

## Report for *Streptanthus bernardinus*

### TAXON DETAILS

#### Classification

|                      |   |
|----------------------|---|
| Scientific Name      | <i>Streptanthus bernardinus</i> (Greene) Parish |
| Common Name          | Laguna Mountains jewelflower                    |
| Family               | Brassicaceae                                    |
| Element Code         | PDBRA2G060                                      |
| USDA Plants Symbol   | <u>STBE</u>                                     |
| Synonyms/Other Names |   |

#### Conservation Status

|                            |                |
|----------------------------|----------------|
| California Rare Plant Rank | 4.3            |
| Global Rank                | G3G4           |
| State Rank                 | S3S4           |
| CESA                       | None           |
| FESA                       | None           |
| Other Status               | SB_CalBG/RSABG |
| CRPR Changes               |                |
| Date Added                 | 1980-01-01     |
| Last Update                | 2021-05-26     |

#### Ecology and Life History

|                      |  |
|----------------------|--|
| Lifeform             | perennial herb                             |
| Blooming Period      | May-Aug                                    |
| Elevation m (ft)     | 670-2500 (2200-8205)                       |
| General Habitats     | Chaparral, Lower montane coniferous forest |
| Microhabitat Details |  |
| Microhabitat         |  |

## Threat List Data from the CNDDDB

|                                |                  |                    |
|--------------------------------|------------------|--------------------|
| <b>Threat List Total:</b>      |                  | 6                  |
|                                | <b>Total EOs</b> | <b>Percent EOs</b> |
| <b>EOs with Threats Listed</b> | <b>6</b>         | <b>27%</b>         |
| <b>Threat List:</b>            |                  |                    |
| Recreational use (non-ORV)     | 5                | 22%                |
| Road/trail construction/maint. | 3                | 13%                |
| Development                    | 2                | 9%                 |
| Logging                        | 1                | 4%                 |
| Non-native plant impacts       | 1                | 4%                 |
| ORV activity                   | 1                | 4%                 |

## Element Occurrence Data from the CNDDDB

|                                   |    |
|-----------------------------------|----|
| <b>Total Element Occurrences:</b> | 22 |
| <b>Element Occurrence Ranks:</b>  |    |
| Excellent (A)                     | 1  |
| Good (B)                          | 5  |
| Fair (C)                          | 1  |
| Poor (D)                          | 0  |
| None (X)                          | 0  |
| Unknown (U)                       | 15 |
| <b>Occurrence Status</b>          |    |
| Historical, > 20 years            | 22 |
| Recent, < 20 years                | 0  |
| <b>Presence</b>                   |    |
| Presumed Extant                   | 22 |
| Possibly Extirpated               | 0  |
| Presumed Extirpated               | 0  |

## Location

|                           |     |
|---------------------------|-----|
| <b>California Endemic</b> | Yes |
|---------------------------|-----|

|  |
|--|
| <b>Counties</b>  |
| Riverside (RIV), San Bernardino (SBD), San Diego (SDG) |

|  |
|--|
| <b>States</b>                          |
| Baja California (BA)?, California (CA) |

|   |
|---|
| <b>Quads</b>  |
| Big Bear City (3411637), Big Bear Lake (3411628), Butler Peak (3411731), Cajon (3411734), Cucamonga Peak (3411725), Cuyamaca Peak (3211685), Devore (3411724), Dulzura (3211667), Fawnskin (3411638), Forest Falls (3411618), Harrison Mtn. (3411722), Idyllwild (3311666), Imperial Beach (3211751), Jamul Mountains (3211668), Julian (3311615), Keller Peak (3411721), Lake Arrowhead (3411732), Lake Fulmor (3311677), Monument Peak (3211684), Mount Laguna (3211674), National City (3211761), Otay Mesa (3211658), Otay Mountain (3211657), Queen Mtn. (3411611), San Bernardino North (3411723), San Geronio Mtn. (3411617), San Jacinto Peak (3311676), Twentynine Palms (3411621) |

## **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**

Does plant occur in BA? Threatened by recreational activities, vehicles, and road maintenance.

## **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 4 May 2024].