

ScientificName	CommonName	Family	Lifeform	CRPR	GRank	SRank	OtherStatus	CESA	FESA	BloomingPeriod	Habitat	MicrohabitatDetails
Balsamorhiza macrolepis	big-scale balsamroot	Asteraceae	perennial herb	1B.2	G2	S2	BLM_S; USFS_S	None	None	Mar-Jun	Chaparral, Cismontane woodland, Valley and foothill grassland	
Brodiaea rosea ssp. vallicola	valley brodiaea	Themidaceae	perennial bulbiferous herb	4.2	G4G5T3	S3		None	None	Apr-May(Jun)	Valley and foothill grassland, Vernal pools	Silt
Calycadenia spicata	spicate calycadenia	Asteraceae	annual herb	1B.3	G3?	S3		None	None	May-Sep	Cismontane woodland, Valley and foothill grassland	
Centromadia parryi ssp. rudis	Parry's rough tarplant	Asteraceae	annual herb	4.2	G3T3	S3		None	None	May-Oct	Valley and foothill grassland, Vernal pools	
Chloropyron molle ssp. hispidum	hispid salty bird's-beak	Orobanchaceae	annual herb (hemiparasitic)	1B.1	G2T1	S1	BLM_S	None	None	Jun-Sep	Meadows and seeps, Playas, Valley and foothill grassland	
Downingia pusilla	dwarf downingia	Campanulaceae	annual herb	2B.2	GU	S2		None	None	Mar-May	Valley and foothill grassland (mesic), Vernal pools	
Fritillaria agrestis	stinkbelts	Liliaceae	perennial bulbiferous herb	4.2	G3	S3		None	None	Mar-Jun	Chaparral, Cismontane woodland, Pinyon and juniper woodland, Valley and foothill grassland	
Gratiola heterosepala	Boggs Lake hedge-hyssop	Plantaginaceae	annual herb	1B.2	G2	S2	BLM_S	CE	None	Apr-Aug	Marshes and swamps (lake margins), Vernal pools	

Hibiscus lasiocarpus var. occidentalis	woolly rose-mallow	Malvaceae	perennial rhizomatous herb (emergent)	1B.2	G5T3	S3	BLM_S; SB_CalBG/RSABG; SB_UCBG	None	None	Jun-Sep	Marshes and swamps (freshwater)	Often in riprap on sides of levees.
Juncus leiospermus var. ahartii	Ahart's dwarf rush	Juncaceae	annual herb	1B.2	G2T1	S1		None	None	Mar-May	Valley and foothill grassland (mesic)	
Juncus leiospermus var. leiospermus	Red Bluff dwarf rush	Juncaceae	annual herb	1B.1	G2T2	S2	BLM_S; USFS_S	None	None	Mar-Jun	Chaparral, Cismontane woodland, Meadows and seeps, Valley and foothill grassland, Vernal pools	
Legenere limosa	legenere	Campanulaceae	annual herb	1B.1	G2	S2	BLM_S; SB_UCBG	None	None	Apr-Jun	Vernal pools	
Navarretia myersii ssp. myersii	pincushion navarretia	Polemoniaceae	annual herb	1B.1	G2T2	S2		None	None	Apr-May	Vernal pools	
Sagittaria sanfordii	Sanford's arrowhead	Alismataceae	perennial rhizomatous herb (emergent)	1B.2	G3	S3	BLM_S	None	None	May-Oct(Nov)	Marshes and swamps (shallow freshwater)	

Microhabitat	Elevation Low_m	Elevation Low_ft	Elevation High_m	Elevation High_ft	CAEndemic	States	Counties	Quads	EOTotal	EOA	EOB	EOC	EOD	EOX	EOU	EOHistorical
Serpentine (sometimes)	45	150	1555	5100	TRUE	CA	ALA, AMA, BUT, COL, ELD, LAK, MPA, NAP, PLA, SCL, SHA, SOL, SON, TEH, TUI	Ackerson Mtn. (3711977), Altamont (3712166)*, Amador City (3812047), Ascension Mtn. (3711978), Bartlett Springs (3912226), Bear Valley (3712051), Brush Creek (3912163), Chico (3912167), Cordelia (3812222), Coulterville (3712062), El Portal (3711967), Gilroy (3712115), Hayward (3712261), Hornitos (3712052), Hough Springs (3912225), Jackson (3812037), Jawbone Ridge (3712071), Jericho Valley (3812274), Knoxville (3812273), Leesville (3912224), Lincoln (3812183), Mariposa (3711948), Mitchell Gulch (4012234), Mt. Sizer (3712125), Palo Cedro (4012252), Pilot Hill (3812171), Riley Ridge (3912286), Roseville (3812173), Rosewood (4012235), San Jose East (3712137), Santa Rosa (3812246), Shippee (3912156), Sonoma (3812234), Sonora (3712084), Standard (3712083), Stumpfield Mtn. (3711947), Wilbur Springs (3912214)	51	8	10	2	0	2	29	25
Alluvial Terraces, Gravelly, Sandy	10	35	335	1100	TRUE	CA	BUT, CAL, NEV, PLA, SAC, SJQ, SUT, YUB	Buffalo Creek (3812152), Camp Far West (3912113), Carbondale (3812141), Carmichael (3812153), Cherokee (3912165), Chico (3912167), Citrus Heights (3812163), Clements (3812121), Folsom (3812162), Goose Creek (3812131), Hamlin Canyon (3912166), Honcut (3912135), Jenny Lind (3812017), Lincoln (3812183), Nord (3912178), Pleasant Grove (3812174), Rio Linda (3812164), Roseville (3812173), Sacramento East (3812154), Salt Spring Valley (3812016), Shippee (3912156), Sloughhouse (3812142), Smartville (3912123), Valley Springs SW (3812018), Wallace (3812028)	0	0	0	0	0	0	0	0
Adobe, Clay, Disturbed areas, Dry, Gravelly, Openings, Roadsides, Rocky	40	130	1400	4595	FALSE	CA	AMA, BUT, CAL, ELD, FRE, KRN, NEV, PLA, SAC, SJQ, STA, TUL, TUI, YUB	Auberry (3711914), Biggs (3912146), Buffalo Creek (3812152), Camp Far West (3912113), Carbondale (3812141), Clarksville (3812161), Clay (3812132), Cooperstown (3712065), Farmington (3712088), Folsom (3812162), Giant Forest (3611857), Glennville (3511866), Goose Creek (3812131), Grass Valley (3912121), Hamlin Canyon (3912166), Honcut (3912135), Ione (3812038), Irish Hill (3812048), Jenny Lind (3812017), Keystone (3712075), Knights Ferry (3712076), La Grange (3712064), Lake Isabella South (3511854), Lincoln (3812183), Loma Rica (3912134), Millerton Lake East (3711915), Oroville (3912155), Palermo (3912145), Pine Mountain (3511857), Shadequarter Mtn. (3611858), Shippee (3912156), Valley Springs (3812027), Wallace (3812028)	41	0	4	0	0	0	37	30
Alkaline, Roadsides (sometimes), Seeps, Vernal Mesic	0	0	100	330	TRUE	CA	BUT, COL, GLE, LAK, MER, MOD, SAC, SJQ, SOL, STA, YOL	Adin (4112028), Arbutle (3912211), Big Swamp (4112121), Birds Landing (3812127), Bruceville (3812134), Brush Lake (3712151), Butte City (3912148), Clarksburg (3812145), Colusa (3912221), Courtland (3812135), Davis (3812156), Dixon (3812147), Dozier (3812137), Elmira (3812138), Florin (3812144), Glenn (3912251), Grays Bend (3812166), Knights Landing (3812176), Llano Seco (3912158), Logandale (3912242), Los Banos (3712017), Maxwell (3912232), Meridian (3912128), Moulton Weir (3912231), Mt. George (3812232), Pennington (3912137), Princeton (3912241), Sacramento West (3812155), Salt Canyon (3912213), San Luis Ranch (3712027), Sandy Mush (3712025), Santa Rita Bridge (3712015), Saxon (3812146), Sites (3912233), Stockton East (3712182)?, Taylor Monument (3812165), Turner Ranch (3712026), West of Biggs (3912147), Wilbur Springs (3912214), Williams (3912222), Winters (3812158), Woodland (3812167)	0	0	0	0	0	0	0	0
Alkaline	1	5	155	510	TRUE	CA	ALA, KRN, MER, PLA, SOL	Altamont (3712166), Coal Oil Canyon (3511911), Delta Ranch (3712016), Denverton (3812128), Dos Palos (3612086), Elmira (3812138), Gosford (3511931), Gustine (3712038), Ingomar (3712028), Lamont (3511838), Los Banos (3712017), Oldale (3511941), Roseville (3812173), San Luis Ranch (3712027), Volta (3712018)	35	9	7	4	0	1	14	24
	1	5	445	1460	FALSE	CA, SA	FRE, MER, NAP, PLA, SAC, SJQ, SOL, SON, STA, TEH, YUB	Allendale (3812148), Antioch North (3812117), Black Butte Dam (3912273), Browns Valley (3912124), Camp Far West (3912113), Capell Valley (3812242), Clay (3812132), Cooperstown (3712065), Corning (3912282), Cuttings Wharf (3812223), Denverton (3812128), Dozier (3812137), Elk Grove (3812143), Elmira (3812138), Florin (3812144), Folsom (3812162), Friant (3611986), Galt (3812133), Gerber (4012212), Glen Ellen (3812235), Goose Creek (3812131), Healdsburg (3812257), Henleyville (3912283), Kenwood (3812245), Knights Ferry (3712076), La Grange (3712064), Lincoln (3812183), Merced (3712034), Merced Falls (3712053), Mt. George (3812232), Napa (3812233), Owens Reservoir (3712032), Pleasant Grove (3812174), Red Bluff East (4012222), Richardson Springs NW (3912188), Rio Linda (3812164), Roseville (3812173), Sears Point (3812224), Sebastopol (3812247), Sheridan (3812184), Smartville (3912123), Snelling (3712054), Sonoma (3812234), Vina (3912281), West of Gerber (4012213), Wheatland (3912114), Yosemite Lake (3712044), Yountville (3812243)	132	13	50	10	6	7	46	99
Clay, Serpentine (sometimes)	10	35	1555	5100	TRUE	CA	ALA, CCA, COL, FRE, KNG, KRN, MEN, MER, MNT, MPA, PLA, SAC, SBA, SBT, SCL, SLO, SMT, SOL, STA, TUL, TUI, VEN, YOL, YUB	Antioch South (3712187), Arbutle (3912211), Atascadero (3512046), Ballinger Canyon (3411984), Brentwood (3712186), Burnett Peak (3512172), Burro Mountain (3512173), Byron Hot Springs (3712176), Caliente Mtn. (3511917), Camatta Ranch (3512043), Camp Far West (3912113), Carneros Rocks (3511947), Cedar Mtn. (3712155), Chimineas Ranch (3511928), Chinese Camp (3712074), Cholame (3512063), Citrus Heights (3812163), Clayton (3712188), Clifton Court Forebay (3712175), Cosio Knob (3612112), Coulterville (3712062), Creston (3512055), Curry Mountain (3612014), Cuyama (3411985), Davis (3812156), Denair (3712057), Diablo (3712178), Dozier (3812137), Dunnigan (3812188), Elkhorn Hills (3511915), Folsom (3812162), Fox Mountain (3411975), Franklin Point (3712223), Hepsedam Peak (3612037), Hernandez Reservoir (3612047), Hornitos (3712052), Hull Mountain (3912258), Hurricane Deck (3411977), Idria (3612046), Joaquin Rocks (3612034), Jolon (3512182), Knights Ferry (3712076), La Costa Valley (3712157), Las Trampas Ridge (3712271), Las Yeguas Ranch (3511948), Lincoln (3812183), Lindsay (3611921), Lockwood Valley (3411961), Mendenhall Springs (3712156), Midway (3712165), Monarch Peak (3612027), Monterey (3612158), New Melones Dam (3712085), Orchard Peak (3512062), Pacheco Pass (3712112), Parkfield (3512084), Paulsell (3712066), Penon Blanco Peak (3712063), Planada (3712033), Pleito Hills (3411981), Point Sur (3612138), Priest Valley (3612026), Rancho Nuevo Creek (3411964), Rio Linda (3812164), Rocklin (3812172), Roseville (3812173), Sacramento East (3812154), Sacramento West (3812155), Salisbury Potrero (3411976), San Juan Bautista (3612175), San Luis Obispo (3512036), Slack Canyon (3612016), Sloughhouse (3812142), Snelling (3712054), Soledad (3612143), Sonoma (3712084), Springville (3611827), Tassajara (3712177), Taylor Canyon (3511918), Tent Hills (3512072), The Dark Hole (3512083), Trimmer (3611983), Turlock (3712047), Ukiah	32	2	9	8	0	2	11	32
Clay	10	35	2375	7790	FALSE	CA, OR	FRE, LAK, LAS, MAD, MEN, MER, MOD, PLA, SAC, SHA, SIS, SJQ, SOL, SON, TEH	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), Champs Flat (4012068), 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), Los Molinos (4012211), 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), Sheridan (3812184), Sloughhouse (3812142), South Mtn. (4112076), Spalding Tract (4012067), 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)	110	21	37	13	3	5	31	74

EORecent	EOExtant	EOPossiblyExtirpated	EOExtirpated	EOTreatList	ThreatListTotal	ThreatList	Notes	Threats
26	49	1	1	29	12	Development, Foot traffic/trampling, Grazing, Logging, Mining, Non-native plant impacts, ORV activity, Other, Recreational use (non-ORV), Road/trail construction/maint., Vandalism/dumping/litter, Wood cutting or brush clearing	Threatened by grazing. Potentially threatened by residential or recreational development. Possibly threatened by energy development and non-native plants. See Annals of the Missouri Botanical Garden 22:132 (1935) for original description.	Threatened by grazing. Potentially threatened by residential or recreational development. Possibly threatened by renewable energy development.
0	0	0	0	0	0		Threatened by urbanization. Previously assigned to <i>B. coronaria</i> ; differentiated by staminodes strongly inrolled, tapering to an apex vs. staminodes flat to incurved, uniformly wide from base to obtuse apex in <i>B. coronaria</i> . Similar to <i>B. rosea</i> ssp. <i>rosea</i> , but with perianth always violet, most floral characters longer, and with a disjunct distribution in non-serpentine habitats along the eastern edge of the Great Valley. See Systematic Botany 38(4):1012-1028 (2013) for original description.	
11	41	0	0	0	0		Formerly widespread but local at eastern edge of Central Valley and adjacent Sierra Nevada foothills.	Possibly threatened by vehicles, development, habitat loss, inappropriate grazing, alteration of fire regimes, non-native plants, and pollution (nitrogen deposition).
0	0	0	0	0	0		Protected on several refuges including Sacramento NWR, Colusa NWR, the Llano Seco Unit of the North Valley Wildlife Management Area, the Llano Seco Ranch, and the Vic Fazio Yolo Wetlands Preserve.	Threatened by development, habitat alteration and habitat disturbance. Possibly threatened by grazing and road maintenance.
11	34	0	1	23	12	Agriculture, Altered flood/tidal/hydrologic regime, Dam/Inundation, Development, Disking, Erosion/runoff, Foot traffic/trampling, Grazing, ORV activity, Other, Recreational use (non-ORV), Road/trail construction/maint.	Apparently extirpated from much of the lower San Joaquin Valley. Threatened by agricultural conversion, development, and grazing. See Brittonia 25:135-158 (1973) for revised nomenclature.	
33	125	2	5	81	19	Agriculture, Biocides, Dam/Inundation, Development, Disking, Erosion/runoff, Foot traffic/trampling, Grazing, Improper burning regime, Mining, Non-native plant impacts, ORV activity, Other, Over-collecting/poaching, Pollution, Recreational use (non-ORV), Road/trail construction/maint., Surface water diversion, Vandalism/dumping/litter	Threatened by urbanization, development, agriculture, grazing, non-native plants, vehicles, and industrial forestry.	
0	30	2	0	24	9	Agriculture, Dam/Inundation, Development, Disking, Grazing, ORV activity, Other, Over-collecting/poaching, Road/trail construction/maint.	Most populations small. Threatened by development, grazing, and vehicles. Possibly threatened by non-native plants.	
36	105	1	4	75	16	Agriculture, Altered flood/tidal/hydrologic regime, Biocides, Development, Erosion/runoff, Feral pigs, Foot traffic/trampling, Grazing, Landfill, Mining, Non-native animal impacts, Non-native plant impacts, ORV activity, Other, Recreational use (non-ORV), Road/trail construction/maint.	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 Madrono 12(5):150-152 (1954) for original description.	

86	172	0	1	91	19	Agriculture, Altered flood/tidal/hydrologic regime, Biocides, Dam/Inundation, Degraded water quality, Development, Erosion/runoff, Foot traffic/trampling, Grazing, Improper burning regime, Mining, Non-native plant impacts, ORV activity, Other, Recreational use (non-ORV), Road/trail construction/maint., Surface water diversion, Waterway bank protection/maintenance, Wood cutting or brush clearing	Most occurrences are very small. Seriously threatened by habitat disturbance, development, agriculture, recreational activities, and channelization of the Sacramento River and its tributaries. Also threatened by weed control measures and erosion. Possibly threatened by trail maintenance. See Madrono 56(2):104-111 for revised taxonomy.	
3	12	1	0	8	7	Agriculture, Development, Grazing, Mining, ORV activity, Other, Road/trail construction/maint.	Known from approximately 10 occurrences. Threatened by development. See Memoirs of the New York Botanical Garden 39:49 (1986) for original description.	
19	58	3	1	38	12	Agriculture, Altered flood/tidal/hydrologic regime, Dam/Inundation, Development, Foot traffic/trampling, Grazing, Logging, Mining, ORV activity, Other, Road/trail construction/maint., Vandalism/dumping/litter		Threatened by development, grazing, vehicles, industrial forestry, and agriculture.
25	74	1	8	59	15	Agriculture, Development, Disease, Disking, Feral pigs, Foot traffic/trampling, Grazing, Landfill, Mining, Non-native plant impacts, ORV activity, Other, Recreational use (non-ORV), Road/trail construction/maint., Vandalism/dumping/litter	Many historical occurrences extirpated. See Wasmann Journal of Biology 33(1-2):91 (1975) for distributional information.	Threatened by grazing, road widening, non-native plants, and development.
6	16	0	0	3	6	Development, Erosion/runoff, Grazing, Non-native plant impacts, Recreational use (non-ORV), Road/trail construction/maint.	Threatened by development. Possibly threatened by non-native plants. See Novon 3(4):337 (1993) for original description.	
86	133	8	2	72	17	Agriculture, Altered flood/tidal/hydrologic regime, Biocides, Dam/Inundation, Development, Erosion/runoff, Feral pigs, Foot traffic/trampling, Grazing, Mining, Non-native plant impacts, Other, Recreational use (non-ORV), Road/trail construction/maint., Surface water diversion, Vandalism/dumping/litter, Waterway bank protection/maintenance	Extirpated from southern California, and mostly extirpated from the Central Valley. Several SAC Co. occurrences not relocated during fieldwork in 2005. See Pittonia 2:158 (1890) for original description.	Threatened by grazing, development, recreational activities, non-native plants, road widening, and channel alteration and maintenance.

Taxonomy	FullScientificName	Synonyms	ElementCode	USDAPlantsSymbol	CBRReason	DateAdded	LastUpdate	CRPRChangeDate
	Balsamorhiza macrolepis	Balsamorhiza macrolepis var. macrolepis	PDAST11061	BAMA3		1/1/1974	5/2/2023	
	Brodiaea rosea ssp. vallicola R.E. Preston		PMLILO00K2			1/7/2019	8/6/2024	1/7/2019
A distinctive species with stems simple or branched only above the middle, peduncular bracts with only a single tack-shaped gland at the tip, phyllaries and paleae with many tack-shaped glands, and corolla white turning red with age.	Calycadenia spicata		PDAST1P090	CASP2		4/5/2023	5/9/2024	5/17/2023
See Hemizonia parryi ssp. rudis in The Jepson Manual (1993).	Centromadia parryi ssp. rudis (Greene) B.G. Baldwin		PDAST4R0P3	CEPAR4		5/22/2007	8/1/2023	5/22/2007
	Chloropyron molle ssp. hispidum (Pennell) Tank & J.M. Egger	Cordyanthus mollis ssp. hispidus	PDSCR0J0D1			1/1/1974	11/5/2024	
	Downingia pusilla	Downingia humilis	PDCAM060C0	DOPU3		1/1/1980	5/26/2021	6/12/2013
	Fritillaria agrestis		PMLILO0V010	FRAG		1/1/1980	1/5/2022	
	Gratiola heterosepala		PDSCR0R060	GRHE		1/1/1974	1/5/2022	

	Hibiscus lasiocarpus var. occidentalis (Torr.) A. Gray	Hibiscus californicus, Hibiscus lasiocarpus, Hibiscus lasiocarpus	PDMAL0H0R3			1/1/1974	11/5/2024	1/4/2010
	Juncus leiospermus var. ahartii B. Ertter		PMJUN011L1	JULEA		1/1/1984	1/5/2022	
	Juncus leiospermus var. leiospermus		PMJUN011L2	JULEL		1/1/1974	6/3/2025	
See Pittonia (1890) for original description and North American Flora (1943) for revised nomenclature.	Legenere limosa		PDCAM0C010	LELI		1/1/1974	9/9/2025	
	Navarretia myersii ssp. myersii	Navarretia myersii	PDPLM0C0X1	NAMYM		1/1/1994	3/1/2022	
	Sagittaria sanfordii		PMALI040Q0	SASA2		1/1/1984	12/5/2023	