QUALITY METADATA: REINVENTING SERVICE

MISSOURI LIBRARY ASSOCIATION
2014 CONFERENCE
OCTOBER 10, 2014

FELICITY DYKAS
HEATHER LEA MOULAISON
KRISTEN GALLANT

This project funded in part by a grant from the MU Wallace Foundation.

iSchools
School of Information Science & Learning Technologies
University of Missouri
MU Libraries
University of Missouri
Missouri Library Association

WHY DOES QUALITY MATTER TO SERVICE?

"Metadata ultimately supports retrieval and use, but if records do not contain quality metadata, the content that they describe will be hidden from end-users" (Moulaison, 2014, p.4).

➔Quality metadata **IS** important to Missouri libraries.

2

WHAT IS QUALITY?

- "Quality judgments are by definition **subjective and incomplete**" (Conway, 2011, p. 299)
- Not one size fits all; based on needs
- Some characteristics (Bruce and Hillmann,2005, p. 243) …
  - completeness
  - accuracy
  - provenance
  - conformance to expectations
  - logical consistency and coherence
  - timeliness
  - accessibility

3

AGENDA

- Background and key concepts
- Study
- Method
- Results
- Implications for users
- Repositories in Missouri
- Reflections
- Next steps

4

DIGITAL REPOSITORIES FOR LOCAL CONTENT

- Digital Libraries (DL) ➔ Provide storage, preservation, and access for digitized and born digital content.
- Institutional Repositories (IR) ➔ Primarily at research institutions; hold electronic theses and dissertations (ETDs), faculty publications, etc.

5

DIGITAL REPOSITORY SOFTWARE

Depending on the type of repository, a wide selection of software products are available for data creation and sharing.

Characteristics: open access, customizable, hosted or installed locally, search engine friendly, support variety of media types

Some of the more common products being used are:

- Dspace
- Digital Commons / bepress
- CONTENTdm

6

THE DIRECTORY OF OPEN ACCESS REPOSITORIES - *OPENDOAR*

Is an international directory of academic, open access repositories.

- Authoritative
- Repository lists
- Search for repositories
- Search for repository content

http://www.opendoar.org/

7

WHAT WE DID

We surveyed 50 randomly-selected U.S. digital repositories that were listed in the OpenDOAR directory. There are a total of 328 U.S. repositories included in OpenDOAR.

We asked administrators about their repositories and about practices and approaches for creating and evaluating metadata in digital repositories.

Conducted May-June 2014.

8

RESULTS

- Respondents: 23
- Repository demographics
- Metadata practices
- Metadata creation and environment
- Quality control

10

REPOSITORY DEMOGRAPHICS: REPOSITORY SOFTWARE

Repository/Software	Number Using (*N*=23)	%
DSpace	10	43%
Digital Commons / bepress	6	26%
Fedora	3	13%
Ex Libris DigiTool	2	9%
Hydra	2	9%
Islandora	1	4%
Omeka	1	4%
CONTENTdm	1	4%
Locally developed software	2	9%
Other	2	9%

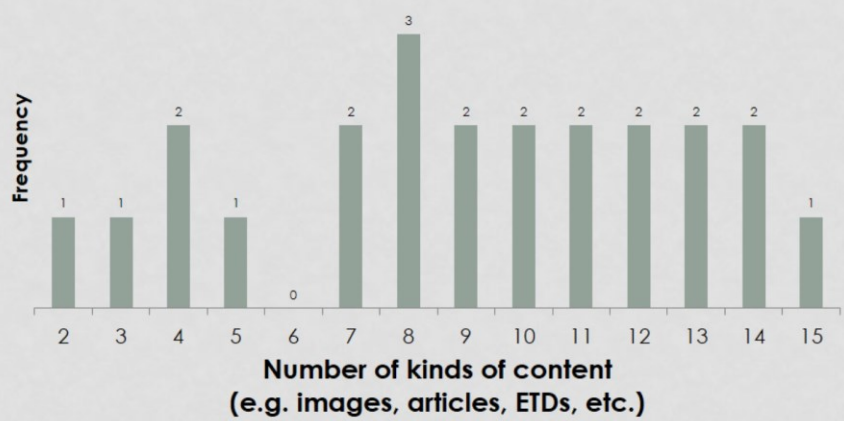
11

REPOSITORY DEMOGRAPHICS: KINDS OF CONTENT

Kinds of Content	Number Using (*N*=23)	%
Images	18	78%
Individual articles	18	78%
Student projects	18	78%
Photographs	17	74%
ETDs	15	65%
Presentations	14	61%
Reports	14	61%
Digitized books	14	61%
Video	14	61%
Journals	14	61%
Newspapers	12	52%
Audio	11	48%
White papers	9	39%
Research data/datasets	8	35%
Born digital books	6	26%
Databases	3	13%
Websites	1	4%
Other: government documents	1	4%
Other: University Archive items	1	4%
Other: collective bargaining agreements	1	4%

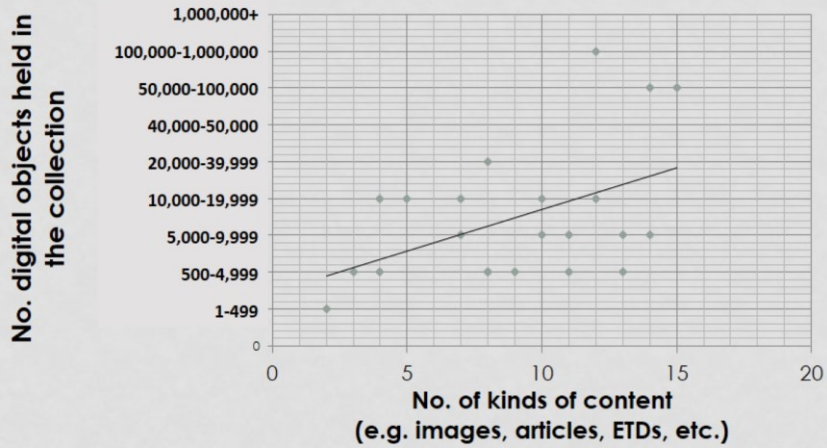
12

REPOSITORY DEMOGRAPHICS: NUMBER OF KINDS OF CONTENT PER REPOSITORY



13

REPOSITORY DEMOGRAPHICS: NUMBER OF OBJECTS BY NUMBER OF KINDS OF OBJECTS



14

METADATA PRACTICES: CONTROLLED VOCABULARIES (6 DID NOT RESPOND)

Controlled Vocabulary	Responses (*N*=17)	%
Library of Congress Subject Headings (LCSH)	15	88%
Name authority file (NAF)	4	24%
Art & Architecture Thesaurus (AAT)	3	18%
Medical Subject Headings (MeSH)	2	12%
Thesaurus for Graphic Materials (TGM)	2	12%
Library of Congress Genre/Form Terms (LCGFT)	2	12%
Getty Thesaurus of Geographic Names (TGN)	1	6%
Union List of Artist Names® (ULAN)	0	0%
Faceted Application of Subject Terminology (FAST)	0	0%
Other	3	18%

15

METADATA PRACTICES: ENCODING SCHEMA

Encoding Schema	Responses (*N*=23)	%
Dublin Core	12	52%
Qualified Dublin Core	11	48%
MODS	6	26%
MARC	4	17%
PREMIS	3	13%
EAD	2	9%
ETD-MS	1	4%
MIX	1	4%
MADS	0	0%
CDWA	0	0%
PBCore	0	0%
TEI	0	0%
TextMD	0	0%
VRA	0	0%
Other	6	26%

16

METADATA CREATION ENVIRONMENTS

Team Member	Creates DESCRIPTIVE metadata	% out of 19	Creates ADMINISTRATIVE metadata	% out of 19	Reviews metadata	% out of 19
Librarian (master's level)	16	84%	14	74%	15	79%
Paraprofes-sional	10	53%	3	16%	6	32%
Administrator (outside department)	7	37%	3	16%	3	16%
Department head	3	16%	3	16%	4	21%
Subject specialist	4	21%	2	11%	3	16%
Student worker	4	21%	2	11%	0	0%
Volunteer	2	11%	1	5%	1	5%
IT	0	0%	2	11%	2	11%

17

METADATA CREATION ENVIRONMENT: BEST PRACTICES DOCUMENTATION

Best Practices	Number (*N*=18)	%
Best practices: homegrown	11	61%
Best practices: RDA	4	22%
Best practices other	1	6%
Best practices: Western States	1	6%
None mentioned	6	33%

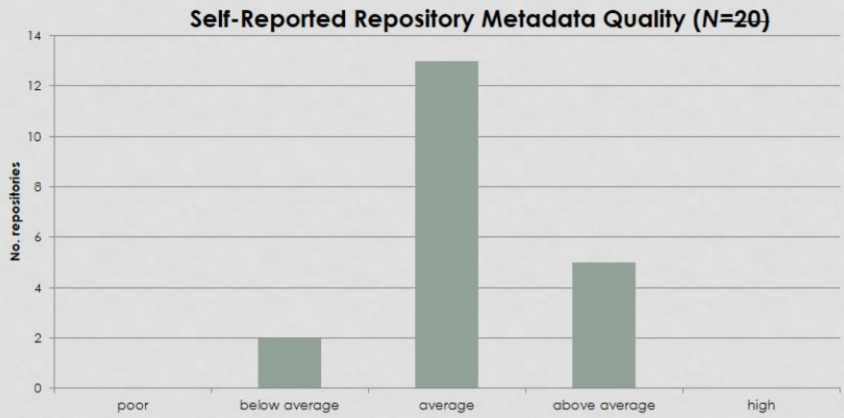
18

METADATA CREATION ENVIROMENT: OTHER RESOURCES USED IN METADATA CREATION

Other Resources	Number Using (*N*=18)	%
OCLC Connexion	8	44%
oXygen XML editor	4	22%
RDA Toolkit	4	22%
Cataloger's Desktop	3	17%
Classification Web	3	17%
MARCedit	3	17%
VIAF	3	17%
id.loc.gov	2	11%
DublinCore Generator.com	1	6%
ORCID	1	6%
None mentioned	5	28%

19

RESPONDENTS RATED THE QUALITY OF THEIR METADATA



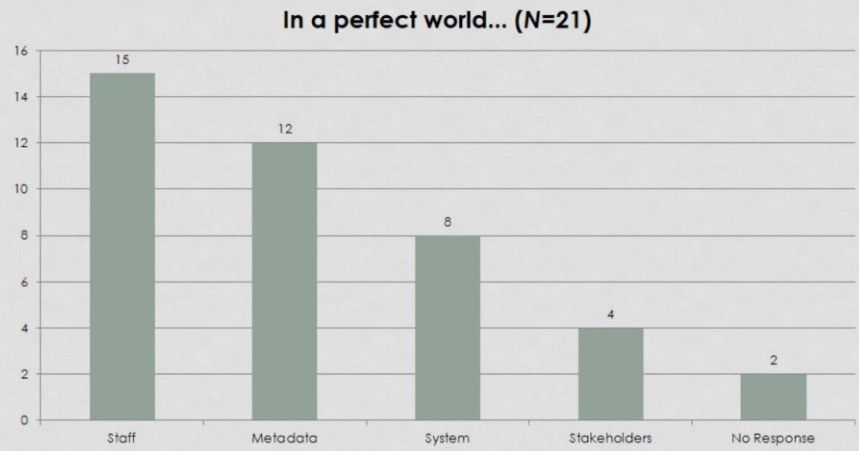
20

Q.C. IN THE REPOSITORY

- In response to a question about quality control for collections or the overall repository, the following were mentioned:
- Developing workflows
- use of an application profile or core data dictionary
- authority control
- Templates
- use of metadata schemes.

21

HOW ADMINISTRATORS WOULD IMPROVE QUALITY



Coded responses based on 19 free-text survey answers.

22

SAMPLE RESPONSES: HOW ADMINISTRATORS WOULD IMPROVE QUALITY

- Staff: Hire somebody who has time to do this instead of tacking it onto the schedule of somebody who already has a full time position (#1)
- Metadata: I would have all records described in qualified Dublin Core (#28)
- All of the concerns (staff, metadata, system, stakeholders):

1. Much more outreach about it - particularly in the context of workflows that mean something to researchers - and thus more willingness from non-metadata librarians, such as liaison librarians, to learn some metadata basics that they could consult with researchers on. / 2. More controlled vocabularies & authority standards connected to our fields, so that users could select, rather than type in, what applies to their objects. / 3. Dedicated metadata expertise for the repository service as it develops (particularly strategic thinking around metadata) (#17)

23

OBSTACLES TO MAKING THE "PERFECT WORLD" SCENARIO HAPPEN

Response	No. Responses (*N*=20)	%
Time limitations and staff hours	17	85%
Repository software limitations	12	60%
Institutional priorities	7	35%
Skill levels of staff	7	35%
Nature of legacy data	5	25%
Concerns about interoperability	3	15%
Current standards meet user needs	2	10%
Lack of necessary tools	2	10%
Other	4	20%

24

USER TASKS

- In the bibliograhpic universe, the conceptual model Functional Requirements for Bibliograhpic Records (FRBR) tells us that our metadata records should allow users to:
  - Find
  - Identify
  - Select
  - Obtain

library content. Quality metadata is how this happens.

26

FROM THE USER'S POINT OF VIEW:

- Find
- Identify
- Select
- Obtain

- Quality metadata means retrieval
  - If users can't find electronic content, they don't know it's there
  - If users can't identify and subsequently select content based on the metadata, they won't know if it meets their needs
- Quality metadata enables sharing
  - Retrieving across a number of platforms is possible when the metadata is good
  - OpenDOAR is a great example of this
- Quality metadata means access
  - Once users find content and evaluate it based on the metadata, they will be able to proceed to access it

27

REINVENTING PATRON SERVICES

- Quality metadata is key to a number of automated services libraries promote
  - Federated Search/Discovery (i.e. retrieval)
    - Library discovery layers – combining repository content with ILS content for search
    - DPLA and the new STL hub!
  - Community Engagement
    - Soliciting digital content that appeals to a variety of stakeholders – and that content's metadata
    - Serving up content through automated means
      - "Library as platform"

28

REFLECTIONS

- **Shareability** is a major goal of metadata, with interoperability a dimension of quality that can be reported
  - Whereas high quality might be context-dependent, changing from repository to repository, shareable metadata is consistently interoperable across databases and systems
    - Yet not everyone is using the same best practices documentation
  - Hillmann (2008) discusses the differences between traditional cataloging and work done in digital libraries. She observes that in digital libraries, "few communities of practice have been able to define their needs as a community" (p. 68).
    - Given that repositories are not sharing records, the need for shared best practices does not occur at the repository level and the need for a community of practice may not be perceived as important.
    - On the other hand, a large number of respondents are using controlled vocabularies with at least some of their repository material.

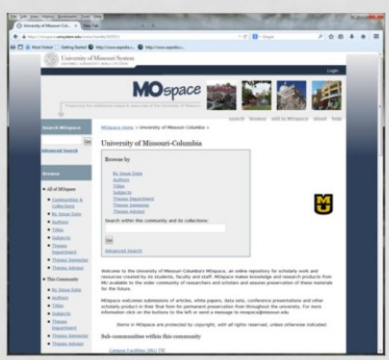
29

REFLECTIONS, CONTINUED

- **Size Matters**
  - In comparison to the traditional holdings of large academic libraries, digital repositories are still small.
  - 82% of respondents answering the question indicated that their repositories held fewer than 20,000 items, and 37% reported fewer than 5,000 items.
- **Content Is King**
  - The smaller repositories also reported having fewer kinds of content.
    - Stvilia and Gasser (2008) observe that large repositories may receive greater use than smaller repositories and their need for quality metadata may be greater, but, in what they call the "cycle of diminishing returns," larger repositories may have "greater difficulty in providing those metadata with limited resources as the metadata collection continues to grow and becomes increasingly diverse" (p. 67).

30

UNIVERSITY OF MISSOURI: MOSPACE



31

UNIVERSITY OF MISSOURI: MOSPACE

- Institutional Repository
  - Content is mostly born digital and includes electronic theses and dissertations, faculty papers and presentations, videos, podcasts, MU publications, and a few sets of research data
  - Dspace
  - Qualified Dublin Core
  - OAI-PMH (Open Archives Initiative Protocol for Metadata Harvesting)
- Digital Library
  - Content is mostly material that was digitized locally: books, maps, posters. Also we are starting to add born digital videos.
  - Islandora
  - MODS (Metadata Object Description Schema) and Dublin Core

32

REPOSITORY MANAGER PERSPECTIVE, PART 1

- We have great resources and want to make them available to the others outside MU
- The resources in our institutional repository are the work of faculty and students and we want to support and promote that work

33

REPOSITORY MANAGER PERSPECTIVE, PART 2

- Resources are tight
- What will help users to find, identify, select, and obtain resources in the MU digital repositories?
- This is a local repository. How closely do we need to adhere to shared standards?

34

IN PURSUIT OF ANSWERS …

- Current research project
- Looked at other Missouri repositories
- Considered how metadata in the repositories travel and is used elsewhere
- Identified some next steps

35

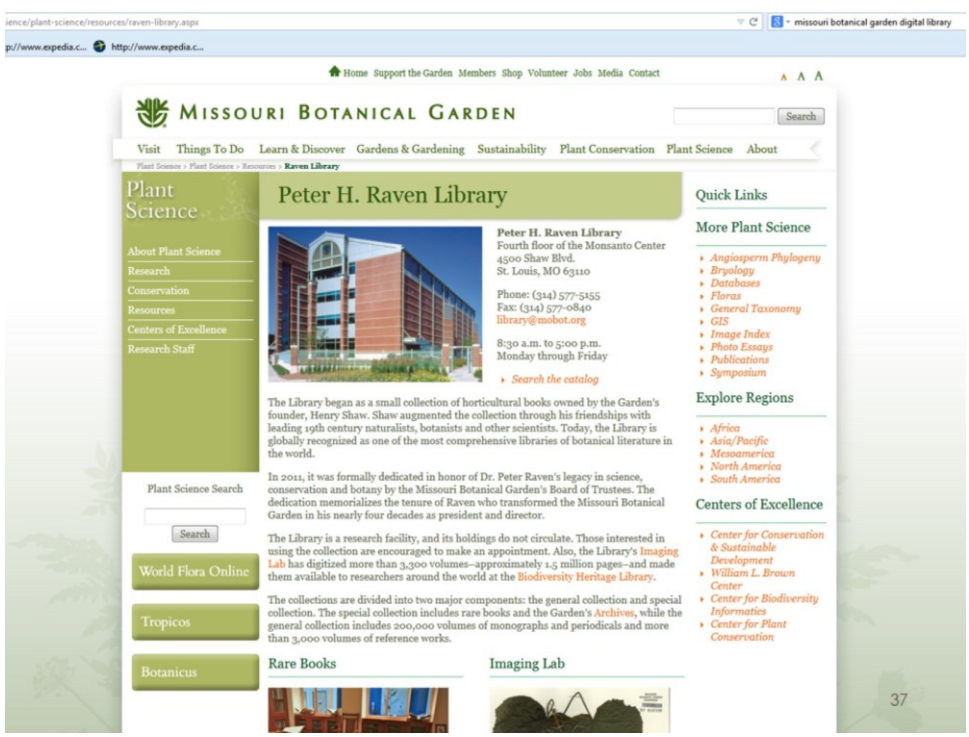
MISSOURI DIGITAL REPOSITORIES

- What metadata fields are included?
- What search options are available?
- Where else is the metadata used?

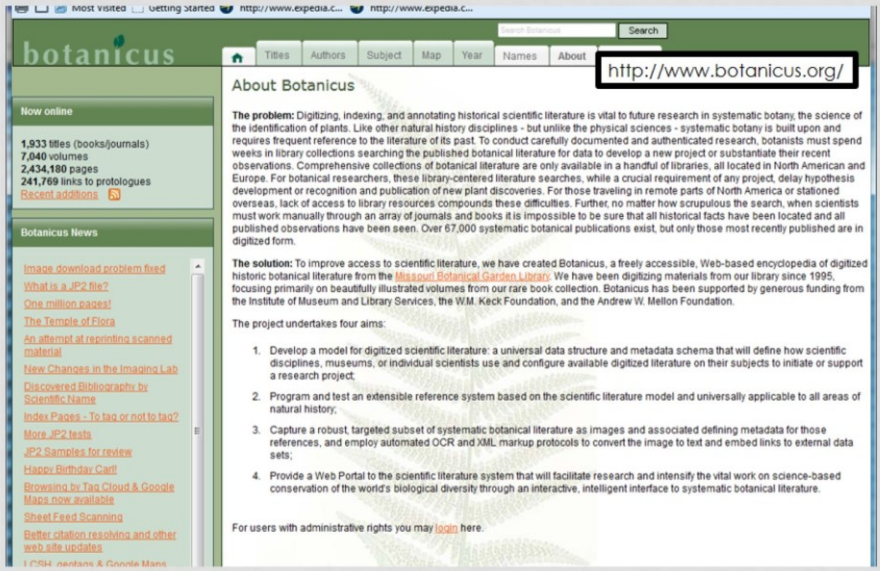
Quality criteria

- Find
- Identify
- Select
- Obtain

36



37



38

BOTANICUS: THE PROJECT UNDERTAKES FOUR AIMS:

3. "Capture a **robust**, targeted subset of systematic botanical literature as images **and associated defining metadata** for those references, and employ automated OCR and XML markup protocols to convert the image to text and embed links to external data sets."

39

http://www.expedia.c... http://www.expedia.c...

Search

Titles | Authors | Subject | Map | Year | Names | About | Copyright

Botanicus Digital Library

Botanicus is a freely accessible portal to historic botanical literature from the Missouri Botanical Garden Library. Botanicus is made possible through support from the Institute of Museum and Library Services, W.M. Keck Foundation, and the Andrew W. Mellon Foundation. Learn more...

Subject

(1787-1803) (1826-1829) (1827-1901) (1837-1840) (1838-1842) (1852-1854) (1876 : (1893 : (Abraham Paschal) (Adolph Eduard Willy), (Albert Henry), (Albert), (Alexander Dallas), (Alexis Randolph), (Alfred B.) (Alpheus Spring), (Alvan Wentworth), (Alvin Jewett), (Andreas Franz Wilhelm), (Andrew Lafayette), (Anton), (Archibald Ray), (Arthur), (Asahel) (Aubrey Henry) (Aug. Frederic), (August), (Augustus) (Benjamin Antoine), (Benjamin Davis), (Benjamin F.) (Benjamin Franklin), (Botanist) (Brandt Van Blarcom), (Carl Robert), (Charles Augustus) (Charles Christopher), (Charles E.) (Charles Eastwick) (Charles Eastwick), (Charles Edwin), (Charles Ephraim), (Charles Horton), (Charles Lewis), (Charles Theodore), (Charles Valentine), (Charles Wood), (Charles), (Christian Marinus), (Christopher Charles), (Coe Finch), (Conrad R.), (Constantine Samuel), (Curtis Gates), (Cyrus Guernsey), (Daniel), (David Fisher) (Diedrich Franz Leonhard von), (Ebenezer Herring), (Edson Sewell), (Eduard), (Edward C.) (Edward Carrington), (Edward Drinker), (Edward Griffin), (Edward H.), (Edward), (Eliza), (Ellen Ann), (Emil Adolf), (Engraver) (Engraver), (Enoch) (Ernest), (Ernst Heinrich Friedrich), (Erwin Frink), (Eugene Abraham), (Eugene Woldemar), (Eugène), (Ferdinand Vandeveer), (Fielding Bradford), (Francis Leroy), (Frédéric Albert Constantin) (Frédéric Albert Constantin), (Fréderic Hippolyte Albert) (Frederick A.), (Frederick Adolph), (Frederick Augustus Porter), (Frederick Edward), (Frederick Hinsdale), (Frederick William), (Frederick), (Friedrich Georg Jakob), (Friedrich Heinrich von), (Friedrich) (Friedrich), (Garland Carr), (Georg Heinrich Bernhard) (Georg), (George Brown), (George Clark) (George Clark), (George Clarke), (George Clinton), (George Dexter), (George Earnest), (George Edward), (George H.), (George Julius), (George Lincoln), (George Montague), (George N.), (George Washington) (George Washington), (George William), (George), (Georges François), (Giles S. B.), (Giorgio), (Giovanni), (Goodwin DeLoss) (Gouverneur Kemble), (Greenleaf Cilley), (Hans Herman), (Harry Crécy), (Harry Norton), (Heinrich Franz Alexander), (Heinrich Gustav), (Heinrich Karl Daniel), (Heinrich), (Henri), (Henry Albert), (Henry Hale), (Henry Lane), (Henry Nicholas), (Henry Parker), (Henry Wetherbee), (Henry), (Horticulturist) (Jacob Heinrich Wilhelm), (Jacob), (Jacques Denys), (James A.) (James Duncan), (James Harris), (James Harvey), (James Hervey), (James Parish) (James Pollard), (James Thomas), (James Watson) (James Watson), (Jared Potter), (Jean Baptiste), (Jean Nuytens) (Jefferson City) (Johann Baptist), (Johann Eduard), (John Albert), (John Alsop), (John Aston), (John Bernhard), (John Buchanan), (John Frazier) (John Frederick), (John Gill), (John Herman), (John Huntington Crane), (John Jefferson) (John Lawrence), (John Milton), (John Price Crozer), (John Strong), (John White) (John White), (John), (Joseph Basil), (Joseph Chamberland) (Joseph Finley), (Joseph Hinson), (Joseph Lancaster), (Joseph Nicolas), (Joseph), (Josiah Dwight), (Julien), (Julius Erasmus), (Julius Hermann) (Julius Hermann), (Justin

40

Titles | Authors | Subject | Map | Year | Names | About | Copyright

23 Titles tagged with "1796-1873"

1. Correspondence :Austin (Coe) and Engelmann (George).
   Publication Info:
   Tags: (Coe Finch), 1780-1834 1786-1859 1796-1873 1803-1873 1806-1889 1809-1884 1810-1888 1811-1885 1816-1882 1831-1880 1831-1920 1833-190 C. F Botanical specimens Callitriche Correspondence Engelmann, George, Gillman, Henry, Gray, Asa, Hegelmaier, Christoph Friedrich, Hepaticae Identification Juncaceae Juncus Leggett, William Henry, Lemna Lemnaceae Lesquereux, Leo, Letters Macoun, John, New York New York (State) Nuttall, Thomas, Orchidaceae Plants Schweinitz, Lewis David von, Spiranthes Sullivant, William Starling, Torrey, John, Wolffia Wright, Charles,
2. Correspondence :Buchenau (Franz) and Engelmann (George).
   Publication Info:
   Tags:
   (August), 1796-1873 1805-1877 1809-1884 1810-1885 1810-1888 1819-1904 1831-1906 1834-1913 1834-1922 1839-1887 1877 1881 Alisma Paul, Boissier, Edmond, Botanical specimens Braun, Alexander, Buchenau, Franz, Butomaceae Collection and preservation Convovulaceae Correspondence Echinodrus Eichler, August Wilhelm, Engelmann, George, Flora der Ostfriesischen Inseln Flora von Bremen Focke, Wilhelm Olbers, Garcke, Aug Gray, Asa, Isoetaceae Isoetes Juncaceae Juncus Letters Liliaceae Luzula Najadaceae Pinaceae Pinus Rosaceae Rubus Sagittaria Salicornia Seed Institution Torrey, John, Yucca
3. Correspondence :Frémont and Engelmann.
   Publication Info:
   Tags: 1796-1873 1809-1884 1813-1890 Correspondence Discovery and exploration Engelmann, George, Explorers Frémont, John Charles, Torrey, John, West (U. S.) West (U.S.)
4. Correspondence :Gever (Karl) and Engelmann (George).
   Publication Info:

41

Full Title:
Correspondence :Vasey (George) and Engelmann (George),

By:
Vasey, George,1822-1893.

Publication info:

Call Number:
Archives Collection 1 RG 4/1/5/1

Bibliographic Details:
View in MBG Library online catalog.

Find in a local library

42

Author Vasey, George, 1822-1893.
Title Correspondence : Vasey (George) and Engelmann (George), 1849-1883.
Click on the following to
View digitized version of this work at Botanicus.org
View digitized version of this work at Biodiversitylibrary.org

Manuscript

Copies

Location	Call No.	Status	Message
MBG Archives	Archives Collection 1 RG 4/1/5/1 Vasey to Engelmann, 1849-1875	AVAILABLE	
MBG Archives	Archives Collection 1 RG 4/1/5/1 Vasey to Engelmann, 1876-1883	AVAILABLE	

Author, title, publisher, description, summary …

Description 2 folders 54 letters (39 linear feet)
Arranged chronologically.
Access The collection is open for research.
Summary Incoming correspondence to George Engelmann from George Vasey, for 1849-1883. The correspondence relates to a desire to exchange rare Illinois plants for Texan, northwest of California plants; associated with the Chicago Academy of Science, "Prairie Farmer" and Illinois Natural History Society in connection with the State Normal University; wish for job of botanist of the Natural History Survey of Missouri. Collections for Rocky Mt. expedition; Maj. Powell's report of the botany. Deposit of wood specimens in the St. Louis Academy of Science. Changes in the Department of Agriculture; Vasey's work there. Forest tree collections and exhibit for the Centennial and Engelmann's collaborations on the conifers and oaks.
Folder contains original letters.
Cite As: George Engelmann Papers, 1831-1914 / Correspondence (Collection 1 RG 4/1/5/1),

Subjects and Genre Terms!

http://www.mobot.org/MOBOT/molib/part2.pdf.

Subject
Engelmann, George, 1809-1884 -- Correspondence.
Vasey, George, 1822-1893 -- Correspondence.
Carey, John 1797-1880.
Olney, Stephen T. (Stephen Thayer), 1812-1878.
Dewey, Chester, 1784-1867.
Mead, Samuel Barnum 1799-1880.
Gray, Asa, 1810-1888.
Hall, Elihu, 1822-1882.
Eaton, Daniel Cady, 1834-1895.
Hale, Thomas J. ca. 1834-ca. 1879.
Morse, John F. (John Frederick), 1815-1874.
Buckley, S. B. (Samuel Botsford), 1809-1884.
Lemmon, J. G. (John Gill), 1832-1908.
Brewer, William Henry, 1828-1910.
Hoopes, Josiah, 1832-1904.
Gordon, Alexander, 1813-1873.
Ridgway, Robert, 1850-1929.
Pickering, Charles, 1805-1878.
Chickering, J. W. (John White), 1831-1913.
Ward, Lester Frank, 1841-1913.
Smith, William R.,
Parry, C. C. (Charles Christopher), 1823-1890.
Howell, Thomas, 1842-1912.
Jones, Marcus E. (Marcus Eugene), 1852-1934.
Warder, J. A. (John Aston), 1812-1883.
Palmer, Edward, 1829-1911.
Thomas, Friedrich August Wilhelm, 1840-1918.
Baird, Spencer Fullerton, 1823-1887.
Newberry, J. S. (John Strong), 1822-1892.
Curtiss, Allen Hiram, 1845-1907.
Kellogg, A. (Albert), 1813-1887.
Lindheimer, Ferdinand, 1802-1879.
Watson, Sereno, 1826-1892.
King, H. (Henry), M.D.
Wislizenus, F. A. (Frederick Adolph), 1810-1889.
Rothrock, Joseph T., 1839-1922.
Bigelow, John M. (John Milton), 1804-1878.
Illinois Natural History Society.
Chicago Academy of Sciences.
Academy of Science of St. Louis.
Carex.
Cereus.
Cheilanthes.
Corydalis.
Cyperaceae.
Isoetaceae.
Juncus.
Saxifraga.
Cupressaceae.
Fagaceae.
Juncaceae.
Papaveraceae.
Pinaceae.
Pteridophyta.
Saxifragaceae.
Botanical specimens.

Genre
Letters.

Subject
Abies.
Isoetes.
Cupressus.
Juniperus.

44

BHL Biodiversity Heritage Library
About BHL Help

Browse Our Collection by: Titles Authors Date Collection
ADVANCED SEARCH
Search

Results for "vasey, george"
Books/Journals (35) Articles/Chapters/Treatments (1) Authors (3) Subjects (1) Scientific Names (0)

Sort By: Relevance Title Author Year Download results

Correspondence : Vasey (George) and Engelmann (George), 1849-1883.
By: Vasey, George,
Contributed by: Missouri Botanical Garden, Peter H. Raven Library
BHL Collections: Engelmann Papers, Missouri Botanical Garden
View Book

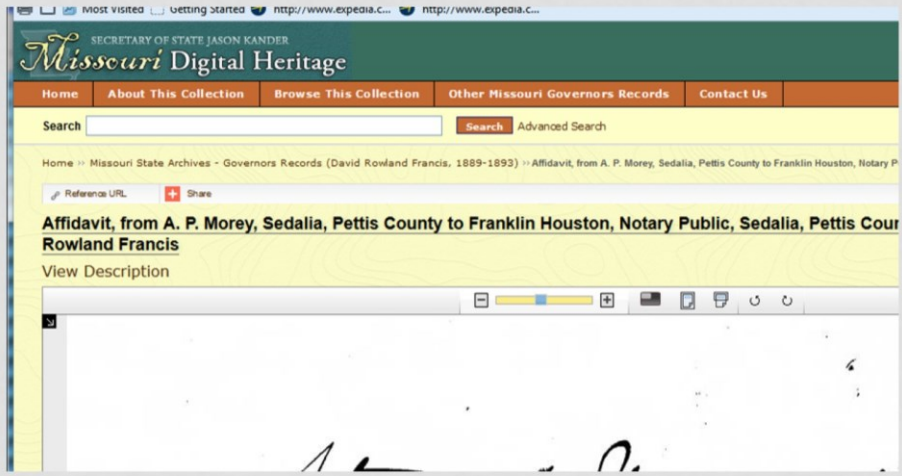
Reports upon the botanical collections made in portions of Nevada, Utah, California, Colorado, New Mexico and Arizona :during the years 1871, 1872, 1873, 1874, and 1875 /By J. T. Rothrock ... and the following scientists: Sereno Watson, George Engelmann, Thos. C. Porter, M. S. Bebb, William Boott, George Vasey, D. C. Eaton, Thos. P. James [and] Edward Tuckerman ...
By: Rothrock, Joseph T., - Bebb, M. S. - Boott, William, - Eaton, Daniel Cady, - Engelmann, George, - James, Thomas Potts, - Porter, Thomas Conrad, - Tuckerman, Edward, - Vasey, George, - Watson, Sereno,
Publication info: Washington,Govt. Print. Off.,1878

Support
Help Support BHL
BHL's existence depends on the support of its patrons. Help us keep this free resource alive!
Donate Now

Featured Collection

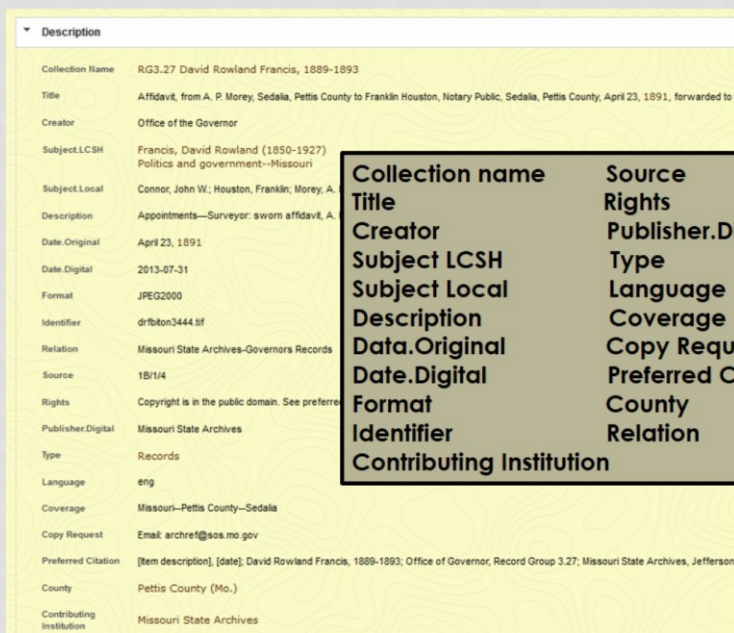
http://www.biodiversitylibrary.org/browse/collections

45



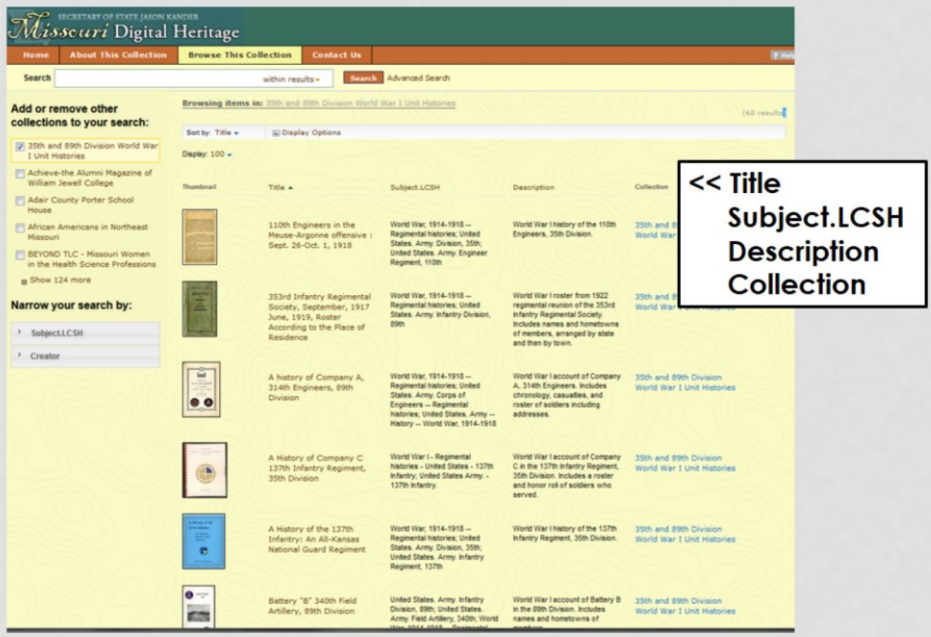
http://www.sos.mo.gov/mdh/

46



Collection name	Source
Title	Rights
Creator	Publisher.Digital
Subject LCSH	Type
Subject Local	Language
Description	Coverage
Data.Original	Copy Request
Date.Digital	Preferred Citation
Format	County
Identifier	Relation
Contributing Institution	

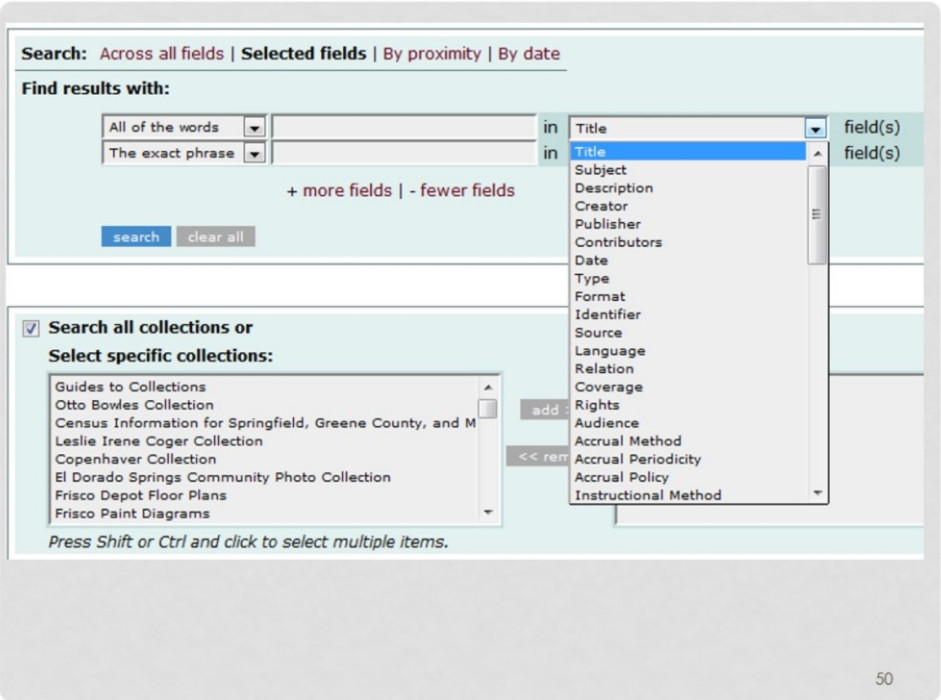
47

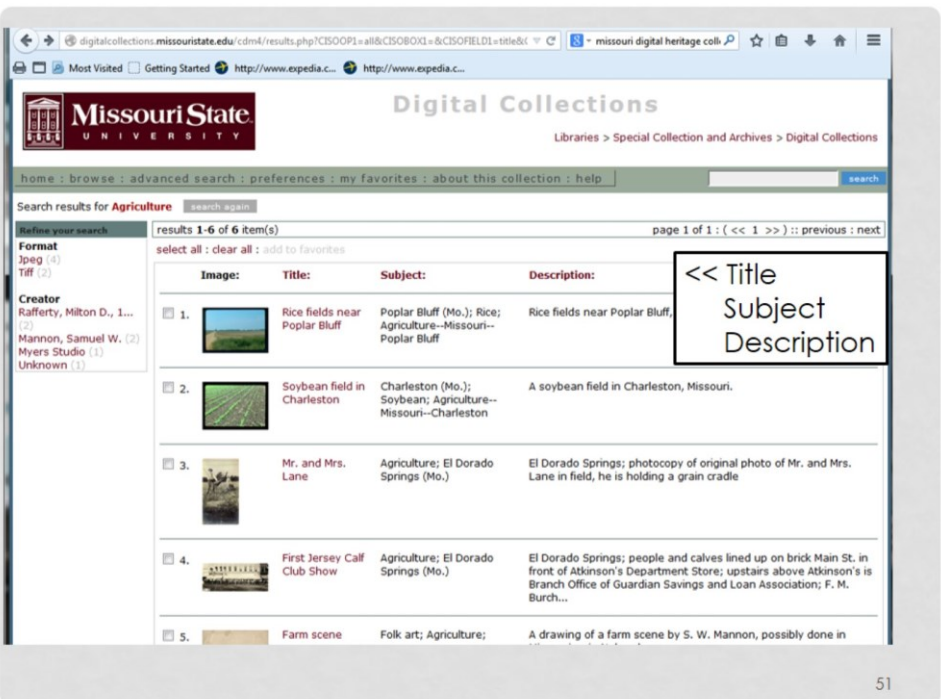

SECRETARY OF STATE JASON KANDER
Missouri Digital Heritage
Home
About This Collection
Browse This Collection
Contact Us
Search
Advanced Search
Add or remove other collections to your search:
35th and 89th Division World War I Unit Histories
Achieve-the Alumni Magazine of William Jewell College
Adair County Porter School House
African Americans in Northeast Missouri
BEYOND TLC - Missouri Women in the Health Science Professions
Show 124 more
Narrow your search by:
Subject.LCSH
Creator
Thumbnail
Title
Subject.LCSH
Description
Collection
<< Title
Subject.LCSH
Description
Collection

48


Missouri State
UNIVERSITY
Digital Collecti
home : browse : advanced search : preferences : my favorites : about this collection : help
Advanced Search
Search using specific options for more precise results.
My Favorites
Create and share My Favorites or view saved items as a slideshow.
Preferences
Customize options for search results, My Favorites, Compare and Slideshow views.
Help
Learn how to use My Favorites, Search, Preferences and Browse.
Guides to Collections
Included here are guides to the MSU Special Collections and Archives Departm
Contact the Archives with questions.
Barrows Family Collection
This collection primarily consists of correspondence of Freeman Barrows and hi
County, near Papinsville, Missouri. The Civil War-era correspondence has been
Springfield-Greene County Library District. Learn more about Freeman Barrows
about the entire collection.
Bowles Collection
This collection focuses on the Western Missouri and Kansas District Laborers' C
Council for many years. This collection was scanned in its entirety. See the find

49


Search: Across all fields | Selected fields | By proximity | By date
Find results with:
All of the words
The exact phrase
in
Title
field(s)
Title
Subject
Description
Creator
Publisher
Contributors
Date
Type
Format
Identifier
Source
Language
Relation
Coverage
Rights
Audience
Accrual Method
Accrual Periodicity
Accrual Policy
Instructional Method
+ more fields | - fewer fields
search
clear all
Search all collections or
Select specific collections:
Guides to Collections
Otto Bowles Collection
Census Information for Springfield, Greene County, and M
Leslie Irene Coger Collection
Copenhaver Collection
El Dorado Springs Community Photo Collection
Frisco Depot Floor Plans
Frisco Paint Diagrams
Press Shift or Ctrl and click to select multiple items.
50

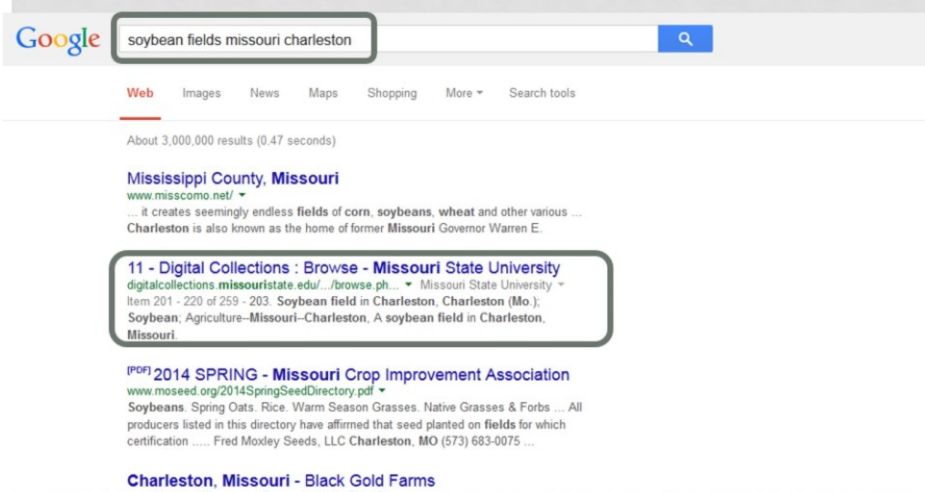

Missouri State University
Digital Collections
Libraries > Special Collection and Archives > Digital Collections
home : browse : advanced search : preferences : my favorites : about this collection : help
Search results for Agriculture
Refine your search
Format
Jpeg (4)
Tiff (2)
Creator
Rafferty, Milton D., 1...
Mannon, Samuel W. (2)
Myers Studio (1)
Unknown (1)
results 1-6 of 6 item(s)
page 1 of 1 : (<< 1 >>) :: previous : next
select all : clear all : add to favorites
Image:
Title:
Subject:
Description:
1. Rice fields near Poplar Bluff
Poplar Bluff (Mo.); Rice; Agriculture--Missouri--Poplar Bluff
Rice fields near Poplar Bluff,
2. Soybean field in Charleston
Charleston (Mo.); Soybean; Agriculture--Missouri--Charleston
A soybean field in Charleston, Missouri.
3. Mr. and Mrs. Lane
Agriculture; El Dorado Springs (Mo.)
El Dorado Springs; photocopy of original photo of Mr. and Mrs. Lane in field, he is holding a grain cradle
4. First Jersey Calf Club Show
Agriculture; El Dorado Springs (Mo.)
El Dorado Springs; people and calves lined up on brick Main St. in front of Atkinson's Department Store; upstairs above Atkinson's is Branch Office of Guardian Savings and Loan Association; F. M. Burch...
5. Farm scene
Folk art; Agriculture;
A drawing of a farm scene by S. W. Mannon, possibly done in
<< Title
Subject
Description
51

Title	Soybean field in Charleston
Subject	Charleston (Mo.); Soybean; Agriculture--Missouri--Charleston
Description	A soybean field in Charleston, Missouri.
Creator	Rafferty, Milton D., 1932-
Date	1975-06-06
Source	35mm photographic slide: Milton Rafferty Slides Collection (M009), "Ozarks Agriculture"
Collection	http://library.missouristate.edu/archives/speccoll/m009.htm
Rights and Usage	Use of digital images found on this website is permitted for private or personal use only. This mat Copyright Law (Title 17, U.S. Code). Copyrighted materials may be used for research, instruction, of Fair Use, outlined in section 107 of copyright law. Publication, commercial use, or reproduction requires prior written permission from the copyright holder. User assumes all responsibility for obt publish (including in digital format) from the copyright holder. For more information on using this Archives, Missouri State University: http://library.missouristate.edu/archives/generalinfo.htm
Digitization Specifications	Scanned using a Hewlitt-Packard ScanJet 5370C scanner with slide adaptor at 200 dpi in JPEG form
Publisher	MSU Digital Archives Initiative
Identifier	MOU_M009_01_0229
Format	jpeg
Type	image

- Title
- Subject
- Description
- Creator
- Date
- Source
- Collection
- Format
- Type

Plus rights and Preservation info

52



53

http://digitallibrary.truman.edu/

54

TRUMAN STATE DIGITAL LIBRARY

Browse options
(varies by collection)

- Collection
- Title
- Author
- Date
- Location
- Time period
- Category
- Composer
- Instrument

Advanced search

- Keyword for some or all words entered in the search box

55

Advanced Search | Browse Collection | Schools & Churches Home | Digital Library Home | Special Collections Home

College Mound School, ca. 1950s

Page 1 show full-size image >

Item information

Object Title	College Mound School, ca. 1950s
Creator	Williams, Clarence
Date Original	
Time Period	1950-1960
Location	Walnut Township, Adair County, Missouri
Description	Black & white photo depicting College Mound School, Adair County, Missouri
Pages	1
Object Type	Photographs
File Type	Jpeg
Subject (LCTGM)	One-room schools -- Missouri
Subject (LCSH)	School buildings; Rural schools -- Missouri -- Adair County
Language	
Collection Title	Schools and Churches of Adair County Digital Collection
Orig. Collection	
Orig. Format	B & W; 4.75 inches x 6.85 inches
Copyright	All images property of Truman State University. Commercial use or distribution for non-educational purposes is not authorized.
Contributing Institution	Pickler Memorial Library. Special Collections
Related Materials	Pearson, Wallace M. Schools in Adair County: A Pictorial Representation of Educational Institutions in Adair County, Missouri. Kirksville, Mo.: Journal Printing Co., 1954.
Contact	speccoll@truman.edu
Digitization Specification	Scanned with Epson Perfection V700 Photo scanner at 600 dpi, grayscale. Master image available in tiff format.
Notes	

Item information

Object Title	College Mound School, ca. 1950s
Creator	Williams, Clarence
Date Original	
Time Period	1950-1960
Location	Walnut Township, Adair County, Missouri
Description	Black & white photo depicting College Mound School, Adair County, Missouri
Pages	1
Object Type	Photographs
File Type	Jpeg
Subject (LCTGM)	One-room schools -- Missouri
Subject (LCSH)	School buildings; Rural schools -- Missouri -- Adair County
Language	
Collection Title	Schools and Churches of Adair County Digital Collection

56

THE KANSAS CITY PUBLIC LIBRARY

MISSOURI VALLEY SPECIAL COLLECTIONS

Advanced Search | Help | My Favorites

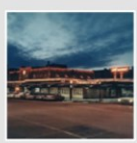
SEARCH

All Images Local History Index

HOME ABOUT BROWSE/SEARCH CATALOG LOCAL HISTORY ORDER BACK TO KCLIBRARY.ORG

Search Architecture Collections

GO



Askren Photograph Collection

Local photographer Robert G. Askren donated photographs and negatives to the Missouri Valley Special Collections in 2006. Images generally depict Kansas City buildings, parks, streets, important events, local personalities, and aerial views of Kansas City. The bulk of the collection dates from 1950s-1980s, although there are some early aviation photos.

Browse Collection | Browse Subjects | Search Collection

Building Profiles

Kansas City can boast its fair share of architecturally significant buildings. This digital collection highlights 26 of these and includes the historic Vaughan Diamond Building commonly called The Junction (featured here on the left), the New York Life building, Coca-Cola/Western Auto, City Hall, several theaters, and others. The profiles are in PDF form.

Browse Collection | Browse Subjects | Search Collection

http://www.kchistory.org/

57

Search current collection GO

Browsing page 1 of 3 with 54 item(s) in Guerrillas and Outlaws GO

1. Alexander Franklin (Frank) James

2. Allen H. Parmer

3. Andrew (Andy) McGuire

4. Archibald Clements (Arch or Little Archie)

5. Baxter Mitchell

6. Benjamin (Ben) Broomfield

7. Charles Fletcher (Fletch) Taylor

8. Charles Sanders

9. Clelland (Clell) B. Miller, Deceased

10. Fletcher Taylor with Frank and Jesse James

11. Frank James or Henry Clements

12. Frank Shepherd

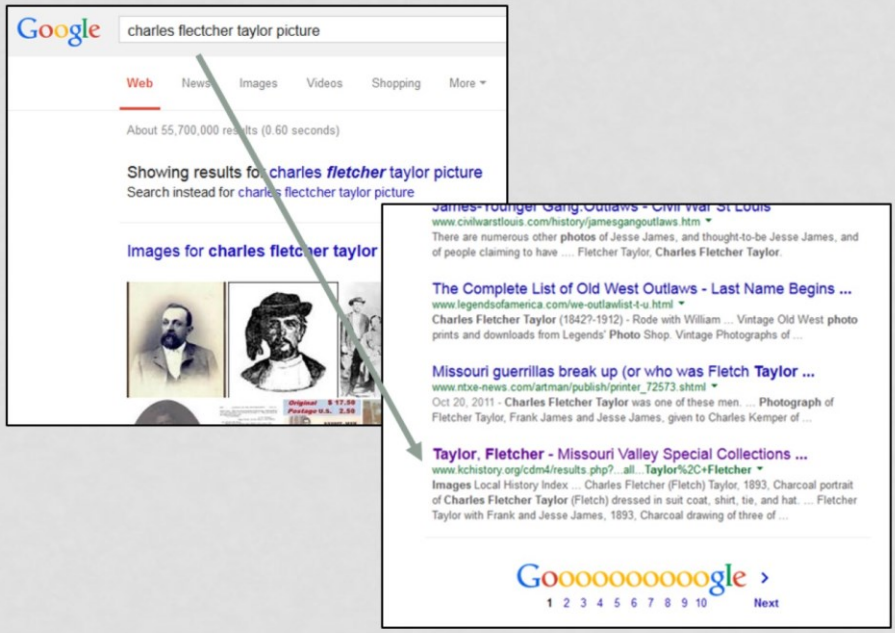
58

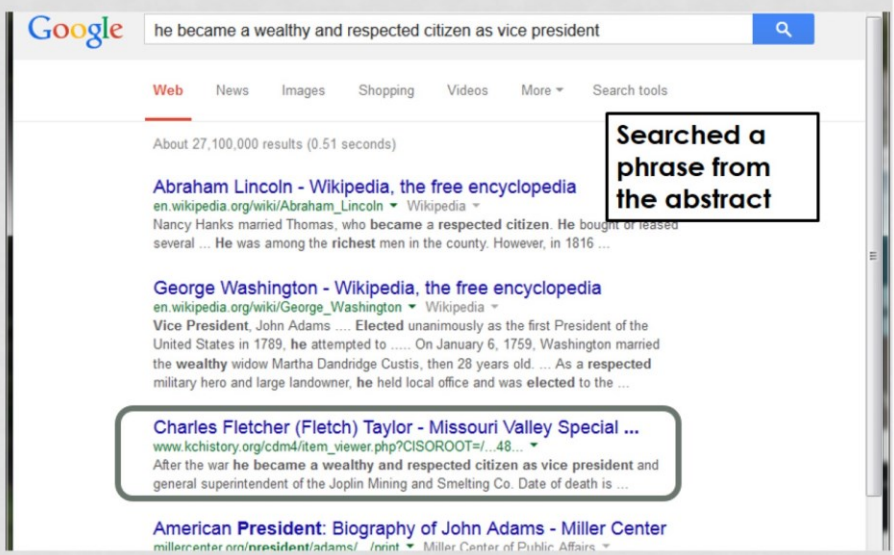
- Title
- Description
- Biographical Note
- See Also
- Creator
- Date
- Subject
- Local Subject
- Location
- Notes
- Item Type
- Digital Format
- Barcode
- Repository
- Rights

- Photographer
- Dimensions
- Item ID
- CONTENTdm number
- Call Number

Title	Charles Fletcher (Fletch) Taylor
Description	Charcoal portrait of Charles Fletcher Taylor (Fletch) dressed in suit coat, shirt, tie, and hat. Drawing is signed by the artist with "93" immediately below the signature. At the bottom right corner, "Fletcher Taylor" is written in different handwriting and black ink.
Biographical Note	Fletch Taylor was one of the first members of Quantrill's raiders. He took part in the Lawrence, Kansas, massacre on August 21, 1863, and lost his arm from a gunshot wound in 1864. After the war he became a wealthy and respected citizen as vice president and general superintendent of the Joplin Mining and Smelting Co. Date of death is uncertain but may have been sometime between August 1916 and August 1917.
See Also	For a detail description of some of Taylor's and John Thrailkill's activities specifically in Caldwell County, see "History of Caldwell and Livingston Counties, Missouri..." St. Louis, MO: National Historical Company, 1886, pp. 195-210 [MVSC 977.8185 C14a] and "Portraits of Conflict: A Photographic History of Missouri in the Civil War," p. 156 [MVSC Q 977.803 B67P].
Creator	Elmer Stewart
Date	1893
Subject	Charcoal drawings Portrait drawings Criminals Guerrillas
Local Subject	Border Warfare Outlaws Bushwhackers Civil War Taylor, Fletcher
Location	MVO-98F
Notes	The portrait was separated from the original mat board. It is believed that most of the Stewart drawings were made from photographs. The MVO (Missouri Valley Oversize) is composed of various types of art work including paintings, sculpture, drawings and sketches, large-size photographs, posters, and other miscellaneous items.
Item Type	Art Work, 18 x 22 in.

59


Google
charles flectcher taylor picture
Web
News
Images
Videos
Shopping
More
About 55,700,000 results (0.60 seconds)
Showing results for charles fletcher taylor picture
Search instead for charles flectcher taylor picture
Images for charles fletcher taylor
www.civilwarstlouis.com/history/jamesgangoutlaws.htm
There are numerous other photos of Jesse James, and thought-to-be Jesse James, and of people claiming to have .... Fletcher Taylor, Charles Fletcher Taylor.
The Complete List of Old West Outlaws - Last Name Begins ...
www.legendsofamerica.com/we-outlawlist-t-u.html
Charles Fletcher Taylor (1842?-1912) - Rode with William ... Vintage Old West photo prints and downloads from Legends' Photo Shop. Vintage Photographs of ...
Missouri guerrillas break up (or who was Fletch Taylor ...
www.ntxe-news.com/artman/publish/printer_72573.shtml
Oct 20, 2011 - Charles Fletcher Taylor was one of these men. ... Photograph of Fletcher Taylor, Frank James and Jesse James, given to Charles Kemper of ...
Taylor, Fletcher - Missouri Valley Special Collections ...
www.kchistory.org/cdm4/results.php?...all...Taylor%2C+Fletcher
Images Local History Index ... Charles Fletcher (Fletch) Taylor, 1893, Charcoal portrait of Charles Fletcher Taylor (Fletch) dressed in suit coat, shirt, tie, and hat. ... Fletcher Taylor with Frank and Jesse James, 1893, Charcoal drawing of three of ...
Goooooooooogle
1 2 3 4 5 6 7 8 9 10
Next
60


Google
he became a wealthy and respected citizen as vice president
Web
News
Images
Shopping
Videos
More
Search tools
About 27,100,000 results (0.51 seconds)
Searched a phrase from the abstract
Abraham Lincoln - Wikipedia, the free encyclopedia
en.wikipedia.org/wiki/Abraham_Lincoln Wikipedia
Nancy Hanks married Thomas, who became a respected citizen. He bought or leased several ... He was among the richest men in the county. However, in 1816 ...
George Washington - Wikipedia, the free encyclopedia
en.wikipedia.org/wiki/George_Washington Wikipedia
Vice President, John Adams .... Elected unanimously as the first President of the United States in 1789, he attempted to ..... On January 6, 1759, Washington married the wealthy widow Martha Dandridge Custis, then 28 years old. ... As a respected military hero and large landowner, he held local office and was elected to the ...
Charles Fletcher (Fletch) Taylor - Missouri Valley Special ...
www.kchistory.org/cdm4/item_viewer.php?CISOROOT=/...48...
After the war he became a wealthy and respected citizen as vice president and general superintendent of the Joplin Mining and Smelting Co. Date of death is ...
American President: Biography of John Adams - Miller Center
61

MISSOURI VALLEY SPECIAL COLLECTIONS

All Images Local History Index

HOME ABOUT BROWSE/SEARCH CATALOG LOCAL HISTORY ORDER

BACK TO KCLIBRARY.ORG

Sanborn Fire Insurance Maps, Kansas City, Missouri, 1895-1957

The Kansas City Sanborn Fire Insurance maps in the Missouri Valley Special Collections Digital Gallery consist of over 1200 individual pages or images. The large-scale maps provide an invaluable resource for historians, genealogists, geographers, students, environmentalists, and others researching buildings, neighborhoods, and the individuals that lived and worked in them.

Details on the maps include building footprints and numbers (addresses), street names and elevations, construction material, number of stories, and items like hydrants, fire alarms, and water mains. The locations of underground gasoline or oil tanks and water pipes are also indicated. The maps show rivers, railroad tracks, bridges, and types of buildings, like greenhouses, theaters, stables, etc. They identify businesses, schools, churches, hospitals, and other buildings by name.

By combining the maps with other resources in the Missouri Valley Room, like city directories, the Digital Gallery of images, and the newspaper clipping index, one can:

- Research the history of a building and surrounding area
- Learn little known facts regarding a residence, school, church, park, business, and more
- Trace neighborhood change and deve
- Provide clues for renovating a building
- Make your ancestors come alive by trac school, a business, or church
- And much more!

Collection level description

Sanborn Maps Home

Search This Collection

GO

Browse This Collection

Browse by Subject

- Local Subjects
- Buildings
- Businesses
- Street Names
- Districts
- Additions/Subdivisions
- Neighborhoods

Sample Searches

- 18th & Vine
- Crossroads Arts District
- Electric Park
- Pendleton Heights
- River Market
- West Bottoms

Related Resources

- Sanborn maps by volume
- Tutorial: Using the Sanborn Maps

62

University of Central Missouri

http://centralspace.ucmo.edu/xmlui/

- Advisor (4)
- Author
- Date submitted
- Description
- Abstract
- Extent
- Language
- Subject
- Subject, LCSH
- Title
- Type
- Degree, Discipline
- Degree, Grantor
- Degree, Name
- Degree, Level

Pre- and Post-perceptions of proper pharmaceutical disposal

Show simple item record

dc.contributor.advisor	Iske, Samuel Allen	
dc.contributor.advisor	Blunt, Leigh Ann	
dc.contributor.advisor	Greife, Alice	
dc.contributor.advisor	Allen, Tammy	
dc.contributor.author	Sedler, Hollie Jo	
dc.date.accessioned	2012-06-07T18:34:11Z	
dc.date.available	2012-06-07T18:34:11Z	
dc.date.issued	2012-06-07	
dc.date.submitted	2012-Spring	en_US
dc.identifier.uri	http://hdl.handle.net/10768/131	
dc.description	Includes bibliographical references (leaves 63-68)	en_US
dc.description.abstract	Pharmaceuticals are produced and used in increasingly large volumes every year. With this growth comes concern about the fate and effects of these compounds in the environment. The discovery of pharmaceuticals in the aquatic environment has stimulated research in the last decade. A wide range of pharmaceuticals has been found in fresh and marine waters, and it has recently been shown that even in small quantities, some of these compounds have the potential to cause harm to aquatic life. The primary pathway into the environment is the use and disposal of medicines. Students at the University of Central Missouri, located in Warrensburg, MO were requested to take part in a study. A pre-survey questionnaire, educational flier, and post-survey questionnaire were issued to gather and gain information. The results display that there is a need for proper education in the student community.	en_US
dc.format.extent	x, 89 leaves : ill., charts	en_US
dc.language.iso	en_US	en_US
dc.subject	Thesis -- Pharmaceutical disposal	
dc.subject.lcsh	Pharmaceutical disposal.	en_US
dc.title	Pre- and Post-perceptions of proper pharmaceutical disposal	en_US
dc.type	Thesis	en_US
dc.degree.discipline	Environmental, Physical and Applied Sciences	en_US
dc.degree.grantor	University of Central Missouri -- School of Environmental, Physical and Applied Sciences	en_US
dc.degree.name	M.S.	en_US
dc.degree.level	Masters	en_US

63

Google

hollie sedler

Search author's name

Scholar

About 105 results (0.05 sec)

Articles
Case law
My library

Any time
Since 2014
Since 2013
Since 2010
Custom range...

Sort by relevance
Sort by date

include patents
include citations

Did you mean: hollie ***sadler***

Bad apples, evil deeds
H Metz - Student Law., 1989 - HeinOnline
... Some universities, including Stanford and Michigan, have developed codes intended to prevent and punish mani- festations of racism, sexism, and hom- ophobia. But law professors, like Rob- ert **Sedler** of Wayne State University, By **Holly** Metz February 1990 Page 2. ...
Cited by 7 Related articles Cite Save

Pre-and Post-perceptions of proper pharmaceutical disposal
HJ **Sedler** - 2012 - centralspace.ucmo.edu
Pharmaceuticals are produced and used in increasingly large volumes every year. With this growth comes concern about the fate and effects of these compounds in the environment. The discovery of pharmaceuticals in the aquatic environment has stimulated research in ...
Related articles Cite Save

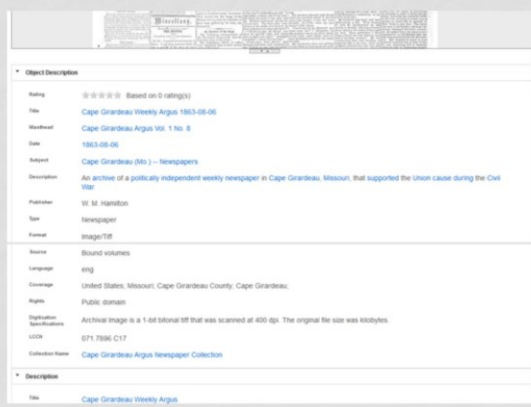
Found!

Ultrasound assessment of congenital spinal anomalies presenting in infancy
HE Korsvik - Seminars in Ultrasound, CT and MRI, 1994 - Elsevier
... MD Nelson, JA **Sedler**, FH Gilles; ... Corresponding author contact information Corresponding author contact information Address reprint requests to **Holly** E. Korsvik, MD, Department of Diagnostic Radiology, Yale University, School of Medicine, 333 Cedar St, Box 208042, New ...

64

Southeast Missouri State University
http://semo.contentdm.oclc.org/cdm/

- **Rating**
- **Title**
- **Masthead**
- **Date**
- **Subject**
- **Description**
- **Publisher**
- **Type**
- **Format**
- **Source**
- **Language**
- **Coverage**
- **Rights**
- **LCCN**
- **Collection Name**
- **Digitization Specifications**



- **Creator**
- **Date, Original**
- **Transcript**

65

Google cape girardeau weekly angus newspaper

TITLE SEARCH

Web News Images Maps Shopping More Search tools

About 3,750,000 results (0.49 seconds)

Including results for cape girardeau weekly ***argus*** newspaper
Search only for cape girardeau weekly angus newspaper

Cape Girardeau Argus - Missouri Digital Heritage Hosted ...
cdm.sos.mo.gov/cdm/search/collection/**argus** Robin Carnahan
Cape Girardeau Weekly Argus 1863-06-18. **Cape Girardeau** (Mo.) -- **Newspapers**.
An archive of a politically independent **weekly newspaper** in **Cape Girardeau** ...

Missouri Digital Heritage Collection

Cape Girardeau Argus - Missouri Digital Heritage Hosted ...
cdm16795.contentdm.oclc.org/cdm/landingpage/collection/**argus** OCLC
Original copies of the **Cape Girardeau Weekly Argus**, a **newspaper** published ... and donated to Special Collections by the **Cape Girardeau** County Genealogical ...

Cape Girardeau Weekly Argus - Digital Collection
semo.contentdm.oclc.org/cdm/landingpage/collection/**Argus**
Original copies of the **Cape Girardeau Weekly Argus**, a **newspaper** published in **Cape Girardeau**. [MO.] The **newspaper** is bound into 4 books. Dates range from ...

Southeast Missouri State

Cape Girardeau Weekly Argus Finding Aid - Kent Library
library.semo.edu › Home › Collections Southeast Missouri State University
Original copies of the **Cape Girardeau Weekly Argus**, a **newspaper** published in **Cape Girardeau**. [MO] The **newspaper** is bound into 4 books. Dates range from ...

Cape Girardeau weekly argus. (Newspaper, 1863 ...
www.worldcat.org/title/**cape-girardeau-weekly-argus**/.../2129093... WorldCat
Get this from a library! **Cape Girardeau weekly argus**...

Untitled Page - City of **Cape Girardeau**
www.cityof**capegirardeau**.org/Spotlight.aspx?PageID=641 Cape Girardeau
In the Act to incorporate the City of **Cape Girardeau** on February 25, 1823, mention is made ... Evidence from the **weekly Cape Girardeau newspaper** The **Argus** ...

66

ogle archive politically independent weekly newspaper union cause civil war

Search words in the Description

Web News Images Shopping Videos More Search tools

About 139,000,000 results (0.51 seconds)

Cape Girardeau Argus
cdm.sos.mo.gov/cdm/search/collection/argus Robin Carnahan
Newspapers. An **archive** of a **politically independent weekly newspaper** in Cape Girardeau, Missouri, that supported the **Union cause** during the **Civil War**.

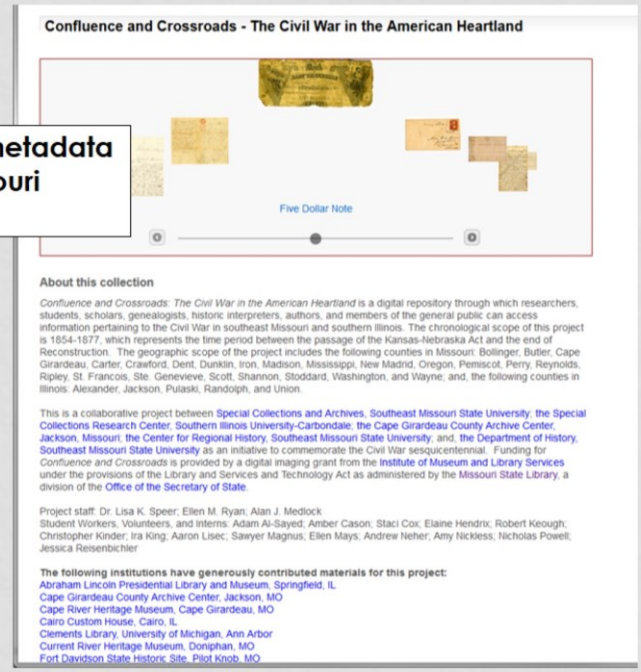
Missouri Digital Heritage Collection

Secession - History Net
www.historynet.com/secession History Net
Before the **Civil War**, the country was dividing between North and South. ... Fort Sumter was a **Union** fort in the harbor of Charleston, South Carolina. ... Its only **political** body was the Congress, which could not collect taxes or tariffs (it could ask ..... War seemed far away to the editors of a Maryland **weekly newspaper**–until ...

Civil War - Facts Summary Information - History Net
www.historynet.com/**civil-war** History Net

67

Collection level metadata at Southeast Missouri State University



Confluence and Crossroads - The Civil War in the American Heartland

Five Dollar Note

About this collection

Confluence and Crossroads: The Civil War in the American Heartland is a digital repository through which researchers, students, scholars, genealogists, historic interpreters, authors, and members of the general public can access information pertaining to the Civil War in southeast Missouri and southern Illinois. The chronological scope of this project is 1854-1877, which represents the time period between the passage of the Kansas-Nebraska Act and the end of Reconstruction. The geographic scope of the project includes the following counties in Missouri: Bollinger, Butler, Cape Girardeau, Carter, Crawford, Dent, Dunklin, Iron, Madison, Mississippi, New Madrid, Oregon, Pemiscot, Perry, Reynolds, Ripley, St. Francois, Ste. Genevieve, Scott, Shannon, Stoddard, Washington, and Wayne; and, the following counties in Illinois: Alexander, Jackson, Pulaski, Randolph, and Union.

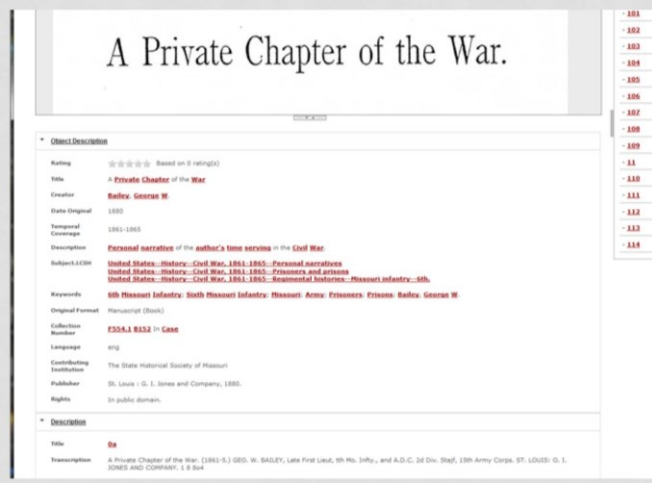
This is a collaborative project between Special Collections and Archives, Southeast Missouri State University; the Special Collections Research Center, Southern Illinois University-Carbondale; the Cape Girardeau County Archive Center, Jackson, Missouri; the Center for Regional History, Southeast Missouri State University; and, the Department of History, Southeast Missouri State University as an initiative to commemorate the Civil War sesquicentennial. Funding for *Confluence and Crossroads* is provided by a digital imaging grant from the Institute of Museum and Library Services under the provisions of the Library and Services and Technology Act as administered by the Missouri State Library, a division of the Office of the Secretary of State.

Project staff: Dr. Lisa K. Speer; Ellen M. Ryan; Alan J. Medlock
Student Workers, Volunteers, and Interns: Adam Al-Sayed; Amber Cason; Staci Cox; Elaine Hendrix; Robert Keough; Christopher Kinder; Ira King; Aaron Lisec; Sawyer Magnus; Ellen Mays; Andrew Neher; Amy Nickless; Nicholas Powell; Jessica Reisenbichler

The following institutions have generously contributed materials for this project:
Abraham Lincoln Presidential Library and Museum, Springfield, IL
Cape Girardeau County Archive Center, Jackson, MO
Cape River Heritage Museum, Cape Girardeau, MO
Cairo Custom House, Cairo, IL
Clements Library, University of Michigan, Ann Arbor
Current River Heritage Museum, Doniphan, MO
Fort Davidson State Historic Site, Pilot Knob, MO

The State Historical Society of Missouri
http://shs.umsystem.edu/oralhistory/collections/digital.html

- Rating
- Title
- Creator
- Date, Original
- Temporal Coverage
- Description
- Subject, LCSH
- Keywords
- Original Format
- Collection Number
- Language
- Contributing Institution
- Publisher
- Rights
- Transcription



A Private Chapter of the War.

Object Description

Rating	Based on 0 rating(s)
Title	A Private Chapter of the War
Creator	Bailey, George W
Date Original	1880
Temporal Coverage	1861-1865
Description	Personal narrative of the author's time serving in the Civil War.
Subject LCSH	United States--History--Civil War, 1861-1865--Personal narratives United States--History--Civil War, 1861-1865--Prisoners and prisons United States--History--Civil War, 1861-1865--Regimental histories--Missouri infantry--6th.
Keywords	6th Missouri Infantry; Sixth Missouri Infantry; Missouri; Army; Prisoners; Prisons; Bailey, George W.
Original Format	Manuscript (Book)
Collection Number	F554.1 B152 In Case
Language	eng
Contributing Institution	The State Historical Society of Missouri
Publisher	St. Louis : G. I. Jones and Company, 1880.
Rights	In public domain.

Description

Title	Da
Transcription	A Private Chapter of the War. (1861-5.) GEO. W. BAILEY, Late First Lieut, 6th Mo. Infty., and A.D.C. 2d Div. Staff, 15th Army Corps. ST. LOUIS: G. I. JONES AND COMPANY. 1 8 8o4

69

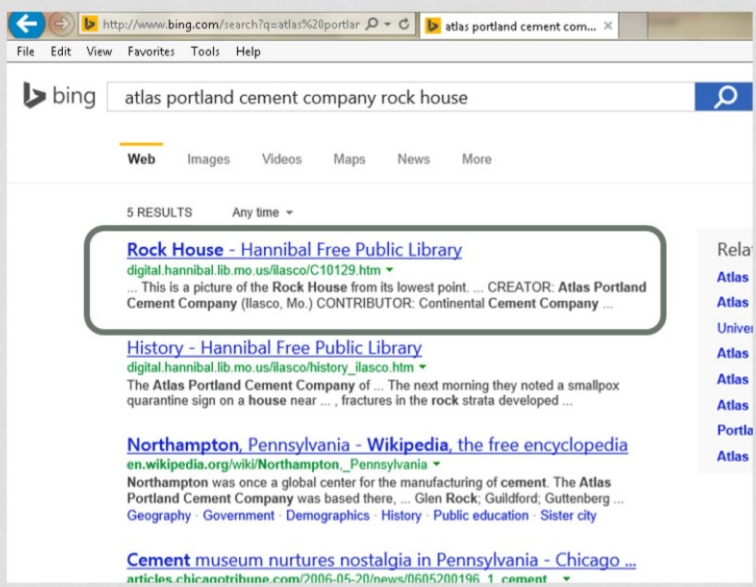
TITLE	Rock House
DATE OF ORIGINAL	1902-7-13
DATE OF DIGITAL	2006-2
DESCRIPTION	THE PLANT - This view is looking north to the Rock House. Scaffolding is up; temporary ramps are in place; equipment is waiting.
CREATOR	Atlas Portland Cement Company (Ilasco, Mo.)
CONTRIBUTOR	Continental Cement Company (Frank Salter)
PUBLISHER	Hannibal Free Public Library (Hannibal, Mo.)
SUBJECT	Atlas Portland Cement Company (Ilasco, Mo.) -- Physical Plant -- Construction.
ORIGINAL FORMAT	Black and white photograph, 9 1/2" by 7 1/2" ; fraying and missing piece on lower right corner ; the number "607"; smudged and followed by a period, is written in the upper right corner ; beneath this number is the faint outline of a previous number. The picture is glued to a woven material background that extends beyond the left side of the picture. This material has several puncture holes (for insertion into a binder) (607)
DIGITAL FORMAT	jpg
IDENTIFIER	C10194

Hannibal Free Public Library

http://www.hannibal.lib.mo.us/digital_collections.htm

- Title
- Date of Original
- Date of Digital
- Description
- Creator
- Contributor
- Publisher
- Subject
- Original Format
- Digital Format
- Identifier

70



71

Livingston County Library

LIVINGSTON COUNTY HISTORY

County History | Communities | Townships | People | Places | Genealogy

COUNTY HISTORY

Livingston County in the Civil War | History of Livingston County (1886)

Past and Present of Livingston County (1913)

Chillicothe and Livingston County (1916) | Domestic Life During the Depression

History of Livingston County (1937) | 100 Years in Livingston County (1976)

Celebrating 150 Years: 1821-1981 | Chillicothe: Home of Sliced Bread

Home Of SLICED BREAD CHILLICOTHE, MISSOURI www.homeofslicedbread.com

Return to Top

LIVINGSTON COUNTY COMMUNITIES

Astoria (Grand River Twp)
From History of Caldwell and Livingston Counties Missouri, 1886

Avalon (Fairview Twp)
History of Caldwell and Livingston Counties, Missouri, 1886
Livingston County History, 1821-1981

Bedford (Grand River Twp)
Historical Sketch
As compiled by W.N. Bate

http://www.livingstoncountylibrary.org/history.htm

72

Domestic Life During the Depression, 1928-1938, in Livingston County, Missouri

by James R. Nashan, 1974

A Research Paper Presented to The Faculty of the School of Arts and Sciences
Central Missouri State University
In Partial Fulfillment of the Requirements for the Degree Specialist, History
by James R. Nashan, May, 1974

The Great Depression of the 1930's which created unemployment, business and bank failures, farm bankruptcy and relief lines was a failure of our economic system. September 3, 1929 has been used by some as the start of the depression, because this was the day the Big Bull Market reached its peak. From this high point, the market tumbled, (1) and America moved into a period of enormous economic and political transformation. (2)

President Hoover took several steps to change the financial crisis. The Reconstruction Finance Corporation was established to aid banks and business in trouble with the intent of safeguarding savings and securing worker's jobs. Hoover also started new public works projects for the improvement of rivers and harbors to put money into the economy. Several of President Hoover's proposals were defeated by the Democratic Congress, but those that were passed were inadequate to resolve the financial crisis. (3)

Franklin Roosevelt, campaigning in 1932, promised the nation a New Deal. Once he was elected, he began a process of experimentation to attempt to improve conditions in the nation. Hundreds of new policies were designed to pump money into the economy. Among these policies, some of the major ones were: The Agricultural Adjustment Act which provided help to farmers, The National Recovery Act for help in business, The Federal Emergency Relief Administration which provided for immediate help to those in need, The Works Progress Administration, Civil Works Administration and the Public Works Administration which provided jobs to the unemployed. (4)

The economic set back created by the depression influenced the social life of the American citizens. There were less marriages, less divorces and the number of children decreased. Young people, unable to find employment, took to the road to find work and to relieve the family from having another one to support.

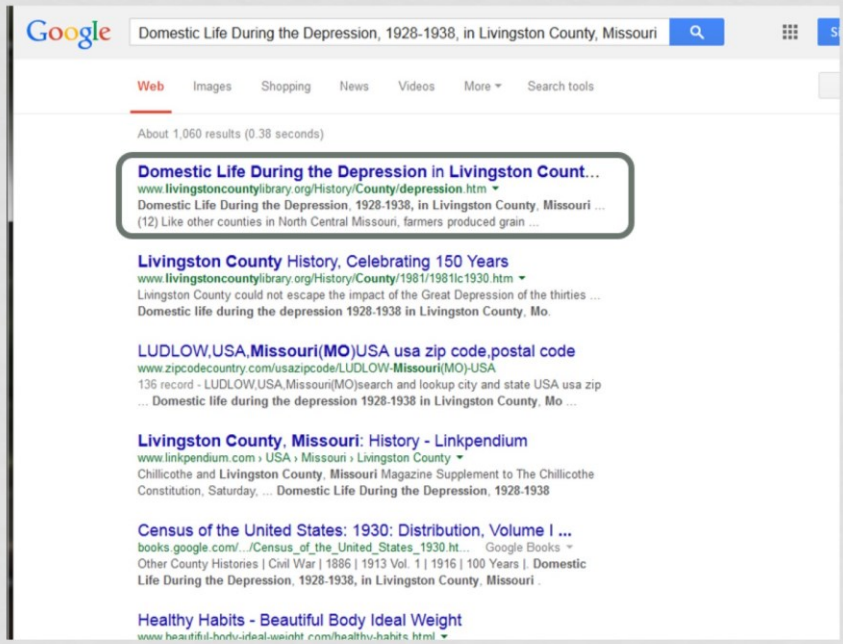
The purpose of this paper will be to examine the influence of the depression on a rural county located in North Central Missouri. Livingston County was an area described as the place where the town of Chillicothe stayed open on Saturday night so that the farmers could flock in from every point to do their shopping. (5) The economic base of the county was agrarian.

Livingston County in 1930 boasted a population of 18,619. Though predominately rural, it followed the trend of the rest of Missouri as the urban population had increased during the preceding decade. (6) Chillicothe, the county seat and the largest city in the county had 8,177 residents. Even though the majority vocation was related to farming, the county also had numerous industries which included a brick plant, iron and steel works, steam and sheet shop and a number of smaller industries connected with the automobile. (7)

Residents in the urban areas had modern homes with water and electricity. Median value of the home was $2,222. (8) The average family consisted of three, and 744 of the homes were complete with radio sets.

Rural families in limited numbers also had radio sets. Their family size averaged 3.49, (9) but only 178 dwellings had water, 139 electric lights, 1,473 telephones and 94 rural families had indoor bathrooms. Farm machinery was being

73



74

SUMMARY

Missouri cultural institutions are doing a great job cataloging material in their digital repositories!

- A variety of search options used with good metadata help users **find** their material
- Authors, titles, dates, descriptions, etc., help users **identify** whether the resource is the item for which they are looking
- Summaries and subject headings are very useful in **selecting** relevant material
- Controlled vocabularies are as being used extensively in local

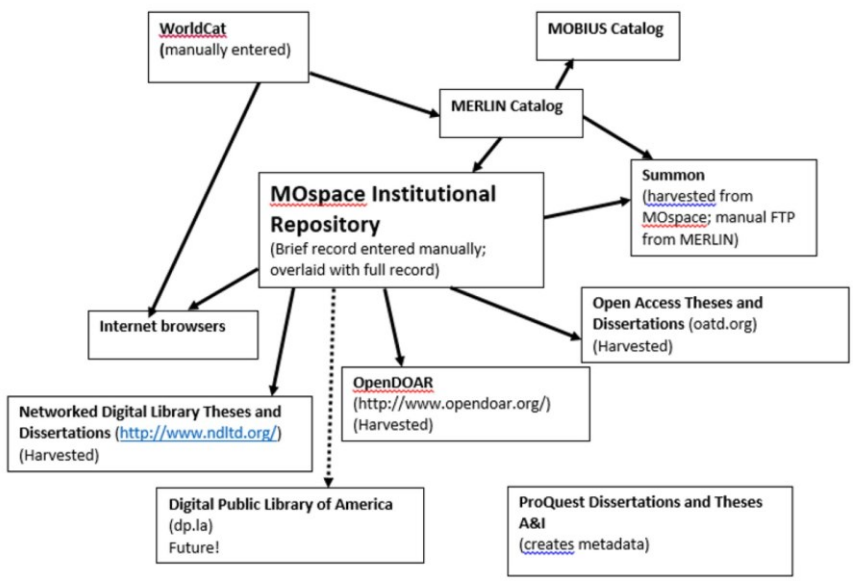
75

SUMMARY (CONTINUED)

Even if you have a small collection and may not need the detailed metadata in-house, the addition of it will make your digital material findable by a broader audience via internet searches

76

MU ETD – the travels of its metadata



A FIND, IDENTIFY, AND SELECT CHALLENGE

Record #1
Reality TV and interpersonal relationship perceptions

Record #2
Political reporting in the age of infotainment

78

METADATA

Record #1

Abstract	Advisor
Author	Collection
Date issued	Date submitted
Description	Identifier, OCLC
Language	Publisher
Subject, LCSH	Subject, Keywords
Title	Type

Degree department
Degree grantor
Degree level
Degree name

Record #2
Author
Collection
Date issued
Date submitted
Language code
Publisher

79

SUMMON – KEYWORD SEARCH USING ALL THE WORDS IN THE TITLES

Find Identify

Record #1 ☺

#1 in results list

Record #2 ☺

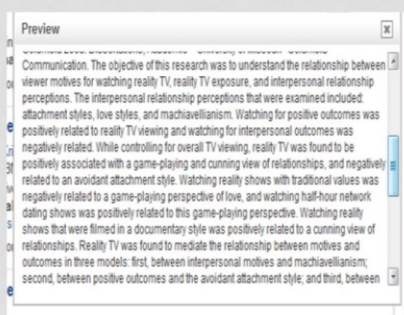
#1 in results list

80

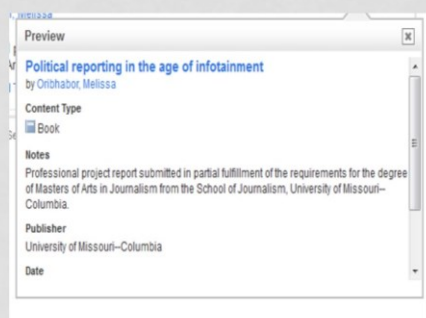
SUMMON – DESCRIPTIVE INFORMATION

Select

Record #1 ☺



Record #2 ☹



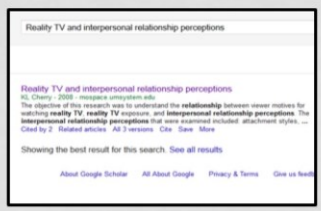
81

GOOGLE SCHOLAR – KEYWORD SEARCH USING ALL WORDS IN TITLES

Find Identify

Record #1 ☺

Direct hit!!!



Record #2 ☹

Did not appear in the first four pages of the search results

82

GOOGLE SCHOLAR – KEYWORD SEARCH USING TERMS FROM TITLE, ABSTRACT, AND SUBJECT HEADINGS

Find

Record #1 ☺

#1 in results list

Used one term from title, plus terms from the subject headings and abstract: reality television shows viewing attachment love

Title: Reality TV and interpersonal relationship perceptions

Record #2 ☺

#1 in results list

Used terms from title: political reporting infotainment

Title: Political reporting in the age of infotainment

83

OPENDOAR – KEYWORD SEARCH USING TERMS FROM TITLE, ABSTRACT, AND SUBJECT HEADINGS

Find

Record #1 ☺

#1 in results list

Used one term from title, plus terms from the subject headings and abstract: reality television shows viewing attachment love

Title: Reality TV and interpersonal relationship perceptions

Record #2 ☺

#1 in results list

Used terms from title: political reporting infotainment

Title: Political reporting in the age of infotainment

84

OPENDOAR – BROWSE DISPLAY

Identify Select

Record #1

Identify: ☹

Select: ☺

Reality TV and interpersonal relationship perceptions
https://mospace.umsystem.edu/xmlui/handle/10355/5532
Watching for positive outcomes was positively related to **reality TV viewing** and ... **view** of relationships, and negatively related to an avoidant **attachment** style. ... of **love**, and **watching** half-hour network dating **shows** was positively related to ...

Record #2

Identify: ☺

Select: 😐

Political reporting in the age of **infotainment**
https://mospace.umsystem.edu/xmlui/handle/10355/43855
Title: **Political reporting** in the age of **infotainment**. Author: Oribhabor, Melissa. Date: 2014. Publisher: University of Missouri--Columbia.

85

THE SCORE

Record #1

☺☺☺☺☺☺

☹

Record #2

☺☺☺☺

☹☹

😐

86

SUMMARY (CONTINUED)

- Detailed metadata is effectively used by search engines and other sites
- Detailed metadata can effectively be used by people to find, identify, and select resources
- Metadata standards in local digital repositories are important

87

REINVENTING METADATA, OR, APPLYING WHAT CATALOGERS KNOW

What is important?

- Standards
- Cross-compatibility; looking at how metadata is used in other databases and searches
- Using the FRBR user tasks as guidelines for **ALL** our metadata work
  - Find
  - Identify
  - Select
  - Obtain
- We should catalog, not just for our local repositories, but also for the use of metadata by search engines and other repositories
- There is value in cataloging collections AND the items in the collections

88

NEXT STEPS

MU Digital Repositories

- Renewed commitment to full cataloging
- Explore various options, including FAST (Faceted Application of Subject Terminology)
- Become more aware of how metadata works outside MU

Research

- Continue to explore the need for shared standards for digital repositories
- Explore ways to create or get quality metadata in an environment with limited resources (systems, templates, etc.)
- Determine how to priorities metadata elements for the greatest benefit

89

QUESTIONS AND DISCUSSIONS

- Felicity Dykas
  - MU Libraries
- Heather Lea Moulaison
  - MU iSchool
- Kristen Gallant
  - MU iSchool Graduate Student

90

REFERENCES

Bruce, T. R., & Hillmann, D. I. (2005). The continuum of metadata quality: Defining, expressing, exploiting. In D. I. Hillmann & E. L. Westbrooks (Eds.), *Metadata in Practice* (pp. 238-254). Chicago: American Library Association.

Conway, P. (2011). Archival quality and long-term preservation: A research framework for validating the usefulness of digital surrogates. *Archival Science, 11*(3-4), 293-309.

Functional Requirements for Bibliographic Records (FRBR): Final report (1997 2009 rev) International Federation of Library Associations and Institutions http://wwwiflaorg/files/assets/cataloguing/frbr/frbr_2008pdf

Hillmann, D. I. (2008). Metadata quality: From evaluation to augmentation. *Cataloging & Classification Quarterly, 46*(1), 65-80. DOI: 10.1080/01639370802183008

Moulaison, H. L. (unpublished manuscript). The expansion of the personal name authority record under RDA: Current status and quality considerations.

Stvilia, B., & Gasser, L. (2008). Value-based metadata quality assessment. *Library & Information Science Research, 30*(1), 67-74.

Contents of this presentation based in part on:

Moulaison, H. L., Dykas, F., & Gallant, K. (accepted: 2015, March). OpenDOAR repositories and metadata practices. *D-Lib*.

View a PDF of the survey instrument through the MOspace repository:
https://mospace.umsystem.edu/xmlui/handle/10355/43553

91