



## **SacValley CNPS Plant List<sup>1</sup>** **THE FLORA OF TABLE MOUNTAIN** **Butte County, California**

---

From: "*The Vascular Plant Flora of Table Mountain, Butte County, California*" by James D. Jokerst in Madrono, Vol. 30, No. 4, November Supplement 1983. Scientific names have been brought into line with *The Jepson Manual* (Hickman, 1993, 3rd Printing). Common names were obtained from *Manual of the Vascular Plants of Butte County, California* (Vernon H. Oswald, 1994).

Habitats as defined by Jokerst are as follows:

Bedrock Outcrops. These are areas of exposed, flat-surfaced basalt bedrock that often resemble miniature mesas. Small amounts of soil particles and organic matter accumulate in the fractures, depressions, and margins.

Thin Soils. This type is formed by thin accumulations of soil and organic matter that overlie the Bedrock Outcrops. Floristically both habitats share many species.

Outcrop Edges. These are represented by a narrow band (less than 0.75 m) of small (0.1-1.0 cm in diameter) fractured basalt cobbles, mostly overlain by soil that encircles the Bedrock Outcrops. The large amount of surface water runoff appears to influence which species occur here.

Dry Cobbles. These are areas with moderate amounts of accumulated soil and large (greater than 15 cm diameter), partially exposed basalt cobbles.

Wet Cobbles. These are the same as Dry Cobbles habitats but occur in areas where water seeps over the surface after moving horizontally along impervious subsurface strata.

Cliff Faces. The vertical basalt cliffs that merge characteristics of the previous five habitat types. During the spring, water often seeps over these.

Fractured Basalt. Such areas are represented by piles of large, dry, fractured basalt cobbles with no visible soil present, often found at the base of sloping or vertical outcrops.

Low Mounds. This habitat is defined by thin, well-drained, somewhat rocky soils with no exposed cobbles. These areas resemble mima mounds on portions of the mesa.

Thick Soils. The thickest, most highly developed grassland soils typify this type of habitat and represent the final stage of grassland succession on the mesa.

Shaded Soils. Thick, well-developed soils of shaded or protected localities, such as under oaks or in steep-sided draws, characterize this habitat.

Wet Margins. These are adjacent to intermittent creeks and also encircle vernal pools at or above their high water mark with damp, somewhat clayey soils.

Vernal Pools. This habitat occurs in vernal pools and hogwallows below their high water mark after drying has occurred.

Standing Water. This habitat is formed by the standing water of intermittent creeks and vernal pools.

Ruderal. Ruderal habitats are represented by disturbed sites, dirt roads, and areas adjacent to the only public road across the mesa: Cherokee Road.

Species marked with an asterisk (\*) are non-native species.

April 2003 (CC)

<sup>1</sup> Courtesy California Native Plant Society, Sacramento Valley Chapter: <http://www.sacvalleycnps.org/>

## FLORA OF TABLE MOUNTAIN

Family	Species	Common Name	Habitats Where Found
<b>QUILLWORTS AND SPIKE MOSSES</b>			
Isoetaceae	<i>Isoetes howellii</i>	Howell's quillwort	Vernal pools. Occasional
	<i>Isoetes nuttallii</i>	Nuttall's quillwort	Low mounds, vernal pools. Overlooked, common
Selaginellaceae	<i>Selaginella hansenii</i>	Hansen's spike moss	Bedrock outcrops, thin soils, wet cobbles, cliff faces. Common
<b>FERNS AND ALLIES</b>			
Marsileaceae	<i>Pilularia americana</i>	American pillwort	Vernal pools
Polypodiaceae	<i>Polypodium calirhiza</i>	Intermediate polypody	Wet cobbles, cliff faces, shaded soils.
Pteridaceae	<i>Cheilanthes gracillima</i>	Lace lip fern	Bedrock outcrops, thin soils, cliff faces. Common on basalt in protected localities.
	<i>Pellaea andromedifolia</i>	Coffee fern	Dry cobbles, cliff faces, fractured basalt
	<i>Pellaea mucronata</i>	Bird's foot fern	Dry cobbles, cliff faces, fractured basalt.
	<i>Pentagramma triangularis</i> ssp. <i>triangularis</i>	Gold-backed fern	Wet cobbles, cliff faces, shaded soils. Common in mesic, protected areas.
	<i>Pentagramma triangularis</i> ssp. <i>semipallida</i>	Silver-backed fern	Fractured basalt. Rare, known from single location at mesa's north tip.
<b>CONIFERS</b>			
Pinaceae	<i>Pinus ponderosa</i>	Ponderosa pine	Shaded soils. Uncommon in draws at the mesa's edge.
	<i>Pinus sabiniana</i>	Gray pine	Shaded soils. Common along the mesa's edge.
<b>FLOWERING PLANTS - DICOTS</b>			
Amaranthaceae	<i>Amaranthus albus</i> *	Tumbleweed	Ruderal, along Cherokee Road.
Anacardiaceae	<i>Toxicodendron diversilobum</i>	Poison oak	Shaded soils, protected ravines.
Apiaceae	<i>Eryngium vaseyi</i> var. <i>vallicola</i>	Vasey's coyote thistle	Vernal pools. Common
	<i>Lomatium marginatum</i>	Margined lomatium	Fractured basalt, low mounds.

Family	Species	Common Name	Habitats Where Found
	<i>Lomatium utriculatum</i>	Bladder lomatium	Thin soils, outcrop edges, dry cobbles, cliff faces. Common.
	<i>Perideridia oregana</i>	Oregon yampah	Fractured basalt. Occasional.
	<i>Sanicula bipinnata</i>	Poison sanicle	Thick soils. Common.
	<i>Sanicula bipinnatifida</i>	Purple sanicle	Thick soils. Common.
	<i>Scandix pecten-veneris</i> *	Shepherd's needle	Shaded soils, ruderal. Common weed.
Aristolochiaceae			
	<i>Aristolochia californica</i>	California pipevine	Dry cobbles, fractured basalt. Common.
Asteraceae			
	<i>Achyrachaena mollis</i>	Blow wives	Outcrop edges, dry cobbles.
	<i>Agoseris heterophylla</i>	Annual agoseris	Thin soils, low mounds, thick soils
	<i>Bidens frondosa</i>	Sticktight	Vernal pools. Uncommon.
	<i>Blennosperma nanum</i>	Yellow carpet	Thin soils, low mounds, wet margins. Common.
	<i>Calycadenia oppositifolia</i>	Butte Co. calycadenia	Thin soils. Uncommon. Rare but not endangered in California.
	<i>Calycadenia truncata</i>	Rosinweed	Dry cobbles, fractured basalt, low mounds. Common.
	<i>Centaurea solstitialis</i> *	Yellow star thistle	Thick soils, ruderal.
	<i>Chamomilla suaveolens</i> *	Common pineapple weed	Dry cobbles, low mounds, thick soils, ruderal. Common.
	<i>Conyza floribunda</i> *	Many-flowered horseweed	Shaded soils. Rare
	<i>Filago gallica</i> *	Narrow-leaved filago	Vernal pools, ruderal.
	<i>Gnaphalium canescens</i> ssp. <i>thermale</i>	Small-headed cudweed	Dry cobbles. Uncommon at north edge.
	<i>Gnaphalium palustre</i>	Western marsh cudweed	Vernal pools
	<i>Grindelia camporum</i>	Valley gumplant	Ruderal
	<i>Hemizonia fitchii</i>	Fitch's spikeweed	Low mounds, thick soils encircling wet margins
	<i>Hypochaeris glabra</i> *	Smooth cat's ear	Dry cobbles, low mounds, thick soils
	<i>Lactuca serriola</i> *	Prickly lettuce	Thick soils
	<i>Lagophylla glandulosa</i>	Glandular hareleaf	Thick soils encircling wet margins
	<i>Lasthenia californica</i>	California goldfields	Outcrop edges, low mounds, wet margins. Common.
	<i>Lasthnia fremontii</i>	Fremont's goldfields	Wet margins, vernal pools. Common
	<i>Layia fremontii</i>	Fremont's tidytops	Wet margins, vernal pools. Uncommon.
	<i>Micropus californicus</i>	Slender cottonweed	Low mounds, vernal pools
	<i>Microseris acuminata</i>	Sierra foothill microseris	Wet margins
	<i>Psilocarphus brevissimus</i>	Dwarf woolly marbles	Vernal pools. Abundant in nearly all pools
	<i>Psilocarphus oregonus</i>	Oregon woolly-marbles	Vernal pools, ruderal. Uncommon
	<i>Psilocarphus tenellus</i>	Slender woolly marbles	Vernal pools. Mixed with <i>P. brevissimus</i> .
	<i>Senecio sylvaticus</i> *	Wood groundsel	Low mounds
	<i>Senecio vulgaris</i> *	Old-man-in-the-spring	Thin soils, outcrop edges, low mounds, thick soils, ruderal. Common in annual grassland.
	<i>Silybum marianum</i> *	Milk thistle	Thick soils, shaded soils. Common under oaks.
	<i>Uropappus lindleyi</i>	Lindley's microseris	Dry cobbles, cliff faces
	<i>Xanthium strumarium</i>	Cocklebur	Vernal pools

Family	Species	Common Name	Habitats Where Found
Boraginaceae			
	<i>Amsinckia menziesii</i> var. <i>intermedia</i>	Common fiddleneck	Thick soils, ruderal. Common on grassy slopes.
	<i>Amsinckia menziesii</i> var. <i>menziesii</i>	Menzies' fiddleneck	Thick soils, ruderal. Common.
	<i>Cryptantha flaccida</i>	Weak-stemmed cryptantha	Low mounds. Uncommon.
	<i>Plagiobothrys austinae</i>	Austin's popcorn flower	Vernal pools.
	<i>Plagiobothrys bracteatus</i> .	Bracted popcorn flower	Vernal pools. Common.
	<i>Plagiobothrys fulvus</i>	Fulvous popcorn flower	Thick soils
	<i>Plagiobothrys glyptocarpus</i>	Sculptured popcorn flower	Vernal pools. Common
	<i>Plagiobothrys nothofulvus</i>	Common popcorn flower	Thick soils. Common
	<i>Plagiobothrys stipitatus</i> var. <i>micranthus</i>	Small-flowered popcorn flower	Vernal pools.
	<i>Plagiobothrys stipitatus</i> var. <i>stipitatus</i>	Large-flowered popcorn flower	Vernal pools. Uncommon.
Brassicaceae			
	<i>Arabis breweri</i> var. <i>austini</i>	Austin's rockcress	Cliff faces. Common on mesa's west edge; rare but not endangered in California.
	<i>Athysanus pusillus</i>	Petty athysanus	Shaded soils. Uncommon.
	<i>Capsella bursa-pastoris</i> *	Shepherd's purse	Thick soils, ruderal.
	<i>Cardamine oligosperma</i>	Western bittercress	Shaded soils, wet margins.
	<i>Draba verna</i>	Spring whitlow grass	Thin soils. Uncommon.
	<i>Lepidium nitidum</i>	Shining pepper grass	Low mounds. Common.
	<i>Raphanus raphanistrum</i> *	Jointed charlock	Thick soils, shaded soils.
	<i>Sisymbrium officinale</i> *	Hedge mustard	Shaded soils. Common along mesa's edge.
	<i>Streptanthus diversifolius</i>	Variable-leaved jewelflower	Bedrock outcrops, thin soils. Possibly the northernmost Sierra Nevada population.
	<i>Streptanthus tortuosus</i> var. <i>suffrutescens</i>	Woody mountain jewel-flower	Bedrock outcrops, thin soils, cliff faces. This rare variety is common here.
	<i>Thysanocarpus curvipes</i>	Fringepod	Low mounds, thick soils. Infrequent
	<i>Thysanocarpus curvipes</i> var. <i>elegans</i>	Fringepod	Dry cobbles, low mounds, thick soils. Common.
Callitrichaceae			
	<i>Callitriche heterophylla</i> var. <i>bolanderi</i>	Variable-leaved water starwort	Standing water
	<i>Callitriche marginata</i>	Winged water starwort	Low mounds, wet margins. Common but overlooked
Campanulaceae			
	<i>Downingia cuspidata</i>	Toothed downingia	Vernal pools. Common in dried pools.
	<i>Githopsis specularioides</i>	Common bluecup	Thin soils, outcrop edges, low mounds.
	<i>Heterocodon rariflorum</i>	Heterocodon	Vernal pools. Uncommon.
Caprifoliaceae			
	<i>Sambucus mexicana</i>	Blue elderberry	Shaded soils. Uncommon.

Family	Species	Common Name	Habitats Where Found
Caryophyllaceae			
	<i>Cerastium glomeratum</i> *	Sticky mouse-eared chickweed	Dry cobbles, low mounds, thick soils. Common.
	<i>Minuartia californica</i>	California sandwort	Thin soils, low mounds. Uncommon.
	<i>Minuartia douglasii</i>	Douglas' sandwort	Bedrock outcrops, outcrop edges. Common.
	<i>Petrorhagia dubia</i> *	Grass pink	Low mounds, thick soils.
	<i>Sagina decumbens</i> ssp. <i>occidentalis</i>	Western pearlwort	Wet margins, vernal pools.
	<i>Silene gallica</i> *	Windmill pink	Shaded soils, ruderal.
	<i>Spergularia rubra</i> *	Ruby sandspurry	Low mounds, thick soils, ruderal.
	<i>Stellaria media</i> *	Common chickweed	Wet cobbles, low mounds, thick soils, shaded soils. Common.
Crassulaceae			
	<i>Crassula aquatica</i>	Water pygmyweed	Wet margins, vernal pools.
	<i>Crassula connata</i>	Pigmyweed	Thin soils, outcrop edges, dry cobbles, wet cobbles, low mounds, ruderal. Common.
	<i>Crassula tillaea</i> *	Mossy pigmyweed	Thin soils, outcrop edges, dry cobbles, wet cobbles, low mounds.
	<i>Dudleya cymosa</i>	Canyon dudleya	Cliff faces
	<i>Parvisedum pumilum</i>	Dwarf stonecrop	Bedrock outcrops, thin soils, outcrop edges, wet cobbles.
Cucurbitaceae			
	<i>Marah fabaceus</i> var. <i>agrestis</i>	California manroot	Fractured basalt. Common, creeping on cobble piles.
	<i>Marah watsonii</i>	Taw manroot	Fractured basalt, creeping on cobble piles.
Ericaceae			
	<i>Arctostaphylos manzanita</i>	Big manzanita	Low mounds, shaded soils. Occasional.
	<i>Arctostaphylos viscida</i>	White-leaved manzanita	Low mounds, shaded soils. Occasional.
Euphorbiaceae			
	<i>Chamaesyce ocellata</i> ssp. <i>ocellata</i>	Valley spurge	Low mounds, thick soils.
	<i>Eremocarpus setigerus</i>	Turkey mullein	Thick soils, wet margins, ruderal.
Fabaceae			
	<i>Astragalus pauperculus</i>	Depauperate milk vetch	Thin soils, low mounds. Uncommon. Rare but not endangered in Calif.
	<i>Lotus humistratus</i>	Foothill lotus	Low mounds, thick soils. Common.
	<i>Lotus micranthus</i>	Small-flowered lotus	Thin soils, outcrop edges, low mounds, thick soils.
	<i>Lotus wrangelianus</i>	Wrangel lotus	Outcrop edges, low mounds. Common.
	<i>Lupinus albifrons</i> var. <i>albifrons</i>	Silver bush lupine	Cliff faces, fractured basalt. Common as mesa's west edge.

Family	Species	Common Name	Habitats Where Found
	<i>Lupinus bicolor</i> ssp. <i>pipersmithii</i>	Bicolored lupine	Shaded soils.
	<i>Lupinus bicolor</i> ssp. <i>tridentatus</i>	Bicolored lupine	Thin soils, outcrop edges, dry cobbles, low mounds. Common.
	<i>Lupinus nanus</i>	Sky lupine	Outcrop edges, dry cobbles, low mounds, thick soils, ruderal. Most common lupine on mesa.
	<i>Lupinus pachylobus</i>	Big-podded lupine	Thick soils, shaded soils. Common under oaks.
	<i>Lupinus polycarpus</i>	Small-flowered lupine	Outcrop edges, dry cobbles, low mounds, thick soils, ruderal. Common.
	<i>Medicago polymorpha</i> *	Common bur clover	Thick soils, shaded soils, wet margins, vernal pools.
	<i>Medicago praecox</i> *	Mediterranean bur clover	Not observed by author Jokerst.
	<i>Trifolium albopurpureum</i>	Indian clover	Thin soils, low mounds.
	<i>Trifolium depauperatum</i>	Cowbag clover	Dry cobbles, wet cobbles, low mounds. Common.
	<i>Trifolium microcephalum</i>	Small-headed clover	Dry cobbles, thick soils.
	<i>Trifolium subterraneum</i> *	Subterranean clover	Outcrop edges, dry cobbles, low mounds, thick soils.
	<i>Trifolium variegatum</i>	White-tipped clover	Wet margins. Common along all waterways.
	<i>Trifolium willdenovii</i>	Tomcat clover	Thick soils. Common.
	<i>Vicia villosa</i> *	Winter vetch	Ruderal. Only on disturbed soil.
Fagaceae			
	<i>Quercus chrysolepis</i>	Canyon live oak	Thick soils, shaded soils. Uncommon.
	<i>Quercus douglasii</i>	Blue oak	Thick soils, shaded soils. Common along ravines and at mesa's edge.
	<i>Quercus kelloggii</i>	California black oak	Shaded soils. Uncommon.
	<i>Quercus lobata</i>	Valley oak	Shaded soils.
	<i>Quercus wislizenii</i>	Interior live oak	Thick soils, shaded soils. Common.
Gentianaceae			
	<i>Centaurium venustum</i>	Canchalagua	Wet margins.
	<i>Cicendia quadrangularis</i>	Timwort	Wet margins. Uncommon.
Geraniaceae			
	<i>Erodium botrys</i> *	Long-beaked stork's bill	Dry cobbles, wet cobbles, low mounds, thick soils. Common.
	<i>Erodium brachycarpum</i> *	Short-fruited stork's bill	Thin soil, low mounds.
	<i>Erodium cicutarium</i> *	Red-stemmed filaree	Thick soils. Uncommon.
	<i>Geranium dissectum</i> *	Cut-leaved geranium	Wet margins. Rare in seepage areas.
	<i>Geranium molle</i> *	Dove's foot geranium	Shaded soils. Common in ravines and under oaks.
Hippocastanaceae			
	<i>Aesculus californica</i>	California buckeye	Shaded soils. Uncommon in ravines.
Hydrophyllaceae			
	<i>Nemophila heterophylla</i>	Variable-leaved nemophila	Shaded soils. Common.
	<i>Phacelia cicutaria</i>	Caterpillar phacelia	Fractured basalt. Common.
	<i>Phacelia egea</i>	Rock phacelia	Dry cobbles, cliff faces, fractured basalt.

Family	Species	Common Name	Habitats Where Found
Hypericaceae	<i>Hypericum anagalloides</i>	Tinker's penny	Wet margins, vernal pools.
	<i>Hypericum perforatum</i> *	Klamathweed	Vernal pools, ruderal. Occasional near water.
Lamiaceae	<i>Lycopus americanus</i>	Cut-leaved bugleweed	Wet margins, vernal pools.
Lauraceae	<i>Umbellularia californica</i>	California bay	Shaded soils. Common.
Limnanthaceae	<i>Limnanthes douglasii</i> ssp. <i>rosea</i>	Rosy meadowfoam	Wet margins. Common.
	<i>Limnanthes floccosa</i> ssp. <i>californica</i>	Butte County meadowfoam	Not observed by author Jokerst. Rare and endangered species. May be extinct here.
Lythraceae	<i>Lythrum hyssopifolium</i> *	Hyssop loosestrife	Wet margins, vernal pools. Occasional.
Malvaceae	<i>Sidalcea calycosa</i>	Annual sidalcea	Wet margins, vernal pools. Common along creeks.
	<i>Sidalcea hartwegii</i>	Hartweg's sidalcea	Thin soils. Uncommon.
Onagraceae	<i>Clarkia arcuata</i>	Kellogg's clarkia	Thin soils, low mounds.
	<i>Clarkia purpurea</i> ssp. <i>quadrivulnera</i>	Purple clarkia	Dry cobbles, low mounds, thick soils.
	<i>Epilobium densiflorum</i>	Dense-flowered spike primrose	Wet margins, vernal pools.
	<i>Epilobium torreyi</i>	Torrey's spike primrose	Wet margins, vernal pools.
Orobanchaceae	<i>Orobanche uniflora</i>	Naked broomrape	Wet cobbles. Scarce in shaded areas.
Oxalidaceae	<i>Oxalis corniculata</i> *	Creeping wood sorrel	Shaded soils, wet margins. Uncommon.
Papaveraceae	<i>Eschscholzia caespitosa</i>	Foothill poppy	Thin soils, dry cobbles, low mounds.
	<i>Eschscholzia lobbii</i>	Fryingpans	Thin soils, outcrop edges, dry cobbles, fractured basalt, low mounds, thick soils. Common.
Plantaginaceae	<i>Plantago elongata</i>	Elongate plantain	Wet margins, vernal pools. Uncommon.
	<i>Plantago erecta</i>	Erect plantain	Thin soils, outcrop edges, low mounds. Common.
Polemoniaceae			

Family	Species	Common Name	Habitats Where Found
	<i>Gilia capitata</i> ssp. <i>pedemontana</i>	Foothill globe gilia	Dry cobbles, fractured basalt. Occasional.
	<i>Gilia tricolor</i>	Bird's eye gilia	Low mounds. Common.
	<i>Linanthus bicolor</i>	Bicolored linanthus	Low mounds, thick soils. Common.
	<i>Linanthus ciliatus</i>	Whisker brush	Vernal pools. Uncommon.
	<i>Linanthus filipes</i>	Wild baby's breath	Outcrop edges. Common.
	<i>Linanthus parviflorus</i>	Cherokee linanthus	Low mounds. Uncommon.
	<i>Navarretia divaricata</i>	Spreading navarretia	Thin soils, low mounds. Common on mesa but not frequent at low elevations in Sacto. Valley.
	<i>Navarretia intertexta</i>	Needle-leaved navarretia	Wet margins, vernal pools. Uncommon.
	<i>Navarretia leucocephala</i>	White-flowered navarretia	Vernal pools. Common in most vernal pools.
	<i>Navarretia tagetina</i>	Marigold navarretia	Thin soils, low mounds. Common.
	<i>Phlox gracilis</i>	Slender phlox	Dry cobbles, wet cobbles.
Polygonaceae			
	<i>Eriogonum nudum</i>	Nude buckwheat	Thin soils, dry cobbles, low mounds.
	<i>Polygonum californicum</i>	California knotweed	Outcrop edges, low mounds. Uncommon
	<i>Polygonum hydropiperoides</i>	Mild water pepper	Vernal pools, standing water. Common in wet areas.
	<i>Pterostegia drymarioides</i>	Pterostegia	Wet cobbles. Uncommon.
	<i>Rumex acetosella</i> *	Common sheep sorrel	Cliff faces, thick soils. Uncommon
	<i>Rumex crispus</i> *	Curly dock	Thick soils, ruderal. Common
	<i>Rumex pulcher</i> *	Fiddle dock	Thick soils, shaded soils, ruderal.
Portulacaceae			
	<i>Calandrinia ciliata</i>	Redmaids	Thin soils, outcrop edges, low mounds, thick soils. Common.
	<i>Claytonia perfoliata</i>	Common miner's lettuce	Shaded soils
	<i>Lewisia rediviva</i>	Bitter root	Bedrock outcrops, thin soils. Occasional
	<i>Montia fontanasp.</i> <i>amporitana</i>	Water montia	Standing water. Common on rocks in shallow water.
	<i>Montia fontana</i> ssp. <i>chondrosperma</i>	Water montia	Wet margins.
Primulaceae			
	<i>Anagalis arvensis</i> *	Scarlet pimpernel	Thick soils, shaded soils, wet margins. Common.
	<i>Dodecatheon clevelandii</i> ssp. <i>patulum</i>	Lowland shootingstar	Thin soils, low mounds. Common on well-drained soils.
Ranunculaceae			
	<i>Delphinium nudicaule</i>	Red larkspur	Wet cobbles, cliff faces, fractured basalt.
	<i>Delphinium patens</i>	Spreading larkspur	Cliff faces, fractured basalt. Common.
	<i>Delphinium variegatum</i>	Royal larkspur	Low mounds, thick soils.
	<i>Myosurus minimus</i>	Common mousetail	Wet margins, vernal pools. Uncommon.
	<i>Ranunculus aquatilis</i> var. <i>hispidulus</i>	Water buttercup	Standing water.

Family	Species	Common Name	Habitats Where Found
	<i>Ranunculus bonariensis</i> var. <i>trisepalus</i>	Three-sepaled buttercup	Vernal pools. Rare on mesa.
	<i>Ranunculus canus</i>	Sacramento Valley buttercup	Wet margins. Common on damp soil.
	<i>Ranunculus muricatus</i> *	Prickle-seeded buttercup	Wet margins. Common.
Rhamnaceae			
	<i>Rhamnus tomentella</i> ssp. <i>tomentella</i>	Hoary coffeeberry	Dry cobbles, fractured basalt. Uncommon.
Rosaceae			
	<i>Aphanes occidentalis</i>	Western lady's mantle	Low mounds. Common but overlooked.
Rubiaceae			
	<i>Galium aparine</i>	Cleavers	Dry cobbles, wet cobbles, fractured basalt, shaded soil.
	<i>Galium parisiense</i> *	Wall bedstraw	Ruderal. Common roadside weed.
	<i>Galium porrigens</i> var. <i>tenue</i>	Narrow-leaved climbing bedstraw	Fractured basalt, shaded soils. Rare.
	<i>Sherardia arvensis</i> *	Field madder	Low mounds, thick soils, ruderal. Common.
Salicaceae			
	<i>Populus fremontii</i> ssp. <i>fremontii</i>	Fremont's cottonwood	Shaded soils. Occasional along creeks.
	<i>Salix laevigata</i>	Red willow	Shaded soils. Along creeks.
	<i>Salix lasiolepis</i>	Arroyo willow	Shaded soils. Along creeks.
Saxifragaceae			
	<i>Lithophragma bolanderi</i>	Bolander's woodlandstar	Dry cobbles, wet cobbles, fractured basalt, thin soils.
	<i>Lithophragma parviflorum</i>	Small-flowered woodlandstar	Wet cobbles, fractured basalt. Occasional.
	<i>Saxifraga californica</i>	California saxifrage	Wet cobbles. Common.
	<i>Saxifraga integrifolia</i>	Hooker's saxifrage	Wet cobbles. Common.
Scrophulariaceae			
	<i>Antirrhinum cornutum</i>	Spurred snapdragon	Ruderal. Uncommon.
	<i>Castilleja attenuata</i>	Valley tassels	Outcrop edges, dry cobbles, low mounds.
	<i>Castilleja exserta</i>	Purple owl clover	Thin soils, outcrop edges, dry cobbles. Common.
	<i>Collinsia sparsiflora</i> var. <i>bruceae</i>	Few-flowered collinsia	Dry cobbles, wet cobbles, low mounds. Common.
	<i>Collinsia tinctoria</i>	Sticky Chinese houses	Dry cobbles, fractured basalt. Common.
	<i>Gratiola ebracteata</i>	Bractless hedge hysopp	Wet margins, vernal pools.
	<i>Keckiella breviflora</i>	Gaping keckiella	Cliff faces.
	<i>Mimulus douglasii</i>	Purple mouse ears	Outcrop edges, dry cobbles.
	<i>Mimulus floribundus</i>	Floriferous monkey flower	Wet cobbles, cliff faces, shaded soils. Common.
	<i>Mimulus guttatus</i>	Seep monkey flower	Wet margins, vernal pools. Common.
	<i>Mimulus kelloggii</i>	Kellog's monkey flower	Outcrop edges, dry cobbles. Common.
	<i>Mimulus tricolor</i>	Tricolored monkey flower	Vernal pools. Occasional.

Family	Species	Common Name	Habitats Where Found
	<i>Triphysaria eriantha</i> ssp. <i>eriantha</i>	Johnnytuck	Thin soils, low mounds. Common.
	<i>Veronica peregrina</i> ssp. <i>xalapensis</i>	Purslane speedwell	Wet margins, vernal pools. Common.
Valerianaceae			
	<i>Plectritis macrocera</i>	White plectritis	Dry cobbles, wet cobbles. Common.
Violaceae			
	<i>Viola douglasii</i>	Douglas' violet	Thin soils, dry cobbles, low mounds. Common.
	<i>Viola purpurea</i> ssp. <i>quercetorum</i>	Oakwoods violet	Dry cobbles, wet cobbles.
Viscaceae			
	<i>Arceuthobium americanum</i>	Lodgepole pine dwarf mistletoe	Rare; parasitic on <i>Pinus sabiniana</i> .
	<i>Phoradendron villosum</i>	Hairy mistletoe	Occasional; parasitic on <i>Quercus douglasii</i>

### FLOWERING PLANTS - MONOCOTS

Cyperaceae			
	<i>Bulbostylis capillaris</i>	Hair-like bulbostylis	Vernal pools.
	<i>Carex subfusca</i>	Rusty slender sedge	Wet margins, vernal pools. Occasional.
	<i>Cyperus eragrostis</i>	Tall cyperus	Wet margins, vernal pools. Common.
	<i>Cyperus squarrosus</i>	Awned cyperus	Vernal pools. Uncommon.
	<i>Cyperus strigosus</i>	False nutsedge	Wet margins, vernal pools. Common.
	<i>Eleocharis acicularis</i>	Needle spike rush	Wet margins. Common.
	<i>Eleocharis macrostachya</i>	Pale spike rush	Vernal pools. Common.
Juncaceae			
	<i>Juncus bufonius</i>	Common toad rush	Low mounds, wet margins, vernal pools. Common.
	<i>Juncus capitatus</i> *	Leafy-bracted dwarf rush	Wet margins, vernal pools. Uncommon.
	<i>Juncus leiospermus</i>	Red Bluff dwarf rush	Wet margins, vernal pools. Was considered extinct until recently and is commonly found on mesa.
	<i>Juncus uncialis</i>	Inch-high rush	Vernal pools. Uncommon.
Juncaginaceae			
	<i>Lilaea scilloides</i>	Flowering quillwort	Vernal pools. Occasional.
Lemnaceae			
	<i>Lemna minor</i>	Lesser duckweed	Standing water. Uncommon.
Liliaceae			
	<i>Allium amplexans</i>	Clasping onion	Dry cobbles, low mounds, ruderal. Common.
	<i>Allium cratericola</i>	Volcanic onion	Bedrock outcrops, thin soils. Abundant on bedrock
	<i>Allium membranaceum</i>	Papery onion	Dry cobbles, fractured basalt. Scarce at north tip.
	<i>Brodiaea elegans</i>	Elegant brodiaea	Low mounds. Widely scattered, occasional.
	<i>Brodiaea minor</i>	Bluestars	Thin soils, low mounds. Uncommon.
	<i>Calochortus albus</i>	White globe lily	Dry cobbles. Uncommon in shaded areas at the mesa's north tip.

Family	Species	Common Name	Habitats Where Found
	<i>Calochortus luteus</i>	Yellow mariposa lily	Thin soils, low mounds, ruderal.
	<i>Chlorogalum pomeridianum</i>	Wavy-leaved soap plant	Outcrop edges, dry cobbles, fractured basalt, low mounds. Common.
	<i>Dichelostemma capitatum</i>	Bluedicks	Thin soils, outcrop edges, dry cobbles, cliff faces, low mounds, thick soils. Very common on mesa.
	<i>Dichelostemma multiflorum</i>	Round-toothed ookow.	Dry cobbles, low mounds, thick soils, ruderal. Common.
	<i>Odontostomum hartwegii</i>	Hartweg's odontostomum	Thin soils, outcrop edges, fractured basalt.
	<i>Triteleia hyacinthina</i>	Wild hyacinth	Wet margins. Rare, only found at one locality.
	<i>Triteleia ixiooides</i> ssp. <i>unifolia</i>	Dark-stained prettyface	Low mounds, thick soils. Common.
	<i>Triteleia laxa</i>	Ithurriel's spear	Low mounds. Occasional.
	<i>Triteleia lilacina</i>	Glassy wild hyacinth	Thin soils, outcrop edges, low mounds. Common.
Poaceae			
	<i>Agrostis microphylla</i>	Small-leaved bentgrass	Thin soils, outcrop edges, low mounds.
	<i>Aira caryophylla</i> *	Silver European hairgrass	Thin soils, outcrop edges, low mounds, thick soils.
	<i>Alopecurus saccatus</i>	Vernal pool foxtail	Vernal pools, standing water. Common.
	<i>Aristida oligantha</i>	Oldfield three awn	Wet margins.
	<i>Aristida ternipes</i> var. <i>hamulosa</i>	Hook three awn	Thin soils, outcrop edges, thick soils. Rare; northernmost known population in Sacto. Valley.
	<i>Avena barbata</i> *	Slender wild oat	Low mounds, thick soils, ruderal. Common.
	<i>Briza minor</i> *	Lesser quaking grass	Low mounds, thick soils, wet margins. Common.
	<i>Bromus diandrus</i> *	Ripgut brome	Thick soils, ruderal.
	<i>Bromus hordeaceus</i> ssp. <i>hordeaceus</i> *	Soft chess	Outcrop edges, dry cobbles, low mounds, thick soils, ruderal.
	<i>Bromus hordeaceus</i> ssp. <i>molliformis</i> *		Dry cobbles, thick soils. Common.
	<i>Bromus madritensis</i> ssp. <i>madritensis</i> *	Foxtail chess	Dry cobbles. Uncommon.
	<i>Bromus madritensis</i> ssp. <i>rubens</i> *	Red brome	Thick soils, shaded soils, ruderal.
	<i>Cynodon dactylon</i> *	Bermuda grass	Shaded soils, vernal pools.
	<i>Cynosurus echinatus</i> *	Hedgehog dogtail	Shaded soils. Common under shade of oaks.
	<i>Deschampsia danthonioides</i>	Annual hairgrass	Wet margins, vernal pools.
	<i>Echinochloa crus-galli</i> *	Barnyard grass	Vernal pools. Common.
	<i>Elymus glaucus</i>	Blue wild rye	Dry cobbles. Uncommon at mesa's west edge.
	<i>Elymus xhanseni</i>		Dry cobbles, cliff faces. Rare.
	<i>Gastridium ventricosum</i> *	Nutgrass	Thin soils, outcrop edges. Common.
	<i>Hordeum brachyantherum</i>	Meadow barley	Wet margins. Rare.
	<i>Hordeum marinum</i> ssp. <i>gussoneanum</i> *	Mediterranean barley	Outcrop edges, ruderal. Common.
	<i>Hordeum murinum</i> ssp. <i>leporinum</i> *	Hare wall barley	Shaded soils, ruderal. Common.
	<i>Koeleria phleoides</i> *	Bristly Koeler's grass	Thin soils, low mounds, thick soils. Common.
	<i>Lamarckia aurea</i> *	Goldentop	Dry cobbles, fractured basalt. Occasional.
	<i>Lolium multiflorum</i> *	Annual ryegrass	Thick soils, shaded soils. Uncommon.
	<i>Melica californica</i>	California melic	Thin soils, dry cobbles, cliff faces, fractured basalt. Common.

Family	Species	Common Name	Habitats Where Found
	<i>Nassella pulchra</i>	Purple needlegrass	Rare, only known from herbarium collection.
	<i>Paspalum dilatatum</i> *	Dallisgrass	Vernal pools.
	<i>Phalaris caroliniana</i> *	Carolina canarygrass	Vernal pools. Uncommon.
	<i>Phalaris paradoxa</i> *	Paradox canarygrass	Vernal pools. Uncommon.
	<i>Poa annua</i> *	Annual bluegrass	Thick soils, shaded soils, wet margins. Common.
	<i>Poa secunda</i> ssp. <i>secunda</i>	One-sided bluegrass	Thin soils, outcrop edges, cliff faces. Uncommon.
	<i>Poa tenerrima</i>	Delicate bluegrass	Vernal pools. Uncommon at mesa's northern pools.
	<i>Polypogon australis</i> *	Southern beardgrass	Not observed by author Jokerst
	<i>Polypogon monspeliensis</i> *	Annual beardgrass	Vernal pools. Common.
	<i>Scribneria bolanderi</i>	Scribner's grass	Low mounds, thick soils. Uncommon.
	<i>Taeniatherum caput-medusae</i> *	Medusa head	Thick soils. Occasional.
	<i>Vulpia microstachys</i> var. <i>ciliata</i>	Fringed fescue	Thin soils, outcrop edges, dry cobbles.
	<i>Vulpia microstachys</i> var. <i>confusa</i>	Hairy-leaved fescue	Thin soils, outcrop edges, dry cobbles.
	<i>Vulpia microstachys</i> var. <i>microstachys</i>	Small fescue	Thin soils, outcrop edges, dry cobbles. Common.
	<i>Vulpia microstachys</i> var. <i>pauciflora</i>	Few-flowered fescue	Thin soils, outcrop edges, dry cobbles.
	<i>Vulpia myuros</i> var. <i>hirsuta</i> *	Foxtail fescue	Dry cobbles, low mounds, thick soils. Common.
	<i>Vulpia myuros</i> var. <i>myuros</i> *	Rattail fescue	Thin soils, outcrop edges, dry cobbles, low mounds.