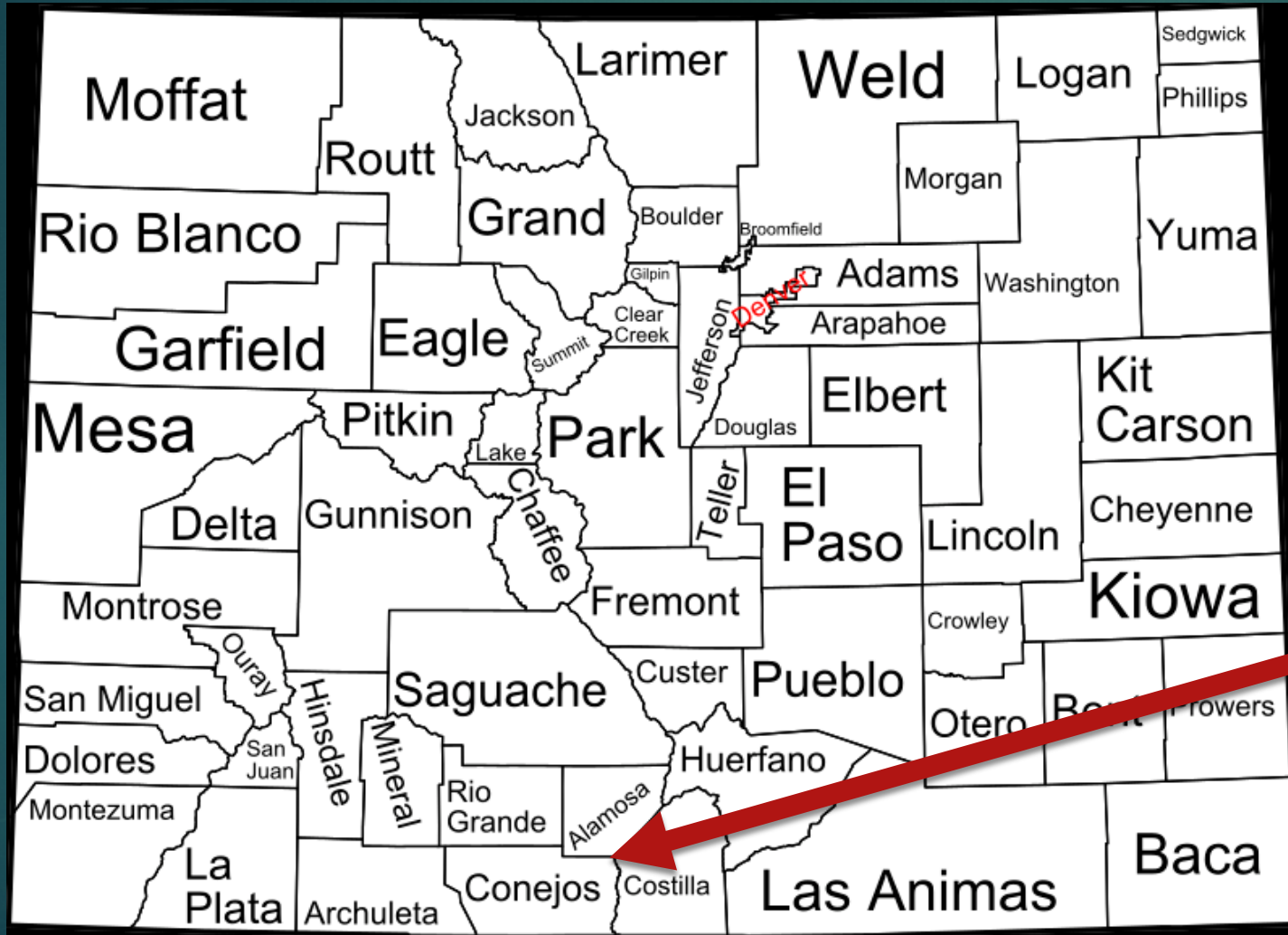


2024 Rare willow (*Salix*) Update

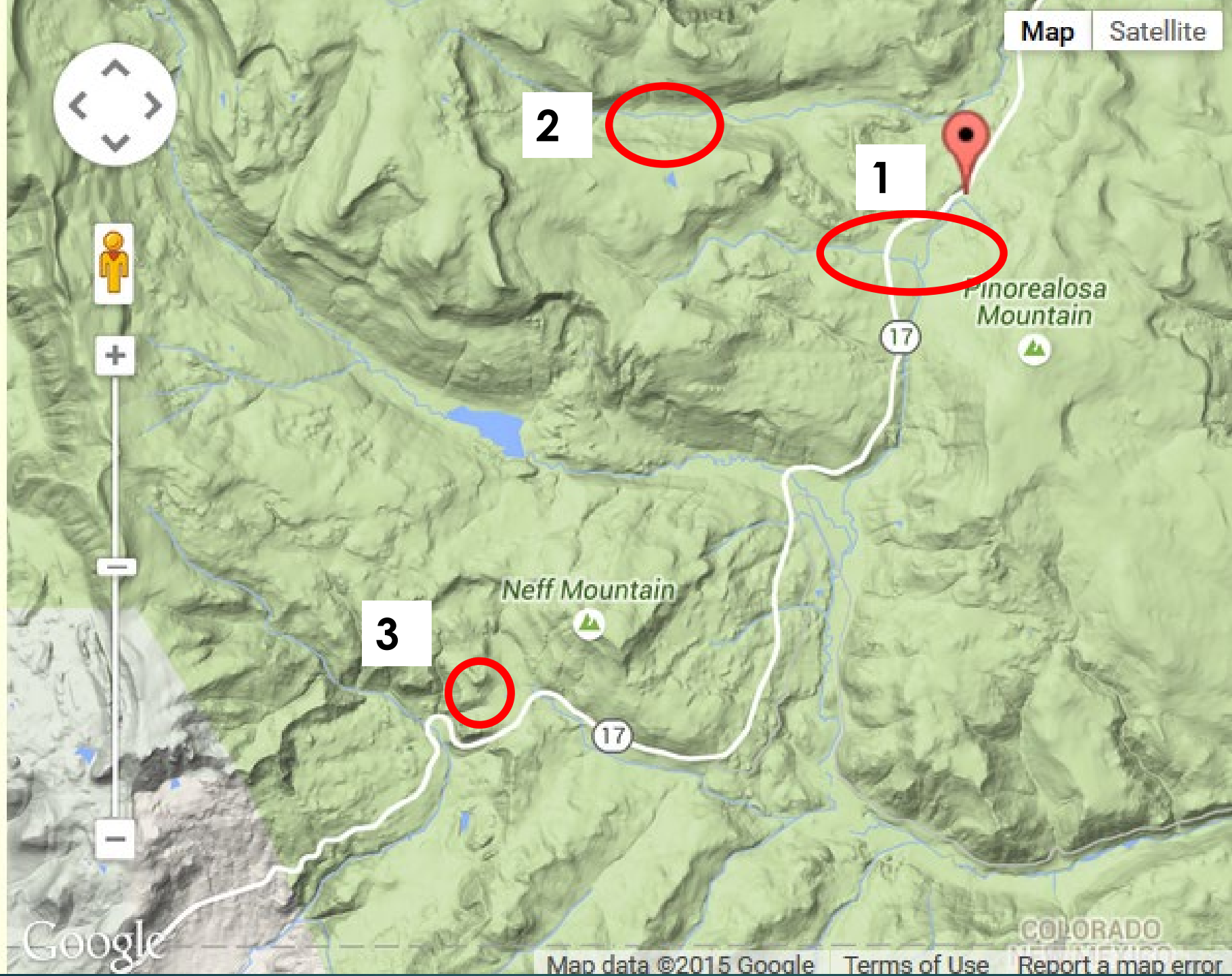
GWEN KITTEL, CONPS BOARD, CHAIR FIELD STUDIES COMMITTEE

Conejos County, Colorado



About an hour drive south of Alamosa





Map Satellite

2

1

3

Pinorealosa Mountain

Neff Mountain

17

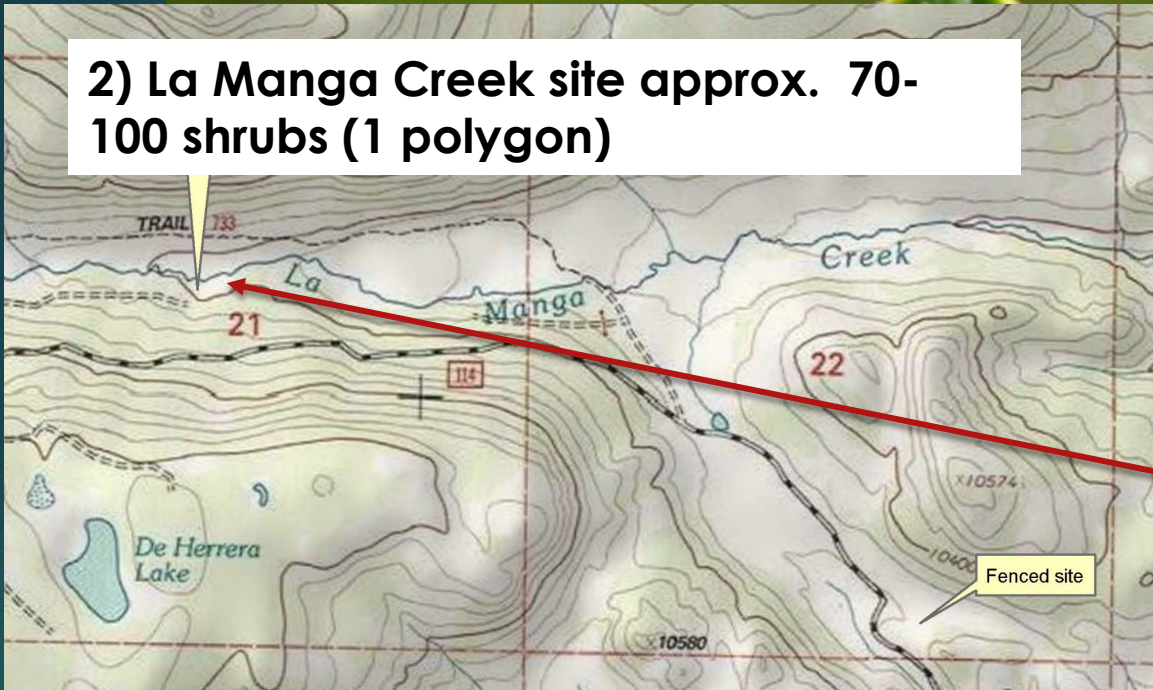
17

Google

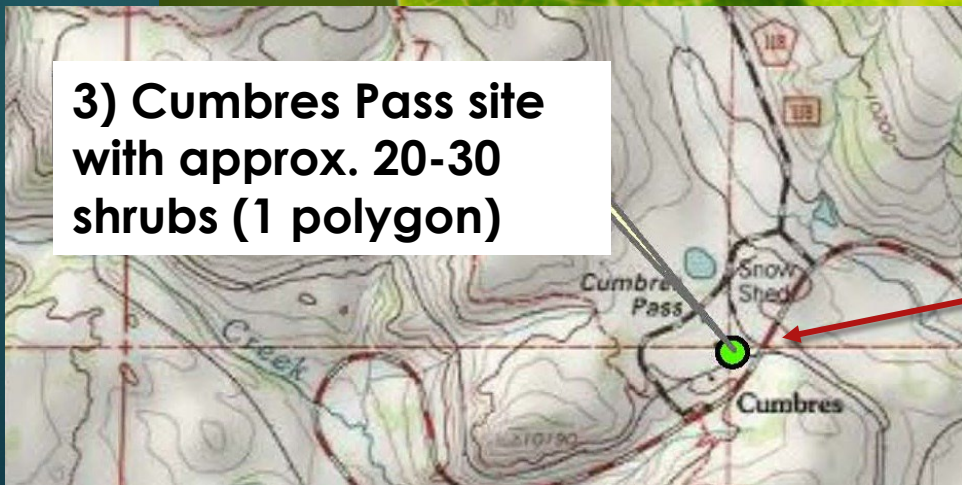
Map data ©2015 Google Terms of Use Report a map error

Salix arizonica, populations revisited 2024. Monitored & shown to new USFS Botanist

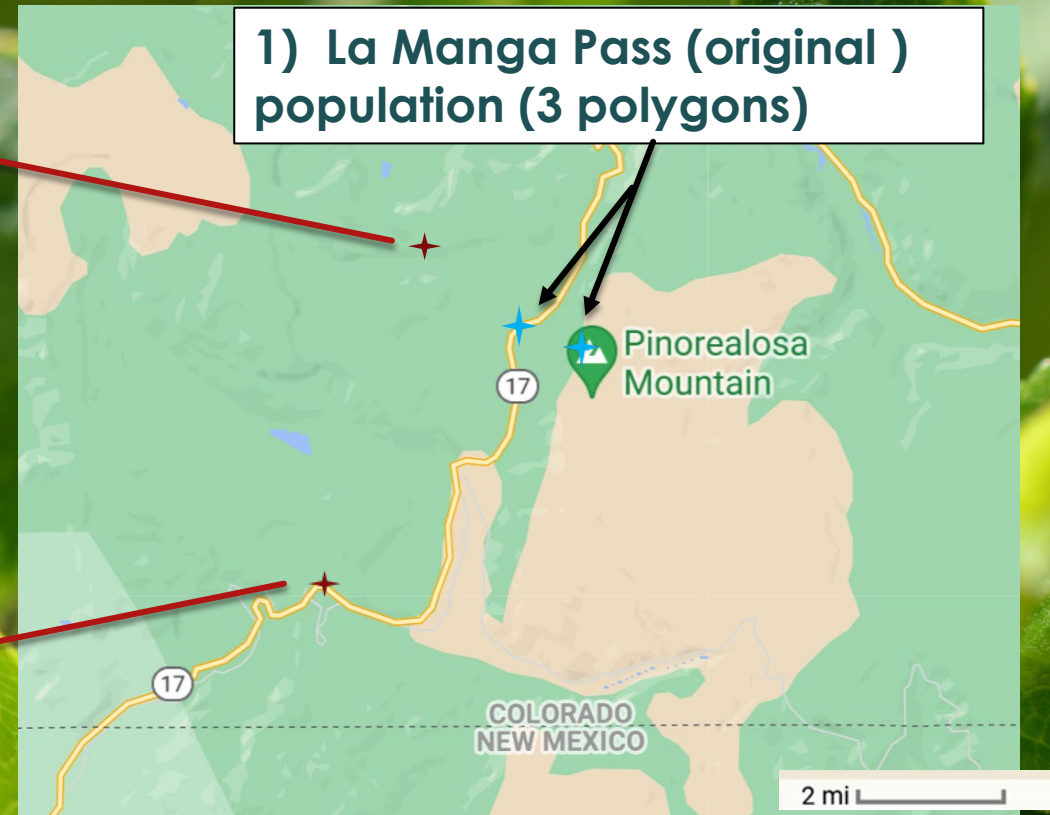
2) La Manga Creek site approx. 70-100 shrubs (1 polygon)



3) Cumbres Pass site with approx. 20-30 shrubs (1 polygon)



1) La Manga Pass (original) population (3 polygons)



**2015 Expanded
population from one
location (~15 ind.) to
four areas totaling ~65
individuals**

P

Orig Pop.

P

© 2015 Google

Google earth

La Manga Creek, *Salix arizonica* G1S1

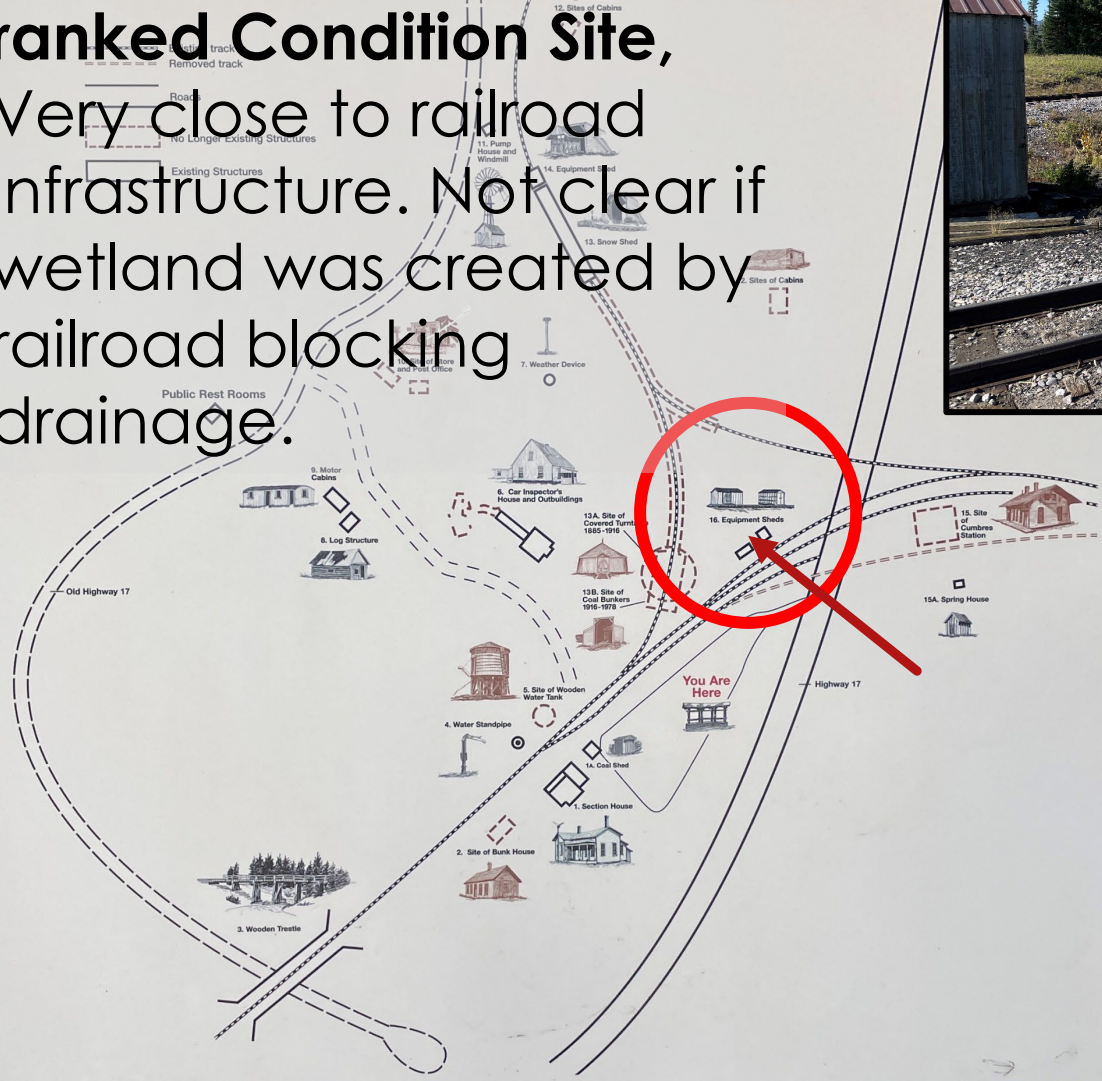


A-ranked, Excellent Condition Site, no roads confining riparian area, many individuals. Few to no invasive species. There is logging occurring on upper slopes of the watershed. Surveyed in 2024, no changes.



Cumbres Pass, Colorado
Cumbres & Toltec Scenic Railroad National Historic Site

20-30 individuals, C-ranked Condition Site, Very close to railroad infrastructure. Not clear if wetland was created by railroad blocking drainage.



Cumbres Pass Station And Yard Elevation: 10,015 feet

Cumbres Pass Site, *Salix arizonica* GIS1



Visited in 2021, '22, & '24

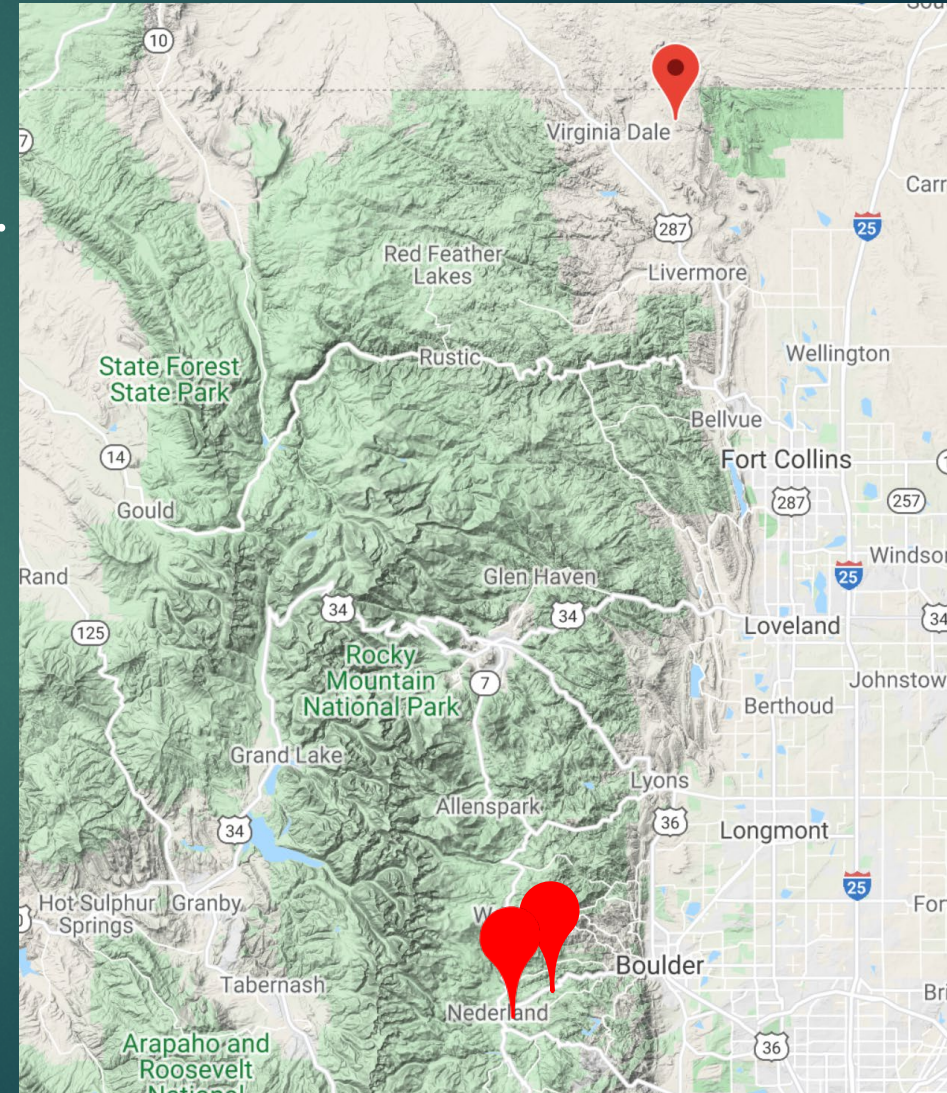
Salix discolor, new population

- Key characteristics:
- Hairy capsules,
 - Hairy petioles



2 known populations in Larimer & Boulder Counties at 7,200 ft. and 7,600 ft.

New population, ~10 individuals in Nederland, along North Beaver Crk & Middle Boulder Crk, at Barker Reservoir. 5.5 miles upstream of Boulder Canyon population.



2023 wetland
“restored” part of
Eldora Ski Area
mitigation

Adjacent to *Salix
discolor* population



Salix cascadiensis

Alpine Habitats--Belly flop & comb the tundra to find!

Leaves not glaucous underneath
9-26 mm long, 4 -7.5 mm wide

Collected >12,000 ft elevation



Salix arctica

