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VASCULAR PLANTS OF THE HORSE MOUNTAIN SERPENTINES HUMBOLDT COUNTY, CALIFORNIA

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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
 Symphyotrichum 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

CORNACEAE • DOGWOOD

Cornus nuttallii Nuttall's dogwood

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 geoyeri 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

Garrya elliptica Coast silk-tassel

GENTIANACEAE • GENTIAN

Gentiana calycosa Explorer's gentian

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 geoyeri 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

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
 Tritoleia laxa Ithuriel's spear
 Xerophyllum tenax Bear-grass
 Zigadenus paniculatus Death-camas

LIMNANTHACEAE • MEADOW-FOAM

Limnanthes douglasii Douglas' meadow-foam

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

POLYGALACEAE • MILKWORT

Polygala cornuta Sierra milkwort

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