

## Report for *Myosurus minimus* ssp. *apus*

### TAXON DETAILS

#### Classification

Scientific Name	<i>Myosurus minimus</i> L. ssp. <i>apus</i> (Greene) G.R. Campbell
Common Name	little mousetail
Family	Ranunculaceae
Element Code	PDRAN0H031
USDA Plants Symbol	
Synonyms/Other Names	

#### Conservation Status

California Rare Plant Rank	3.1
Global Rank	G5T2Q
State Rank	S2
CESA	None
FESA	None
Other Status	SB_CRES
CRPR Changes	removed from 3.1 on 2013-02-01
Date Added	1980-01-01
Last Update	2021-05-26

#### Ecology and Life History

Lifeform	annual herb
Blooming Period	Mar-Jun
Elevation m (ft)	20-640 (65-2100)
General Habitats	Valley and foothill grassland, Vernal pools (alkaline)
Microhabitat Details	
Microhabitat	

## Threat List Data from the CNDDDB

<b>Threat List Total:</b>		9
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>9</b>	<b>38%</b>
<b>Threat List:</b>		
Agriculture	3	12%
ORV activity	3	12%
Development	2	8%
Grazing	2	8%
Non-native plant impacts	1	4%
Disking	1	4%
Other	1	4%
Road/trail construction/maint.	1	4%
Vandalism/dumping/litter	1	4%

## Element Occurrence Data from the CNDDDB

<b>Total Element Occurrences:</b>	24
<b>Element Occurrence Ranks:</b>	
Excellent (A)	1
Good (B)	7
Fair (C)	1
Poor (D)	1
None (X)	0
Unknown (U)	14
<b>Occurrence Status</b>	
Historical, > 20 years	24
Recent, < 20 years	0
<b>Presence</b>	
Presumed Extant	24
Possibly Extirpated	0
Presumed Extirpated	0

## Location

<b>California Endemic</b>	No
<b>Counties</b>	
Colusa (COL), Contra Costa (CCA), Lake (LAK), Merced (MER), Riverside (RIV), San Bernardino (SBD), San Diego (SDG), Solano (SOL), Tulare (TUL), Yolo (YOL)	
<b>States</b>	
Baja California (BA), California (CA), Oregon (OR)	
<b>Quads</b>	

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Arena (3712036), Birds Landing (3812127), Clearlake Highlands (3812286), Clifton Court Forebay (3712175), Del Mar (3211782), Denverton (3812128), Dozier (3812137), Dulzura (3211667), Elmira (3812138), Encinitas (3311713), Gustine (3712038), Imperial Beach (3211751), Jamul Mountains (3211668), La Jolla (3211772), La Mesa (3211771), Lake Elsinore (3311763), Lakeview (3311771), Las Pulgas Canyon (3311734), Lucerne Valley (3411648), Maxwell (3912232), Murrieta (3311752), Oceanside (3311724), Otay Mesa (3211658), Otay Mountain (3211657), Perris (3311772), Pixley (3511983), Poway (3211781), Romoland (3311762), San Clemente (3311745), San Luis Ranch (3712027), San Luis Rey (3311723), San Onofre Bluff (3311735), San Pasqual (3311618), Saxon (3812146), Steele Peak (3311773), Stevinson (3712037), Wildomar (3311753), Winchester (3311761)

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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

Move to List 1B? Reduced by vernal pool habitat loss; threatened by vehicles, grazing, development, and agriculture. Taxonomic problems; distinguishing between this taxon and *M. sessilis* (= *M. minimus* ssp. *apus* var. *sessiliflorus* in *A California Flora* (1959) by P. Munz) is difficult; are both rare? Plants in the Central Valley that resemble this taxon may be hybrids between *M. minimus* and *M. sessilis*; see *Flora of North America* 3:136 and *Evolution* 13:151-174 (1959) for details. See *M. minimus* in *TJM* (1993); not in *TJM* 2. See *Bulletin of the California Academy of Sciences* 1:277 (1885) for original description, and *Aliso* 2(4):396 (1952) for revised nomenclature.

## Threats

## Taxonomy

## Selected References

**CNPS Status Review:** CRPR List Deletion on 2013-02-01

## Suggested Citation

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