

VASCULAR PLANTS OF MIDLAND AND GRASS MOUNTAIN

Compiled by Jeff Goddard, April 2004; revised April 2009

Nomenclature based on Ferren et al. (2003, Draft Checklist of the Vascular Plants of Sedgwick Reserve, Santa Barbara County, California), Smith (1998, A Flora of the Santa Barbara Region, California) and Hickman (1993, The Jepson Manual: Higher Plants of California). Barry Tanowitz and Avis Keedy of the Santa Barbara Botanic Garden provided additional identifications during a field trip to the Figueroa Mountain area on 15 April 2004. This list is updated periodically; comments and additions can be sent to Jeff goddard@lifesci.ucsb.edu or Lise Goddard lgoddard@midland-school.org.

An asterisk (*) indicates introduced species

PTERIDOPHYTES (Ferns and fern allies)

Dryopteridaceae, Wood Fern Family

Dryopteris arguta, Coastal Wood Fern (shady oak woodland)

Equisetaceae, Horsetail Family

Equisetum sp., Scouring Rush (riparian, Birabent Canyon)

Polypodiaceae, Polypody Family

Polypodium californicum, California Polypody Fern (shady cliffs)

Pteridaceae, Brake Family

Adiantum jordanii, California Maidenhair Fern (shady slopes)

Pellaea andromedifolia, Coffee Fern

Pellaea mucronata, Bird's-foot Fern

Pentagramma triangularis, Goldenback Fern (shady slopes)

GYMNOSPERMS (Conifers and allies)

Cupressaceae, Cypress Family

Juniperus californica, California Juniper

Pinaceae, Pine Family

Pinus coulteri, Coulter Pine (near top of Grass Mountain)

Pinus sabiniana, Gray Pine

Pseudotsuga macrocarpa, Bigcone Douglas Fir or Bigcone Spruce (near top of Grass Mountain)

ANGIOSPERMS: DICOTS (Flowering plants with flower parts in 4's, 5's or spirals)

Aceraceae, Maple Family

Acer macrophyllum, Big-leaf Maple (riparian, in canyons)

Anacardiaceae, Cashew Family

Toxicodendron diversilobum, Poison Oak

Apiaceae, Celery Family

**Conium maculatum*, Poison Hemlock (a few plants at start of reservoir road)

**Foeniculum vulgare*, Fennel (a few plants along reservoir road, plus a patch just beyond the Figueroa Mountain Road bridge)

Lomatium utriculatum, Hog Fennel or Spring Gold (bright yellow flowers in umbel)

Lomatium sp. (on top of serpentine hill near Pistol Spring)

Sanicula crassicaulis, Pacific Sanicle

Asclepiadaceae, Milkweed Family

Asclepias californica, California milkweed (Fence Canyon)

Asteraceae, Aster or Sunflower Family

Achillea millefolium, White Yarrow

Achyrachaena mollis, Blow Wives (flower barely opens; lacks ray flowers)

Artemesia douglasiana, Mugwort

Artemisia californica, Coastal Sagebrush,

Baccharis pilularis, Coyote Brush

Baccharis salicifolia, Mulefat

Brickellia californica, Bricklebrush

Chaenactis galbriuscula, Yellow Pincushion (bright yellow; has lobed disk flowers and no ray flowers)

Chamomilla suaveolens, Pineapple Weed or Manzanilla

Cirsium spp. Thistles (native and introduced species)

Coriopsis sp. (probably *C. bigelovii*, but may also be *C. douglasii*; on serpentine soil above upper Maple Creek)

Eriophyllum confertiflorum, Golden Yarrow

Gnaphalium californicum, California Everlasting

Grindelia camporum, Gumplant

Haplopappus squarrosus, Goldenbush

Lasthenia californica, Goldfields

Layia platyglossa, Tidy Tips

Lepidospartum squamatum, Scale Broom (a shrub that superficially resembles a diminutive scotch broom; in flower late summer; on Res. Rd at 1st gate [by soccer field])

Lessingia (= *Corethrogyne*) *filaginifolia*, California Aster (common along reservoir road)

Madia sp., Tarweed (small, single yellow flowers)

Psilocarphus tenellus var. *tenellus*, Slender Woolly-heads

**Xanthium spinosum*, Spiny Cocklebur (large patch at Holly Spring)

**Xanthium strumarium*, Cocklebur

Betulaceae, Birch Family

Alnus rhombifolia, White Alder (riparian, in canyons)

Boraginaceae, Borage Family

Plagiobothrys nothofulvus, Popcorn Flower

Amsinckia menziesii, var. *intermedia*, Common Fiddleneck (small yellow flowers in coils)

Brassicaceae, Mustard Family

**Brassica nigra*, Black Mustard

Brassica sp., Mustard

**Capsella bursa-pastoris*, Shepard's Purse

Cardamine californica, Milkmaids (white flowers w/ 4 petals; on shady hillsides; one of first flowers to bloom)

Caulanthus amplexicaulus var. *barbarae*, Santa Barbara Jewelflower (**rare**, found only on serpentine outcrops at the western end of the San Rafael Mtns.; we have three known populations at Midland, including one around the top of Serpentine Mountain)

Lepidium nitidum, Common Peppergrass

**Raphanus sativus*, Wild Radish

Thysanocarpus laciniatus, Narrow-leaved Lacepod

unidentified mustard w/ yellow flowers & pinnate leaves

Cactaceae, Cactus Family

Opuntia sp., Prickly Pear (near confluence of Maple and Alamo Pintado Creeks)

Campanulaceae, Bellflower family

Lobelia dunnii, Rothrock's Lobelia (riparian, upper Maple Creek)

Caprifoliaceae, Honeysuckle family

Lonicera interrupta, Shrubby Honeysuckle (at mouth of Birabent Canyon)

Lonicera subspicata var. *denudata* (small cream-colored flowers)

Sambucus mexicana, Mexican Elderberry

Symphoricarpos sp., Snowberry (Birabent Canyon)

Caryophyllaceae, Pink Family

Silene gallica, Wild pink (small white, pinwheel shaped flowers)

Convolvulaceae, Morning-glory family

Calystegia collina subsp. *venusta*, South Coast Range Morning Glory (prostrate, with wavy-edged leaves; on serpentine)

Calystegia purpurata, Western Morning Glory (Birabent Canyon)

Crassulaceae, Stonecrop Family

Dudleya sp., Live-forever (rocky outcrops; has broad leaves)

Dudleya lanceolata, Rock Lettuce (has slender leaves and red-orange flowers)

Cucurbitaceae, Gourd Family

Cucurbita foetidissima, Stinking Gourd, or Coyote Melon

Datura wrightii (similar to Jimson Weed, but with larger, finely hairy flowers)

Marah sp., Manroot or Wild Cucumber

Cuscutaceae, Dodder Family

Cuscuta sp., Dodder (pale orange colored, stringy parasite; on plants at foot of Sentinel Rock)

Ericaceae, Heath Family

Arctostaphalus sp., Manzanita

Euphorbiaceae, Spurge Family

Eremocarpus setigerus, Dove Weed, or Turkey Mullein (common in pastures)

Fabaceae, Legume or Pea Family

Amorpha californica, False Indigo (Fence Canyon)

Lotus scoparius, Deerweed

Lotus spp.

Trifolium spp., Clover

Lupinus succulentus, Succulent Lupine (has hollow stem)

Lupinus spp. (at least three species)

Vicia spp., Vetches (probably both native and introduced species)

Fagaceae, Beech Family

Quercus agrifolia, Coast Live Oak

Quercus berberidifolia, Scrub Oak (Birabent Canyon)

Quercus chrysolepis, Canyon Live Oak (at top of Grass Mountain)

Quercus douglasii, Blue Oak

Quercus lobata, Valley Oak or California White Oak (often with parasitic mistletoe)

Geraniaceae, Geranium Family

Erodium cicutarium, Red-stem Filaree (small pink flowers, geranium family)

Grossulariaceae, Gooseberry Family

Ribes californicum var. *californicum*, Canyon Gooseberry

Ribes speciosum, Fuchsia-flowered Gooseberry

Hydrophyllaceae, Waterleaf Family

Emmenanthe penduliflora, Wispering Bells

Eriodictyon tomentosum, Woolly Yerba Santa

Eucrypta chrysanthemifolia, common Eucrypta (small white flowers & lacy pinnate leaves)

Phacelia imbricata, Rock Phacelia

Pholistoma auritum, Fiesta Flower (shady woodlands)

Juglandaceae, Walnut Family

Juglans californica, California Walnut

Lamiaceae, Mint family

**Lamium amplexicale*, Claspig Henbit

Marrubium vulgare, Horehound
Salvia columbariae, Chia Sage
Salvia leucophylla, Purple Sage
Salvia mellifera, Black Sage
Salvia spathacea, Hummingbird Sage
Stachys bullata, Wood Mint
Trichostema lanceolatum, Vinegar Weed (flowers in fall; very aromatic)

Lauraceae, Laurel Family

Umbellularia californica, California Bay Laurel (riparian, in canyons)

Onagraceae, Evening-primrose Family

Clarkia purpurea subsp. *quadrivulnera*, Fourspot, or Wine-cup Clarkia
Clarkia unguiculata (has distinctive spade-shaped petals)
Clarkia spp.
Epilobium brachycarpum, Parched Fireweed (tiny pink flowers on wispy, 5' tall plants, late summer)
Epilobium canum, California Fuchsia

Orobanchaceae, Broome-rape Family

Orobanche californica subsp. *feudgei*, California Broomrape (parasite on purple sage roots; look for upright cluster of pale tan colored flowers emerging from ground under sage)

Paeoniaceae, Peony Family

Paeonia californica, California Peony (fire follower; large magenta flowers point down)

Papaveraceae, Poppy Family

Eschscholzia caespitosa, Tufted Poppy (no ring below the flower; does not grow on serpentine)
Eschscholzia californica, California Poppy
Papaver californicum, Fire Poppy (March 2009, one patch just below Indian Mounds)
Platystemon californicus, Cream-cups

Platanaceae, Sycamore Family

Platanus racemosa, Western Sycamore (often with parasitic mistletoe)

Plantaginaceae, Plantain Family

**Plantago lanceolata*, English Plantain
Plantago erecta, California Plantain

Polemoniaceae, Phlox Family

Navarretia sp.
Gilia capitata, Globe Gilia (blue globe-shaped clusters of small flowers)
Gilia achilleifolia subsp. *multicaulis* (small, red-blue flowers on serpentine)
Leptodactylon californicum, Prickly Phlox
Linanthus parviflorus, Common Linanthus

Polygonaceae, Buckwheat Family

Chorizanthe palmeri, Chorizanthé or Spineflower

Chorizanthé staticoides, Turkish Rugging (another spineflower, dries red-brown)

Eriogonum elongatum, Wand Buckwheat

Eriogonum fasciculatum, California Buckwheat

Unidentified buckwheat *Eriogonum* species (low growing species that forms large reddish patches in late summer in the pastures toward the end of the reservoir road)

**Rumex crispus*, Curley Dock

Portulacaceae, Purslane Family

Calandrinia ciliata, Red Maids (low-growing with bright magenta flowers)

Claytonia perfoliata, Miner's Lettuce

Primulaceae, Primrose Family

Dodecatheon clevelandii, Shooting Stars

Ranunculaceae, Buttercup Family

Clematis lasiantha, Chaparral Clematis or Virgin's Bower (vine growing on chaparral plants)

Clematis ligusticifolia, Creek Clematis (Birabent Canyon)

Delphinium parryi, Parry's Delphinium

Ranunculus californicus, California Buttercup

Rhamnaceae, Buckthorne Family

Ceanothus cuneatus, Buck Brush

Rhamnus californica, Coffeeberry (Birabent Canyon)

Rhamnus crocea, Red Berry

Rosaceae, Rose Family

Adenostoma fasciculatum, Chamise

Cercocarpus betuloides, Mountain Mahogany

Heteromeles arbutifolia, Toyon

Prunus ilicifolia, Holly-leaf Cherry

Rosa californica, California Wild Rose (mouth of Birabent Canyon)

Rubus ursinus, Wild Blackberry

Rubiaceae, Madder Family

Galium andrewsii, Phlox-flowered Bedstraw (low growing with tiny flowers)

**Galium aparine*, Cleaver's Bedstraw

Galium nuttallii subsp. *nuttallii*, Woody Galium

Salicaceae, Willow Family

Populus fremontii, Fremont's Cottonwood or Alamo (riparian)

Salix spp., Willow (riparian, probably three or four species)

Saxifragaceae, Saxifrage Family

Lithophragma cymbalaria, Woodstar (white flowers with entire petals; opposite pair of cauline leaves; late winter/spring, shady oak woodland)
Saxifraga californica, California saxifrage (at foot of the fern cliffs at 1st creek crossing past the Indian Mounds, March 2009)

Scrophulariaceae, Figwort Family

Castilleja foliolosa, Woolly Paintbrush
Castilleja exserta subsp. *exserta* Purple Owl's Clover
Collinsia heterophylla, Chinese Houses
Keckiella cordifolia, Climbing or Honeysuckle Penstemon (inch-long, red-orange tubular flowers)
Mimulus guttatus, Monkey Flower (Maple and Birabent Canyons, Holly Spring)
Mimulus longiflorus, Southern Bush Monkey Flower
Penstemon centranthifolius, Scarlet Bugler (off Adobe Creek)
Scrophularia californica, California Figwort (below confluence of Maple & Alamo Pintado Creeks)

Solanaceae, Nightshade Family

Solanum douglasii, Douglas' Nightshade (white flowers)
Solanum umbelliferum, Blue Witch Nightshade (purple flowers with green and white at base of petals; one plant next to drift log on creek bank halfway down reservoir road; stems and leaves covered with minute, branched hairs. Note: this plant was washed away by the high water of Jan. 2005)

Urticaceae, Nettle Family

Urtica dioica, Giant Creek Nettle (riparian, in canyons)

Verbenaceae, Vervain Family

Verbena lasiostachys, Western Vervain (square stems; inflorescence in terminal spikes w/ small blue flowers; a few plants along reservoir road)

Violaceae, Violet Family

Viola pedunculata, Johnny-jump-up (yellow flowers)

Visaceae, Mistletoe Family

Phoradendron spp., Mistletoe (on Sycamore and Oak, and a leafless species on Gray Pine)

ANGIOSPERMS: MONOCOTS (Flowering plants with parallel leaf venation and flower parts in 3's)

Iridaceae, Iris Family

Sisyrinchium bellum, Blue-eyed Grass (blue flowers w/ yellow center; 6 petals)

Liliaceae, Lily Family

Allium haematichiton, Red-skinned Onion (purple flowers)
Allium sp., Wild Onion (white flowers)

Bloomeria crocea, Golden Stars
Brodiaea jolonensis, Dwarf Brodiaea, or Harvest Lily
Calochortus catalinae, Catalina Mariposa Lily
Calochortus clavatus var. *pallidus*, Yellow Mariposa Lily (on serpentine outcrops)
Chlorogalum pomeridianum, Soap Plant
Dichelostemma pulchellum, Blue Dicks, or Wild Hyacinth
Fritillaria biflora, Chocolate Lily
Lilium humboldtii, Tiger or Humboldt's Lily
Yucca whipplei, Chapparal Yucca (dry slopes)

Poaceae, Grass Family (many species; this list is only a start)

**Avena barbata*, Slender Wild Oat
**Avena fatua*, Wild Oat
**Bromus diandrus*, Ripgut Grass
**Hordeum* spp., Barley
Melica imperfecta, Melic Grass
Muhlenbergia utilis, Deer Grass (forms large hummocks in riparian areas)
Nasella pulchra, Purple Needle Grass (native bunchgrass)
Vulpia microstachys, Nuttall's Fescue