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#### Recommended Citation

Smith, James P. Jr and Sawyer, John O. Jr., "Vascular Plants of the Horse Mountain Serpentine Humboldt County, California" (2017). *Botanical Studies*. 51.

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# VASCULAR PLANTS OF THE HORSE MOUNTAIN SERPENTINES HUMBOLDT COUNTY, CALIFORNIA

Compiled by  
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Second Edition • 26 May 2009

Horse Mountain (elevation 4952 ft.) is located at N 40.874, W -123.73. The closest town is Willow Creek, about 15 miles to the northeast. Access is via County Road 1 (Titlow Hill Road) off State Route 299. About 1100 acres have been set aside as the Horse Mountain Botanical Area, administered by the Six Rivers National Forest.

## LYCOPHYTES & FERNS

<i>Adiantum pedatum</i> var. <i>aleuticum</i>	Maidenhair fern
<i>Aspidotis densa</i>	Indian's dream
<i>Athyrium filix-femina</i>	Lady fern
<i>Cheilanthes gracillima</i>	Lace fern
<i>Cryptogramma achrostichoides</i>	Parsley fern
<i>Polystichum munitum</i>	Sword fern
<i>Pteridium aquilinum</i> var. <i>pubescens</i>	Bracken fern
<i>Selaginella wallacei</i>	Wallace's spike-moss

## CONIFERS

<i>Abies concolor</i>	White fir
<i>Calocedrus decurrens</i>	Incense-cedar
<i>Chamaecyparis lawsoniana</i>	Port Orford-cedar
<i>Pinus attenuata</i>	Knobcone pine
<i>Pinus jeffreyi</i>	Jeffrey pine
<i>Pinus lambertiana</i>	Sugar pine
<i>Pinus monticola</i>	Western white pine
<i>Pinus ponderosa</i>	Ponderosa pine
<i>Pseudotsuga menziesii</i>	Douglas-fir

## FLOWERING PLANTS

### ACERACEAE • MAPLE

<i>Acer glabrum</i> var. <i>torreyi</i>	Torrey's maple
<i>Acer macrophyllum</i>	Big-leaf maple

### APOCYNACEAE • DOGBANE

<i>Apocynum androsaemifolium</i>	Mountain-hemp
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### ARALIACEAE • ARALIA

<i>Aralia californica</i>	California spikenard
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### ARISTOLOCHIACEAE • DUTCHMAN'S PIPE

<i>Asarum caudatum</i>	Long-tailed wild ginger
<i>Asarum hartwegii</i>	Hartweg's wild ginger

### BERBERIDACEAE • BARBERRY

<i>Achlys triphylla</i>	Vanilla leaf
<i>Mahonia aquifolium</i>	Oregon-grape
<i>Mahonia nervosa</i>	Oregon-grape
<i>Vancouveria planipetala</i>	Inside-out flower

### BETULACEAE • BIRCH

<i>Corylus cornuta</i> var. <i>californica</i>	California hazel nut
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### BORAGINACEAE • BORAGE

<i>Cryptantha torreyana</i>	Torrey's cryptantha
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### CAMPANULACEAE • BELLFLOWER

<i>Asyneuma prenanthoides</i>	California harebell
<i>Campanula scouleri</i>	Scouler's harebell

### CAPRIFOLIACEAE • HONEYSUCKLE

<i>Symphoricarpos mollis</i>	Creeping snowberry
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### CARYOPHYLLACEAE • PINK

<i>Arenaria macrophylla</i>	Big-leaved sandwort
<i>Minuartia nuttallii</i> ssp. <i>gregaria</i>	Nuttall's sandwort
<i>Moehringia macrophylla</i>	Large-leaved sandwort
<i>Pseudostellaria jamesiana</i>	Sticky sandwort
<i>Silene californica</i>	California Indian pink
<i>Silene campanulata</i> ssp. <i>glandulosa</i>	Mountain catchfly
<i>Silene laciniata</i> ssp. <i>californica</i>	California Indian pink
<i>Stellaria nitens</i>	Shining chickweed

### COMPOSITAE (ASTERACEAE) • SUNFLOWER

<i>Achillea millefolium</i>	Yarrow
<i>Agoseris heterophylla</i> var. <i>heterophylla</i>	Annual agoseris
<i>Antennaria luzuloides</i>	Woodrush pussy-toes
<i>Antennaria suffrutescens</i>	Evergreen pusseytoes
<i>Arnica cernua</i>	Nodding arnica
<i>Arnica discoidea</i>	Rayless arnica
<i>Brickellia greenei</i>	Greene's tassel flower
<i>Chaenactis douglasii</i> var. <i>douglasii</i>	Dusty maidens
<i>Cirsium arvense</i>	Canada thistle
<i>Cirsium douglasii</i> var. <i>breweri</i>	Brewer's thistle
<i>Cirsium douglasii</i> var. <i>douglasii</i>	Swamp thistle
<i>Cirsium occidentale</i> var. <i>venustum</i>	Venus thistle
<i>Crepis acuminata</i>	Long-leaved hawk's-beard
<i>Crepis pleurocarpa</i>	Naked-stemmed hawk's-beard
<i>Ericameria nauseosa</i> var. <i>speciosa</i>	Rubber rabbit brush
<i>Eriophyllum lanatum</i> var. <i>lanceolatum</i>	Woolly-sunflower

Hemizonella minima	Miniature tarweed
Hieracium albiflorum	White-flowered hawkweed
Hieracium bolanderi	Bolander's hawkweed
Madia elegans	Common madia
Madia gracilis	Slender tarweed
Microseris laciniata ssp. leptosepala	Slender silverpuffs
Microseris nutans	Nodding silverpuffs
Symphytotrichum spathulatum	Western mountain-aster
Wyethia angustifolia	Narrow-leaved mule's-ear
Wyethia longicaulis	Humboldt County mule's-ears

**CONVOLVULACEAE • MORNING GLORY**

Calystegia occidentalis ssp. occidentalis	Morning glory
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**CORNACEAE • DOGWOOD**

Cornus nuttallii	Nuttall's dogwood
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**CRASSULACEAE • STONECROP**

Sedum laxum ssp. flavidum	Pale-yellow stonecrop
Sedum laxum ssp. heckneri	Heckner's stonecrop
Sedum obtusatum ssp. retusum	Sierra stonecrop
Sedum spathulifolium	Broad-leaved stonecrop

**CRUCIFERAE (BRASSICACEAE) • MUSTARD**

Cardamine nuttallii	Nuttall's toothwort
Erysimum capitatum	Western wallflower
Streptanthus tortuosus	Mountain jewel flower

**CYPERACEAE • SEDGE**

Carex athrostachya	Slender-beaked sedge
Carex concinnoides	Northwestern sedge
Carex echinata	Star sedge
Carex geeyeri	Elk sedge
Carex mendocinensis	Mendocino sedge
Carex multicosata	Many-ribbed sedge
Carex serratodens	Saw-toothed sedge
Carex subfusca	Rusty sedge

**ERICACEAE • HEATH**

Allotropa virgata	Sugar stick
Arbutus menziesii	Madrone
Arctostaphylos canescens sonomensis	Hoary manzanita
Arctostaphylos glandulosa ssp. g.	Eastwood's manzanita
Arctostaphylos nevadensis	Pinemat manzanita
Arctostaphylos patula	Green leaf manzanita
Chimaphila umbellata var. occidentalis	Western prince's-pine
Gaultheria ovatifolia	Oregon spicu wintergreen
Gaultheria shallon	Salal
Pityopus californica	California pinefoot
Pterospora andromedea	Pine drops
Pyrola picta	White-veined wintergreen
Rhododendron occidentale	Western azalea
Vaccinium parvifolium	Red huckleberry

**FAGACEAE • OAK OR BEECH**

Chrysolepis chrysophylla	Chinquapin
Notholithocarpus densiflorus	Tanoak
Quercus chrysolepis var. chrysolepis	Canyon live oak
Quercus chrysolepis var. nana	Dwarf canyon live oak
Quercus vaccinifolia	Huckleberry oak

**GARRYACEAE • SILK-TASSEL**

Garrya buxifolia	Dwarf silk-tassel
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Garrya elliptica	Coast silk-tassel
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**GENTIANACEAE • GENTIAN**

Gentiana calycosa	Explorer's gentian
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**GRAMINEAE (POACEAE) • GRASS**

Agrostis oregonensis	Oregon redtop
Bromus carinatus	California brome
Bromus tectorum	Downy brome
Calamagrostis koelerioides	Tufted pine grass
Calamagrostis ophitidis	Serpentine reed grass
Dactylis glomerata	Orchard grass
Danthonia unispicata	One-spiked oat grass
Elymus glaucus	Blue wild-rye
Elymus multisetus	Big squirrel-tail
Elymus x hansenii	Hansen's squirrel-tail
Festuca californica ssp. californica	California fescue
Festuca idahoensis	Idaho fescue
Festuca rubra	Red fescue
Melica geeyeri	Geyer's onion grass
Melica harfordii	Harford's melic
Phleum alpinum	Alpine timothy
Phleum pratense	Timothy
Poa pringlei	Pringle's blue grass
Polypogon sp.	Beard grass
Stipa lemmonii	Lemmon's needle grass

**GROSSULARIACEAE • GOOSEBERRY**

Ribes lobbii	Gummy gooseberry
Ribes sanguineum	Red-flowered currant
Ribes velutinum	Plateau gooseberry

**HYDRANGEACEAE • HYDRANGEA**

Philadelphus lewisii	Lewis' mock-orange
Whipplea modesta	Yerba de selva

**HYDROPHYLLACEAE • WATER-LEAF**

Hydrophyllum occidentale	Western waterleaf
Nemophila menziesii	White-flowered baby blue-eyes
Phacelia corymbosa	Serpentine phacelia
Phacelia mutabilis	Changeable phacelia

**HYPERICACEAE • ST. JOHN'S WORT**

Hypericum scouleri	Scouler's Klamath weed
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**IRIDACEAE • IRIS**

Iris macrosiphon	Slender-tubed iris
Iris purdyi	Purdy's iris
Iris tenuissima	Long-tubed iris
Sisyrinchium bellum	California blue-eyed-grass

**JUNCACEAE • RUSH**

Juncus ensifolius	Dagger-leaved rush
Luzula comosa	Wood rush

**LABIATAE (LAMIACEAE) • MINT**

Monardella odoratissima ssp. glauca	Pale monardella
Scutellaria antirrhinoides	Snapdragon skullcap
Stachys rigida	Rough hedge-nettle

**LEGUMINOSAE (FABACEAE) • LEGUME**

Lathyrus sp.	Sweet pea
Lotus crassifolius	Broad-leaved trefoil

Lotus denticulatus	Toothed trefoil
Lotus humistratus	Foothill trefoil
Lotus oblongifolius	Narrow-leaved trefoil
Lupinus albicaulis	Pine lupine
Lupinus adsurgens	Silky lupine
Trifolium longipes ssp. hansenii	Hansen's clover

**LILIACEAE • LILY**

Allium falcifolium	Scythe-leaved onion
Allium siskiyouense	Siskiyou onion
Brodiaea elegans ssp. elegans	Harvest onion
Calochortus tolmiei	Tolmie's pussy-ears
Dichelostemma capitatum ssp. capitatum	Blue dicks
Erythronium californicum	California fawn lily
Erythronium grandiflorum var. grandiflorum	Glacier lily
Fritillaria affinis	Mission bells
Fritillaria purdyi	Purdy's fritillaria
Hastingsia alba	White rush-lily
Lilium pardalinum ssp. pardalinum	Leopard lily
Lilium washingtonianum ssp. purpurascens	Shasta lily
Maianthemum racemosum	False lily-of-the-valley
Prosartes hookeri	Fairy bells
Triantha occidentalis ssp. occidentalis	Sticky false asphodel
Trillium ovatum	Pacific trillium
Triteleia laxa	Ithuriel's spear
Xerophyllum tenax	Bear-grass
Zigadenus paniculatus	Death-camas

**LIMNANTHACEAE • MEADOW-FOAM**

Limnanthes douglasii	Douglas' meadow-foam
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**MALVACEAE • MALLOW**

Sidalcea malachroides	Maple-leaved sidalcea
Sidalcea malvaeflora	Dwarf checkerbloom

**ONAGRACEAE • EVENING-PRIMROSE**

Epilobium ciliatum ssp. ciliatum	Fringed willow herb
Epilobium ciliatum ssp. glandulosum	Fringed willow herb
Epilobium minutum	Willow herb
Gayophytum diffusum ssp. parviflorum	Spreading ground smoke
Gayophytum humile	Dwarf ground smoke

**ORCHIDACEAE • ORCHID**

Platanthera sparsiflora	Rein orchid
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**POLYGALACEAE • MILKWORT**

Polygala cornuta	Sierra milkwort
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**POLYGONACEAE • KNOTWEED**

Eriogonum nudum	Naked buckwheat
Eriogonum umbellatum	
var. goodmanii	Sulphur-flowered buckwheat
var. nelsoniorum	Nelsons' buckwheat
Polygonum spergulariiforme	Spurry knotweed

**POLEMONIACEAE • PHLOX**

Collomia grandiflora	large-flowered collomia
Collomia tracyi	Tracy's collomia
Leptosiphon parviflorus	Variable-linanthus
Linanthus pungens	Granite prickly-phlox
Microsteris gracilis	Slender false phlox
Navarretia divaricata	Mountain pincushion plant

Navarretia linearifolia ssp. l.	Alva Day's pincushion plant
Phlox diffusa	Spreading phlox
Phlox douglasii	Tufted phlox

**PORTULACACEAE • PURSLANE**

Claytonia lanceolata	Western spring beauty
Claytonia perfoliata	Miner's-lettuce
Claytonia saxosa	Brandegee's spring beauty

**PRIMULACEAE • PRIMROSE**

Dodecatheon hendersonii	Henderson's shooting star
Trientalis latifolia	Broad-leaved star flower

**RANUNCULACEAE • BUTTERCUP**

Anemone quinquefolia var. minor	Five-leaved anemone
Anemone oregana var. oregana	Oregon wind flower
Aquilegia formosa	Crimson columbine
Delphinium decorum ssp. tracyi	Tracy's larkspur
Delphinium trolliifolium	Poison larkspur
Ranunculus californicus var. c.	California buttercup
Ranunculus occidentalis	Western buttercup

**RHAMNACEAE • BUCKTHORN**

Ceanothus cuneatus	Buck brush
Ceanothus integerrimus	Deer brush
Ceanothus pumilus	Siskiyou ceanothus
Ceanothus velutinus	Tobacco brush, snow bush
Frangula californica ssp. californica	California coffee bush
Frangula californica ssp. occidentalis	California coffee bush

**ROSACEAE • ROSE**

Amelanchier alnifolia var. alnifolia	Western service berry
Amelanchier alnifolia var. semiintegrifolia	Western service berry
Amelanchier utahensis var. utahensis	Utah service berry
Fragaria vesca	Wood strawberry
Holodiscus discolor	Ocean spray, cream bush
Prunus emarginata var. emarginata	Bitter cherry
Rosa gymnocarpa var. serpentina	Gasquet rose
Rosa pisocarpa ssp. pisocarpa	Cluster rose
Rosa spithamea	Coastal ground rose
Rubus parviflorus var. velutinus	Western thimble berry
Spiraea splendens var. splendens	Rosy spirea

**RUBIACEAE • MADDER**

Galium bolanderi	Bolander's bedstraw
Galium muricatum	Humboldt bedstraw

**SAXIFRAGACEAE • SAXIFRAGE**

Heuchera micrantha var. densifolia	Crevice alum root
Lithophragma parviflorum	Prairie woodland star

**SCROPHULARIACEAE • SNAPDRAGON**

Antirrhinum vexillocalyculatum var. breweri	Brewer's snapdragon
Boschniakia strobilacea	California ground cone
Castilleja pruinosa	Frosted Indian paintbrush
Collinsia grandiflora	Large-flowered blue-eyed Mary
Collinsia parviflora	Small-flowered blue-eyed Mary
Collinsia rattanii	Rattan's blue-eyed Mary
Collinsia sparsiflora var. bruceae	Spinster's blue-eyed Mary
Mimulus cardinalis	Scarlet monkey flower
Mimulus pulsiferae	Candelabrum monkey flower

Penstemon laetus ssp. sagittatus Mountain blue penstemon

**UMBELLIFERAE (APIACEAE) • UMBEL OR CARROT**

Angelica genuflexa	Kneeling angelica
Angelica tomentosa	California angelica
Lomatium tracyi	Tracy's lomatium
Lomatium utriculatum	Bladder lomatium
Osmorhiza occidentalis	Western sweet-cicely
Sanicula bipinnatifida	Purple sanicle
Sanicula graveolens	Sierra sanicle
Sanicula tuberosa	Tuberous sanicle
Yabea microcarpa	False hedge-parsley

**VIOLACEAE • VIOLET**

Viola adunca	Western dog violet
Viola cuneata	Wedge-leaved violet
Viola glabella	Smooth yellow violet
Viola hallii	Hall's violet
Viola praemorsa ssp. praemorsa	Astoria violet

**SOURCES**

Compiled initially from collections made by D. E. Anderson, B. Klipfel, T. Nelson, V. Rumble, J. O. Sawyer, J. P. Smith, and the field observations made by the California Native Plant Society North Coast Chapter vegetation sampling project.

Nomenclatural updates: 2 June 2017