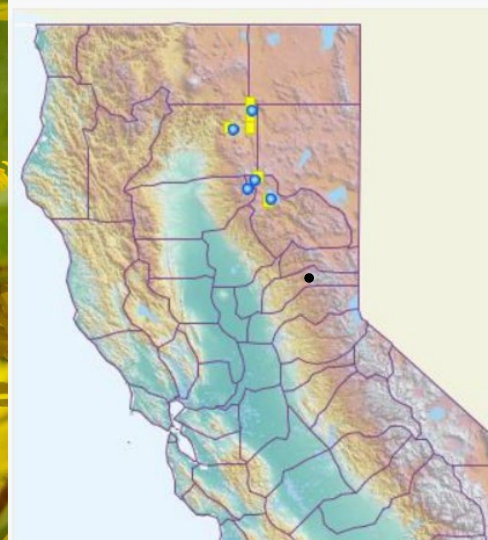


Rediscoveries, range extensions,  
and otherwise notable collections  
while creating the upcoming Flora  
of Nevada County



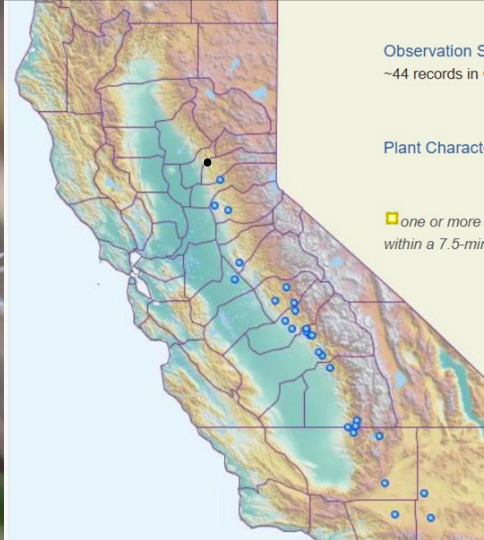
JANUARY 13, 2025  
NORTHERN CALIFORNIA  
BOTANISTS SYMPOSIUM

PRESENTER: SHANE HANOFEE



- ~65 mi range extension
- New southern extent in California
- Very nearly the southern extent in the species' entire range

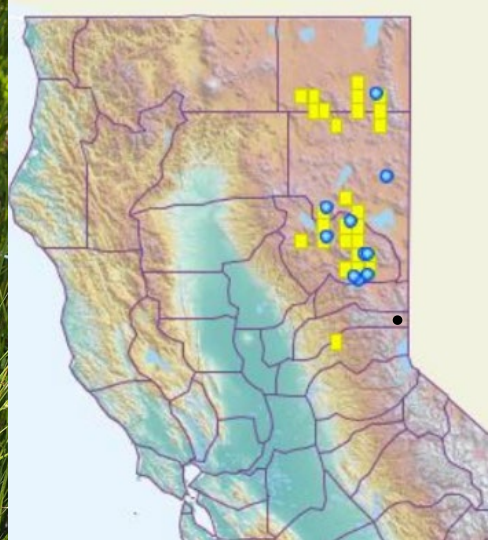
*Lysimachia thyrsiflora* – CRPR 2B.3



- Few modern collections with only 3 (now 4) made since 1985
- Collected once in Placer County in 1882
- Rediscovered in El Dorado County in 2017 after 70 years
- New northern extent for the species
- One collection from Plumas County in 1894 is erroneous



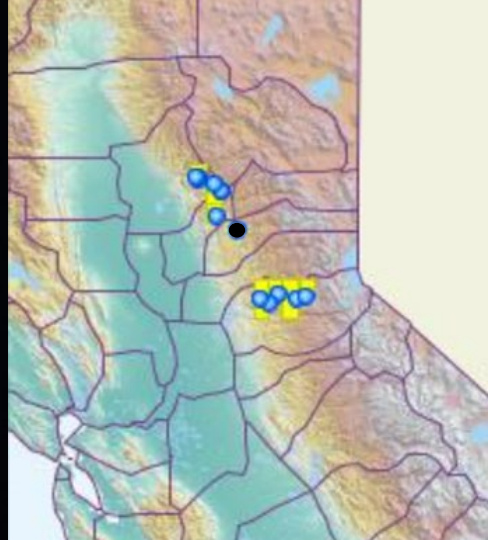
*Monardella candicans* – CRPR 4.3



- ~30 mi range extension from closest extant population
- Placer County population is thought to be extirpated

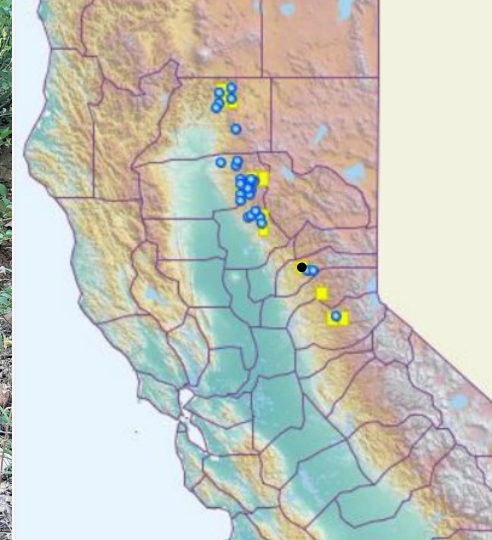


*Carex sheldonii* – CRPR 2B.2



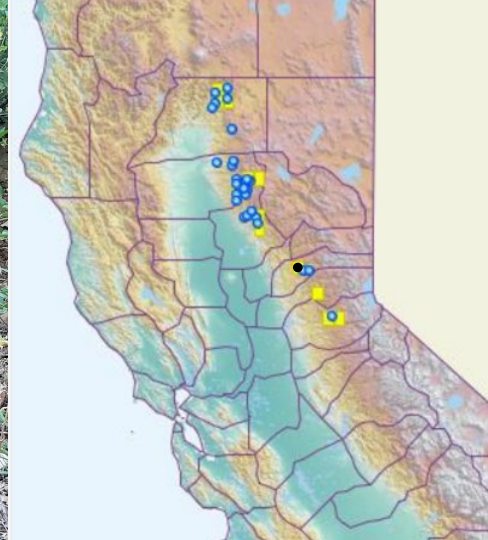
- Described in 2013
- Closes the gap between populations in Butte/Yuba Cos and El Dorado Co

*Carex cyrtostachya* – CRPR 1B.2



- Collected in Nev Co in 2006 and 2013 by Dean Taylor
- This collections represents a 3rd population in the county

*Streptanthus longisiliquus* – CRPR 4.3

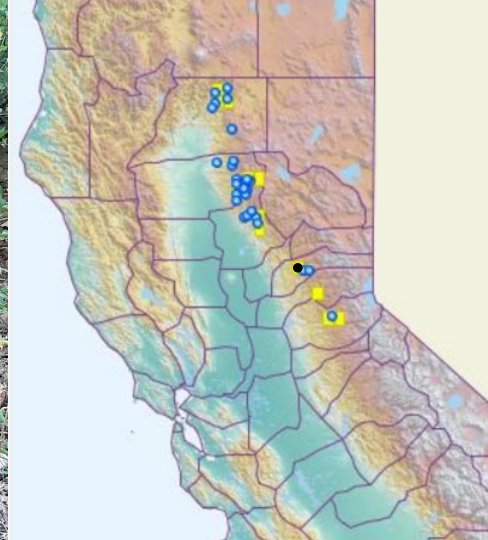
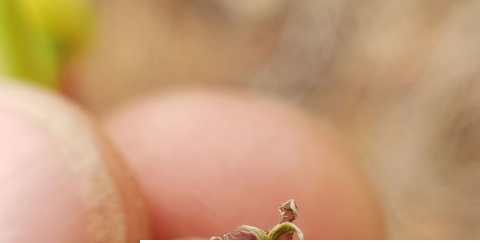


## Notes

### Notes:

Does this plant occur in NEV, PLU, or YUB Cos.?  
Possibly threatened by logging and vehicles.  
See *S. campestris* in *TJM* (1993). See *Madroño*  
54(1): 94-95 (2007) for original description.

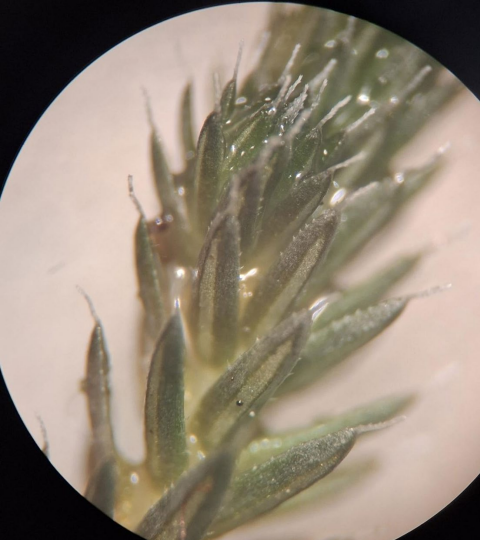
- Collected in Nev Co in 2006 and 2013 by Dean Taylor
- This collections represents a 3rd population in the county



- Collected in Nev Co in 2006 and 2013 by Dean Taylor
- This collections represents a 3rd population in the county

*Streptanthus longisiliquus* – CRPR 4.3





- ~130 mi range extension
- New northern extent for the species' entire range
- First collected, but misidentified, by Lowell Ahart in 2011
- At least two extensive populations occur in Nev Co
- Also collected in Placer County
- Good candidate for study with possible cryptic diversity - longer awns than typical for SoCal plants; lacking leaf base hairs

*Selaginella asprella* – CRPR 4.3





- Collected in 1902 near Carson City, NV by C.F. Baker
- Named *C. bakeri* by Greene but the name is not published
- Finally published by McMinn in 1942
- Never seen after type collection until 111 years later when Jeff Bisbee discovers a new population the Nevada side of Lake Tahoe (2013)
- Discovered in Nev Co, CA near the state border in 2023
- Likely parentage is *C. cuneatus* x *C. prostratus* but *C. cuneatus* is not currently found within 40 mi of this location
- Cross likely happened when *C. cuneatus* was more widespread and *C. xbakeri* had adaptations to allow it to survive a drying climate as the Sierras uplifted

*Ceanothus xbakeri* - state record



1. Annual; leaf blade  $\pm$  ovate , veins generally 3–5 ..... *A. serpyllifolia* var. *serpyllifolia*

1' Perennial herb; leaf blade lanceolate to oblanceolate to linear or needle-shaped, vein  $\pm$  1

2. Flowers few to many in cyme , terminal or axillary ; petals 1.5–3.5 mm; stem rounded, dull, hairs minute, down-curved ..... *A. lanuginosa* var. *saxosa*

2' Flower 1, axillary; petals 5–6 mm; stem angled or grooved, shiny, glabrous except at nodes ..... *A. paludicola*

- Grows in a natural spring within a meadow surrounded by *Pinus jeffreyi* forest
- Similar to and keys to *A. paludicola* in both TJM2 and FNA
- *A. paludicola* is a 1B.1 rarity that grows ~171 mi west on the coast - but the habitat and many of the associated species are the same between the two
- Somewhat similar to some montane Central and South American species
- Either an extremely disjunct population of one of these or an undescribed species

***Arenaria* sp. – likely undescribed**



- Known from only a few thousand individuals across 35 acres
- Gabbro endemic, probably
- All publicly accessible habitat has been exhausted but private properties could hold more plants
- Blooms for 4 weeks - flowers open only 2-3 hours a day in the afternoon
- Never collected before the type



*Navarretia fugax* sp. nov.



# Questions?

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