

ROCK SPRING AREA, MT.TAMALPAIS: A VASCULAR PLANT SPECIES CHECKLIST

A list initially produced by Wilma Follette, Doreen Smith and members of Marin Chapter CNPS.

This list is of plants occurring on the hills near the Rock Spring parking lot, especially the serpentine barrens also includes the surroundings of the Mountain Theatre. The original list has been updated on several field trips: March 29 2004, 5 May 2007, 15 May 2007, 17 April 2008, 11 March 2009, 28 March 2010, 29 April 2011, 6 June 2012: last revised April 19th 2013

AGAVACEAE (AGAVE FAMILY)

Chlorogalum pomeridianum Straw-lily, Soap-root

ALLIACEAE (ONION FAMILY)

Allium ampletens Paper Onion
Allium falcifolium Sickle-leaf Onion
Allium unifolium Marsh Onion

ANACARDIACEAE (SUMAC FAMILY)

Toxicodendron diversilobum Poison Oak

APIACEAE (CELERY FAMILY)

Daucus pusillus Rattlesnake Weed
Lomatium dasycarpum ssp. *dasycarpum* Hairy-petal Hog Fennel
Lomatium macrocarpum Yellow-flowered Sheep Parsnip
Lomatium utriculatum Spring Gold
Sanicula bipinnatifida Red-Purple Sanicle
Sanicula crassicaulis Pacific Sanicle, Snakeroot
Sanicula laciniata Cut-leaf Sanicle
Sanicula tuberosa Turkey Pea, Cilantro Sanicle
Tauschia kelloggii Yellow Parsley (back of Mntn. Theatre)
Torilis arvensis Hedge Parsley *

ASTERACEAE (ASTER FAMILY)

Achillea millefolium Yarrow
Agoseris grandiflora Dandelion
Agoseris hirsuta Mountain Dandelion
Agoseris heterophylla Annual Dandelion
Anisocarpus radioides Woodland Madia
Calycadenia multiglandulosa White Rosinweed
Cirsium occidentale var. *occidentale* Cobweb Thistle
Erigeron reductus var. *angustatus* Pine Erigeron
Eriophyllum confertiflorum var. *confertiflorum* Golden Yarrow
Eriophyllum lanatum var. *arachnoideum* Woolly Sunflower
Filago pyramidata Cudweed *
Gamochaeta ustulata Silverleaf Cudweed
Grindelia camporum (was *G.hirsutula* var. *davyi*) Sticky Grindelia
Hedynois cretica Cretan dandelion *
Hemizonia congesta ssp. *lutescens* Yellow Hayfield Tarplant
Hesperis sparsiflora var. *sparsiflora* Common Western Evax
Hieracium albiflorum White Hawkweed
Holozonia filipes Streambed Tarplant, Greene's white-crown
Hypochaeris glabra Smooth Cat's-ear *
Hypochaeris radicata Hairy Cat's-ear *
Lasthenia californica (or *L. gracilis*) Slender Goldfields
Logfia filaginoides California Cudweed
Logfia gallica French Cudweed *
Madia exigua Thread-stem Madia

| | | |
|--|-----------------------------------|-----------|
| <i>Madia gracilis</i> | Slender Tarplant | |
| <i>Micropus californicus</i> | Cotton Top, Q-tips | |
| <i>Microseris douglasii</i> ssp. <i>douglasii</i> | Douglas' Dandelion | |
| <i>Psilocarphus tenellus</i> | Small Woolly Marbles | |
| <i>Rigiopappus leptocladus</i> | Rigiopappus | |
| <i>Senecio aronicoides</i> | Butterweed | |
| <i>Solidago velutina</i> ssp. <i>californica</i> | Ca. Goldenrod | |
| <i>Soliva sessilis</i> | Soliva | * |
| <i>Uropappus lindleyii</i> | Silver Puffs | |
| <i>Wyethia angustifolia</i> | Narrow-leaf Mule-ears | |
| <i>Wyethia glabra</i> | | |
| BORAGINACEAE (BORAGE FAMILY) | | |
| <i>Cryptantha flaccida</i> | Nievitans | |
| <i>Nemophila heterophylla</i> | Small-flowered White Nemophila | |
| <i>Nemophila menziesii</i> var. <i>menziesii</i> | Baby-blue-eyes | |
| <i>Phacelia distans</i> | Fern-leaved White Phacelia | |
| <i>Phacelia divaricata</i> | Annual Blue Phacelia | |
| <i>Phacelia imbricata</i> | White-flowered Perennial Phacelia | |
| <i>Plagiobothrys</i> sp. | Wetland Popcorn-flower | |
| <i>Plagiobothrys nothofulvus</i> | Common Popcorn Flower | |
| BRASSICACEAE (MUSTARD FAMILY) | | |
| <i>Athysanus pusillus</i> | Littlepod (unusual forma) | |
| <i>Cardamine californica</i> | Milk-maids | |
| <i>Cardamine oligosperma</i> | Bitter-cress | |
| <i>Draba verna</i> | Early Whitlow Grass | * |
| <i>Lepidium nitidum</i> var. <i>nitidum</i> | Shining Peppergrass | |
| <i>Streptanthus glandulosus</i> ssp. <i>pulchellus</i> | Mt. Tamalpais Jewelflower | LIST 1B.2 |
| <i>Turritis glabra</i> | Tower Mustard | |
| CALLITRICHACEAE (WATER STARWORT FAMILY) | | |
| <i>Callitriche</i> sp. | Water Starwort | |
| CAMPANULACEAE (BELLFLOWER FAMILY) | | |
| <i>Campanula griffinii</i> | White- flowered Annual Harebell | |
| <i>Githopsis specularioides</i> | Bluecup | |
| CAPRIFOLIACEAE (HONEYSUCKLE FAMILY) | | |
| <i>Lonicera hispidula</i> | California Honeysuckle | |
| <i>Symphoricarpos mollis</i> | Short Snowberry | |
| CARYOPHYLLACEAE (PINK FAMILY) | | |
| <i>Cerastium glomeratum</i> | Annual Mouse-ear Chickweed | * |
| <i>Minuartia douglasii</i> | Serpentine Sandwort | |
| <i>Moehringia macrophylla</i> | Perennial Sandwort | |
| <i>Paronychia franciscana</i> | Whitlow-wort | * |
| <i>Petrorhagia dubia</i> | Tunica, Grass-pink | * |
| <i>Sagina decumbens</i> ssp. <i>occidentalis</i> | Pearlwort | |
| <i>Scleranthus annuus</i> | Knawel | * |
| <i>Silene gallica</i> | Windmill Pink | * |
| <i>Spergularia rubra</i> | Common Pink Spurry | * |
| <i>Stellaria nitens</i> | Shining Chickweed | |
| CONVOLVULACEAE (BINDWEED FAMILY) | | |
| <i>Calystegia collina</i> ssp. <i>collina</i> | Serpentine Morning- glory | |

| | | |
|--|----------------------------------|-----------|
| Calystegia purpurata ssp. purpurata | Vining Morning-glory | |
| Calystegia subacaulis ssp. subacaulis | Short-stem Morning-glory | |
| Dichondra donnelliana | Pony's Foot | |
| CRASSULACEAE (STONECROP FAMILY) | | |
| Crassula connata | Sand Pigmy-weed | |
| Dudleya cymosa ssp. cymosa | Rock Lettuce | |
| CYPERACEAE (SEDGE FAMILY) | | |
| Carex densa | Dense-flowered Sedge | |
| Carex globosa | Woodland Sedge | |
| Carex praegracilis | Slender Sedge | |
| Carex serratodens | Serpentine-seep Sedge | |
| DENNSTAEDTIACEAE (BRACKENFERN FAMILY) | | |
| Pteridium aquilinum var. pubescens | Western Brackenfern | |
| DRYOPTERIDACEAE (WOODFERN FAMILY) | | |
| Dryopteris arguta | Common Woodfern | |
| Polystichum munitum | Common Swordfern | |
| ERICACEAE (HEATHER FAMILY) | | |
| Arbutus menziesii | Madrone | |
| Arctostaphylos montana ssp. montana | Mt. Tamalpais manzanita | LIST 1B.3 |
| EUPHORBIACEAE (EUPHORBIA FAMILY) | | |
| Euphorbia spathulata | Grassland Spurge | |
| FABACEAE (PEA FAMILY) | | |
| Acmispon brachycarpus | Hairy Lotus | |
| Acmispon parviflorus | Small-flowered Lotus | |
| Acmispon wrangelianus | Sub-pinnate Lotus | |
| Astragalus breweri | Brewer's Milk Vetch | LIST 4.2 |
| Astragalus gambelianus var. gambelianus | Gambel's Small-flowered Locoweed | |
| Astragalus gambelianus var. elmeri | Gambel's Large-flowered Locoweed | |
| Lathyrus vestitus | Hillside Pea | |
| Hosackia gracilis | Harlequin Lotus | LIST 4.2 |
| Lupinus albifrons var. collinus | Silverleaf Lupine | |
| Lupinus bicolor | Miniature Lupine | |
| Lupinus formosus | Summer Lupine | |
| Lupinus nanus | Sky Lupine | |
| Thermopsis californica | False Lupine, Golden Banner | |
| Trifolium albopurpureum | Indian Clover | |
| Trifolium barbigerum | Bearded Clover | |
| Trifolium bifidum var. bifidum | Notched-leaf clover | |
| Trifolium depauperatum var. truncatum | Involucrate Balloon Clover | |
| Trifolium dichotomum | White-tip Indian Clover | |
| Trifolium dubium | Shamrock, Small Hopclover | * |
| Trifolium gracilentum | Graceful Clover | |
| Trifolium hirtum | Rose Clover | * |
| Trifolium macraei | Twin-head Clover | |
| Trifolium microcephalum | Maiden, or Small headed, Clover | |
| Trifolium microdon | Toothed-cup clover | |
| Trifolium subterraneum | White Subterranean Clover | |
| Trifolium variegatum | White-tip Vari-color Clover | |
| Trifolium willdenovii | Tomcat Clover | |

| | | |
|---|---|---|
| Vicia americana | American Vetch | |
| Vicia sativa | European Vetch | |
| FAGACEAE (OAK/ BEECH FAMILY) | | |
| Notholithocarpus densiflorus var. densiflorus | Tanbark Oak | |
| Quercus agrifolia var. agrifolia | Coast Live Oak | |
| Quercus chrysolepis | Canyon Live Oak | |
| GARRYACEAE (SILK TASSEL FAMILY) | | |
| Garrya elliptica | Lowland Silk Tassel Bush | |
| GENTIANACEAE (GENTIAN FAMILY) | | |
| Centaurium sp. (or Zeltnera sp.) | Centaury | |
| Cicendia quadrangulis | Yellow Gentian, Tiny Timwort | |
| GERANIACEAE (GERANIUM FAMILY) | | |
| Erodium botrys | Long-fruit Broad-leaf Filaree | * |
| Erodium cicutarium | Red-stem Filaree | * |
| Geranium dissectum | Cut-leaved Cranesbill | * |
| Geranium molle | Soft-leaved Clover | * |
| IRIDACEAE (IRIS FAMILY) | | |
| Iris douglasiana | Douglas' iris (here white, cream or yellow) | |
| Iris macrosiphon | Blue Ground iris | |
| Sisyrinchium bellum | Blue-eyed Grass | |
| ISOETACEAE (QUILLWORT FAMILY) | | |
| Isoetes nuttallii | Nuttall's Quillwort | |
| JUNCACEAE (RUSH FAMILY) | | |
| Juncus balticus | Wiry Rush | |
| Juncus bufonius var. bufonius | Toad Rush | |
| Juncus covillei | Long-fruited Rush | |
| Juncus effusus | Green Rush | |
| Juncus occidentalis | Western Rush | |
| Luzula comosa | Woodland Wood-rush | |
| LAMIACEAE (DEAD-NETTLE/ MINT FAMILY) | | |
| Monardella purpurea | Serpentine Monardella | |
| Monardella villosa var. villosa | Western Pennyroyal | |
| Stachys rigida var. quercetorum | Woodland Hedgenettle | |
| LAURACEAE (LAUREL FAMILY) | | |
| Umbellularia californica | California Bay | |
| LILIACEAE (LILY FAMILY) | | |
| Calochortus luteus | Yellow Mariposa Lily | |
| Fritillaria affinis var. affinis | Mission-bells | |
| MALVACEAE (MALLOW FAMILY) | | |
| Sidalcea malviflora ssp. lacinata | Dwarf Checker-bloom | |
| Sidalcea malviflora ssp. malviflora | | |
| MELANTHIACEAE (ZIGADENE FAMILY) | | |
| Toxicoscordion fontanum | Seep Zigadene | |
| Toxicoscordion fremontii | Fremont's Death- camas | |

MONTIACEAE (MINER'S-LETTUCE FAMILY)

Calandrinia ciliata
Claytonia exigua ssp. *exigua*
Claytonia perfoliata
Claytonia parviflora ssp. *parviflora*
Montia fontana

Red Maids
 Small Glaucous Claytonia
 Miners Lettuce
 Small-flowered Claytonia
 Water Montia, Blinks

MYRSINACEAE (MYRSINE FAMILY)

Anagallis arvensis

Scarlet Pimpernel

*

ONAGRACEAE (EVENING-PRIMROSE FAMILY)

Clarkia gracilis ssp. *gracilis*
Clarkia purpurea ssp. *quadrivulnera*
Epilobium minutum
Taraxia ovata

Graceful Godetia
 Winecup Godetia
 Annual Willow-herb
 Perennial Sun-cups

ORCHIDACEAE (ORCHID FAMILY)

Calypso bulbosa var. *occidentalis*
Corallorhiza maculata var. *maculata*
Goodyera oblongifolia
Piperia transversa
Spiranthes porrifolia

Lady's-slipper Orchid
 Spotted Coralroot
 Rattlesnake Plantain
 Transverse-spur Rein Orchid
 Lady's tresses Orchid

OROBANCHACEAE (BROOMRAPE FAMILY)

Castilleja densiflora var. *densiflora*
Orobanche fasciculata
Triphysaria pusilla

Common Owl's Clover
 Clustered Broomrape
 Insignificant Owl's Clover

PAPAVERACEAE (POPPY FAMILY)

Eschscholzia californica
Platystemon californicus

California Poppy
 Cream-cup

PHRYMACEAE (LOPSEED FAMILY)

Mimulus congonii
Mimulus douglasii
Mimulus guttatus

Little Pink Monkeyflower
 Purple Mouse-ears
 Yellow Monkeyflower

PINACEAE (PINE FAMILY)

Pinus coulteri
Pseudotsuga menziesii var. *menziesii*

Big-cone Pine
 Douglas- Fir

*

PLANTAGINACEAE (PLANTAIN FAMILY)

Collinsia sparsiflora var. *collina*
Keckiella corymbosa
Nuttallanthus texanus
Plantago erecta

Small-flowered Collinsia
 Red Woody Pentstemon
 Blue Toad Flax
 Dwarf Plantain

POACEAE (GRASS FAMILY)

Aira caryophyllea
Agrostis sp.
Brachypodium distachyon
Briza major
Briza minor
Bromus carinatus
Brimus diandrus

Hairgrass
 Bentgrass
 Silicagrass
 Rattlesnake Grass
 Little Rattlesnake Grass
 Keeled Brome
 Rippgut Brome

*

*

*

*

*

| | | |
|---|------------------------------------|----------|
| Bromus hordeaceus | Soft Brome | * |
| Bromus madritensis | Madrid Brome | |
| Calamagrostis ophitidis | Serpentine Reedgrass | LiST 2.1 |
| Cynosurus echinatus | Dogtailgrass | * |
| Danthonia californica var. californica | Ca. Oatgrass | |
| Deschampsia danthonioides | Annual Hairgrass | |
| Elymus glaucus ssp. glaucus | Wildrye grass | |
| Festuca bromoides | Brome-like Annual Fescue | * |
| Festuca californica | California Fescue | |
| Festuca idahoensis | Idaho Fescue | |
| Festuca microstachys var. ciliata | Annual Fescue | |
| Festuca myuros | Rat-tail Grass | * |
| Festuca perennis | Italian Ryegrass | * |
| Festuca rubra | Red Fescue | |
| Holcus lanatus | Velvet Grass | * |
| Hordeum brachyantherum | Native Barley Grass | |
| Hordeum marinum | Short Barley | * |
| Hordeum murinum | Farmer's Foxtail | * |
| Koeleria macrantha | June Grass | |
| Melica californica | Grassland Melicgrass | |
| Melica subulata | Tufted Melicgrass | |
| Melica torreyana | Slender Melicgrass | |
| Poa annua | Annual Bluegrass | * |
| Poa bulbosa var. vivipara | Proliferous Bulbous Bluegrass | * |
| Poa pratensis or P. trivialis | Perennial Bluegrass | * |
| Poa secunda ssp. secunda | Early Bluegrass, Malpais Bluegrass | |
| Poa unilateralis | Coastal Bluegrass | |
| Scribneria bolanderi | Bolander's Grass | |
| Stipa lepida | Slender Needlegrass | |
| Stipa pulchra | Purple Needlegrass | |
| POLEMONIACEAE (GILIA FAMILY) | | |
| Collomia heterophylla | Little Pink Collomia | |
| Gilia clivorum | Small-flowered Gilia | |
| Leptosiphon parviflorus | Variable Linanthus, Babystars | |
| Microsteris gracilis | Slender Phlox | |
| Navarretia intertexta ssp. intertexta | Spiny Navarretia | |
| POLYGALACEAE (MILKWORT FAMILY) | | |
| Polygala californica | Milkwort | |
| POLYGONACEAE (BUCKWHEAT FAMILY) | | |
| Chorizanthe membranacea | Grey-pink-flowered Spineflower | |
| Chorizanthe polygonoides var. polygonoides | Knotweed Spineflower | |
| Eriogonum luteolum var. luteolum | Annual Buckwheat | |
| Eriogonum nudum var. nudum | Nude Buckwheat | |
| Pterostegia drymarioides | Granny's Hairnet | |
| Rumex acetosella | Sheep Sorrel | * |
| POLYPODIACEAE (POLYPODY FERN FAMILY) | | |
| Polypodium californicum | Rock Polypody | |
| Polypodium calirhiza | Common Woodland Polypody | |
| PRIMULACEAE (PRIMROSE FAMILY) | | |
| Dodecatheon hendersonii | Shooting Star | |

| | | |
|---------------------------------------|-------------------------------------|----------|
| PTERIDACEAE (BRAKE FERN FAMILY) | | |
| Aspidotis carlotta-halliae | Carlotta Hall's Lace Fern | LIST 4.2 |
| Aspidotis densa | Serpentine Fern, Indian Dream | |
| Cheilanthes gracillima | Slender Bead-fern | |
| Cheilanthes intertexta | Coastal Lip-fern, Bead fern | |
| Pellaea andromedifolia | Coffee Fern | |
| Pellaea mucronata ssp. californica | Bird's-foot fern, Ca. Cliffbrake | |
| Pentagramma triangularis | Goldback Fern | |
| RANUNCULACEAE (BUTTERCUP FAMILY) | | |
| Clematis lasiantha | Chaparral Virgin's Bower, Pipestems | |
| Ranunculus californicus | California Buttercup | |
| RHAMNACEAE (COFFEEBERRY FAMILY) | | |
| Ceanothus cuneatus | Buckbrush | |
| Ceanothus jepsonii | Jepson's Serpentine Muskbrush | |
| Frangula californica | Coffeeberry | |
| ROSACEAE (ROSE FAMILY) | | |
| Adenostoma fasciculatum | Chamise | |
| Amelanchier utahensis | Service- berry | |
| Aphanes arvensis | Parsley Piert | |
| Fragaria vesca | Woodland Strawberry | |
| Holodiscus discolor | Ocean-spray | |
| Rosa spithamea | Chaparral Rose | |
| RUBIACEAE (MADDER FAMILY) | | |
| Galium aparine | Goosegrass Bedstraw | * |
| Galium californicum | Hairy Goosegrass | |
| Galium porrigens | Climbing Goosegrass | |
| Sherardia arvensis | Field Madder | * |
| SAXIFRAGACEAE (SAXIFRAGE FAMILY) | | |
| Micranthes californica | Ca. Saxifrage | |
| SCROPHULARIACEAE (FIGWORT FAMILY) | | |
| Scrophularia californica | Ca. Figwort, Bee-plant | |
| SELAGINELLACEAE (MOSS FERN FAMILY) | | |
| Selaginella wallacei | Wallace's Moss Fern | |
| THEMIDACEAE (BRODIAEA FAMILY) | | |
| Brodiaea elegans ssp. elegans | Harvest Brodiaea | |
| Dichelostemma capitatum | Blue-dicks, Wild Hyacinth | |
| Dichelostemma congestum | Forked-tooth Ookow(| |
| Triteleia laxa | Ithuriel's Spear | |
| VALERIANACEAE (VALERIAN FAMILY) | | |
| Plectritis congesta ssp. brachystemon | Short-spurred Seablush | |
| Plectritis ciliosa | Long-spurred Seablush | |
| VIOLACEAE (VIOLET FAMILY) | | |
| Viola purpurea ssp. quercetorum | Yellow Mountain Violet | |

Notes

- * Non-native plants or natives planted out of natural native location.
- List 1B Listed, 2001, in the C.N.P.S. Inventory of Rare & Endangered Plants, highest priority.
- List 3 Listed as plants about which more information is needed.
- List 4 Listed as plants of limited distribution.

Obviously there are omissions and errors-comments and corrections welcomed (really!).
Contact D.L. Smith, ph. 415-479-7888 or dsmith @lvha.net