



Linked Infrastructure for
Networked Cultural Scholarship

Lier la recherche et le contenu culturel en ligne

Projet LINCS (Linked Infrastructure for Networked Cultural Scholarship)

Susan Brown

CRC in Collaborative Digital Scholarship, University of Guelph
CRKN Conference, October 2022



L'infrastructure liée pour les
données culturelles reliées

Écosystème des données de recherche



Écosystème des données de recherche

Chercheurs

- contenu culturel numérisé
- métadonnées
- recherche savante

données
contextualisées
et situées



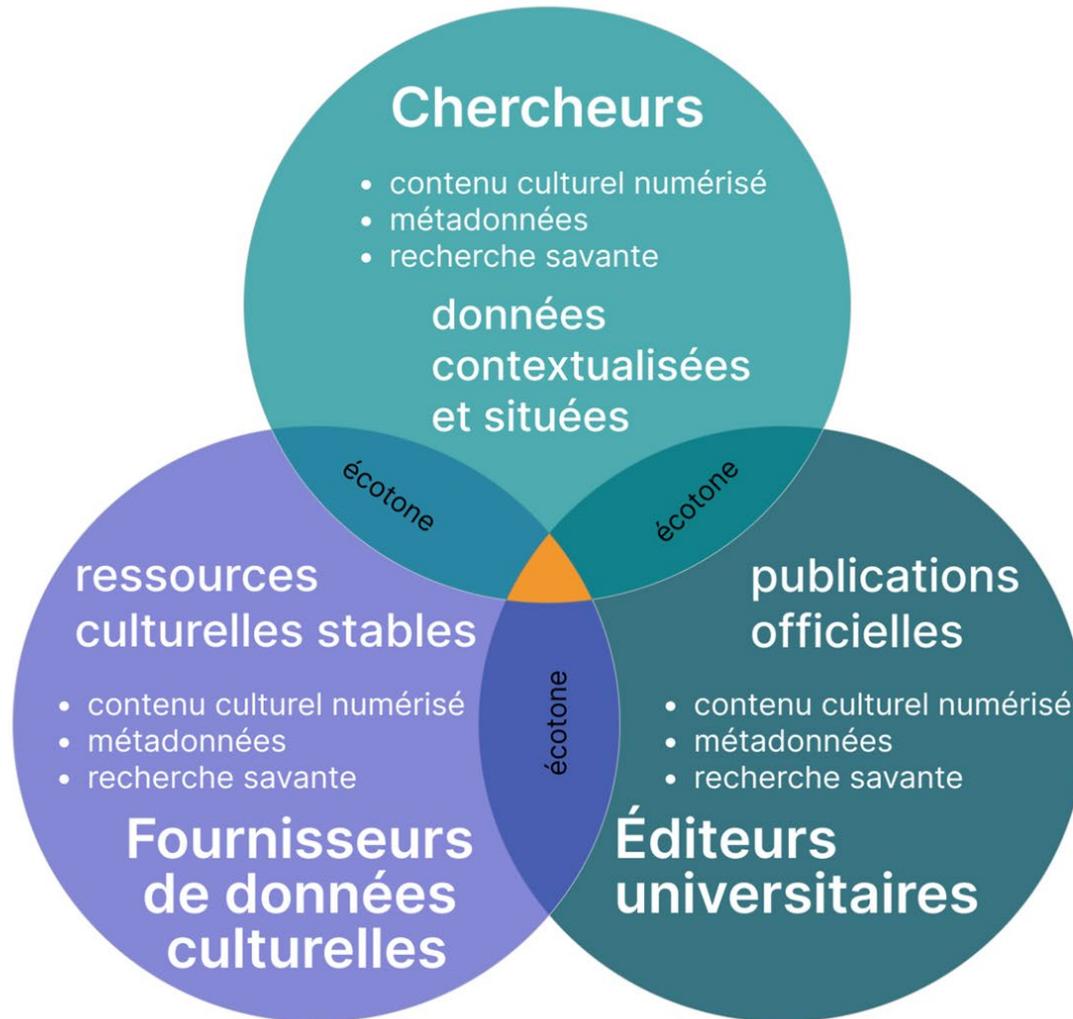
Écosystème des données de recherche



Derived from Susan Brown and John Simpson. "An Entity by Any Other Name: Linked Open Data as a Basis for a Decentered, Dynamic Scholarly Publishing Ecology." *Scholarly and Research Communication* 6.2 (2015). <https://doi.org/10.22230/src.2015v6n2a212>



Écosystème des données de recherche



Derived from Susan Brown and John Simpson. "An Entity by Any Other Name: Linked Open Data as a Basis for a Decentered, Dynamic Scholarly Publishing Ecology." *Scholarly and Research Communication* 6.2 (2015).
<https://doi.org/10.22230/src.2015v6n2a212>



Écosystème des données de recherche



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<https://doi.org/10.22230/src.2015v6n2a212>



LINCS et les données liées





Linked Infrastructure for
Networked Cultural Scholarship

Lancement du projet de cyberinfrastructure auprès de la FCI
Printemps 2023

The Linked Infrastructure for Networked Cultural Scholarship (LINCS) permet aux chercheurs canadiens de créer des données culturelles en ligne interconnectées et contextualisées pour les universitaires et le public.

En quoi consistent les données ouvertes liées

?

- Ensemble de normes relatives à la production de données pour le **web sémantique** (web de données ou graphique des connaissances mondiales)
- Élargissent les normes du WWW au format et à l'échange de données

Structurent les données par un cadre de description des ressources RDF (Resource Description Framework)

Formalisent les liens par le langage ontologique web OWL (Web Ontology Language)

Normalisent les données par la réutilisation d'ontologies et de vocabulaires avec des identifiants URI ou PID (codes d'identification de ressources uniforme/identifiants pérennes)

Convertissent des « fils » en « objets »

avec des URI pour rendre les liens web intelligibles ou sémantiques

Font des humains et machines des partenaires
en donnant du sens aux données sur le web



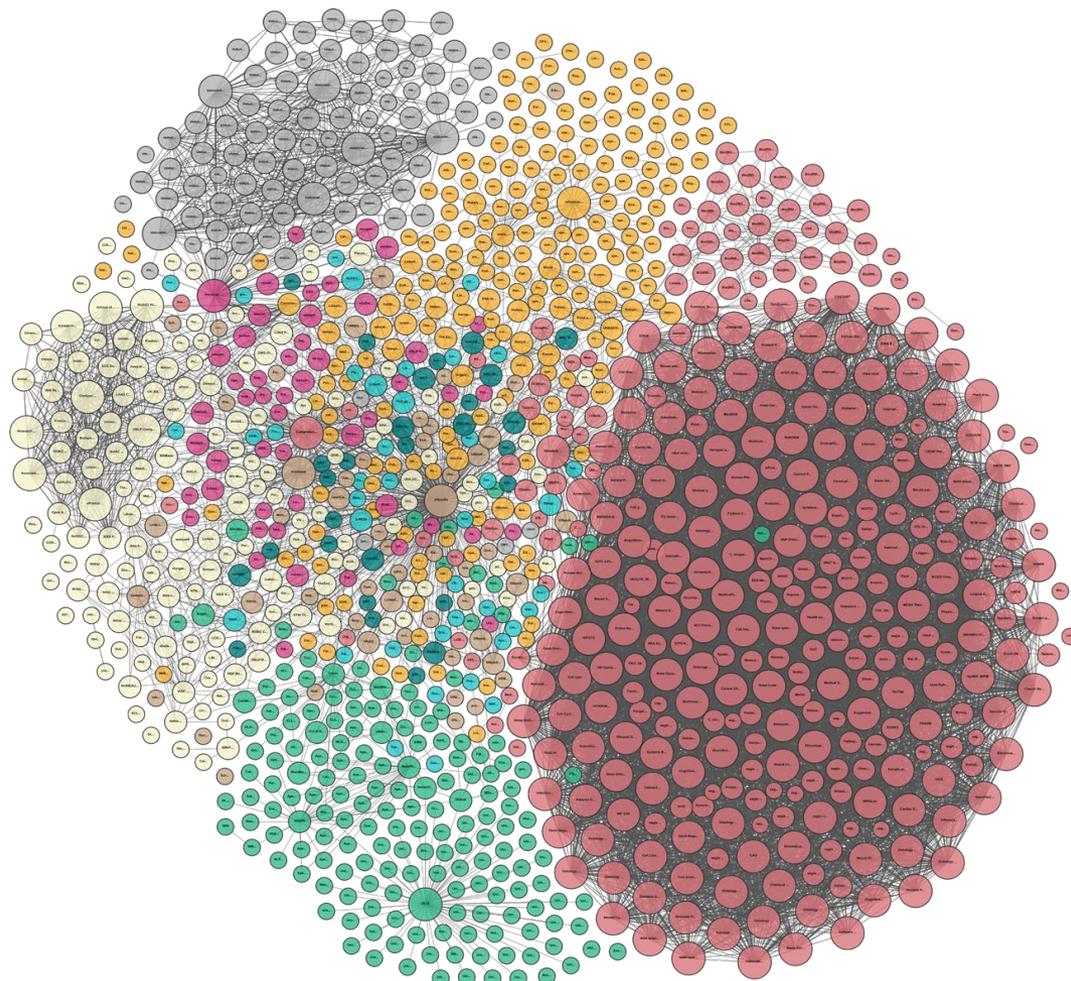
Les deux côtés de la médaille



Comme une carte de crédit, les données liées sont lisibles par les humains sur le recto et elles sont lisibles par une machine sur le verso.

Avantages des données liées ouvertes

- Découvrabilité
- Accessibilité
- Interopérabilité
- Réutilisation
- Partage
- Inférences
- Contextualisation
- Provenance
- Découvertes fortuites



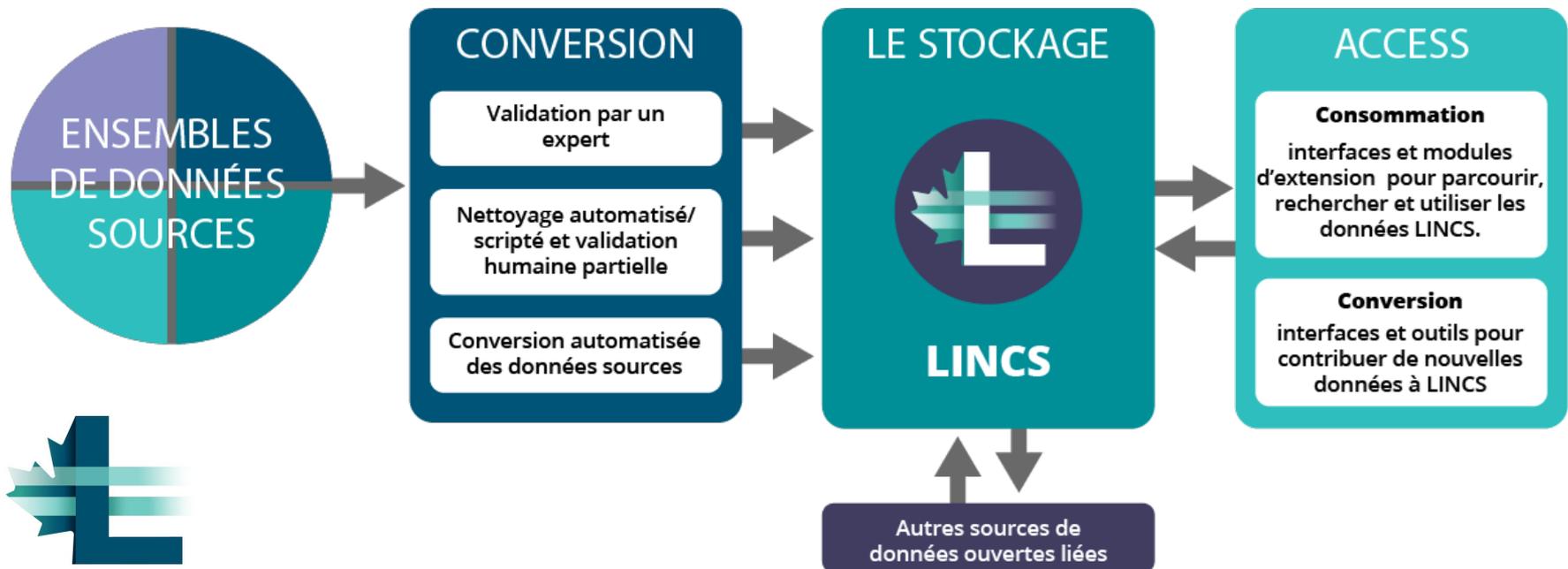
Portion of Linking Open Data cloud diagram 2017, by Andrejs Abele, John P. McCrae, Paul Buitelaar, Anja Jentzsch and Richard Cyganiak. <http://lod4cloud.net/>



Ensembles de données sources

Types de données:

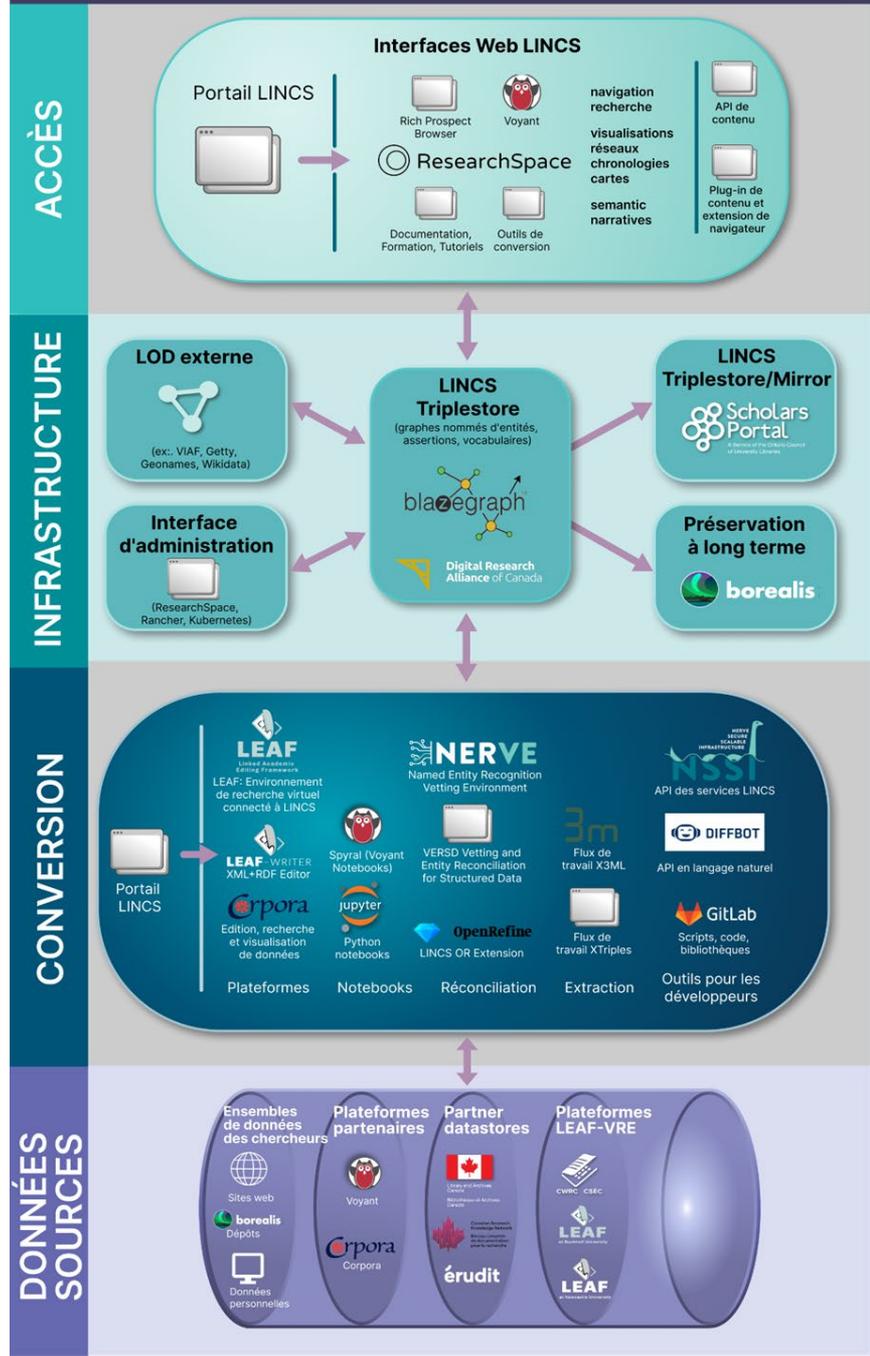
- Données structurées (base de données, tableurs, métadonnées)
- Données semi-structurées (documents XML tels que la TEI (Text Encoding Initiative))
- Langage naturel



Une suite d'outils,
pas une seule
plateforme

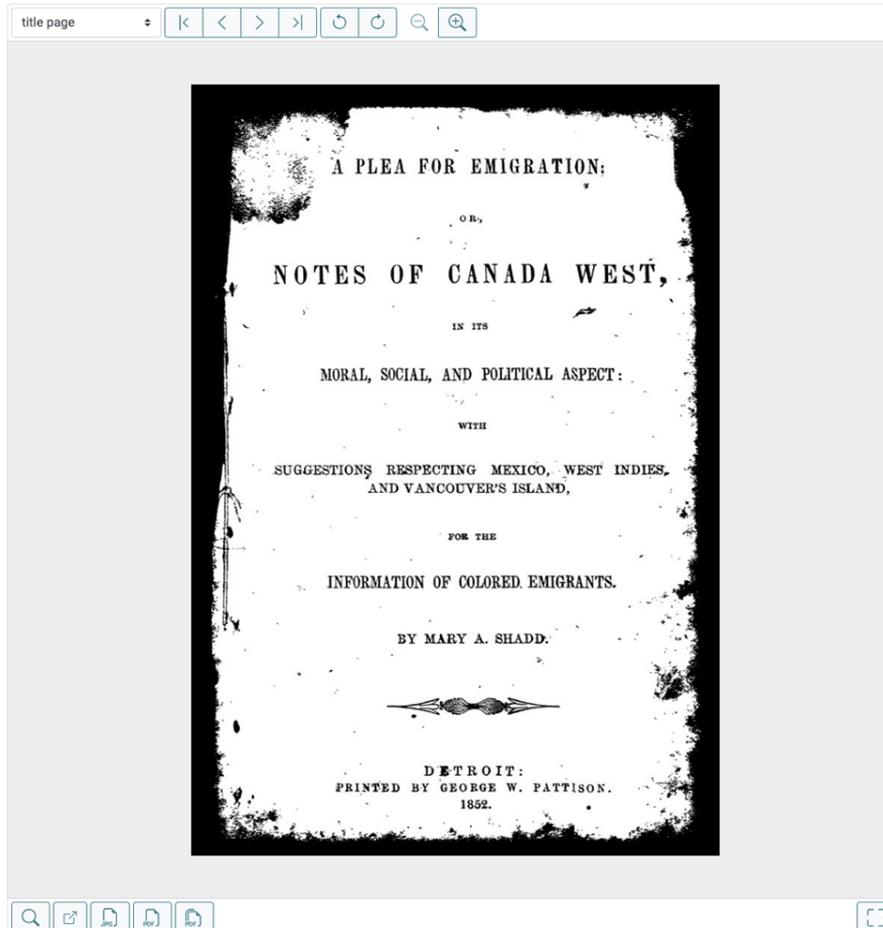


DIAGRAMME DU SYSTÈME LINCS



Contexte LINCS et modules d'extension





A plea for emigration, or, Notes of Canada West : in its moral, social, and political aspect; with suggestions respecting Mexico, West Indies, and Vancouver's Island, for the information of colored emigrants / by Mary A. Shadd.

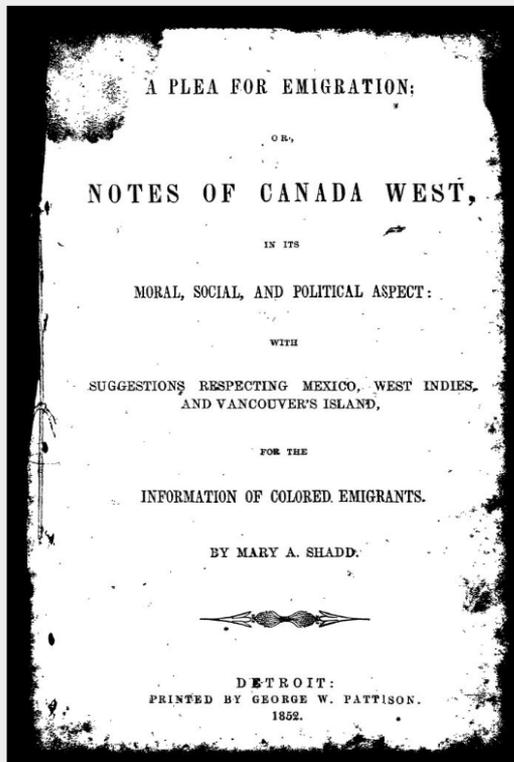
[Detroit? : s.n.], 1852 (Detroit : G.W. Pattison); 46 images with full-text search [?](#)

Document Record

Creator	Shadd, Mary A., 1823-1893.
Title	Notes of Canada West. A plea for emigration, or, Notes of Canada West : in its moral, social, and political aspect; with suggestions respecting Mexico, West Indies, and Vancouver's Island, for the information of colored emigrants
Published	[Detroit? : s.n.], 1852 (Detroit : G.W. Pattison)
Identifier	47542



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A plea for emigration, or, Notes of Canada West : in its moral, social, and political aspect ; with suggestions respecting Mexico, West Indies, and Vancouver's Island, for the information of colored emigrants / by Mary A. Shadd.

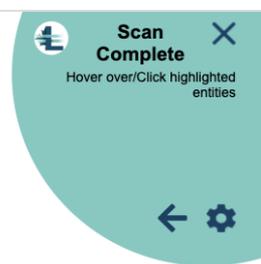
[Detroit ? : s.n.], 1852 (Detroit : G.W. Pattison); 46 images with full-text search ?

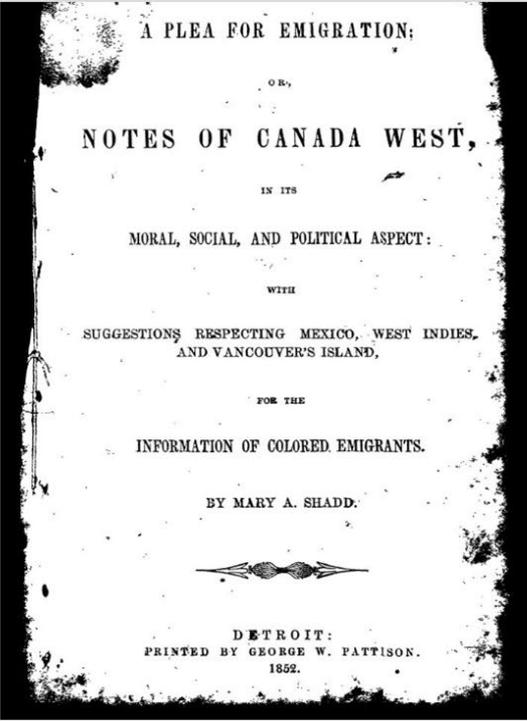
Document Record

Creator Shadd, Mary A., 1823-1893.

Title Notes of Canada West

Lier des données à leurs contextes in situ
Reconnaissance d'entités nommées (avec étape de mise en correspondance si nécessaire)





A plea for emigration; or, Notes of Canada West : in its moral, social, and political aspect; with suggestions respecting Mexico, West Indies, and Vancouver's Island, for the information of colored emigrants / by Mary A. Shadd Cary.

Shadd, Mary A., 1823-1893. (G.W. Pattison); 46 images

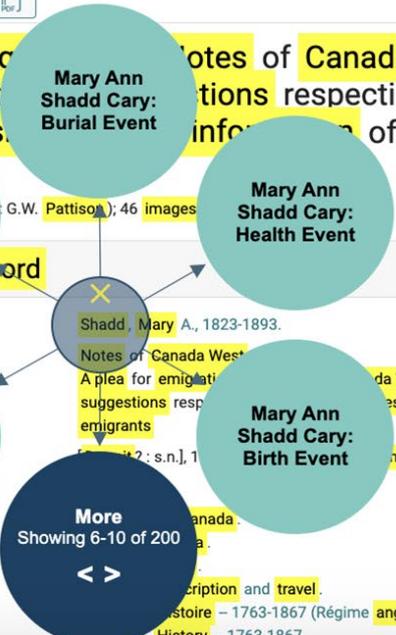
Record

Shadd, Mary A., 1823-1893.

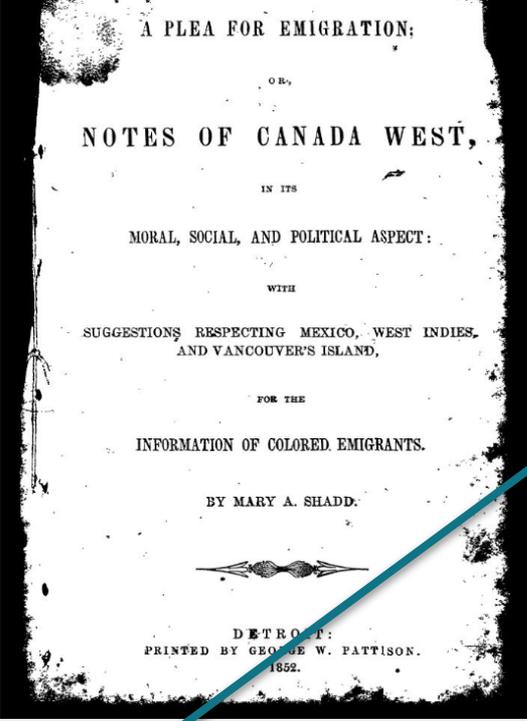
Title: Notes of Canada West : in its moral, social, and political aspect; with suggestions respecting Mexico, West Indies, and Vancouver's Island, for the information of colored emigrants.

Subject: Canada.

More Showing 6-10 of 200



Contextes initiaux



Mary Ann Shadd Cary:
 has note
 9 October 1823: Mary Ann Shadd (who published her later writings as Cary) was born in Wilmington, Delaware, USA, the eldest of thirteen



A plea for emigration... Notes of Canada West : in its moral, social, and political aspect... Suggestions respecting Mexico, West Indies, and Vancouver's Island... information of colored emigrants / by Mary A. Shadd

Birth <http://www.w3.org/19...>

Mary Ann Shadd Cary: Birth Event <http://www.w3.org/20...>

has type historic significance

Shadd, Mary A., 1823-1893.

Notes of Canada West

has type literary climate

has time-span <http://id.lincspr...> **IXNRHa**

More
Showing 1-5 of 10

Contextes détaillés



Home > Author Profiles > Mary Ann Shadd Cary

Highlights

Biography

Birth and Background

- Parents
- Early Homes and Education

Teaching

Emigration to Canada

- The Provincial Freeman

Brief Marriage, Children

Later Career

- After Emancipation
- The Law
- Women's Rights

Death

Writing

- Early Political Writing
- A Plea for Emigration

Mary Ann Shadd Cary

09 October 1823 - 05 June 1893

Journalist and editor of the newspaper *The Provincial Freeman* in the northern US and Canada during the mid nineteenth century, MASC also wrote a short book advocating emigration to Canada for free blacks living in the United States and lectured on abolition, emigration, and women's suffrage.



Mary Ann Shadd Cary

Milestones

9 October 1823

Mary Ann Shadd (who published her later writings as Cary) was born in Wilmington, Delaware, USA, the

Liens vers les sources contextuelles et la provenance des données

search for... This project

Advanced search

CWRC » COLLABORATORY » THE ORLANDO PROJECT » ORLANDO MIGRATION: 2020-09-02 » ORLANDO PROFILES - PUB-C



Mary Ann Shadd Cary

How

Liens générés par les chercheurs grâce au balisage sémantique

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- Share
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- Unlock
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- Edit Record
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<http://cwrc.ca>



Markup Entities NERVE

- HEADING
- BIRTH
- DIV1
 - CULTURALFORMATION
 - GENDER
 - DIV2
 - SHORTPROSE
 - P
 - RACECOLOUR
 - GEOGHERITAGE
 - CLASS
 - DENOMINATION
 - ORNAME
 - BIBCITS
 - DENOMINATION
 - ORNAME
 - BIBCITS
 - POLITICAL AFFIL

Tags

Cary, Mary Ann Shadd
 Journalist and editor of the newspaper *The Provincial Freeman* in the northern **US** and **Canada** during the mid nineteenth century, **MASC** also wrote a short book advocating emigration to Canada for free blacks living in the United States and lectured on abolition, emigration, and women's suffrage.

Biography

Birth Name: **MaryAnnCambertonShadd**
 Married Name: **Cary**
 Indexed: **Mary Ann Shadd**

There is no consensus on whether she ought now to be known as Shadd, under which name she published her pamphlet and guide to emigration, or Cary, the last name under which she wrote.

Birth and Background

9 October 1823 **Mary Ann Shadd** (who published her later writings as Cary) was born in **Wilmington, Delaware, USA**, the eldest of thirteen children. **Citations (11)** **Citations**

It appears, however, that only five of her siblings lived to adulthood. **Citations (11)** **Citations**

Mary Ann Shadd came of mixed white and black (or, in her own word, 'colored') **American** heritage on both maternal and paternal sides. Her paternal great-grandfather came originally from Germany. The family was economically comfortable, with Cary's father deriving his income from his trade as a shoemaker. She attended a

Find an Organization



search for...

African Methodist Episcopal



CWRC



VIAF



DBPedia

African Methodist Episcopal University - *The African Methodist Episcopal University (AMEU) is a private institution of higher learning*

Wilberforce University - *with the African Methodist Episcopal Church (AME), it was the college to be owned and operated*

Livingstone College - *. It is affiliated with the African Methodist Episcopal Zion Church. Livingstone College*

Democratic Party (United States) - *The Democratic Party is one of the two major contemporary political parties in the United States, along with its main rival, the Republican Party. Tracing its heritage back to Thomas Jefferson and James Madison's Democratic-Republican Party, the modern-day Democratic Party was founded around 1828 by supporters of Andrew Jackson, making it the world's oldest active political party.*

Morris Brown College - *arts college in Atlanta, Georgia. It is affiliated with the African Methodist Episcopal Church*

Wikidata



African Methodist Episcopal Church - *African American Protestant denomination*

African Methodist Episcopal Zion Church - *predominantly African American religious organization*

African Methodist Episcopal University - *University in Monrovia, Liberia*

African Methodist Episcopal Church (Cumberland, Maryland) - *church in Cumberland Maryland*

African Methodist Episcopal Church in Nigeria - *American-founded church in West Africa*

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<http://cwrc.ca>

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Markup Entities NERVE

HEADING

BIRTH

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CULTURALFORMATION

GENDER

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nder which name she published her wrote.

Cary) was born in **Wilmington**,

s (11) Citations

ed')**American** heritage on both from Germany. The family was made as a shoemaker. She attended a



Multivues perspectives des entités

Mary Ann Shadd dans le projet " Canada's Early Women Writers " de Carole Gerson.

[Edit Record](#) [Dashboard](#)



Mary Ann Shadd (1823-1893)



This image is in the public domain.

Although she was born and died in the US, Mary Ann Shadd spent a significant portion of her life in Canada West, and was known for her pamphlets and journalism promoting racial equality.

- Non-fiction
- Periodical Contributions
- Other Publications
- Edited:
- Family and Relationships
 - Siblings
 - Marriage:
 - Children
- Religion**
- Residences
- Education
- Awards
- Employment and Volunteer Activitie...
 - Employment
- Archival Holdings
- Published Resources

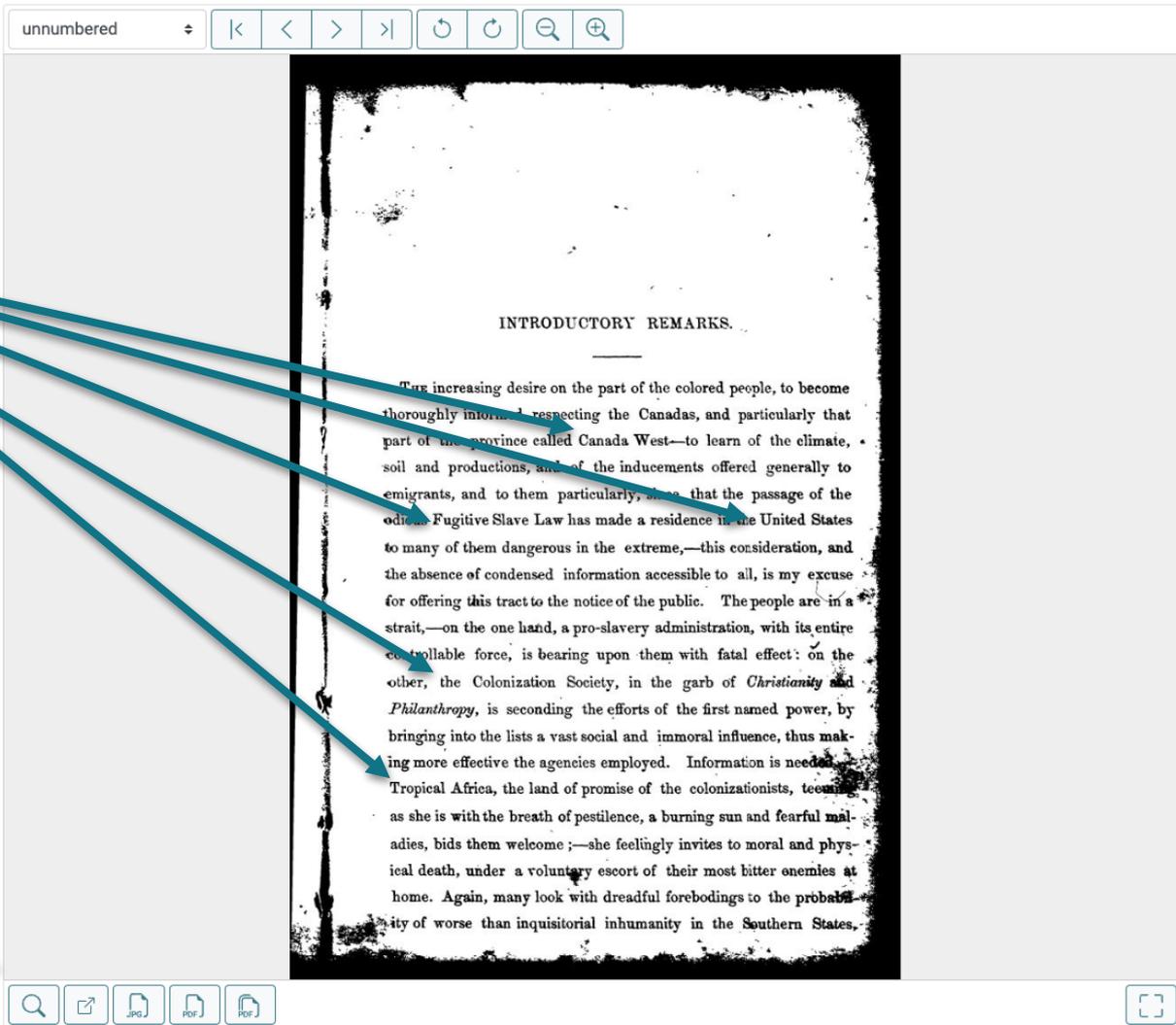
Birth: 9 October 1823, Wilmington, DE

Death: 5 June 1893, Washington, DC

Name at birth:



Possibilités



Entités intégrées dans le langage naturel (non reconnaissable Dans l'image de la page)

Option « affichage » avec ROC pour que le module d'extension précise le contexte

Autres possibilités : utiliser les identifiants pérennes (PIDs) existants, récolte d'annotations, réconciliation dans le contexte, etc.

A plea for emigration, or, Notes of Canada West : in its moral, social, and political aspect; with suggestions respecting Mexico, West Indies, and Vancouver's Island, for the information of colored emigrants / by Mary A. Shadd. 23



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Merci ! Thank you !

@susanirenebrown | sbrown@uoguelph.ca

Allez à <https://lincsproject.ca/> pour plus d'information.

(Un portail bilingue remplacera ce site au début de l'année 2023.)

Pour participer à l'essai des outils LINCS, cliquez sur [Take Part](#) et remplissez le formulaire !

Un grand merci aux équipes du LINCS, du CWRC/LEAF et d'Orlando, ainsi qu'à tous mes nombreux collaborateurs.



L'infrastructure liée pour les
données culturelles reliées

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POUR L'INNOVATION