



# BUCKNELL UNIVERSITY

## Introduction to Digital Library Technologies & Metadata 101

Laura Riskedahl  
Metadata Librarian

9 July 2008  
Mid-Atlantic Digital Library Conference

Bucknell

**metadata** *n.* a set of data that describes and gives information about other data. (OED, June 2008)

25

EGYPTIAN "KHU"

SUN ON HORIZON



190 ft long -  
65 - high.

The face was originally  
red and covered with  
polished stone.

Its beard is now in  
the British Museum  
LONDON.

EGYPTIAN "KHU"  
SUN ON HORIZON  
  
190 ft long -  
65 - high.  
The face was originally  
red and covered with  
polished stone.  
Its beard is now in  
the British Museum  
LONDON.



"Older than the PYRAMIDS, older than history, the monster LIES couchant like a watch dog, looking  
"ever to the east, as if for some dawn that has not yet risen." AMELIA B. EDWARDS.

"On sait par une stèle au musée de Boulogne [non Gizeh] que le Grand Sphinx est  
"antérieur au Roi CHEOPS de la IV DYNASTIE." P. PIERRET.

"At one time it was supposed to be a monument of the reign of Thothmes IV. [18<sup>th</sup> Dynasty] but it is now  
known to have been in existence prior to the time of CHEOPS." MARIETTE. MONUMENTS OF EGYPT p. 70.



**Tagging**

# Grand Canyon of Pennsylvania

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The view from Leonard Harrison State Park in Wellsboro, PA.

## Comments





[laura\\_kaye3](#) says:

beautiful fall day!  
Posted 1 second ago. ([permalink](#) | [delete](#) | [edit](#))

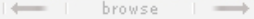
## Add your comment

Uploaded on [October 6, 2007](#)  
by [laura\\_kaye3](#)

### laura\_kaye3's photostream



200 uploads



This photo also belongs to:




### Pennsylvania (Set)



65 items





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-  [canyons](#) [x]
-  [mountains](#) [x]
-  [rivers](#) [x]
-  [gorges](#) [x]

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TITLE

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COLLECTION

SUBJECT(S)

DESCRIPTION

LOCATION

ADMINISTRATIVE

DATE

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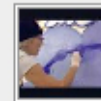
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## Art:21 | Matthew Barney



Rate: ★★★★★ 3 ratings

Views: 1,810



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Joined: 11 months ago

Videos: 79

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Added: **April 01, 2008** ([Less info](#))

Matthew Barney is best known as the producer and creator of the "CREMASTER" films. The title of the films refers to the muscle that raises and lowers the male reproductive system according to temperature, external stimulation, or fear. The films themselves are a grand mixture of history, autobiography, and mythology—a universe in which symbols are densely layered and interconnected.

Matthew Barney is featured in the Season 1 episode "Consumption" of the Art21 series "Art:21 -- Art in the Twenty-First Century".

For more information: <http://www.pbs.org/art21>

© 2001-2007 Art21, Inc. All Rights Reserved.

Category: [Entertainment](#)

Tag: [contemporary visual art artist art21 PBS television TV series documentary video performance installation](#)

TITLE

RIGHTS

SUBJECT(S)

DESCRIPTION

All your items (38)

del.icio.us

« earlier | later » page 1 of 4

Man Carves Wife a 6,000 Stair Path in Mountain | Weird

Asia News edit / delete

... saved by 1 other person ... on april 19

Things I have learned in my life so far edit / delete

to art lifestyle ... saved by 419 other people ... on feb 22

Ginta Siceva Designs edit / delete

amazing jewelry

to jewelry rare designer wedding ... saved by 2 other people ... on feb 18

Hei Astrid edit / delete

to Norway blog lifestyle design ... saved by 23 other people ... on feb 18

Debi van Zyl edit / delete

to LosAngeles blog lifestyle design crafts ... saved by 16 other people ... on feb 18

sprink edit / delete

to London England blog lifestyle ... saved by 3 other people ... on feb 18

2 or 3 things I know... edit / delete

to blog NewYorkCity Brooklyn SanFrancisco design art fashion lifestyle ... saved by 96 other people ... on feb 18

DailyServing edit / delete

to art blog contemporaryart painting ... saved by 4 other people ... on feb 15

▼ tags art artexhibits blog Boston Brooklyn ceramics contemporaryart crafts design designer diy England family fashion February humor interiordesign iowa jewelry KualaLumpur lifestyle London LosAngeles minimalism music NewYork NewYorkCity Norway onlinestores Oregon painting Paris Philadelphia photography Portland Portugal Reno SaltLakeCity SanFrancisco Scandinavia Seattle sewing store stores Sweden system:unfiled textiles wedding

▶ tag options

TITLE

DESCRIPTION

SUBJECT(S)

Why is metadata so important?



Because it's all about the user!!!



# Why a digital library?

- Access
- Preservation
- Marketing
- Collaboration

Why is authority control so important? Why can't we just rely on keyword searching?



**POP**

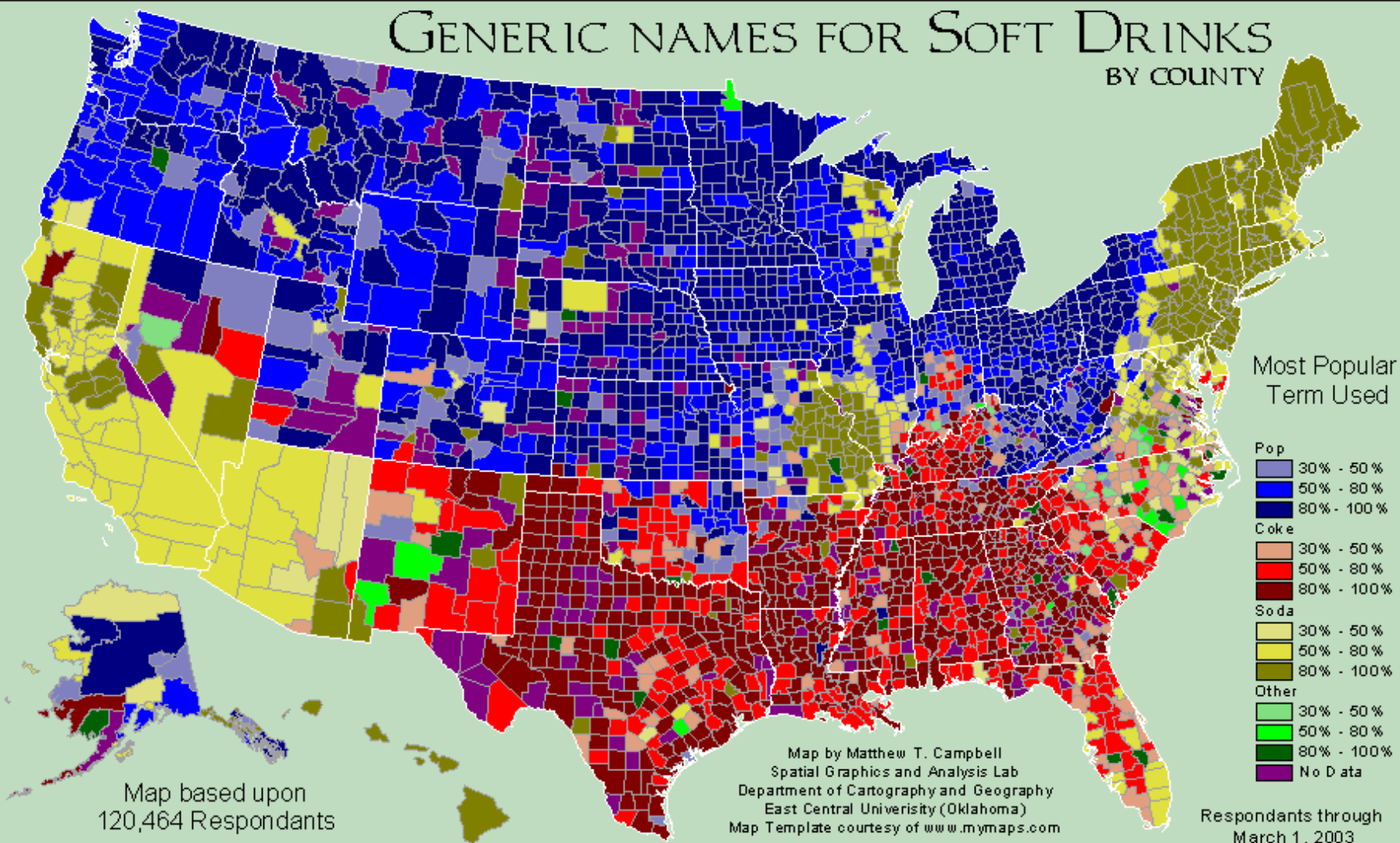
**Soda**

**Coke**

**Soda Pop**

**Soft Drink**

# GENERIC NAMES FOR SOFT DRINKS BY COUNTY



Map based upon  
120,464 Respondants

Map by Matthew T. Campbell  
Spatial Graphics and Analysis Lab  
Department of Cartography and Geography  
East Central University (Oklahoma)  
Map Template courtesy of [www.mymaps.com](http://www.mymaps.com)

Respondants through  
March 1, 2003

# Authority Files & Thesauri

*Traditional Cataloging*

*Metadata Cataloging*

**LCSH**



**TGM**  
**AAT**  
**MeSH**  
**LCSH**

**LC Authorities**



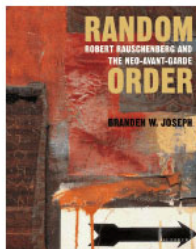
**TGN**  
**ULAN**  
**LC Authorities**



**So, since metadata librarians  
use LCSH and LC Authorities,  
why can't we use MARC too?**



record 11 of 29 for search "robert rauschenberg"



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[Recreation, Leisure](#)  
[Visual Arts \(General\)](#)

**Random order : Robert Rauschenberg, artist, and the neo-avant-garde**

Joseph, Branden Wayne.

**Publisher:** MIT Press,

**Pub date:** c2003.

**Pages:** xiii, 418 p. :

**ISBN:** 0262100991

**Item info:** 1 copy available in LL1.  
1 copy or volume total in all locations.

**Holdings** [Change Holdings Display](#)

Call number	Copies	Material	Location
N6537 .R27 J67 2003	1	Book	Lower Level 1

**Summary**

"Robert Rauschenberg is one of the most important visual artists of the second half of the twentieth century. In *Random Order*, Branden Joseph examines Rauschenberg's work in the context of the American neo-avant-garde. One of the foundations of his study is Rauschenberg's professional relationship with experimental composer John Cage. From the moment of their encounter at Black Mountain College in 1952, Joseph argues, Rauschenberg and Cage initiated a new avant-garde project, one that approached the idea of difference not in terms of negation but as a positive force. Claiming that Rauschenberg's work cannot be understood solely from the standpoint of the Frankfurt School - whose theories have dominated discussions of avant-garde and neo-avant-garde aesthetics - Joseph turns to the theoretical positions of Gilles Deleuze and Jacques Derrida. Rauschenberg's neo-avant-garde was not a simple repetition of earlier avant-garde movements, Joseph shows, but a series of practices that opposed the rise of postwar spectacle, commodification, and mass conformity. "Beginning with the White Paintings, Joseph examines Rauschenberg's artistic development from 1951 to 1971. He looks at the black paintings, Red Paintings, Elemental Paintings and Elemental Sculptures, Combines and Combine paintings transfer drawings and silkscreens, performances, and explorations in art and technology. Joseph's study not only offers new interpretations of Rauschenberg's work but also deepens our understanding of the entire neo-avant-garde project."--BOOK JACKET. Distributed by Syndetic Solutions, Inc.

**Author Biography**

Branden W. Joseph is Assistant Professor in the Department of Art History at the University of California, Irvine, and an editor of the journal *Grey Room* (MIT Press). Distributed by Syndetic Solutions, Inc.

**Personal Author:** Joseph, Branden Wayne.

**Title:** *Random order : Robert Rauschenberg, artist, and the neo-avant-garde* / Branden W. Joseph.

**Publication info:** Cambridge, Mass. : MIT Press, c2003.

**Physical descrip:** xiii, 418 p. : ill. ; 24 cm.

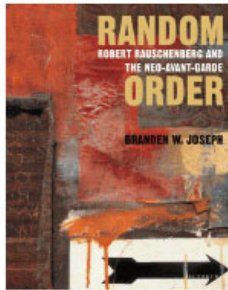
**General Note:** "An October book."

**Bibliography note:** Includes bibliographical references (p. [379]-408) and index.

**Personal subject:** Rauschenberg, Robert, 1925- --Criticism and interpretation.

**Added author:** Rauschenberg, Robert, 1925-

record 11 of 29 for search "robert rauschenberg"



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[Recreation, Leisure](#)  
[Visual Arts \(General\)](#)

**Random order : Robert Rauschenberg, artist, and the neo-avant-garde**  
Joseph, Branden Wayne.

**Publisher:** MIT Press,  
**Pub date:** c2003.  
**Pages:** xiii, 418 p. :  
**ISBN:** 0262100991  
**Item info:** 1 copy available in LL1.

**Holdings**

**Call number**

N6537 .R27 J67 20

**Summary**

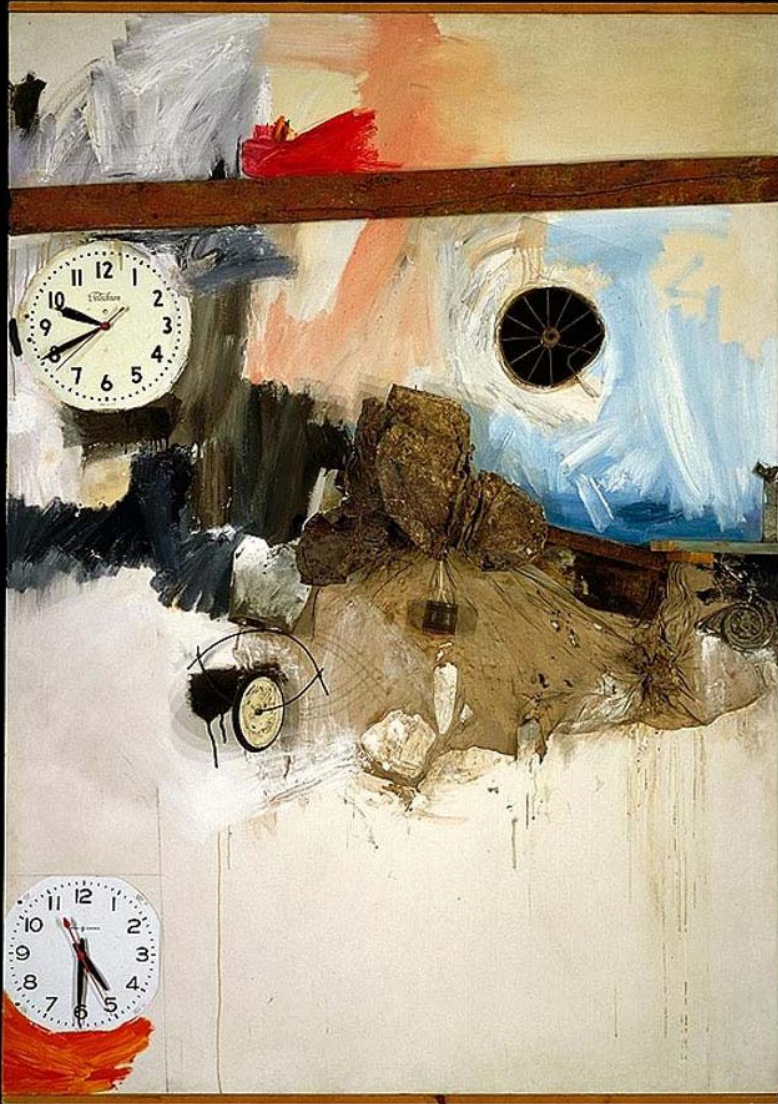
"Robert Rauschenberg's work is a central part of the context of the American avant-garde. This book examines their encounter at the time of their emergence, not as a simple repetition of negation but as a new beginning. It discusses of avant-garde art as a new interpretation of the American and European avant-garde and the role of Robert Rauschenberg in the new interpretations of the American and European avant-garde."

**Author Biography**

Branden W. Joseph is Assistant Professor in the Department of Art History at the University of California, Irvine, and an editor of the journal Grey Room (MIT Press). Distributed by Syndetic Solutions, Inc.

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**Personal subject:** [Rauschenberg, Robert, 1925- --Criticism and interpretation.](#)  
**Added author:** [Rauschenberg, Robert, 1925-](#)



**Creator:** Robert Rauschenberg,  
North American; American, 1925 – 2008

**Title:** Reservoir

**Work Type:** Paintings

**Date:** 1961

**Material:** oil, wood, graphite, fabric, metal,  
and rubber on canvas

**Measurements:** 85 1/2 x 62 1/2 x 15 1/2 in.  
(217.2 x 158.7 x 39.4 cm.)

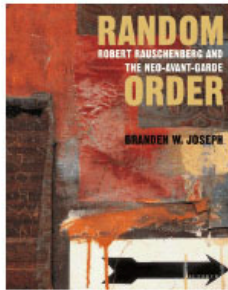
**Repository:** Smithsonian American Art Museum  
Washington, DC, USA

Gift of S. C. Johnson & Son, Inc.  
1969.47.70

<http://americanart.si.edu/index3.cfm>

(Image and Data taken from ArtStor)

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N6537 .R27 J67 2003

**Summary**

"Robert Rauschenberg's work is a central part of the context of the American avant-garde. This book examines their encounter at the end of the 1960s and the beginning of the 1970s, not as a simple repetition of the past but as a new beginning with the and Elemental Sculpture and new interpretations of the past."

**Author Biography**

Branden W. Joseph is Assistant Professor in the Department of Art History at the University of California, Irvine, and an editor of the journal Grey Room (MIT Press). Distributed by Syndetic Solutions, Inc.

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**Added author:** [Rauschenberg, Robert, 1925-](#)

# Cataloging Rules/Schemas

*Traditional Cataloging*

*Metadata Cataloging*

**MARC**



**CDWA**

**Dublin Core (DC)**

**EAD**

**METS**

**MODS**

**VRA Core**

**MARCXML**

Without standardized encoding, it is difficult to manage indexing, display, and manipulation of files. Consistency of presentation also improves user understanding of the purpose and scope of inventories just as the standardized display of library catalogs makes them comprehensible to a large and diverse audience.

--Michael J. Fox, *The EAD Cookbook*, 2003

# Dublin Core

## 15 Elements

- contributor
- coverage
- creator
- date
- description
- format
- identifier
- language
- publisher
- relation
- rights
- source
- subject
- title
- type

# XML...

- Tags  
`<element>data</element>`
- Hierarchal (nested)  
`<element1>data  
 <element2>data  
 <element3>data</element3>  
 </element2>  
</element1>`
- XML is a language that many metadata schemas use:
  - CDWA, EAD, MARCXML, METS, MODS

```

1 <?xml version="1.0" encoding="UTF-8" standalone="no"?>
2 <DOCTYPE ead PUBLIC "-//ISBN 1-931666-00-8/DTD ead.dtd Encoded Archival Description (EAD) Version 2002/EN" "ead.dtd">
3 <?xml-stylesheet type="text/xsl" href="eadcbs5.xsl"?>
4 <ead relatedencoding="MARC21">
5 <eadheader langencoding="iso639-2" audience="internal" countryencoding="iso3166-1" dateencoding="iso8601" repositoryencoding="iso15511" scriptencoding="iso15924">
6 <eadid countrycode="us" mainagencycode="pleb"> </eadid>
7 <filedesc>
8 <titlestmt>
9 <titleproper>Register of the David DeKok Collection:</titleproper>
10 <subtitle>An Inventory of the Papers Concerning the Centralia, Pennsylvania Mine Fire</subtitle>
11 <author>Editor: Ann de Klerk, Director of Library & Information Services</lb>
12 <author>Compiler: Mark R. Lazarus, Library Student Assistant</lb>
13 <author>Technical Assistant: Andrew Frederick, Dana Intern</lb>
14 <author>Project Coordinator: Doris Dysinger, Assistant
15 </author>
16 </titlestmt>
17 <publicationstmt>
18 <publisher>Special Collections</lb>
19 <publisher>Ellen Clarke Bertrand Library</lb>
20 <publisher>Bucknell University</publisher>
21 <address>
22 <addressline>Lewisburg, Pennsylvania</addressline>
23 </address>
24 <date>Fall 1994</date>
25 <num>No. 8</num>
26 </publicationstmt>
27 </filedesc>
28 <profiledesc>
29 <creation>Finding aid encoded by Laura Riskedahl
30 <date>September 2007</date> </creation>
31 <language>Finding aid written in<language>English.</language> </language>
32 </profiledesc>
33 </eadheader>
34 <archdesc level="collection" type="inventory">
35 <did>
36 <head> Collection Summary</head>
37 <repository label="Repository:" encodinganalog="852$a">
38 <corpname>Special Collections
39 </lb>
40 <corpname>Ellen Clarke Bertrand Library
41 </lb>
42 <corpname>Bucknell University
43 </corpname>
44 <address>
45 <addressline>Lewisburg, Pennsylvania</addressline>
46 </address> </repository>
47 <origination label="Creator:">
48 <persname encodinganalog="100">David DeKok</persname> </origination>
49 <unittitle label="Title:" encodinganalog="245">Register of the David DeKok Collection: An Inventory of the Papers Concerning the Centralia, Pennsylvania Mine Fire</unittitle>
50 <unitdate type="inclusive" label="Dates:" encodinganalog="245$f">1960 - 1986 </unitdate>
51 <unitdate hme="bulk">(Bulk 1979 - 1986)</unitdate>

```

# Apply an XSL stylesheet

(which provides rules for the Formatting of the XML file)

and you will have an HTML output!

```
<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform" version="1.0">
  <xsl:template match="archdesc/dsc">
    <xsl:apply-templates/>
  </xsl:template>
  <xsl:template match="dsc/head">
    <h3>
      <a name="{generate-id()}">
        <xsl:apply-templates/>
      </a>
    </h3>
  </xsl:template>
  <xsl:template match="dsc/p | dsc/note/p">
    <p style="margin-left:25pt">
      <xsl:apply-templates/>
    </p>
  </xsl:template>
  <xsl:template name="component-did">
    <xsl:if test="unitid">
      <xsl:apply-templates select="unitid"/>
      <xsl:text> </xsl:text>
    </xsl:if>
    <xsl:if test="origination">
      <xsl:apply-templates select="origination"/>
      <xsl:text> </xsl:text>
    </xsl:if>
    <xsl:choose>
      <xsl:when test="unittitle/unitdate">
        <xsl:apply-templates select="unittitle/text()| unittitle/*[not(self::unitdate)]"/>
        <xsl:text> </xsl:text>
        <xsl:for-each select="unittitle/unitdate">
          <xsl:apply-templates/>
          <xsl:text> </xsl:text>
        </xsl:for-each>
      </xsl:when>
      <xsl:otherwise>
        <xsl:apply-templates select="unittitle"/>
        <br />
        <xsl:for-each select="unitdate">
          <xsl:apply-templates/>
          <xsl:text> </xsl:text>
        </xsl:for-each>
      </xsl:otherwise>
    </xsl:choose>
    <xsl:apply-templates select="physdesc"/>
  </xsl:template>
```

Register of the David DeKok Collection: An Inventory of the Papers Concerning the Centralia, Pe - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail Stop

Address J:\Laura\EAD\Finding Aids\David DeKok Collection--Centralia Mine Fire with Cookbook template.html Go

Links Bucknell Online Directory Bucknell University ISR MyBucknell Get Technology Help SAA Digital Collections Bibliography

Google Go Bookmarks Popups okay Check AutoLink Autofill Send to Settings

# Bucknell

## Register of the David DeKok Collection: An Inventory of the Papers Concerning the Centralia, Pennsylvania Mine Fire

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[Collection Summary](#)

[Biographical Note](#)

[Scope and Contents of the Collection](#)

[Arrangement of the Papers](#)

[Index Terms](#)

[List of Significant Items](#)

[Selected Listing of Published Sources](#)

[Container Listings](#)

### Collection Summary

Repository:	Special Collections Ellen Clarke Bertrand Library Bucknell University Lewisburg, Pennsylvania
Creator:	David DeKok
Title:	Register of the David DeKok Collection: An Inventory of the Papers Concerning the Centralia, Pennsylvania Mine Fire
Dates:	1960 - 1986
Dates:	(Bulk 1979 - 1986)
Extent:	Approx. 17 cubic feet
Abstract:	The papers in this collection trace the production of Dekok's book <i>Unseen Danger: A Tragedy of People, Government and the Centralia Mine Fire</i> . The papers also chronicle the political, environmental, and emotional struggles of the citizens of Centralia.
Identification:	
Language:	English
Technical:	

### Biographical Note

A native of Holland, Michigan, David DeKok graduated from Hope College in 1975 with a degree in Political Science and began working for the Shamokin (Pa.) News-Item. He started reporting on the Centralia mine fire after hearing about its effects while covering the November, 1976 Centralia Borough Council meeting. In 1979 Dekok received a first place award from the Pennsylvania Newspaper Publishers Association for his 1978 series of news articles about the mine fire; in 1980 he won a second place Herbert Bayard Swope Award for News Writing Excellence. The Associated Press Managing Editors of Pennsylvania honored him in May 1981 for outstanding public service journalism. DeKok gathered the extensive information he had amassed concerning the mine fire into book form, and published *Unseen Danger: A Tragedy of people, Government and the Centralia Mine Fire* in 1986. 1

1 David DeKok, *Unseen Danger: A Tragedy of People, Government, and the Centralia Mine Fire* (Philadelphia: University of Pennsylvania Press, c1986). The biographical information presented here was taken from the last page of "Chapter Synopsis," TS., n.d., unpaginated.

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# Digital Libraries can be:

- Digital Asset Management Systems (DAMs)
  - ArtStor
  - LUNA
  - Greenstone
  - MDID
  - ContentDM
- Electronic Records Management Systems (ERMs)
- Open Source applications
  - Archivist's Toolkit
  - DSpace
  - Fedora

# What does a Digital Asset Management System look like?

- Some browser-based, some require a software installation
- Some have a user interface and an administrative interface, some just have the administrative part
- Require a back-end server

# Archivists' Toolkit

**Names** Record 7 of 77

Bikerman, J. J., (Jacob Joseph), 1898-

Details | Non-Preferred Forms, Accessions & Resources

Name Identity Record: Person

Prefix	<input type="text"/>	Dates	<input type="text" value="1898-"/>
Primary Name	<input type="text" value="Bikerman"/>	Qualifier	<input type="text"/>
Rest of Name	<input type="text" value="J. J."/>	Fuller Form	<input type="text" value="Jacob Joseph"/>
Title	<input type="text"/>	Source	<input type="text" value="ingest (ingest)"/>
Suffix	<input type="text"/>	Rules	<input type="text"/>
Number	<input type="text"/>	<input type="checkbox"/> Direct Order	

Sort Name Bikerman, J. J., (Jacob Joseph), 1898-  Create Sort Name Automatically

Description Type

Description Note

Citation

First Previous Next Last Reports Cancel OK

Created: Feb 14, 2008 by admin | Modified: Feb 27, 2008 by mmatienz | Record Number: 5393

**Accessions** Record 1 of 9

Title: American Vacuum Society records, Accession #: AR.1998.421

Basic Information | Accession Notes | User defined fields | Names & Subjects | Acknowledgements, Restrictions & Processing Tasks

Accession Number AR 1998 421

Accession Date 1/14/1998

Resources Linked to this accession

Resource Identifier	Resource Title
AR.1998.421	American Vacuum Society records

Link Resource Remove Link

Resource Type Member Society

Title  
American Vacuum Society records,

Extent  
Extent Number 11 Linear feet

Container Summary  
11 Paige box

Repository NBLA

Date Expression 1953-1997

Date  
Begin 1953 End 1997

Bulk Dates  
Begin End

Deaccessions

Deaccession Date	Extent	Extent Measurement
------------------	--------	--------------------

Add Deaccession Remove Deaccession

Locations

Location	Note
ACP Other (See Notes)	CHP Closet/MM's office
ACP - 2 - Archives - Stacks Range 1...	
ACP - 2 - Archives - Stacks Range 1...	
ACP - 2 - Archives - Stacks Range 1...	

Add Location Remove Location

General Accession Note  
Preliminary inventory done.

First Previous Next Last Reports Cancel OK

Created: Feb 14, 2008 by admin | Modified: Feb 27, 2008 by mmatienz | Record Number: 18979

Screenshots from Mark Matienzo,  
American Institute of Physics

[www.archiviststoolkit.org](http://www.archiviststoolkit.org)

# ARTstor

ARTstor

ARTSTOR

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HELP

Multiple Collection Search

ernst, max



















All Collections **GO**

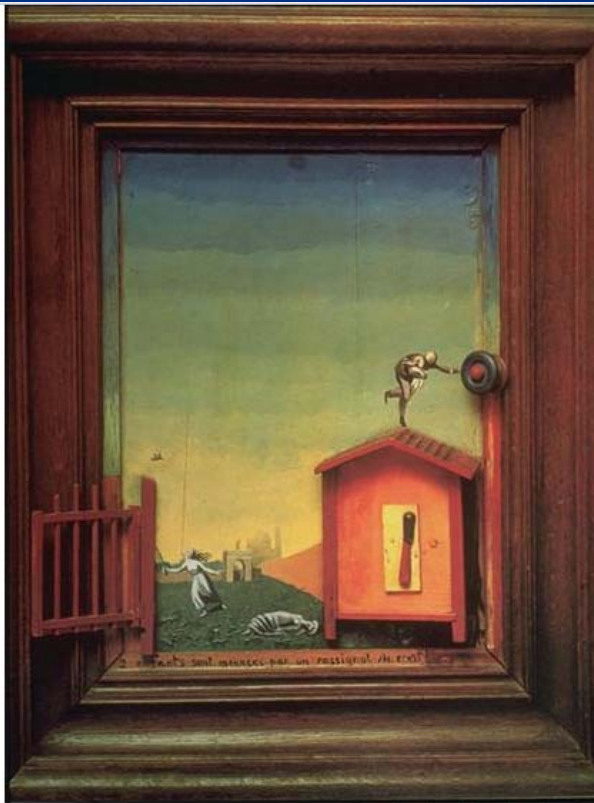
Display advanced search

[721] Record(s) Sort by: Title  Creator  Date

Page 1 of 31

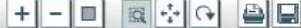
Click image to select. Double-click to enlarge. Click caption to view full record.

					
Portrait of Max Carrington, Leonora, 1940	Ref.: Duchamp, Marcel, c.1942-3	Photo: Duchamp, Marcel, c.1942-3	Photo: Duchamp, Marcel, 1965	Photo: Duchamp, Marcel, 1965	Une Semaine de Bonté Editions Jeanne, 1934
					
The Elephant of the Desert, Ernst, Max, 1921	The Habit of the Desert, Ernst, Max, 1925	Two Children Are Born, Ernst, Max, 1924	Photo: Artist and Model, Ernst, Max, 1946	Photo: Artist and Model, Ernst, Max, 1946	Photo: Artist by Himself, Ernst, Max, 1946
					
Photo: Artist, Ernst, Max, 1964	Self-Portrait, Ernst, Max, 1920	Une Semaine de Bonté, Ernst, Max, 1934	Horse, He's Sick, Ernst, Max, 1920	Hat Makes the Man, Ernst, Max, 1920	Hat Makes the Man, Ernst, Max, 1920



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ARTSTOR



20.6%

### IMAGE INFORMATION

Creator	Ernst, Max, German
Title	Two Children Are Threatened by a Nightingale
Date	1924
Location	Museum of Modern Art, New York
Material	oil/wood construction
Measurements	22 x 22 1/2 x 4"
Related Item	Gardner 10: 27-63
Collection	Art History Survey Collection
Source	Catalogued by: Digital Library Federation Academic Image Cooperative
Rights	© 2007 Artists Rights Society (ARS), New York / ADAGP, Paris
Download Size	1024,1024

**Two Children Are...**  
Ernst, Max  
1924



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3. Algona, Public Library



4. Ames, Public Library



5. Atlantic, Public Library



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7. Bedford, Public Library



8. Bloomfield, Public Library



9. Britt, Public Library



10. Carroll, Public Library



11. Cedar Falls, Public Library



12. Cedar Rapids, Public Library



13. Chariton, Public Library



14. Chariton, Public Library, floorplan



15. Charles City, Public Library



16. Charles City, Public Library



## Fairfield, Public Library



<b>Title</b>	Fairfield, Public Library
<b>Creator</b>	Unknown.
<b>Date Original</b>	1904
<b>Subject</b>	<a href="#">Carnegie libraries -- Iowa -- Fairfield</a> <a href="#">Public libraries -- Iowa -- Fairfield</a> <a href="#">Library buildings -- Iowa -- Fairfield</a> <a href="#">Fairfield (Iowa)</a>
<b>Source</b>	Excerpted from : Iowa Library Commission. First Report of the Iowa Library Commission, 1900-1903 (Des Moines, Iowa: Bernard Murphy, 1904)
<b>Location Depicted</b>	<a href="#">United States -- Iowa -- Fairfield</a>
<b>Contributing Institution</b>	<a href="#">University of Iowa Libraries</a>
<b>Collection Title</b>	<a href="#">Carnegie Libraries in Iowa Project (CLIP)</a>
<b>Object Description</b>	1 photograph : b&w
<b>Digitization Specifications</b>	Jpeg, 135 kb, 600 x 369.
<b>Date Digital</b>	2004-01-08
<b>Restrictions</b>	U.S. and international copyright laws protect this digital image. Commercial use or distribution of the image is not permitted without prior permission of the copyright holder. For permission to use the digital image, please contact the School of Library and Information Science, University of Iowa, Iowa City, IA 52240.
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<b>Type</b>	<a href="#">Still Image</a> <a href="#">Photographs</a>

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Bucknell

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Showing items 1-21 of 94.

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Issue Date	Title	Communities	Author(s)
16-Apr-2008	<a href="#">Role of Climate Change in Spreading Disease</a>	<a href="#">Bucknell University</a>	<i>Pizzorno, Marie</i>
7-Apr-2008	<a href="#">'Climate Commitment' Signed, Green Steps Announced</a>	<a href="#">Bucknell University</a>	-
7-Apr-2008	<a href="#">List of Community Participants - Campus Sustainability Celebration</a>	<a href="#">Bucknell University</a>	-
7-Apr-2008	 <a href="#">BUEC (Ritter House) Solar Installation; Bucknell West (MODS) Solar Installation</a>	<a href="#">Bucknell University</a>	<i>Davies, Fournier, Eric Colin; Scott, DiStefano, Thomas Jess</i>
7-Apr-2008	 <a href="#">We Grow Up Too Fast in NYC #3</a>	<a href="#">Bucknell University</a>	<i>Sugarman, Brittany</i>
7-Apr-2008	<a href="#">Building Design and Energy Use</a>	<a href="#">Bucknell University</a>	<i>Buonopane, Stephen</i>
7-Apr-2008	<a href="#">Focus the Nation 2008 Promotional Spot</a>	<a href="#">Bucknell University</a>	<i>Scott, Jessica</i>
7-Apr-2008	<a href="#">Announcement of Bucknell University's Commitment to the Environment</a>	<a href="#">Bucknell University</a>	<i>Mitchell, Brian C.</i>
1-Apr-2008	<a href="#">Bison Spectrum - Volume 1, Issue VI</a>	<a href="#">Bucknell University - Student Publications; Bucknell University</a>	-
27-Mar-2008	 <a href="#">Analysis of Overwash Fan Deposits on Hatteras and Ocracoke Islands, Cape Hatteras National Seashore, N.C.--A Sedimentary Record of Tropical and Extratropical Storm Deposition along the Atlantic Coast and Variation with Shoreline Orientation</a>	<a href="#">Bucknell University</a>	<i>Smith, Stephen G.; Kassab, Christine M.; Kochel, R. Craig; Trop, Jeffrey M.</i>

Please use this identifier to cite or link to this item: <http://hdl.handle.net/10090/4682>

**Title:** Role of Climate Change in Spreading Disease

**Authors:** Pizzorno, Marie

**Keywords:** Focus the Nation  
Focus the Nation 2008  
climate change  
global warming  
communicable diseases  
biology  
insects  
animals

**Issue Date:** 16-Apr-2008

**URI:** <http://hdl.handle.net/10090/4682>

**Appears in Collections:** [Bucknell University - Focus the Nation](#)

**Files in This Item:**

File	Description	Size	Format	
Pizzorno_Lecture Notes.doc	Presentation Notes	30Kb	Microsoft Word	<a href="#">View/Open</a>
Pizzorno.ppt	PowerPoint Presentation	510Kb	Microsoft Powerpoint	<a href="#">View/Open</a>
Pizzorno.pdf	Video of Presentation	67Kb	Adobe PDF	<a href="#">View/Open</a>

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### 1776-1876 Centennial U.S.A., the father of our country, George Washington

Centennial Exhibition (1876 : Philadelphia, Pa.)

Format: Badges

Content: Buildings

Content: Ephemera

Paging Number: 1876-phi-08-0368



### 1883 Colonial Exposition, Amsterdam

Internationale Koloniale en Uitvoerhandel Tentoonstelling (1883 : Amsterdam, Netherlands)

Author: Holly Griffin

The card pictured here is one of a larger deck, comprising a round-style game. Card games were a popular souvenir item among fairgoers. The game was a competition between nations illustrated in the larger cards of the set, measuring 4' 1/2;" by 2'3/4", representing the countries holding colonies at ...



### [Exterior of Main Building]

Centennial Exhibition (1876 : Philadelphia, Pa.)

Format: Photomechanical prints

Content: Buildings

Content: Photographs

Paging Number: 1876-phi-20-0006



### [George Washington ribbon]

Centennial Exhibition (1876 : Philadelphia, Pa.)

Format: Badges

Content: Art

Content: Ephemera

Paging Number: 1876-phi-08-0371



### Administration Building

World's Columbian Exposition (1893 : Chicago, Ill.)

Format: Photoengravings



# Fedora

Back-end server; each Institution/organization creates their own interface



# A Treasury of World's Fair Art & Architecture

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## [George Washington ribbon]

[Return to previous result](#)

**Fair:** Centennial Exhibition (1876 : Philadelphia, Pa.)

**Description:** Badges: color; 22.5 x 6.4 cm.

**Format:** Badges

**Notes:** Profile of George Washington bust profile woven in gold thread; printed american flag with 13 stars and 14 stripes on silk ribbon

**Content:** Art

**Content:** Badges

**Content:** Ephemera

**People:** Washington, George, 1732-1799

**Paging Number:** 1876-phi-08-0371

**Location:** Box E



### Image thumbnails



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[search](#) | [titles a-z](#) | **publication titles** | [genre](#) | [year](#) | [authors a-z](#)

-  Affliction, by Russell Banks
-  Beloved Infidel, by Dean Young
-  Body and Soul, by Frank Conroy
-  The Book of a Hundred Hands, by Cole Swensen
-  Carry Me Across the Water, by Ethan Canin
-  Elements, by James Galvin
-  Emperor of the Air, by Ethan Canin
-  Enola Gay, by Mark Levine
-  First Course in Turbulence, by Dean Young
-  For Kings and Planets, by Ethan Canin
-  God's Mistress, by James Galvin
-  Goest, by Cole Swensen
-  Imaginary Timber, by James Galvin
-  The Incognito Lounge, by Denis Johnson
-  Iris of Creation, by Marvin Bell
-  Jesus' Son, by Denis Johnson
-  Leaving New York: Writers Look Back, ed. Kathleen Norris
-  The Lecturer's Tale, by James Hynes
-  Lethal Frequencies, by James Galvin
-  The Man Among the Seals, by Denis Johnson
-  The Meadow, by James Galvin
-  Midair, by Frank Conroy
-  New and Selected Poems, by Marvin Bell
-  Resurrection Update, by James Galvin
-  Stations, by James Galvin
-  Strike Anywhere, by Dean Young
-  Success Stories, by Russell Banks
-  Wednesday, by Marvin Bell
-  X, by James Galvin

# Greenstone

[Play Audio](#)

Title: Dean Young Reading, 1996

Author(s)/Speaker(s): Young, Dean (United States, poetry) 1955 -

Format: Reading

Series: N/A

Location: N/A

Year: 1996

Topics: poetry writing

Description: Poet and Writers' Workshop faculty member Dean Young reads a selection of poems from *Beloved Infidel*, *Strike Anywhere*, and *First Course in Turbulence*.

Related Works: Dean Young reads the following poems: "A Student in a Distant Land;" "Drum in Last Acts;" "Upon Hearing of a Friend's Marriage Breaking Up, I Imagine an Attack from Outer Space;" "Errata;" "Vermeer;" "Guidance Counseling;" "Beloved Infidel;" "Trench;" "Decoration Committee;" "The Unattainable;" "Storms;" "One Story."

General Notes: Recorded March 4, 1996.

Language(s): English

Contributors: N/A

Original Format: audio cassette tape

Length: 53 min.

Digitizer's Name: KS

Date Digitized: November 15, 2004

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www.greenstone.org

# Luna Insight

insight™

## BUCKNELL UNIVERSITY HISTORY

LEWISBURG, PENNSYLVANIA

file  
edit  
group  
data  
**search**  
print  
return  
help  
exit

by title  
by date range  
by building  
by name  
by subject  
by keywords  
by data fields  
show all

### Bucknell Hist.



310 South Seventh :  
Buildings -- Exterior:  
BUH0013



A Study, Women's D.  
Buildings -- Interiors:  
BUH1132



Academic Quad  
Campus  
BUH0017



Academy Boys at De  
1912 - 1915  
Off-campus  
BUH0623



Academy Boys at the  
1912 - 1915  
Off-campus  
BUH0622



Academy Boys Insid  
1912 - 1915  
Off-campus  
BUH0624



Academy Building at  
1895  
Buildings -- Exterior:  
BUH0610



Academy Building at  
1898  
Buildings -- Exterior:  
BUH0686



Academy Building  
1886  
Buildings -- Exterior:  
BUH1522



Academy Building  
1900  
Buildings -- Exterior:  
BUH1013



Academy Building  
1900  
Campus Paths  
BUH1418



Academy Building  
1901  
Buildings -- Exterior:  
BUH1003



Academy Building  
1904  
Buildings -- Exterior:  
BUH1001



Academy Building  
1907  
Buildings -- Exterior:  
BUH1002



Academy Building  
1914  
Buildings -- Exterior:  
BUH1008



Academy Building  
1921  
Buildings -- Exterior:  
BUH0823



Academy Building  
1928  
Buildings -- Exterior:  
BUH1004



Academy Building  
1931  
Buildings -- Exterior:  
BUH1011



Academy Building  
Buildings -- Exterior:  
BUH1007



Academy Building  
Buildings -- Exterior:  
BUH1012



Academy Building  
Buildings -- Exterior:  
BUH1005



Academy Dining Roc  
1912 - 1915  
Buildings -- Interiors:  
BUH0625



Academy East Room  
Students  
BUH0022



Academy in Autumn  
1904  
Buildings -- Exterior:  
BUH0701



Academy in Winter  
1904  
Buildings -- Exterior:  
BUH0702



Academy Main Room  
Students  
BUH0023



Academy Math Room  
Faculty and Staff  
BUH0026



Academy Reading R  
1912 - 1915  
Students  
BUH0617



Across the Quadran  
1926  
Campus  
BUH1421



Admissions Staff  
1965 - 1966  
Portraits  
BUH0027



Aerial Campus View,  
1966  
Susquehanna River  
BUH1780




Aerial Campus View,  
1966  
Aerials  
BUH1781





**Descriptive Data**



Information | File Data

**Bucknell Hist.**

**Collection:** Bucknell Hist.

**Identifier:** BUH1781

**Title:** Aerial Campus View

**Year:** 1966

**Date Range:** 1966 - 1985

**Description:** Aerial view of the newly completed Quadrangle. Visible are: Olin Science Building, Vaughan Literature Building, Administration Center, Freas Hall, Bertrand Library, Coleman Hall, Swartz Hall, Observatrv



# MDID (Madison Digital Image Database)



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[Battle of Chancellorsville, April 30 - May 6, 1863](#)

[Battle of Chickamauga, September 18-20, 1863](#)

[Battle of Corinth \(Mississippi\), October 3-4, 1862](#)

[Battle of First Bull Run \(First Manassas\), July 21, 1861](#)

[Battle of Five Forks, April 1, 1865; Appomattox Campaign, March 29 - April 9, 1865](#)

[Battle of Fredericksburg, December 11-15, 1862](#)

[Battle of Gettysburg, July 1-3, 1863](#)

[Battle of New Market, May 15, 1864](#)

[Battle of Pea Ridge \(Elkhorn Tavern\), March 7-8, 1862](#)

[Battle of Perryville, Kentucky, October 8, 1862](#)

[Battle of Saylor's Creek, April 6, 1865](#)

[Battle of Second Bull Run \(Second Manassas\), August 28-30, 1862](#)

[Battle of Shiloh \(Pittsburgh Landing\), April 6-7, 1862](#)

[Battle of the Wilderness, May 5-7, 1864](#)

[Battle of the Wilderness, May 5-7, 1864](#)

[Battle of the Wilderness, May 5-7, 1864; Battle of Cold Harbor, June 3, 1864](#)

[Bragg's Invasion of Kentucky, Autumn, 1862](#)

[Campaign for Charleston Harbor, August 17 - September 7, 1863](#)

[Capture of New Orleans, April 18-25, 1862](#)

[Fall of Fort Sumter, April 12-13, 1861](#)

[Fort Donelson, February 11-16, 1862](#)

[Peninsular Campaign, March - July, 1862](#)

[Pope's Campaign, July - August, 1862](#)

[Sherman's March to the Sea, November 15 - December 22, 1864](#)

[Sherman's March to the Sea, November 15 to December 22, 1864](#)

[Siege of Petersburg and Richmond, June 15, 1864 to April 2, 1865](#)

[Vicksburg Campaign](#)

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## Search Results


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Page 1 of 1 (3 records found)

	<p><b>Collection</b> Battles and Leaders of the Civil War</p> <p><b>Original Caption</b> Capture of a part of the burning Union breastworks on the Brock Road on the afternoon of May 6.</p> <p><b>Chapter Title</b> From the Wilderness to Cold Harbor</p> <p><b>Volume and Page Reference</b> Volume 4, p. 124</p> <p><b>Illustrator</b> Waud, Alfred Rudolph</p> <p><b>Subject</b> United States</p> <p><b>Subject</b> History</p> <p><b>Subject</b> Civil War, 1861-1865</p> <p><b>Subject</b> Pictorial works</p> <p><b>Medium</b> engraving</p>
---	---

	<p><b>Collection</b> Battles and Leaders of the Civil War</p> <p><b>Original Caption</b> Distributing ammunition under fire to Warren's Fifth Corps, May 6.</p> <p><b>Chapter Title</b> Through the Wilderness.</p> <p><b>Volume and Page Reference</b> Volume 4, p. 161</p> <p><b>Subject</b> United States</p> <p><b>Subject</b> History</p> <p><b>Subject</b> Civil War, 1861-1865</p> <p><b>Subject</b> Pictorial works</p> <p><b>Medium</b> engraving</p>
---	--

	<p><b>Collection</b> Battles and Leaders of the Civil War</p> <p><b>Original Caption</b> Throwing up breastworks in the Wilderness.</p> <p><b>Chapter Title</b> Through the Wilderness.</p> <p><b>Volume and Page Reference</b> Volume 4, p. 156</p> <p><b>Illustrator</b> Waud, Alfred Rudolph</p> <p><b>Subject</b> United States</p> <p><b>Subject</b> History</p> <p><b>Subject</b> Civil War, 1861-1865</p> <p><b>Subject</b> Pictorial works</p> <p><b>Medium</b> engraving</p>
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Page 1 of 1 (3 records found)

Screenshots from James Madison University  
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# QUESTIONS?

contact me at [laura.riskedahl@bucknell.edu](mailto:laura.riskedahl@bucknell.edu)

Bucknell