

Report for *Chlorogalum grandiflorum*

TAXON DETAILS

Classification

| | |
|-----------------------------|---------------------------------------|
| Scientific Name | <i>Chlorogalum grandiflorum</i> Hoov. |
| Common Name | Red Hills soaproot |
| Family | Agavaceae |
| Element Code | PMLILOG020 |
| USDA Plants Symbol | <u>CHGR3</u> |
| Synonyms/Other Names | |

Conservation Status

| | |
|-----------------------------------|----------------|
| California Rare Plant Rank | 1B.2 |
| Global Rank | G3 |
| State Rank | S3 |
| CESA | None |
| FESA | None |
| Other Status | BLM_S; SB_SBBG |
| CRPR Changes | |
| Date Added | 1974-01-01 |
| Last Update | 2022-12-06 |

Ecology and Life History

| | |
|-----------------------------|---|
| Lifeform | perennial bulbiferous herb |
| Blooming Period | (Apr)May-Jun |
| Elevation m (ft) | 245-1690 (805-5545) |
| General Habitats | Chaparral, Cismontane woodland, Lower montane coniferous forest |
| Microhabitat Details | other soils |
| Microhabitat | Gabbroic, Serpentine |

Threat List Data from the CNDDB

| | | |
|--------------------------------|------------------|--------------------|
| Threat List Total: | | 15 |
| | Total EOs | Percent EOs |
| EOs with Threats Listed | 68 | 50% |
| Threat List: | | |
| Logging | 31 | 22% |
| Road/trail construction/maint. | 25 | 18% |
| Other | 17 | 12% |
| Development | 11 | 8% |
| Non-native plant impacts | 10 | 7% |
| ORV activity | 4 | 2% |
| Mining | 4 | 2% |
| Biocides | 4 | 2% |
| Grazing | 4 | 2% |
| Vandalism/dumping/litter | 3 | 2% |
| Wood cutting or brush clearing | 3 | 2% |
| Erosion/runoff | 2 | 1% |
| Foot traffic/trampling | 2 | 1% |
| Disking | 1 | 0% |
| Recreational use (non-ORV) | 1 | 0% |

Element Occurrence Data from the CNDDB

| | |
|-----------------------------------|-----|
| Total Element Occurrences: | 137 |
| Element Occurrence Ranks: | |
| Excellent (A) | 7 |
| Good (B) | 41 |
| Fair (C) | 19 |
| Poor (D) | 5 |
| None (X) | 0 |
| Unknown (U) | 65 |
| Occurrence Status | |
| Historical, > 20 years | 37 |
| Recent, < 20 years | 100 |
| Presence | |
| Presumed Extant | 137 |
| Possibly Extirpated | 0 |
| Presumed Extirpated | 0 |

Location

California Endemic Yes

Counties

Amador (AMA), Calaveras (CAL), El Dorado (ELD), Placer (PLA), Tuolumne (TUO)

States

California (CA)

Quads

Aukum (3812056), Chinese Camp (3712074), Clarksville (3812161), Colfax (3912018), Coloma (3812078), Devil Peak (3812085), Devils Nose (3812044), Dorrington (3812033), Foresthill (3912017), Fort Mountain (3812034), Garden Valley (3812077), Georgetown (3812087), Greek Store (3912015), Greenwood (3812088), Michigan Bluff (3912016), New Melones Dam (3712085), Omo Ranch (3812055), Pilot Hill (3812171), Pine Grove (3812046), Pollock Pines (3812075), Rail Road Flat (3812035), Riverton (3812074), Robbs Peak (3812084), Salt Spring Valley (3812016), Shingle Springs (3812068), Slate Mtn. (3812076), Sonora (3712084), Tunnel Hill (3812086), West Point (3812045)

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 development, mining, road construction, and vehicles. Possibly threatened by trail maintenance, logging and non-native plants. See *Leaflets of Western Botany* 2(8):128 (1938) for original description.

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 22 July 2024].