

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>Dichanthelium 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 CNDDB

Threat List Total:		7
	Total EOs	Percent EOs
EOs with Threats Listed	4	36%
Threat List:		
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 CNDDB

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

Location

California Endemic	Yes
Counties	
Lake (LAK), Plumas (PLU), Shasta (SHA), Sonoma (SON), Tehama (TEH)	
States	
California (CA)	
Quads	
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

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