

## Report for *Eryngium spinosepalum*

### TAXON DETAILS

#### Classification

|                      |                                    |
|----------------------|------------------------------------|
| Scientific Name      | <i>Eryngium spinosepalum</i> Math. |
| Common Name          | spiny-sepaled button-celery        |
| Family               | Apiaceae                           |
| Element Code         | PDAP10Z0Y0                         |
| USDA Plants Symbol   | <u>ERSP16</u>                      |
| Synonyms/Other Names |                                    |

#### Conservation Status

|                            |                |
|----------------------------|----------------|
| California Rare Plant Rank | 1B.2           |
| Global Rank                | G2             |
| State Rank                 | S2             |
| CESA                       | None           |
| FESA                       | None           |
| Other Status               | BLM_S; SB_SBBG |
| CRPR Changes               |                |
| Date Added                 | 1980-01-01     |
| Last Update                | 2022-12-06     |

#### Ecology and Life History

|                      |                                             |
|----------------------|---------------------------------------------|
| Lifeform             | annual/perennial herb                       |
| Blooming Period      | Apr-Jun                                     |
| Elevation m (ft)     | 80-975 (260-3200)                           |
| General Habitats     | Valley and foothill grassland, Vernal pools |
| Microhabitat Details |                                             |
| Microhabitat         |                                             |

### Threat List Data from the CNDDDB

|                                       |                  |                    |
|---------------------------------------|------------------|--------------------|
| <b>Threat List Total:</b>             |                  | 15                 |
|                                       | <b>Total EOs</b> | <b>Percent EOs</b> |
| <b>EOs with Threats Listed</b>        | <b>31</b>        | <b>29%</b>         |
| <b>Threat List:</b>                   |                  |                    |
| Grazing                               | 17               | 15%                |
| Agriculture                           | 9                | 8%                 |
| Development                           | 9                | 8%                 |
| Road/trail construction/maint.        | 8                | 7%                 |
| Dam/Inundation                        | 2                | 1%                 |
| Altered flood/tidal/hydrologic regime | 2                | 1%                 |
| ORV activity                          | 2                | 1%                 |
| Other                                 | 2                | 1%                 |
| Recreational use (non-ORV)            | 1                | 0%                 |
| Non-native plant impacts              | 1                | 0%                 |
| Biocides                              | 1                | 0%                 |
| Erosion/runoff                        | 1                | 0%                 |
| Foot traffic/trampling                | 1                | 0%                 |
| Surface water diversion               | 1                | 0%                 |
| Waterway bank protection/maintenance  | 1                | 0%                 |

### Element Occurrence Data from the CNDDDB

|                                   |     |
|-----------------------------------|-----|
| <b>Total Element Occurrences:</b> | 108 |
| <b>Element Occurrence Ranks:</b>  |     |
| Excellent (A)                     | 11  |
| Good (B)                          | 16  |
| Fair (C)                          | 5   |
| Poor (D)                          | 0   |
| None (X)                          | 4   |
| Unknown (U)                       | 72  |
| <b>Occurrence Status</b>          |     |
| Historical, > 20 years            | 73  |
| Recent, < 20 years                | 35  |
| <b>Presence</b>                   |     |
| Presumed Extant                   | 104 |
| Possibly Extirpated               | 3   |
| Presumed Extirpated               | 1   |

### Location

|                                                                                                                                                                                  |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| <b>California Endemic</b>                                                                                                                                                        | Yes |
| <b>Counties</b>                                                                                                                                                                  |     |
| Calaveras (CAL), Contra Costa (CCA), Fresno (FRE), Kern (KRN), Madera (MAD), Mariposa (MPA), Merced (MER), San Luis Obispo (SLO), Stanislaus (STA), Tulare (TUL), Tuolumne (TUO) |     |

## **States**

California (CA)

## **Quads**

Bonita Ranch (3612082), California Valley (3512031), Camatta Ranch (3512043), Chickencoop Canyon (3611838), Clifton Court Forebay (3712175), Delano East (3511972), Exeter (3611932), Friant (3611986), Giant Forest (3611857), Glennville (3511866), Globe (3611817), Gravelly Ford (3612072), Gustine (3712038), Holland Canyon (3512052), Ivanhoe (3611942), Kaweah (3611848), Kismet (3712011), La Grange (3712064), Lanes Bridge (3611987), Le Grand (3712022), Little Table Mtn. (3711917), Los Banos (3712017), McFarland (3511962), Merced (3712034), Merced Falls (3712053), Millerton Lake East (3711915), Millerton Lake West (3711916), Miramonte (3611961), Monson (3611943), New Melones Dam (3712085), Newman (3712131), Orange Cove North (3611963), Orange Cove South (3611953), Orchard Peak (3512062), Owens Reservoir (3712032), Pacheco Pass (3712112), Patterson (3712142), Pine Mountain (3511857), Plainsburg (3712023), Planada (3712033), Raynor Creek (3712021), Rocky Hill (3611931), Round Mountain (3611975)\*, San Luis Dam (3712111), San Luis Ranch (3712027), Sand Canyon (3511868), Santiago Creek (3411983), Simmler (3511938), Snelling (3712054), Success Dam (3611818), Tejon Ranch (3511816), Tucker Mtn. (3611962), Wahtoke (3611964), Woodlake (3611941), Woody (3511867)

## **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, grazing, road maintenance, hydrological alterations, and agriculture. Apparently intergrades with *E. castrense*, and possibly *E. vaseyi*.

## **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 17 May 2024].