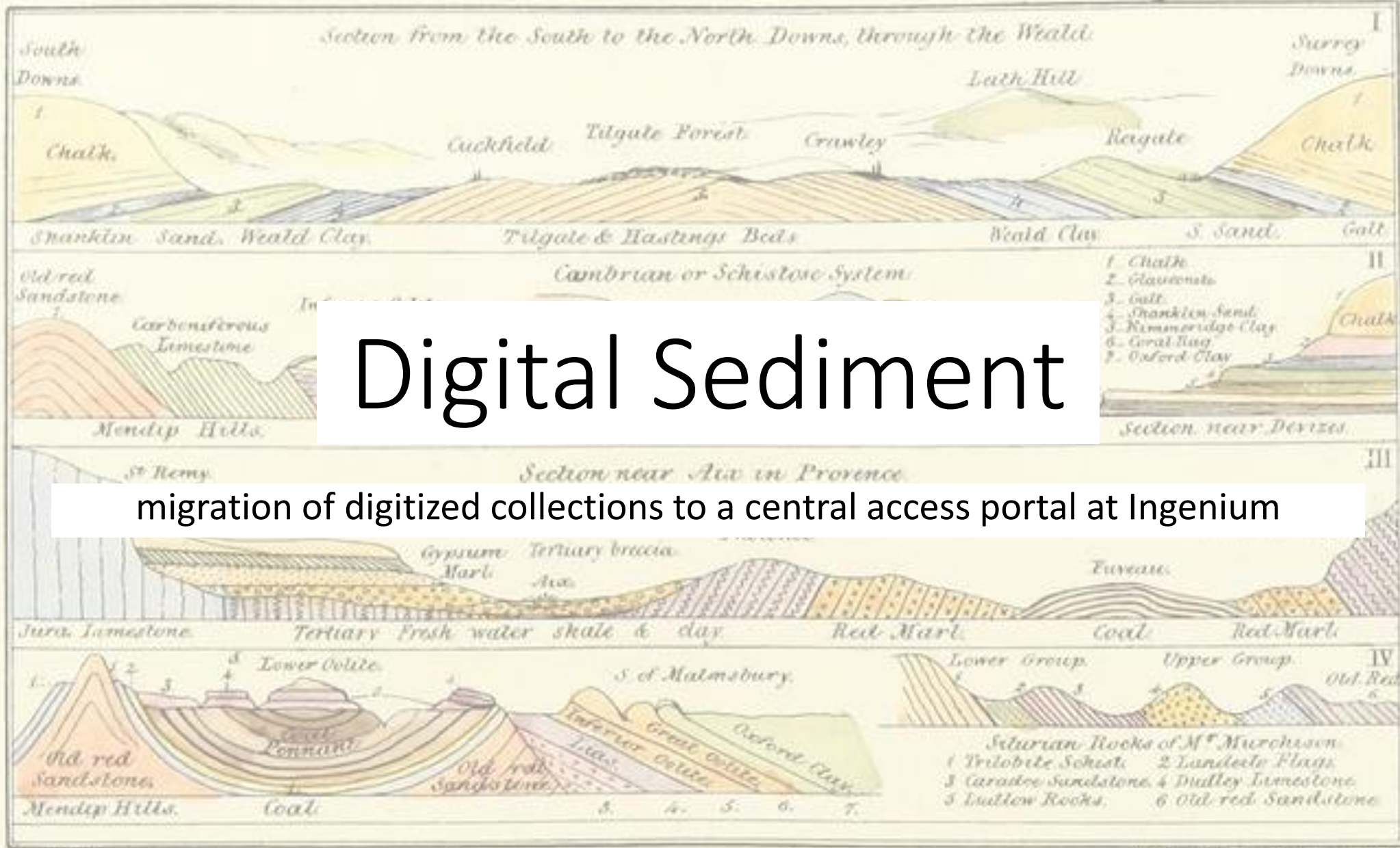




Ingenium

Canada's Museums of Science and Innovation
Musées des sciences et de l'innovation du Canada



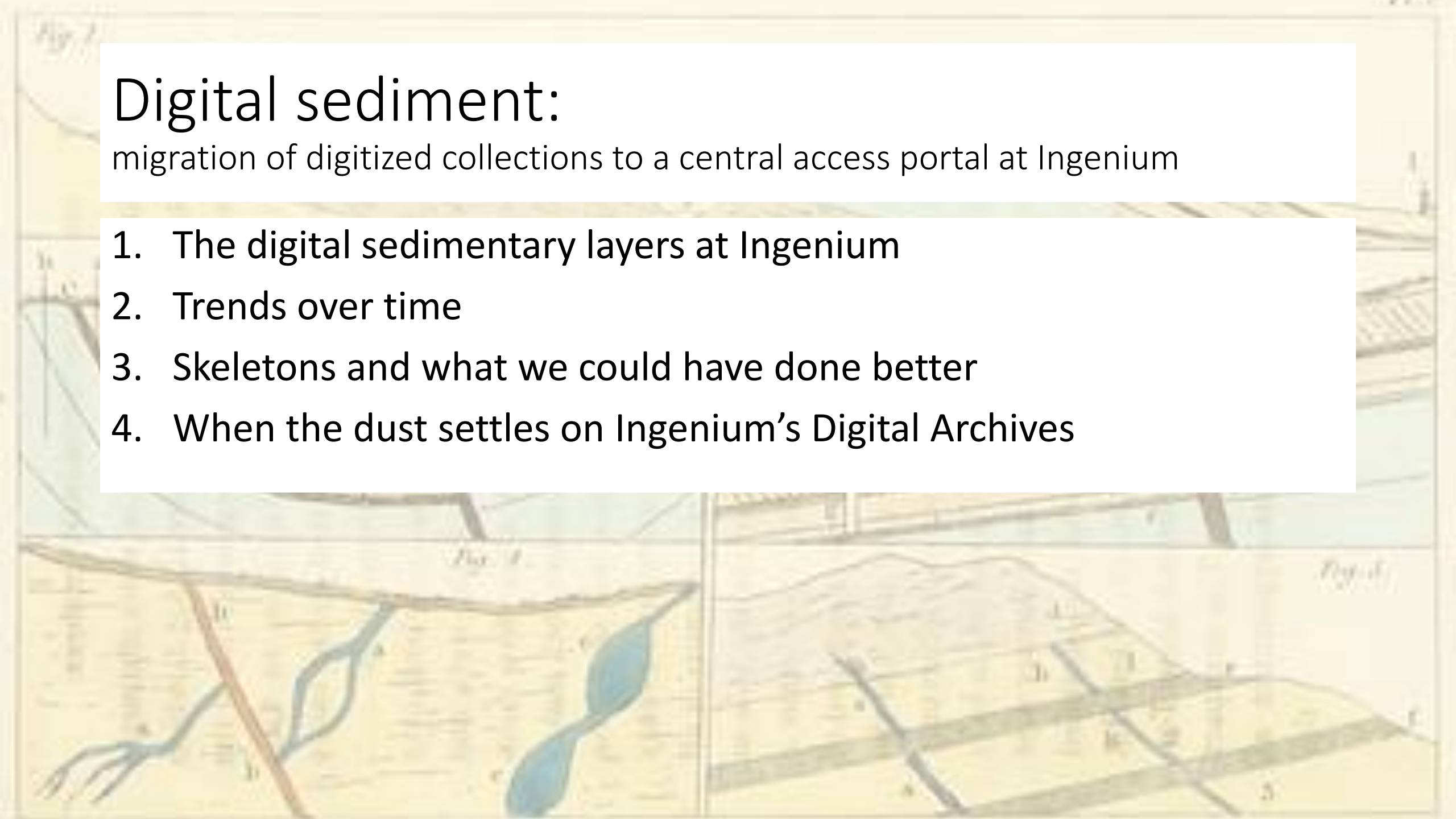
Digital Sediment

migration of digitized collections to a central access portal at Ingenium

Digital sediment:

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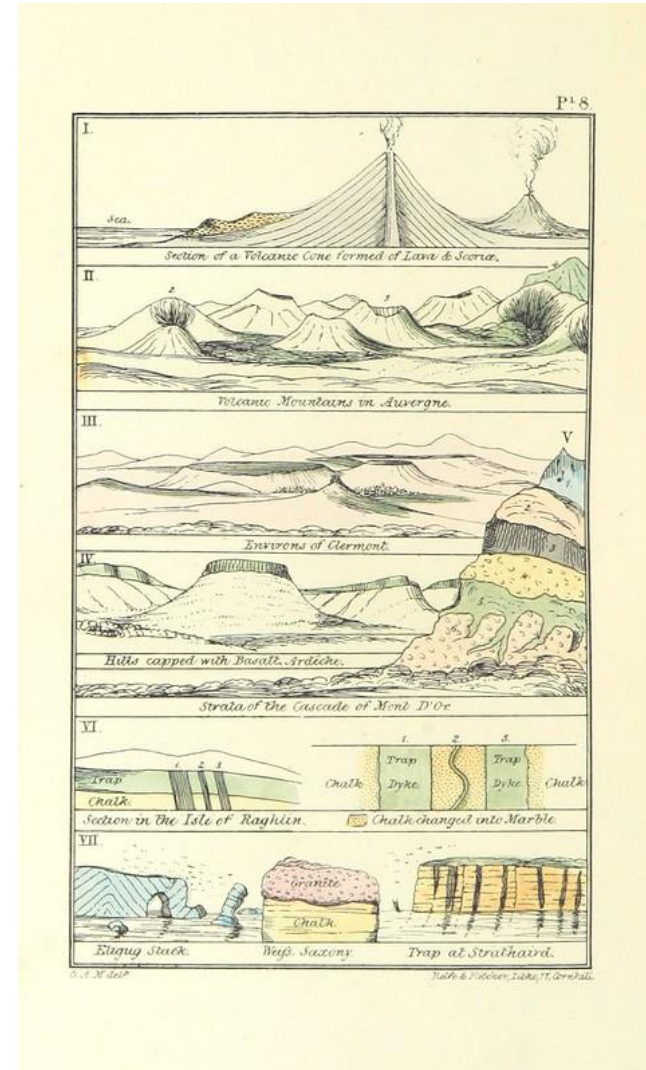
1. The digital sedimentary layers at Ingenium
2. Trends over time
3. Skeletons and what we could have done better
4. When the dust settles on Ingenium's Digital Archives

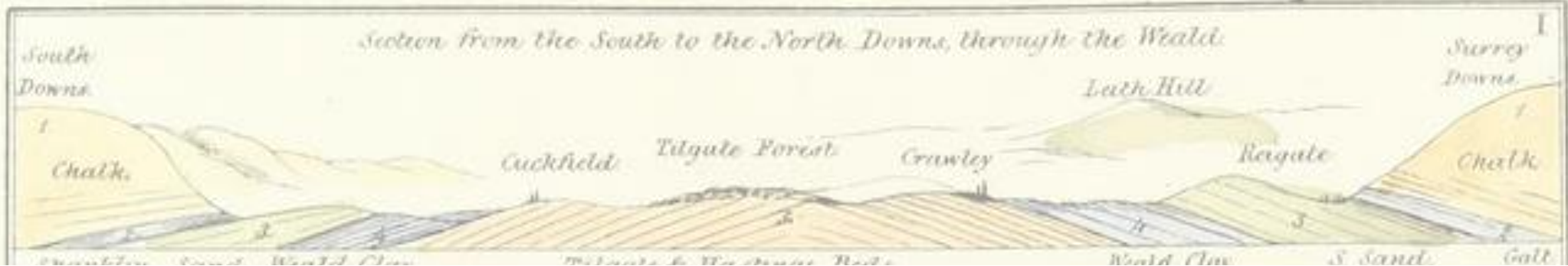


Poll: is there anyone here with a background in geology, archeology, or paleontology?

Survey answers:

- a) Geology
- b) Archeology
- c) Paleontology
- d) No background





Disclaimer: I have no background in geology, paleontology, or archeology. Any knowledge has been absorbed through pop culture.



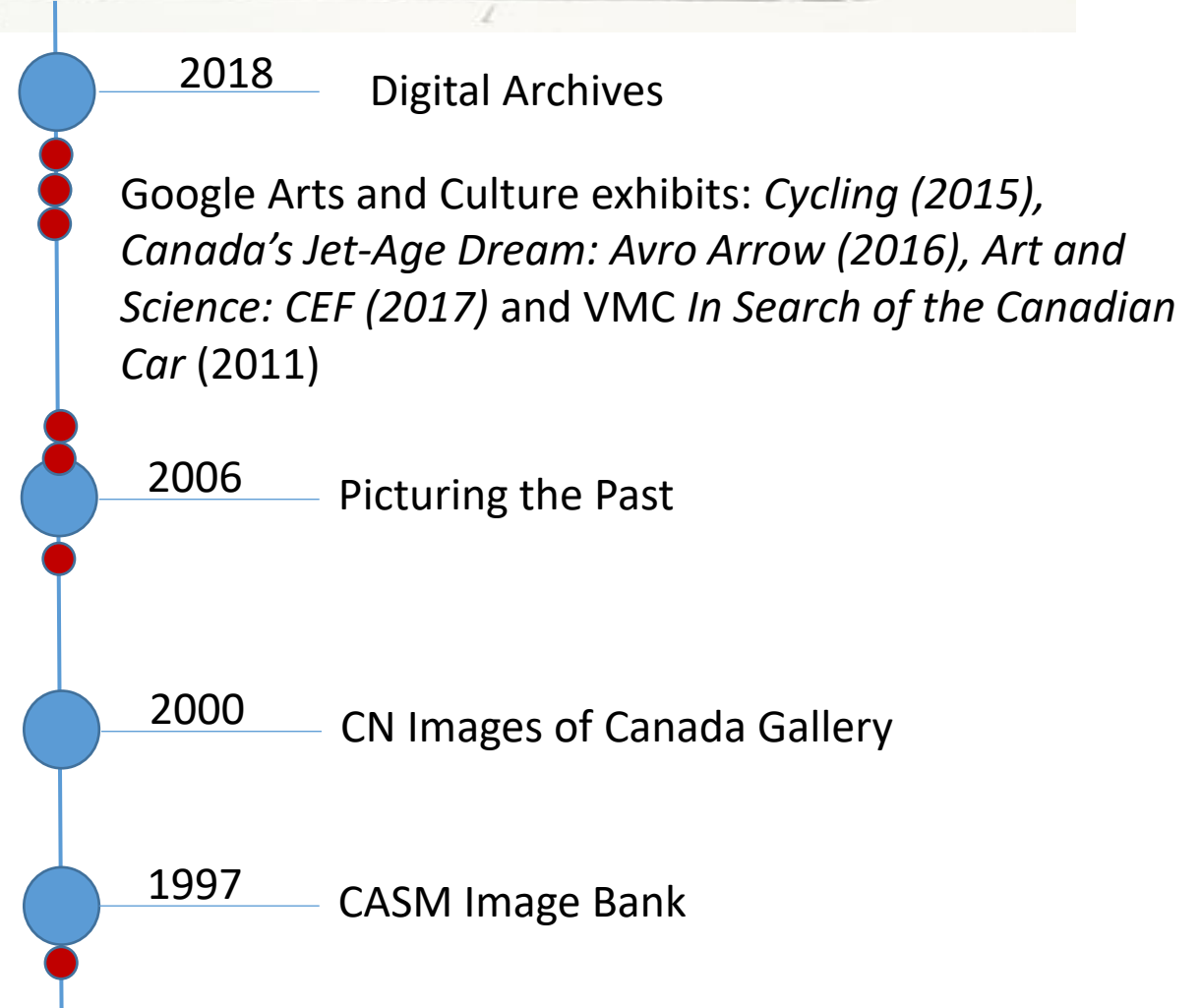
Digital sediment:

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1. The digital sedimentary layers at Ingenium

Exhibits: *Ken Molson: Building a Collection* (2004), *Brushstrokes and Wingtips* (2006), *Canadian Aviation through Time* (2007)

Exhibit: *High Flyers: Canadian Women in Aviation* (1996)

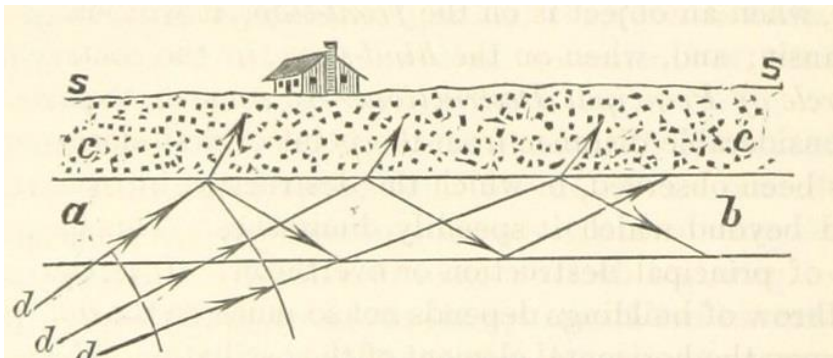


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Digital Archives:

- Unmediated access
- More available



Browse our Collections



Aubrey Mattingly Transportation



CN Images of Canada



Hawker Siddeley fonds



Digital sediment:

migration of digitized collections to a central access portal at Ingenium

Picturing the Past



Digital sediment:

migration of digitized collections to a central access portal at Ingenium

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(Search tips)

Advanced STR Collection Picture Search

Search Fields

Keyword(s)	<input type="text"/>	
From Date (YYYY-MM-DD)	To Date (YYYY-MM-DD)	<input type="text"/>
Location	Manufacturer	<input type="text"/>
Operator	Equipment Number	<input type="text"/>
Model	Builder Number	<input type="text"/>
Contract Number	Class	<input type="text"/>
Boiler Pressure	Tractive Effort	<input type="text"/>
Horsepower	Drivers	<input type="text"/>
Cylinders		<input type="text"/>

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CN Gallery

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Galerie Le Canada vu par le CN



Chemin menant à la plage, Trois-Pistoles (Québec)

Trois Pistoles, Québec, Canada
1940

Photographe : anonyme

Sujet : Routes / Plages

N° d'image : CN009041

SMSTC/Collection CN

PLEINE GRANDEUR

+ PARTAGER

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CASM Image Bank

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Image Bank

Welcome to the Canada Aviation and Space Museum's Image Bank, a collection of digitized images of aircraft, people, and places, dating from the early twentieth century up to the present day. Over 15,000 images of various aircraft types used in a variety of functions, both Canadian and foreign, are available for browsing.



To search by manufacturer please use the [Manufacturers List](#).

Search the Image Bank

Search Type	Search Terms
Negative number:	<input type="text"/>
Registration:	<input type="text"/>
Aircraft name:	<input type="text"/>
Period of operation:	<input type="text" value="..."/>
Number of images per page	<input type="text" value="10"/>
<input type="button" value="Search"/>	<input type="button" value="Reset"/>



Image Information

Image ID: 10019

Detail Information

Model: [Hoffar 1](#)
Manufacturer: [Hoffar](#) [\[LIST\]](#)
Registration: N/A

Service Information

Period: [Pioneer Era](#)

Objects, Persons and Events

Named person(s): N/A
Event: N/A



Poll questions:

Did your institution receive funding through these programs?

- 1) Canadian Culture Online Programme – Canadian Memory Fund
- 2) Canadian Culture Online Programme – Virtual Museum of Canada
- 3) Industry Canada SchoolNet Digital Collections

If so, are the sites they funded still online?

- 1) Yes
- 2) No

Digital sediment:

migration of digitized collections to a central access portal at Ingenium

2. The digital sedimentary layers at Ingenium: what trends did we find in the dirt?

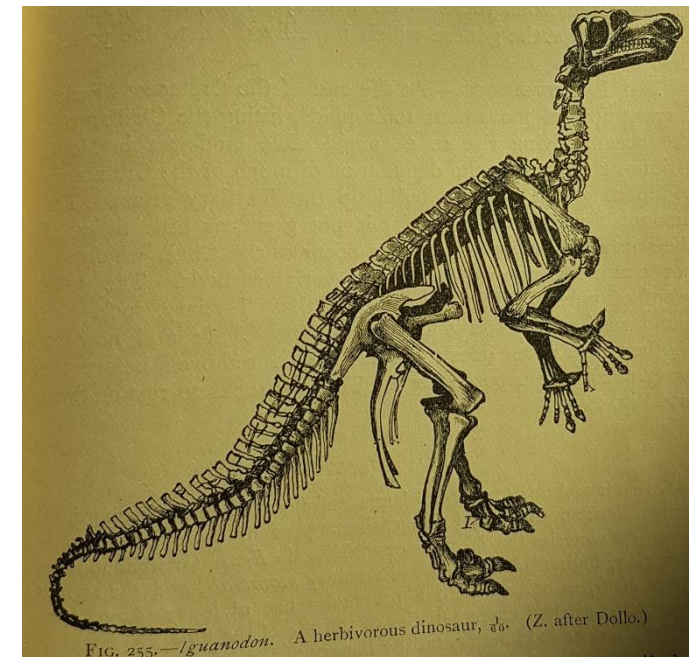
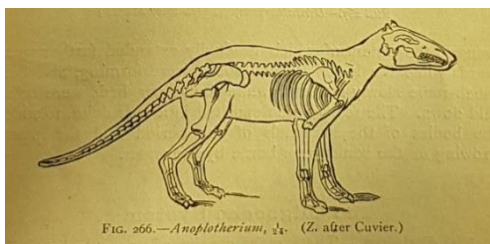
- Sites still alive, but fixed in time
- Why did each get stuck?
 - Project-based to ongoing program
 - What's next?
 - Technological obsolescence
- Collection access tools vs mediated access? 1.5/3
- Metadata profile adapted to each collection and each digitization project
- Digitization projects can add or modify collections metadata, layers on

Digital sediment:

migration of digitized collections to a central access portal at Ingenium

3. The digital sedimentary layers at Ingenium: what skeletons did we find in the dirt?

- No rights statements, sometimes creators are identified
- What are we describing? Photograph or subject of photograph?
- Metadata not mapped to descriptive standards
 - Language of metadata – according to standard
- Indigenous content made available
 - To represent the diversity of the country à la CCOP?
 - Internet access as equal access



Digital sediment:

migration of digitized collections to a central access portal at Ingenium

Revised CN
Gallery
catalogue record
for Indigenous
content

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CN Images of Canada Gallery



Full Size

Ojibwa man carrying wooden box on his shoulders, while walking through cleared bush in Northern Ontario.
Original caption: "Nipigon Ontario - Indian packer"
Nipigon, Ontario, Canada
[n.d.]
Photographer: unknown
Subject: Indians of North America -- Ontario / Ojibwa Indians / Forests and forestry
Image No.: CN005676
CSTMC/CN Collection

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Digital sediment:

migration of digitized collections to a central access portal at Ingenium



4. Digital Archives in the dirt:

- Did not escape a universalist point of view at first – internet access as equal access
 - take down Indigenous content or leave up?

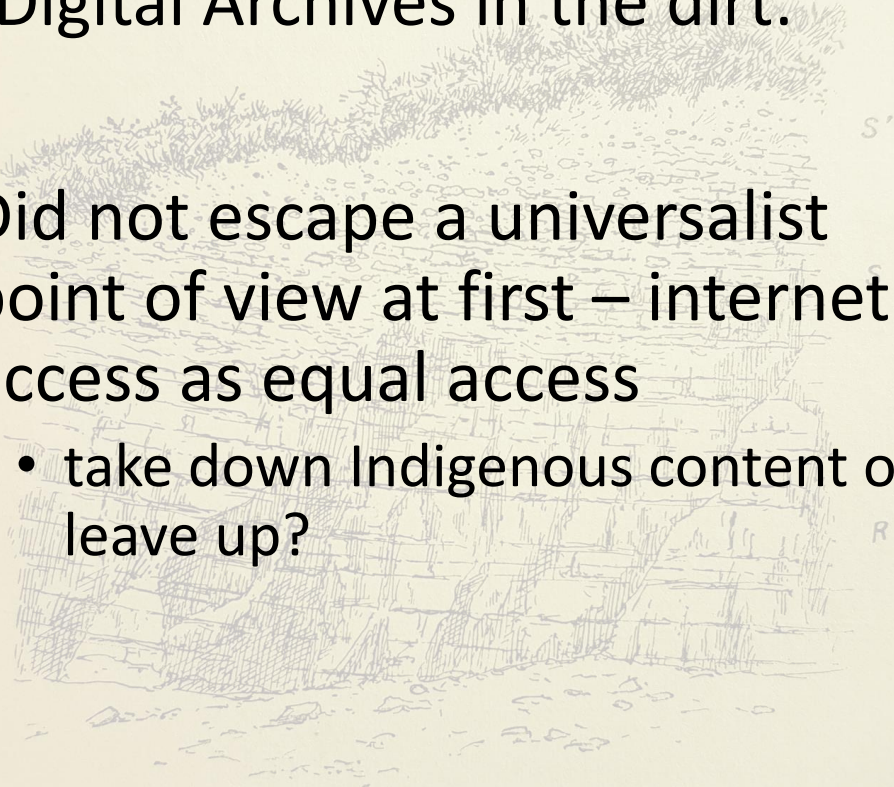


FIG. 28.—Conversion of rock (R) into subsoil (S) and soil (S'), near Welshpool.
(Drawn from a photograph.)

“Indigenous content – Some collections previously published in Digital Archives may have Indigenous content....Our current practice is to consult and seek consent of Indigenous communities, where identifiable, prior to publishing or republishing images with Indigenous content.”

Digital sediment:

migration of digitized collections to a central access portal at Ingenium

4. Digital Archives in the dirt:

- Did not escape a universalist point of view at first – internet access as equal access
 - take down Indigenous content or leave up?
- Unmediated access
 - Participatory cataloguing/shared authority
- Rights research
- Descriptions to RAD standards – but what are we describing?
- New content appearing regularly

Digital sediment:

migration of digitized collections to a central access portal at Ingenium

Digital Archives in the dirt:

- New content appearing regularly
- Stuck in time?
- Curated content eventually?

FIG. 28.—Conversion of rock (R) into subsoil (S) and soil (S'), near Welshpool.
(Drawn from a photograph.)

Ingenium digital archives

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Filters 500 Search result(s)

Collection Name

- ☒ CN Images of Canada Collection (29481)
- ☒ Science and Technology Railway Collection (15076)
- ☒ Aubrey Mattingly Transportation Collection (7964)
- ☒ Hawker Siddeley fonds (7897)
- ☒ CAVM Photograph Collection (7413)
- ☒ Ken Molson Fonds (2147)
- ☒ Hudson Strait Expedition Fonds (1635)
- ☒ National Museum of Science and Technology Photograph series (976)
- ☒ Trade Literature Collection (79)

Subject

- ☒ Locomotive à vapeur (15085)
- ☒ Railway Transport (15066)
- ☒ Steam locomotive (14454)
- ☒ Transport ferroviaire (14396)
- ☒ Force motrice (11918)
- ☒ Motive Power (11918)
- ☒ Canadian Pacific Railway Co. (2263)

St. Sauveur, Que. - skiing (Marquis Hill).
ID #: 00205
Subject: Leisure Activities, Mountains, Dans les loisirs, Montagnes
Collection Name: CN Images of Canada Collection
File Type: image

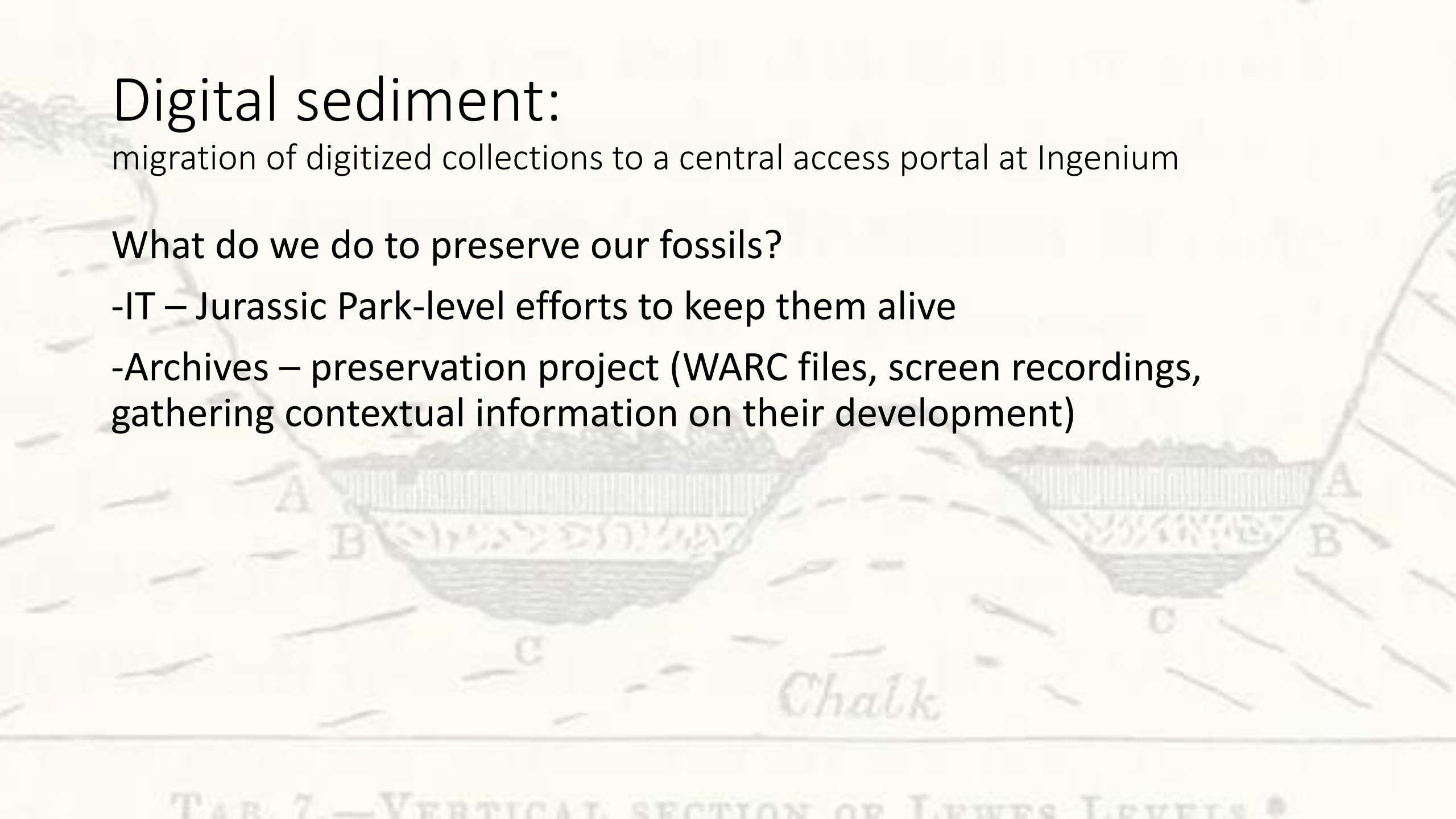
St. Sauveur, Que. - skiing.
ID #: 00206
Subject: Leisure Activities, Dans les loisirs, Montagnes
Collection Name: CN Images of Canada Collection
File Type: image

Digital sediment:

migration of digitized collections to a central access portal at Ingenium

What do we do to preserve our fossils?

- IT – Jurassic Park-level efforts to keep them alive
- Archives – preservation project (WARC files, screen recordings, gathering contextual information on their development)



TAB. 7.—VERTICAL SECTION OF LEWIS LEVELS.

Digital sediment:

migration of digitized collections to a central access portal at Ingenium

Thank you for digging with me!

Illustration credits:

CSTM Library, Rare Books

Marvels of Geology and Physical Geography, 1890.

British Library, Flickr

Text-Book of Geology, 1882; An Introduction to Geology..., 1812;

The Wonders of Geology..., 1839; Elements of Geology..., 1878

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