

## Report for *Lewisia cantelovii*

### TAXON DETAILS



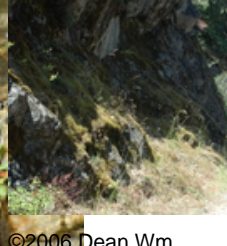
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### Classification

|                      |                                       |
|----------------------|---------------------------------------|
| Scientific Name      | <i>Lewisia cantelovii</i> J.T. Howell |
| Common Name          | Cantelow's lewisia                    |
| Family               | Montiaceae                            |
| Element Code         | PDPOR04020                            |
| USDA Plants Symbol   | <u>LECA11</u>                         |
| Synonyms/Other Names |                                       |

### Conservation Status

|                            |                        |
|----------------------------|------------------------|
| California Rare Plant Rank | 1B.2                   |
| Global Rank                | G3                     |
| State Rank                 | S3                     |
| CESA                       | None                   |
| FESA                       | None                   |
| Other Status               | BLM_S; SB_UCSC; USFS_S |
| CRPR Changes               |                        |
| Date Added                 | 1974-01-01             |
| Last Update                | 2022-12-06             |

### Ecology and Life History

|                      |  |
|----------------------|--|
| Lifeform             | perennial herb   |
| Blooming Period      | May-Oct  |
| Elevation m (ft)     | 330-1370 (1085-4495)   |
| General Habitats     | Broadleafed upland forest, Chaparral,<br>Cismontane woodland, Lower montane<br>coniferous forest |
| Microhabitat Details |  |
| Microhabitat         | Granitic, Mesic, Seeps (sometimes),<br>Serpentine (sometimes)                                    |

### 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>34</b>        | <b>47%</b>         |
| <b>Threat List:</b>            |                  |                    |
| Road/trail construction/maint. | 18               | 24%                |
| Mining                         | 12               | 16%                |
| Recreational use (non-ORV)     | 9                | 12%                |
| Over-collecting/poaching       | 7                | 9%                 |
| Erosion/runoff                 | 4                | 5%                 |
| Logging                        | 4                | 5%                 |
| Dam/Inundation                 | 2                | 2%                 |
| Non-native plant impacts       | 2                | 2%                 |
| Foot traffic/trampling         | 1                | 1%                 |
| Vandalism/dumping/litter       | 1                | 1%                 |

### Element Occurrence Data from the CNDDDB

|                                   |    |
|-----------------------------------|----|
| <b>Total Element Occurrences:</b> | 73 |
| <b>Element Occurrence Ranks:</b>  |    |
| Excellent (A)                     | 21 |
| Good (B)                          | 23 |
| Fair (C)                          | 4  |
| Poor (D)                          | 0  |
| None (X)                          | 0  |
| Unknown (U)                       | 25 |
| <b>Occurrence Status</b>          |    |
| Historical, > 20 years            | 50 |
| Recent, < 20 years                | 23 |
| <b>Presence</b>                   |    |
| Presumed Extant                   | 73 |
| Possibly Extirpated               | 0  |
| Presumed Extirpated               | 0  |

### Location

|   |     |
|---|-----|
| <b>California Endemic</b>   | Yes |
| <b>Counties</b>   |     |
| Butte (BUT), Nevada (NEV), Plumas (PLU), Shasta (SHA), Sierra (SIE), Yuba (YUB) |     |
| <b>States</b>   |     |
| California (CA)   |     |
| <b>Quads</b>  |     |

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Alleghany (3912047), Belden (4012113), Bohemotash Mtn. (4012274), Brush Creek (3912163), Caribou (4012112), Dogwood Peak (3912171), Downieville (3912057), Goodyears Bar (3912058), Hanland Peak (4012283), Lamoine (4012284), Nevada City (3912131), North Bloomfield (3912038), Onion Valley (3912078), Pike (3912048), Pulga (3912174), Shoeinhorse Mtn. (4112211), Soapstone Hill (3912173), Storrie (3912183), Strawberry Valley (3912151), Tombstone Mtn. (4112213), Washington (3912037), Yellowjacket Mtn. (4112212)

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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 horticultural collecting and road maintenance. Possibly threatened by non-native plants, mining and logging. Does not include *L. serrata*. See *Leaflets of Western Botany* 3(6):139 (1942) for original description, and *Fremontia* 25(1):15-19 (1997) for genetic study of relationship to *L. serrata*.

## **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 19 May 2024].