

## Report for *Navarretia leucocephala* ssp. *bakeri*

### TAXON DETAILS



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### Classification

|                      |                                                                           |
|----------------------|---------------------------------------------------------------------------|
| Scientific Name      | <i>Navarretia leucocephala</i> Benth. ssp. <i>bakeri</i> (Mason) A.G. Day |
| Common Name          | Baker's navarretia                                                        |
| Family               | Polemoniaceae                                                             |
| Element Code         | PDPLM0C0E1                                                                |
| USDA Plants Symbol   | <u>NALEB</u>                                                              |
| Synonyms/Other Names |                                                                           |

### Conservation Status

|                            |                |
|----------------------------|----------------|
| California Rare Plant Rank | 1B.1           |
| Global Rank                | G4T2           |
| State Rank                 | S2             |
| CESA                       | None           |
| FESA                       | None           |
| Other Status               | SB_CalBG/RSABG |
| CRPR Changes               |                |
| Date Added                 | 1994-01-01     |
| Last Update                | 2022-12-06     |

### Ecology and Life History

|                      |                                                                                                                      |
|----------------------|----------------------------------------------------------------------------------------------------------------------|
| Lifeform             | annual herb                                                                                                          |
| Blooming Period      | Apr-Jul                                                                                                              |
| Elevation m (ft)     | 5-1740 (15-5710)                                                                                                     |
| General Habitats     | Cismontane woodland, Lower montane coniferous forest, Meadows and seeps, Valley and foothill grassland, Vernal pools |
| Microhabitat Details |                                                                                                                      |
| Microhabitat         | Mesic                                                                                                                |

## 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>27</b>        | <b>42%</b>         |
| <b>Threat List:</b>            |                  |                    |
| Development                    | 10               | 15%                |
| Grazing                        | 9                | 14%                |
| Agriculture                    | 8                | 12%                |
| Other                          | 5                | 7%                 |
| Non-native plant impacts       | 4                | 6%                 |
| Foot traffic/trampling         | 3                | 4%                 |
| Road/trail construction/maint. | 3                | 4%                 |
| Surface water diversion        | 2                | 3%                 |
| ORV activity                   | 2                | 3%                 |
| Recreational use (non-ORV)     | 2                | 3%                 |
| Feral pigs                     | 1                | 1%                 |
| Vandalism/dumping/litter       | 1                | 1%                 |

## Element Occurrence Data from the CNDDDB

|                                   |    |
|-----------------------------------|----|
| <b>Total Element Occurrences:</b> | 64 |
| <b>Element Occurrence Ranks:</b>  |    |
| Excellent (A)                     | 5  |
| Good (B)                          | 8  |
| Fair (C)                          | 3  |
| Poor (D)                          | 0  |
| None (X)                          | 10 |
| Unknown (U)                       | 38 |
| <b>Occurrence Status</b>          |    |
| Historical, > 20 years            | 42 |
| Recent, < 20 years                | 22 |
| <b>Presence</b>                   |    |
| Presumed Extant                   | 54 |
| Possibly Extirpated               | 6  |
| Presumed Extirpated               | 4  |

## Location

|                                                                                                                                                                                   |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| <b>California Endemic</b>                                                                                                                                                         | Yes |
| <b>Counties</b>                                                                                                                                                                   |     |
| Colusa (COL), Glenn (GLE), Humboldt (HUM), Lake (LAK), Lassen (LAS), Marin (MRN), Mendocino (MEN), Napa (NAP), Solano (SOL), Sonoma (SON), Sutter (SUT), Tehama (TEH), Yolo (YOL) |     |
| <b>States</b>                                                                                                                                                                     |     |
| California (CA)                                                                                                                                                                   |     |

## Quads

Allendale (3812148), Arbuckle (3912211), Balls Ferry (4012242), Bend (4012232), Birds Landing (3812127), Blocksburg (4012336), Calistoga (3812255), Clearlake Highlands (3812286), Denverton (3812128), Dozier (3812137), Dunnigan (3812188), Elmira (3812138), Fairfield North (3812231), Gridley (3912136), Grimes (3912118), Healdsburg (3812257), Kenwood (3812245), Kirkwood (3912272), Laughlin Range (3912333), Longvale (3912354), Lower Lake (3812285), Manor Slough (3912223), Mark West Springs (3812256), Middletown (3812275), Owl Creek (4012358), Pennington (3912137), Petaluma River (3812225), Pine Creek Valley (4012151), Redwood Valley (3912332), Santa Rosa (3812246), Saxon (3812146), Sebastopol (3812247), Sherwood Peak (3912355), St. Helena (3812254), Sutter (3912126), Sutter Buttes (3912127), Tuscan Buttes Ne (4012241), Ukiah (3912322), Whispering Pines (3812276), Wildwood School (3812281), Willits (3912343), Willows (3912252), Winters (3812158), Yager Junction (4012357)

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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

May be more widespread; need information. Need quads for COL Co.

## Threats

## Taxononmy

## Selected References

**Original Description:** *Madroño* 8(6):198 (1946)

**Revised Nomenclature:** *Novon* 3(4):331-340 (1993)

**Species Account:** *Navarretia leucocephala* ssp. *bakeri* profile for potential Species of Conservation Concern evaluation (2018)

**Other:** USFS Potential Species of Conservation Concern Profile

## Suggested Citation

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 17 May 2024].