Old Wine in New Bottles:
Open Up CONTENTdm Collections for Curriculum Use

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Image Credit: “Hammocks” by Jenny Factory. CC BY-NC-SA 2.0
The purpose of this collection is to archive images, video, oral history, data, and documentation related to the history, ecology, and future development of the Prairie Creek Wildlife Management Area (WMA). Established in 2014, the Prairie Creek WMA lies one mile west and one mile south of Dennison, MN. It is comprised of land most recently farmed by the Koester family, who moved to Northfield township in 1865 and have lived in the area for five generations.

The 460-acre Prairie Creek WMA features native prairie, which is the most endangered ecosystem in North America. It also includes Dry Hill Oak Savanna, which is another rapidly vanishing habitat. The Prairie Creek WMA is managed by the Minnesota Department of Natural Resources.
Demystification

Some Features from CDM
Images from CDM

http://contentdm.carleton.edu/CDM/singleitem/collection/CCAP/id/2305

One thumbnail image from CDM
- pattern: /utils/getthumbnail/collection/alias/id/pointer
- link: http://contentdm.carleton.edu/utils/getthumbnail/collection/CCAP/id/2305

Scaled images from CDM
- 100 % link
- 50% scaled down link
- 25% scaled down link
- 10% scaled down link
More Images from CDM

http://contentdm.carleton.edu/cdm/singleitem/collection/CCAP/id/2305

One scaled image from CDM

- pattern: /utils/ajaxhelper/?CISOROOT=alias&CISOPTR=pointer&action=2&DMSCALE=scale&DMWIDTH=width&DMHEIGHT=height&DMX=x&DMY=y&DMTEXT=text&DMROTATE=degrees
- real link: http://contentdm.carleton.edu/utils/ajaxhelper/?CISOROOT=CCAP&CISOPTR=2305&action=2&DMSCALE=100&DMWIDTH=1000&DMHEIGHT=1000&DMX=0&DMY=0&DMTEXT=0&DMROTATE=0

****For more explanation, view Railsandtrails website or CDM 6 GetImage online help.
Metadata from CDM

My Favorites (internal/built-in)
- Powerpoint
- Zip Archive File
More Metadata from CDM

Problem in one image to one text file

Problem in colon in first column
Even More Metadata from CDM

Powerful Excel Features
(a Jing video clip of Transpose/Macro: [http://www.screencast.com/t/HLZaTMR5rt](http://www.screencast.com/t/HLZaTMR5rt))
(merge worksheets in Excel: the [link](http://www.screencast.com/t/eN6C9imO4G))
(**a Jing video clip of MergeText: [http://www.screencast.com/t/eN6C9imO4G](http://www.screencast.com/t/eN6C9imO4G))

Web Harvest Tool (external tool)
- Data Toolbar (a Jing video clip: [http://www.screencast.com/t/hZrro02vBz](http://www.screencast.com/t/hZrro02vBz))
- Kimono
And Even More Metadata from CDM

Python scripts
- All metadata fields represented in metadata files
- Pre-defined fields
- User defined fields
Applications

Case Studies from CDM Collections
‘Scaled’ Images & Thumbnail Directly from CDM

Google Map/Fusion
Table Archives digital collection
‘Scaled’ Images & Thumbnail Directly from CDM

ArcGIS Northfield flood digital collection
ArcGIS Storymaps

2010 Flood in Northfield, Minnesota

This is an ArcGIS map with the coordinates that will be used to create an Esri Map Tour.

Flooding of the Cannon River, sidewalk under floodwater, September 23, 2010

Flooding of the Cannon River, Delaware under

Looking down the Cannon River by the Army Dam

Floodwater by Jeff Food

Flooding land slides, September 24, 2010

Flooded Spring Creek from Bridge, September 24, 2010

Flooding at stadium, September 24, 2010

Flooding at the stadium, September 24, 2010

Flooding in #6, parking lot behind I
The Limited Editions Club

Poems
CHRISTINA ROSSETTI
Chosen by WALTER DE LA MARE

Newtown, Montgomeryshire: Gregynog Press, 1930. No. 102 of 500 copies.

This book was displayed at the British Museum in an exhibition entitled *Fifty Best Books of 1930*. The engraved portrait of Christina Rossetti is by Robert Ashwin Maynard after a pencil drawing by Dante Gabriel Rossetti.

Gift of Eugene and Sadye Power.

The Plays of Euripides, vol. 1.
Revolutionary User Interfaces

The human computer interface helps to define computing at any one time. As computers have become more mainstream the interfaces have become more intimate. This is the journey of computer technology and how it has come to touch all of our lives.
Timeline JS

By Arnold Reinholtz, via Wikimedia Commons

The first Data General Nova minicomputer displayed at the Computer History Museum in Silicon Valley.

1968

**Minicomputer**

Data General introduces the Nova Minicomputer which served as an inspiration for Steve Wozniak’s design of the Apple I.
## Timeline JS

<table>
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<tr>
<th>Start Date</th>
<th>End Date</th>
<th>Headline</th>
<th>Text</th>
</tr>
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<tbody>
<tr>
<td>9/23/2010 0:00:00</td>
<td>9/23/2010 0:00:00</td>
<td>Trash and logs that have come over the dam during the flooding of the</td>
<td>Item Metadata for: <a href="http://contentdm.carleton.edu/cdm/ref/collection/NFFLD/id/915">http://contentdm.carleton.edu/cdm/ref/collection/NFFLD/id/915</a></td>
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</tbody>
</table>

**Collection Title:** Northfield Flood 2010  
**Title:** Preparing sandbags in Northfield downtown, September 23, 2010  
**Creator:** Wigley, Griff  
**Date Digital:** 2010-09-23  
**Summary:** Preparing sandbags in Northfield downtown, September 23, 2010  
**Digital Publisher:** Locally Grown Northfield  
**Contributing Institution:** Carleton College; Locally Grown Northfield  
**Contact Information:** Griff Wigley at Locally Grown Northfield website: http://locallygrownnorthfield.org/contact/  
**Sub-Collection:** Flood Images  
**Rights Management:** Rights given by creator to make available online for educational purpose  
**Language:** eng  
**Object Type:** image/StillImage  
**Object Format:** image/jpeg  
**GIS Information:** 44.457170,-93.161810  
**GIS Lat:** 44.457170  
**GIS Long:** -93.161810
Case Study: Hacking Humanities, Professor Austin Mason

She tells the story of Professor Fred Hill and Deborah Sayles. Professor Hill was a chauffeur for a millioneress, Deborah Sayles. He ended up marrying her and they had five children. Sayles Hill is named in their honor. Professor Hill died in the influenza epidemic.

Lillian Brauer

She has many fond memories of her time at Carleton. She attended Carleton while the Chapel was being built. Before the Chapel was built, students attended chapel in Willis. Willis was used for many purposes. Here is an audio recording about going to chapel and pep...
"Before World War I, the view northeastward from the Observatory presented an eroded, weed-grown pasture through which meandered a perennial creek. Beyond was a tumble-down farm that presented not a very inspiring picture... A driveway past the Rice barnyard led to the city dump where bones and entrails from the local slaughter shops were mingled with superannuated Model T Fords, old tires, bottles, cans and other effluvia as a city casts off."

--Harvey Stork, Professor of Biology
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Questions?
Thank you for coming!

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Image Credit: “Lucania terra di Aglianico....” by Angelo Petrozza CC BY-NC-SA 2.0