

## Report for *Panicum acuminatum* var. *thermale*

### TAXON DETAILS



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### Classification

Scientific Name	<i>Panicum acuminatum</i> Sw. var. <i>thermale</i> (Bol.) Wipff
Common Name	Geysers panicum
Family	Poaceae
Element Code	PMPOA24028
USDA Plants Symbol	
Synonyms/Other Names	<i>Panicum thermale</i> Boland. <u><i>Dichantherium lanuginosum</i> var. <i>thermale</i></u>

### Conservation Status

California Rare Plant Rank	1B.2
Global Rank	G5T2Q
State Rank	S2
CESA	CE (09/01/78)
FESA	None
Other Status	SB_UCSC
CRPR Changes	changed from 1B.1 to 1B.2 on 2012-09-12
Date Added	1974-01-01
Last Update	2022-12-06

### Ecology and Life History

Lifeform	annual/perennial herb
Blooming Period	Jun-Aug
Elevation m (ft)	305-2470 (1000-8105)
General Habitats	Closed-cone coniferous forest, Riparian forest, Valley and foothill grassland
Microhabitat Details	geothermally-altered soil
Microhabitat	Streambanks (sometimes)

## Threat List Data from the CNDDDB

<b>Threat List Total:</b>		7
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>4</b>	<b>36%</b>
<b>Threat List:</b>		
Mining	4	36%
Development	4	36%
Erosion/runoff	4	36%
Non-native plant impacts	3	27%
Other	2	18%
Road/trail construction/maint.	1	9%
Feral pigs	1	9%

## Element Occurrence Data from the CNDDDB

<b>Total Element Occurrences:</b>	11
<b>Element Occurrence Ranks:</b>	
Excellent (A)	1
Good (B)	3
Fair (C)	0
Poor (D)	0
None (X)	1
Unknown (U)	6
<b>Occurrence Status</b>	
Historical, > 20 years	7
Recent, < 20 years	4
<b>Presence</b>	
Presumed Extant	10
Possibly Extirpated	1
Presumed Extirpated	0

## Location

<b>California Endemic</b>	Yes
<b>Counties</b>	
Lake (LAK), Plumas (PLU), Shasta (SHA), Sonoma (SON), Tehama (TEH)	
<b>States</b>	
California (CA)	
<b>Quads</b>	
Lassen Peak (4012145), Reading Peak (4012144), The Geysers (3812277), Whispering Pines (3812276)	

## **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**

Known only from The Geysers and Lassen Volcanic NP geothermal areas. Does plant occur on Mt. Shasta (SIS Co.)? Plants from Blaney Meadows (FRE Co.) need verification. Threatened by non-native plants. A synonym of *Panicum acuminatum* var. *acuminatum* in *TJM* (1993). See *Proceedings of the California Academy of Sciences* 2:181 (1862) for original description, *Madroño* 23(3):151 (1975) for taxonomic treatment, and *Proceedings of the CNPS Conservation Conference*, pp. 256-263 (2009) for information on population dynamics and monitoring.

## **Threats**

## **Taxononmy**

## **Selected References**

**CNPS Status Review:** CRPR List Change on 2012-09-12

## **Suggested Citation**

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 10 May 2024].