

## Report for *Epilobium howellii*

### TAXON DETAILS

#### Classification

Scientific Name	<i>Epilobium howellii</i> Hoch
Common Name	subalpine fireweed
Family	Onagraceae
Element Code	PDONA06180
USDA Plants Symbol	<u>EPHO3</u>
Synonyms/Other Names	

#### Conservation Status

California Rare Plant Rank	4.3
Global Rank	G4
State Rank	S4
CESA	None
FESA	None
Other Status	
CRPR Changes	changed from 1B.3 to 4.3 on 2009-09-28
Date Added	1994-01-01
Last Update	2021-12-09

#### Ecology and Life History

Lifeform	perennial stoloniferous herb
Blooming Period	Jul-Aug
Elevation m (ft)	2000-3120 (6560-10235)
General Habitats	Meadows and seeps, Subalpine coniferous forest
Microhabitat Details	
Microhabitat	Mesic

**Threat List Data from the CNDDDB**

<b>Threat List Total:</b>		9
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>70</b>	<b>71%</b>
<b>Threat List:</b>		
Grazing	29	29%
Road/trail construction/maint.	24	24%
Logging	15	15%
ORV activity	14	14%
Foot traffic/trampling	14	14%
Recreational use (non-ORV)	4	4%
Other	3	3%
Improper burning regime	2	2%
Development	1	1%

**Element Occurrence Data from the CNDDDB**

<b>Total Element Occurrences:</b>	99
<b>Element Occurrence Ranks:</b>	
Excellent (A)	15
Good (B)	43
Fair (C)	27
Poor (D)	1
None (X)	0
Unknown (U)	13
<b>Occurrence Status</b>	
Historical, > 20 years	6
Recent, < 20 years	93
<b>Presence</b>	
Presumed Extant	99
Possibly Extirpated	0
Presumed Extirpated	0

**Location**

**California Endemic** Yes

**Counties**

Alpine (ALP), El Dorado (ELD), Fresno (FRE), Madera (MAD), Mono (MNO), Nevada (NEV), Sierra (SIE), Tuolumne (TUO)

**States**

California (CA)

**Quads**

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Bloody Mtn. (3711858), Calpine (3912064), Caples Lake (3812061), Carson Pass (3811968), Clio (3912065), Crystal Crag (3711951), Dinkey Creek (3711912), Ebbetts Pass (3811957), Freel Peak (3811978), Haypress Valley (3912055), Huntington Lake (3711922), Independence Lake (3912043), Kaiser Peak (3711932), Little Shuteye Peak (3711944), Mammoth Mtn. (3711961), Mt. Abbot (3711847), Mt. Givens (3711931), Musick Mtn. (3711923), Nelson Mtn. (3711911), Patterson Mtn. (3611981), Pinecrest (3811928), Sattley (3912054), Shuteye Peak (3711934), Sing Peak (3711954), South Lake Tahoe (3811988), Spicer Meadows Res. (3811948), Squaw Dome (3711943), Timber Knob (3711953), Vogelsang Peak (3711973), Webber Peak (3912044)

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## **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**

Threatened by grazing, logging, vehicles and road/trail maintenance. See *Phytologia* 73(6):460-462 (1992) for original description.

## **Threats**

## **Taxonomy**

## **Selected References**

**CNPS Status Review:** CRPR List Change on 2009-09-28

## **Suggested Citation**

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 23 November 2024].