

## Report for *Verbena californica*

### TAXON DETAILS

#### Classification

<b>Scientific Name</b>	<i>Verbena californica</i> Mold.
<b>Common Name</b>	Red Hills vervain
<b>Family</b>	Verbenaceae
<b>Element Code</b>	PDVER0N050
<b>USDA Plants Symbol</b>	<u>VECA9</u>
<b>Synonyms/Other Names</b>	

#### Conservation Status

<b>California Rare Plant Rank</b>	1B.1
<b>Global Rank</b>	G2
<b>State Rank</b>	S2
<b>CESA</b>	CT (08/01/94)
<b>FESA</b>	09/14/98 (09/14/98)
<b>Other Status</b>	SB_CalBG/RSABG; SB_UCBG
<b>CRPR Changes</b>	
<b>Date Added</b>	1984-01-01
<b>Last Update</b>	2022-06-08

#### Ecology and Life History

<b>Lifeform</b>	perennial herb
<b>Blooming Period</b>	May-Sep
<b>Elevation m (ft)</b>	260-400 (855-1310)
<b>General Habitats</b>	Cismontane woodland, Valley and foothill grassland
<b>Microhabitat Details</b>	usually serpentinite creeks
<b>Microhabitat</b>	Mesic, Seeps (usually), Serpentine (usually)

**Threat List Data from the CNDDDB**

<b>Threat List Total:</b>		12
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>10</b>	<b>83%</b>
<b>Threat List:</b>		
Foot traffic/trampling	6	50%
Other	6	50%
Improper burning regime	5	41%
Altered flood/tidal/hydrologic regime	4	33%
Recreational use (non-ORV)	4	33%
Grazing	3	25%
Development	2	16%
Non-native plant impacts	2	16%
ORV activity	2	16%
Mining	1	8%
Feral pigs	1	8%
Vandalism/dumping/litter	1	8%

**Element Occurrence Data from the CNDDDB**

<b>Total Element Occurrences:</b>	12
<b>Element Occurrence Ranks:</b>	
Excellent (A)	2
Good (B)	3
Fair (C)	3
Poor (D)	0
None (X)	0
Unknown (U)	4
<b>Occurrence Status</b>	
Historical, > 20 years	5
Recent, < 20 years	7
<b>Presence</b>	
Presumed Extant	12
Possibly Extirpated	0
Presumed Extirpated	0

**Location**

**California Endemic** Yes

**Counties**  
Tuolumne (TUO)

**States**  
California (CA)

**Quads**  
Chinese Camp (3712074), Keystone (3712075), Sonora (3712084)

## **Notes**

Definitions of codes preceding a county and/or quad:

\* Presumed extirpated

(\*) Possibly extirpated

Species may be present in other areas where conditions are favorable. These data should NOT be substituted for pre-project review or for on-site surveys.

## **Notes**

Known only from the Red Hills. Threatened by grazing, mining, development, non-native plants, recreation, foot traffic, and vehicles. Protected in part at Red Hills ACEC (BLM).

## **Threats**

## **Taxonomy**

## **Selected References**

## **Suggested Citation**

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 30 November 2024].