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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
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
 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