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## Vascular Plants of Horse Mountain (Humboldt County, California)

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# VASCULAR PLANTS OF HORSE MOUNTAIN (HUMBOLDT COUNTY, CALIFORNIA)

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Horse Mountain (elevation 4952 ft.) is located at 40.874N, -123.73 W. 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.

## FERNS & ALLIES

<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 imbricans</i> ssp. <i>i.</i>	Narrow-leaved sword fern
<i>Polystichum munitum</i>	Western sword fern
<i>Polystichum x scopulinum</i>	Bristle or holly fern
<i>Pteridium aquilinum</i> var. <i>pubescens</i>	Bracken fern
<i>Selaginella wallacei</i>	Wallace's spike-moss

## CONIFERS

<i>Abies concolor</i> x <i>A. grandis</i>	White fir - grand fir hybrid
<i>Abies grandis</i>	Grand 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> var. <i>pacifica</i>	Ponderosa pine
<i>Pseudotsuga menziesii</i>	Douglas-fir

## FLOWERING PLANTS

### ACERACEAE • MAPLE FAMILY

<i>Acer glabrum</i> var. <i>glabrum</i>	Mountain maple
<i>Acer macrophyllum</i>	Big-leaf maple

### APOCYNACEAE • DOGBANE FAMILY

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

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

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

### BERBERIDACEAE • BARBERRY FAMILY

<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 FAMILY

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

<i>Cryptantha torreyana</i>	Torrey's cat's-eye
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### CAMPANULACEAE • BELLFLOWER FAMILY

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

### CAPRIFOLIACEAE • HONEYSUCKLE FAMILY

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

<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>	Shiny chickweed

### COMPOSITAE • SUNFLOWER FAMILY

<i>Achillea millefolium</i>	Yarrow
<i>Agoseris heterophylla</i> var. <i>heterophylla</i>	Annual agoseris
<i>Antennaria luzuloides</i>	Woodrush pussytoes
<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>	Hoary chaenactis
<i>Cirsium arvense</i>	Canada thistle
<i>Cirsium cymosum</i> var. <i>cymosum</i>	Peregrine thistle
<i>Cirsium douglasii</i> var. <i>breweri</i>	Brewer's thistle

<i>Cirsium douglasii</i> var. <i>douglasii</i>	Douglas' thistle	<i>Pyrola picta</i>	White-veined wintergreen
<i>Cirsium occidentale</i> var. <i>venustum</i>	Cobwebby thistle	<i>Rhododendron occidentale</i>	Western azalea
<i>Crepis acuminata</i>	Long-leaved hawk's-beard	<i>Vaccinium parvifolium</i>	Red huckleberry
<i>Crepis pleurocarpa</i>	Naked-stemmed hawk's-beard		
<i>Ericameria nauseosa</i> var. <i>speciosa</i>	Rubber rabbit brush	<b>FAGACEAE • OAK OR BEECH FAMILY</b>	
<i>Eriophyllum lanatum</i> var. <i>lanceolatum</i>	Woolly-sunflower	<i>Chrysolepis chrysophylla</i>	Chinquapin
<i>Hemizonella minima</i>	Opposite-leaved tarweed	<i>Notholithocarpus densiflorus</i> var. <i>densiflorus</i>	Tanoak
<i>Hieracium albiflorum</i>	White-flowered hawkweed	<i>Quercus chrysolepis</i> var. <i>chrysolepis</i>	Canyon live oak
<i>Hieracium bolanderi</i>	Bolander's hawkweed	<i>Quercus chrysolepis</i> var. <i>nana</i>	Dwarf canyon live oak
<i>Madia elegans</i>	Common madia	<i>Quercus garryana</i> var. <i>garryana</i>	Oregon white oak
<i>Madia gracilis</i>	Gumweed, slender tarweed	<i>Quercus vaccinifolia</i>	Huckleberry oak
<i>Microseris laciniata</i> ssp. <i>leptosepala</i>	Slender silverpuffs		
<i>Microseris nutans</i>	Silverpuffs	<b>GARRYACEAE • SILK-TASSEL FAMILY</b>	
<i>Symphotrichum spathulatum</i>	Western mountain-aster	<i>Garrya buxifolia</i>	Dwarf silk-tassel
<i>Wyethia angustifolia</i>	Narrow-leaved mule's-ear	<i>Garrya elliptica</i>	Coast silk-tassel
<i>Wyethia longicaulis</i>	Humboldt County mule's-ear	<i>Garrya fremontii</i>	Fremont's silk-tassel

**CONVOLVULACEAE • MORNING GLORY FAMILY**

<i>Calystegia occidentalis</i> ssp. <i>occidentalis</i>	Morning glory
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**CORNACEAE • DOGWOOD FAMILY**

<i>Cornus nuttallii</i>	Nuttall's dogwood
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**CRASSULACEAE • STONECROP FAMILY**

<i>Sedum laxum</i> ssp. <i>flavidum</i>	Pale-yellow stonecrop
<i>Sedum laxum</i> ssp. <i>heckneri</i>	Heckner's stonecrop
<i>Sedum laxum</i> ssp. <i>laxum</i>	Rose-colored stonecrop
<i>Sedum obtusatum</i>	Sierran stonecrop
<i>Sedum radiatum</i> ssp. <i>radiatum</i>	Star-fruited stonecrop
<i>Sedum spathulifolium</i>	Broad-leaved stonecrop

**CRUCIFERAE • MUSTARD FAMILY**

<i>Cardamine californica</i> var. <i>californica</i>	California toothwort
<i>Cardamine nuttallii</i>	Nuttall's toothwort
<i>Erysimum capitatum</i>	Douglas' or western wallflower
<i>Noccaea fendleri</i> var. <i>glaucum</i>	Alpine pennycress
<i>Streptanthus tortuosus</i>	Mountain jewelflower

**CYPERACEAE • SEDGE FAMILY**

<i>Carex athrostachya</i>	Slender-beaked sedge
<i>Carex concinnoides</i>	Northwestern sedge
<i>Carex echinata</i>	Star sedge
<i>Carex geyeri</i>	Elk sedge
<i>Carex mendocinensis</i>	Mendocino sedge
<i>Carex multicosata</i>	Many-ribbed sedge
<i>Carex ovalis</i>	Egg-bracted sedge
<i>Carex serratodens</i>	Two-toothed sedge
<i>Carex subfusca</i>	Rusty sedge
<i>Eriophorum crinigerum</i>	Fringed cotton-grass

**ERICACEAE • HEATH FAMILY**

<i>Allotropa virgata</i>	Sugar stick
<i>Arbutus menziesii</i>	Madrone
<i>Arctostaphylos canescens</i>	
ssp. <i>sonomensis</i>	Hoary manzanita
ssp. <i>glandulosa</i>	Eastwood's manzanita
<i>Arctostaphylos nevadensis</i> var. <i>n.</i>	Pinemat manzanita
<i>Arctostaphylos patula</i>	Green-leaved manzanita
<i>Chimaphila umbellata</i> var. <i>occidentalis</i>	Western prince's-pine
<i>Gaultheria ovatifolia</i>	Oregon spicy wintergreen
<i>Gaultheria shallon</i>	Salal
<i>Pityopus californica</i>	California pinefoot
<i>Pterospora andromedea</i>	Pinedrops

<i>Pyrola picta</i>	White-veined wintergreen
<i>Rhododendron occidentale</i>	Western azalea
<i>Vaccinium parvifolium</i>	Red huckleberry

**FAGACEAE • OAK OR BEECH FAMILY**

<i>Chrysolepis chrysophylla</i>	Chinquapin
<i>Notholithocarpus densiflorus</i> var. <i>densiflorus</i>	Tanoak
<i>Quercus chrysolepis</i> var. <i>chrysolepis</i>	Canyon live oak
<i>Quercus chrysolepis</i> var. <i>nana</i>	Dwarf canyon live oak
<i>Quercus garryana</i> var. <i>garryana</i>	Oregon white oak
<i>Quercus vaccinifolia</i>	Huckleberry oak

**GARRYACEAE • SILK-TASSEL FAMILY**

<i>Garrya buxifolia</i>	Dwarf silk-tassel
<i>Garrya elliptica</i>	Coast silk-tassel
<i>Garrya fremontii</i>	Fremont's silk-tassel

**GENTIANACEAE • GENTIAN FAMILY**

<i>Gentiana calycosa</i>	Explorer's gentian
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**GRAMINEAE • GRASS FAMILY**

<i>Agrostis oregonensis</i>	Oregon redtop
<i>Bromus carinatus</i>	California brome
<i>Bromus tectorum</i>	Downy brome, cheat grass
<i>Calamagrostis koelerioides</i>	Tufted pine grass
<i>Calamagrostis ophitidis</i>	Serpentine reed grass
<i>Dactylis glomerata</i>	Orchard grass
<i>Danthonia unispicata</i>	One-spike oat grass
<i>Deschampsia elongata</i>	Slender hair grass
<i>Elymus glaucus</i>	Blue wild-rye
<i>Elymus x hansenii</i>	Hansen's squirreltail
<i>Elymus lanceolatus</i> ssp. <i>lanceolatus</i>	Thick-spiked wild-rye
<i>Elymus multisetus</i>	Squirreltail
<i>Festuca californica</i> ssp. <i>californica</i>	California fescue
<i>Festuca idahoensis</i>	Idaho fescue
<i>Festuca rubra</i>	Red fescue
<i>Melica geyeri</i>	Geyer's onion grass
<i>Melica harfordii</i>	Harford's melic
<i>Phleum alpinum</i>	Alpine timothy
<i>Phleum pratense</i>	Timothy
<i>Poa pringlei</i>	Pringle's blue grass
<i>Stipa lemmonii</i>	Lemmon's needle grass

**GROSSULARIACEAE • GOOSEBERRY FAMILY**

<i>Ribes lobbii</i>	Gummy gooseberry
<i>Ribes sanguineum</i> var. <i>sanguineum</i>	Red-flowered currant
<i>Ribes velutinum</i>	Plateau gooseberry

**HYDRANGEACEAE • HYDRANGEA FAMILY**

<i>Philadelphus lewisii</i>	Mock orange
<i>Whipplea modesta</i>	Yerba de selva, modesty

**HYDROPHYLLACEAE • WATER-LEAF FAMILY**

<i>Hydrophyllum occidentale</i>	California waterleaf
<i>Nemophila menziesii</i>	Baby blue-eyes
<i>Phacelia corymbosa</i>	Serpentine phacelia
<i>Phacelia mutabilis</i>	Changeable phacelia

**HYPERICACEAE • ST. JOHN'S WORT FAMILY**

<i>Hypericum scouleri</i> ssp. <i>scouleri</i>	Scouler's Klamath weed
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**IRIDACEAE • IRIS FAMILY**

<i>Iris macrosiphon</i>	Slender-tubed iris
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Iris purdyi	Purdy's iris	<b>ORCHIDACEAE • ORCHID FAMILY</b>	
Iris tenuissima ssp. tenuissima	Long-tubed iris	Cypripedium californicum	California lady's-slipper
Sisyrinchium bellum	California blue-eyed-grass	Listera convallarioides	Broad-lipped twayblade
		Piperia elegans	Elegant piperia
<b>JUNCACEAE • RUSH FAMILY</b>		Piperia unalascensis	Alaska piperia
Juncus ensifolius	Dagger-leaved rush	Platanthera sparsiflora	Rein orchid
Luzula comosa var. comosa	Wood rush		
		<b>POLEMONIACEAE • PHLOX FAMILY</b>	
<b>LABIATAE • MINT FAMILY</b>		Collomia grandiflora	Large-flowered collomia
Monardella glauca	Mountain mine	Collomia tracyi	Tracy's collomia
Monardella odoratissima	Coyote mint	Leptosiphon parviflorus	Variable-linanthus
Scutellaria antirrhinoides	Snapdragon skullcap	Linanthus pungens	Granite prickly-phlox
Stachys ajugoides var. rigida	Bugle hedge-nettle	Microsteris gracilis	Slender false phlox
		Navarretia divaricata	Mountain pincushion plant
<b>LEGUMINOSAE • LEGUME FAMILY</b>		Navarretia sinistra ssp. sinistra	Alva Day's pincushion plant
Lotus crassifolius	Broad-leaved trefoil	Phlox diffusa	Spreading phlox
Lotus humistratus	Foothill trefoil	Phlox rigida	Stiff phlox
Lotus oblongifolius	Narrow-leaved trefoil		
Lupinus adsurgens	Drew's silky lupine	<b>POLYGALACEAE • MILKWORT FAMILY</b>	
Lupinus albicaulis	Pine lupine	Polygala cornuta var. cornuta	Sierra milkwort
Lupinus latifolius var. latifolius	Broad-leaved lupine		
Trifolium longipes ssp. hansenii	Hansen's clover	<b>POLYGONACEAE • KNOTWEED FAMILY</b>	
Trifolium longipes ssp. shastense	Shasta clover	Eriogonum nudum	Naked buckwheat
		Eriogonum umbellatum	
<b>LILIACEAE • LILY FAMILY</b>		var. goodmanii	Sulphur-flowered buckwheat
Allium falcifolium	Scythe-leaved onion	var. nelsoniorum	Nelsons' buckwheat
Allium siskiyouense	Siskiyou onion	Polygonum spergulariiforme	Fall knot weed
Brodiaea elegans ssp. elegans	Harvest brodiaea		
Calochortus tolmiei	Tolmie's pussy-ears	<b>PORTULACACEAE • PURSLANE FAMILY</b>	
Dichelostemma capitatum ssp. capitatum	Blue dicks	Claytonia lanceolata	Western spring beauty
Erythronium citrinum	Cream fawn-lily	Claytonia perfoliata	Miner's-lettuce
Erythronium californicum	California fawn lily	Claytonia saxosa	Brandegee's spring beauty
Erythronium grandiflorum var. grandiflorum	Glacier lily		
Fritillaria affinis	Mission bells, checker lily	<b>PRIMULACEAE • PRIMROSE FAMILY</b>	
Fritillaria purdyi	Purdy's fritillary	Dodecatheon hendersonii	Henderson's shooting star
Hastingsia alba	white rush-lily	Trientalis latifolia	Broad-leaved star flower
Hastingsia serpentinicola	Serpentine rush-lily		
Lilium pardalinum ssp. pardalinum	Leopard or tiger lily	<b>RANUNCULACEAE • BUTTERCUP FAMILY</b>	
Lilium pardalinum ssp. vollmeri	Vollmer's lily	Anemone quinquefolia var. minor	Five-leaved anemone
Lilium washingtonianum ssp. purpurascens	Cascade lily	Anemone oregana var. oregana	Oregon windflower
Maianthemum racemosum	False lily-of-the-valley	Aquilegia formosa	Crimson columbine
Prosartes hookeri	Fairy bells	Delphinium decorum ssp. tracyi	Tracy's larkspur
Triantha occidentalis ssp. occidentalis	Sticky false asphodel	Delphinium trolliifolium	Poison larkspur
Trillium ovatum	Pacific trillium	Ranunculus californicus var. c.	California buttercup
Triteleia laxa	Ithuriel's spear	Ranunculus occidentalis	Western buttercup
Xerophyllum tenax	Bear-grass		
Zigadenus micranthus	Small-flowered death-camas	<b>RHAMNACEAE • BUCKTHORN FAMILY</b>	
		Ceanothus cuneatus var. cuneatus	Buck brush
<b>LIMNANTHACEAE • MEADOW-FOAM FAMILY</b>		Ceanothus integerrimus	Deer brush
Limnanthes douglasii	Douglas' meadow-foam	Ceanothus pumilus	Siskiyou ceanothus
		Ceanothus velutinus	Tobacco brush, snow bush
<b>MALVACEAE • MALLOW FAMILY</b>		Frangula californica ssp. californica	California coffee bush
Sidalcea malachroides	Maple-leaved sidalcea	Frangula californica ssp. occidentalis	California coffee bush
Sidalcea malvaeflora ssp. asprella	Dwarf checker-mallow		
		<b>ROSACEAE • ROSE FAMILY</b>	
<b>ONAGRACEAE • EVENING-PRIMROSE FAMILY</b>		Amelanchier alnifolia	
Epilobium ciliatum ssp. ciliatum	Fringed willow herb	var. semiintegrifolia	Western service berry
Epilobium ciliatum ssp. glandulosum	Fringed willow herb	Amelanchier utahensis	Utah service berry
Epilobium minutum	Minute willow herb	Fragaria vesca	Wood strawberry
Gayophytum diffusum		Holodiscus discolor	Ocean spray, cream bush
ssp. parviflorum	Spreading ground smoke	Prunus emarginata var. emarginata	Bitter cherry
Gayophytum humile	Dwarf ground smoke	Rosa gymnocarpa var. serpentina	Wood rose
		Rosa pisocarpa ssp. pisocarpa	Cluster rose

Rosa spithamea var. spithamea	Ground rose	Humboldt State University Herbarium
Rubus parviflorus var. velutinus	Western thimble berry	
Spiraea douglasii	Rosy spirea	Consortium of California Herbaria

**RUBIACEAE • MADDER FAMILY**

Galium bolanderi	Bolander's bedstraw
Galium muricatum	Humboldt bedstraw

Scott, C. W. 2010. Floristic affinities of Horse Mountain, Grouse Mountain, Board Camp Mountain and surrounding areas, Humboldt County, California. M. A. thesis. Humboldt State Univ. Arcata, CA. 125 pp.

**SAXIFRAGACEAE • SAXIFRAGE FAMILY**

Heuchera micrantha	Small-flowered alum root
Lithophragma parviflorum	Prairie woodland star

**SCROPHULARIACEAE • SNAPDRAGON FAMILY**

Antirrhinum breweri	Brewer's snapdragon
Boschniakia strobilacea	California ground cone
Castilleja pruinosa	Frosted Indian paintbrush
Collinsia grandiflora	Large-flowered blue-eyed Mary
Collinsia linearis	Chinese houses
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
Orobanche fasciculata	Clustered broomrape
Penstemon laetus ssp. sagittatus	Mountain blue penstemon

**UMBELLIFERAE (APIACEAE) • UMBEL FAMILY**

Angelica genuflexa	Kneeling angelica
Angelica tomentosa	California or wood angelica
Lomatium dasycarpum ssp. d.	Woolly-fruited lace-parsnip
Lomatium tracyi	Tracy's lomatium
Lomatium utriculatum	Common lomatium or spring gold
Osmorhiza occidentalis	Western sweet-cicely
Sanicula bipinnatifida	Purple sanicle
Sanicula graveolens	Sierra sanicle
Sanicula tuberosa	Tuberous sanicle
Yabea microcarpa	False hedge-parsley

**VALERIANACEAE • VALERIAN FAMILY**

Valeriana californica	California valerian
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**VIOLACEAE • VIOLET FAMILY**

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

**VISCAEAE • MISTLETOE FAMILY**

Arceuthobium campylopodum	Western dwarf mistletoe
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**SOURCES**

This checklist was 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's North Coast Chapter vegetation sampling project.