

Report for *Montia howellii*

TAXON DETAILS



© 2004 Dean Wm. Taylor



© 2004 Dean Wm. Taylor



© 2015 Adrienne Simmons

Classification

| | |
|----------------------|------------------------------|
| Scientific Name | <i>Montia howellii</i> Wats. |
| Common Name | Howell's montia |
| Family | Montiaceae |
| Element Code | PDPOR05070 |
| USDA Plants Symbol | MOHO |
| Synonyms/Other Names | |

Conservation Status

| | |
|----------------------------|---|
| California Rare Plant Rank | 2B.2 |
| Global Rank | G3G4 |
| State Rank | S2 |
| CESA | None |
| FESA | None |
| Other Status | |
| CRPR Changes | changed from 2B.2 to 2B.2 on 2020-11-19 changed from 2.2 to 2B.2 on 2006-04-17 |
| Date Added | 1994-01-01 |
| Last Update | 2022-04-05 |

Ecology and Life History

| | |
|----------------------|--|
| Lifeform | annual herb |
| Blooming Period | (Feb)Mar-May |
| Elevation m (ft) | 0-835 (0-2740) |
| General Habitats | Meadows and seeps, North Coast coniferous forest, Vernal pools |
| Microhabitat Details | |
| Microhabitat | Roadsides (sometimes), Vernal Mesic |

Threat List Data from the CNDDDB

| | | |
|---------------------------------------|------------------|--------------------|
| Threat List Total: | | 14 |
| | Total EOs | Percent EOs |
| EOs with Threats Listed | 109 | 89% |
| Threat List: | | |
| Road/trail construction/maint. | 87 | 70% |
| Logging | 79 | 64% |
| Other | 30 | 24% |
| Grazing | 15 | 12% |
| Foot traffic/trampling | 14 | 11% |
| Non-native plant impacts | 12 | 9% |
| ORV activity | 11 | 8% |
| Altered flood/tidal/hydrologic regime | 6 | 4% |
| Surface water diversion | 5 | 4% |
| Wood cutting or brush clearing | 3 | 2% |
| Vandalism/dumping/litter | 2 | 1% |
| Biocides | 2 | 1% |
| Erosion/runoff | 2 | 1% |
| Recreational use (non-ORV) | 2 | 1% |

Element Occurrence Data from the CNDDDB

| | |
|-----------------------------------|-----|
| Total Element Occurrences: | 123 |
| Element Occurrence Ranks: | |
| Excellent (A) | 11 |
| Good (B) | 55 |
| Fair (C) | 32 |
| Poor (D) | 12 |
| None (X) | 6 |
| Unknown (U) | 7 |
| Occurrence Status | |
| Historical, > 20 years | 22 |
| Recent, < 20 years | 101 |
| Presence | |
| Presumed Extant | 117 |
| Possibly Extirpated | 5 |
| Presumed Extirpated | 1 |

Location

| | |
|--|----|
| California Endemic | No |
| Counties | |
| Del Norte (DNT), Humboldt (HUM), Trinity (TRI) | |
| States | |
| California (CA), Oregon (OR), Washington (WA) | |

Quads

Arcata North (4012481), Arcata South (4012471), Bald Hills (4112328), Blocksburg (4012336), Briceland (4012318)*, Bridgeville (4012347), Broken Rib Mtn. (4112386), Buckeye Mtn. (4012432), Bull Creek (4012431), Capetown (4012443), Eureka (4012472), Ferndale (4012453), Fields Landing (4012462), Fort Seward (4012326), Fortuna (4012452), French Camp Ridge (4112327), Harris (4012316), Hennessy Peak (4012375), High Divide (4112481), Hupa Mountain (4112317), Hydesville (4012451), Iaqua Buttes (4012368), Ironside Mtn. (4012374), Korbelt (4012378), Larabee Valley (4012346), Lord-ellis Summit (4012387), Mad River Buttes (4012367), Maple Creek (4012377), McWhinney Creek (4012461), Miranda (4012327)*, Myers Flat (4012337), Orick (4112431), Owl Creek (4012358), Panther Creek (4112318), Redcrest (4012348), Salyer (4012385)*, Scotia (4012441), Taylor Peak (4012442), Weitchpec (4112326), Willow Creek (4012386), Yager Junction (4012357)

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

Rediscovered in CA in 1999 by Clare Golec. Did plant occur in DNT Co.? Candidate for state listing in OR.

Threats

Taxonomy

Selected References

CNPS Status Review: Proposed Change from California Rare Plant Rank 2 to 4.2

CNPS Status Review: Proposed Change from California Rare Plant Rank 2B.2, G3G4 / S2 to 4.3, G4 / S3

Original Description: *Proceedings of the American Academy of Arts and Sciences* 18:191 (1883)

Species Account: *Montia howellii* profile for potential Species of Conservation Concern evaluation (2022)

Other: USFS Potential Species of Conservation Concern Profile

Suggested Citation

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 5 May 2024].