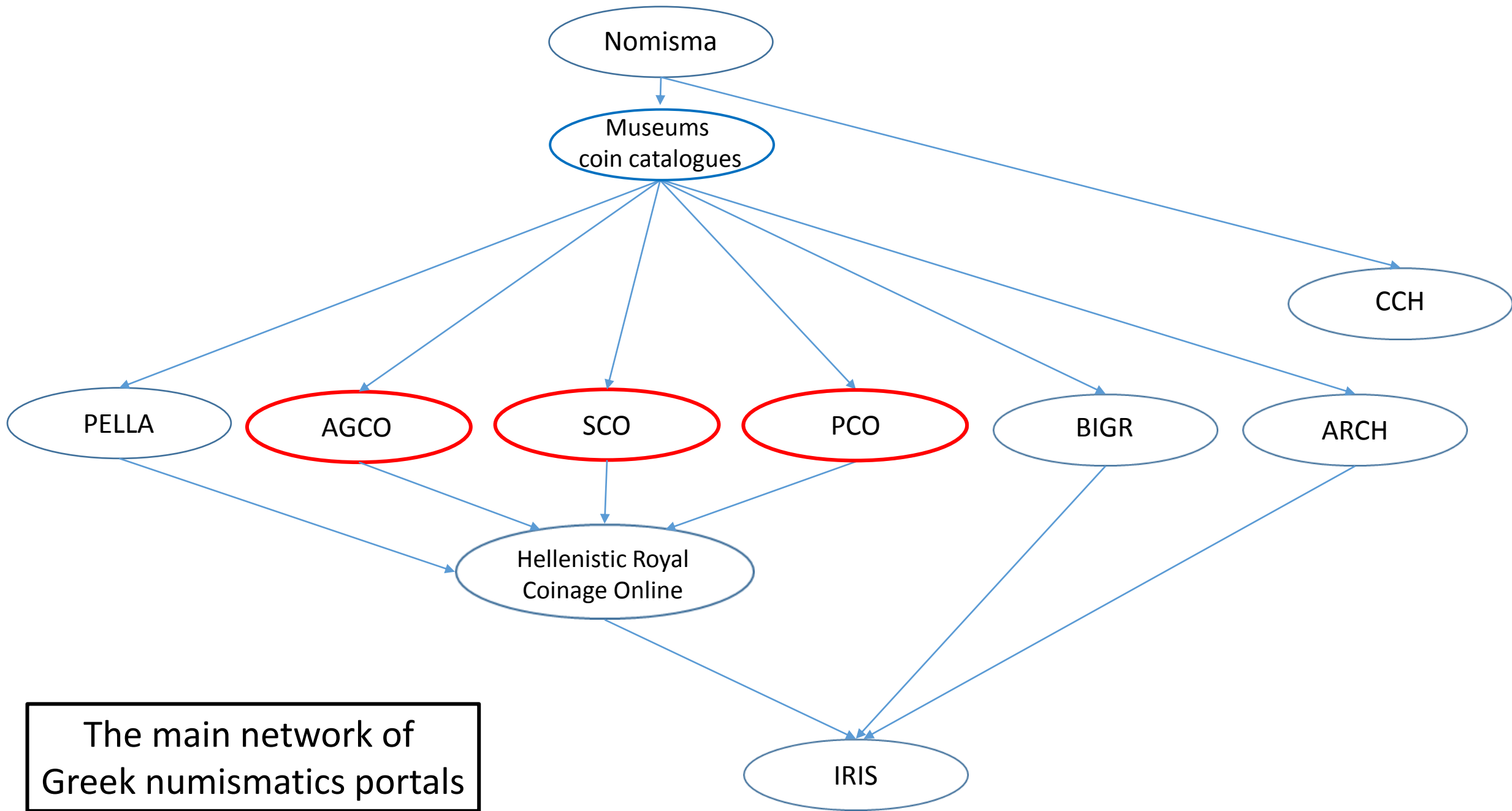
Price Monogram 1014 Q
: O, M, and Y

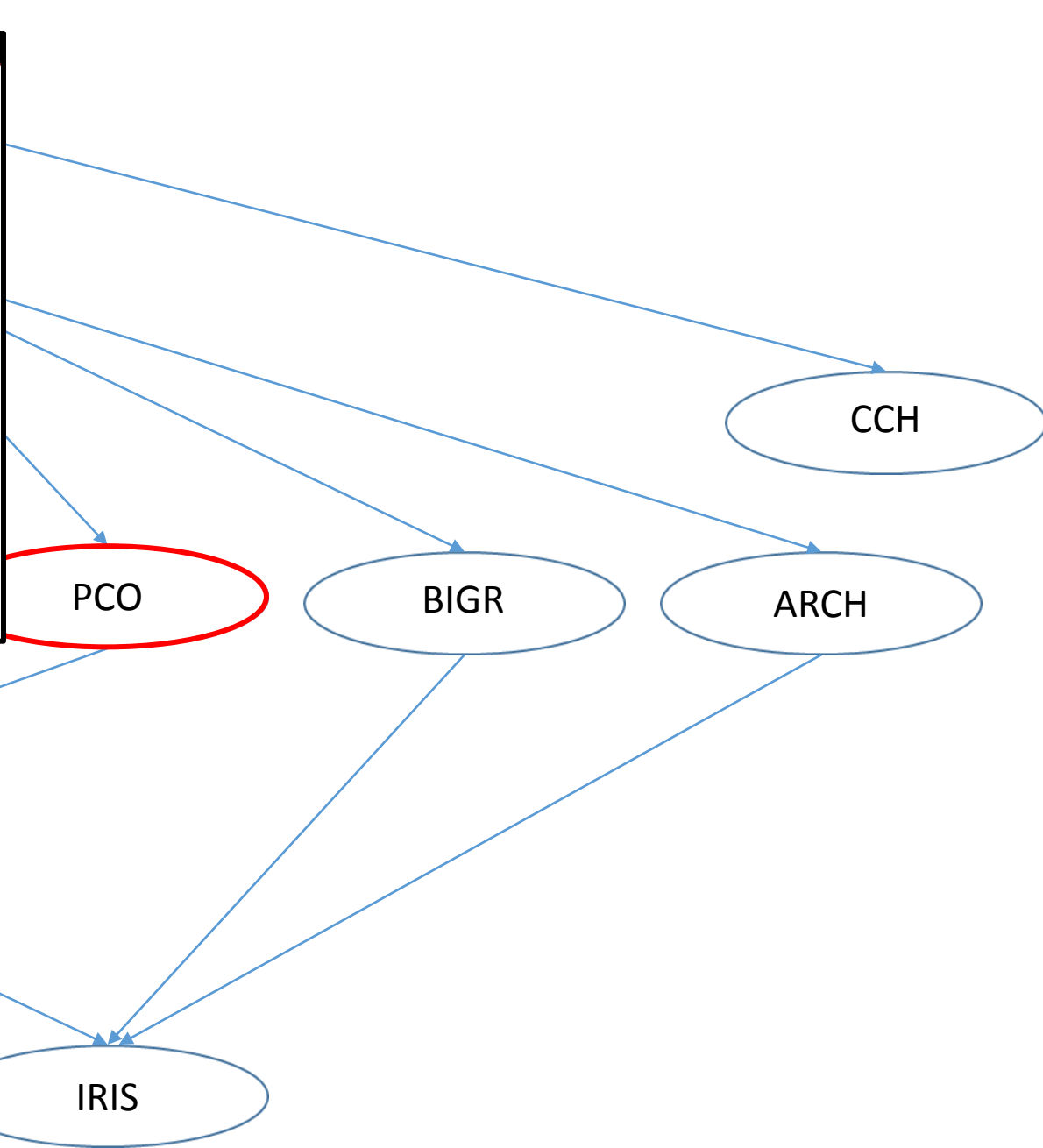


Price Monogram 1020 Q
: O, M, and Π

Price Monogram 1018 Q
: O, Π, and M

Price Monogram 1019 Q
: O, M, and Π





The main network of Greek numismatics portals

Ptolemaic Coins Online Explorer Chercher Cartes Symbols Contributors Visualiser la recherche APIs About Langue

As part of the National Endowment for the Humanities funded Hellenistic Royal Coinages project, Ptolemaic Coins Online (PCO) is a new research tool that will ultimately provide wide access to the coins listed in the print volumes of *Coins of the Ptolemaic Empire* by Catharine C. Lorber, the first attempt to provide a new, comprehensive standard typology and catalogue for the coinage produced by the Ptolemaic dynasty of Egypt since Ioannis Svoronos's *Ta νομίσματα του κράτους των Πτολεμαίων* published in 1904–1908. The print volumes of *Coins of the Ptolemaic Empire* will eventually appear in four parts: Volume I was published in 2018 covering the gold and silver coinage (Part I) and bronze coinage (Part II) of Ptolemy I (r. 323–282 BC) through Ptolemy IV (r. 221–204 BC); Volume II covering the gold and silver coinage (Part I) and bronze coinage (Part II) of Ptolemy V (r. 203–181 BC) through Cleopatra VII (r. 51–30 BC) is expected to appear in print by 2021. The current version of PCO, released in April 2020, covers the coinage found in Volume I, Parts I and II of *Coins of the Ptolemaic Empire*. Subsequent updates to PCO will occur when Volume II of *Coins of the Ptolemaic Empire* is released.

While the Ptolemaic coins in the ANS collection (some 3,371 pieces) serve as the core of the searchable catalogue, an effort will be made to illustrate all types in the database, ultimately with links to coins in the Bibliothèque nationale de France, the British Museum, the Münzkabinett der Staatliche Museen zu Berlin, and other public and private collections. Users should note that catalogue is searchable both by *Coins of the Ptolemaic Empire* (CPE) catalogue numbers and Svoronos (sv) catalogue numbers.

Linked Data

Support

NATIONAL ENDOWMENT FOR THE HUMANITIES

Seleucid Coins Online Explorer Chercher Cartes Symbols Contributors Visualiser la recherche APIs About Langue

In January, 2018, the American Numismatic Society launched Seleucid Coins Online. At the time it was announced that the development of Seleucid Coins Online (SCO) would take place in two parts in imitation of the print volumes, *Seleucid Coins: A Comprehensive Catalogue* by Arthur Houghton, Catharine Lorber, and Oliver Hoover, published in two parts in 2002 and 2008 by the American Numismatic Society and Classical Numismatic Group, Inc. The first part, by Houghton and Lorber, presented and interpreted the numismatic material for Seleucus I to Antiochus III known up to 2002. The second part, by Houghton, Lorber, and Hoover, did the same for the Seleucid kings from Seleucus IV to Antiochus XIII. In total, more than 2,491 primary coin types were published in these volumes.

This current version of SCO (v.2), launched in November, 2018, completes the type corpus incorporating material related to Seleucid Coins, Part I, covering the reigns from Seleucus I to Antiochus II (c. 320–187 BC), and the material in Part II covering the reigns from Seleucus IV to Antiochus XIII (167–64 BC) as well as the posthumous Roman imitations (63–14/13 BC). Note that the numbering system of SCO now corresponds fully to the print publications; the numbering system used in SCO v.1 has been deprecated.

As part of the National Endowment for the Humanities funded Hellenistic Royal Coinages project, Seleucid Coins Online (SCO) is a new research tool that will provide wide access to the coins listed in the print volumes of *Seleucid Coins*—not only the entries in the main catalogue, but also pieces presented separately in the appendices (e.g., plated issues, non-Seleucid coins bearing Seleucid countermarks, etc.). While the Seleucid coins in the ANS collection (some 5,129 pieces) serve as the core of the searchable catalogue, all types in the original publications will be included in the database, ultimately with links to coins (many of which are unique) in the Bibliothèque nationale de France, the British Museum, the Münzkabinett der Staatliche Museen zu Berlin, and other public and private collections. When necessary, entries in the catalogue will provide corrections to descriptions and interpretation with explanatory commentary by Oliver Hoover. Links to relevant bibliography in *DOAJ*, the ANS online library catalogue, and eventually to articles are envisioned for the future in order to make Seleucid Coins Online virtually a one-stop research tool for Seleucid numismatics.

Seleucid Coins Online will also stand at the cutting edge of the discipline through the inclusion of new coin types and varieties that have been recorded since 2008. Previously unknown material has been appearing at a rate of about 100 coins per year and there is no indication that the flow is ready to stop anytime soon. Seleucid Coins Online will be the only place where researchers can keep track of such new coins comprehensively and the expanding picture of Seleucid economic, political, and art history that they reveal. Frequent updates to the website will permit users to find and learn about new material almost at the rate at which it is discovered, thereby making Seleucid Coins Online the most up-to-date catalogue available.

Support

NATIONAL ENDOWMENT FOR THE HUMANITIES

In March 2017, the National Endowment for the Humanities awarded Seleucid Coins Online \$262,000 as part of the broader *Hellenistic Royal Coinages (HRC)* initiative. This grant is issued through the NEH Humanities Collections and Reference Resources program, to be dispersed over three years, to complete the project.

Hellenistic Royal Coinage Online

IRIS

The main network of Greek numismatics portals

Ptolemaic Coins Online Explorer Chercher Cartes Symbols Contributors Visualiser la recherche APIs About Langue

rechercher

Ptolemaic Coins Online

Support

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While the Ptolemaic coins in the ANS collection (some 3,371 pieces) serve as the core of the searchable catalogue, an effort will be made to illustrate with links to coins in the Bibliothèque nationale de France, the British Museum, the Münzkabinett der Staatliche Museen zu Berlin, and other public institutions. Users should note that catalogue is searchable both by *Coins of the Ptolemaic Empire* (CPE) catalogue numbers and Svoronos (Sv) catalogue numbers.

Linked Data

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rechercher

SCO

SELEUCID COINS ONLINE

Support

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This current version of SCO (v.2), launched in November, 2018, completes the type corpus incorporating material related to Seleucid Coins, Part I, covering the reigns from Seleucus I to Antiochus II (c. 326–187 BC), and the material in Part II covers the reigns from Seleucus IV to Antiochus XIII (187–64 BC) as well as the posthumous Roman imitations (63–14/13 BC), called the *Antiochus III* imitations.

This tool that will provide wide access to the coins listed in the print volumes of *Seleucid Coins: A Comprehensive Catalogue* by Arthur Houghton, Catharine Lorber, and Oliver Hoover, published in two parts in 2002 and 2006 by the American Numismatic Society and Classical Numismatic Group, Inc. The first part, by Houghton and Lorber, presented and interpreted at the numismatic material for Seleucus I to Antiochus III known up to 2002. The second part, by Houghton, Lorber, and Hoover, did the same for the Seleucid kings from Seleucus IV to Antiochus XIII. In total, more than 2,491 primary coin types were published in these volumes.

While the Seleucid coins in the ANS collection (some 3,371 pieces) serve as the core of the searchable catalogue, an effort will be made to illustrate with links to coins in the Bibliothèque nationale de France, the British Museum, the Münzkabinett der Staatliche Museen zu Berlin, and other public institutions. Users should note that catalogue is searchable both by *Seleucid Coins: A Comprehensive Catalogue* (SCC) catalogue numbers and Svoronos (Sv) catalogue numbers.

Linked Data

NATIONAL ENDOWMENT FOR THE HUMANITIES

In March 2017, the National Endowment for the Humanities awarded Seleucid Coins Online \$262,000 as part of the broader Hellenistic Royal Coinages (HRC) initiative. This grant is issued through the NEH Humanities Collections and Reference Resources program, to be dispersed over three years, to complete the project.

Antigonid Coins Online Explorer Chercher Cartes Symbols Contributors Visualiser la recherche Feedback APIs Langue

rechercher

AGCO

Antigonid Coins Online

Support

As part of the National Endowment for the Humanities funded Hellenistic Royal Coinages project, Antigonid Coins Online (AGCO) is a new research tool that will provide wide access to the coins listed in various print typologies of the coinages produced by the Hellenistic Antigonid dynasty (306–168 BC). This first version of AGCO, launched in July 2020, features only the coinage of Demetrius I Poliorcetes (r. 294–287 BC) based on the typology published in Edward T. Newell's 1927 volume, *The Coinages of Demetrius Poliorcetes* with cross-references as well to those types in the name of Alexander II of Macedon catalogued by Martin Price in his 1991 volume *The Coinage in the Name of Alexander the Great and Philip Arrhidaeus*. Future versions of AGCO will incorporate the coinages of additional Antigonid kings. While the coins of Demetrius in the ANS collection serve as the core of the current searchable catalogue, links to coins (many of which are unique) in the Bibliothèque nationale de France, the British Museum, the Münzkabinett der Staatliche Museen zu Berlin, and other public and private collections, are also available.

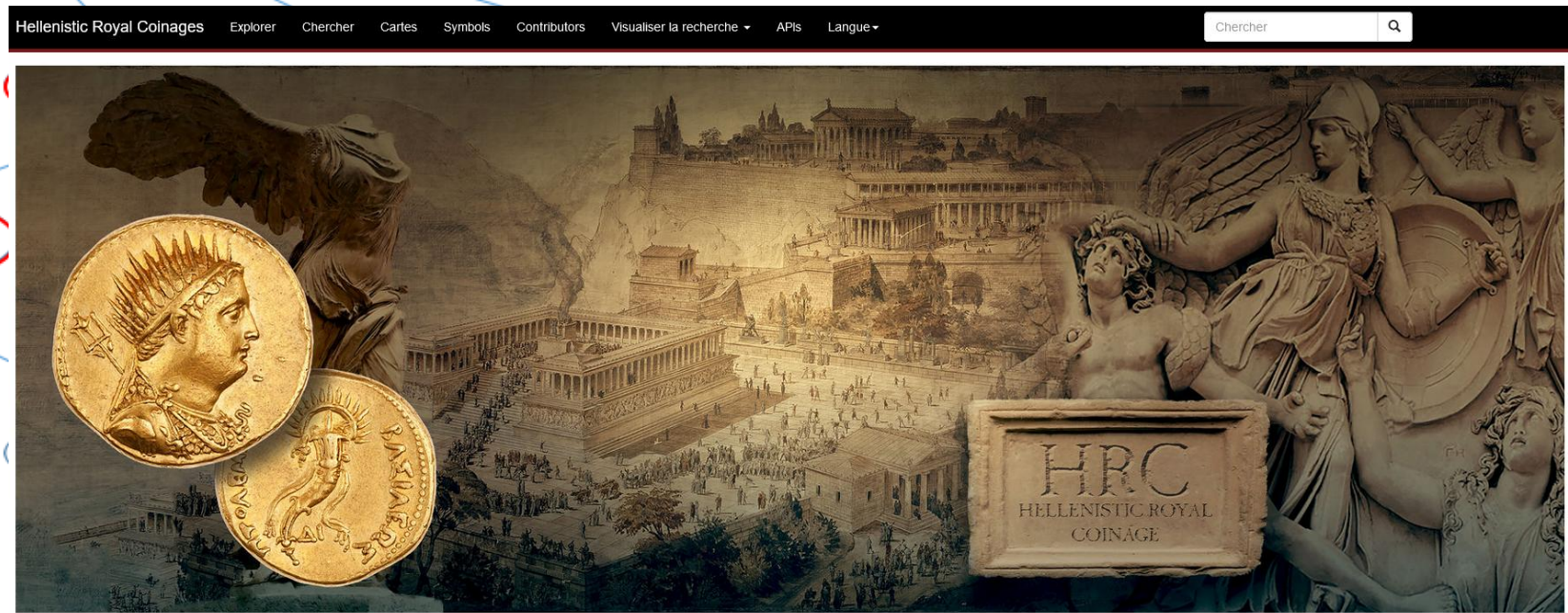
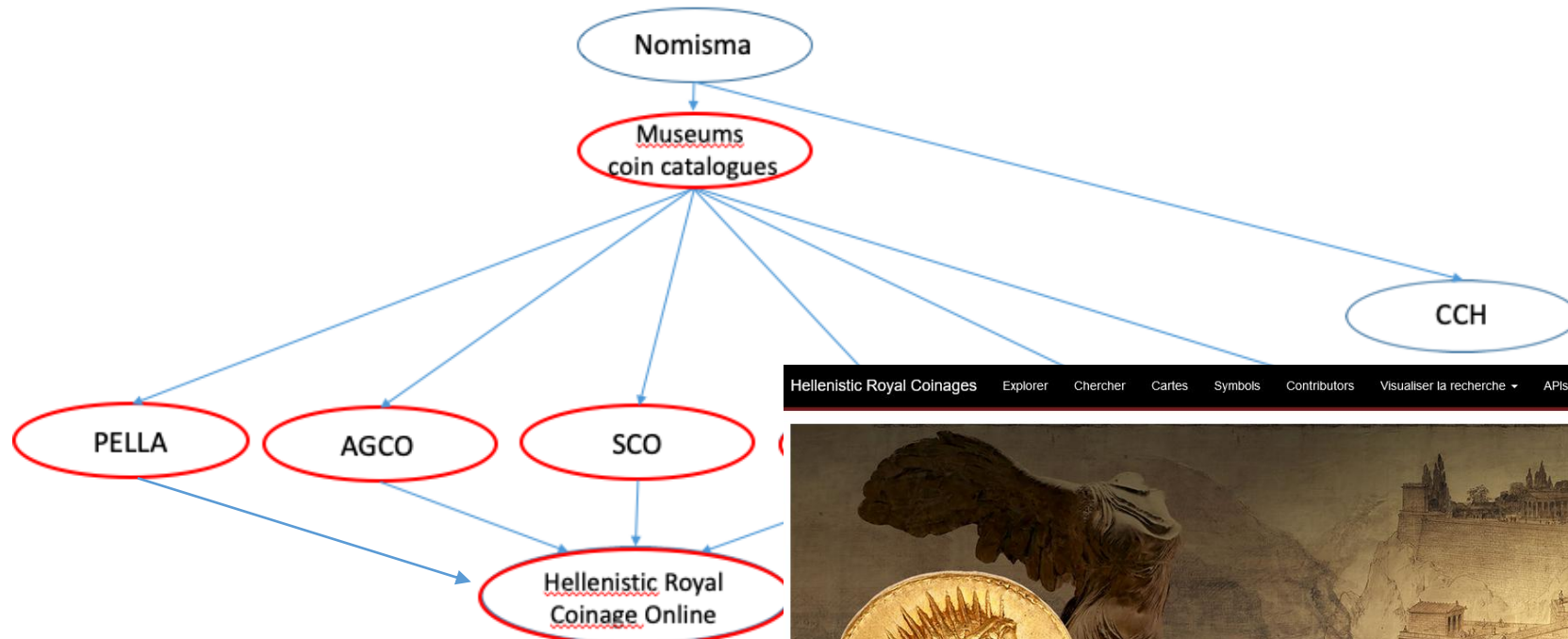
While the Antigonid coins in the ANS collection (some 3,371 pieces) serve as the core of the searchable catalogue, an effort will be made to illustrate with links to coins in the Bibliothèque nationale de France, the British Museum, the Münzkabinett der Staatliche Museen zu Berlin, and other public institutions. Users should note that catalogue is searchable both by *Antigonid Coins Online* (ACO) catalogue numbers and Svoronos (Sv) catalogue numbers.

Linked Data

NATIONAL ENDOWMENT FOR THE HUMANITIES

In March 2017, the National Endowment for the Humanities awarded Antigonid Coins Online \$262,000 as part of the broader Hellenistic Royal Coinages (HRC) initiative. This grant is issued through the NEH Humanities Collections and Reference Resources program, to be dispersed over three years, to complete the project.

The main network of Greek numismatics portals



The 4 portals have been gathered in another portal named **“Hellenistic Royal Coinage Online”**

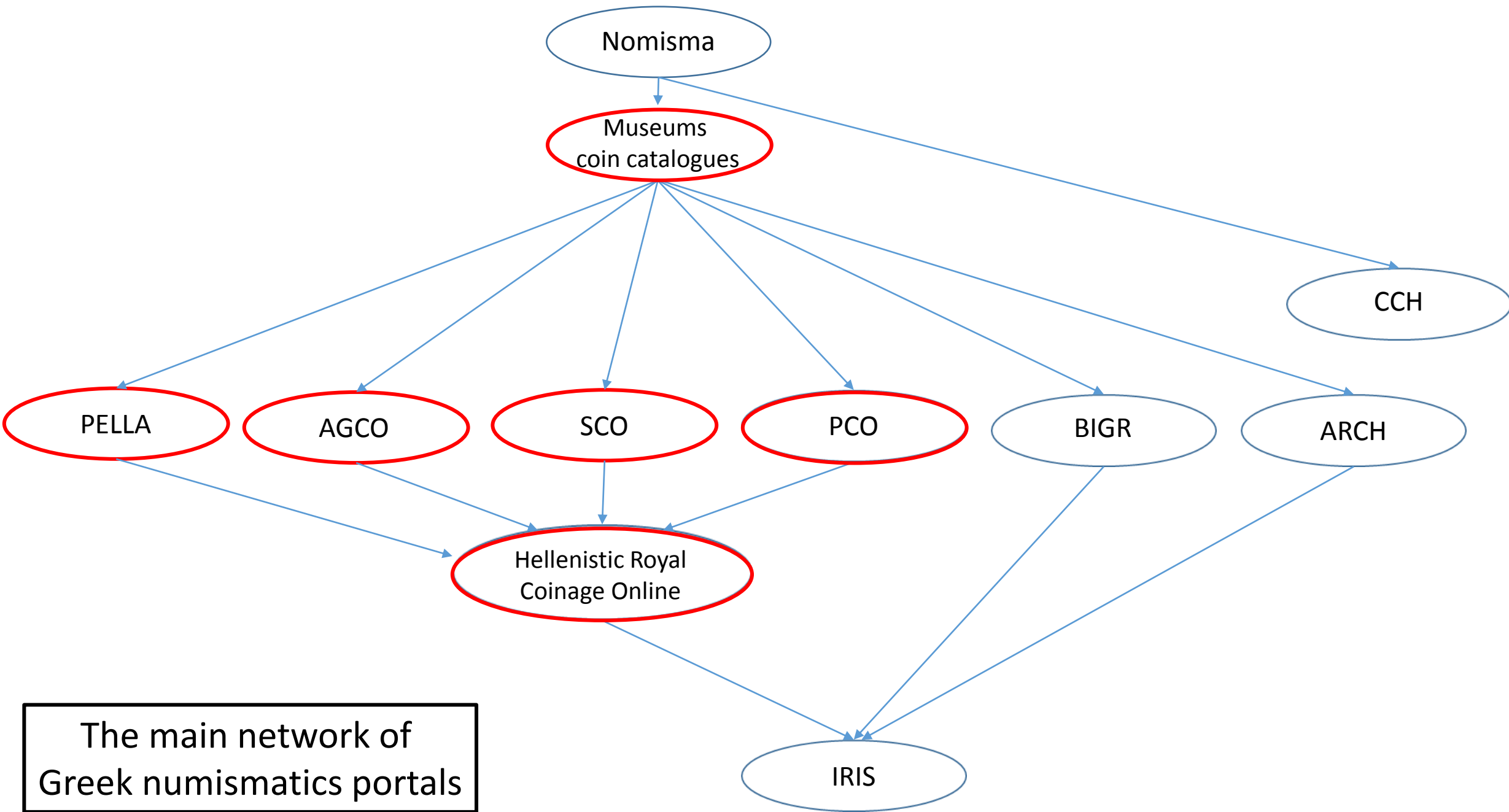
Hellenistic Royal Coinages (HRC) is a National Endowment for the Humanities funded project based at the American Numismatic Society in New York City. HRC is a web-based resource for users to learn about, research, and conduct different types of analyses on the coinages produced by the different dynasties and rulers of the ancient Mediterranean and Near East during the Hellenistic period (ca. 323–31 BC). These include the coins struck by (and in the name of) Alexander the Great and those struck by his successors, such as the Seleucids in the Near East and the Ptolemies in Egypt.

This site, the HRC Union Catalogue, allows users to search across all existing HRC type corpora simultaneously. These include: PELLA, a resource that currently focuses on the coinage in the name of Philip II of Macedon and Alexander the Great, Seleucid Coins Online, a resource devoted to the coinage of the Seleucid dynasty, and Ptolemaic Coins Online, a resource for the coinage of the Ptolemaic dynasty, and Antigonid Coins Online, which currently includes the coinage of Demetrius Poliorcetes. In the future we hope to add additional resources for the coinages of other Hellenistic dynasties and rulers including the Antipatrid, Attalid, and Bactrian dynasties.

While the American Numismatic Society's collection serves as the core of all these searchable catalogues, thousands of examples are illustrated by links to coins in other major collections including those in the Bibliothèque nationale de France, the British Museum, the Münzkabinett der Staatlichen Museen zu Berlin, and other public collections in the US and Europe.

Linked Data







ARCH

A typology of Ancient Greek Coinage

The ARCH project uses Linked Open Data technology and the standards of the nomisma.org project to establish an overarching portal for the study, curation, archiving and preservation of the monetary heritage of the ancient world – the Greek *oikoumene*. It aims to present a high-level overview of all the coin types traditionally subsumed within the discipline of 'Greek' numismatics, from the 7th to the 1st century BC. These are made available partly through a new typology (IRIS) created as part of the ARCH project based on existing bibliography, and partly through links to other online portals that cover specific regions or types of coinage. The constituent parts can be found at:

[IRIS](#)

[Moneda Iberica \(MIB\)](#)

[Hellenistic Royal Coinage](#)

[Corpus Nummorum Online](#)

Geographically, the project thus encompasses the ancient Mediterranean world and all of its cultures (with the exception of Rome and its provinces), as well as eastern regions as far as Arabia and the eastern limits of the empire of Alexander the Great. The following regions and coinages are not included and may be consulted elsewhere:

Parthia: parthia.com

Bactria and the Indo-Greeks: [The OXUS-INDUS Project](#)

Iron-Age Britain: [Iron Age Coins in Britain](#)

For further information on the principles behind the creation of the typology and the people involved please see the [about page](#).

The ARCH project has been supported by a grant under the Joint Programming Initiative on Cultural Heritage. Funding was provided by the Arts and Humanities Research Council in the United Kingdom, the Agence Nationale de la Recherche in France and the Ministerio de Asuntos Económicos y Transformación Digital in Spain.

Linked Data





IRIS

Online Greek Coinage - Skeleton Types

IRIS (IDs Recorded In Skeleton form), is a high-level typology of Greek coinage created on the principles of Linked Open Data and according to the standards of the nomisma.org project. It provides a typological overview of all ancient coinages not included in existing online typological projects, with a view to establishing a basic coverage of the entire field of Greek numismatics. Broadly speaking, this covers the ancient world from Spain, around the Mediterranean and Black Sea as far as North Africa, as well as the areas of Asia conquered by Alexander the Great. At its first release it thus serves to fill the gaps between the following projects

It does not cover the regions of Parthia, Bactria or Iron Age 'Celtic' coinages, much of which can be found in other resouces:

Parthia: parthia.com

Bactria and the Indo-Greeks: [The OXUS-INDUS Project](#)

Iron-Age Britain: [Iron Age Coins in Britain](#)

For further information on the principles behind the creation of the typology and the people involved please see the [about page](#).

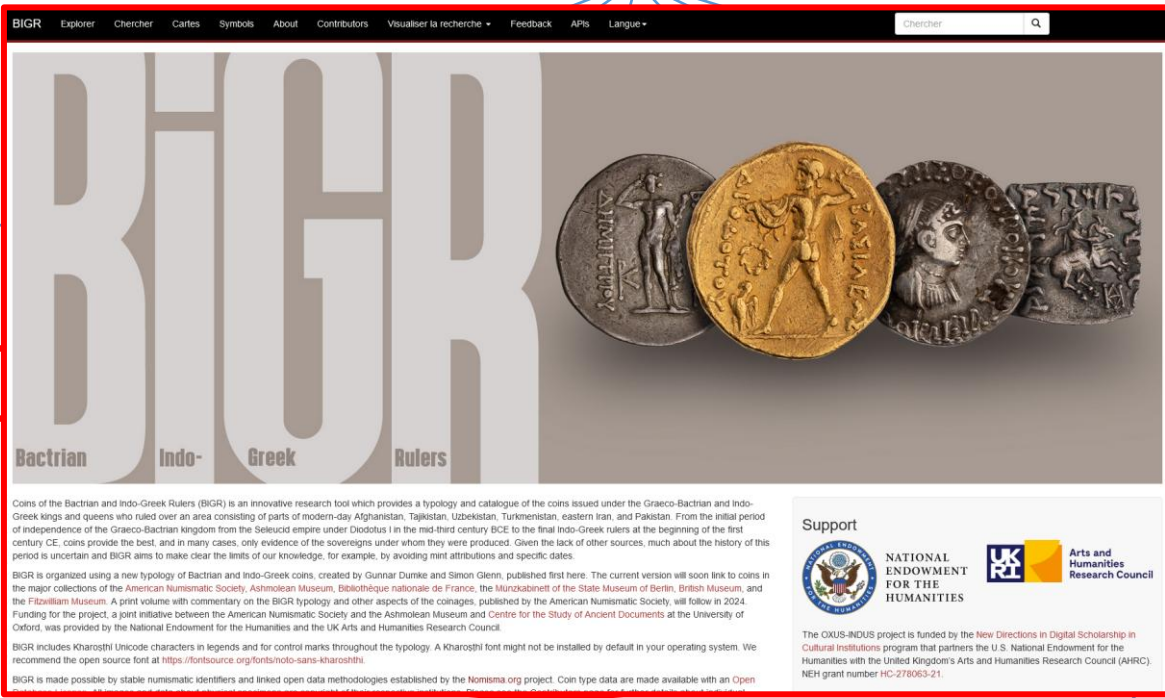
The creation of the IRIS typology has been supported as part of the ARCH project by a grant under the Joint Programming Initiative on Cultural Heritage. Funding was provided by the Arts and Humanities Research Council in the United Kingdom, the Agence Nationale de la Recherche in France and the Ministerio de Asuntos Económicos y Transformación Digital in Spain.

Linked Data



Nomisma

Museums
coin catalogues



PELLA

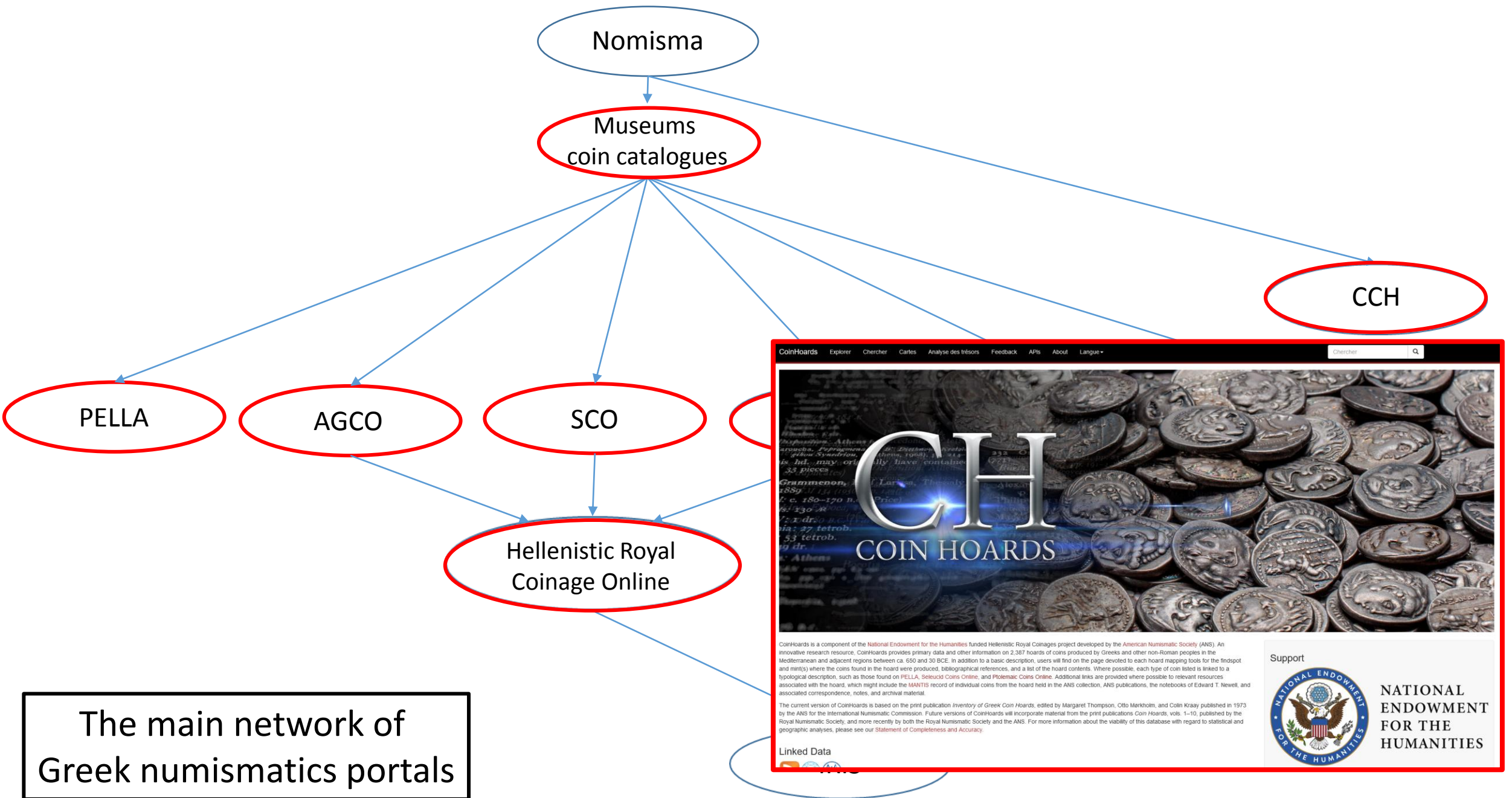
CCH

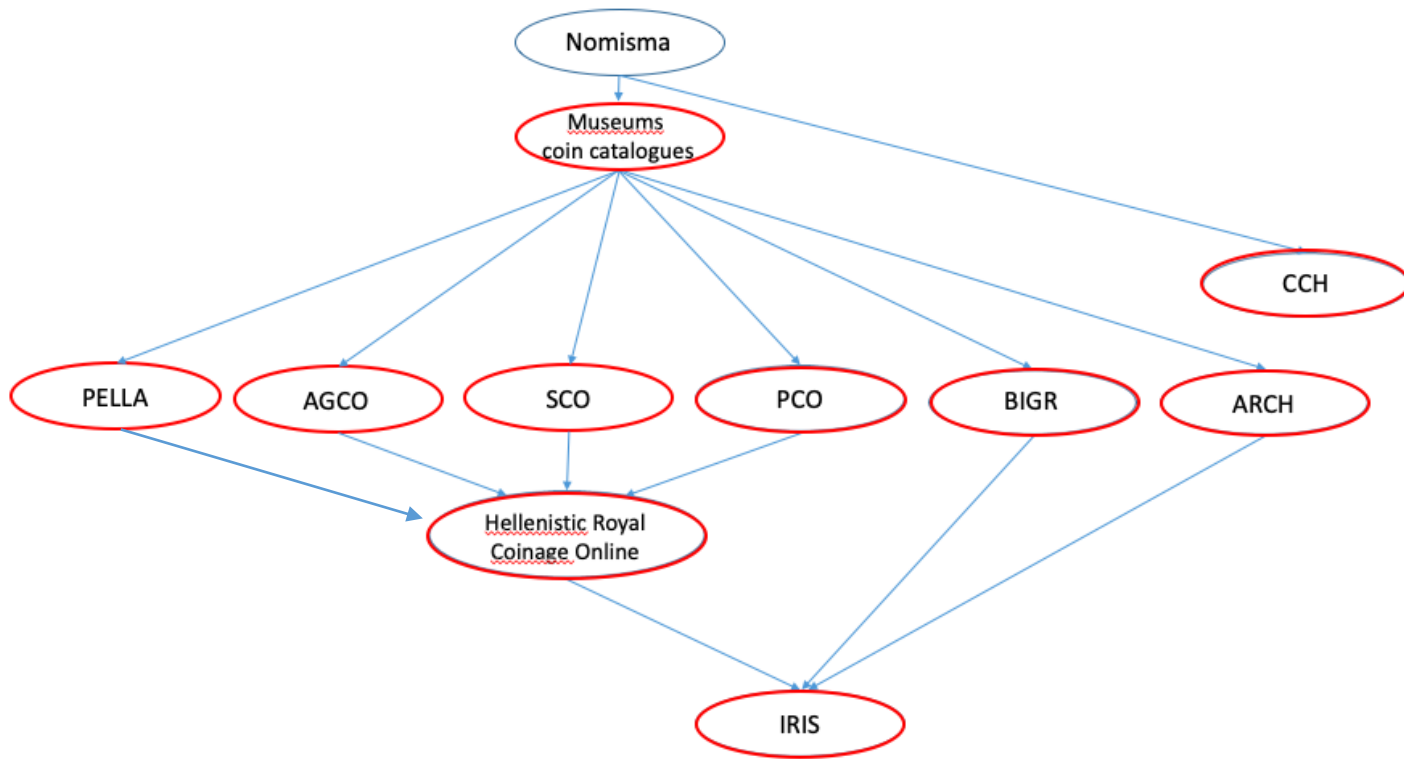
BIGR

ARCH

The main network of
Greek numismatics portals

IRIS





There are other thematic web sites:

- for overstrikes: coins struck with new types to make new coins (often we can see the previous types)
- for die studies to identify the dies (*ie.* the matrix) used to print the pictures on the coins (for studying the process of striking and to know the number of coins that were struck)
- For automatic die recognition

- Roman Republican Die Project

Roman Republican Die Project

Explorer

Chercher

Cartes

Feedback

APIs

How to Use

Chercher

Q

RRDP

ROMAN REPUBLICAN DIE PROJECT

The Roman Republican Die Project (RRDP) aims to provide URIs for each obverse and reverse die connected to Michael Crawford's Roman Republican Coinage (RRC, 1974) types published in [Coinage of the Roman Republic Online](#). RRDP is based on Richard Schaefer's archive of Roman Republican Dies, comprising more than 300,000 specimen images. The digitized version of Schaefer's archive is available on [ARCHER](#), the digital archives of the American Numismatic Society (see [here](#)).

Each die in RRDP is linked to specimens in [SITNAM](#), a standalone specimen database for private materials or museum collections that have not already been published to the [Nomisma.org](#) Linked Open Data ecosystem. Additionally, dies are linked, when applicable, to coins already published to CRRO from collections such as the American Numismatic Society, Bibliothèque nationale de France, and the Berlin Münzkabinett, as to avoid duplication of materials between Schaefer's archival records and canonical URIs published by holding institutions.

In an initial phase (January 2021–2022), RRDP will focus on the die transcription of Crawford types 336–392 (92–75 BCE). This chronological range has been chosen for its historical and numismatic relevance. This project has been undertaken under the scientific supervision of Lucia F. Carbone (ANS) and Liv M. Yarrow (Brooklyn College –CUNY – Graduate Center).

For more information on how to use these materials, see [How to Use RRDP](#).

RRDP is made possible by stable numismatic identifiers and linked open data methodologies established by the [Nomisma.org](#) project. Die data are made available with an [Open Database License](#).

Online Coins of the Roman Empire (Roman Imperial Coinage typology)



Support this resource by joining the American Numismatic Society as a member today!

OCRE

Explorer Chercher Cartes Symbols Identify a Coin Contributors Visualiser la recherche Feedback APIs About Langue

Chercher



Online Coins of the Roman Empire (OCRE), a joint project of the [American Numismatic Society](#) and the [Institute for the Study of the Ancient World](#) at New York University, is a revolutionary new tool designed to help in the identification, cataloging, and research of the rich and varied coinage of the Roman Empire. The project records every published type of Roman Imperial Coinage from Augustus in 31 BC, until the death of Zeno in AD 491.

This is an easy to use digital corpus, with downloadable catalog entries, incorporating over 43,000 types of coins.

[Linked Data](#)

Iron Age Coins in Britain (UK)

Iron Age Coins in Britain

Explorer

Chercher

Contributors

About

Info

Visualiser la recherche ▾

Feedback

APIs

Chercher



IRON AGE COINS IN BRITAIN



Ancient British Coins (ABC) is the most comprehensive reference book for the typology of the Iron Age coins of Britain. ABC catalogues 999 types of coins found in Britain from around the early to mid-2nd century BC through the 1st century AD. The earliest issues were imported to Britain from the Continent, but they were shortly thereafter minted locally, remaining in circulation even after Roman occupation.

Iron Age Coins in Britain (IACB) is now available as a digital research tool that provides access to an edited ABC online. IACB is made possible by stable numismatic identifiers and linked open data methodologies established by the Nomisma.org project. IACB is built on the numbering system created by the *Ancient British Coins* (ABC) series [published in 2010](#) (available to purchase [here](#)). On this website, some aspects of this typology have been changed (e.g. descriptions, spellings), therefore this website is not the responsibility of the publishers of ABC.

Details about the fields and their data are given on the [Info](#) page.

Details about the digitisation project are given on the [About](#) page.

Linked Data



Welcome to Online Celtic Coinage

Online Celtic Coinage is the website of the *Celtic Working Group* of *Nomisma.org*. OCC develops *Linked Open Data* concepts for pre-Roman Iron Age coinages.

Recent news

[CELTIC COIN INDEX DIGITAL \(CCID\) goes live!](#)

[Ancient British Coinage goes online!](#)

[ClaReNet – A new project on Classification and Machine Learning for Celtic coinages](#)

Forthcoming events

Keine bevorstehenden Ereignisse

Coins Hoard of the Roman Empire (uses ontology of Nomisma but no uri link)



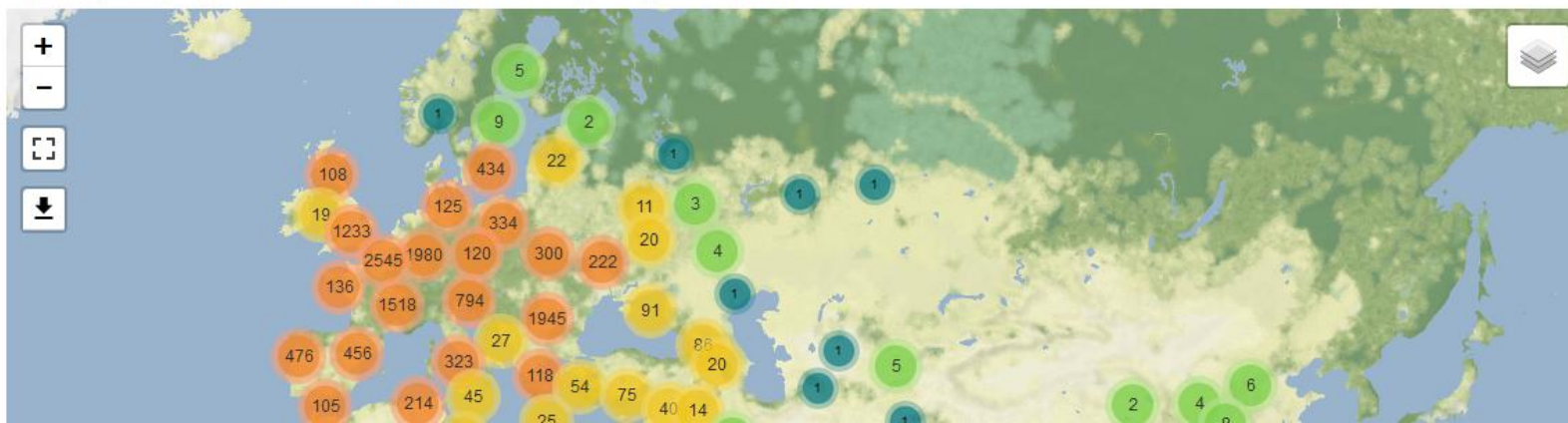
BNS Conference 15 July 2023

Coin Hoards - Discovery and Interpretation [more...](#)

10th Joint Meeting of ECFN and Nomisma.org

Heading to Sofia [more...](#)

Currently in the database: 5,985,316 coins in 15,186 validated hoards



Roman Provincial Coinage (Paper publication and online access)

RPC Introduction Search Volumes Map About Donate

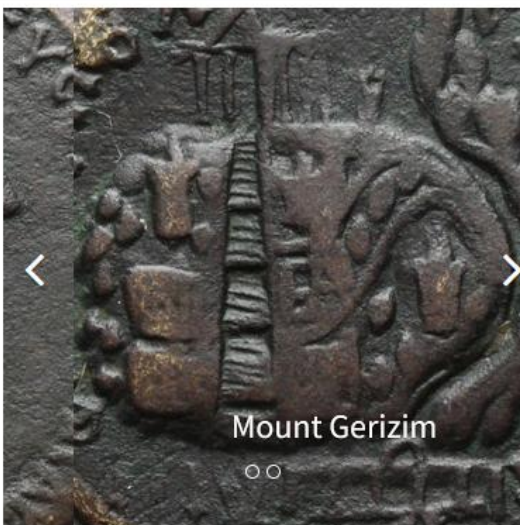


Roman Provincial Coinage online

The **Roman Provincial Coinage** project embodies a new conception of Roman coinage. It presents for the first time an authoritative account of the coins minted in the provinces of the empire and shows how they can be regarded as an integral part of the coinage minted under the Roman emperors.

The aim of this **major research project** is to produce a **standard typology of the provincial coinage of the Roman Empire**. This represents the first systematic treatment of the civic coinage at the height of the Roman empire. The material presented is an invaluable source of information for imperial portraiture and titulature, the response of the cities to the establishment of a new political order under the Roman empire, the way the government controlled the provinces, the internal history of the cities, and the role of the provincial coinage in the economy of the Roman empire as a whole. It will thus not only meet the needs of numismatists but will also be an essential reference book for historians, epigraphists, archaeologists and other students of the Roman empire.

The publication of *Roman Provincial Coinage volume I (44 BC–AD 69)* in 1992 marked the start of this international initiative, which **will comprise ten volumes** in all. *Roman Provincial Coinage* is published by British Museum Press and the Bibliothèque Nationale de France, and the online publication is based in the Ashmolean Museum, University of Oxford.



Mount Gerizim

News

Follow us on social media



RPC volume X is online!

RPC volume X covers all Roman provincial coinage issues from the joint reign of Valerian and Gallienus through the year 12 of Diocletian (AD 253–295/6). It includes over 5,800 type descriptions and 48,000 coins from 153 cities. The geography extends ... [more](#)

RPC VII.2: printed volume published

RPC VII.2. From Gordian I to Gordian III (AD 238–244): all provinces except Asia

Jerome Mairat & Marguerite Spierri... [more](#)

Supporting RPC online

Since its humble beginnings in 2006, the RPC Online project has grown into one of the most important research projects in numismatics. The website now includes more than 400,000 coins from 50,000 types and welcomes over 40,000 visitors annually.

... [more](#)

ROMAN
PROVINCIAL
COINAGE

VOLUME VII.2

Coins in diachronic and archaeological projects

Portal Antiquities Scheme UK (archaeology: objects and coins)

Foyer [Contacts](#) [Impliquez-vous](#) [Base de données](#) [Trésors](#) [Guides](#) [Nouvelles et événements](#) [Publications](#) [Recherche](#) [Comtés](#) [Forum](#)

Bienvenue sur le site web du système d'antiquités portables

Le projet Portable Antiquities Scheme est géré par le British Museum et Amgueddfa Cymru - Museum Wales pour encourager l'enregistrement d'objets archéologiques trouvés par des membres du public en Angleterre et au pays de Galles. Chaque année, des milliers d'objets archéologiques sont découverts, dont beaucoup par des utilisateurs de détecteurs de métaux, mais aussi par des gens qui se promènent, jardinent ou se promènent dans leur travail quotidien. Les résultats enregistrés avec le programme aident à faire progresser les connaissances de l'histoire et de l'archéologie de l'Angleterre et du pays de Galles.



Code de bonnes pratiques

[Vidéo sans sous-titres](#)



Rechercher dans notre base de données

Try coin for example

Search!

Tweets from @findsorguk [Follow](#)



Nothing to see here - yet

When they Tweet, their Tweets will show up

- Two projects underway in France (Nummus Université de Caen and Base Trouvailles Monétaires BnF)

 **Base Trouvailles Monétaires**

Accueil **Consulter la base TM** Programme Trouvailles monétaires Comité Trouvailles monétaires Mentions légales Crédits et contact

Consulter la base TM

L'exportation des données est possible en demandant un accès ou une requête spécifique auprès de Ludovic Trommenschlager (ludovic.trommenschlager@bnf.fr).

Saved Filters

- Website filters (workgroup)
 - Ensemble (trésor, fouille et monnaies d'or isolée)
 - Monnaies
 - Objets associés
 - Ateliers monétaires

Faceted search
Rules

Résultats des filtres

Filtered Result



NUMMUS

Monnaies en contexte archéologique

PRÉSENTATION DE NUMMUS GÉOLOCALISATION BIBLIOGRAPHIE LEXIQUE DE NUMISMATIQUE ACTUALITÉ

Recherche avancée

Accès aux collections

Historique

Porte-documents

Monnaies en contexte archéologique de l'Antiquité à la fin de l'Époque moderne

La base Nummus fera peau neuve ces prochains mois : un outil intégralement revu remplacera la version actuelle.

Nummus, nom d'une célèbre monnaie romaine, est un programme de signalement numérique des découvertes monétaires étudiées par le service de numismatique du **Centre Michel de Boüard — Graham (Université de Caen Normandie)**. Il a pour but d'établir un inventaire des sources issues de chantiers archéologiques des périodes antique, médiévale et moderne, mises au jour dans un espace géographique centré sur l'actuelle Normandie, tout en s'ouvrant à d'autres régions du Nord de la France (Bretagne, Picardie, Champagne-Ardenne, Lorraine). Le programme Nummus entend ainsi présenter la monnaie dans un environnement précis, celui de son contexte d'utilisation, afin de restituer une vision panoramique et diachronique de l'histoire monétaire.

Par delà la mise à disposition d'un ensemble massif de découvertes, Nummus est également un outil innovant réalisé en partenariat avec le **pôle Document numérique de la Maison de la Recherche en Sciences humaines (MRSH)** de Caen. Il s'appuie sur un dispositif technologique qui facilite le traitement, la conservation, l'accès et l'interopérabilité des données de la recherche, en s'appuyant sur une structure **XML EAD** permettant l'encodage de chaque degré d'information.

Les objectifs suivis par le programme Nummus peuvent se résumer de la manière suivante :

- mettre en commun des informations numismatiques destinées à des fins scientifiques ;
- développer l'apport de l'outil monétaire et de son contexte archéologique pour une meilleure connaissance des usages monétaires, dans leur dimension culturelle ou économique ;
- centraliser les informations pour stimuler des études spécifiques ou transversales ;
- participer à une démarche de diffusion de données souvent peu accessibles à l'intention des chercheurs et du plus vaste public ;

National and international project in Spain

Application dedalo.dev

French

Utilisateur

Mot de passe

Entrer

Dédalo version 5.9.7 - Build
2023-07-15T20:10:45+02:00
DD version: Dédalo 2023-11-07T11:50:46+01:00
Benimamet

★ Dédalo Cultural Heritage Management System

MONEDA IBÉRICA



Búsqueda global



BUSCAR

MIB, acrónimo de moneda ibérica, es una base de conocimiento para el estudio, conservación, catalogación, archivo y difusión del patrimonio numismático antiguo de la Península Ibérica y del sur de Francia que incluye producciones monetarias de cecas griegas, púnicas, ibéricas, celtibéricas, vasconas, lusitanas y latinas. El centro del proyecto lo ocupa el catálogo formado por más de 4.000 tipos monetarios acuñados entre los siglos VI y I a.C., respaldados por un archivo documental de 100.000 monedas. Se incluyen piezas de museos, de colecciones privadas y de las subastas nacionales e internacionales de las últimas décadas. Los contenidos y las funcionalidades de esta web se actualizan y mejoran de forma progresiva.

The contributions of the websites and web portal to the discipline and beyond

All these open access websites and portals reflect a collaboration between researchers from several institutional horizons (museums, laboratories, universities) with the same will to reuse old sources (monetiform objects, archives, unpublished and published studies); with them, we can complete new studies that were impossible before, since digital tools are the only ones allowing for the management of big data or linking documents from throughout the world.

These different portals and websites changed numismatists' working methods:

- it's now possible to quickly identify coins and to cite the best references even if the articles or books are only available in specialized libraries
- It's possible to quickly gather a coin corpus including the main collections. Until a few years ago, it was necessary to spend months going to different countries to record data and take pictures
 - we can work on big data
- we have efficient tools to correct mistakes made in the past
 - it's possible now to link data for thousands of coins

Coinages	Writing systems	Unicode	Ontographs	Allographs
Greek	Greek	U+0370–03FF	28	106
	Etruscan	U+10300–1032F	30	20
	Umbrian	U+10300–1032F	21	10
	Oscan	U+10300–1032F	21	29
	Cypriot	U+10800–1083F	55	105
	Lycian	U+10280–1029F	29	185
	Brahmi	U+11000–1107F	65	8
	Kharoshti	U+1		
Iberian and punic	Palaeohispanic	Not		
	Phoenician-punic	U+1		
Phoenician, levantine, judean et nabataean	Phoenician	U+1		
	Paleo-hebrew	U+1		
	Nabataean	U+1		

The PIM (Police des inscriptions monétaires) project

mem:
16 alternates



MEM 1



MEM 5



MEM 8



MEM 11



MEM 12



MEM 14



MEM 20



MEM 33



MEM 21



MEM 24



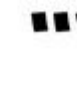
MEM 31



MEM 32



MEM 34



MEM 35



MEM 36



Fig.15 Variantes phéniciennes de la lettre mem

Fig.5 Tableau récapitulatif des caractères PIM

The open science studies done in numismatics are also a methodological model for others archaeological and historical fields that wish to make their own data freely accessible. For example, “Pondera online » about ancient weights.

[Pondera](#)

[Browser](#)

[Standards](#)

[Map](#)

[Contributors](#)

[Museums](#)

[Bibliography](#)

[About](#)

[Login](#)



An Online Database of Ancient and Byzantine Weights

[Browse](#)

The main obstacles to this type of project

- Access to material (authorization to study or publish coins)
- Access to funding (computer specialist, online, update)
- Work habits (unpublished studies, project abandoned)
- Lack of legislation (in France, Open Science policy is encouraged by the Law. In archaeology, there are administrative reports but few publications)

