

Cystopteris fragilis - small
Pentagramma triangularis many of same plants as redwood forest
PLANTS OF CALAVERAS STATE PARK

FERNS Cold back

- ✓ Equisetum spp., horsetails
- ✓ *Pellaea mucronata*, birdsfoot fern - hot/dry/rock
- ✓ *Polystichum* sp. *P. munitum*
- ✓ *Pteridium aquilinum*, bracken fern
- ✓ *Woodwardia fimbriata*, giant chain fern

CONIFERS

- ✓ *Abies concolor*, white fir - flat needles, shade tolerant, needles twist to be flat, cones shatter not fire adapted (low snags)
- ✓ *Calocedrus decurrens*, incense cedar - cypress family
- ✓ *Pinus jeffreyi*, Jeffrey pine
- ✓ *P. lambertiana*, sugar pine - short needle, longest cone in ss - white pine family
- ✓ *P. ponderosa*, ponderosa pine - 3 long needles
- ✓ *Pseudotsuga menziesii*, Douglas-fir
- ✓ *Sequoiadendron giganteum*, big tree or giant sequoia - thick non-resinous bark (resists fire) buttress base self pruning cones open in fire or when squirrels drop
- ✓ *Taxus brevifolia*, western yew shrubby (10'). Taxol

FLOWERING PLANTS

- ACERACEAE. Maple family
- ✓ *Acer macrophyllum*, bigleaf maple opposite leaf moving to Sapindaceae
- ANACARDIACEAE. Sumac family
- ✓ *Toxicodendron diversilobum*, poison oak
- APIACEAE. Parsley family
- ✓ *Angelica breweri*, Brewer's angelica
- ✓ *Heracleum lanatum*, cow parsnip
- ✓ *Sanicula* spp., sanicles
- ✓ *Tauschia hartwegii* dry shade
- ✓ *Torilis arvensis*, hedge parsley
- ✓ *Osmorhiza chilensis* - sweet Cicely
- APOCYNACEAE Dogbane family
- ✓ *Apocynum cannabinum*, Indian hemp
- ARISTOLOCHIACEAE. Birthwort family
- ✓ *Asarum hartwegii*, mottled wild ginger - hairy stems
- ✓ *A. lemmonii*, Lemmon's wild ginger
- ASCLEPIADACEAE. Milkweed family
- ✓ *Asclepias cordifolia*, heart-leaf milkweed
- ✓ *A. speciosa*, showy milkweed
- ASTERACEAE. Daisy family
- ✓ *Achillea millefolium*, yarrow
- ✓ *Adenocaulon bicolor*, trail plant - leaf grey underside
- ✓ *Agoseris* spp., native dandelions *A. retorsa*
- ✓ *Anaphalis margaritacea*, pearly everlasting
- ✓ *Artemisia douglasiana*, mugwort
- ✓ *Aster* spp., asters
- ✓ *Cirsium occidentale*, cobweb thistle

- ✓ *Eriophyllum lanatum*, woolly sunflower
- ✓ *Gnaphalium* spp., cudweeds
- ✓ *Hieracium albiflorum*, white hawkweed
- ✓ *Hypochoeris* spp., cats ears
- ✓ *Layia platyglossa*, tidy tips
- ✓ *Microseris* sp.
- ✓ *Senecio integerrimus* purple back to leaf
- ✓ *Solidago canadensis*, Canada goldenrod
- ✓ *Taraxacum officinale*, dandelion
- ✓ *Uropappus lindleyi*, silver puffs
- ✓ *Wyethia angustifolia*, narrow-leaf mule's ear

BERBERIDACEAE. Barberry family

- ✓ *Berberis aquifolium*, Oregon grape

BETULACEAE. Birch family

- ✓ *Alnus rhombifolia*, white alder whitish bark
- ✓ *Corylus cornuta californica*, hazelnut soft leaf

BORAGINACEAE. Borage family

- ✓ *Amsinckia menziesii*, fiddleneck
- ✓ *Cryptantha* spp., popcorn flowers
- ✓ *Cynoglossum occidentale*, western hound's tongue

BRASSICACEAE. Mustard family

- ✓ *Arabis glabra*, tower mustard
- ✓ *Barbarea orthoceras*, winter cress
- ✓ *Brassica* spp., mustards
- ✓ *Capsella bursa-pastoris*, shepherd's purse
- ✓ *Erysimum capitatum*, western wallflower
- ✓ *Lepidium* spp., pepeggrasses
- ✓ *Streptanthus tortuosus*, shield-leaf
- ✓ *Thysanocarpus* sp., fringedop

CAMPANULACEAE. Bellflower family

- ✓ *Campanula prenanthoides*, Calif. harebell

CAPRIFOLIACEAE. Honeysuckle family

- ✓ *Sambucus mexicana*, blue elderberry
- ✓ *Symphoricarpos mollis*, creeping snowberry some leaves lobed, some not

CARYOPHYLLACEAE. Pink family

- ✓ *Pseudostellaria jamesiana*, woodland chickweed
- ✓ *Silene californica*, Indian pink
- ✓ *Spergularia rubra*, sand spurrey
- ✓ *Stellaria longipes*, meadow chickweed

CONVOLVULACEAE. Morning glory family

- ✓ *Calystegia* spp., native morning glories *C. furcratus*

CORNACEAE. Dogwood family

- ✓ *Cornus nuttallii*, mountain dogwood

C. sericea, stream or redbud dogwood

CRASSULACEAE. Stonecrop family
Dudleya cymosa, hotrock dudleya

CUSCUTACEAE. Dodder family
Cuscuta sp., dodder

DATISCAEAE. Datisca family
Datisca glomerata, Durango root

ERICACEAE. Heather family
Arbutus menziesii, madrone
✓ Arctostaphylos viscida, whiteleaf manzanita *new growth*
✓ Chimaphila umbellata, prince's pine - pink sticky
Pterospora andromeda, pine drops
✓ Pyrola picta, whitevein shinleaf *oval leaf, straight vein*
✓ Rhododendron occidentale, western azalea
✓ Sarcodes sanguinea, snowplant - blood red, no chlorophyll
lives on mycorrhizal fungi.

FABACEAE. Pea family
✓ Lathyrus nevadensis, Sierra sweetpea *ground cover*
L. sulphureus, sulfur sweetpea
Lotus crassifolius, bull lotus
L. nevadensis, Sierra lotus
L. oblongifolius, meadow lotus
✓ Lupinus grayi, Gray's lupine - *mat forming, dry shade*
L. latifolius, woodland lupine
L. nanus, sky lupine
L. stiversii, harlequin lupine
Melilotus alba, white sweetclover
Trifolium pratense, red clover
T. repens, white clover
T. wildenovii, tomcat clover
Vicia americana, native vetch

FAGACEAE. Beech or oak family
✓ Chrysolepis sempervirens, mountain chinquapin
✓ Quercus chrysolepis, goldcup oak
✓ Q. kelloggii, Calif. black oak

GENTIANACEAE. Gentian family
Centaurium venustum, canchalagua

GERANIACEAE. Geranium family
Erodium spp., filarees

GROSSULARIACEAE. Gooseberry family *fragrant leaf*
✓ Ribes nevadense, Sierra currant *flowers upright*
✓ R. roezlii, Sierra gooseberry

HYDROPHYLLACEAE. Waterleaf family
Draperia systyla
Hydrophyllum occidentale, western waterleaf

Nemophila heterophylla, woodland nemophila
N. maculata, five-spot
N. menziesii, baby-blue-eyes
✓ Phacelia imbricata, rock phacelia
P. heterophylla virgata, tower phacelia
P. vallicola

HYPERICACEAE. St. johnswort family
Hypericum anagalloides, tinker's penny

IRIDACEAE. Iris family
✓ Iris hartwegii, rainbow iris *pale yellow*
Sisyrinchium sp., blue-eyed grass

LAMIACEAE. Mint family
Agastache urticifolia, horsemint
Monardella lanceolata, mustang mint
M. odoratissima, mt. coyote mint
Prunella vulgaris, self-heal
Pycnanthemum californicum, mountain mint
Scutellaria californica, Calif. skullcap
S. tuberosa, tuberous skullcap
Stachys ajugoides, common woodmint

LAURACEAE. Laurel family
Umbellularia californica, Calif. bay

LILIACEAE. Lily family
Allium campanulatum, Sierra onion
A. cratericola, lava onion
Brodiaea elegans, elegant brodiaea
Calochortus leichtlinii, Sierra mariposa
C. monophyllus, yellow pussy ears
C. nudus, mt. star-tulip
✓ Chlorogalum pomeridianum, soap plant
✓ Clintonia uniflora, queen cup - *white cup flower, blue fruit*
Dichelostemma capitatum, blue dicks
D. multiflorum, wild hyacinth
Disporum hookeri, Hooker's fairy bells
✓ Fritillaria micrantha, small-flowered fritillary
Lilium pardalinum, leopard lily
L. parvum, alpine lily
✓ L. washingtonianum, Washington lily *fragrant*
Smilacina racemosa, fat false solomon's seal
S. stellata, starry false solomon's seal
Trillium chloropetalum, giant trillium
Triteleia hyacinthina, white brodiaea
T. ixioides, golden brodiaea
Veratrum californicum, common corn-lily

LIMNANTHACEAE. Meadowfoam family
Limnanthes spp., meadowfoams

* get seeds in S. Grove park lot

LINACEAE. Flax family
Linum lewisii, mt. blue flax

MALVACEAE. Mallow family
✓ Sidalcea glaucescens, mt. checkerbloom *lavender*
S. malviflora, common checkerbloom

ONAGRACEAE. Evening-primrose family
Circaea alpina, enchanter's nightshade
Clarkia biloba
C. purpurea, wine cups
C. rhomboidea, diamond clarkia
Epilobium angustifolium, fireweed
E. canum, California fuchsia
Gayophytum spp.

ORCHIDACEAE. Orchid family
Cephalanthera austinae, ghost orchid
Coralorhiza maculata, spotted coralroot
C. striata, striped coralroot
C. trifida, northern coralroot
✓ Goodyera oblongifolia, rattlesnake orchid *- stripe in mid of leaf (white)*
Piperia elegans, elegant rein orchid
Spiranthes romanzoffiana, ladies' tresses

PAPAVERACEAE. Poppy family
Eschscholzia californica, Calif. poppy
Dicentra formosa, western bleeding heart

POLEMONIACEAE. Phlox family
Collomia grandiflora, bride's bouquet
Gilia capitata, globe gilia
G. leptalea
Ipomopsis aggregata, skyrocket
Linanthus ciliatus, whisker brush
Phlox diffusa, mat phlox


POLYGONACEAE. Buckwheat family
Chorizanthe membranacea, spineflower
Eriogonum nudum, naked stem buckwheat
E. umbellatum, sulfur buckwheat
Polygonum douglasii
Rumex acetosella, sheep sorrel
R. salicifolius, willowleaf dock

PORTULACACEAE. Portulaca family
Calyptridium umbellatum, pussy paws
Claytonia perfoliata, miner's lettuce
✓ *Claytonia exigua - more bluish leaf*

PRIMULACEAE. Primrose family
Dodecatheon hendersonii, Henderson's shooting stars
D. jeffreyi, Jeffrey's shooting stars
✓ Trientalis latifolia, starflower *- pink*

RANUNCULACEAE. Buttercup family
✓ Actaea rubra, baneberry *red poison berry*
✓ Aquilegia formosa, red columbine
Clematis ligusticifolia, riparian clematis
Delphinium gracilentum, graceful larkspur
Ranunculus occidentalis, western buttercup
Trautvetteria caroliniensis, false bugbane

RHAMNACEAE. Buckthorn family
✓ Ceanothus cordulatus, snowbrush *grey, thorns, flex branches*
✓ C. integerrimus, deerbrush *deciduous*
C. parvifolius, littleleaf ceanothus
C. prostratus, mahala mats
Rhamnus californica, coffee berry
R. rubra, red buckthorn
✓ *C. leucodermis - grey, thorns, taller than cordulatus*

ROSACEAE. Rose family *white flowers like apple*
✓ Amelanchier spp., service berries *- serrations on end of leaf*
✓ Chamaebatia foliolosa, mountain misery
✓ Fragaria vesca, woodland strawberry *- good fruit*
Horkelia spp.
✓ Potentilla glandulosa, sticky cinquefoil
P. gracilis, meadow cinquefoil
✓ Prunus emarginata, bitter cherry *- white flower, groves* 
P. subcordata, Sierra plum
P. virginiana demissa, choke cherry
Purshia tridentata, antelope brush
✓ Rosa spp., wild roses *R. gymnocarpa*
✓ Rubus parviflorus, thimbleberry *no spines*
Spiraea densiflora, rose spiraea

RUBIACEAE. Coffee family
✓ Galium spp., bedstraws *Gibolanderi*
Kelloggia galioides

SALICACEAE. Willow family
Populus balsamifera trichocarpa, black cottonwood
P. tremuloides, quaking aspen
Salix spp., willows

SANTALACEAE. Sandalwood family
Comandra umbellata, bastard toadflax

SAXIFRAGACEAE. Saxifrage family
Boykinia major, brook saxifrage
✓ Darmera peltata, Indian rhubarb *- water plant*
Lithophragma affine, woodland star
Mitella breweri, bishop's cap

SCROPHULARIACEAE. Figwort family
Castilleja applegatei, mt. paintbrush
Collinsia parviflora *torreyi*, blue-eyed mary
C. tinctoria, tincture plant
✓ Keckiella breviflora, gaping penstemon

K. corymbosa, red rock penstemon
K. lemmonii, Lemmon's bush penstemon
Mimulus bicolor
M. guttatus, golden monkeyflower
M. moschatus, musk monkeyflower
M. torreyi, Torrey's monkeyflower
Penstemon heterophyllus, blue foothill penstemon
P. laetus, gay penstemon
P. speciosus, showy penstemon
P. newberryi, mt. pride
Verbascum blattaria, moth mullein
V. thapsus, common mullein
Veronica spp., speedwells

SOLANACEAE. Nightshade family
Solanum xantii, blue witch

STYRACACEAE. Storax family
Styrax officinalis, snowdrop bush

VIOLACEAE. Violet family
Viola douglasii, Douglas's violet
✓ V. glabella, smooth yellow violet
✓ V. lobata, lobed violet *deeply lobed - palmate, red back on petal*
V. mackloskeyi, white meadow violet
✓ V. purpurea, pine violet *purple back of leaf*
V. sheltonii, Shelton's violet

VISCACEAE. Mistletoe family
Phoradendron villosum, oak mistletoe

VITACEAE. Vine family
Vitis californica, Calif. wild grape