

## Report for *Limosella australis*

### TAXON DETAILS



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### Classification

|                      |                                   |
|----------------------|-----------------------------------|
| Scientific Name      | <i>Limosella australis</i> R. Br. |
| Common Name          | Delta mudwort                     |
| Family               | Scrophulariaceae                  |
| Element Code         | PDSCR10030                        |
| USDA Plants Symbol   | <u>LIAU6</u>                      |
| Synonyms/Other Names | <u><i>Limosella subulata</i></u>  |

### Conservation Status

|                            |  |
|----------------------------|--|
| California Rare Plant Rank | 2B.1                                   |
| Global Rank                | G4G5                                   |
| State Rank                 | S2                                     |
| CESA                       | None                                   |
| FESA                       | None                                   |
| Other Status               |  |
| CRPR Changes               | changed from 2.1 to 2B.1 on 2013-06-12 |
| Date Added                 | 1994-01-01                             |
| Last Update                | 2022-03-01                             |

### Ecology and Life History

|                      |  |
|----------------------|--|
| Lifeform             | perennial stoloniferous herb                                 |
| Blooming Period      | May-Aug  |
| Elevation m (ft)     | 0-3 (0-10)   |
| General Habitats     | Marshes and swamps (brackish, freshwater),<br>Riparian scrub |
| Microhabitat Details | Usually mud banks  |
| Microhabitat         | Streambanks (usually)  |

## Threat List Data from the CNDDDB

|                                       |                  |                    |
|---------------------------------------|------------------|--------------------|
| <b>Threat List Total:</b>             |                  | 10                 |
|                                       | <b>Total EOs</b> | <b>Percent EOs</b> |
| <b>EOs with Threats Listed</b>        | <b>36</b>        | <b>61%</b>         |
| <b>Threat List:</b>                   |                  |                    |
| Recreational use (non-ORV)            | 25               | 42%                |
| Erosion/runoff                        | 14               | 23%                |
| Foot traffic/trampling                | 6                | 10%                |
| Altered flood/tidal/hydrologic regime | 3                | 5%                 |
| Vandalism/dumping/litter              | 3                | 5%                 |
| Waterway bank protection/maintenance  | 3                | 5%                 |
| Other                                 | 3                | 5%                 |
| Non-native plant impacts              | 2                | 3%                 |
| Degraded water quality                | 2                | 3%                 |
| Grazing                               | 1                | 1%                 |

## Element Occurrence Data from the CNDDDB

|                                   |    |
|-----------------------------------|----|
| <b>Total Element Occurrences:</b> | 59 |
| <b>Element Occurrence Ranks:</b>  |    |
| Excellent (A)                     | 5  |
| Good (B)                          | 30 |
| Fair (C)                          | 11 |
| Poor (D)                          | 2  |
| None (X)                          | 0  |
| Unknown (U)                       | 11 |
| <b>Occurrence Status</b>          |    |
| Historical, > 20 years            | 34 |
| Recent, < 20 years                | 25 |
| <b>Presence</b>                   |    |
| Presumed Extant                   | 59 |
| Possibly Extirpated               | 0  |
| Presumed Extirpated               | 0  |

## Location

|                           |    |
|---------------------------|----|
| <b>California Endemic</b> | No |
|---------------------------|----|

### **Counties**

Contra Costa (CCA), Sacramento (SAC), San Joaquin (SJQ), Solano (SOL)

### **States**

California (CA), Connecticut (CT), Delaware (DE), Maine (ME), Maryland (MD), Massachusetts (MA), New Hampshire (NH), New Jersey (NJ), New York (NY), North Carolina (NC), Pennsylvania (PA), Rhode Island (RI), Virginia (VA), Washington (WA), West Virginia (WV)

### **Quads**

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Antioch North (3812117), Bouldin Island (3812115), Bruceville (3812134), Clifton Court Forebay (3712175), Courtland (3812135), Dozier (3812137), Holt (3712184), Honker Bay (3812118), Isleton (3812125), Jersey Island (3812116), Rio Vista (3812126), Terminous (3812114), Thornton (3812124), Vine Hill (3812211), Woodward Island (3712185)

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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 stream bank alteration, levee maintenance, erosion, recreational activities, and foot traffic. Also occurs on the Atlantic Coast, where threatened by habitat destruction. Native status in CA is inconclusive; definitive study needed. Treated as naturalized in *TJM* (1993) and *TJM* 2. See *Prodromus Florae Novae Hollandiae* 1:443 (1810) 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 2 May 2024].