Making Data Discoverable: Connecting Omni to Dataverse and Beyond

OCUL Collaborative Futures Mini Conference
June 5th, 2023

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McMaster University Library

McMaster University

McMaster University is located on the traditional Territories of the Mississauga and Haudenosaunee Nations, and within the lands protected by the “Dish With One Spoon” wampum agreement.

Mhsheikholeslami, “Eramosa Karst Conservation Area- Nexus Cave- Stoney Creek- Hamilton-Ontario,” 16 June 2019, Wikimedia Commons - https://commons.wikimedia.org/wiki/File:Eramosa_Karst_Conservation_Area-_Nexus_Cave-_Hamilton-Ontario-2.jpg

Connecting Dataverse to Omni – a small act with a big impact!

- **Sharing research data:** how, why, where?
- **Libraries support discovery and reuse!**
- **Connecting Dataverse to Omni –** Historical Context and Indexing
- **Practical Steps**
- **Big Impact!**

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Go to **www.menti.com** and use the code **9499 3784**

Mentimeter

What is your familiarity with data sharing or data repositories?

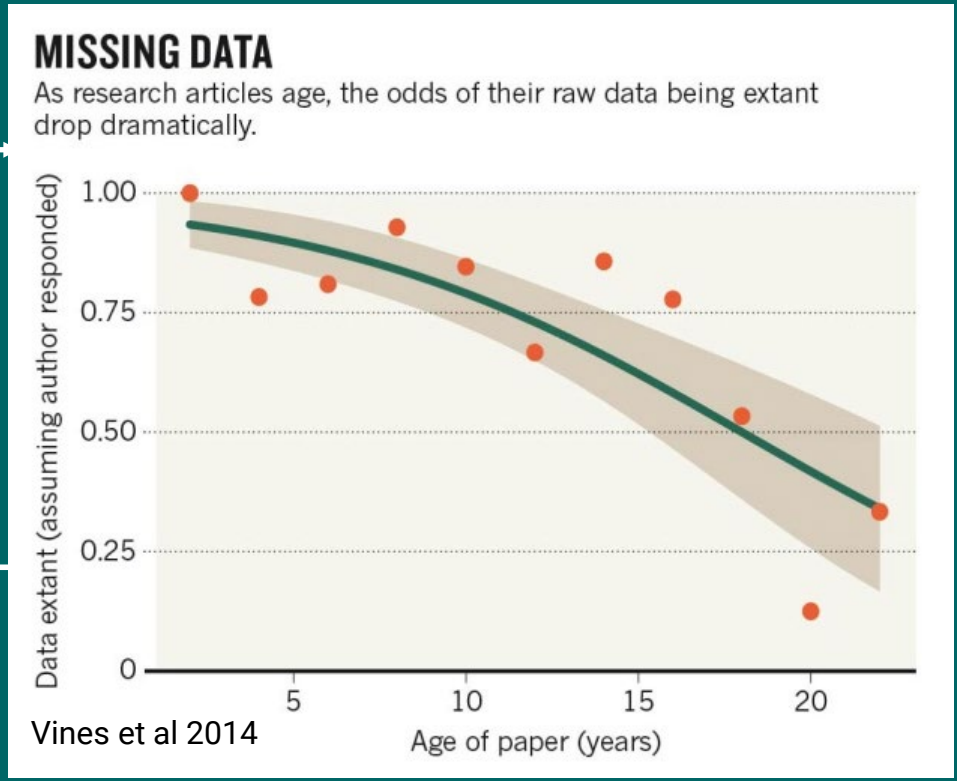
0%	0%	0%	0%
I know about it and have shared data!	Our library has one but I'm curious to learn more.	I've heard of data sharing but not sure about repositories.	This is a new concept to me entirely!

How do researchers share data?

Researcher/
research team

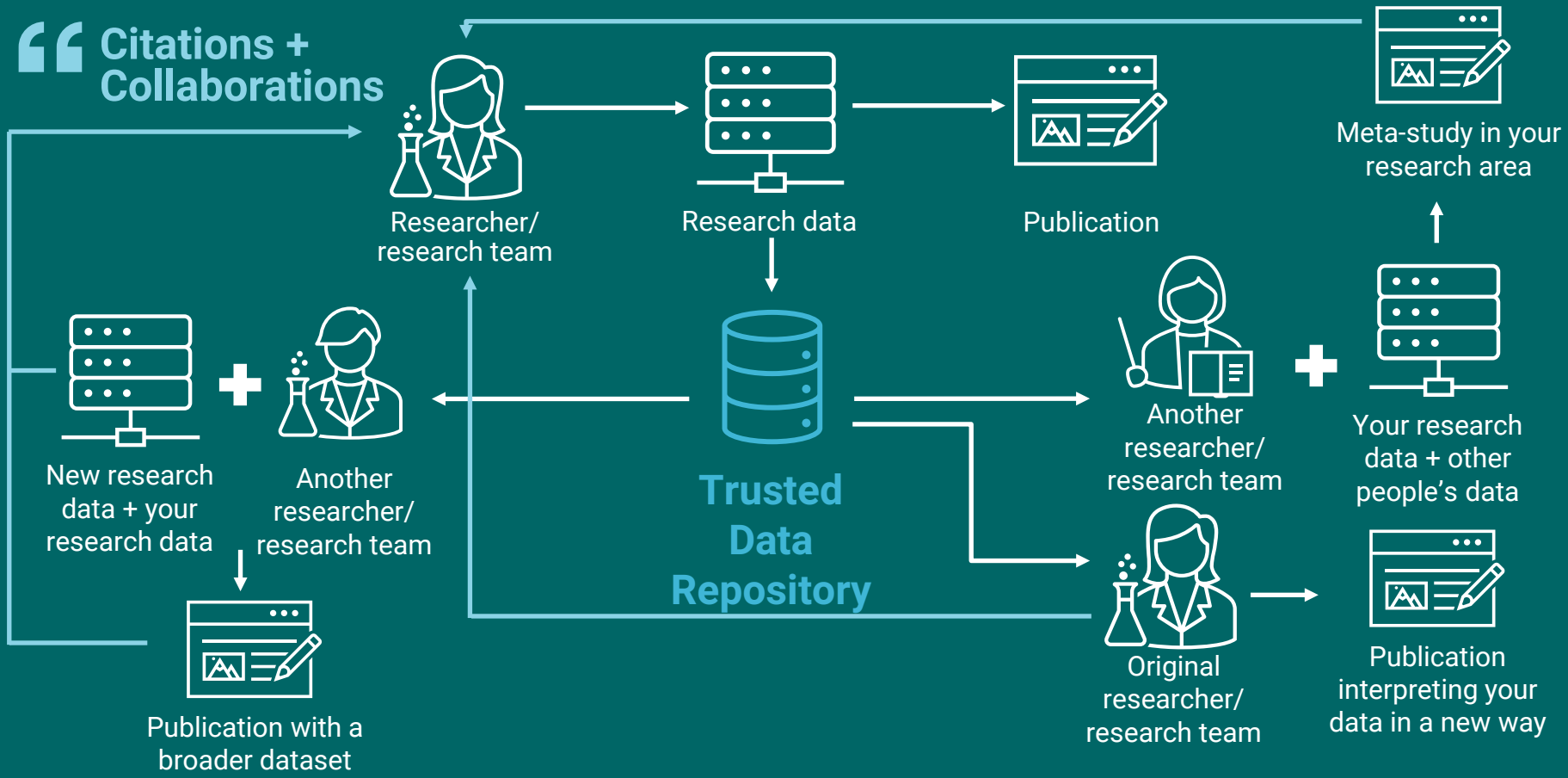
Citation

Publica citing
your findings



Vines et al 2014

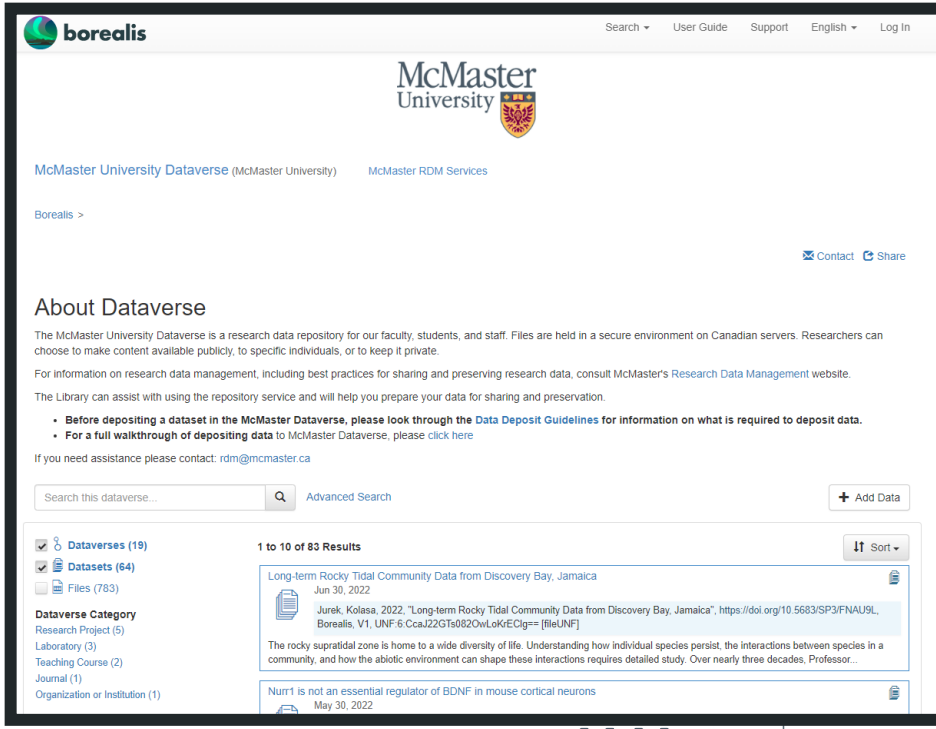
How do researchers share data?



McMaster Dataverse – Institutional Data Repository

https://borealisdata.ca/dataverse/mcmaster

- Part of Borealis – the Canadian Dataverse Repository
- Open-source software out of Harvard
- Partnership between regional library consortia, research orgs, and the Digital Research Alliance of Canada
- Infrastructure – managed by Scholars Portal and University of Toronto Libraries



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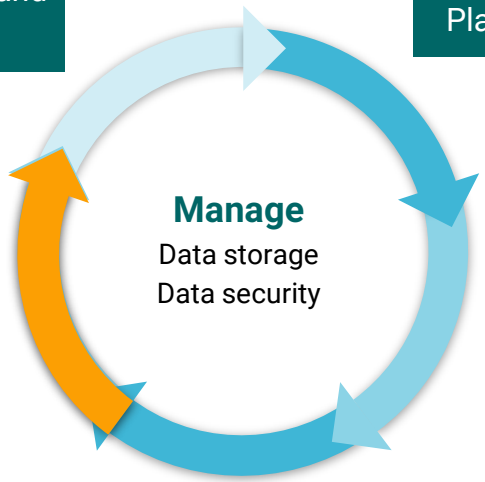
Data Sharing and Research Data Management (RDM)



Discovery and Reuse

Reproducibility
Open access
Persistent identifiers
Searchable databases
Data sharing agreements

Planning

Data Management Plans
Grant applications
Ethics applications
Research proposals

Data Collection

Access controls
De-identification
Electronic lab notebooks
Documentation

Analyze

File management
Folder organization
Collaborative tools and software

Publication and Sharing

Data publications
Archival
Data deposit
Data repositories
Metadata

How does this step happen?
How to find and reuse data?

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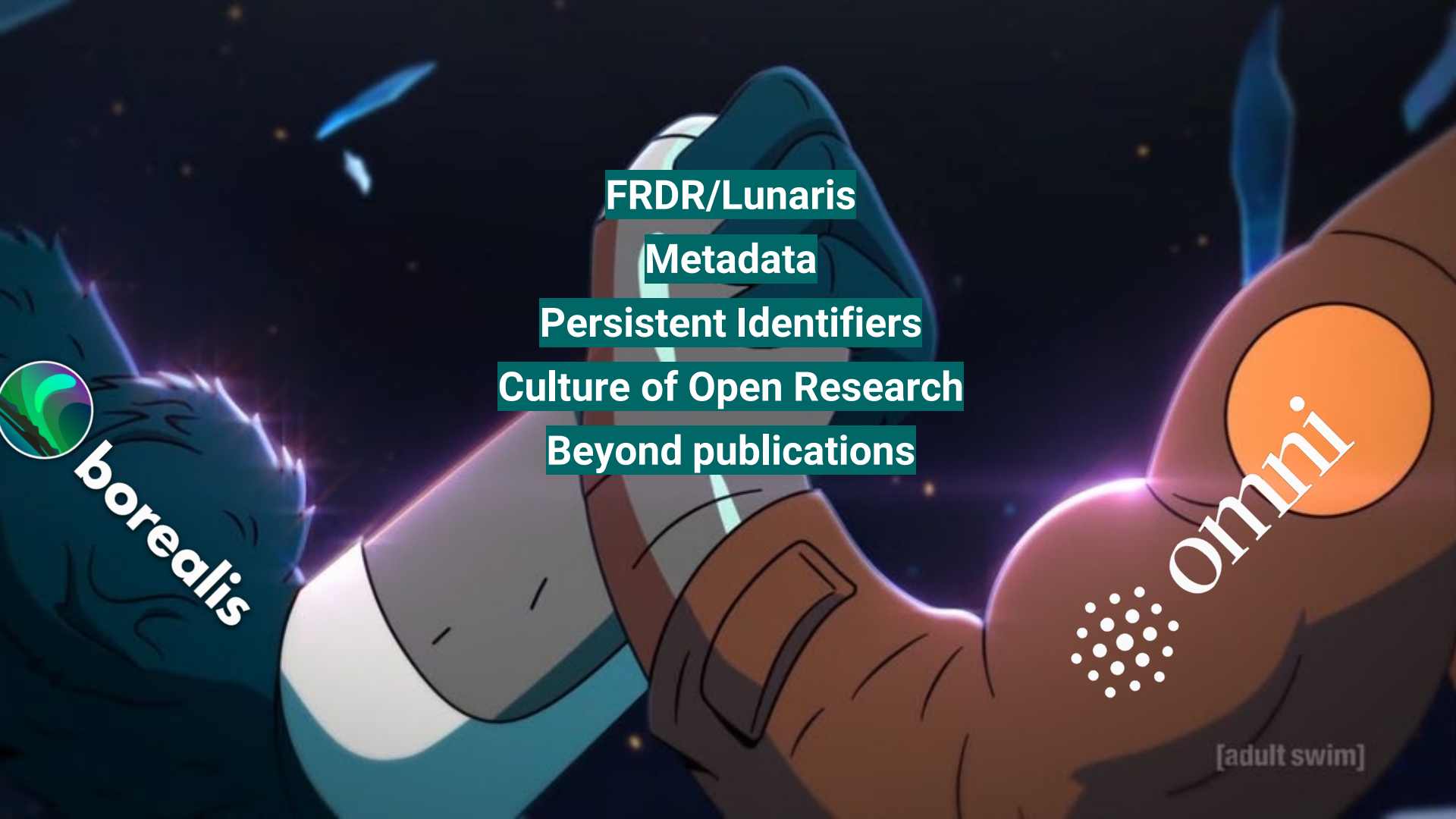
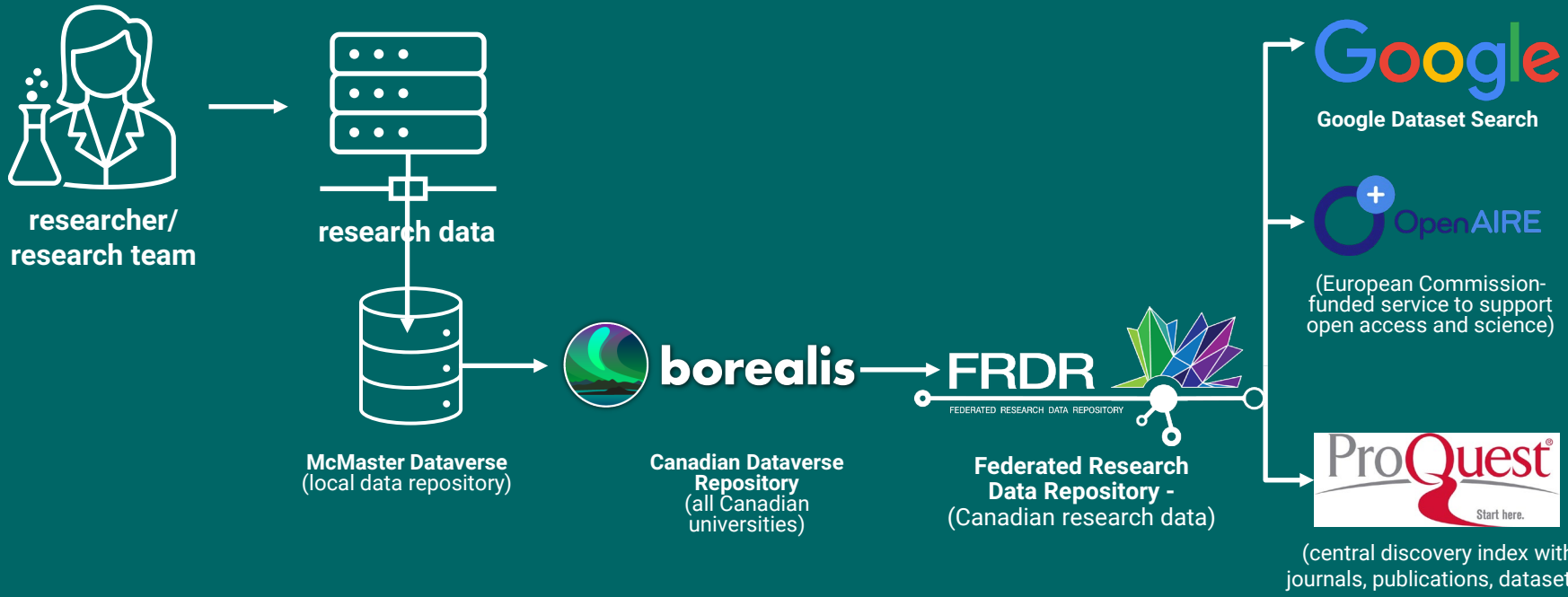

FRDR/Lunaris
Metadata
Persistent Identifiers
Culture of Open Research
Beyond publications
borealis
Omni
[adult swim]

Context: Canadian Open Research Data in ProQuest

- 2021 - UBC Library Research Commons worked with ProQuest
- Collaboration: Eugene Barsky, Kelly Stathis, and Alex Garnett
- Datasets indexed by the Federated Research Data Repository (FRDR) become finable in ProQuest Central Discovery Index (CDI)
- Collaboration Records from FRDR become visible in Summon, Primo, Alma, Omni.

From McMaster Dataverse to Omni



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Long-term Rocky Tidal Community Data from Discovery Bay, Jamaica

Version 10.1

Jurek, Kolasa, 2022, "Long-term Rocky Tidal Community Data from Discovery Bay, Jamaica", https://doi.org/10.5683/SP3/FNAU9L, Borealis, V10, UNF:6:z4o16Ob+iQsfg83MiKmWeQ== [fileUNF]

Cite Dataset Learn about Data Citation Standards.

McMaster Dataverse

https://borealisdata.ca/dataverse/mcmaster

Access Dataset

Contact Owner Share

Dataset Metrics

103 Downloads

Descrip

how individual species persist, the interactions between species in a community, and how the abiotic environment can shape these interactions requires detailed study. Over nearly three decades, Professor Jurek Kolasa and his research team have monitored meta-community dynamics in some 50 rock (supratidal) pools along the shores of Jamaica, collecting abundance information for 78 rock pool species, as well a abiotic measurements (temperature, salinity, pH, chlorophyll, dissolved oxygen, depth, volume). These data

Long-term Rocky Tidal Community Data from Discovery Bay, Jamaica

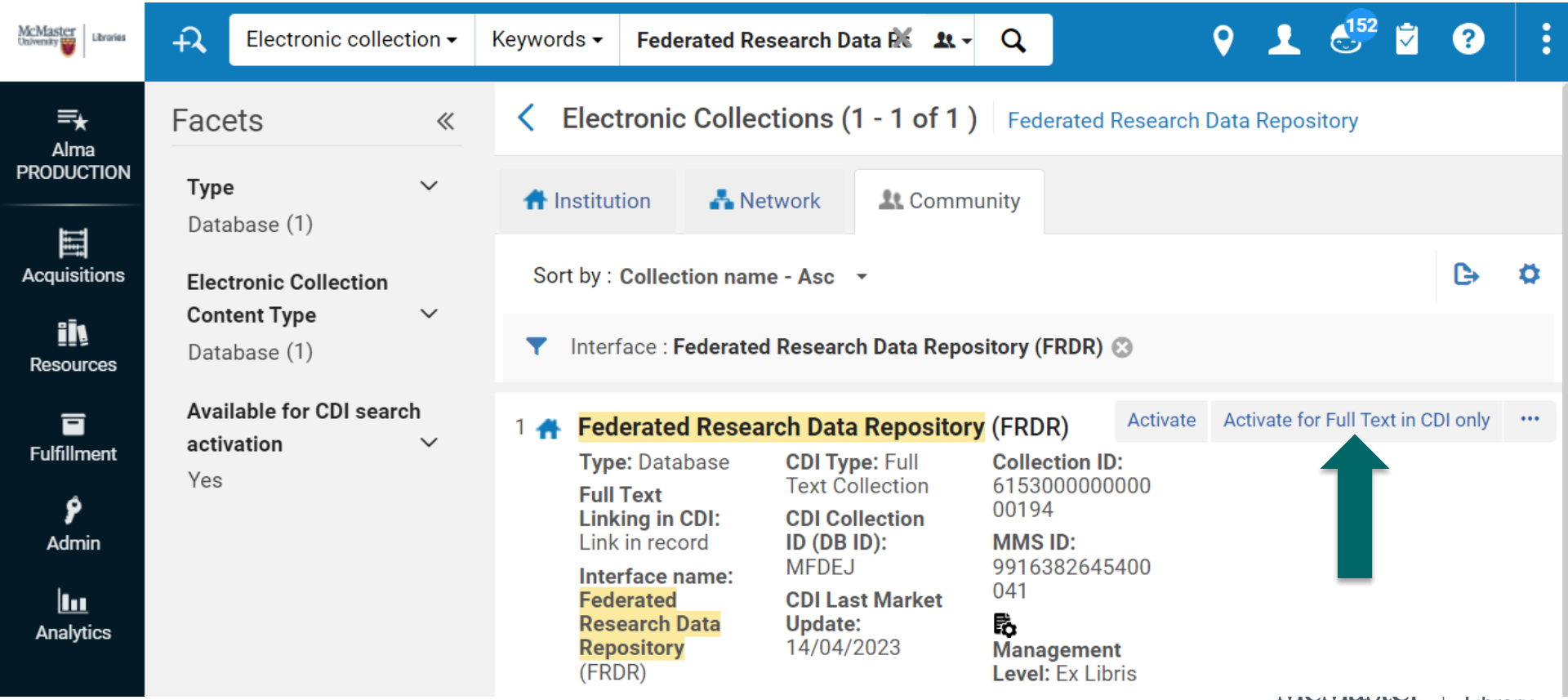
Access this dataset

View Citation

Publication date:	2022-06-30
Source Repository:	McMaster University Dataverse
Author(s):	Jurek, Kolasa
Description:	The rocky supratidal zone is home to a wide diversity of life. Understanding how individual species persist, the interactions between species in a community, and how the abiotic environment can shape these interactions requires detailed study. Over nearly three decades, Professor Jurek Kolasa and his research team have monitored meta-community dynamics in some 50 rock (supratidal) pools along the shores of Jamaica, collecting abundance information for 78 rock pool species, as well a abiotic measurements (temperature, salinity, pH, chlorophyll, dissolved oxygen, depth, volume). These data represent one of the most intensive meta-community monitoring projects ever conducted, making them of consider valuable to our understanding of tropical coastal community dynamics.
Keywords:	Earth and Environmental Sciences
(EN):	Earth and Environmental Sciences
	ENAU9L
Access:	Public
License:	CC0

Lunaris

https://www.lunaris.ca/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Alma PRODUCTION
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1
Federated Research Data Repository (FRDR)
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Type: Database
Full Text Linking in CDI: Link in record
Interface name: Federated Research Data Repository (FRDR)
CDI Type: Full Text Collection
CDI Collection ID (DB ID): MFDEJ
CDI Last Market Update: 14/04/2023
Collection ID: 6153000000000 00194
MMS ID: 9916382645400 041
Management Level: Ex Libris

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rocky tidal community data

McMaster + Other Omni Libraries

Modify your results

Add results beyond McMaster's Collection (What is this?)

Sort by Relevance

Availability

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Omni

0 selected PAGE 1 280 Results Personalize

1

ONLINE DATASET

Long-term Rocky Tidal Community Data from Discovery Bay, Jamaica

Jurek, Kolasa

2022

“The rocky supratidal zone is home to a wide diversity of life. Understanding how individual between species in a community...”

OPEN ACCESS

Available Online

McMaster University | Library

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rocky tidal community data

McMaster + Other Omni Librar

Active filters

Datasets ×

Remember all filters

Reset filters

Modify your results

Add results beyond McMaster's Collection (What is this?)

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ONLINE DATASET

Long-term Rocky Tidal Community Data from Discovery Bay, Jamaica

Jurek, Kolasa

2022

“ *The rocky supratidal zone is home to a wide diversity of life. Understanding how indivi between species in a community...* ”

OPEN ACCESS

Available Online >

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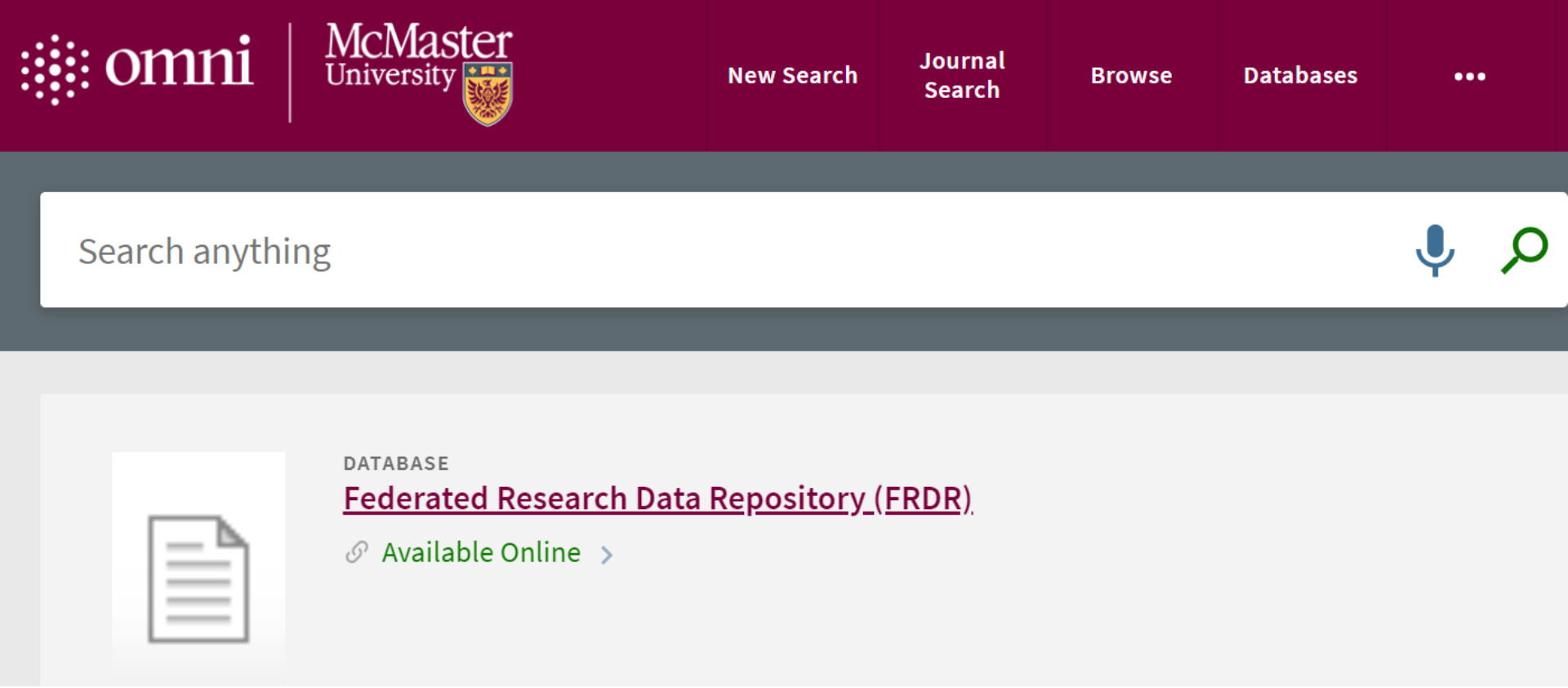
omni
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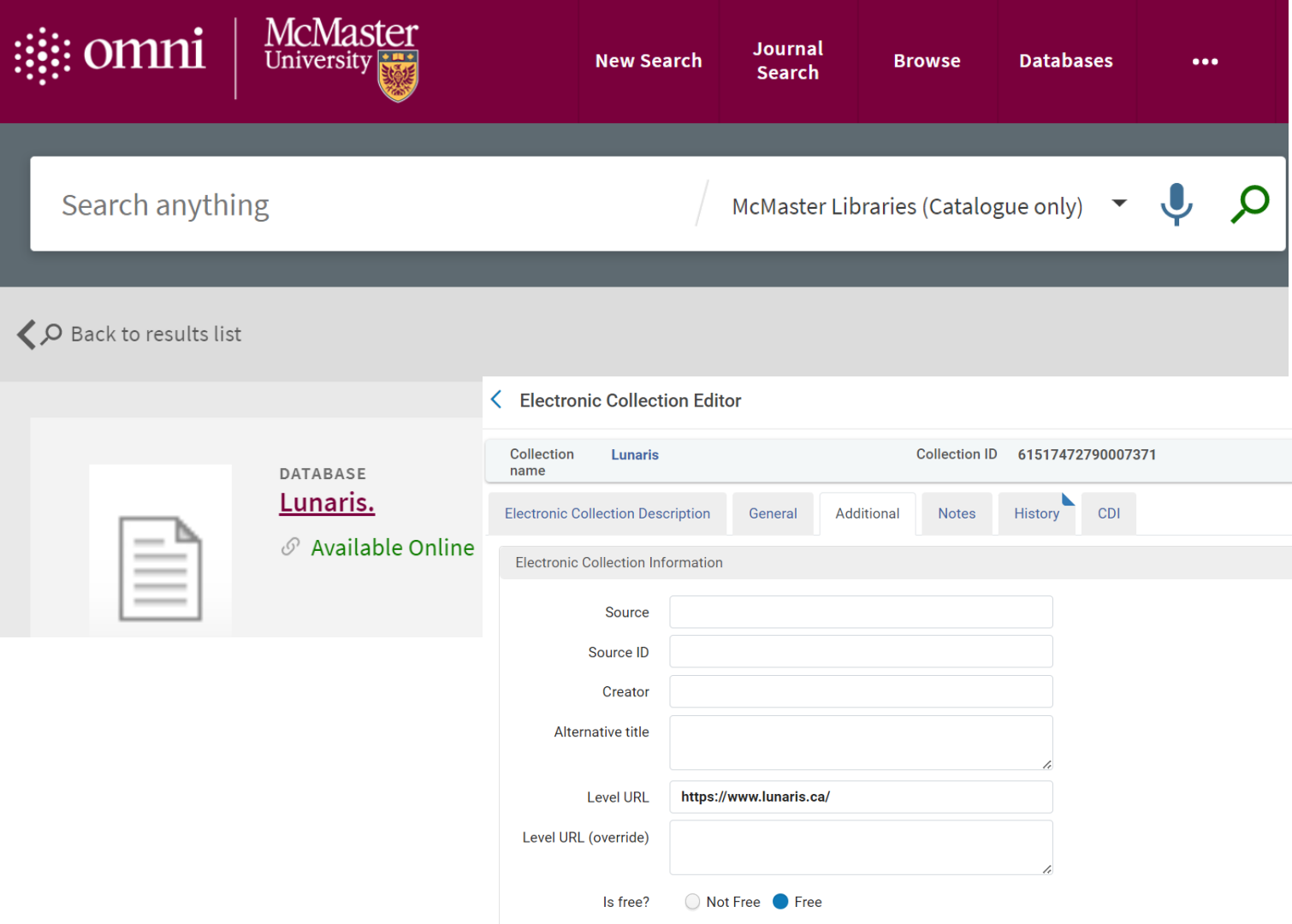
New Search
Journal Search
Browse
Databases
Search anything
DATABASE
Federated Research Data Repository (FRDR)
Available Online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History
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Alternative title
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https://www.lunaris.ca/
Level URL (override)
Is free?
Not Free
Free

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Advanced Search | New Items | Omni Help

Databases

Journal Search

Research Guides

Federated Research Data Repository

Connect

Alternative Title: FRDR | Dépôt fédéré de données de recherche | DFDR

Allowable Uses:

Access is available to everyone, anywhere.

Report a Problem

User Type:
Public - Open Access

Database Type:
Statistics & Data

Subjects:
General and Multi-disciplinary

Description

Now available as databases too!

Provided by the Digital Research Alliance of Canada, the Federated Research Data Repository (FRDR) is a system for researchers in Canada to deposit and share research data and to facilitate discovery of research data through federated searching across over 100 Canadian research data repositories. Anyone can use FRDR to search for and download data, and researchers can use FRDR as a robust repository option into which large research datasets can be ingested, curated, processed for preservation, discovered, cited, and shared.

Lunaris

Connect

Allowable Uses:
Access is available to everyone, anywhere.

Report a Problem

User Type:
Public - Open Access

Database Type:
Statistics & Data

Subjects:
General and Multi-disciplinary

Description:
Lunaris is a scalable, national research data discovery service provided by the Digital Research Alliance of Canada as one of its core Research Data Management services, offering text-based and map search capabilities. The bilingual Lunaris platform provides a single point of search for Canada's multidisciplinary research data held in a variety of repositories

Borealis

Connect

Alternative Title: Canadian Dataverse Repository | Dépôt Dataverse canadien | Scholars Portal Dataverse

Allowable Uses:

Access is available to everyone, anywhere.

Description:

Borealis, the Canadian Dataverse Repository, is a bilingual, multi-disciplinary, secure, Canadian research data repository, supported by academic libraries and research institutions across Canada. Borealis supports open discovery, management, sharing, and preservation of Canadian research data.

Borealis is available to researchers who are affiliated with a participating Canadian university or research organization and their

Help:

Guide to Borealis (Scholars Port

Report a Problem

User Type:

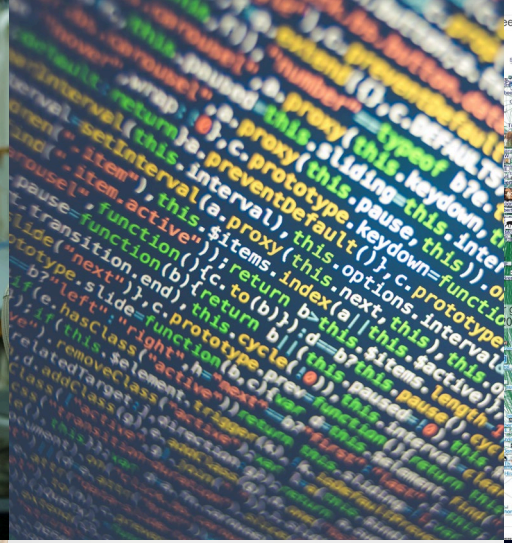
Public - Open Access

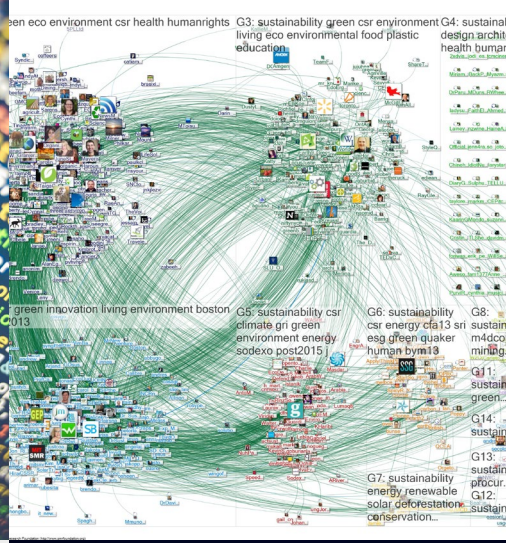
Database Type:

Statistics & Data

Subjects:

General and Multi-disciplinary




green eco environment csr health humanrights
G3: sustainability green csr environment living eco environmental food plastic education
G4: sustainat design archit health humar
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G8: sustain m4dco mining
G11: sustain green
G14: sustain
G13: sustain procur
G12: sustain
G7: sustainability energy renewable solar deforestation conservation...