

Mountain Goat Molt Project: Crowd-sourcing photos



Mountain Goat Coat Trackers

84 members | 114 observations | 102 locations | 834 measurements

Help us use photography to track the timing of hair shedding in mountain goats and relate winter coat molt to thermal change. To get started, please look over our short 2-page guide under the Resources tab. Then, click on Add Data to submit your mountain goat photos!

Manager: Kate Nowak

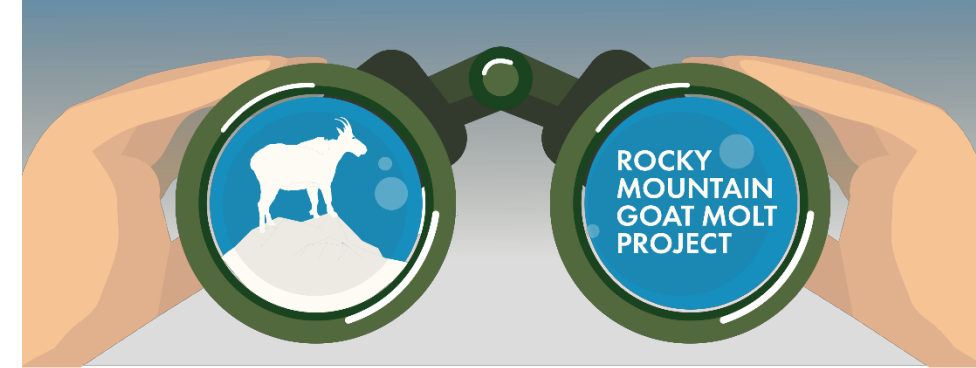
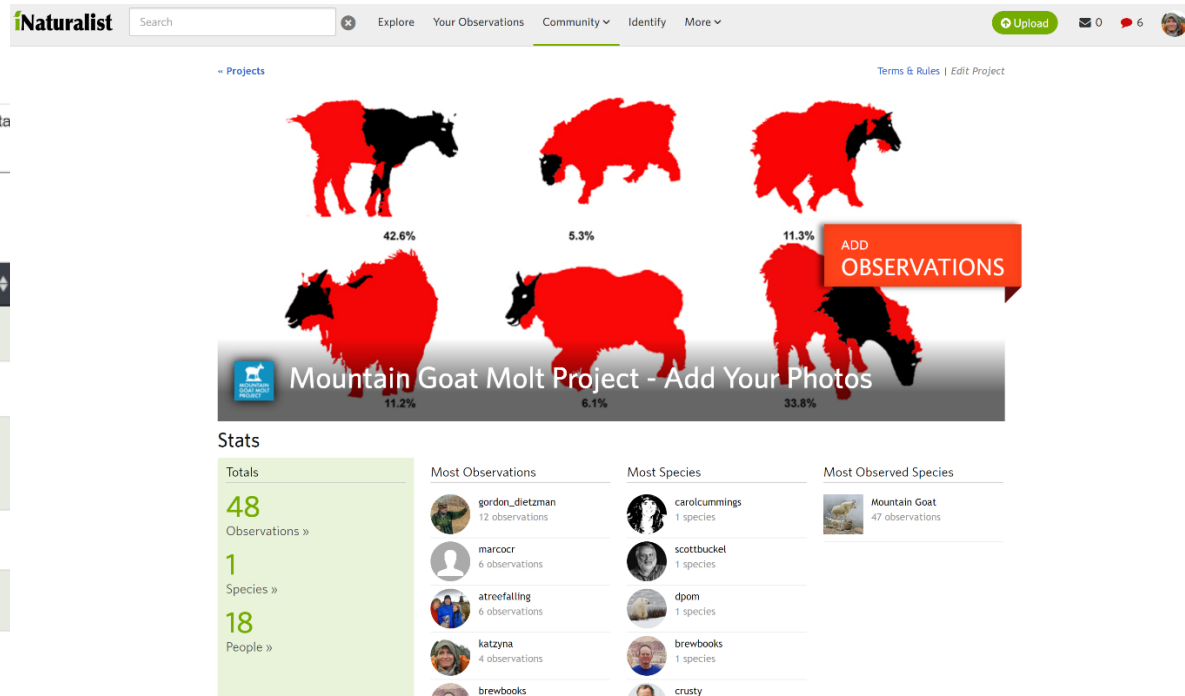
[Add Data](#)



As seen on **scistarter**

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Project Details	
Submit Data	Resources
View Data	
Observations	Map
Locations	
Search: <input type="text"/>	
Date	Location Name
Aug 18, 2018	Mount Aeneas
Aug 15, 2018	Grays Peak
Jul 30, 2018	Eldorado Lake, Colorado
Jul 25, 2018	Jewel Basin
Jul 25, 2018	Jewel Basin
Jul 25, 2018	Jewel Basis



WANT *to be a* goat tracker?

TAKE PART IN A CITIZEN SCIENCE PHOTOGRAPHY PROJECT!

WHO WE ARE

A transdisciplinary team comprised of research scientists, web developers and photographers.

WHAT WE DO

We are relating the timing of hair shedding in mountain goats to thermal change.

WE CAN USE YOUR PHOTOS TO EVALUATE GOAT MOLT:



SUBMISSION GUIDELINES*

- ✓ Shedding is visible in photo
- ✓ Known date of photo
- ✓ Location where photo was taken is known or can be well-approximated (via trail/long & elevation)
- ✓ Resolution is good, ideally 300 dpi

Please avoid taking photos of goats during their kidding period and maintain an appropriate distance as specified by an area's relevant authorities.

*Photos will be under a creative commons license if shared through our citizen science portal. Alternatively, you may e-mail your photos to Dr. Kate Nowak: knowak02@gmail.com

HOW WE WILL USE YOUR PHOTOS FOR OUR PROJECT:



Submit your Rocky Mountain goat photos via bit.ly/GoatMoltProject

In collaboration with/
support from:



Photo processing:

Pixel counts in
Adobe Photoshop

Are mountain goats
adapting to climate change
by shedding their winter coats earlier in the year?

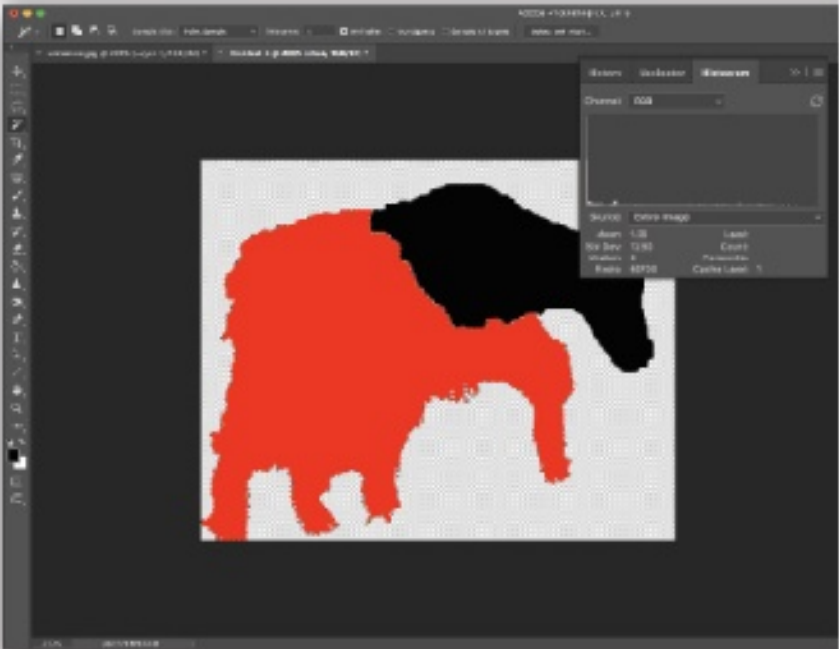
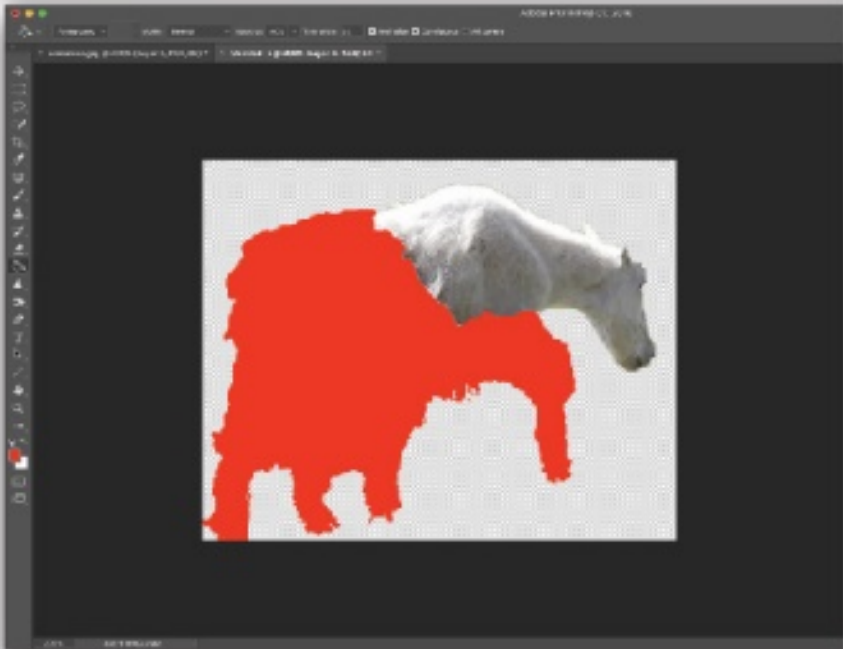
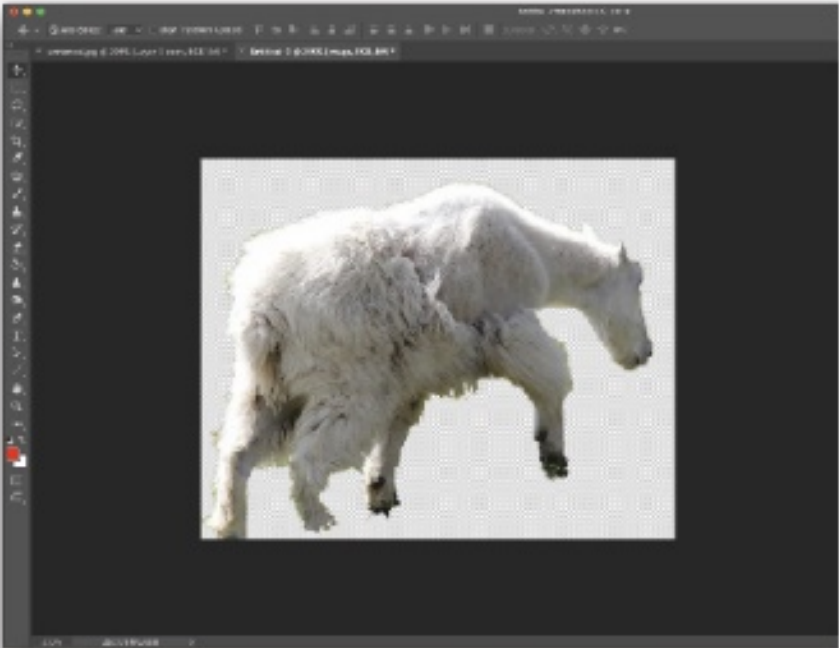
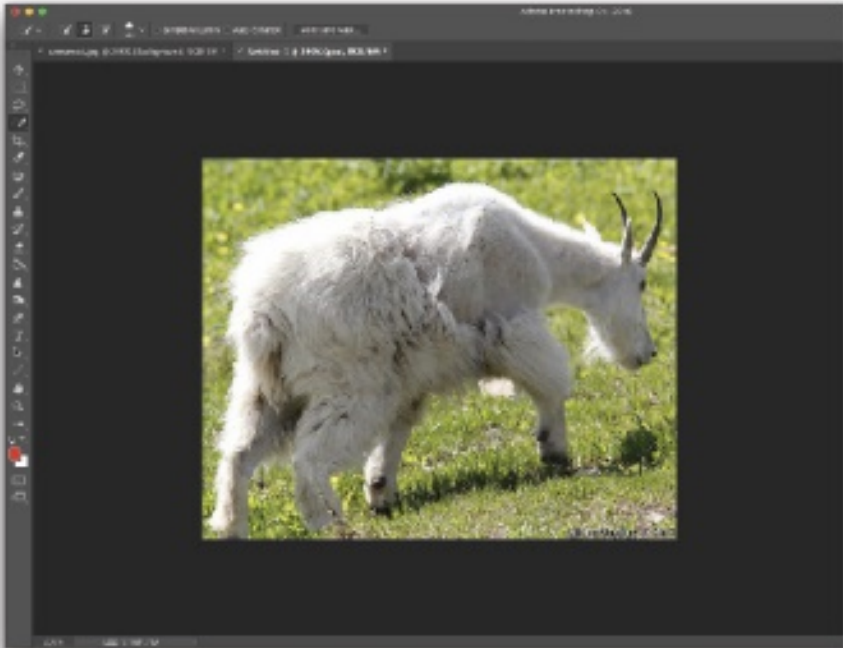


Photo by Alison Sheehey, iNaturalist

sample e so far

>500 photos

>70% photos crowd-sourced from non-researchers

Covers all of mountain goat range except NW Territories & Nevada

Next steps:

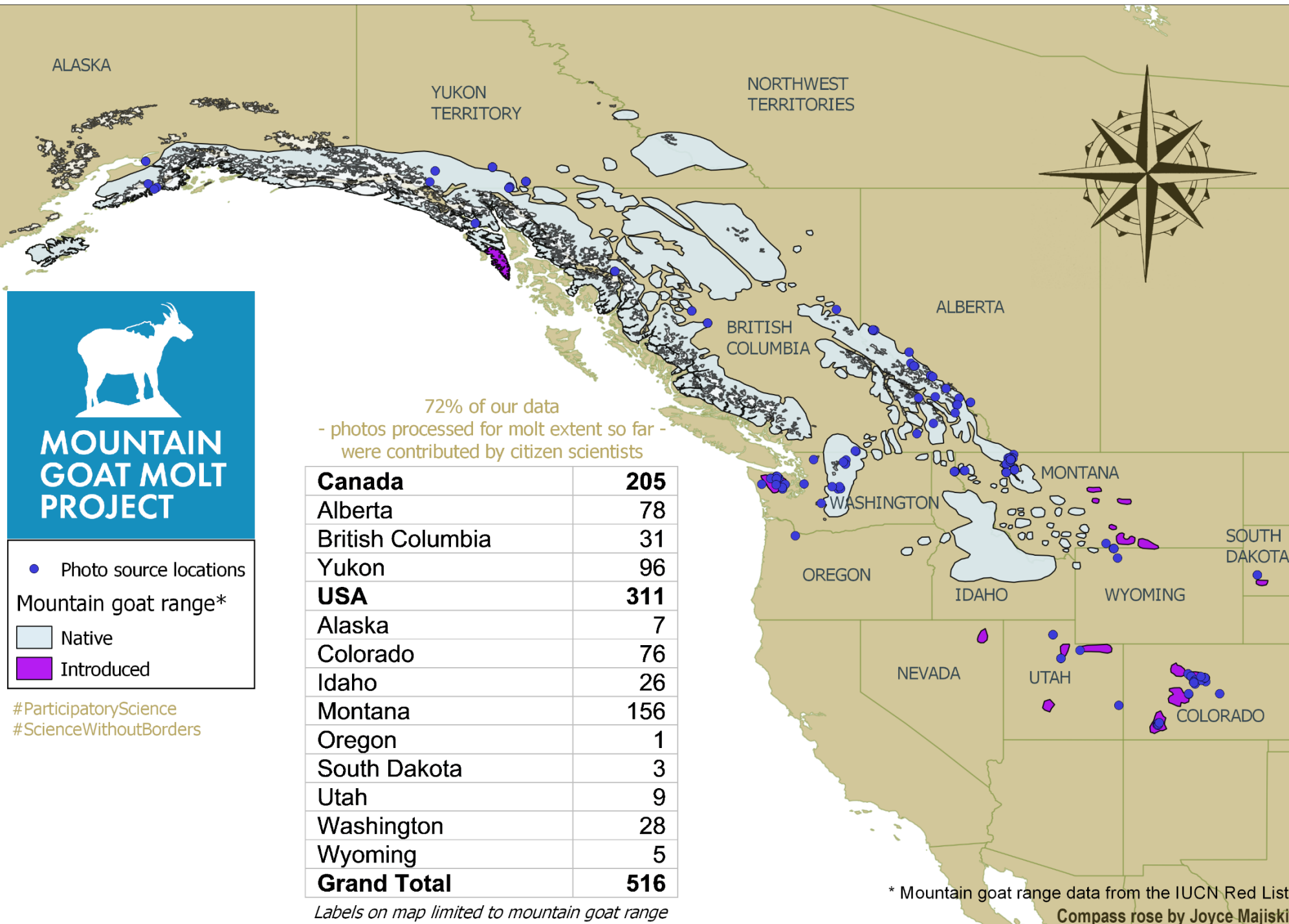
Preliminary analysis

Involve AI scientist

Fund-raise

Boost sample from across time & space

Leverage project for public outreach & engagement in climate science



#ParticipatoryScience
#ScienceWithoutBorders