

Corallorhiza trifida

rediscovered in the Lake Tahoe Basin after a century



DISCOVERY -

Corallorhiza trifida forma trifida found near South Lake Tahoe



-four early coralroot plants were found growing along a stream bank on June 24, 2023 while performing botanical surveys for the LTBMU.



under white fir, incense cedar and quaking aspen. A past dozerline marked the edge of the population.



Flowers had magenta-tinged petals and sepals with some spotting (a color form



Four additional plants were found upstream in a more open area with denser vegetative ground cover.

RESEARCH AND FINDINGS

1. Range and Rarity





2. Lookalikes



	C. trifida	C. maculata f. flavida
petal/sepal color	chartreuse green	lemon yellow
petal/sepal vein	one vein	three veins
labellum size	<5mm	>5mm
overall height	8-36 cm	10-65 cm

4. More Discoveries!













3. Historical Records





- It was determined to be *C. trifida* in 1990 when it was examined for the Flora of North America



CONCLUSION



Herbarium records show that C. trifida has been in the Sierra Nevada for quite some time; it was documented in the Lake Tahoe Basin over 100 years ago Both Corallorhiza trifida forma trifida and verna were documented in the Tahoe Basin this year; geographic separation of these forms might not be straightforward At least two Calflora records have been shown to be misidentifications through our efforts; remaining records will need to be relocated to be confident in accuracy



...it is inspiring to know that even in heavily explored areas of our country, new things are still happening in the world of native orchids. - Ron Coleman; the American Orchid Society Bulletin, April 1991