

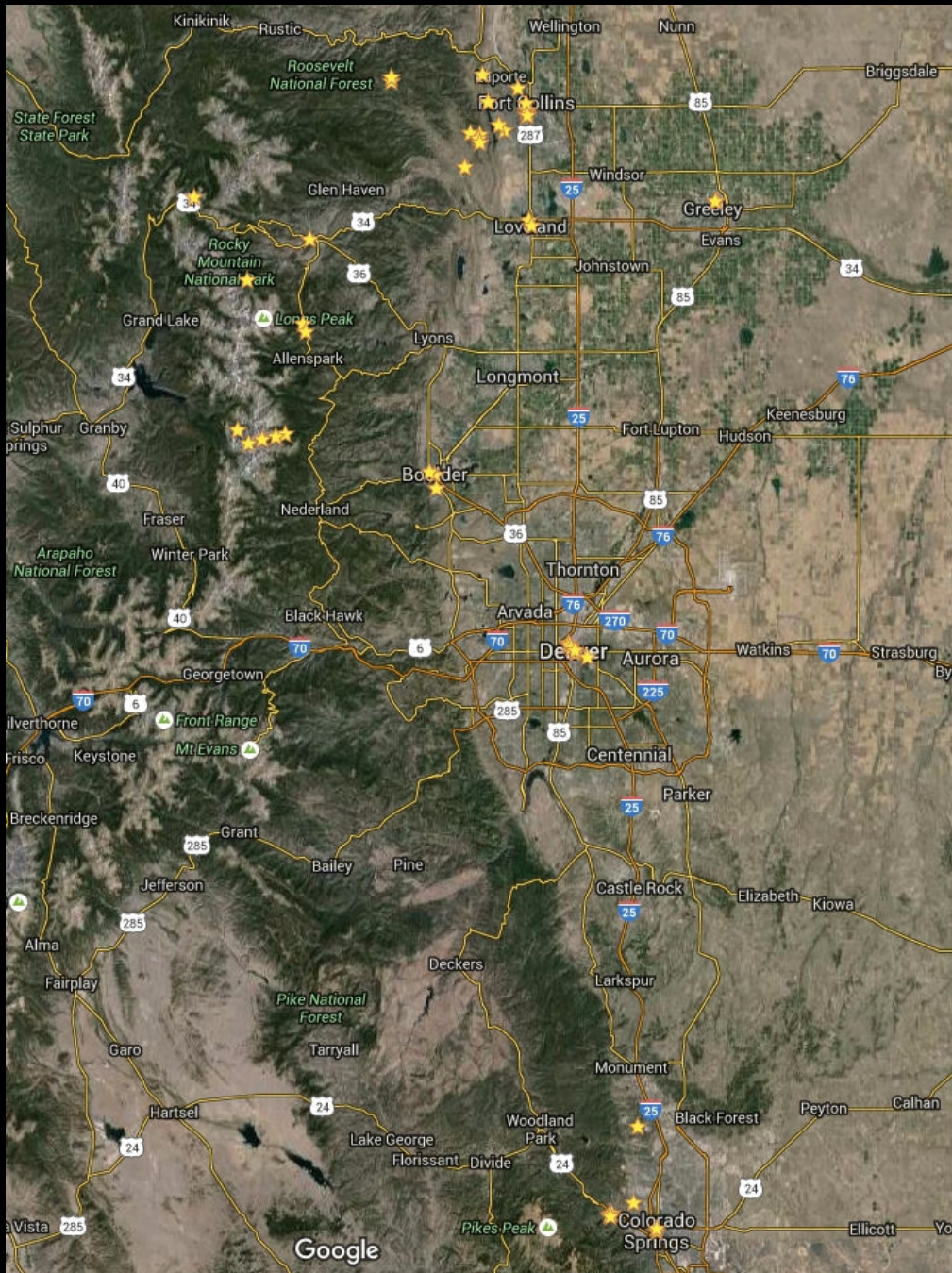
Növények és állatok a Sziklás-hegység környékén

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Berze Természettudományos Önképzőkör 9. viszneki tábora
2016. július 6.

Sziklás-hegység (Rocky Mountain, Rockies)





Fort Collins
1525 m

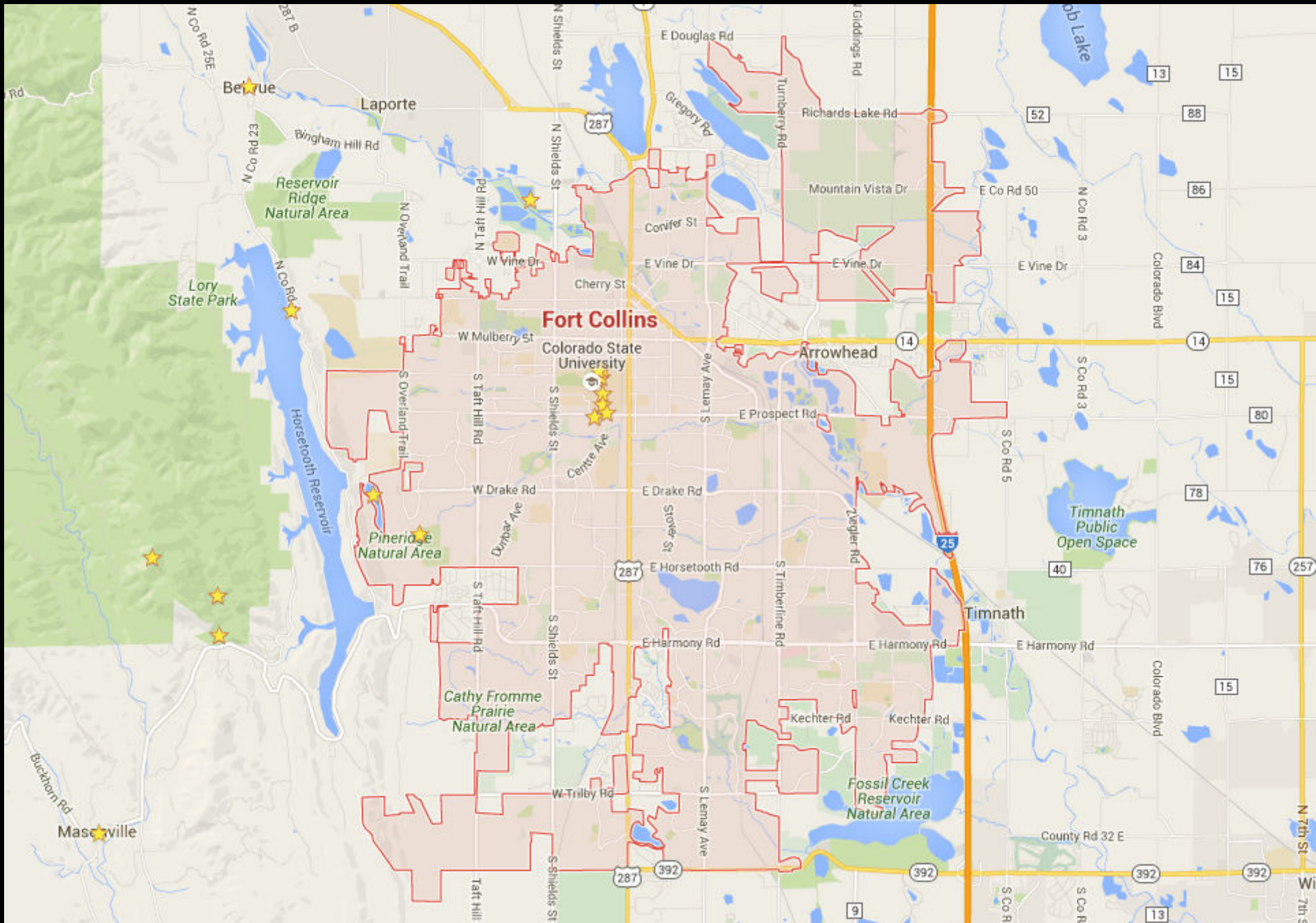
Estes Park
2 293 m

Alpin Center
3,595 m

Átlag:
2073 m

Longs Peak
4346 m (14259 láb)

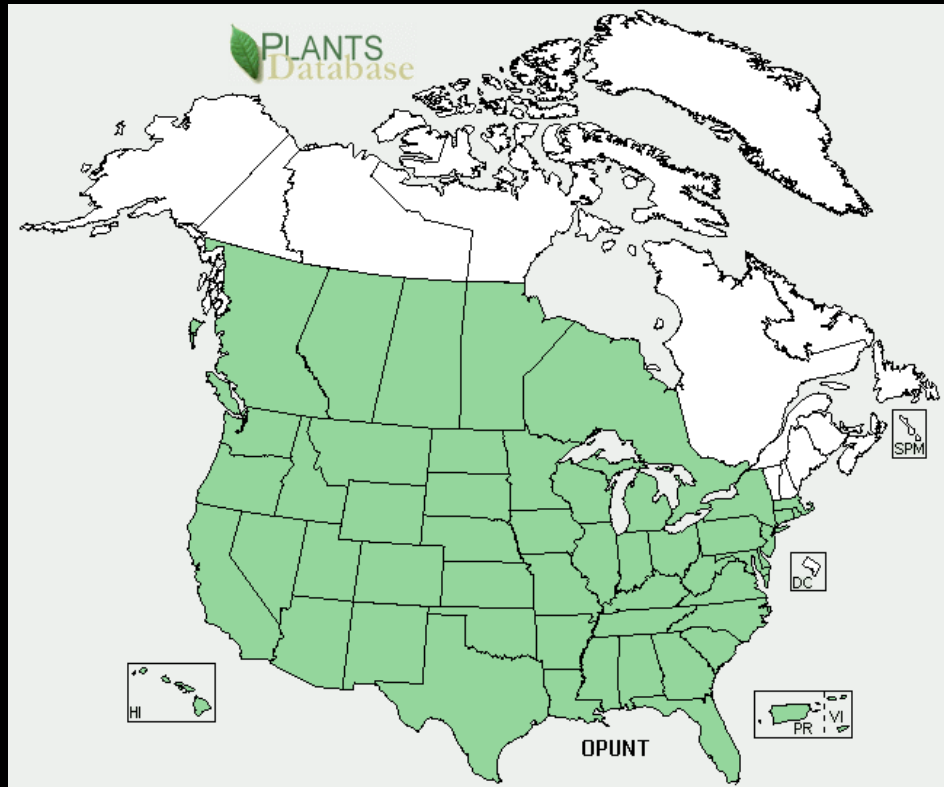




Hol élnek a kaktuszok, hol élnek a kolibrók? (Természetes előfordulás)

Kanadától kezdve

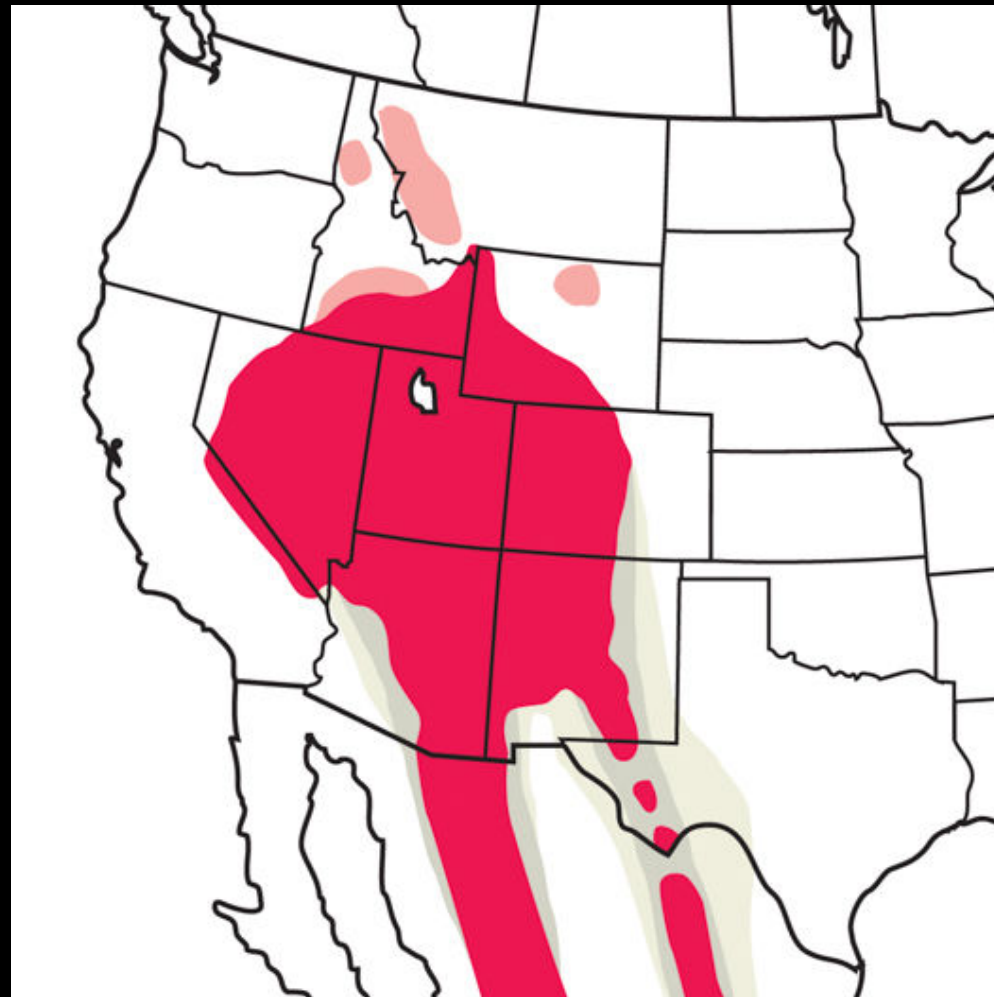
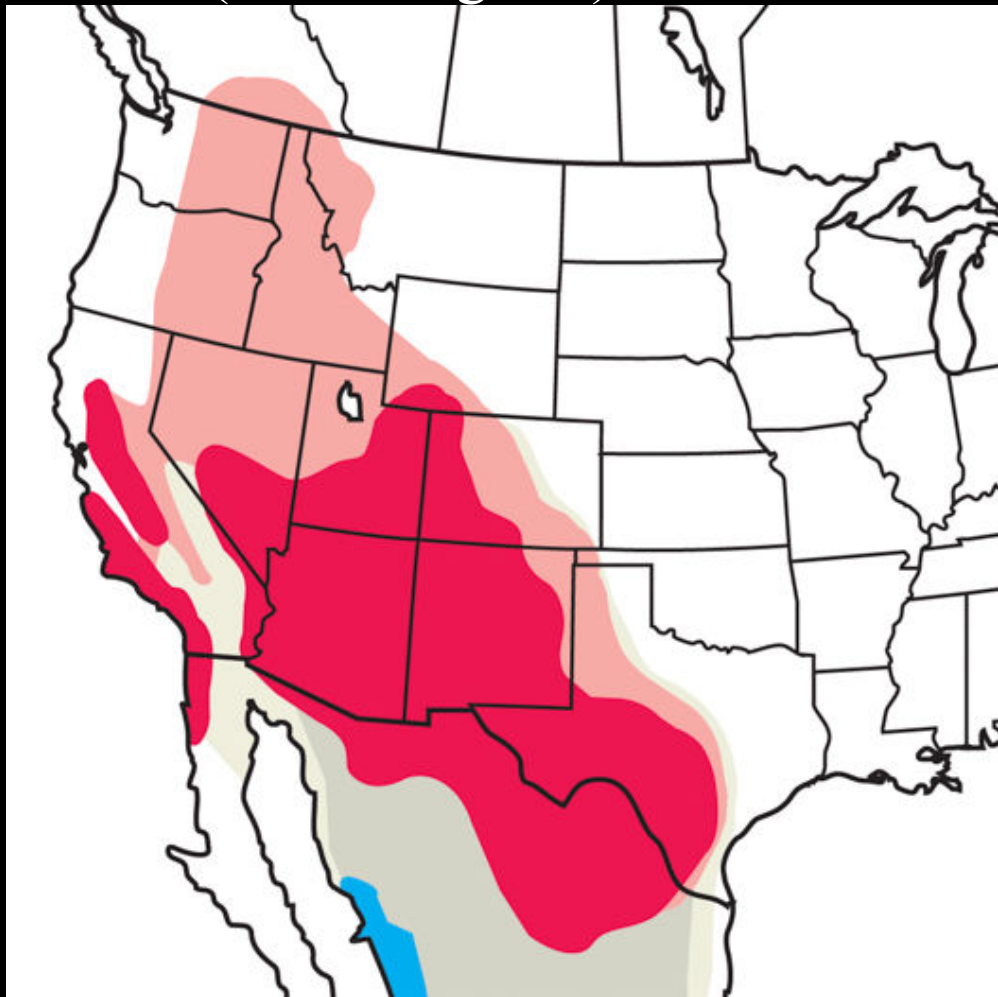
Fügekaktusz (prickly pear, opuntia)



Great Plains Prickly Pear (*Opuntia polyacantha*)

Kanadától kezdve

Kolibri (Hummingbird)

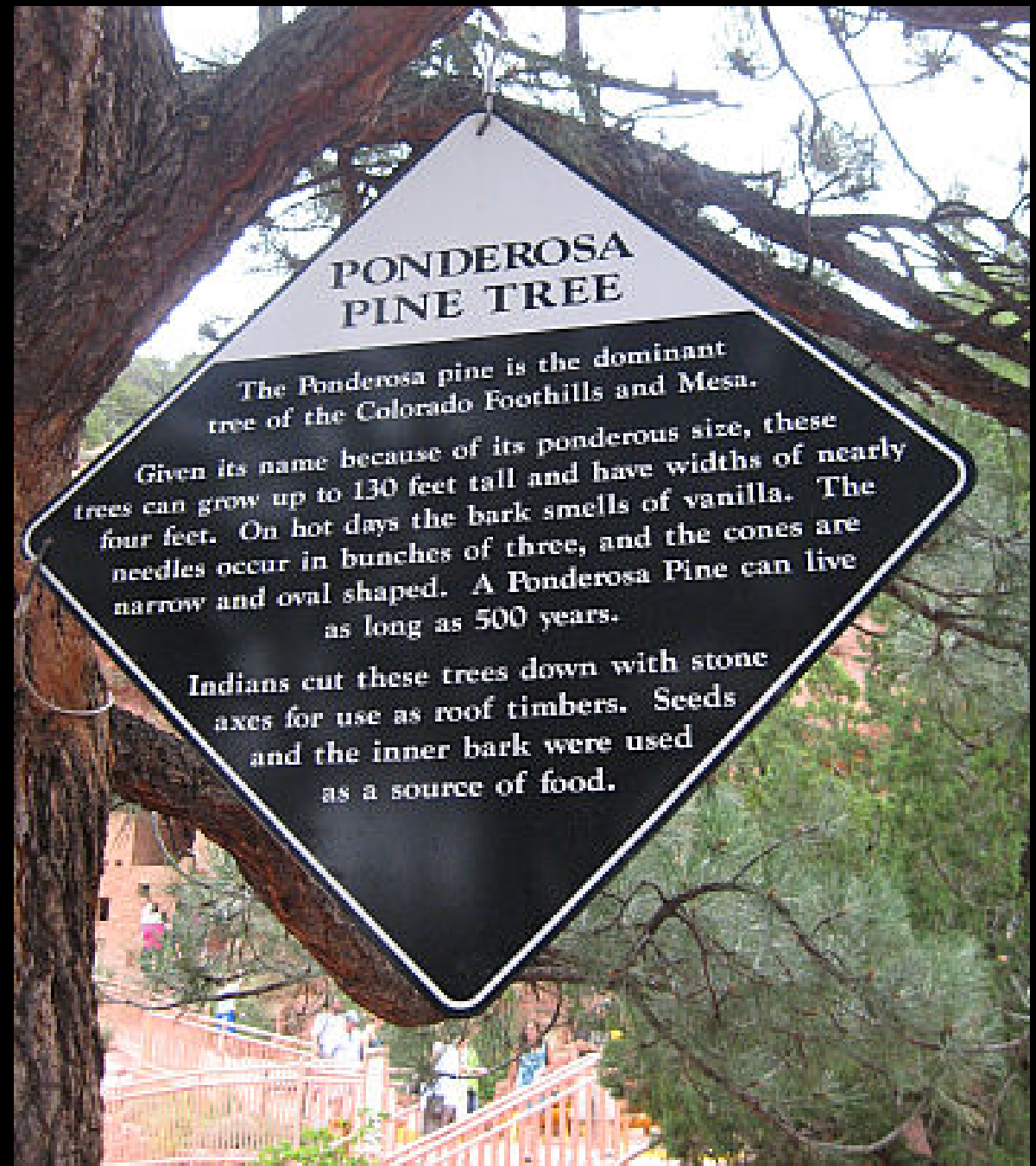


Két faj elterjedése

Fenyők: blue spruce,



Pinus ponderosa,











Douglas fenyő (Douglas Fir;
Pseudotsuga menziesii)



Coloradói jegenyefenyő
(White fir; *Abies concolor*)



Szálkás tobozú fenyő (*Pinus longaeva*,
~*aristata*)

Bristlecone B

La Orilla Bristlecon



The oldest known tree, an intermountain bristlecone pine (*Pinus longaeva*) named Prometheus, was cut down in Nevada in 1964 after a researcher's coring device failed. The tree's rings showed it to be almost 4,900 years old — the oldest living thing on earth! Fortunately, ensuing protests resulted in increased security for remaining bristlecone pines.



FROM PENSTEMONS TO PINES

Illustrating Rocky Mountain Natives

Pinus aristata
Bristlecone Pine

A medium-sized tree with a bushy crown, usually found at very high elevations. The ends of the branches are round and brush-like, making this tree easy to recognize.

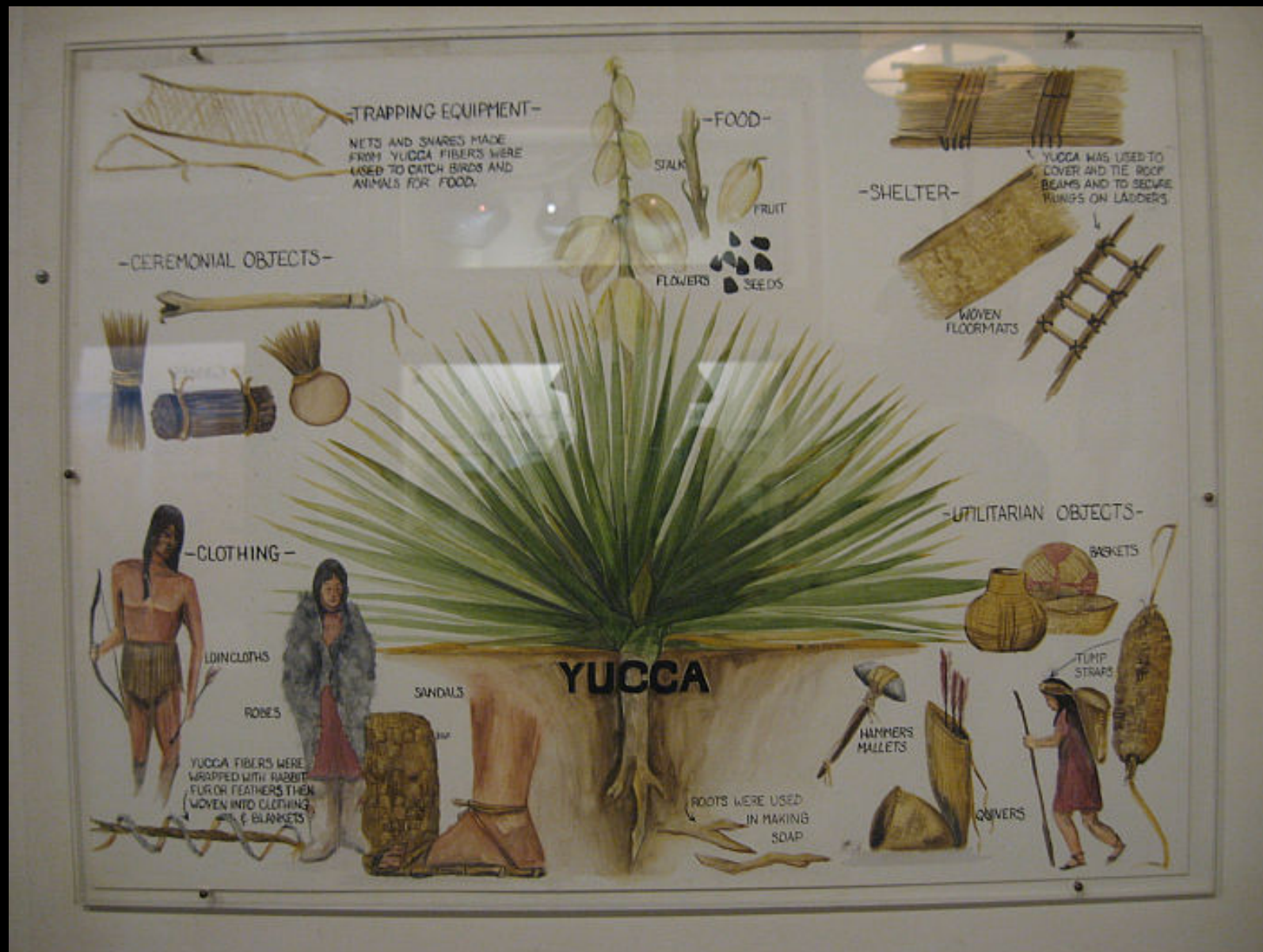
Katherine McCreery, Graphite and Colored Pencil



Aspen (Quaking ~, *Populus tremuloides*)



Yukka
Yucca glauca
(Soapweed
yucca,
Narrowleaf
yucca, Plains
yucca,
Beargrass)





Fügekaktusz, más kaktusz







Parlagfű
(*Ambrosia artemisiifolia*, ~ *elatior*)





Tücsök, ganajtúró bogár



Piros vállú csiröge (Red-winged blackbird)



(<http://www.audubon.org/field-guide/bird/red-winged-blackbird>)





Szélesfarkú kolibri (Broad-tailed Hummingbird; *Selasphorus platycercus*)



(Fotó:
Kiss Gergely)





Kanadai lúd (Branta canadensis)



Fehérfejű rétisas
(*Haliaeetus leucocephalus*)



Szürkemókus
(*Sciurus
carolinensis*)







Csíkos mókus (Chipmunk; *Tamias striatus*)



Pika (Ochonta princeps)

(Fotó: Kiss Gergely)



Marmot

The round yellow-bellied marmot is a squirrel adapted to life at high altitude. During the long days of the alpine summer, marmots must prepare for winter. Consuming seeds, stems, leaves, and flowers, marmots often double their weight by summer's end. Fat reserves amassed during the summer sustain them through nearly eight months of hibernation.

Be wary of lightning: if storm clouds approach, return to your vehicle for protection.



Rocky Mountain National Park
National Park Service
U.S. Department of the Interior



When alarmed, marmots emit a high-pitched whistle. These vocalizations remind them to remain in their burrow.



A marmot actually spends 80% of its lifetime in underground earthen burrows. Winter hibernation chambers may be more than 13 feet underground.

PLEASE, DO NOT FEED WILDLIFE

Mormota
(Marmota
flaviventris)

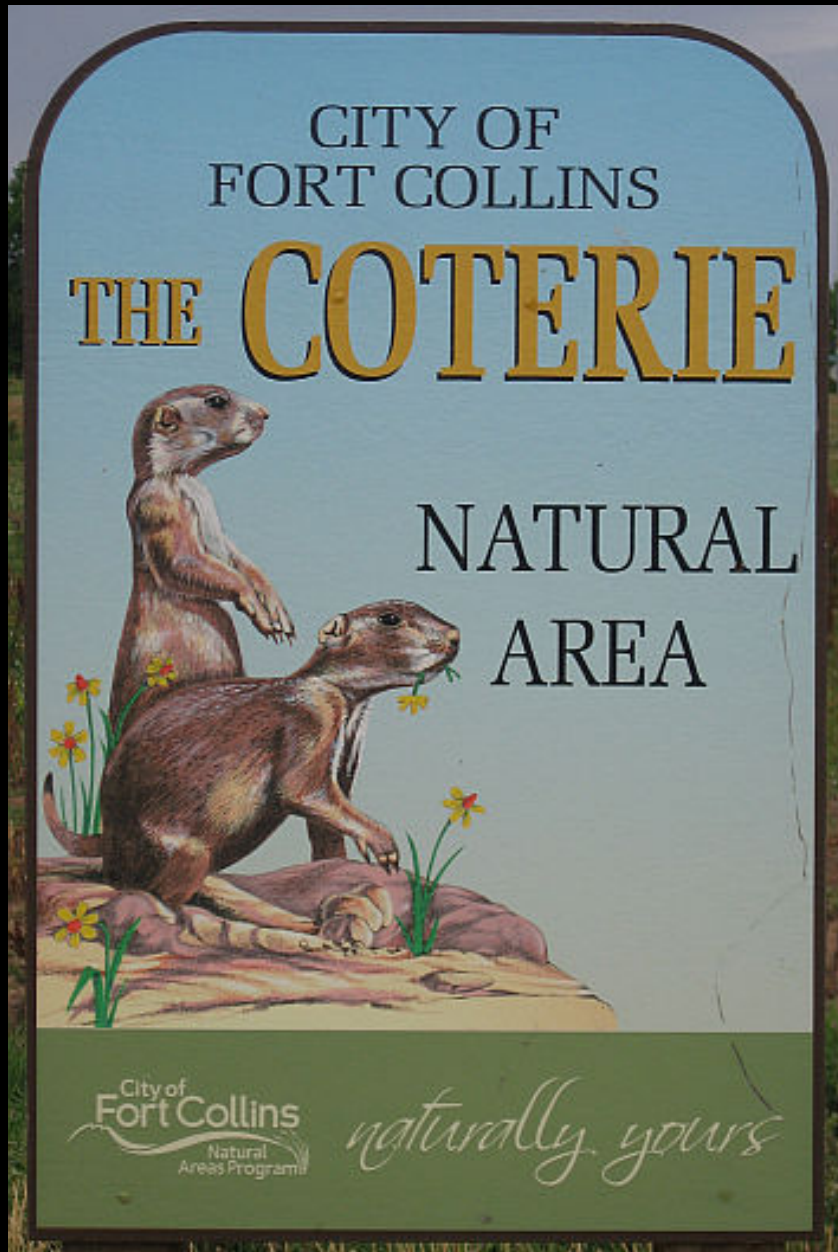
(Fotó: Kiss
Gergely)







Fekete farkú prérikutya (Cynomys ludovicianus)





Csíkos szkunk (Skunk)



<http://www.outsideonline.com/1924521/very-smelly-trail-skunk-takeover>



Szarvas (Elk (Wapiti; *Cervus canadensis nelsoni*))







Csörgőkígyó
(*Crotalus viridis*),
más kígyó












<http://www.coloradoan.com/>

Puma
(Coguar, mountain lion; Puma
concolor)




Attention! Mountain Lion Activity In This Area

**Mountain lions have been reported in this area.
Take precautions to avoid a lion encounter.**

Walk in groups and make plenty of noise.
Keep children close to you and within sight at all times.
Do not run or jog in this area. Running may stimulate a lion's instinct to chase and attack.
Pets and predators don't mix -- it's best not to bring pets.
Don't feed wildlife -- habituated animals can attract predators.
Carrying a sturdy walking stick is recommended.

If you see a lion:




Stop. Don't run.
Stay calm.
Talk loudly and firmly to the lion in a low voice.
Face the lion, but avoid direct eye contact -- this may challenge the lion.
Back away slowly if you can do so safely.
Make yourself look large -- raise your arms or hold a jacket or backpack above your head.
Pick up small children so they do not panic and run.
If the lion behaves aggressively, throw stones, branches or your belongings at the lion.

If you are attacked by a lion, don't run--fight back! Don't quit!

Use whatever is available: your backpack, jacket, sticks, tools, keys, knife or even your bare hands.
Stay on your feet and get back up if you are knocked down.
Protect your head and neck.

**Report close encounters or sightings immediately.
Call the Colorado Division of Wildlife
at (303) 291-7227 in Denver
or (970) 472-4300 in Fort Collins**





Mozi, hangok (ha maradt idő)

A scenic mountain landscape featuring a large, dark blue lake in the foreground. The lake is surrounded by rocky terrain and patches of green vegetation. In the background, a massive, rugged mountain range rises, with several peaks covered in snow. The sky is filled with soft, white clouds. The overall scene is a beautiful representation of a high-altitude mountain environment.

Köszönöm a figyelmet!