

COLLIN | HNETKA

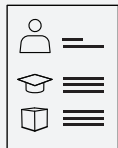
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MASTERS OF  
URBAN PLANNING  
PORTFOLIO

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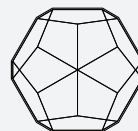
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## RESUME

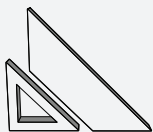
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## STATEMENT OF INTEREST

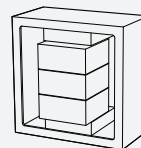
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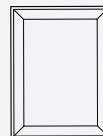
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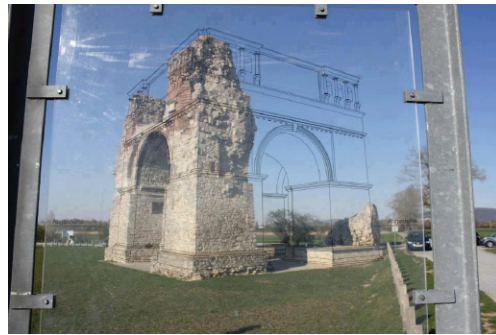
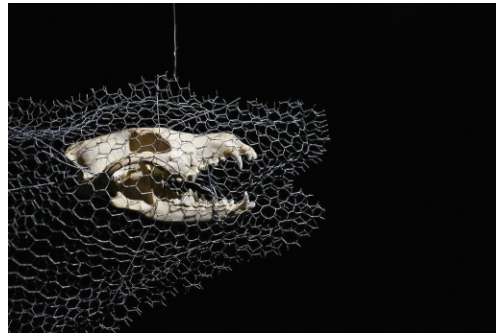
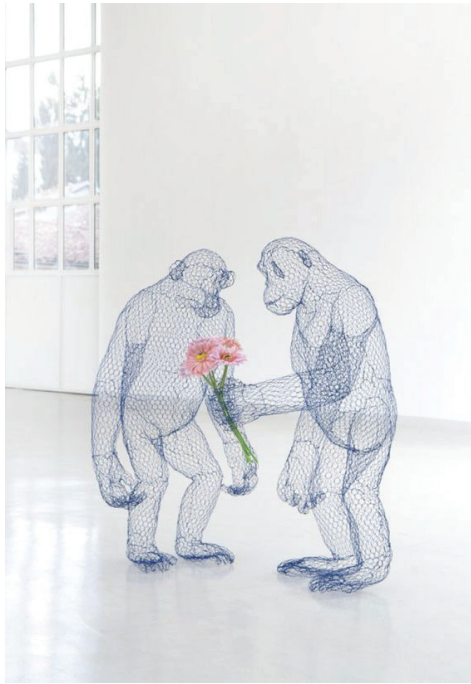
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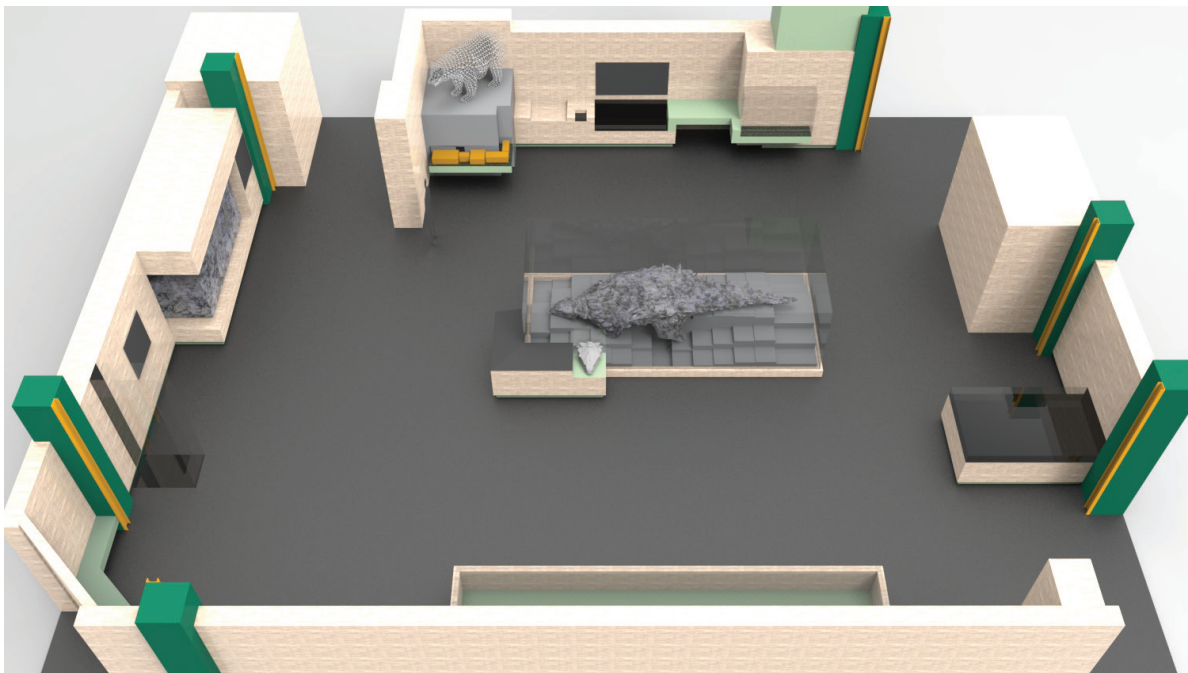
## GROUNDS FOR DISCOVERY

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I was the lead Exhibit Designer for the exhibit Grounds for Discovery at the Royal Tyrrell Museum in Drumheller, Alberta. To push for a stronger engagement with specimens on display, interactives used touch, light and sound. I also implemented lit laser etched silhouettes and 3D sculptures to give context to what visitors were looking at. Graphic Design by Alanna Kho. Sculptures by Jeff de Boer.

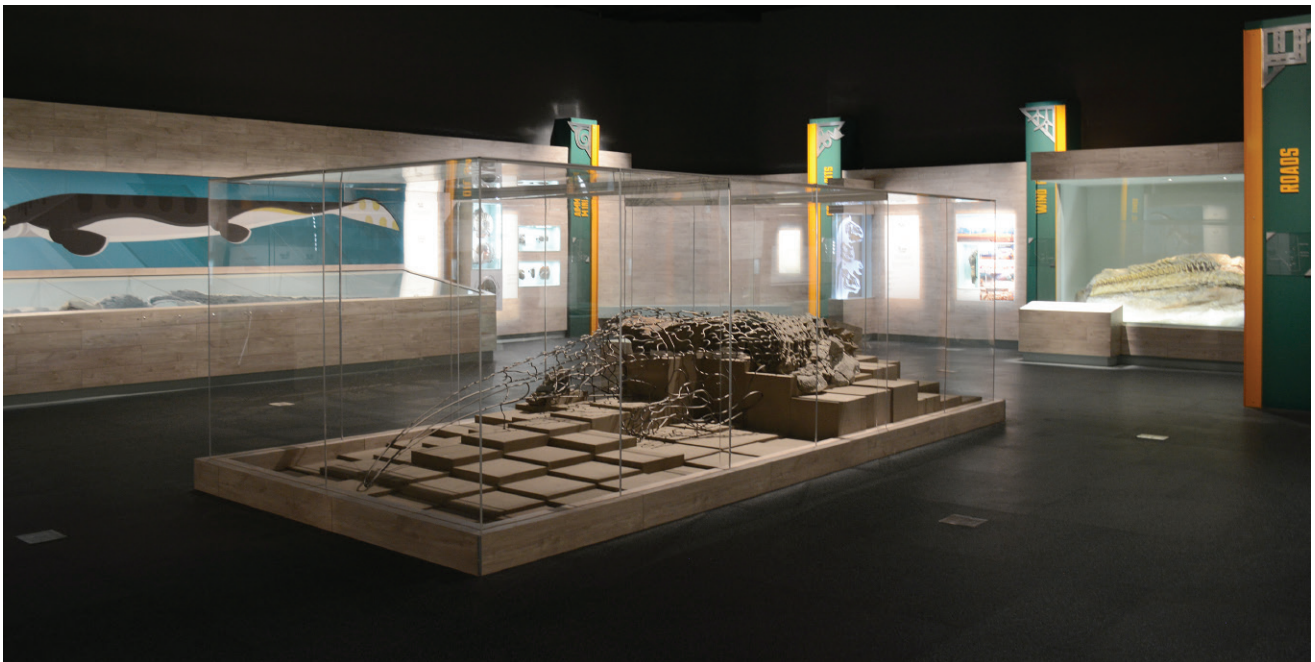


Inspiration



Basic 3D space plan





Metal sculpture fleshing out actual size of dinosaur





Cast replicas are shown inside of the sculpture in contrast to the actual specimens displayed in casework below





The Nodosaur fossil was one of the most extraordinary fossils ever discovered due to the skin texture. A durable replica was created for visitors to feel an actual dinosaur's skin texture.



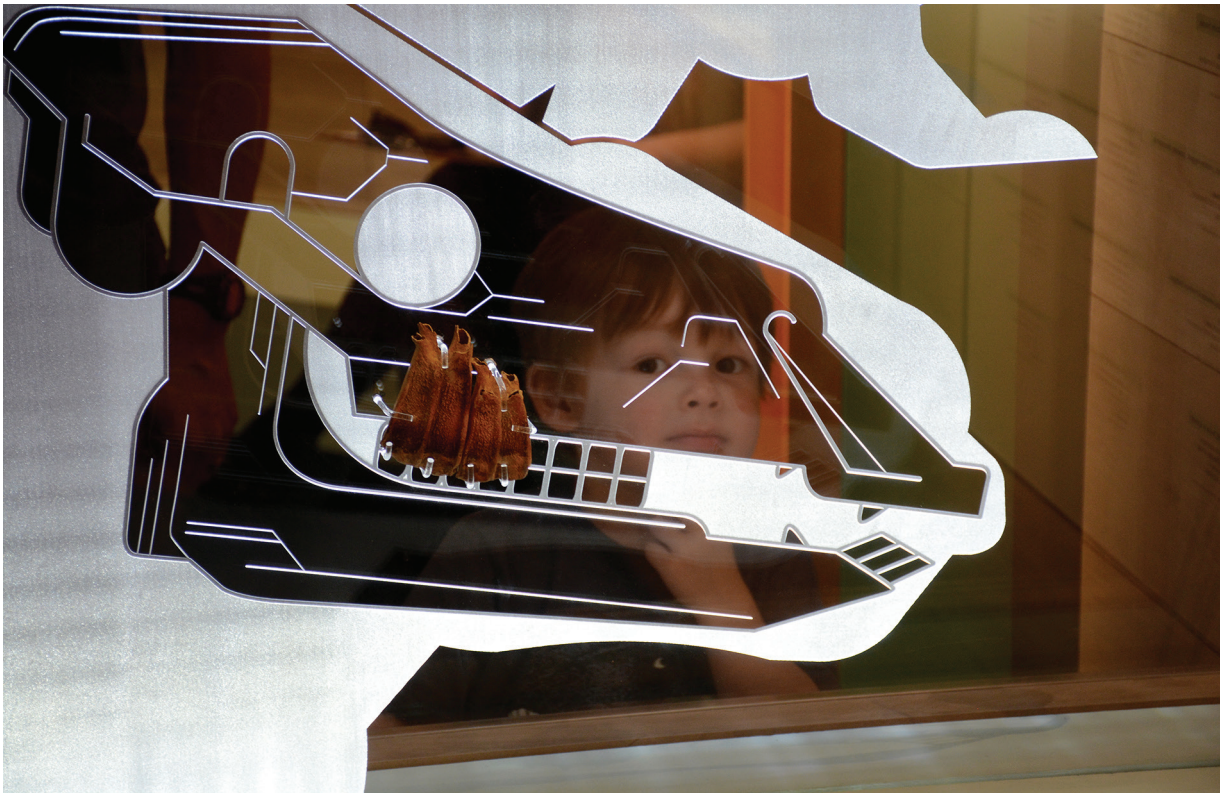
The original inspiration for the ammonite interactive was to engage with light and a magnifier to showcase the shimmer of ammonite fragments which make up the majority of the museums collection GIF can be viewed [HERE](#)





Originally displayed as a trackway block I introduced a sound and lighting interactive. Coloured lights were shown to indicate three separate trackways in order of how they were left along with mud sounds as the trackways were left in a muddy swamp. GIF can be viewed [HERE](#)





Laser etched silhouettes showing the location specimen in the animal





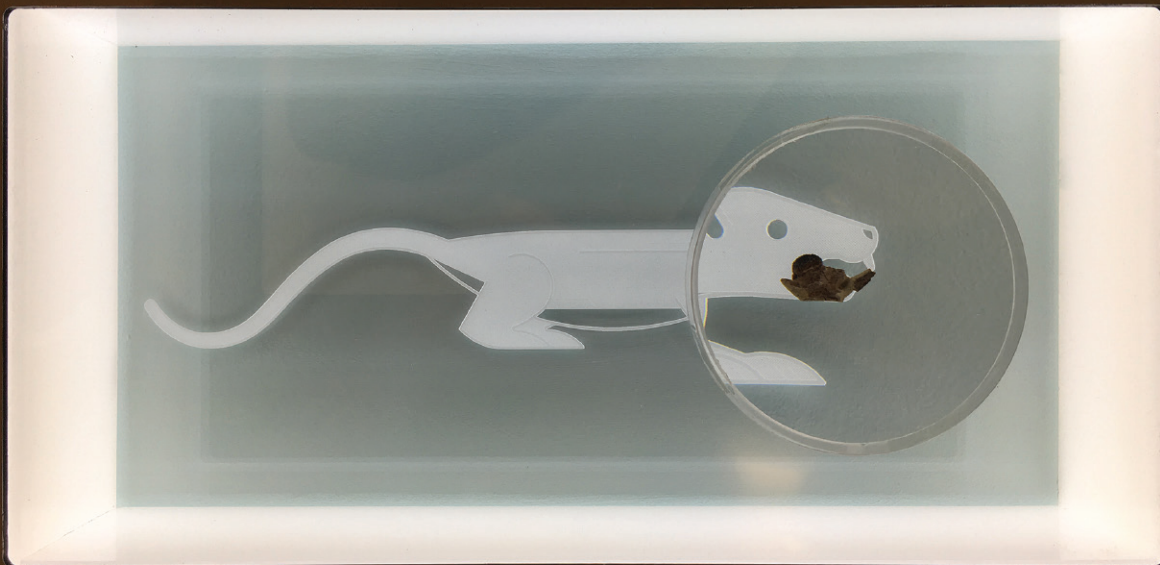
*Ptilodus* sp.

58 MILLION YEARS

Late Palaeocene, Paskapoo Formation  
Near Red Deer, Alberta

ORIGINAL

TMP 2009.101.0596

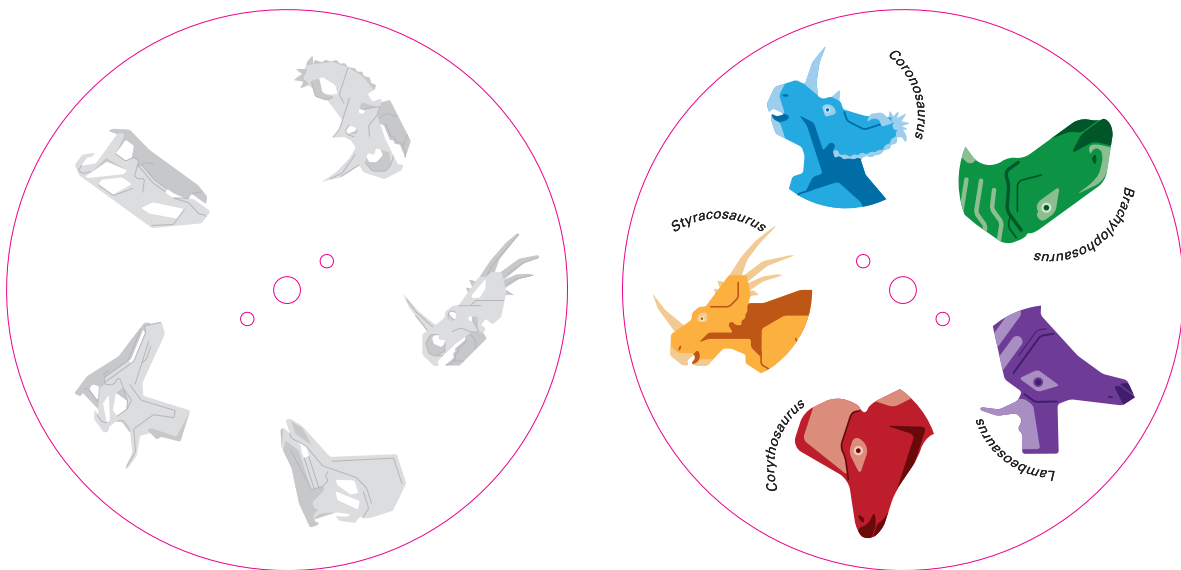


## FOUNDATIONS

Taking advantage of lower exhibit space I designed several children interactives for the Foundations exhibit at the Royal Tyrrell Museum. Illustrations by Alanna Kho.



Spinning knobs to compare ceratopsian skulls to fleshed out

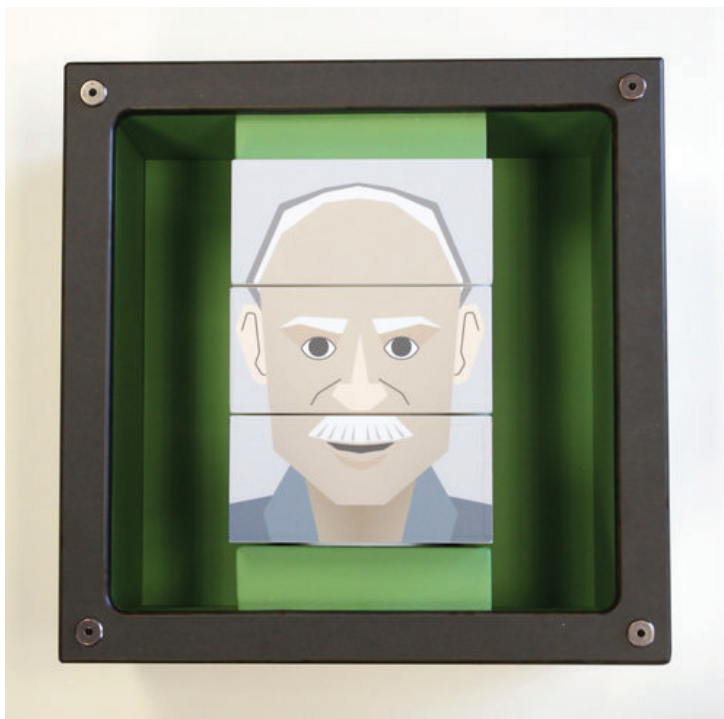


Graphic layout for spin interactive





Touch interactive to compare the serrations of herbivore and carnivore teeth.



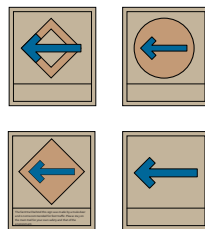
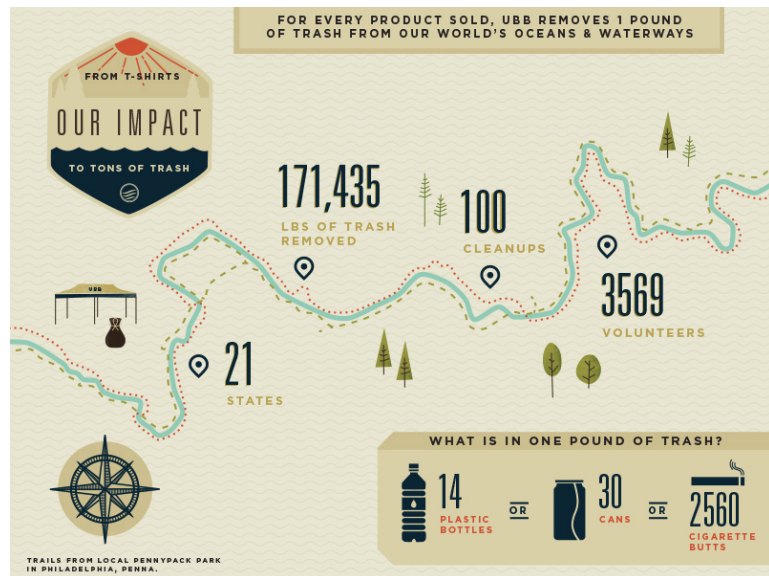
Spinning blocks for the evolution section of the exhibit  
GIF can be viewed [HERE](#)

# INTERPRETIVE TRAIL

I designed new wayfinding and information panels for the Royal Tyrrell Museums outdoor interpretive trail. Many visitors were getting confused due to the multiple pathways of animals and local pathway that intersected with the trail. This lead to design elements to fix certain issues with the existing signage.

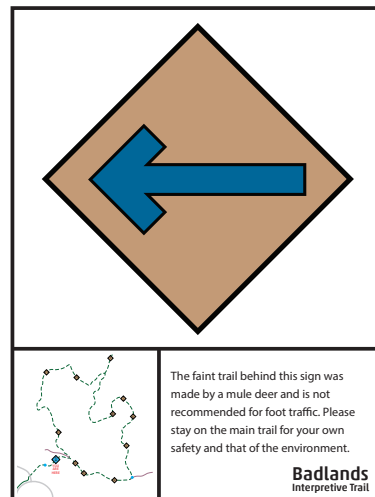


Inspiration



Hoodoos are eroded pillars of soft rock topped with a mushroom-shaped cap. The hard rock cap protects the softer pillar from eroding as quickly as the surrounding rock. Hoodoos are found throughout the badlands in many different sizes. They are extremely fragile, so please do not climb on them.

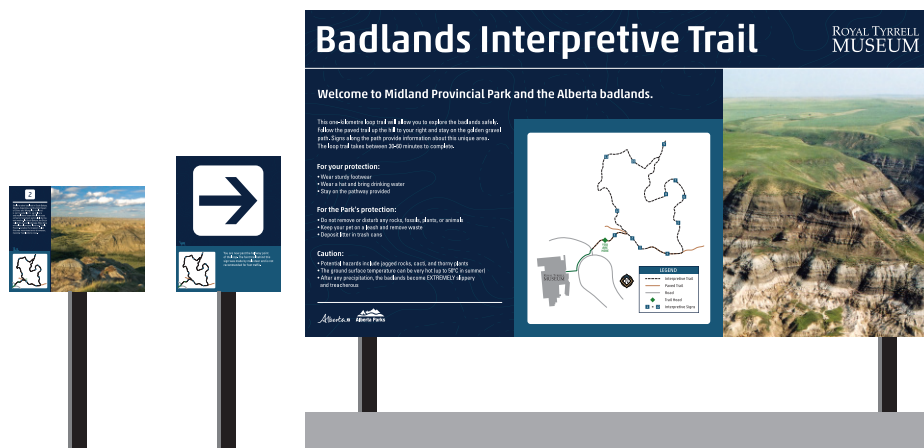
**Badlands Interpretive Trail**  
ROYAL TYRRELL MUSEUM



Initial concepts

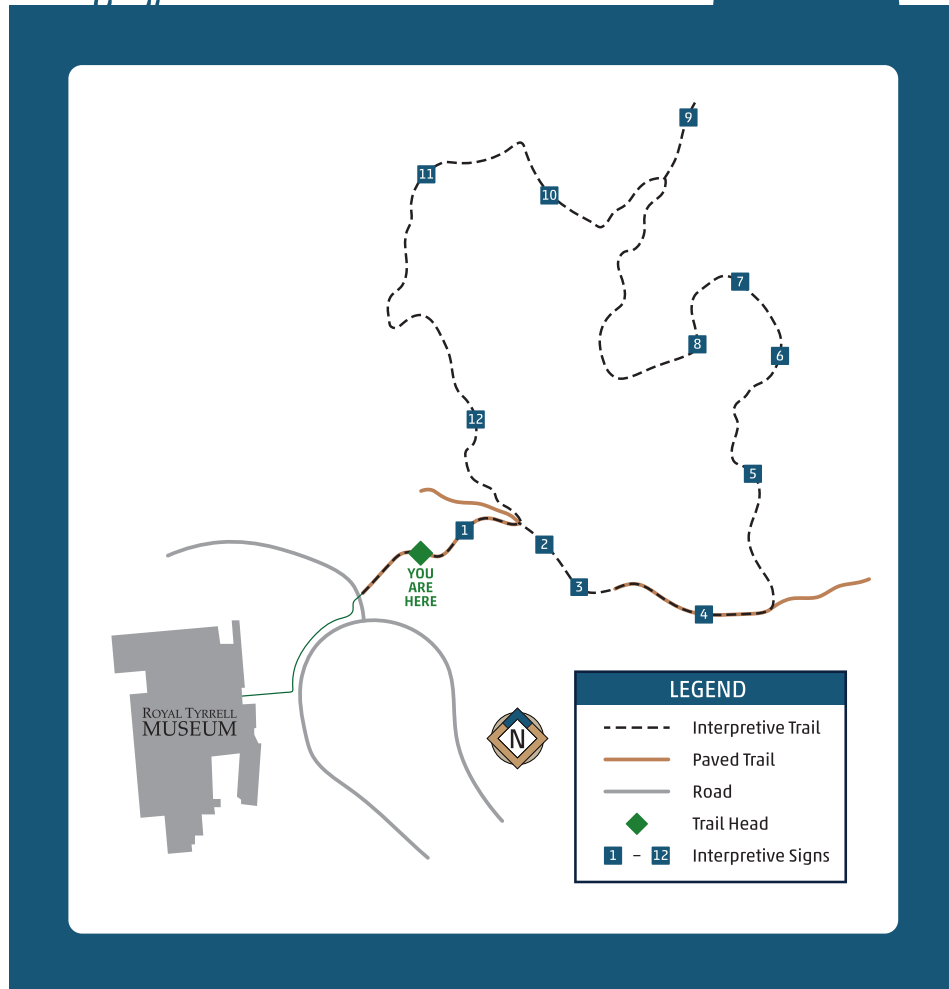
# Badlands Interpretive Trail

ROYAL TYRRELL MUSEUM



Wayfinding elements breakdown





## LEGEND

|        |                    |
|--------|--------------------|
| ---    | Interpretive Trail |
| —      | Paved Trail        |
| —      | Road               |
| ◆      | Trail Head         |
| 1 - 12 | Interpretive Signs |



**YOU  
ARE  
HERE**



Start of the trail and directional signage







## PRINTS

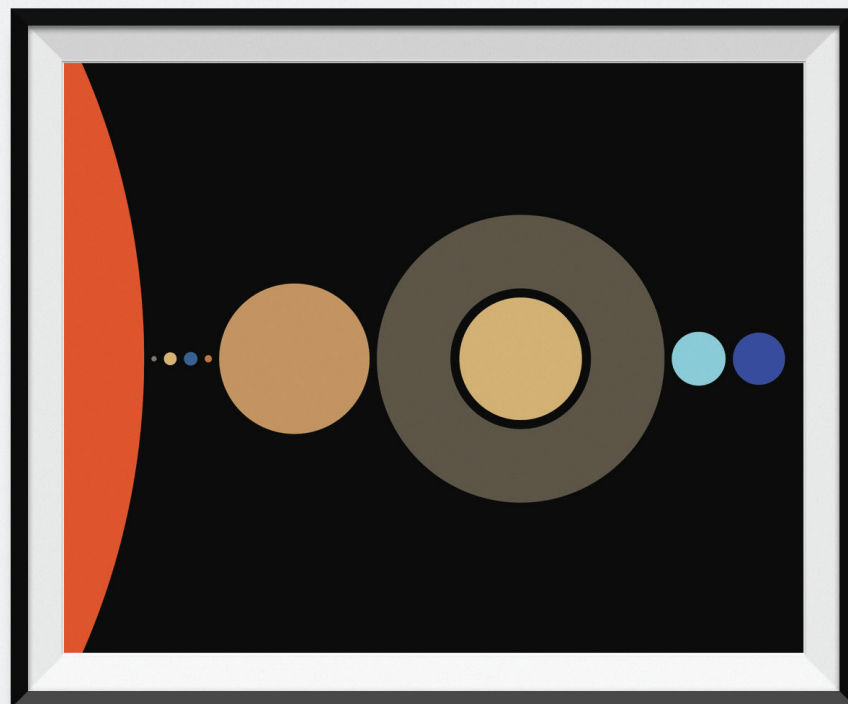
The following prints are a collection of personal interests I have in science, the outdoors and information design. The main element I try to implement within my infographics are proper scale and size accuracy. For example the space print is exactly 1:1,000,000,000 scale when printed at 16x20.



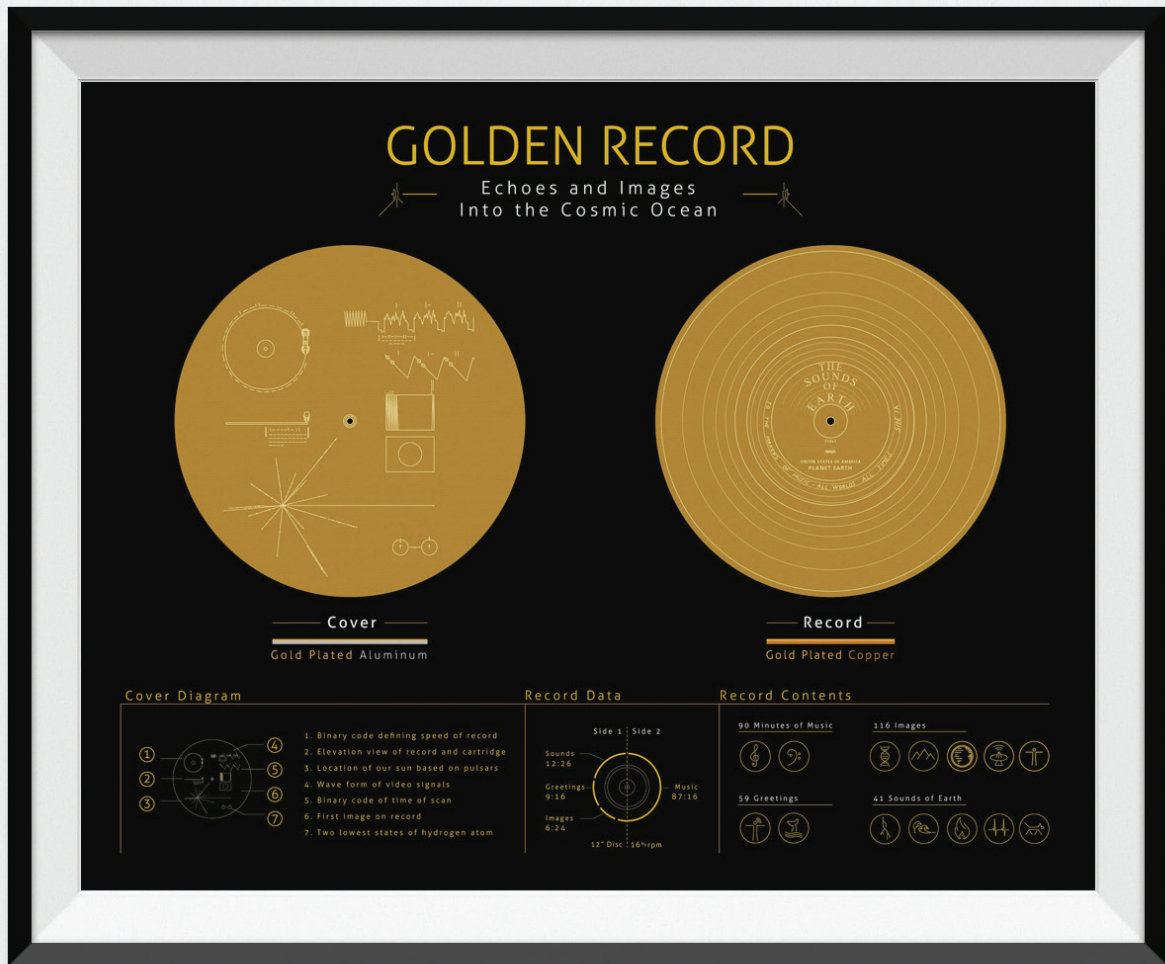
Canadian Rockies



National Parks

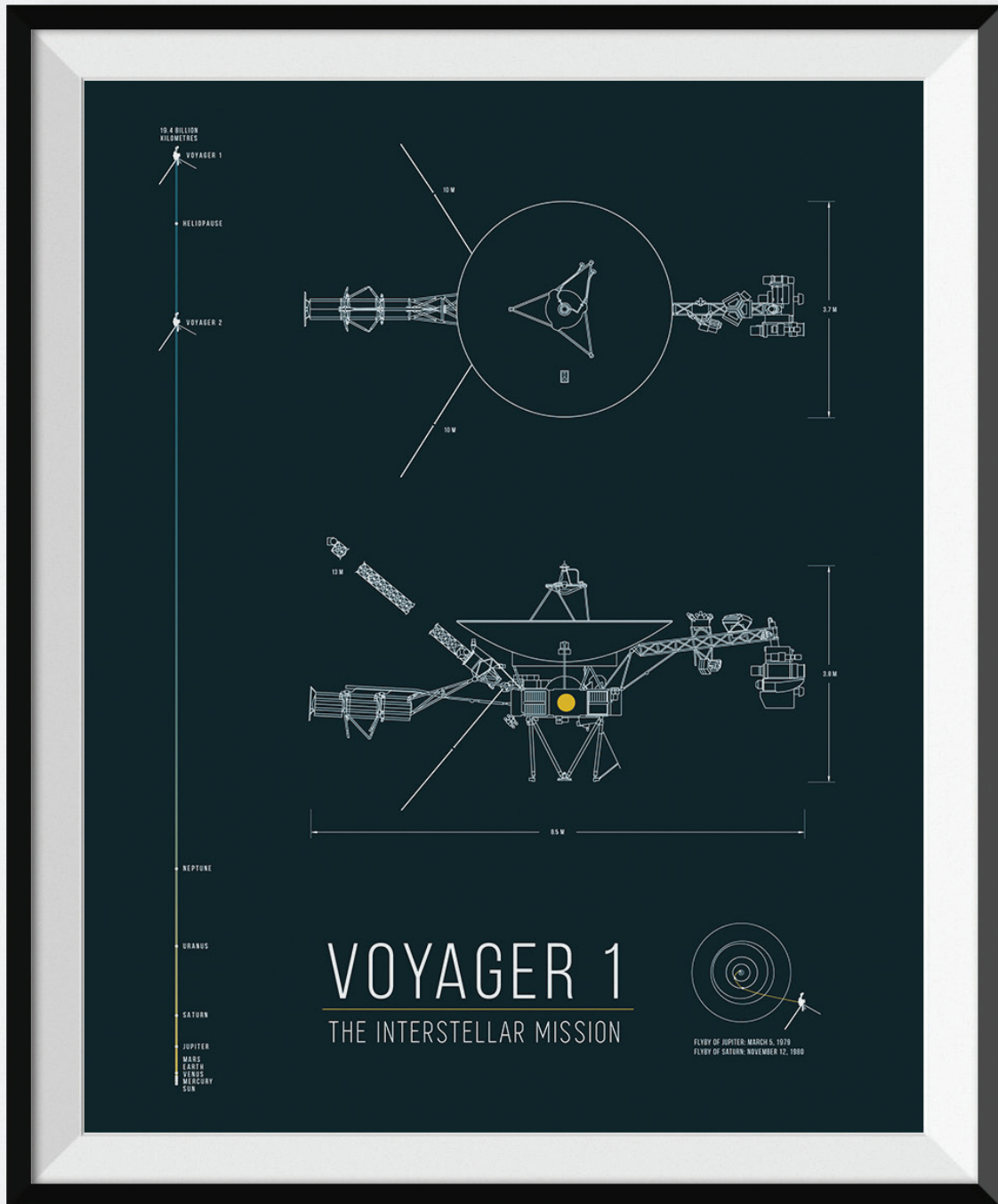


Planets



Golden Record





Voyager 1