

## Report for *Synthyris missurica* ssp. *missurica*

### TAXON DETAILS

#### Classification

|                      |   |
|----------------------|---|
| Scientific Name      | <i>Synthyris missurica</i> (Raf.) Penn. ssp. <i>missurica</i> |
| Common Name          | kitten-tails  |
| Family               | Plantaginaceae  |
| Element Code         | PDSCR1W042  |
| USDA Plants Symbol   | <u>SYMIM2</u>   |
| Synonyms/Other Names |   |

#### Conservation Status

|                            |  |
|----------------------------|--|
| California Rare Plant Rank | 2B.3                                   |
| Global Rank                | G4G5T4T5                               |
| State Rank                 | S3                                     |
| CESA                       | None                                   |
| FESA                       | None                                   |
| Other Status               | SB_BerrySB                             |
| CRPR Changes               | changed from 2.3 to 2B.3 on 2013-06-12 |
| Date Added                 | 2001-01-01                             |
| Last Update                | 2021-05-26                             |

#### Ecology and Life History

|                      |   |
|----------------------|---|
| Lifeform             | perennial rhizomatous herb  |
| Blooming Period      | (May)Jun-Jul(Aug)   |
| Elevation m (ft)     | 2000-2560 (6560-8400)   |
| General Habitats     | Lower montane coniferous forest, Subalpine coniferous forest, Upper montane coniferous forest |
| Microhabitat Details |   |
| Microhabitat         |   |

## Threat List Data from the CNDDB

|                                |                  |                    |
|--------------------------------|------------------|--------------------|
| <b>Threat List Total:</b>      |                  | 7                  |
|                                | <b>Total EOs</b> | <b>Percent EOs</b> |
| <b>EOs with Threats Listed</b> | <b>18</b>        | <b>51%</b>         |
| <b>Threat List:</b>            |                  |                    |
| Grazing                        | 9                | 25%                |
| Foot traffic/trampling         | 8                | 22%                |
| Logging                        | 7                | 20%                |
| Recreational use (non-ORV)     | 4                | 11%                |
| Road/trail construction/maint. | 3                | 8%                 |
| Other                          | 3                | 8%                 |
| Mining                         | 1                | 2%                 |

## Element Occurrence Data from the CNDDB

|                                   |    |
|-----------------------------------|----|
| <b>Total Element Occurrences:</b> | 35 |
| <b>Element Occurrence Ranks:</b>  |    |
| Excellent (A)                     | 1  |
| Good (B)                          | 10 |
| Fair (C)                          | 2  |
| Poor (D)                          | 0  |
| None (X)                          | 0  |
| Unknown (U)                       | 22 |
| <b>Occurrence Status</b>          |    |
| Historical, > 20 years            | 14 |
| Recent, < 20 years                | 21 |
| <b>Presence</b>                   |    |
| Presumed Extant                   | 35 |
| Possibly Extirpated               | 0  |
| Presumed Extirpated               | 0  |

## Location

|  |    |
|--|----|
| <b>California Endemic</b>  | No |
| <b>Counties</b>  |    |
| Lassen (LAS), Modoc (MOD)  |    |
| <b>States</b>  |    |
| California (CA), Idaho (ID), Montana (MT), Oregon (OR), Washington (WA)  |    |
| <b>Quads</b>   |    |
| Davis Creek (4112063), Eagle Peak (4112032), Emerson Peak (4112022), Mt. Bidwell (4112082), Payne Peak (4112053), Shields Creek (4112043), Snake Lake (4112021), Soup Creek (4112033), Warren Peak (4112042), Willow Ranch (4112083) |    |

## **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 in CA only from the Warner Mtns. Potentially threatened by grazing, trampling, and mining. See *Proceedings of the Academy of Natural Sciences of Philadelphia* 85:89 (1933) for revised nomenclature.

## **Threats**

## **Taxononmy**

## **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 6 May 2024].