



Why Calflora is _Such_ Good News!

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Why Calflora is _Such_ Good News?

- aggregated data from many sources
- cross-reference old and new names
- soil and climate tolerances
- potential plant habitats
- pollinator info
- history stacks

Current info for amateur and professional botanists, researchers, climate scientists, and YOU.



Calflora

Arctostaphylos viscida ssp. *viscida* distribution

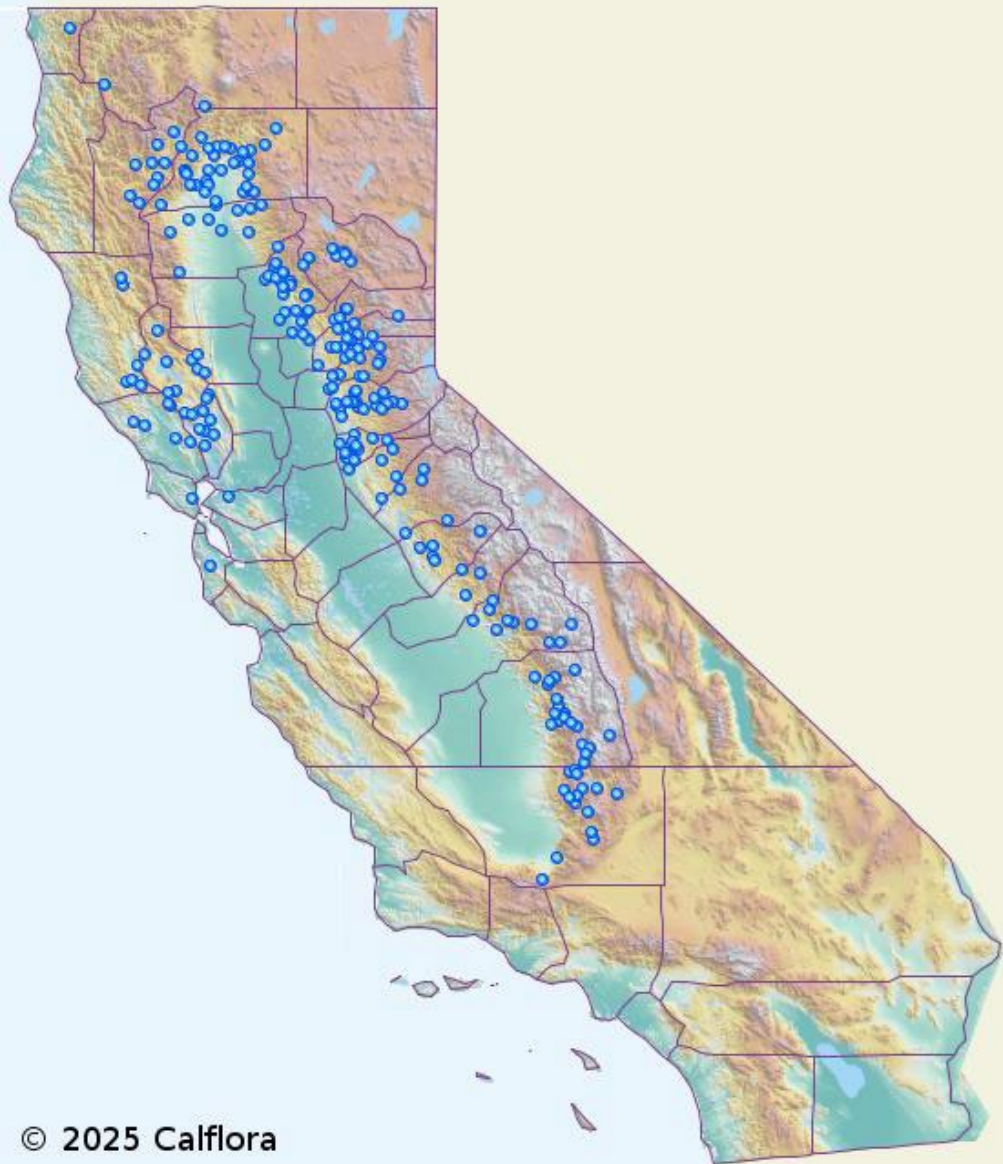


Photo by Calflora Board Member Julie Kierstead



Calflora staff combine, or aggregate, plant records from many sources to provide a more complete distribution picture. One source is iNaturalist. Another source is specimens from Consortium of California Herbaria (CCH).

Every wild plant species in the state has its own distribution map: 8,500+ distribution maps available via the Calflora website.

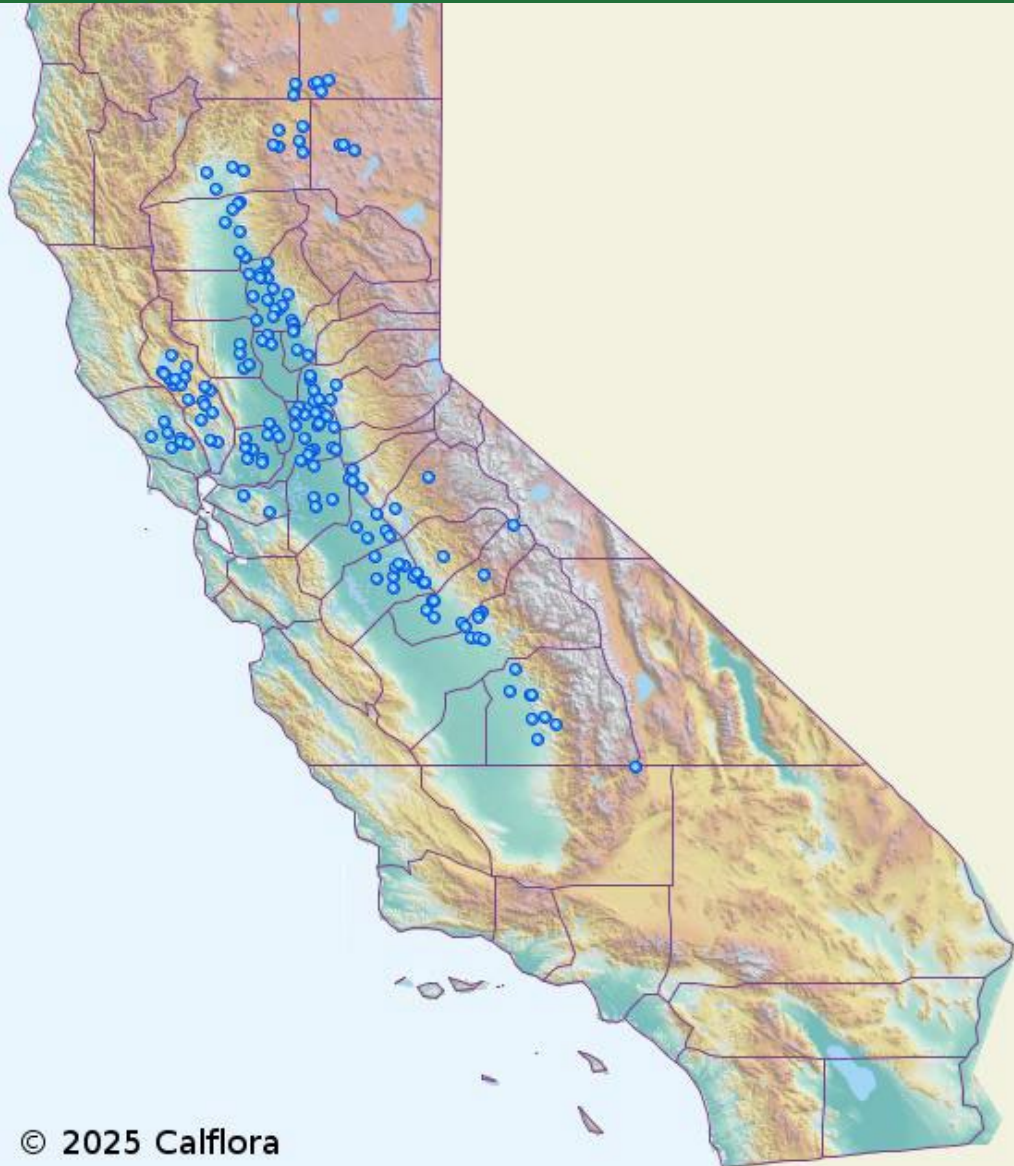


Photo by Calflora Board Member Mona Robison



Calflora cross-references alternate names from:

- USDA PLANTS
- the Jepson eFlora
- iNaturalist
- Plants of the World Online (Royal Botanic Gardens, Kew)
- the CNPS Rare Plant Inventory



Calflora cross-references old and new plant names



Smithiastrum prenanthoides
was
Asyneuma prenanthoides
photo by Jordan Collins



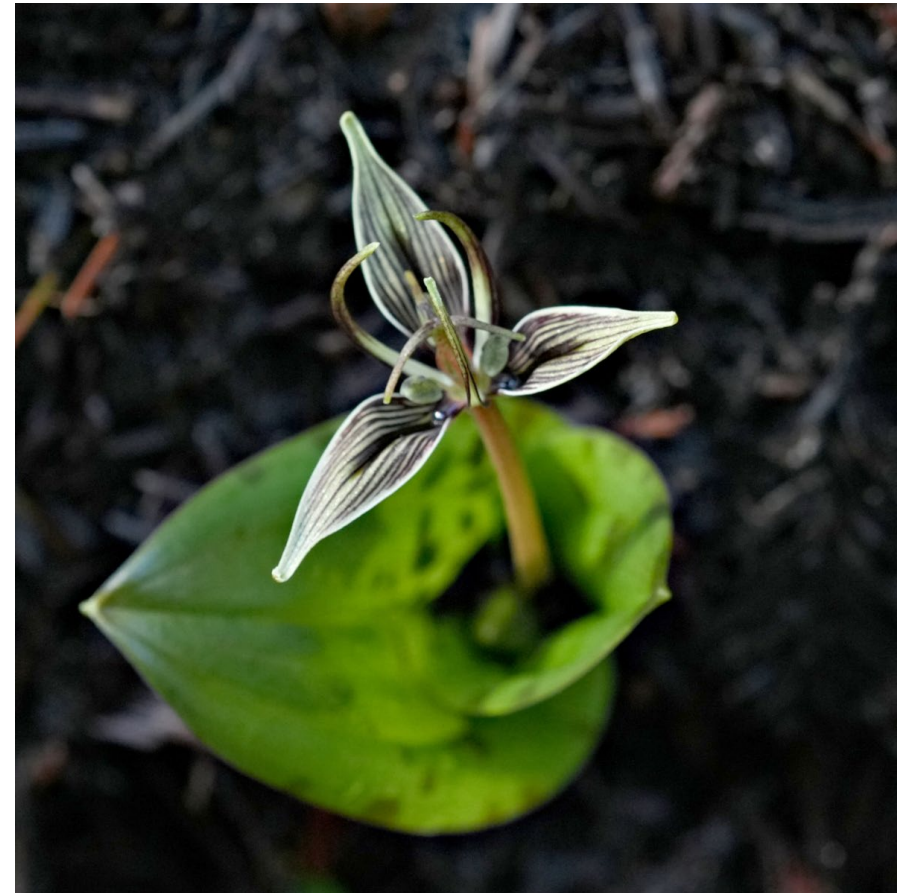
Ravenella angustiflora
was
Campanula angustiflora
photo by David Greenberger



Ravenella griffinii
was
Campanula griffinii
photo by R. A. Chasey



TOLERANCES	Shade tolerant Low water tolerant	
<u>Elevation</u>	35 to 3020 ft	10 to 920 m
<u>Annual Precipitation:</u>	28 to 107 inches	71 to 272 cm
<u>Wet Season</u>	5 to 9 months	
<u>Temperature Range</u>	19 to 50 ° F	-7 to 10 ° C
<u>December Low</u>	34 ° F	1 ° C
<u>July High</u>	86 ° F	30 ° C
<u>Accumulated Temperature</u>	80 to 186 ° F	27 to 86 ° C
<u>Growing Season</u>	4 to 9 months	
<u>Hardiness Zones</u>	9a to 10a (20 to 35 ° F)	
SOIL:		
<u>pH</u>	4.7 to 7	
<u>Max Salinity</u>	1.1 mmhos / cm (non-saline)	
<u>Min Depth</u>	12 inches	30 cm
<u>Textures:</u>	Decomposed plant material, Clay loam, Silt loam, Loam, Sandy loam	
<u>Max CaCO3</u>	0 % (none)	
<u>Min AWS</u>	2.5 cm	

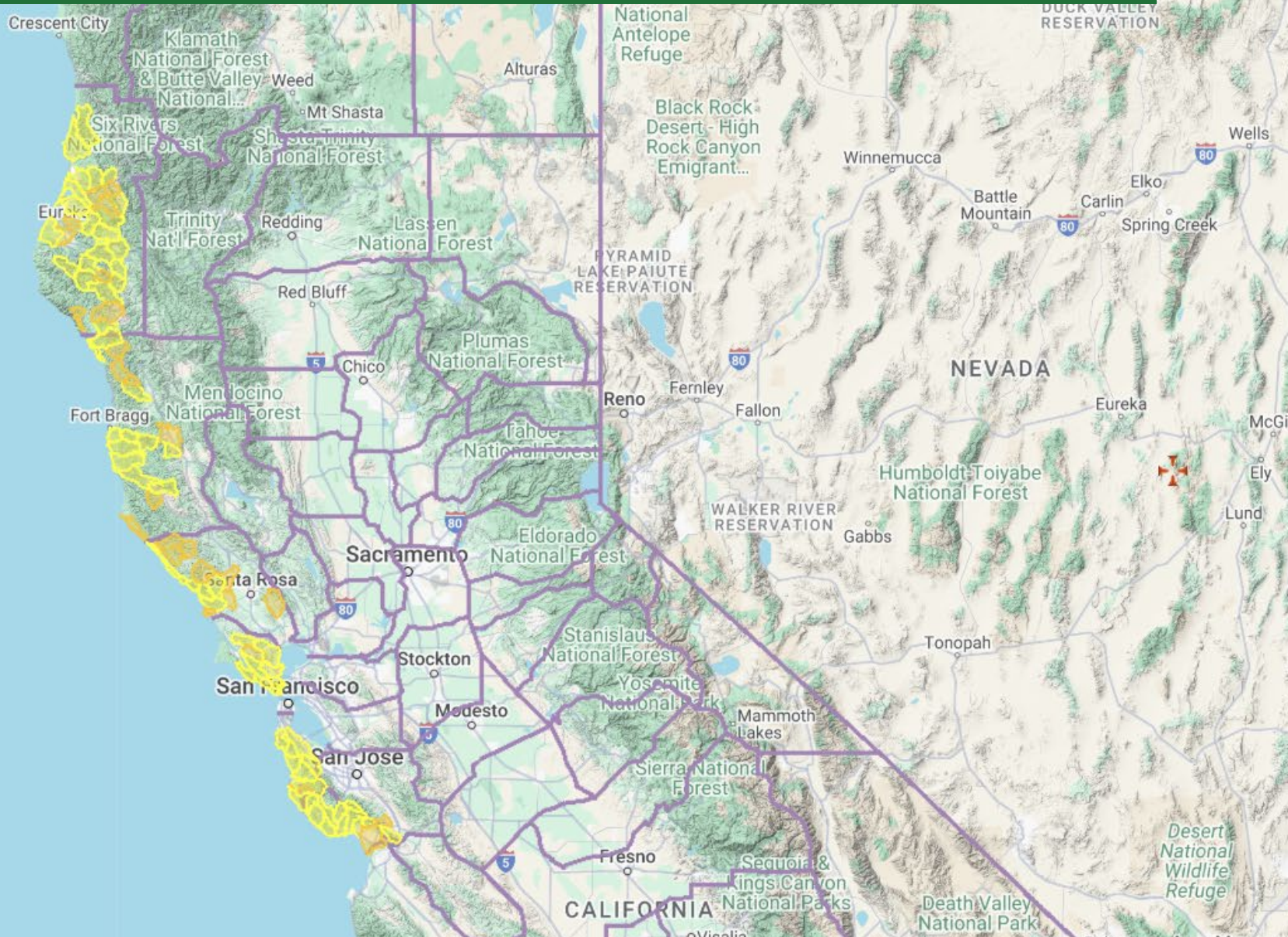


Scoliopus bigelovii

Photo by Calflora Volunteer Mary Ann Machi



Scoliopus bigelovii Potential Habitat





Pollinator info now on Calflora!



Over 1,500 plant species in California are associated with beneficial organisms such as pollinators. Now, you can use Calflora to find out which plant species are associated with which pollinator(s).



Use history stacks to show plant population change over time.



Current info for amateur and professional botanists, researchers, climate scientists, and YOU.

Without Calflora, this valuable and widely available info would not be available. Other states don't have a resource like Calflora (yet).

[A word from our Board members in the audience.]



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Also, my staff and Board are dedicated, responsive, smart, and passionate and compassionate people to boot.



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Questions?