The Digital Quarry Project: bringing Dinosaur National Monument's Carnegie Quarry online for researchers, interpreters and the public

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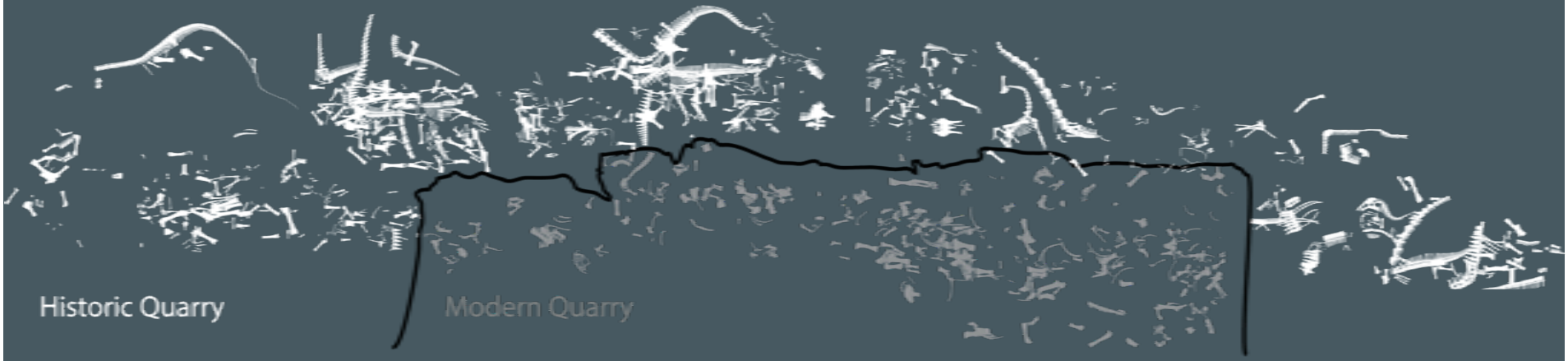
Elliott Smith, Dan Chure

CarnegieQuarry.com

Where is the Carnegie Quarry?

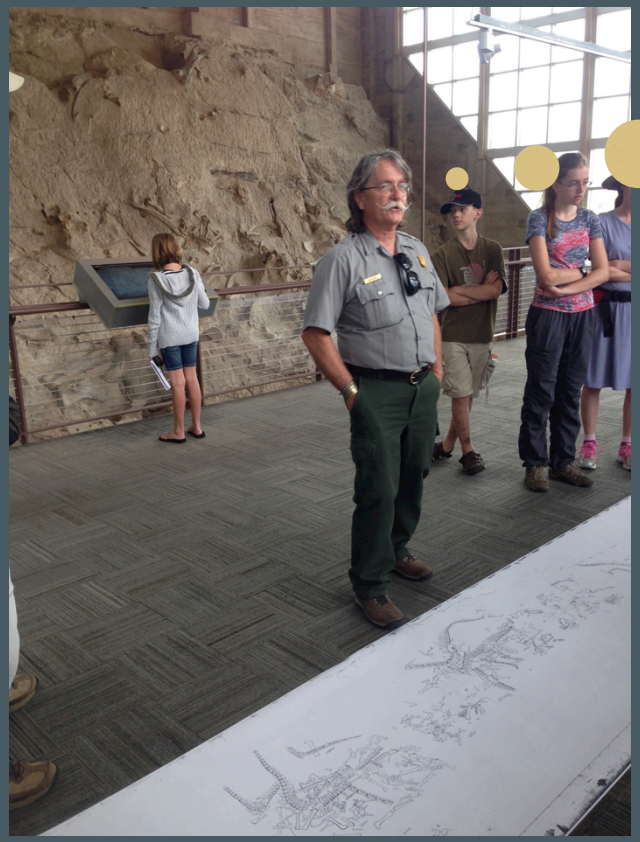
DINOSAUR
NATIONAL MONUMENT
ESTABLISHED ♦ 1915

What is the Carnegie Quarry?



What is the Carnegie Quarry?

The Digital Quarry Idea



What if we made this thing digital?

Dan Chure- DINO Paleontologist

What has it taken to get to this point?

2014 GIPs

Digitizing Historic Records

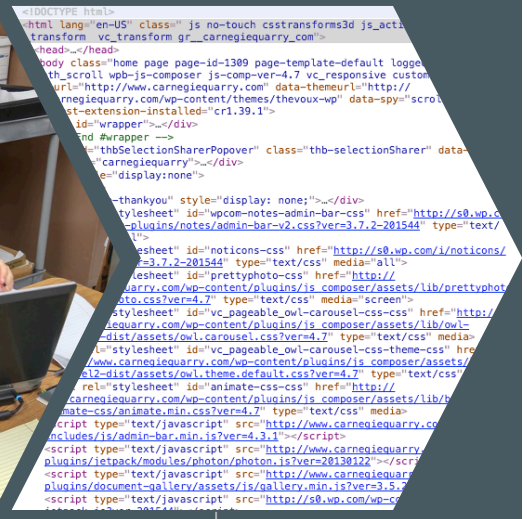
Mapping Modern Quarry

2014 GIPs

2015 GIPs

Digitizing Historic Records

Building a Website



2015 GIPs

On October 7th, 2015 CarnegieQuarry.com launched for the world to explore...

Carnegie Quarry
THE DIGITAL QUARRY PROJECT

The Wall of Bones

at Dinosaur National Monument

Carnegie Quarry is the Jurassic dinosaur fossil bed at Dinosaur National Monument. Often called "the wall of bones," the quarry includes roughly 1500 fossils that are preserved in the Quarry Exhibit Hall on the Utah side of the park.

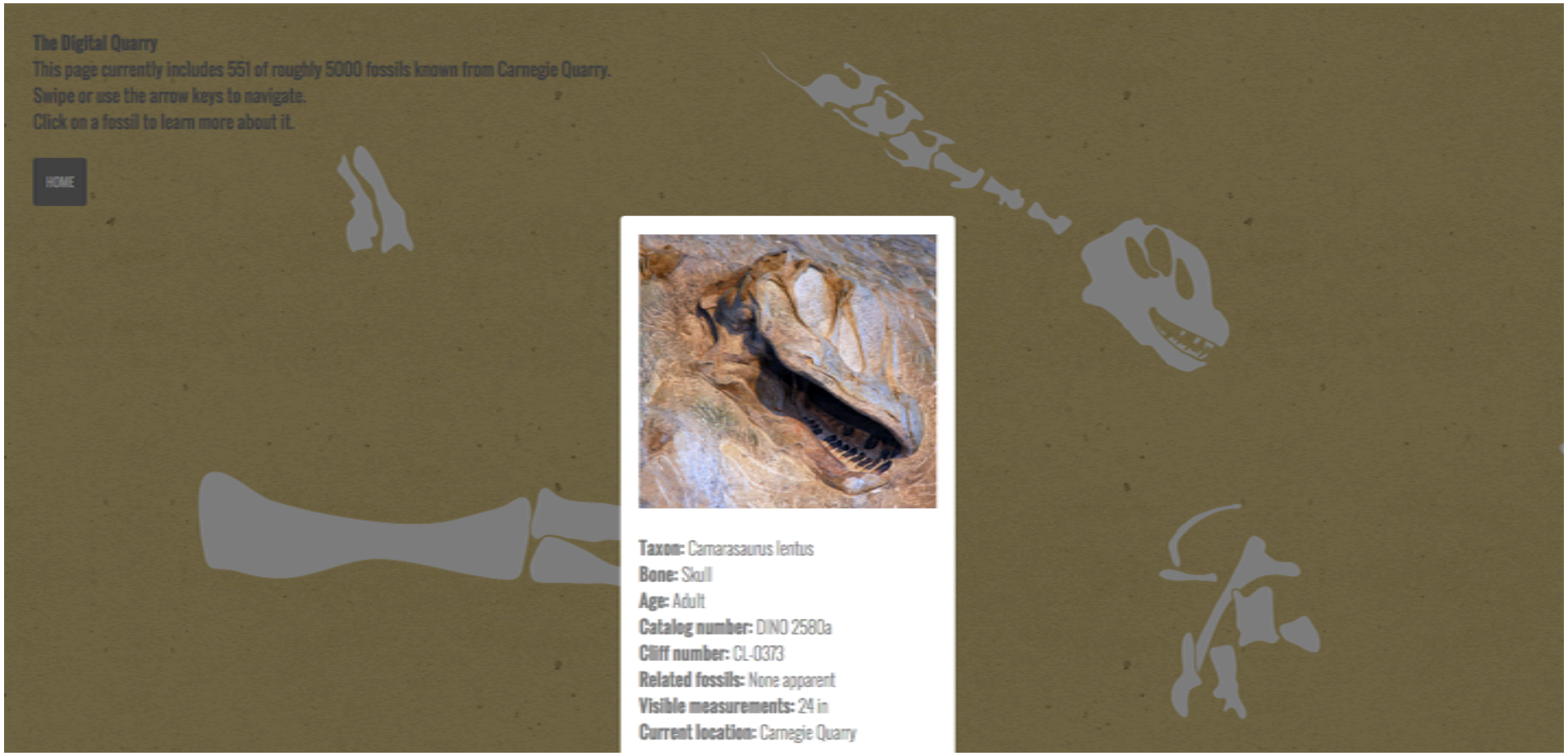
The Digital Quarry

This page currently includes 551 of roughly 5000 fossils known from Carnegie Quarry.

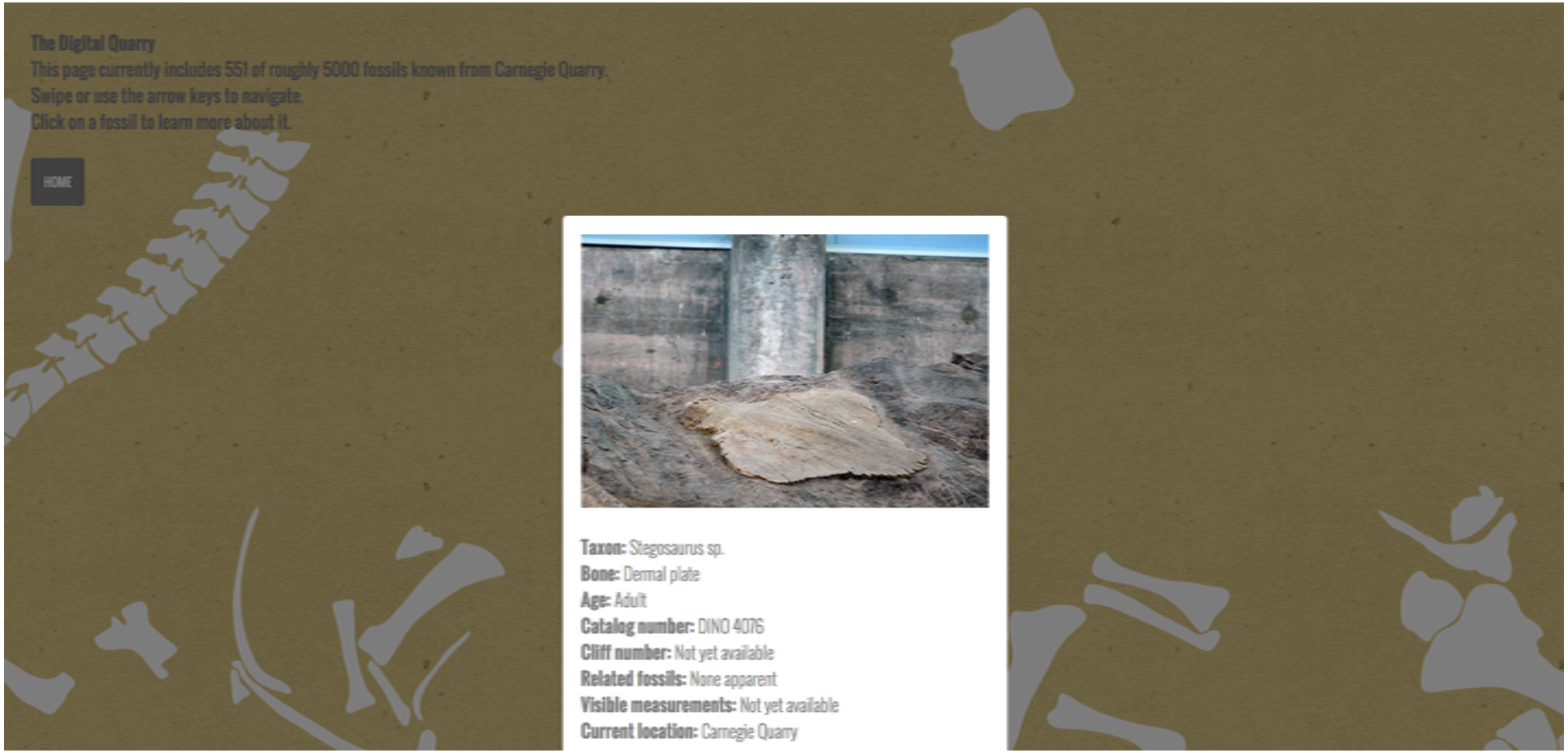
Swipe or use the arrow keys to navigate.

Click on a fossil to learn more about it.

HOME

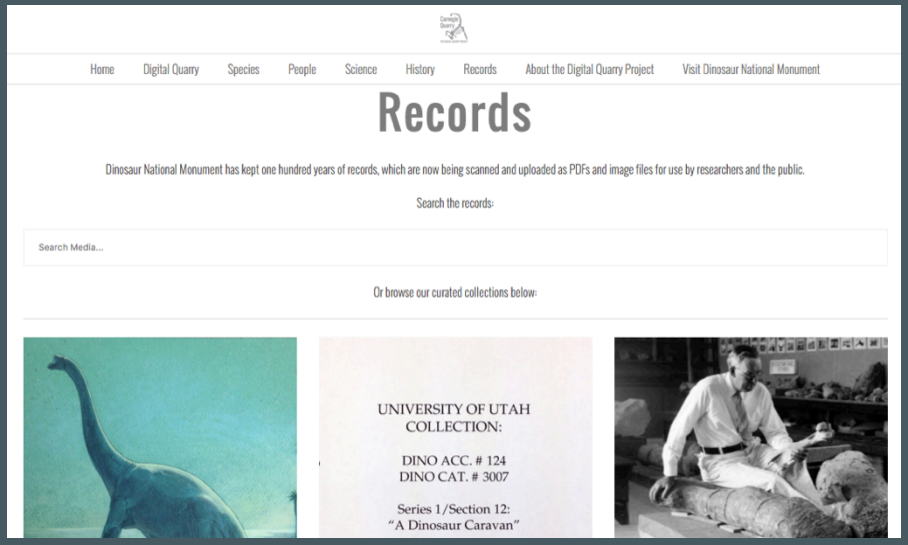

The Digital Quarry
This page currently includes 551 of roughly 5000 fossils known from Carnegie Quarry.
Swipe or use the arrow keys to navigate.
Click on a fossil to learn more about it.
HOME
Taxon: Camarasaurus lentus
Bone: Skull
Age: Adult
Catalog number: DINO 2580a
Cliff number: CL-0373
Related fossils: None apparent
Visible measurements: 24 in
Current location: Carnegie Quarry

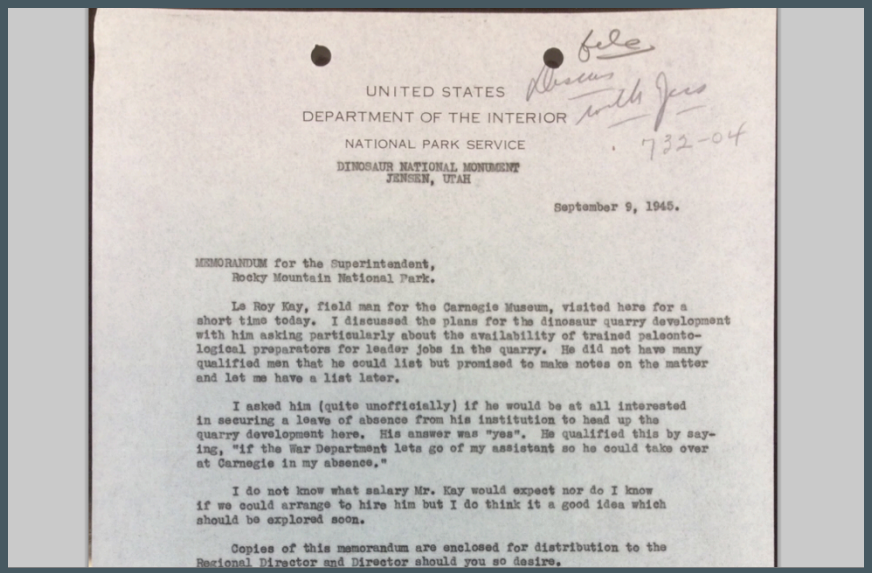
Modern Quarry


The Digital Quarry
This page currently includes 551 of roughly 5000 fossils known from Carnegie Quarry.
Swipe or use the arrow keys to navigate.
Click on a fossil to learn more about it.
HOME
Taxon: Stegosaurus sp.
Bone: Dermal plate
Age: Adult
Catalog number: DINO 4076
Cliff number: Not yet available
Related fossils: None apparent
Visible measurements: Not yet available
Current location: Carnegie Quarry

Modern Quarry

What else can be found at CarnegieQuarry.com?





UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
DINOSAUR NATIONAL MONUMENT
JENSEN, UTAH

September 9, 1945.

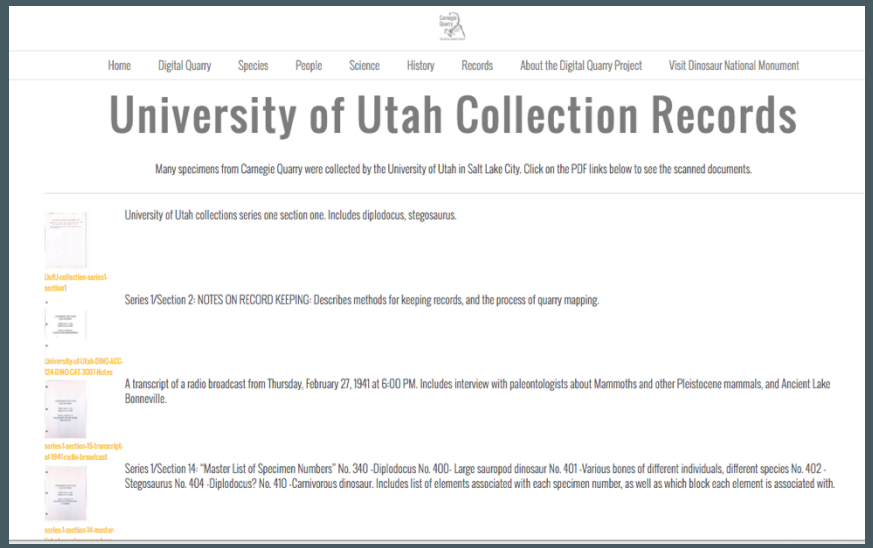
MEMORANDUM for the Superintendent,
Rocky Mountain National Park.

Le Roy Kay, field man for the Carnegie Museum, visited here for a short time today. I discussed the plans for the dinosaur quarry development with him asking particularly about the availability of trained paleontological preparators for leader jobs in the quarry. He did not have many qualified men that he could list but promised to make notes on the matter and let me have a list later.

I asked him (quite unofficially) if he would be at all interested in securing a leave of absence from his institution to head up the quarry development here. His answer was "yes". He qualified this by saying, "if the War Department lets go of my assistant so he could take over at Carnegie in my absence."

I do not know what salary Mr. Kay would expect nor do I know if we could arrange to hire him but I do think it a good idea which should be explored soon.

Copies of this memorandum are enclosed for distribution to the Regional Director and Director should you so desire.



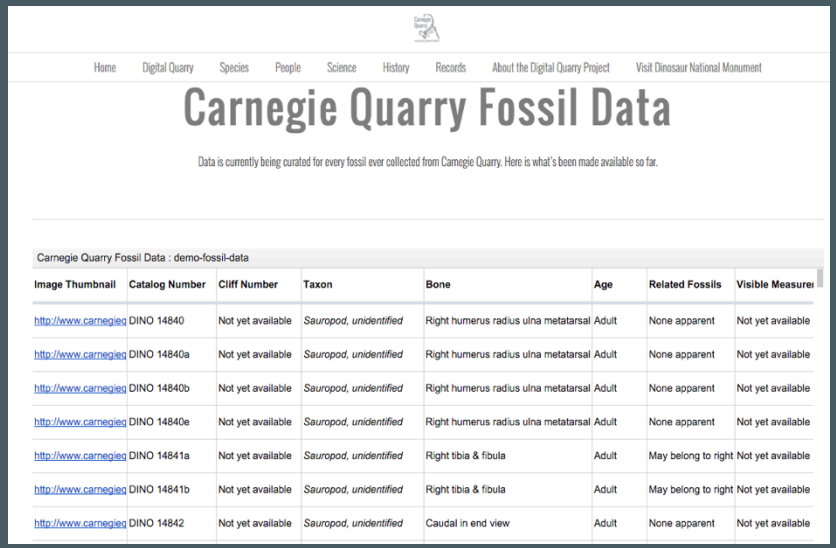
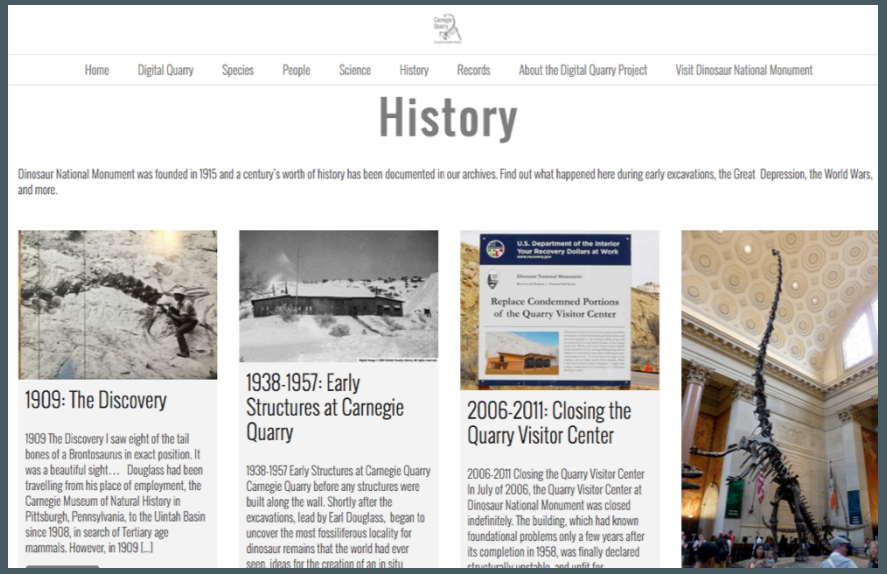
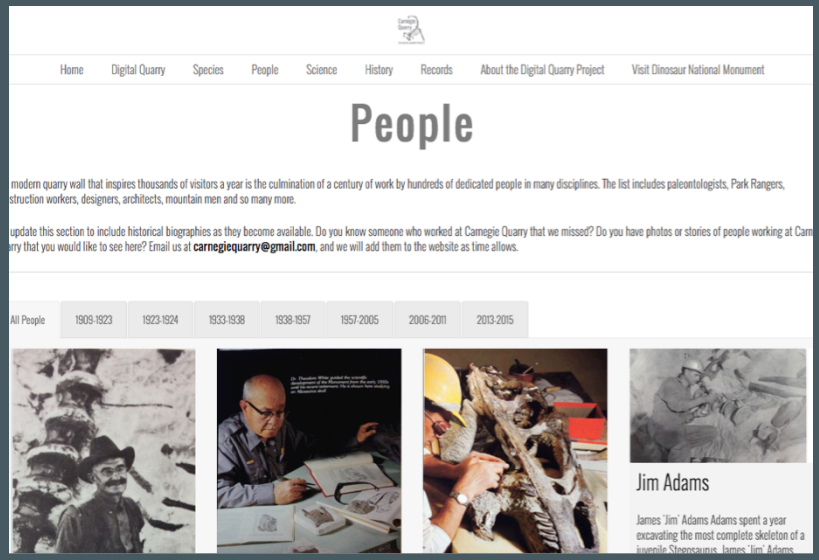


Image Thumbnail	Catalog Number	Cliff Number	Taxon	Bone	Age	Related Fossils	Visible Measurer
http://www.carnegieq	DINO 14840	Not yet available	*Sauropod, unidentified*	Right humerus radius ulna metatarsal	Adult	None apparent	Not yet available
http://www.carnegieq	DINO 14840a	Not yet available	*Sauropod, unidentified*	Right humerus radius ulna metatarsal	Adult	None apparent	Not yet available
http://www.carnegieq	DINO 14840b	Not yet available	*Sauropod, unidentified*	Right humerus radius ulna metatarsal	Adult	None apparent	Not yet available
http://www.carnegieq	DINO 14840e	Not yet available	*Sauropod, unidentified*	Right humerus radius ulna metatarsal	Adult	None apparent	Not yet available
http://www.carnegieq	DINO 14841a	Not yet available	*Sauropod, unidentified*	Right tibia & fibula	Adult	May belong to right	Not yet available
http://www.carnegieq	DINO 14841b	Not yet available	*Sauropod, unidentified*	Right tibia & fibula	Adult	May belong to right	Not yet available
http://www.carnegieq	DINO 14842	Not yet available	*Sauropod, unidentified*	Caudal in end view	Adult	None apparent	Not yet available

What else can be found at CarnegieQuarry.com?





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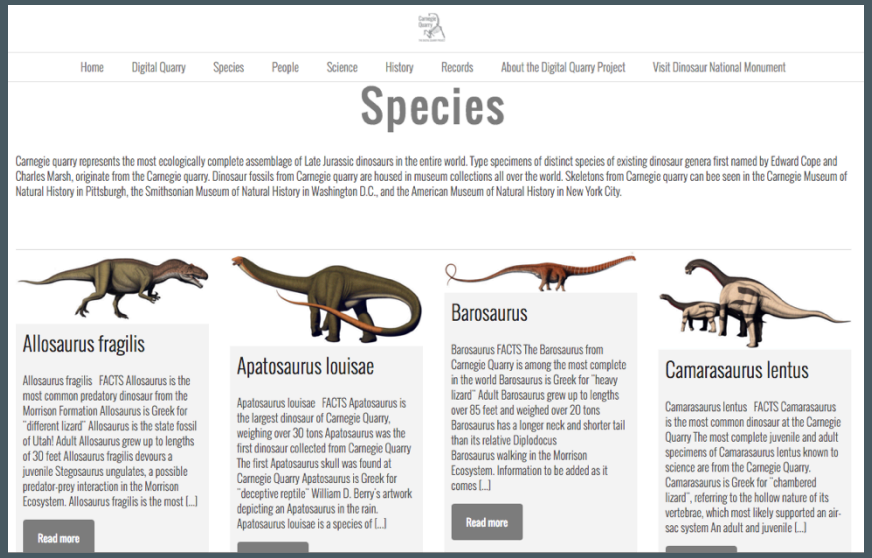

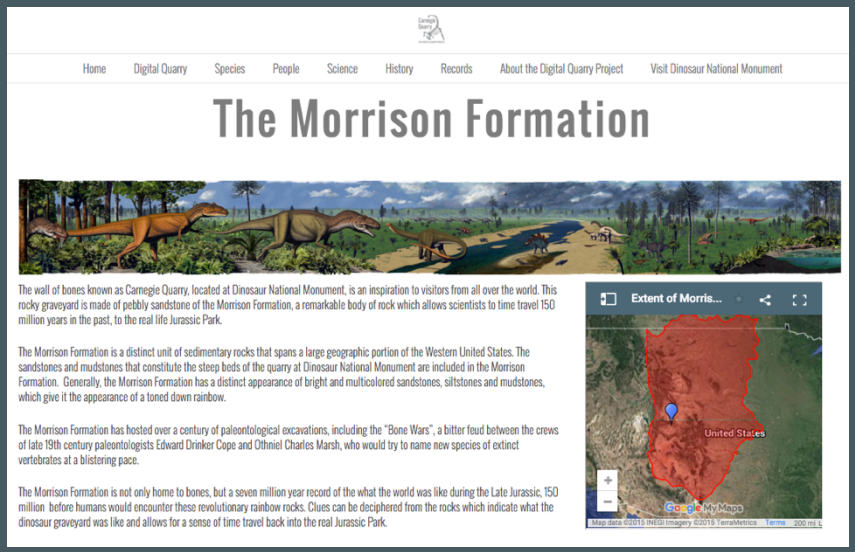

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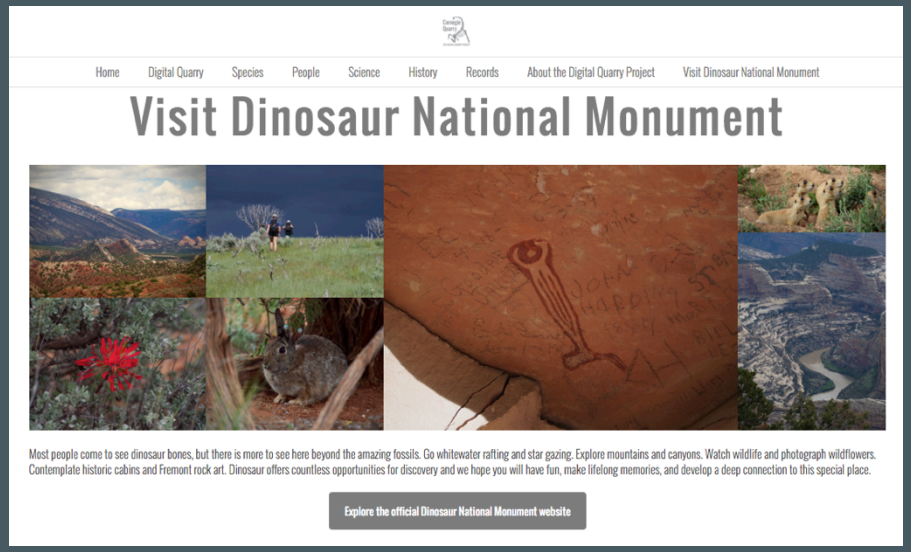
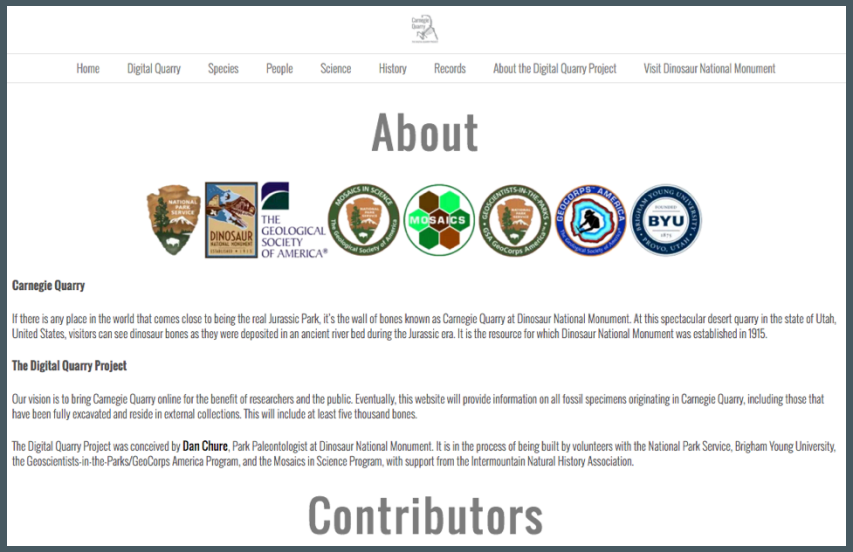
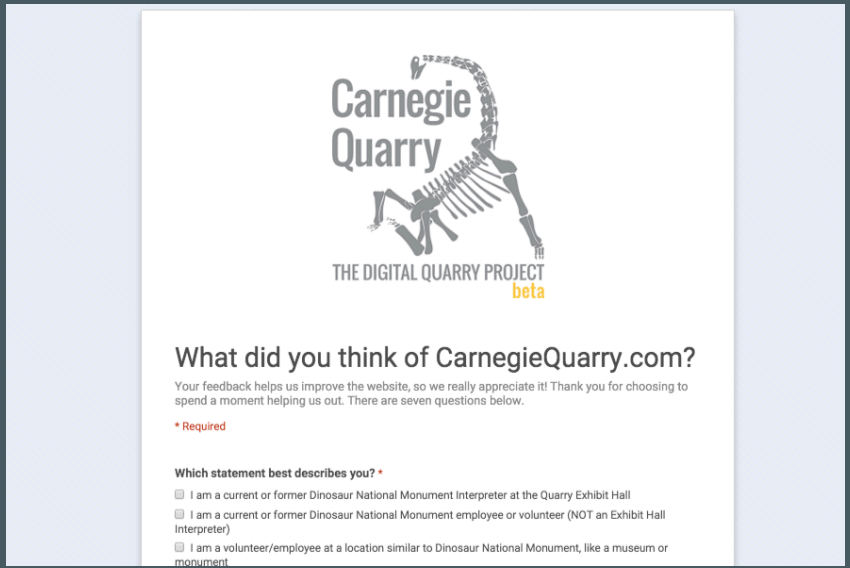
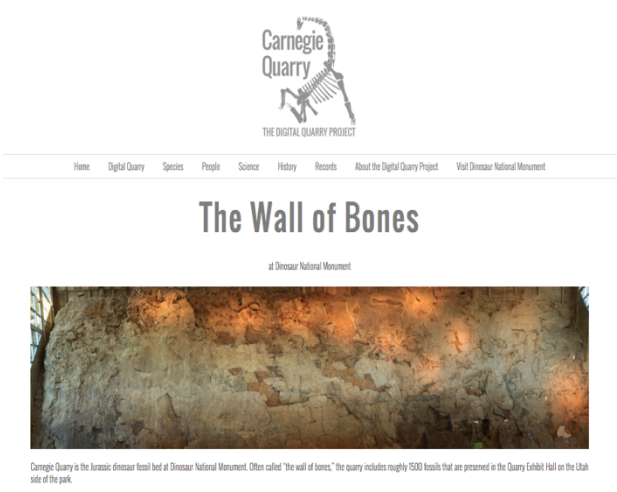
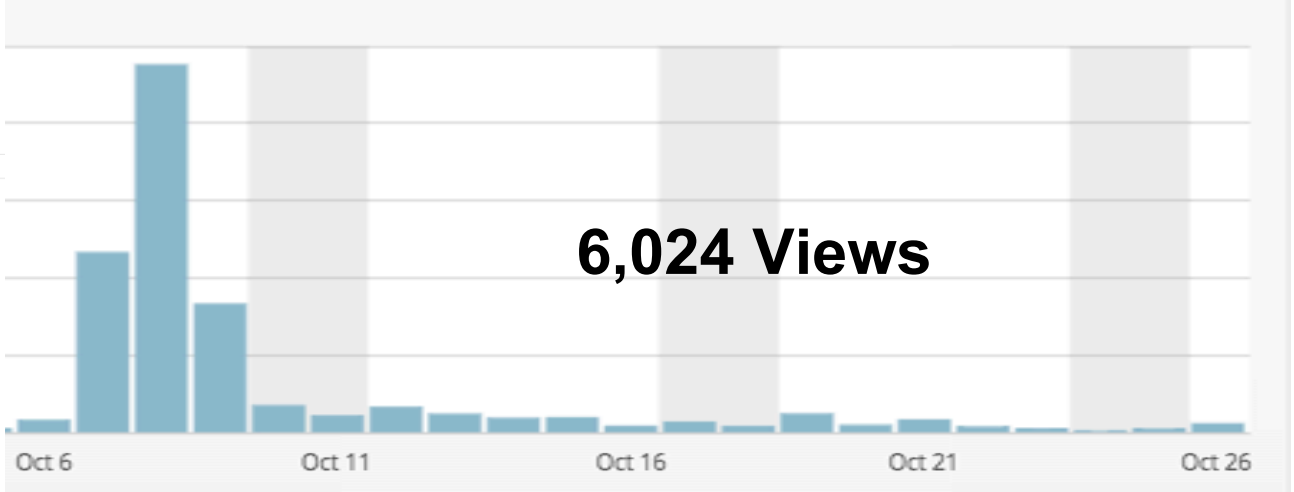






What have people thought so far?





- “This is great! I've thought for a long time that it would be great to have access to a map of the quarry face of some kind with the bones identified! Yes, yes, yes!!! This is good.”
- “This is wonderful, thank you for getting this on-line. I was born in Vernal and as a young man loved spending time at the monument.The "Mr. Goodrich" referred to, I believe, was my great great grandfather, George Albert Goodrich.” - Vernal Local
- “Wow, such a treat to see those images!... first time I've ever seen some of them.” - William Berry’s Son

Digital Quarry Project as a Model

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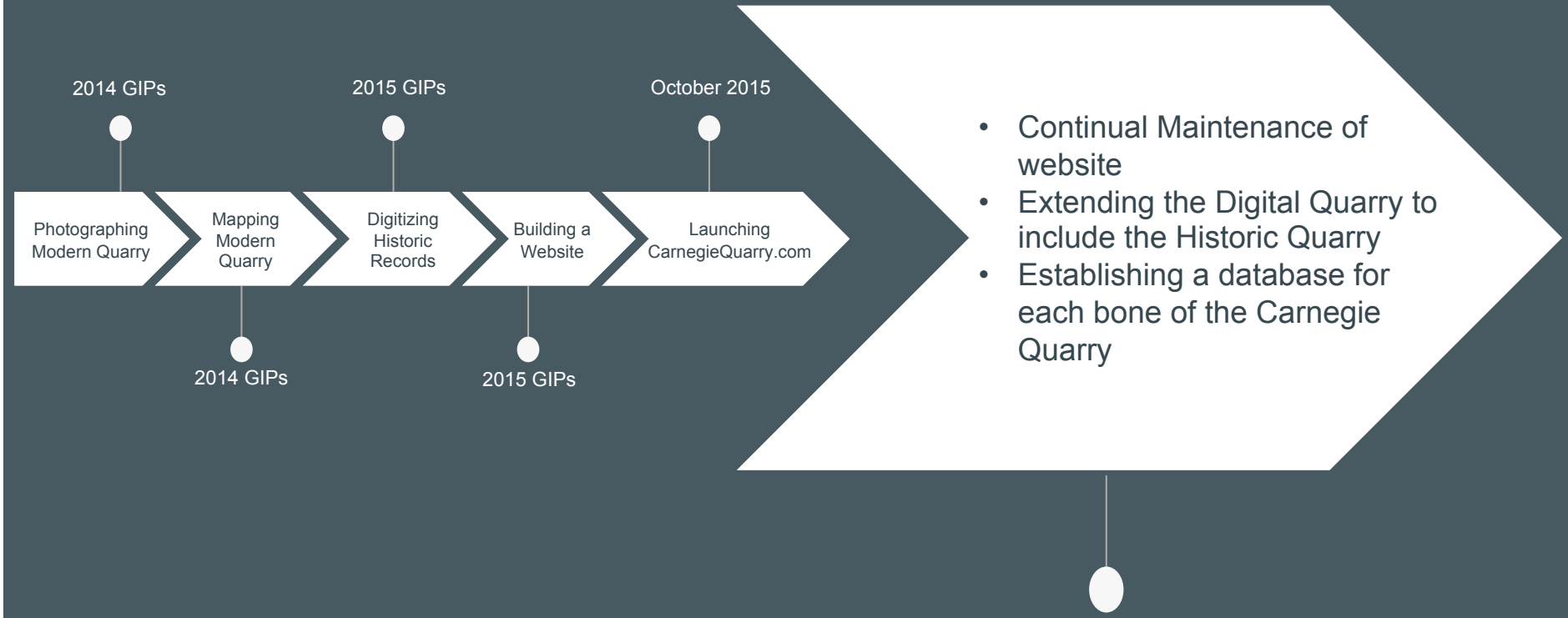
What are the next steps?



Thank You
to all of the partners that made the Digital Quarry Project and CarnegieQuarry.com possible

Carnegie Quarry

THE DIGITAL QUARRY PROJECT

A special thanks to GeoCorps of America and all of the GeoCorps America Fund donors for making these amazing internships available and affordable.