

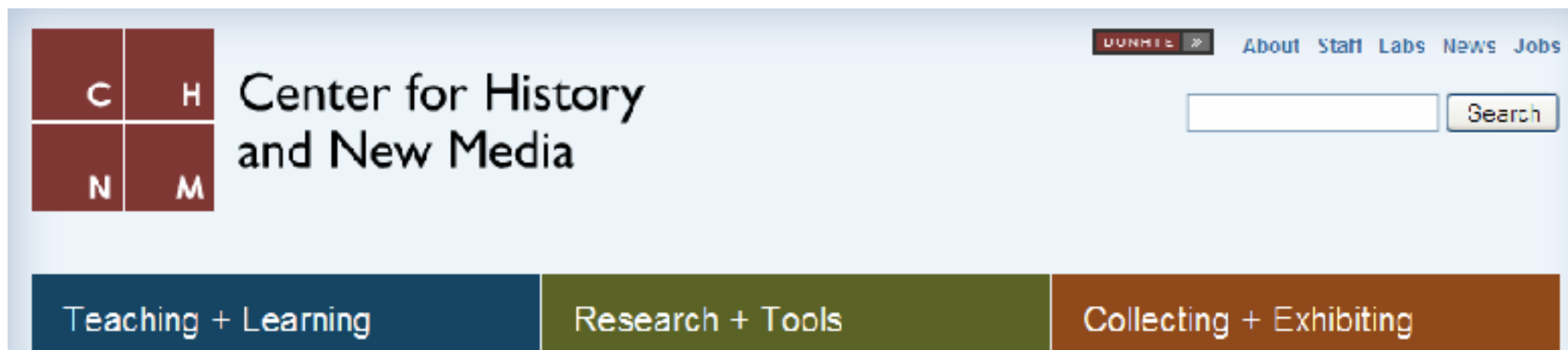
Digital Public History

Enrica Salvatori - Digital Tools for Humanists 2018

Digital History

Definition

- Digital history is an approach to examining and representing the past that takes advantage of new communication technologies such as computers and the Web.
- It draws on essential features of the digital realm, such as databases, hypertextualization, and networks, to create and share historical knowledge.
- Digital history complements other forms of history—indeed, it draws its strength and methodological rigor from this age-old form of human understanding while using the latest technology.



Why?

The invention, development, and spread of new media are the most profound historical change of the last decade and those changes show every sign of accelerating. Historians need to understand the new media and its implications as fully as possible, for both defensive and hopeful reasons. **We need to resist the dilution and distortion of historical knowledge** brought by the erosion of our authority in a widely dispersed new medium. **The best way to wage that resistance is to seize for ourselves the opportunities the medium offers,** opportunities to touch the past, present, and future in new ways.

In: *The Pasts and Futures of Digital History*, URL: [<http://www.vcdh.virginia.edu/PastsFutures.html>] Edward L. Ayers. University of Virginia, 1999 (Later, from 2002, VCDH, Virginia Center for Digital History)

Digital History's birth

First use of the word Digital Historian by Daniel J. Cohen and Ed Ayers. They founded the **Virginia Center for Digital History (VCDH)** in 1997–1998.

“Digital Historian” used in scientific essays, seminars, lectures in order to describe the project *The Valley of the Shadow*.

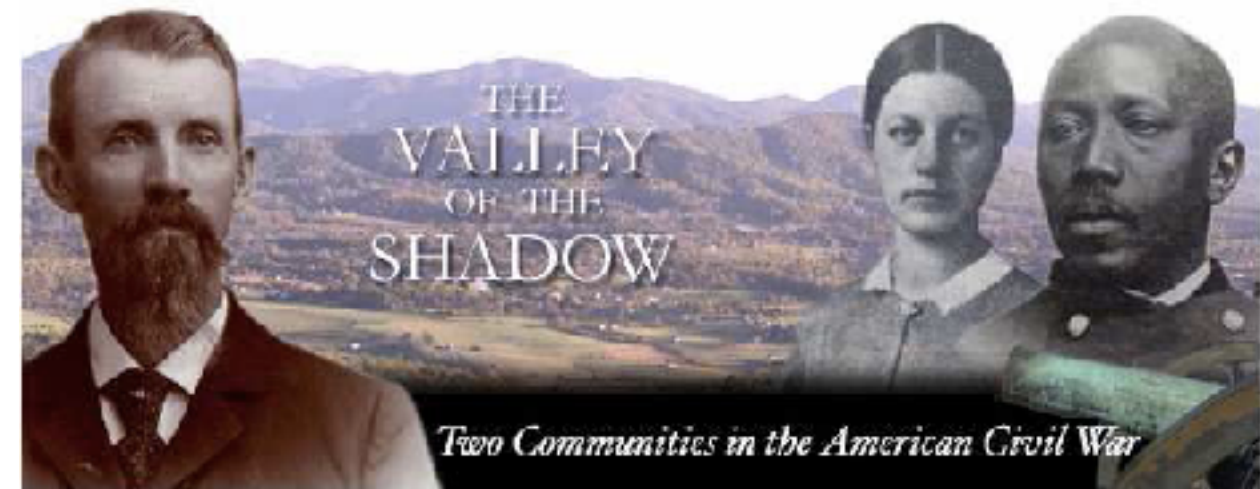
In **1997** their seminar for bachelor Students was *Digital History of the Civil War* and then *digital history seminars*.

from Daniel J. Cohen, Michael Frisch, Patrick Gallagher, Steven Mintz, Kirsten Sword, Amy Murrell Taylor, William G. Thomas III, and William J. Turkel: *Interchange: The Promise of Digital History*, in «Journal of American History», 2, 2008, § 11, pp. 452-491, URL: <http://www.historycooperative.org/journals/jah/95.2/interchange.html>

THE VALLEY OF THE SHADOW

Pioneering project of Digital History
Made by **Virginia Center for Digital History** (University of Virginia).

A Digital Archives of primary sources
about daily life of two communities,
near in space but on opposite side
during the civil war Augusta County
(Virginia) and Franklin County
(Pennsylvania) (1861-1865)



The Valley Project details life in two American communities, one Northern and one Southern, from the time of John Brown's Raid through the era of Reconstruction. In this digital archive you may explore thousands of original letters and diaries, newspapers and speeches, census and church records, left by men and women in Augusta County, Virginia, and Franklin County, Pennsylvania. Giving voice to hundreds of individual people, the Valley Project tells forgotten stories of life during the era of the Civil War.

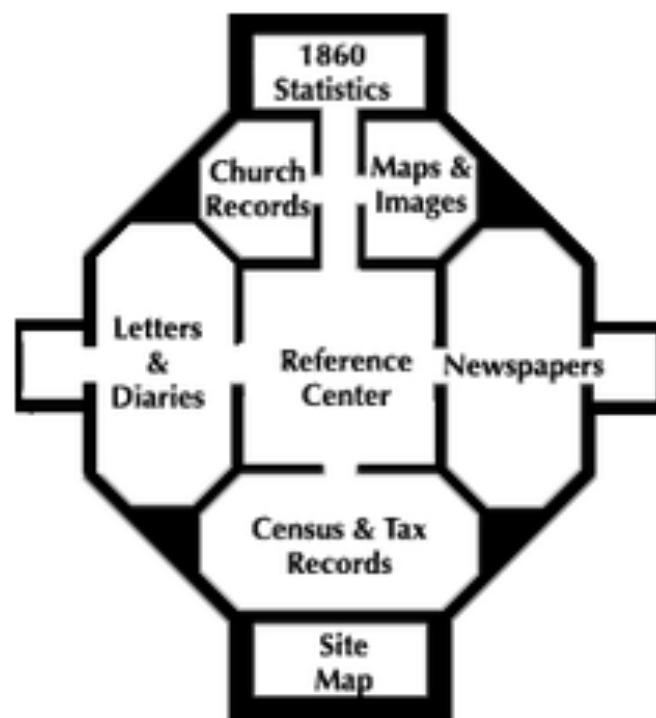
Enter the Valley Archive

Copyright 1993-2007. All Rights Reserved Edward L. Ayers

THE VALLEY OF THE SHADOW

THE VALLEY OF THE S H A D O W

The Eve of War



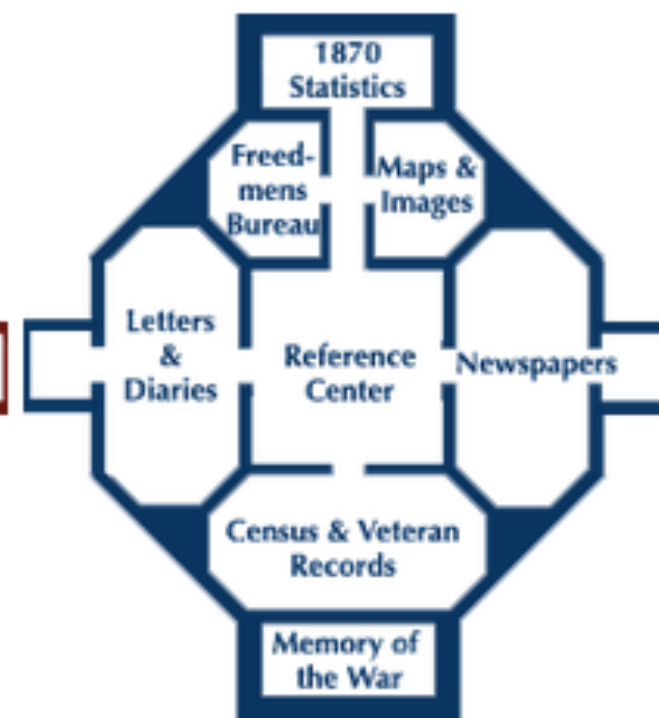
Fall 1859 to Spring 1861

The War Years



Spring 1861 to Spring 1865

The Aftermath



Spring 1865 to Fall 1870

USING THE VALLEY PROJECT

[CLICK HERE FOR RESOURCES ON USING THE VALLEY PROJECT](#)

Digital Historian

*Since 1994 under the founding direction of Roy Rosenzweig, the Center for History and New Media (CHNM) at George Mason University has used digital media and computer technology **to democratize history**—to incorporate multiple voices, reach diverse audiences, and encourage popular participation in presenting and preserving the past.*

The center itself is a democratic, collaborative space where over fifty scholars, developers, designers, and researchers work together to advance the state of the art.

IN WIKIPEDIA

Digital history is a **rapidly changing field**. New methods and formats are currently being developed. This means that 'digital history' is a **difficult term to define**. However, it is possible to identify general characteristics.

Digital history represents a **democratization of history** in that anyone with access to the Internet can have their voice heard, including **marginalized groups** which were often excluded in the 'grand narratives' of nation and empire.

In contrast to earlier media formats, **digital history texts tend to be non-linear and interactive**, encouraging user participation and engagement.

PRE 2013

Methodology or field or discipline ?

Tools & Services: it creates new methods of analysis for the *humanities*

Sharing contents : elaborates and transforms the places where History is told (social network, institutional and thematic repository, multimedia websites)

Differencing narratives: it creates new forms of narratives (storytelling)

New sources: digitalized sources with metadata become new sources (meta - sources) + primary digital sources

Different and new **learning contents and methods**

But also: it enhance participation, creates field of scientific debate and dialog, reenforce or delimits new identities

Public History

Public History

- Raphael Samuel - *The History Workshop Movement '60s*
- official birth in 1978-1979 at **UCSB**, University of Southern California at Santa Barbara
- 1978 review *The Public Historian*, 1979 National Council of Public History (NCPH)
- 2011 *International Federation of Public History* (IFPH)
- 2016 *Associazione Italiana di PH* (AIPH) and the first specialization course in PH (Unimore)
- 2018 *Second National Conference* of AIPH in Pisa

PH IS NOT

- The public use or abuse of history (Storia Pubblica - Italy)
- About writing history to serve a political aim (Historikerstreit - Germany)
- Only DPH (Digital Public History) even if in present days PH is strongly released to the Web and to the different ways of communicating or sharing History

PH IS

- one of **most important innovations** in the profession of history of the last years

STATEMENTS

NCPH —> A movement, methodology, and approach that promotes the **collaborative study and practice of history**; its practitioners embrace a mission to make their special insights accessible and useful to the public

Lynn H. Nelson —> **in the USA is the means by which historical actuality is made attractive and understandable** to the American public.

AIPH —> PH is a field of historical sciences made by historians who carry out activities related to the research and communication of history **outside the academic environments, with and for different audiences**. It is also a new university discipline aimed at the formation of public historians.

PH PROJECTS

- revival - reenactment
- thematic parks (applied history and archaeology)
- museums & exhibitions (digital ones too)
- shared and / or invented and / or collaborative archives
- oral history & sources
- public archaeology, architecture, urban qualification
- ***

AIMS

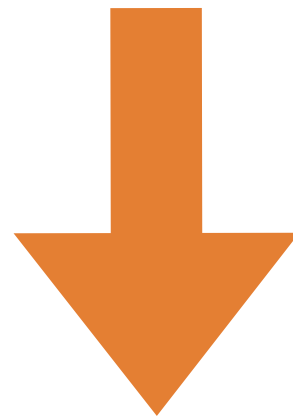
- to open the history to the **widest possible audience** maintaining a high level of professionalism and a rigorous methodology
- to work on history **close to communities** (social, ethnic, political, cultural, etc.) by reconstructing memories and identities
- to **share activities** that allow the “writing” of history (crowdsourcing)
- to work on **collaborative and interdisciplinary projects** in humanities
- to promote the **conscious and critical use of all available media**

Digital Public History

DHP

DIGITAL HISTORY: D an approach to examining and representing the past that takes advantage of new technologies.

PUBLIC HISTORY: practice of history by historians with and for the public outside the universitie



DIGITAL PUBLIC HISTORY: field of studies and researches where DIGITAL HISTORY is done for and with the audience at different levels of involvement.

Historian at work

1 - readings

The Work of the Historian

```
graph LR; A[The Work of the Historian] --- B[question]; A --- C[historiography]; A --- D[sources]; A --- E[analysis and comparison]; A --- F[output]; A --- G[output];
```

question

historiography

sources

analysis and
comparison

output

The Work of the Historian

historiography

to research and review
repertories, magazines,
catalogs of the libraries

OPAC

DIGITAL LIBRARIES

**INSTITUTIONAL OR
THEMATIC REPOSITORY**

DATA BANKS

**OPEN ACCESS REVIEWS OR
PLATFORMS**

**MAILING - DISCUSSION
LIST**

FORUM

SOCIAL NETWORK

Zotero

VOLUNTARY REPOSITORY

Academia Edu

Zotero

Bibliographic Social Network



Zotero is a free, easy-to-use tool to help you collect, organize, cite, and share research.

Made by the [Roy Rosenzweig Center for History and New Media](#)

Download and documentation at <https://www.zotero.org/>

Italian presentation: <http://www.slideshare.net/>

Please: note and quote!

Under the early Carolingians, Pisa had been an active port and was the site of an imperial navy along with Genoa.⁵ The Italian ports of Amalfi, Naples and Venice and their traditional ties with the Byzantine east, however, largely overshadowed its commercial importance. Indeed, faced with the competition of these philhellenic cities, Pisa and her close neighbor Genoa were forced to impose themselves on the western Mediterranean trade routes to assure their

Traditional
article

¹ G. Jehel, 'Gênes et le Maghreb au Moyen Age', *Studi magrebini*, 22 (1990), 65; R. Azuar Ruiz, 'Al-Andalus y el comercio mediterráneo del siglo XI, según la dispersión y distribución de las producciones cerámicas', in: *La Península ibérica y el Mediterráneo entre los siglos XI y XII*. Codex Aquilarensis, 13, vol. I (Aguilar de Campo, 1998), 65.

Blog Post

PURL

Published by: [Oxford University Press](#)
Stable URL: <https://www.jstor.org/stable/20108249>
Page Count: 2

DOI

DOI: 10.6092/issn.2532-8816/7814

Date of
post

FiveThirtyEight

Nate Silver's Political Calculus

July 15, 2013, 11:20 am | 281 Comments

Senate Control in 2014 Increasingly Looks Like a Tossup

By NATE SILVER

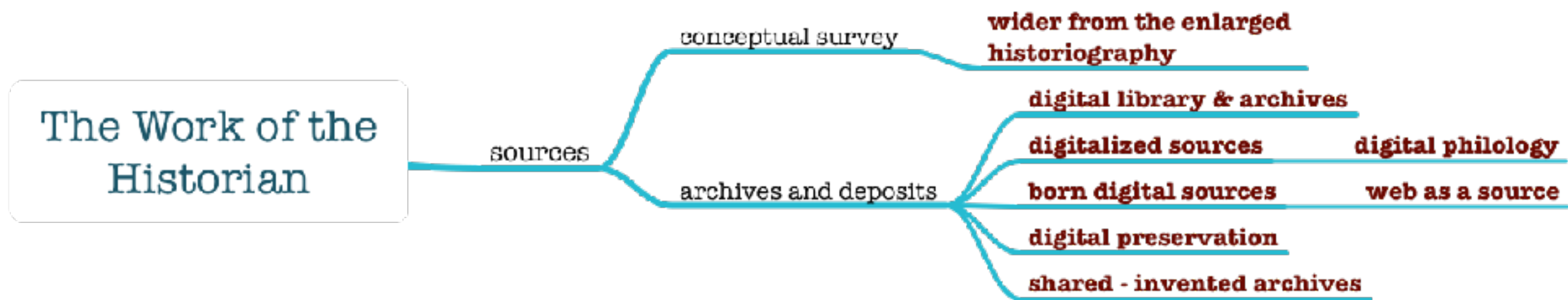
This weekend's [announcement](#) by the former governor of Montana, Brian Schweitzer, that he would not seek that state's Democratic nomination for Senate represents the latest in a series of favorable developments for Republicans as they seek control of the chamber

Title of blog post

Author (if no full name is given, use screen name, handle, or other username)

Historian at work

2 - sources



Always in their context

- producer
- place
- structure
- audience
- date
- place of storage
- use
- motivation / aims
- materials
- editions

digital scientific editions

- facsimile: picture with metadata + critical apparatus
- diplomatic edition: the text is transcribed as seen + critical apparatus
- normalized edition: the text is transformed to improve its readability

Facsimile

Archivio
di Stato
di Lucca
-
e ASL
U



e-ASLU Archivio di Stato di Lucca
Ministero dei beni e delle attività culturali e del turismo

Home Archivio di Stato **Albero** Persone Inventari Carte e mappe Diplomatico Arc

Home page » Albero » Archivio di Stato di Lucca » Principale » Diplomatico » Altopascio » 1051 - 1100

Albero

« seleziona nell'albero

1051 - 1100 (periodo)

Unità: 3

Datazione: 1 Gennaio 1051 - 31 Dicembre 1100

Unit_id: D[01]D[01]D[001]D[01]U[02]

Unità:

- 06-12-1089 - ALTOPASCIO
- 12-03-1087 - ALTOPASCIO
- ..-05-1096 - ALTOPASCIO

Archivio di Stato di Lucca

- Principale**
- Diplomatico**
- Altopascio**
- Altopascio dep.Orsetti Cittadella
- Andreuccetti (deposito)
- Archivio dei Notari
- Archivio di Stato
- Archivio di Stato - Tarpea
- Archivio di Stato debito pubb.

Facsimile

« seleziona nell'albero

06-12-1089 – ALTOPASCIO (pergamena)

Datazione (rilevata): 6 Dicembre 1089

Misure: 280 x 530 mm

Materiale: pergamena

Stato: integra

Stato di conservazione: ottimo

Condizione: stesa

Segnatura antica: mazzo n. 14

01. Atto

Datazione (rilevata): 6 Dicembre 1089

Carattere: privato

Traditio: originale

Topica: in monte et paio chiamato Sala Marsana / Salamarzana

Persone:

rogante: Giovanni (signum: 1)

Regesto:

Giovanni notaio Imperiale.

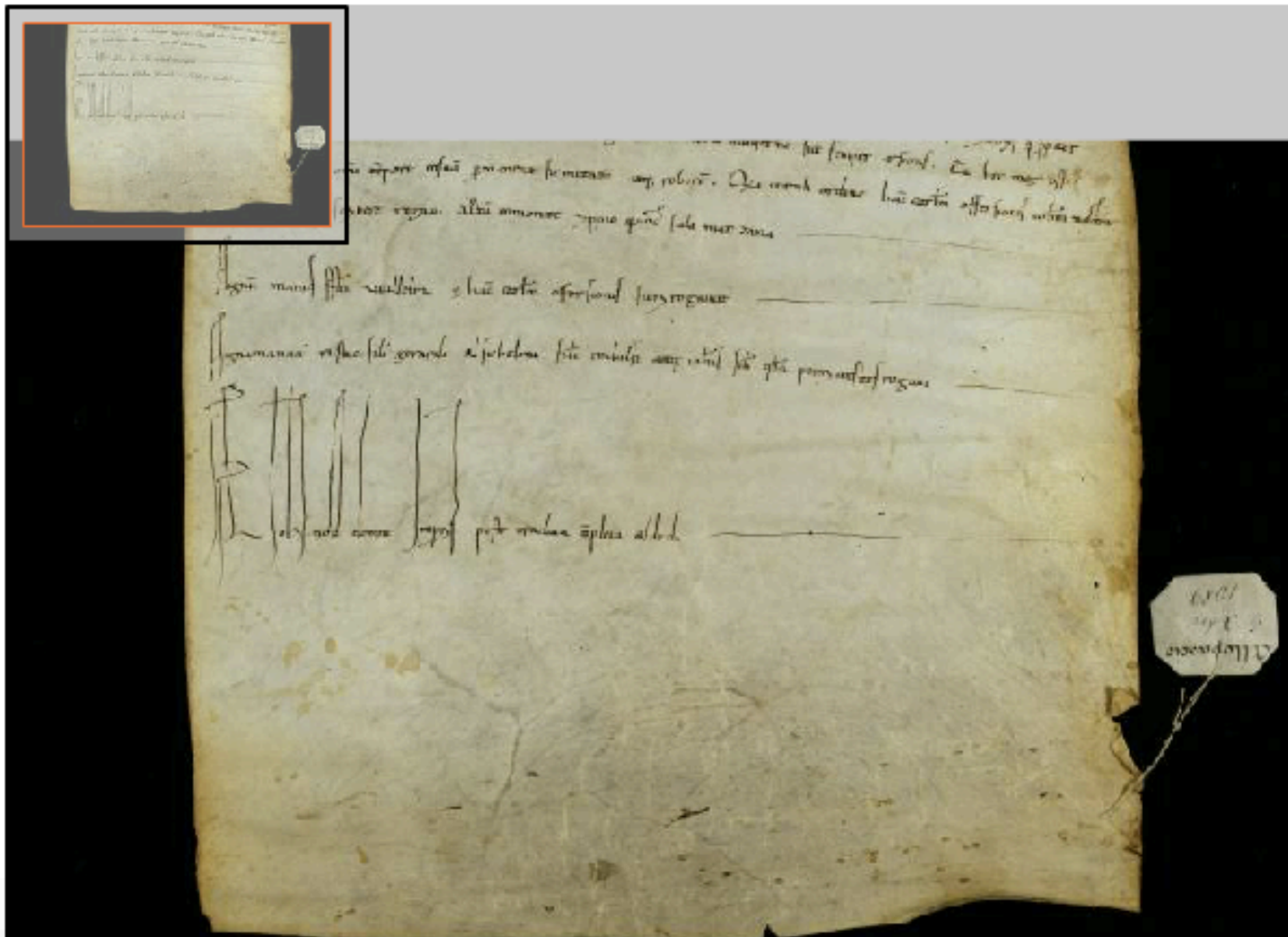
Willelmo quondam Ghettonis per rimedio dell'anima e Uguccione Conte quondam Bulgaro e Cilia Contessa sua moglie quondam Jhieti offre allo spedale che detto Conte Bulgaro costituì, presso la via pubblica luogo detto Rosaia

Facsimile

« seleziona nell'albero

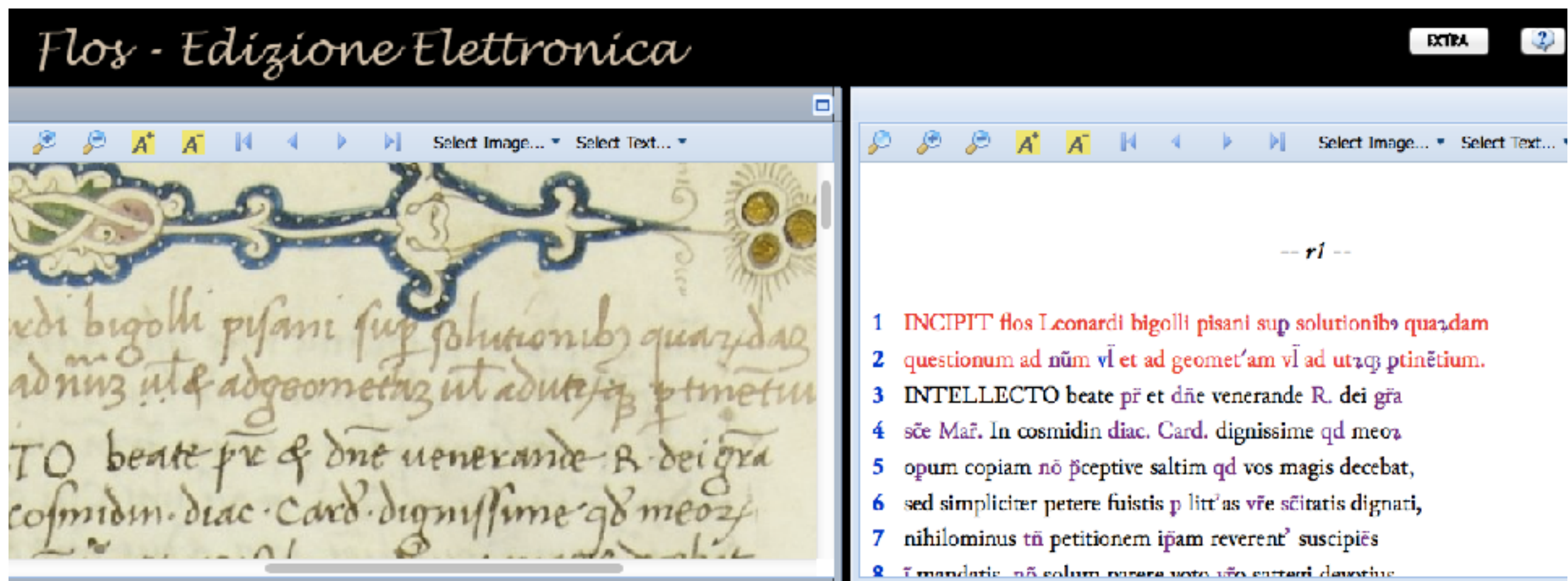
00000305r12.imgf

06-12-1089 – ALTOPASCIO (pergamena)



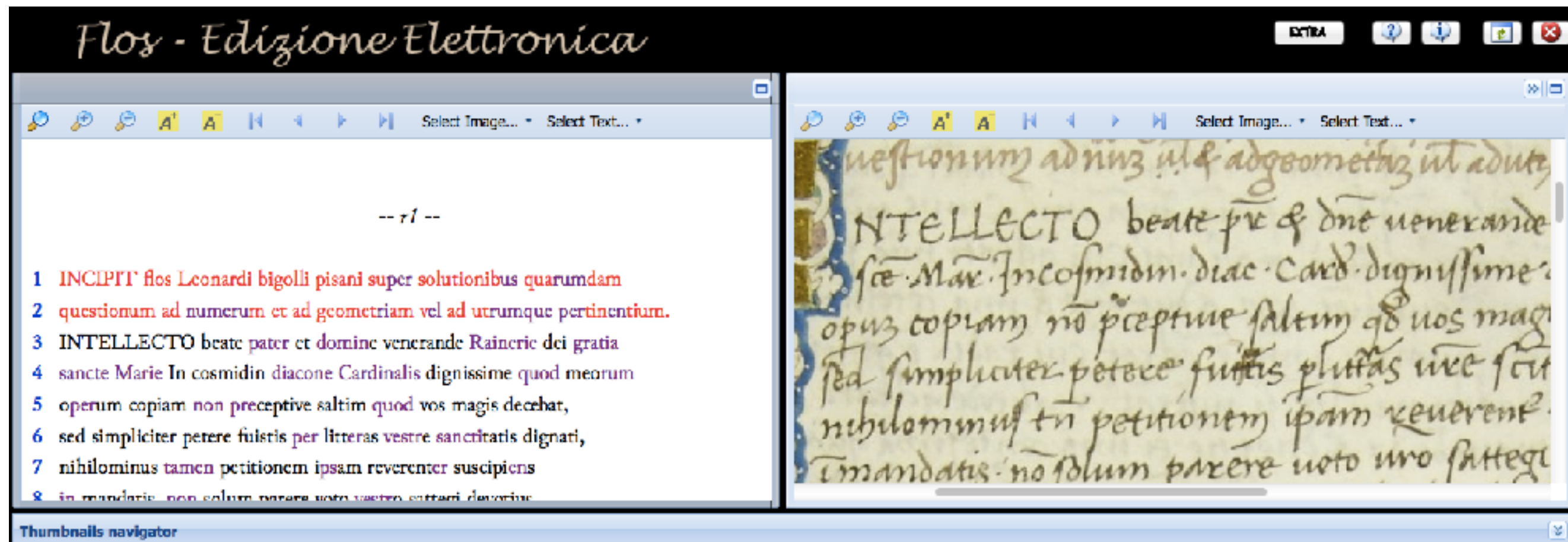
diplomatic edition

enormous reading freedom
for skilled readers



normalized edition

great reading freedom
for skilled and not skilled readers
greater responsibility to the author



Source: <https://www.fox.com/story/fox-12-philadelphia-coverage-2020-elections/3321116001>

1

1

10. Totum opus in unicâ re consistit

[illegible]

various combinations

web-based

text only

stand-alone

text and image

*web tools for reading
software / tools*

specific

full digital edition

benefits

- low cost (not completely true)
- text / image union + other objects
- maximum dissemination (Web edition) —> PH?
- collection of other material (previous editions, commentary, etc.)
- hypertextual reading
- research tools (lists and concordances, digital restoration, timeline, maps, etc.)
- possibility to correct or extend

but..

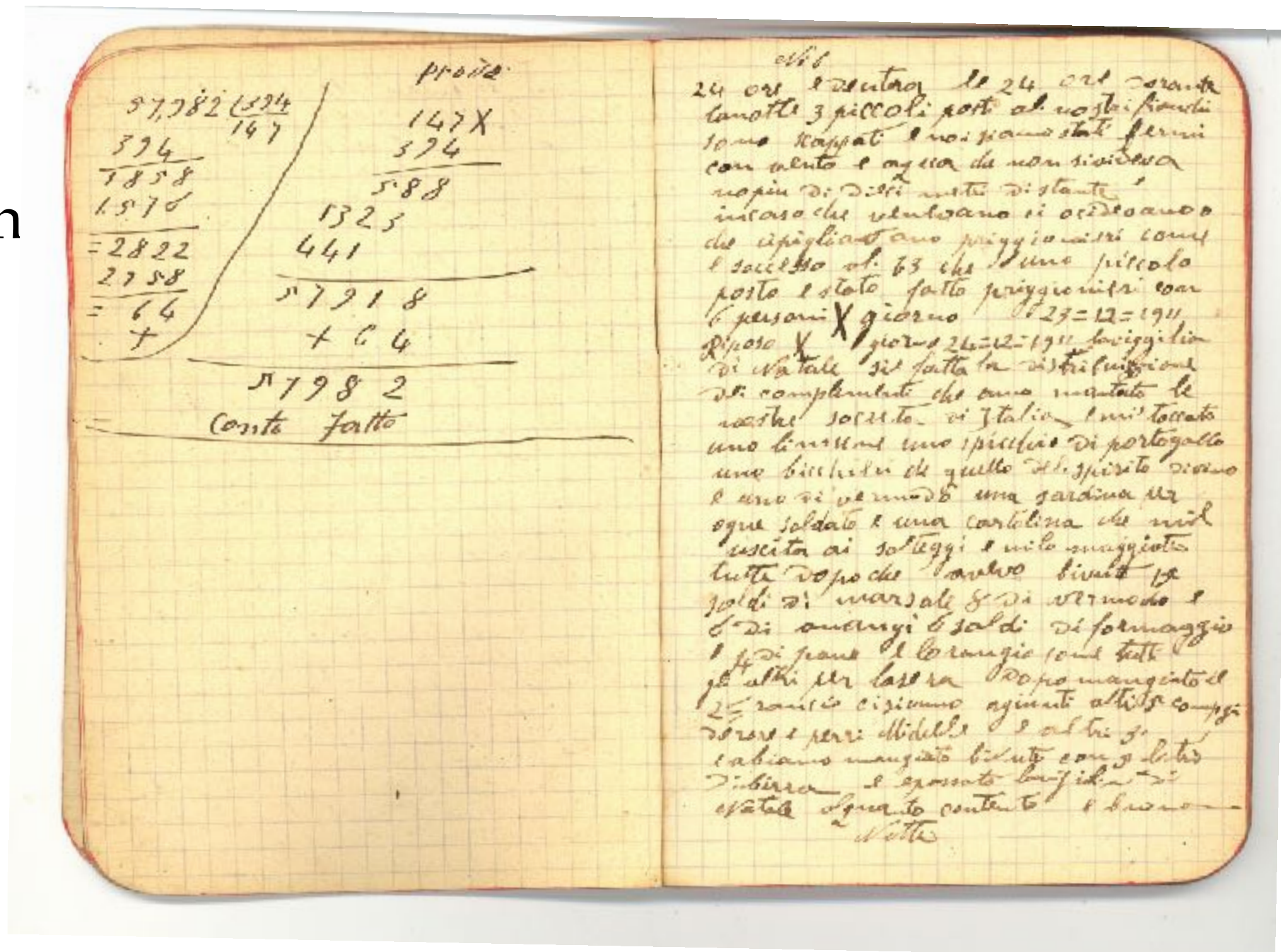
- digital editions are not yet widespread
- skepticism in academic environments
- evaluation of a digital edition is not easy
- consultation requires a minimum of computer skills
- compatibility problems
- risk of obsolescence
- never ending, never fixed edition
- team and interdisciplinary work (wonderful but EXPENSIVE in terms of time, money, management)
- great CHANGE in the way of working

crowdsourcing (edition & PH)

great
possibility in

collect
transcribe
comment
annotate

sources
by people



Traditional Archives

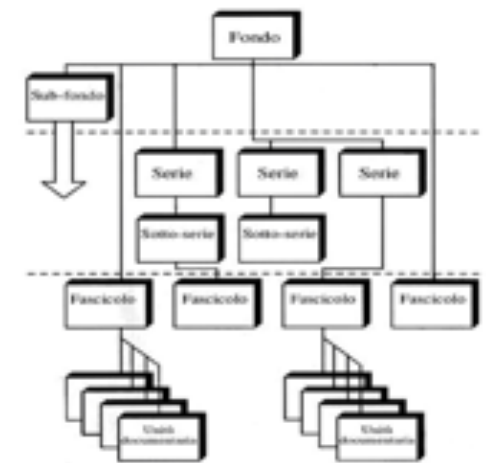
historical
based tree
structure

guidebooks

inventories



Struttura dell'Archivio della Provincia di Sassari



(IT ASPSS 00001) Fondo Archivio Storico della Provincia di Sassari (a partire dal 1838)

- 01.01 Carteggio fino al 1915 (1838-1918)
- 01.02 Carteggio dal 1916 (1916-1968)
- 01.03 Protocolli (1868-1964)
- 01.04 Rubriche dell'Archivio (1882-1964)
- 01.05 Rubriche alfabetiche (1924-1964)
- 01.06 Deliberazioni originali Consiglio Provinciale e Rettorato (1877-1964)
- 01.07 Deliberazioni originali della Deputazione Provinciale, del Preside e della Giunta Provinciale (1865-1964)
- 01.08 Copie di Deliberazioni del Consiglio Provinciale (1954-1964)
- 01.09 Copie di Deliberazioni della Giunta Provinciale (1954-1964)
- 01.10 Deliberazioni in via D'urgenza della Deputazione (1891-1923)
- 01.11 Ordini di Pagamento della Deputazione (1863-1889)
- 01.12 Elenchi delle pratiche sottoposte alla Giunta (1954-1958)
- 01.13 Registri cronologici delle deliberazioni (1952-1964)
- 01.14 Ordini del giorno del Consiglio (1954-1961)
- 01.15 Elenchi di deliberazioni della Deputazione e della Giunta (1949-1964)
- 01.16 Indici delle Deliberazioni (1904-1954)

Traditional & Current Archives

- growing attention to the digitalization BUT **there will never be a complete digitalization**
- growing attention to the problems of **preservation, privacy rights, copyright, secrecy, legal validity, etc.**

Archives (Libraries - Museums) 2.0

- user oriented tools, spaces, services
- communication and collaboration: blog, forum, podcast, virtual spaces to encourage the creation of a community (or communities) linked to the archives
- standard formats interoperability
- open source software to publish and share contents
- exhibitions, dossier
- games

<http://www.nationalarchives.gov.uk/>

Web of Archives

archivi d'impresa

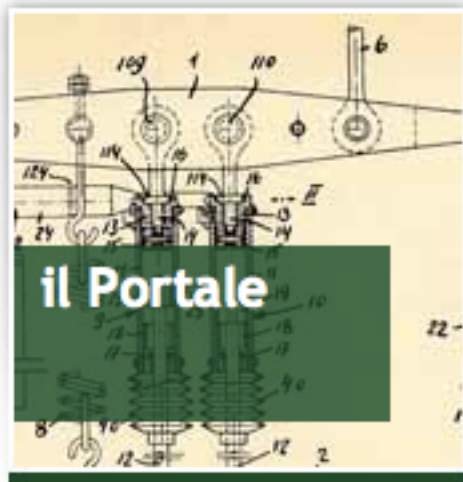
Guarda i documentari dell'Archivio nazionale cinema d'impresa www.cinemaimpresa.it

Guarda i video realizzati in collaborazione con Rai Educational [Gli archivi del cinema d'impresa](#) e [Gli archivi d'impresa](#)

Consulta oltre 170.000 descrizioni e immagini del fondo [Ufficio italiano brevetti e marchi \(1867-1965\)](#)

Cerca nel Portale

Vai



shared and open archives

- different institutions, same collection
- collection open to comments in order to improve, correct and increase data
- periodic checks by the staff who verify and update the "institutional" database

flickr® da YAHOO!®

Sei entrat

[Home](#) [Tu](#) | [Organizza e crea](#) | [Contatti](#) | [Gruppi](#) | [Esplora](#) | [Carica](#)



Album di The Library of Congress pro

[Raccolte](#) | [Set](#) | [Gallerie](#) | [Tag](#) | [Persone](#) | [Cartina](#) | [Archivi](#) | [Preferite/i](#) | [Profilo](#) |  | [Aggiungi The... tra i contatti](#)



Album di The Library of Congress pro

Raccolte Set Gallerie Tag Persone Cartina Archivi Preferite/i Profilo Aggiungi The... tra i contatti

★ Preferito Azioni Condividi

← Più recenti 🔍 Meno recenti →



Where bomb fell in Rue Des Recollets (LOC)

Bain News Service, publisher.

Where bomb fell in Rue Des Recollets

[between ca. 1910 and ca. 1915]



Album di The Library of Congress pro

Raccolte Set Gallerie Tag Persone Cartina Archivi Preferite/i Profilo Aggiungi The... tra i contatti

Where bomb fell in Rue Des Recollets (LOC)

Bain News Service,, publisher.

Where bomb fell in Rue Des Recollets

[between ca. 1910 and ca. 1915]

1 negative : glass ; 5 x 7 in. or smaller.

Notes:

Title from unverified data provided by the Bain News Service on the negatives or caption cards.
Forms part of: George Grantham Bain Collection (Library of Congress).

Format: Glass negatives.

Rights Info: No known restrictions on publication.

Repository: Library of Congress, Prints and Photographs Division, Washington, D.C. 20540 USA,
hdl.loc.gov/loc.pnp/pp.print

General information about the Bain Collection is available at hdl.loc.gov/loc.pnp/pp.ggbain

Persistent URL: hdl.loc.gov/loc.pnp/ggbain.17373

Call Number: LC-B2- 3249-4



Album di The Library of Congress pro

Raccolte Set Gallerie Tag Persone Cartina Archivi Preferite/i Profilo Aggiungi The... tra i contatti

Commenti e preferiti

★ Vahur Puik ha aggiunto questa foto alle sue preferite. (12 mesi fa)



Kilted Cowboy pro (12 mesi fa)

the very first bombs dropped by plane in WWI, along with leaflets advising the civilian populace to flee Paris

The first bomb to be dropped on Paris in the war fell at exactly 12.46 p.m. The second fell minutes later in the courtyard of 107 quai Valmy, a home for the aged and the third landed on the pavement outside 66 rue des Marais, not far from the Boulevard Magenta. The final explosive crashed through the skylight of 6 and 7 rue des Récollets and failed to explode. All the bombs landed within a few hundred metres of each other in the 10th arrondissement of Paris, the target probably being, despite the observer's stated concern for public safety, the two railway stations which were situated in this district of the capital, and which served, significantly, the north and east of France.

www.psywarfare.org/FallingLeafVfirstwwi.php



artolog pro (12 mesi fa)

Per the falling leaf article, the bombing was on August 30, 1914.



rjones0856 pro (12 mesi fa)

The date on the left side of the photo, enhanced in GIMP, looks like 10/13/14 or 10/18/14



JADA.203 (12 mesi fa)

Thanks.

★ bior hanno aggiunto questa foto alle loro preferite. (12 mesi fa)



artolog pro (11 mesi fa)

New York Times article from Sept. 1, 1914, about early WWI German bombings in Paris: query.nytimes.com/mem/archive-free/pdf?res=9802E3DC1E3BE6...

invented archives

Spontaneous but guided collections of sources that concern a particular community of people

Invented because the archives are not related to an institution that HAS to preserve its documentation.

- The September 11 Digital Archive : repository build by the Center for History and New Media
George Mason University

September 11

THE SEPTEMBER 11 DIGITAL ARCHIVE

SAVING THE HISTORIES OF SEPTEMBER 11, 2001

[HOME](#)[BROWSE](#)[REPOSITORY](#)[CONTRIBUTE](#)[SPECIAL COLLECTIONS](#)[9/11 FAQs](#)[9/11 LINKS](#)

This is a beta version of a new design for the September 11 Digital Archive.

Click here to view the previous version of the website.

The September 11 Digital Archive uses electronic media to collect, preserve, and present the history of September 11, 2001 and its aftermath. The Archive contains more than 150,000 digital items, a tally that includes more than 40,000 emails and other electronic communications, more than 40,000 first-hand stories, and more than 15,000 digital images. In September 2003, the Library of Congress accepted the Archive into its collections, an event that both ensured the Archive's long-term preservation and marked the library's first major digital acquisition.

Browse: Explore the collection for stories, images, emails, documents, sounds, and videos of September 11

Research: Search, sort, and examine the entire collection

Contribute: Tell your story, add your email, and upload images, documents, and other digital files to the Archive

[HOME](#) | [ABOUT](#) | [PARTNERS](#) | [STAFF](#) | [CONTACT US](#) | [NEWS](#)

Community-based social and digital history

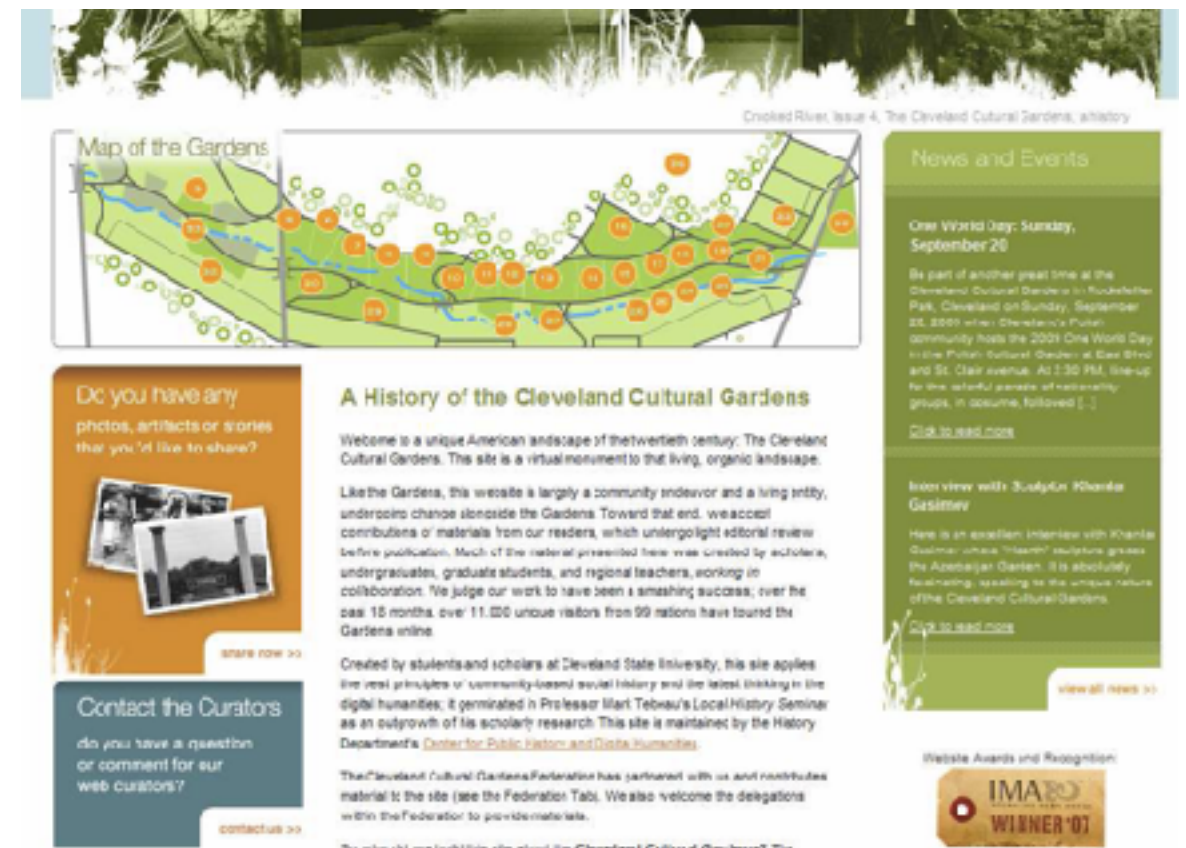
The Cleveland Cultural Gardens embody the history of XXth cent. America. Each individual garden is founded and maintained by the city's many ethnic communities, revealing the history of immigration to, and migration within, the United States.

The stones, paths, and memories of the Cleveland Cultural Gardens tell us what it has meant to be an American.

Cleveland Cultural Gardens are a community based digital archives on the web promoted by a Digital Public

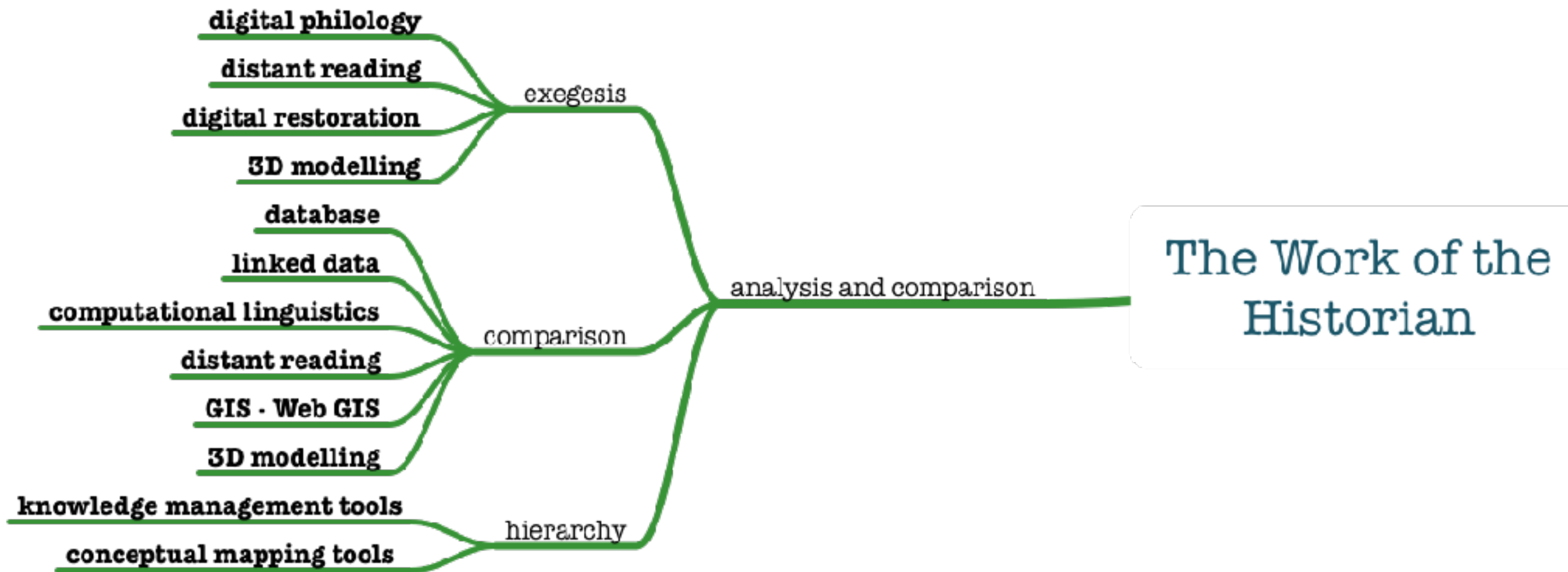
Historian [Dr. Mark Tebeau](#),
Department of History, Cleveland State University

<http://culturalgardens.org>



Historian at work

- 3 analysis and comparison



Genealogy tools

Rucastle MacX

Bookmarks Links Relationship Immediate family Personal data Union data

Witnessed
Individuals who participated

- RUCASTLE Gilbert (1870-1975)
 - Present - Marriage - 1935 - Lond
 - Present - Birth - 1908 - London
- CAREY Vernon Oliver (1903)
 - Witness - Will - 1971 - London
- RUCASTLE Reginald (1860-1942)
 - Witness - Marriage - 1928 - Lond
- TREGENNES Beatrice

Witness
bride's uncle
Deploy Showlink

RUCASTLE
Reginald
Stock Exchange
born : 1860
died : 1942 in Camberley
son of Adam RUCASTLE (1818-1906)
and of Ann HAYES (1833-1915)

No union
No child

Summary Ahnentafel Calendar

RUCASTLE 1
Alice Jean
born : Dec 2, 1908 in London
died : Jul 31, 1998 in London, aged 89 years old
Novelist

Adam MORLEY (1899-1934)
Christopher Edward THOMAS (1910-1991)

Married Delete union

1987 — Chris & Alice at Margate

Event Sources Witnesses Media

November 22, 1935 — King's Weigh House Chapel - Westminster

Individuals: 134 Families: 36 Surnames: 39 Places: 24 Sources: 6

♀ 3 ♂ 2

concordances

Concordance - Larkin.Concordance

File Text Search Edit Headwords Contexts View Tools Help

Icons: Open, Save, Print, Copy, Paste, Find, Bold, Italic, Underline, Paragraph, Color, Spell Check

Headword	No.	Context	Word	Context	Referer
HEAR	15	That my own	heart	drifts and cries, having no...	Deep Ar
HEARD	9	By the shout of the	heart	continually at work	And the
HEARING	7	Nothing to adapt the skill of the	heart	to, skill	And the
HEARS	2	The tread, the beat of it, it is my own	heart	,	Träumer
HEARSE	1	Because I follow it to my own	heart		Many fe
HEART	24	My	heart	is ticking like the sun:	I am wa
HEART'S	2	The vague	heart	sharpened to a candid co...	The Mar
HEART-SHAPED	1	Contract my	heart	by looking out of date.	Lines or
HEARTH	1	Having no	heart	to put aside the theft	Home is
HEARTS	7	And the boy puking his	heart	out in the Gents	Essentia
HEARTY	1	A harbour for the	heart	against distress.	Bridge f
HEAT	6	These I would choose my	heart	to lead	After-Di
HEAT-HAZE	1	Time in his little cinema of the	heart		Time an
HEATH	1	This petrified	heart	has taken,	A Stone
HEATS	1	How should they sweep the girl clea...	heart	,	I see a c
HEAVE	1	Hands that the	heart	can govern	Heavies
HEAVEN	4	For the	heart	to be loveless, and as col...	Dawn
HEAVEN-HOLDI...	1	With the unguessed-at	heart	riding	One ma
HEAVIER-THAN...	1	If hands could free you,	heart	,	If hands
HEAVIEST	1	That overflows the	heart		Pour aw
HEAVILY	1	The	heart	would rest quiet,	If grief c
HEAVY	2	Heart	lie instant		If grief c
HEAVY-HEADED	1				

Alignment: Centred, Left-aligned, None

Words: 7126 Tokens: 35238 At word: 2854 Word sort: Asc alpha (string) Context sort: Asc occurrence order

distant reading

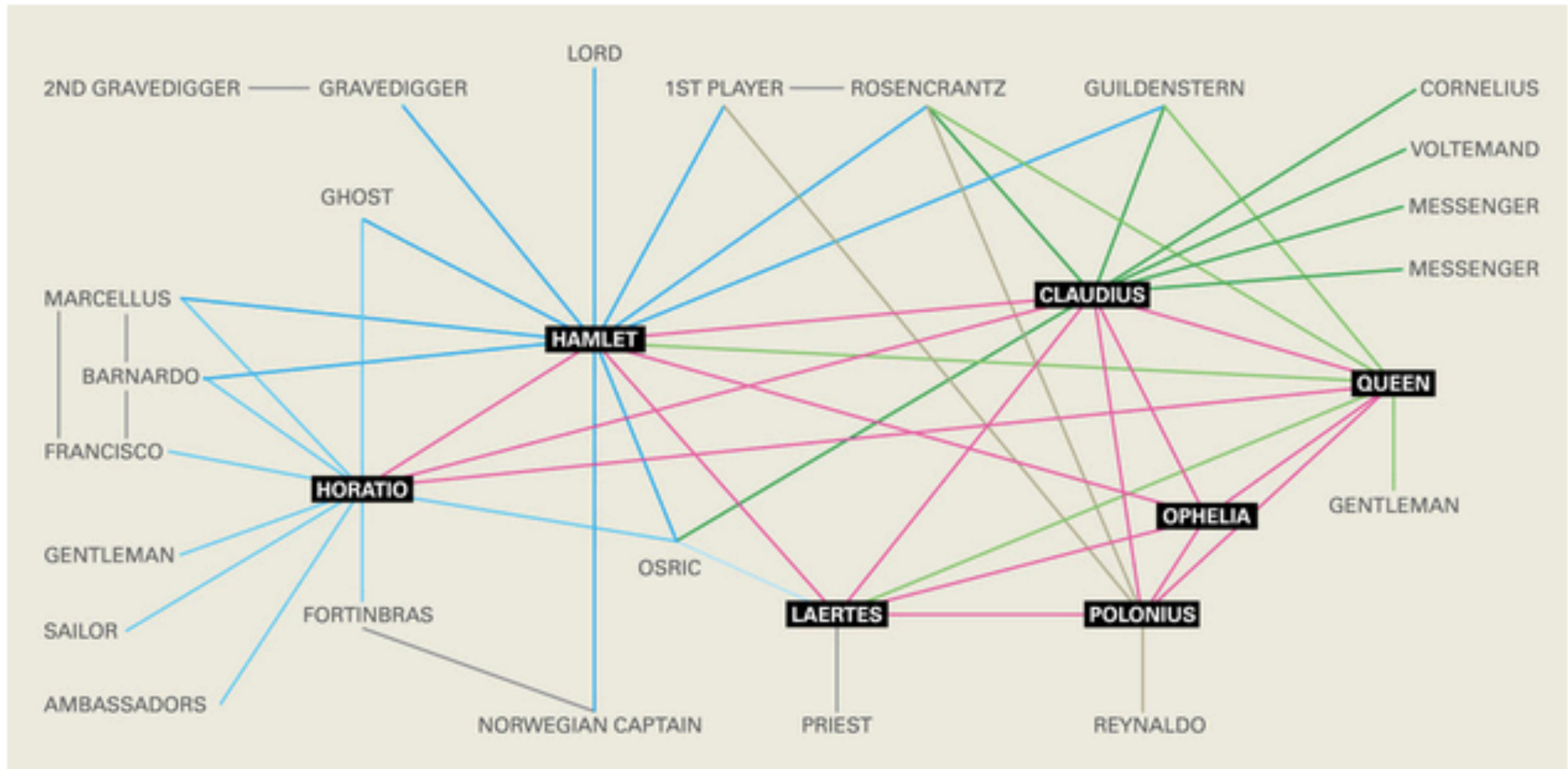
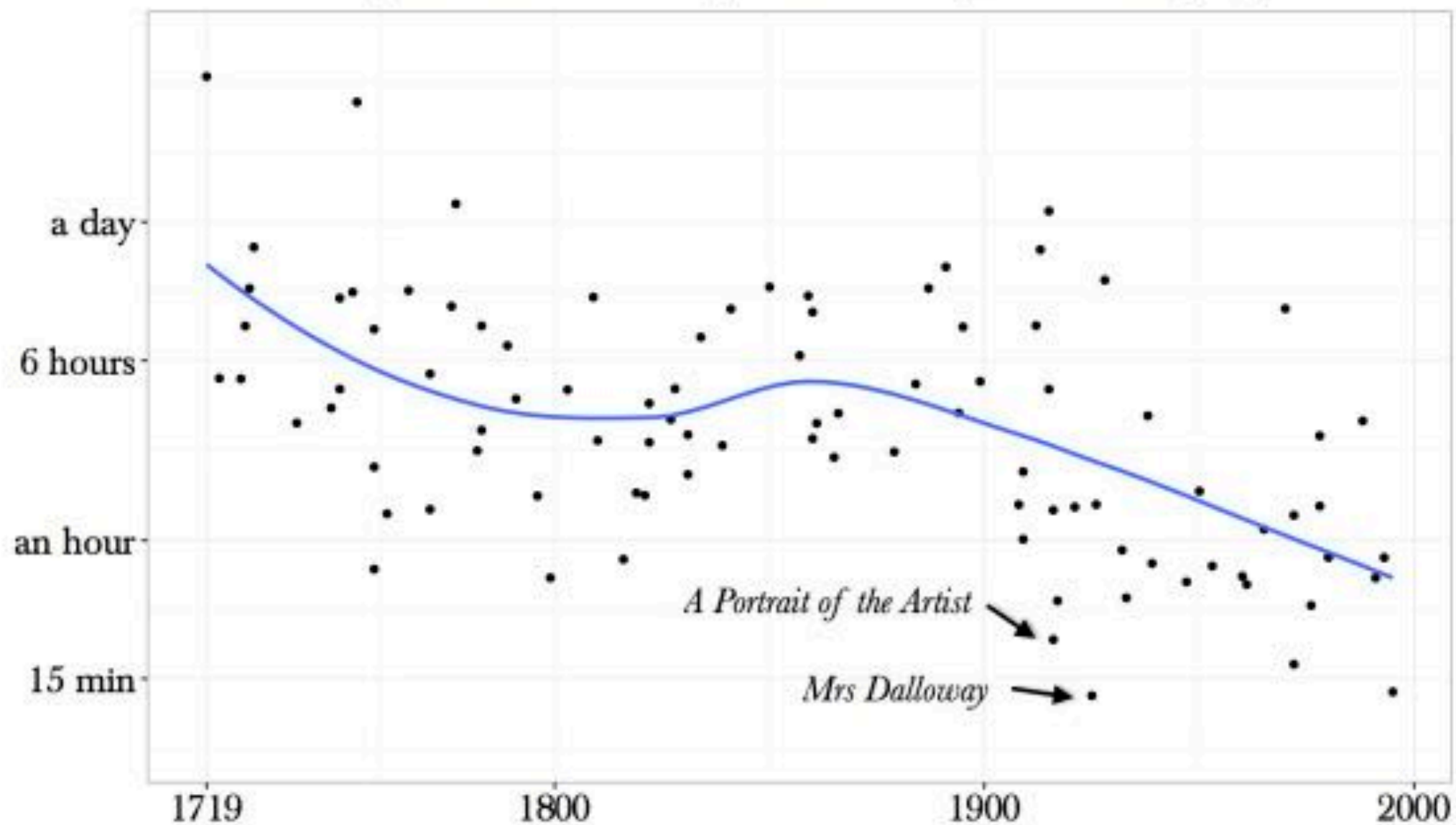


Illustration by Joon Mo Kang (Source: Stanford Literary Lab)

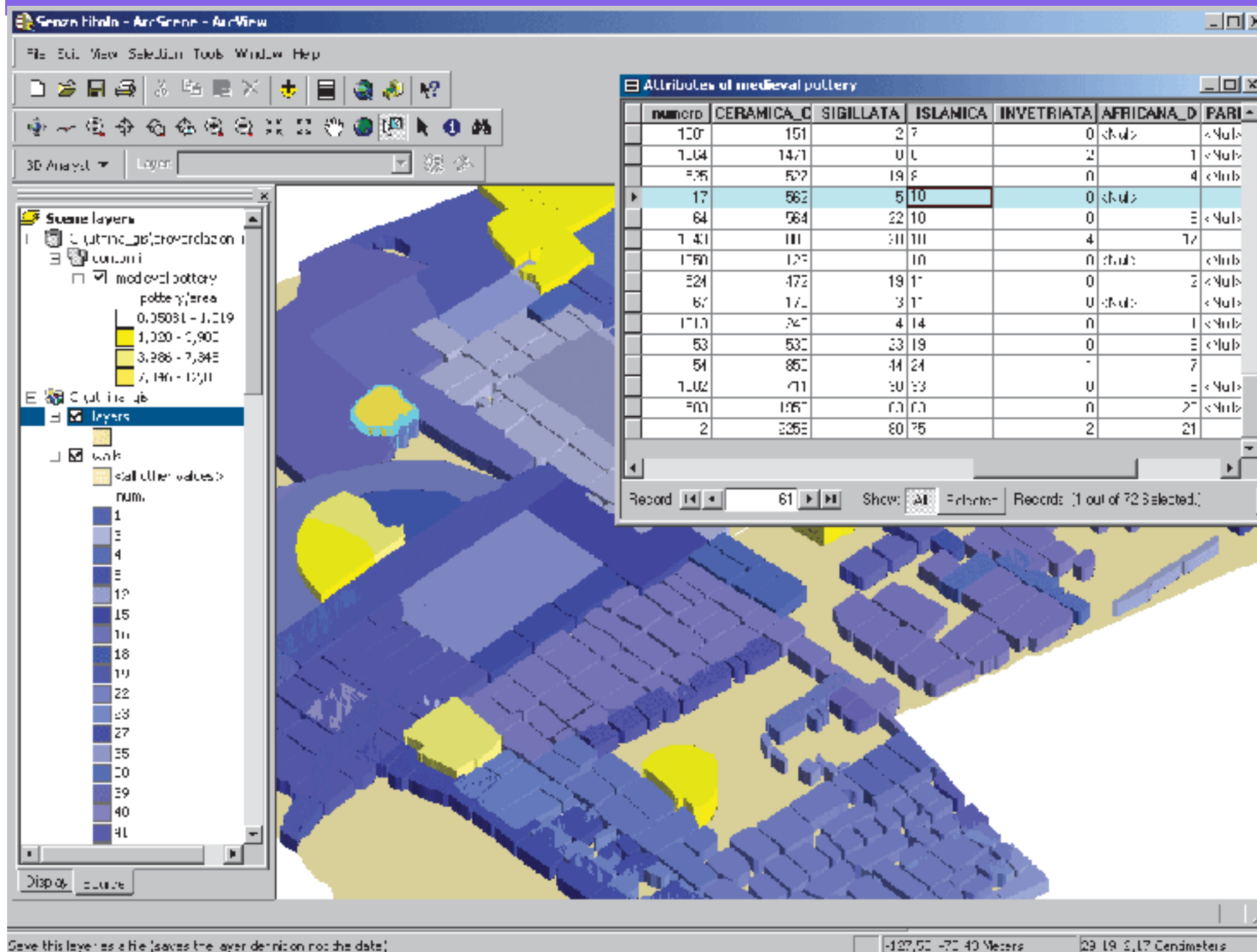
distant reading

Time narrated, on average, in 250 words
in a hypothetical world

(where modernism is responsible for changes in narrative pace)



GIS / WEB GIS



a system designed to capture, store, manipulate, analyze, manage, and present spatial or geographic data.

Timeline

- ClaviusOnTheWeb



Timeline



various tools

- repertories
- dictionaries
- calendars
- dates converter
- paleografia database
- maps



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(a) aliam

xiii f.

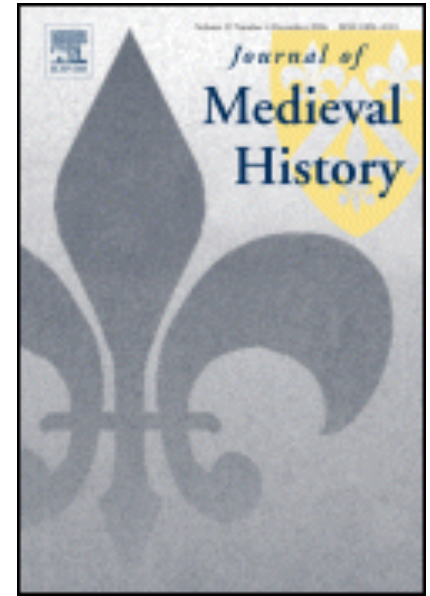
Historian at work

- 4 output

Traditional output



scientific publication



congress

lecture

lesson





up to you

- two groups
- use a mindmap tool on line (if you want)
- <https://www.mindmeister.com>

