Report for *Gratiola heterosepala*

TAXON DETAILS



©2004 Carol W. Witham



©2016 Jeb Bjerke



©1986 California Native Plant Society

Classification

Scientific Name	*Gratiola heterosepala* Mason & Bacig.
Common Name	Boggs Lake hedge-hyssop
Family	Plantaginaceae
Element Code	PDSCR0R060
USDA Plants Symbol	GRHE
Synonyms/Other Names	

Conservation Status

California Rare Plant Rank	1B.2
Global Rank	G2
State Rank	S2
CESA	CE (11/01/78)
FESA	None
Other Status	BLM_S
CRPR Changes	
Date Added	1974-01-01
Last Update	2022-01-05

Ecology and Life History

Lifeform	annual herb
Blooming Period	Apr-Aug
Elevation m (ft)	10-2375 (35-7790)
General Habitats	Marshes and swamps (lake margins), Vernal pools
Microhabitat Details	
Microhabitat	Clay

Threat List Data from the CNDDB

Threat List Total:		16
	Total EOs	**Percent EOs**
EOs with Threats Listed	**70**	**71%**
Threat List:		
Grazing	52	52%
Foot traffic/trampling	17	17%
Development	16	16%
Other	5	5%
Recreational use (non-ORV)	2	2%
Road/trail construction/maint.	2	2%
Feral pigs	2	2%
Agriculture	2	2%
Altered flood/tidal/hydrologic regime	2	2%
Landfill	2	2%
Mining	2	2%
Non-native animal impacts	2	2%
Non-native plant impacts	1	1%
ORV activity	1	1%
Biocides	1	1%
Erosion/runoff	1	1%

Element Occurrence Data from the CNDDB

Total Element Occurrences:	99
Element Occurrence Ranks:	
Excellent (A)	18
Good (B)	31
Fair (C)	13
Poor (D)	3
None (X)	5
Unknown (U)	29
Occurrence Status	
Historical, > 20 years	81
Recent, < 20 years	18
Presence	
Presumed Extant	94
Possibly Extirpated	1
Presumed Extirpated	4

Location

California Endemic	No

Counties

Fresno (FRE), Lake (LAK), Lassen (LAS), Madera (MAD), Mendocino (MEN), Merced (MER), Modoc (MOD), Placer (PLA), Sacramento (SAC), San Joaquin (SJQ), Shasta (SHA), Siskiyou (SIS), Solano (SOL), Sonoma (SON), Tehama (TEH)

States

California (CA), Oregon (OR)

Quads

Ambrose (4112058), Ambrose Valley (4112027), Balls Ferry (4012242), Bend (4012232), Big Sage Reservoir (4112056), Boles Meadows West (4112068), Buffalo Creek (3812152), Bullard Lake (4012078), Cable Mtn. (4012183), Carmichael (3812153), Clearlake Highlands (3812286), Corning (3912282), Dales (4012231), Dead Horse Reservoir (4112065), Dorris Reservoir (4112044), Dozier (3812137), Eagle Peak (4112032), Egg Lake (4112133), Elk Grove (3812143), Goose Creek (3812131), Hager Basin (4112077), Henleyville (3912283), Hermit Butte (4112037), Kelseyville (3812287), Knobcone Butte (4112151), Lincoln (3812183), Madeline (4112014), Mahogany Ridge (4112055), Mark West Springs (3812256), Medicine Lake (4112155), Middletown (3812275), Millerton Lake East (3711915), Murken Bench (4012174), Old Station (4012164), Palo Cedro (4012252), Petes Valley (4012054), Pittville (4112113), Planada (3712033), Pleasant Grove (3812174), Pothole Valley (4112078), Purdys Gardens (3912311), Richardson Springs NW (3912188), Rimrock Lake (4112162), Rio Linda (3812164)*, Rocklin (3812172), Roseville (3812173), Sloughhouse (3812142), South Mtn. (4112076), Swains Hole (4012163), Timbered Crater (4112124), Tule Mountain (4112024), Tuscan Buttes Ne (4012241), Vina (3912281), Washington Mtn. (4112048), West of Snowstorm Mtn. (4012064), Whittemore Ridge (4112066)

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 agriculture, development, grazing, trampling, and vehicles. Known from one occurrence in OR, where state listed as Threatened. Lassen NF has adopted species management guidelines. See *Madroño* 12(5):150-152 (1954) for original description.

Threats

Taxononmy

Selected References

Suggested Citation

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website https://www.rareplants.cnps.org [accessed 29 March 2024].