

## Report for *Astragalus tdestromii*

### TAXON DETAILS

#### Classification

Scientific Name	<i>Astragalus tdestromii</i> (Rydb.) Clokey
Common Name	Tidestrom's milk-vetch
Family	Fabaceae
Element Code	PDFAB0F8X0
USDA Plants Symbol	<u>ASTI</u>
Synonyms/Other Names	

#### Conservation Status

California Rare Plant Rank	2B.2
Global Rank	G4
State Rank	S2
CESA	None
FESA	None
Other Status	SB_CalBG/RSABG; USFS_S
CRPR Changes	changed from 2.2 to 2B.2 on 2013-06-12 added to 2.2 on 2009-01-05
Date Added	2009-01-06
Last Update	2023-05-02

#### Ecology and Life History

Lifeform	perennial herb
Blooming Period	(Jan)Apr-Jul
Elevation m (ft)	600-1785 (1970-5855)
General Habitats	Mojavean desert scrub
Microhabitat Details	
Microhabitat	Carbonate, Gravelly (sometimes), Sandy (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>42</b>	<b>58%</b>
<b>Threat List:</b>		
Non-native plant impacts	21	29%
ORV activity	10	13%
Road/trail construction/maint.	10	13%
Non-native animal impacts	6	8%
Other	5	6%
Mining	3	4%
Development	2	2%
Erosion/runoff	2	2%
Grazing	2	2%
Biocides	1	1%

### Element Occurrence Data from the CNDDDB

<b>Total Element Occurrences:</b>	72
<b>Element Occurrence Ranks:</b>	
Excellent (A)	2
Good (B)	23
Fair (C)	15
Poor (D)	4
None (X)	0
Unknown (U)	28
<b>Occurrence Status</b>	
Historical, > 20 years	11
Recent, < 20 years	61
<b>Presence</b>	
Presumed Extant	72
Possibly Extirpated	0
Presumed Extirpated	0

### Location

<b>California Endemic</b>	No
<b>Counties</b>	
Inyo (INY), San Bernardino (SBD)	
<b>States</b>	
California (CA), Nevada (NV)	
<b>Quads</b>	

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Big Bear City (3411637), Blackwater Mine (3511577), Calvada Springs (3511588), Clark Mtn. (3511555), Darwin (3611735), East of Kingston Peak (3511567), East of Kingston Spring (3511557), Ivanpah Lake (3511554), Kingston Peak (3511568), Kingston Spring (3511558), Mescal Range (3511545), Mesquite Lake (3511565), Mesquite Mountains (3511566), Mound Spring (3611518), Nopah Peak (3611611), North of Tecopa Pass (3511681), Pachalka Spring (3511556), Santa Rosa Flat (3611746), Solomons Knob (3511547), State Line Pass (3511564), Stump Spring, Nev. (3511587), Turquoise Mtn. (3511548), Valley Wells (3511546)

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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 mining and solar energy development. Possibly threatened by vehicles, road maintenance, and non-native plants. Similar to *A. layneae*.

## **Threats**

## **Taxononmy**

## **Selected References**

**CNPS Status Review:** Proposed Addition to CRPR 2.2, G4G5 / S2 (2009)

## **Suggested Citation**

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 20 May 2024].