

## Report for *Eriogonum luteolum* var. *caninum*

### TAXON DETAILS

#### Classification

|                      |  |
|----------------------|--|
| Scientific Name      | <i>Eriogonum luteolum</i> Greene var. <i>caninum</i> (Greene) Rev. |
| Common Name          | Tiburon buckwheat  |
| Family               | Polygonaceae   |
| Element Code         | PDPGN083S1   |
| USDA Plants Symbol   | <u>ERLUC</u>   |
| Synonyms/Other Names | <u><i>Eriogonum caninum</i> (Greene) Munz</u>                      |

#### Conservation Status

|                            |  |
|----------------------------|--|
| California Rare Plant Rank | 1B.2                                   |
| Global Rank                | G5T2                                   |
| State Rank                 | S2                                     |
| CESA                       | None                                   |
| FESA                       | None                                   |
| Other Status               | SB_CalBG/RSABG                         |
| CRPR Changes               | changed from 3.2 to 1B.2 on 2007-10-10 |
| Date Added                 | 1974-01-01                             |
| Last Update                | 2022-12-06                             |

#### Ecology and Life History

|                      |  |
|----------------------|--|
| Lifeform             | annual herb  |
| Blooming Period      | May-Sep  |
| Elevation m (ft)     | 0-700 (0-2295)   |
| General Habitats     | Chaparral, Cismontane woodland, Coastal prairie, Valley and foothill grassland |
| Microhabitat Details |  |
| Microhabitat         | Gravelly, Sandy, Serpentine  |

## 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>7</b>         | <b>27%</b>         |
| <b>Threat List:</b>            |                  |                    |
| Non-native plant impacts       | 4                | 15%                |
| Foot traffic/trampling         | 3                | 11%                |
| Development                    | 2                | 7%                 |
| Road/trail construction/maint. | 2                | 7%                 |
| Erosion/runoff                 | 1                | 3%                 |
| Grazing                        | 1                | 3%                 |

## Element Occurrence Data from the CNDDDB

|                                   |    |
|-----------------------------------|----|
| <b>Total Element Occurrences:</b> | 26 |
| <b>Element Occurrence Ranks:</b>  |    |
| Excellent (A)                     | 2  |
| Good (B)                          | 0  |
| Fair (C)                          | 3  |
| Poor (D)                          | 0  |
| None (X)                          | 0  |
| Unknown (U)                       | 21 |
| <b>Occurrence Status</b>          |    |
| Historical, > 20 years            | 13 |
| Recent, < 20 years                | 13 |
| <b>Presence</b>                   |    |
| Presumed Extant                   | 26 |
| Possibly Extirpated               | 0  |
| Presumed Extirpated               | 0  |

## Location

|  |     |
|--|-----|
| <b>California Endemic</b>  | Yes |
| <b>Counties</b>  |     |
| Alameda (ALA), Marin (MRN)   |     |
| <b>States</b>  |     |
| California (CA)  |     |
| <b>Quads</b>   |     |
| Bollinas (3712286), Novato (3812215), Oakland East (3712272), Petaluma (3812226)*, Petaluma River (3812225), San Geronimo (3812216), San Quentin (3712284), San Rafael (3712285) |     |

## **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**

Not clearly distinguishable from var. *luteolum* north of Tiburon. *E. luteolum* is similar to *E. gracile* to the south and *E. vimineum* to the northeast. Threatened by development, foot traffic, and non-native plants. See *Flora Franciscana*, pp. 150-151 (1891) by E. Greene for original description, and *Phytologia* 66(4):378-379 (1989) for alternative treatment which restricts var. *caninum* to ALA and MRN counties.

## **Threats**

## **Taxononmy**

## **Selected References**

**CNPS Status Review:** CRPR List Change on 2007-10-10

## **Suggested Citation**

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 19 May 2024].