

## Report for *Pleuropogon hooverianus*

### TAXON DETAILS

#### Classification

|                      |   |
|----------------------|---|
| Scientific Name      | <i>Pleuropogon hooverianus</i> (L. Benson) J.T. Howell      |
| Common Name          | North Coast semaphore grass                                 |
| Family               | Poaceae   |
| Element Code         | PMPOA4Y070  |
| USDA Plants Symbol   | <u>PLHO2</u>  |
| Synonyms/Other Names | <u><i>Lophochlaena refracta</i> var. <i>hooverianus</i></u> |

#### Conservation Status

|                            |                            |
|----------------------------|----------------------------|
| California Rare Plant Rank | 1B.1                       |
| Global Rank                | G2                         |
| State Rank                 | S2                         |
| CESA                       | CT (08/01/02)              |
| FESA                       | None                       |
| Other Status               | SB_BerrySB; SB_CalBG/RSABG |
| CRPR Changes               |                            |
| Date Added                 | 1974-01-01                 |
| Last Update                | 2024-03-06                 |

#### Ecology and Life History

|                      |   |
|----------------------|---|
| Lifeform             | perennial rhizomatous herb  |
| Blooming Period      | Apr-Jun   |
| Elevation m (ft)     | 10-671 (35-2200)  |
| General Habitats     | Broadleafed upland forest, Meadows and seeps, North Coast coniferous forest |
| Microhabitat Details |   |
| Microhabitat         | Mesic, Openings   |

## Threat List Data from the CNDDDB

|                                       |                  |                    |
|---------------------------------------|------------------|--------------------|
| <b>Threat List Total:</b>             |                  | 16                 |
|                                       | <b>Total EOs</b> | <b>Percent EOs</b> |
| <b>EOs with Threats Listed</b>        | <b>22</b>        | <b>65%</b>         |
| <b>Threat List:</b>                   |                  |                    |
| Non-native plant impacts              | 13               | 38%                |
| Road/trail construction/maint.        | 10               | 29%                |
| Logging                               | 7                | 20%                |
| Other                                 | 5                | 14%                |
| Grazing                               | 5                | 14%                |
| Erosion/runoff                        | 3                | 8%                 |
| Agriculture                           | 3                | 8%                 |
| Biocides                              | 3                | 8%                 |
| Feral pigs                            | 2                | 5%                 |
| Foot traffic/trampling                | 2                | 5%                 |
| Insufficient population/stand size    | 1                | 2%                 |
| Dam/Inundation                        | 1                | 2%                 |
| Development                           | 1                | 2%                 |
| Altered flood/tidal/hydrologic regime | 1                | 2%                 |
| Recreational use (non-ORV)            | 1                | 2%                 |
| ORV activity                          | 1                | 2%                 |

## Element Occurrence Data from the CNDDDB

|                                   |    |
|-----------------------------------|----|
| <b>Total Element Occurrences:</b> | 34 |
| <b>Element Occurrence Ranks:</b>  |    |
| Excellent (A)                     | 3  |
| Good (B)                          | 14 |
| Fair (C)                          | 5  |
| Poor (D)                          | 2  |
| None (X)                          | 2  |
| Unknown (U)                       | 8  |
| <b>Occurrence Status</b>          |    |
| Historical, > 20 years            | 9  |
| Recent, < 20 years                | 25 |
| <b>Presence</b>                   |    |
| Presumed Extant                   | 32 |
| Possibly Extirpated               | 2  |
| Presumed Extirpated               | 0  |

## Location

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

### **Counties**

Humboldt (HUM), Marin (MRN), Mendocino (MEN), Sonoma (SON)

### **States**

### **Quads**

Bolinas (3712286), Cahto Peak (3912365), Camp Meeker (3812248), Comptche (3912335), Cotati (3812236), Elledge Peak (3912312), Garberville (4012317), Longvale (3912354), Navarro (3912325), Orrs Springs (3912323), Petaluma (3812226), Philo (3912314), San Geronimo (3812216), San Quentin (3712284), San Rafael (3712285), Two Rock (3812237), Willits (3912343)

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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**

Threatened by roadside maintenance, development, timber harvest, feral pigs, and non-native plants. See *American Journal of Botany* 28:360 (1941) for original description, *Leaflets of Western Botany* 4(10):247 (1946) for revised nomenclature, and *Taxon* 27(4):375 (1978) for alternate nomenclature.

### **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 29 April 2024].