

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	<u>MOHO</u>
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), Korbel (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 3 May 2024].