

Appendix 4.8-4
Sensitive Plant Species

SENSITIVE PLANT SPECIES OBSERVED (†) OR WITH THE POTENTIAL FOR OCCURRENCE

| Species | State/ Federal Status | CNPS List | CNPS Code | City of Chula Vista | Typical Habitat/Comments |
|---|--------------------------|--------------|--------------|------------------------|--|
| <i>Acanthomintha ilicifolia</i> San Diego thornmint | CE/FT | 1B | 2-3-2 | NE, MSCP | Chaparral, coastal sage scrub, valley and foothill grassland/ clay soils. Limited suitable habitat. Not expected to occur. |
| <i>Ambrosia chenopodiifolia</i> San Diego bur-sage | -/- | 2 | 2-2-1 | | Coastal sage scrub. Limited low-quality habitat. Not expected to occur. |
| <i>Ambrosia pumila</i> San Diego ambrosia | -/- | 1B | 3-2-2 | NE, MSCP | Coastal sage scrub, valley and foothill grassland. Low potential to occur due to degraded habitat. |
| <i>Aphanisma blitoides</i> Aphanisma | -/- | 1B | 2-2-2 | | Coastal bluff scrub, coastal sage scrub, alkaline areas. Low potential due to site's degraded quality. |
| <i>Artemisia palmeri</i> San Diego sagewort | -/- | 2 | 2-2-1 | | Coastal sage scrub, chaparral, riparian. Not observed on-site; not expected to occur. |
| <i>Astragalus tener</i> var. <i>titi</i> Coastal dunes milk vetch | CE/FE | 1B | 3-3-3 | | Coastal dunes. Not expected to occur due to lack of suitable habitat. |
| <i>Calandrinia maritima</i> Seaside calandrinia | -/- | 4 | 1-2-1 | | Coastal bluff scrub, valley and foothill grassland. Not expected to occur due to lack of suitable habitat. |
| <i>Chorizanthe orcuttiana</i> Orcutt's spineflower | CE/FE | 1B | 3-3-3 | | Coastal sage scrub; Del Mar to Point Loma, San Diego County. Not expected to occur due to site degradation and range. |
| <i>Cordylanthus maritimus</i> ssp. <i>maritimus</i> Salt marsh bird's-beak | CE/FE | 1B | 2-2-2 | NE, MSCP | Coastal salt marsh. Potential to occur. Not observed. Known to occur in adjacent Sweetwater Marsh. |
| <i>Dudleya variegata</i> Variegated dudleya | -/- | 1B | 1-2-2 | NE, MSCP | Chaparral, coastal sage scrub. Not expected due to degraded habitat. |
| <i>Eryngium aristulatum</i> var. <i>parishii</i> San Diego button celery | CE/FE | 1B | 2-3-2 | | Vernal pools, marshes. Low potential to occur. |
| <i>Erysimum ammophilum</i> Coast wallflower | -/- | 1B | 2-2-3 | | Coastal dunes. Not expected due to lack of suitable habitat. |

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(continued)**

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|---|--------------------------|--------------|--------------|------------------------|--|
| <i>Frankenia palmeri</i> Palmer's frankenia | -/- | 2 | 3-3-1 | | Coastal salt marsh. Low potential to occur. Known to occur in adjacent Sweetwater Marsh. |
| <i>Hemizonia [=Deinandra] conjugens</i> Otay tarplant | CE/FT | 1B | 3-3-2 | NE, MSCP | Coastal sage scrub. Low potential to occur. |
| <i>Juncus acutus</i> ssp. <i>leopoldii</i> (= <i>Juncus acutus</i> ssp. <i>sphaerocarpus</i>) Spiny rush | -/- | 4 | 1-2-1 | | Coastal dunes (mesic), meadows (alkaline), coastal salt marsh. Low potential to occur. |
| <i>Lotus nuttallianus</i> Nuttall's lotus | -/- | 1B | 3-3-2 | | Coastal dunes, coastal sage scrub. Low potential to occur. |
| <i>Lycium californicum</i> † California box thorn | -/- | 4 | 1-2-1 | | Coastal scrub, coastal bluff scrub. Observed on-site. |
| <i>Muilla clevelandii</i> San Diego goldenstar | -/- | 1B | 2-2-2 | MSCP | Chaparral, coastal sage scrub, valley and foothill grassland, vernal pools. Not expected to occur due to lack of suitable habitat. |
| <i>Navarretia fossalis</i> Prostrate navarretia | -/FT | 1B | 2-3-2 | MSCP | Vernal pools. Not expected to occur due to lack of suitable habitat. |
| <i>Pogogyne nudiuscula</i> Otay mesa mint | CE/FE | 1B | 3-3-2 | MSCP | Vernal pools. Not expected to occur due to lack of suitable habitat. |
| <i>Suaeda taxifolia</i> † Woolly seablite | -/- | 4 | 1-2-1 | | Coastal bluffs and dunes, coastal salt marsh. Observed on-site. |
| <i>Viguiera laciniata</i> San Diego County viguiera | -/- | 4 | 1-2-1 | | Chaparral, coastal sage scrub. Low potential to occur. |

STATUS CODES

FEDERALLY LISTED/PROPOSED

FE = Listed as endangered by the federal government

FT = Listed as threatened by the federal government

FPE = Federally proposed endangered

FPT = Federally proposed threatened

STATE LISTED/PROPOSED

**SENSITIVE PLANT SPECIES OBSERVED (†) OR WITH THE POTENTIAL FOR OCCURRENCE
(continued)**

CE = Listed as endangered by the State of California
CT = Listed as threatened by the State of California

CR = Listed as rare by the State of California

CITY OF CHULA VISTA MSCP

NE = Narrow endemic
MSCP= MSCP covered species

CALIFORNIA NATIVE PLANT SOCIETY

LISTS

- 1A = Species presumed extinct.
- 1B = Species rare, threatened, or endangered in California and elsewhere. These species are eligible for state listing.
- 2 = Species rare, threatened, or endangered in California but which are more common elsewhere. These species are eligible for state listing.
- 3 = Species for which more information is needed. Distribution, endangerment, and/or taxonomic information is needed.
- 4 = A watch list of species of limited distribution. These species need to be monitored for changes in the status of their populations.

R-E-D CODES

R (Rarity)

- 1 = Rare, but found in sufficient numbers and distributed widely enough that the potential for extinction is low at this time.
- 2 = Occurrence confined to several populations or to one extended population.
- 3 = Occurrence limited to one or a few highly restricted populations, or present in such small numbers that it is seldom reported.

E (Endangerment)

- 1 = Not endangered
- 2 = Endangered in a portion of its range
- 3 = Endangered throughout its range

D (Distribution)

- 1 = More or less widespread outside California
- 2 = Rare outside California
- 3 = Endemic to California