

**PLANTS EXPECTED TO BE FOUND IN GATES and MIX CANYONS
VACA MOUNTAINS modified Spring 1999**

Ferns and fern-allies

DRYOPTREACEAE		PTERIDACEAE	
<i>Dryopteris arguta</i>	wood fern	<i>Adiantum jordanii</i>	maiden-hair fern
EQUISETACEAE		<i>Pellaea andromaedifolia</i>	coffee fern
<i>Equisetum telmateia Braunii</i>	giant horsetail	<i>Pentagramma triangularis</i>	golden-back fern
POLYPODIACEAE			
<i>Polypodium californicum</i>	Ca. polypody		

Trees and Shrubs

(or plant families with mostly trees and shrubs)

ACERACEAE		JUGLANDACEAE	
<i>Acer macrophyllum</i>	big-leaf maple	<i>Juglans californica hindsii</i>	N-Cal. black
ANACARDIACEAE		walnut	
<i>Toxicodendron diversilobum</i>	poison-oak	LAURACEAE	
BETULACEAE		<i>Umbellularia californica</i>	California bay
<i>Alnus rhombifolia</i>	white alder	OLEACEAE	
CALYCANTHACEAE		<i>Fraxinus latifolia</i>	Oregon ash
<i>Calycanthus occidentalis</i>	spice bush	<i>Olea europa</i>	olive
CAPRIFOLIACEAE		PINACEAE	
<i>Lonicera hispidula vacillans</i>	trip vine	<i>Pinus sabiniana</i>	gray pine
<i>Sambucus mexicanus</i>	blue elderberry	RHAMNACEAE	
<i>Symphoricarpos albus laevigatus</i>	snowberry	<i>Ceanothus cuneatus</i>	buck brush
ERICACEAE		<i>Ceanothus soledatus</i>	Jim brush
<i>Arctostaphylos glandulosa</i>	white-leaf	<i>Rhamnus californicus</i>	coffee berry
manzanita		<i>Rhamnus ilicifolia</i>	red berry
<i>Arctostaphylos manzanita</i>	common	ROSACEAE	
manzanita		<i>Adenostema fasciculatum</i>	chamise
FAGACEAE		<i>Cercocarpus betuloides</i>	mountain
<i>Quercus agrifolia</i>	coastal live-oak	mahogany	
<i>Quercus berberidifolia</i>	scrub oak	<i>Heteromeles arbutifolia</i>	toyon
<i>Quercus chrysolepis</i>	canyon live-oak	<i>Holodiscus discolor</i>	ocean spray
<i>Quercus douglasii</i>	blue oak	<i>Rosa californica</i>	wild rose
<i>Quercus kelloggii</i>	black oak	<i>Rubus discolor</i>	Himalayan
<i>Quercus lobata</i>	valley oak	blackberry	
<i>Quercus wislizenii</i>	interior live-oak	<i>Rubus ursinus</i>	Ca. blackberry
<i>Quercus X morehus</i>	oracle oak	SALICACEAE	
GROSSULARIACEAE		<i>Populus fremontii</i>	Fremont
<i>Ribes malvaceum viridifolium</i>	chaparral current	cottonwood	
<i>Ribes victorus</i>	Victor's gooseberry	<i>Salix laevigata</i>	red willow
HIPPOCASTENACEAE		VITACEAE	
<i>Aesculus californica</i>	Ca. buckeye	<i>Vitis californicus</i>	wild grape

Herbaceous Dicots

APIACEAE

<i>Angelica tomentosa</i>	angelica
<i>Foeniculum vulgare</i>	fennel
<i>Lomatium californicum</i>	lomatium
<i>Sanicula bipinnata</i>	poison sanicle
<i>Sanicula bipinnatifida</i>	purple sanicle
<i>Sanicula crassicaulis</i>	common sanicle
<i>Scandix pecten-veneris</i>	shepards needle
<i>Torilis nodosa</i>	

ARISTILOCHIACEAE

<i>Aristolochia californica</i>	pipevine
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ASCLEPIDACEAE

<i>Asclepias cordifolius</i>	milkweed
<i>Asclepius fascicularis</i>	milkweed

ASTERACEAE

<i>Achillea millefolium</i>	yarrow
<i>Anaphalis margaritacea</i>	pearly everlasting
<i>Artemisia douglasiana</i>	mugwort
<i>Baccharis pilularis</i>	coyote brush
<i>Centuarea solstitialis</i>	star thistle
<i>Cirsium occidentale</i>	western thistle
<i>Eriophyllum lanatum achillaeoides</i>	woolly sunflower
<i>Filago gallica</i>	filago
<i>Grindelia</i> sp.	gumplant
<i>Lactuca serriola</i>	prickly wild lettuce
<i>Matricaria matricarioides</i>	pineapple weed
<i>Micropus californicus</i>	slender cottonweed
<i>Senecio vulgaris</i>	ragwort
<i>Sonchus asper</i>	prickly sow thistle
<i>Sonchus oleraceous</i>	common sow thistle
<i>Uropappus lindleyi</i>	silver puffs
<i>Wyethia helenoides</i>	mules ears

BORAGINACEAE

<i>Amsinckia intermedia</i>	fiddleneck
<i>Cynoglossum grande</i>	hounds tongue
<i>Plagiobothrys nothofulvus</i>	popcorn flower

BRASSICACEAE

<i>Barbarea verna</i>	early winter cress
<i>Brassica rapa</i>	turnip, field mustard
<i>Cardamine californica</i>	milk maids
<i>Cardamine oligosperma</i>	w. bitter cress
<i>Erysimum capitatum</i>	wallflower
<i>Raphanus sativus</i>	wild radish
<i>Sinapis arvensis</i>	charlock
<i>Sisymbrium altissimum</i>	tumble mustard
<i>Sisymbrium officinale</i>	hedge mustard

CARYOPHYLLACEAE

<i>Cerastium viscosum</i>	mouse-eared chickweed
<i>Silene gallica</i>	catchfly
<i>Spergularia arvensis arvensis</i>	starwort
<i>Stellaria media</i>	common chickweed

CONVOLVULACEAE

<i>Calystegia occidentalis</i>	western morning glory
<i>Convolvulus arvensis</i>	field bindweed

CRASSULACEAE

<i>Dudleya cymosa</i>	rock lettuce
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CUCURBITACEAE

<i>Marah fabaceus</i>	man root
<i>Marah watsonii</i>	wild cucumber

DATISCAEAE

<i>Datisca glomerata</i>	durango root
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EUPHORBIACEAE

<i>Euphorbia peplus</i>	petty spurge
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FABACEAE

<i>Cercis occidentalis</i>	redbud
<i>Hoita macrostachya</i>	hoita
<i>Lotus crassifolius</i>	lotus
<i>Lotus heermannii</i>	lotus
<i>Lotus humistratus</i>	lotus
<i>Lotus scoparius</i>	deer brush
<i>Lotus wrangelianus</i>	lotus
<i>Lupinus albifrons</i>	lupine
<i>Lupinus bicolor</i>	miniature lupine
<i>Lupinus densiflorus</i>	lupine
<i>Lupinus latifolius</i>	lupine
<i>Lupinus succulentus</i>	arroyo lupine
<i>Medicago hispida</i>	black medic
<i>Pickeringia montana</i>	chaparral pea
<i>Trifolium ciliolatum</i>	clover
<i>Trifolium tridentatum</i>	clover
<i>Vicia villosa ssp. varia</i>	vetch

GERANIACEAE

<i>Erodium botrys</i>	filaree
<i>Erodium cicutarium</i>	storksbill
<i>Erodium moschatum</i>	filaree
<i>Geranium dissectum</i>	geranium

HYDROPHYLLACEAE

<i>Eriodictyon californica</i>	yerba santa
<i>Nemophila heterophylla</i>	nemophila
<i>Nemophila pedunculata</i>	nemophila
<i>Phacelia</i> sp.	phacelia

LAMIACEAE

Lepechinia calycina bladder sage
Monardella villosa coyote mint
Salvia spathaceae pitcher sage
Stachys rigida quercetorum hedge nettle

ONAGRACEAE

Clarkia rhomboidea clarkia

POLYGONACEAE

Polygonum aviculare
Rumex crispus curly dock

PORTULACACEAE

Calandrina maritima red maids
Claytonia perfoliata miners lettuce

PRIMULACEAE

Dodecatheon hendersonii shooting stars

RANUNCULACEAE

Clematis lasiantha virgin's bower
Delphinium nudicaule red larkspur
Delphinium patens larkspur
Isopyrum occidentale isopyrum
Ranunculus canus buttercup

RUBIACEAE

Galium aparine bedstraw
Galium nuttallii bedstraw

SAXIFRAGACEAE

Lithophragma heterophylla woodland star
Saxifraga californica saxifrage

OXALIDACEAE

Oxalis pes-caprae Bermuda buttercup

PAPAVERACEAE

Eschscholzia californica California poppy

PLANTAGINACEAE

Plantago hookeriana californica plantain
Plantago lanceolata plantain

SCROPHULARIACEAE

Castilleja exserta purple owl's
 clover
Castilleja foliolosa indian paintbrush
Collinsia heterophylla chinese houses
Mimulus aurentiacus bush
 monkeyflower
Mimulus guttatus seep-spring
 monkeyflower
Pedicularis densiflora indian warrior
Penstemon lemmonii beard tongue
Scrophularia californica figwort
Triphysaria erianthus Johnny-tuck

SOLANACEAE

Solanum xantii nightshade

VALERINACEAE

Plectritis macrocera plectritis

VISCACEAE

Phoradendron flavescens mistletoe

Monocots (lilies, grasses)**CYPERACEAE**

Carex nudata sedge
Cyperus eragrostis nut-grass

IRIDACEAE

Iris sp. iris

JUNCACEAE

Juncus bufonius toad rush

LILIACEAE

Allium amplexans narrow-leaved onion
Brodiaea laxa grass nut
Calochortus amabilis fairy lanterns
Chlorogalum pomeridianum soaproot
Dichelostemma capitatum blue dicks
Dichelostemma volubile twining brodiaea
Fritillaria affinis affinis checker lily
Zigadenus fremontii star lily

POACEAE

Arundo donax giant reed
Avena fatua wild oats
Briza minor quaking grass
Bromus mollis soft chess
Bromus tectorum cheat grass
Elymus/Leymus
Hordeum murinum leporinum wild barley
Melica sp.
Vulpia microstachys vulpia