# Report for *Phacelia stellaris*

**TAXON DETAILS**

## Classification

| | |
|---|---|
| **Scientific Name** | *Phacelia stellaris* Brand |
| **Common Name** | Brand's star phacelia |
| **Family** | Hydrophyllaceae |
| **Element Code** | PDHYD0C510 |
| **USDA Plants Symbol** | PHST7 |
| **Synonyms/Other Names** | |

## Conservation Status

| | |
|---|---|
| **California Rare Plant Rank** | 1B.1 |
| **Global Rank** | G1 |
| **State Rank** | S1 |
| **CESA** | None |
| **FESA** | None |
| **Other Status** | SB_CalBG/RSABG |
| **CRPR Changes** | |
| **Date Added** | 1994-01-01 |
| **Last Update** | 2021-05-26 |

## Ecology and Life History

| | |
|---|---|
| **Lifeform** | annual herb |
| **Blooming Period** | Mar-Jun |
| **Elevation m (ft)** | 1-400 (5-1310) |
| **General Habitats** | Coastal dunes, Coastal scrub |
| **Microhabitat Details** | |
| **Microhabitat** | |

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## Threat List Data from the CNDDB

| **Threat List Total:** | | 8 |
|---|---|---|
| | **Total EOs** | **Percent EOs** |
| **EOs with Threats Listed** | **6** | **40%** |
| **Threat List:** | | |
| Development | 3 | 20% |
| Foot traffic/trampling | 2 | 13% |
| Non-native plant impacts | 2 | 13% |
| ORV activity | 2 | 13% |
| Other | 1 | 6% |
| Recreational use (non-ORV) | 1 | 6% |
| Military operations | 1 | 6% |
| Erosion/runoff | 1 | 6% |

## Element Occurrence Data from the CNDDB

| **Total Element Occurrences:** | 15 |
|---|---|
| **Element Occurrence Ranks:** | |
| Excellent (A) | 0 |
| Good (B) | 3 |
| Fair (C) | 0 |
| Poor (D) | 0 |
| None (X) | 6 |
| Unknown (U) | 6 |
| **Occurrence Status** | |
| Historical, > 20 years | 11 |
| Recent, < 20 years | 4 |
| **Presence** | |
| Presumed Extant | 9 |
| Possibly Extirpated | 6 |
| Presumed Extirpated | 0 |

## Location

**California Endemic** No

**Counties**

Los Angeles (LAX)(?), Orange (ORA), Riverside (RIV), San Bernardino (SBD), San Diego (SDG)

**States**

Baja California (BA), California (CA)

**Quads**

Baldwin Park (3411718), Del Mar (3211782), El Monte (3411811)(?), Guasti (3411715), Imperial Beach (3211751), La Jolla (3211772)*, Los Alamitos (3311871), Oceanside (3311724), Point Loma (3211762), Redondo Beach (3311874)*, Riverside West (3311784), South Gate (3311882)*, Torrance (3311873), Venice (3311884)*

**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

Known from approximately ten occurrences. Historical occurrences extirpated by development. Threatened by non-native plants. Some plants intermediate to *P. douglasii* var. *douglasii* occur in SE Western Transverse Range foothills. See *Pflanzenreich* 4(251):123 (1913) for original description.

## 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 25 April 2024].