

Report for *Eastwoodiella californica*

TAXON DETAILS

Classification

| | |
|----------------------|--|
| Scientific Name | <i>Eastwoodiella californica</i> (Kellogg) Morin |
| Common Name | swamp harebell |
| Family | Campanulaceae |
| Element Code | PDCAM02060 |
| USDA Plants Symbol | <u>CACA7</u> |
| Synonyms/Other Names | <u><i>Campanula californica</i></u> |

Conservation Status

| | |
|----------------------------|---------------------------------------|
| California Rare Plant Rank | 1B.2 |
| Global Rank | G3 |
| State Rank | S3 |
| CESA | None |
| FESA | None |
| Other Status | BLM_S; SB_CalBG/RSABG |
| CRPR Changes | changed from 1B to 1B.2 on 2009-04-20 |
| Date Added | 1974-01-01 |
| Last Update | 2023-01-13 |

Ecology and Life History

| | |
|----------------------|--|
| Lifeform | perennial rhizomatous herb |
| Blooming Period | Jun-Oct |
| Elevation m (ft) | 1-405 (5-1330) |
| General Habitats | Bogs and fens, Closed-cone coniferous forest, Coastal prairie, Marshes and swamps (freshwater), Meadows and seeps, North Coast coniferous forest |
| Microhabitat Details | |
| Microhabitat | Mesic |

Threat List Data from the CNDDDB

| | | |
|---------------------------------------|------------------|--------------------|
| Threat List Total: | | 19 |
| | Total EOs | Percent EOs |
| EOs with Threats Listed | 117 | 75% |
| Threat List: | | |
| Road/trail construction/maint. | 51 | 32% |
| Logging | 44 | 28% |
| Other | 34 | 21% |
| Non-native plant impacts | 21 | 13% |
| Development | 19 | 12% |
| Grazing | 12 | 7% |
| Foot traffic/trampling | 11 | 7% |
| Surface water diversion | 7 | 4% |
| Wood cutting or brush clearing | 4 | 2% |
| Altered flood/tidal/hydrologic regime | 4 | 2% |
| ORV activity | 3 | 1% |
| Recreational use (non-ORV) | 2 | 1% |
| Biocides | 2 | 1% |
| Improper burning regime | 2 | 1% |
| Feral pigs | 2 | 1% |
| Agriculture | 1 | 0% |
| Degraded water quality | 1 | 0% |
| Erosion/runoff | 1 | 0% |
| Vandalism/dumping/litter | 1 | 0% |

Element Occurrence Data from the CNDDDB

| | |
|-----------------------------------|-----|
| Total Element Occurrences: | 155 |
| Element Occurrence Ranks: | |
| Excellent (A) | 9 |
| Good (B) | 68 |
| Fair (C) | 30 |
| Poor (D) | 9 |
| None (X) | 5 |
| Unknown (U) | 34 |
| Occurrence Status | |
| Historical, > 20 years | 77 |
| Recent, < 20 years | 78 |
| Presence | |
| Presumed Extant | 150 |
| Possibly Extirpated | 4 |
| Presumed Extirpated | 1 |

Location

| | |
|---------------------------|-----|
| California Endemic | Yes |
|---------------------------|-----|

Counties

Marin (MRN), Mendocino (MEN), Santa Cruz (SCR)*, Sonoma (SON)

States

California (CA)

Quads

Albion (3912327), Annapolis (3812363), Bodega Head (3812331)*, Cold Spring (3912315), Drakes Bay (3812218), Duncans Mills (3812341)*, Dutchmans Knoll (3912356), Elk (3912326), Eureka Hill (3812385), Felton (3712211)*, Fort Bragg (3912347), Gualala (3812375), Inglenook (3912357), Inverness (3812217), Mallo Pass Creek (3912316), Mathison Peak (3912336), McGuire Ridge (3812374), Mendocino (3912337), Noyo Hill (3912346), Plantation (3812353), Point Arena (3812386), Saunders Reef (3812376), Sebastopol (3812247)*, Stewarts Point (3812364), Tomales (3812228)

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

Many occurrences have few plants. Threatened by competition, grazing, development, marsh habitat loss, logging, road maintenance, and trampling. See *Proceedings of the California Academy of Sciences* 12:158 (1861) for original description.

Threats

Taxononmy

Selected References

CNPS Status Review: CRPR List Change on 2009-04-20

CNPS Name Change: Non-Substantive Name Changes: Multiple taxa in Campanulaceae (2023-01-12)

Revised Nomenclature: *Phytoneuron* 2020-49: 1–46 (2020)

Suggested Citation

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