

## Report for *Hibiscus lasiocarpus* var. *occidentalis*

### TAXON DETAILS



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### Classification

|                      |   |
|----------------------|---|
| Scientific Name      | <i>Hibiscus lasiocarpus</i> Cav. var. <i>occidentalis</i> (Torr.) A. Gray   |
| Common Name          | woolly rose-mallow  |
| Family               | Malvaceae   |
| Element Code         | PDMAL0H0R3  |
| USDA Plants Symbol   |   |
| Synonyms/Other Names | <u><i>Hibiscus californicus</i> Kell.<br/><u><i>Hibiscus lasiocarpus</i></u><br/><u><i>Hibiscus lasiocarpus</i></u></u> |

### Conservation Status

|                            |  |
|----------------------------|--|
| California Rare Plant Rank | 1B.2                                   |
| Global Rank                | G5T3                                   |
| State Rank                 | S3                                     |
| CESA                       | None                                   |
| FESA                       | None                                   |
| Other Status               | SB_CalBG/RSABG; SB_UCBG                |
| CRPR Changes               | changed from 2.2 to 1B.2 on 2010-01-04 |
| Date Added                 | 1974-01-01                             |
| Last Update                | 2022-01-05                             |

### Ecology and Life History

|                      |                                       |
|----------------------|---------------------------------------|
| Lifeform             | perennial rhizomatous herb (emergent) |
| Blooming Period      | Jun-Sep                               |
| Elevation m (ft)     | 0-120 (0-395)                         |
| General Habitats     | Marshes and swamps (freshwater)       |
| Microhabitat Details | Often in riprap on sides of levees.   |
| Microhabitat         |                                       |

### Threat List Data from the CNDDDB

|                                       |                  |                    |
|---------------------------------------|------------------|--------------------|
| <b>Threat List Total:</b>             |                  | 19                 |
|                                       | <b>Total EOs</b> | <b>Percent EOs</b> |
| <b>EOs with Threats Listed</b>        | <b>91</b>        | <b>53%</b>         |
| <b>Threat List:</b>                   |                  |                    |
| Waterway bank protection/maintenance  | 36               | 20%                |
| Recreational use (non-ORV)            | 31               | 17%                |
| Other                                 | 25               | 14%                |
| Agriculture                           | 19               | 10%                |
| Erosion/runoff                        | 19               | 10%                |
| Development                           | 17               | 9%                 |
| Biocides                              | 16               | 9%                 |
| Improper burning regime               | 14               | 8%                 |
| Non-native plant impacts              | 10               | 5%                 |
| Altered flood/tidal/hydrologic regime | 10               | 5%                 |
| Grazing                               | 6                | 3%                 |
| Road/trail construction/maint.        | 6                | 3%                 |
| Mining                                | 3                | 1%                 |
| ORV activity                          | 1                | 0%                 |
| Surface water diversion               | 1                | 0%                 |
| Wood cutting or brush clearing        | 1                | 0%                 |
| Foot traffic/trampling                | 1                | 0%                 |
| Dam/Inundation                        | 1                | 0%                 |
| Degraded water quality                | 1                | 0%                 |

### Element Occurrence Data from the CNDDDB

|                                   |     |
|-----------------------------------|-----|
| <b>Total Element Occurrences:</b> | 173 |
| <b>Element Occurrence Ranks:</b>  |     |
| Excellent (A)                     | 0   |
| Good (B)                          | 78  |
| Fair (C)                          | 38  |
| Poor (D)                          | 16  |
| None (X)                          | 1   |
| Unknown (U)                       | 40  |
| <b>Occurrence Status</b>          |     |
| Historical, > 20 years            | 82  |
| Recent, < 20 years                | 91  |
| <b>Presence</b>                   |     |
| Presumed Extant                   | 172 |
| Possibly Extirpated               | 0   |
| Presumed Extirpated               | 1   |

### Location

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

### Counties

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Butte (BUT), Colusa (COL), Contra Costa (CCA), Glenn (GLE), Sacramento (SAC), San Joaquin (SJQ), Solano (SOL), Sutter (SUT), Yolo (YOL)

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## States

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California (CA)

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## Quads

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Bouldin Island (3812115), Bruceville (3812134), Butte City (3912148), Clarksburg (3812145), Clifton Court Forebay (3712175), Courtland (3812135), Dozier (3812137), Florin (3812144), Gilsizer Slough (3912116), Grays Bend (3812166), Hamlin Canyon (3912166), Holt (3712184), Isleton (3812125), Jersey Island (3812116), Knights Landing (3812176), Liberty Island (3812136), Llano Seco (3912158), Logandale (3912242), Meridian (3912128), Nelson (3912157), Ord Ferry (3912168), Oroville (3912155), Paradise West (3912176), Pennington (3912137), Richardson Springs (3912177), Rio Vista (3812126), Sacramento West (3812155), Sanborn Slough (3912138), Shippee (3912156), Stockton West (3712183), Sutter Buttes (3912127), Sutter Causeway (3812186), Terminous (3812114), Thornton (3812124), Tisdale Weir (3912117), Verona (3812175), West of Biggs (3912147), 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

Most occurrences are very small. Seriously threatened by habitat disturbance, development, agriculture, recreational activities, and channelization of the Sacramento River and its tributaries. Also threatened by weed control measures and erosion. Possibly threatened by trail maintenance. See *Madroño* 56(2):104-111 for revised taxonomy.

## Threats

## Taxonomy

## 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 3 May 2024].