

2017

# The Vascular Plants of Preston Peak, Siskiyou County, California

James P. Smith Jr.  
*Humboldt State University*

Follow this and additional works at: [http://digitalcommons.humboldt.edu/botany\\_jps](http://digitalcommons.humboldt.edu/botany_jps)



Part of the [Botany Commons](#)

---

## Recommended Citation

Smith, James P. Jr., "The Vascular Plants of Preston Peak, Siskiyou County, California" (2017). *Botanical Studies*. 55.  
[http://digitalcommons.humboldt.edu/botany\\_jps/55](http://digitalcommons.humboldt.edu/botany_jps/55)

This Flora of Northwest California: Checklists of Local Sites of Botanical Interest is brought to you for free and open access by the Open Educational Resources and Data at Digital Commons @ Humboldt State University. It has been accepted for inclusion in Botanical Studies by an authorized administrator of Digital Commons @ Humboldt State University. For more information, please contact [cyril.oberlander@humboldt.edu](mailto:cyril.oberlander@humboldt.edu).

# THE VASCULAR PLANTS OF PRESTON PEAK, SISKIYOU COUNTY, CALIFORNIA

James P. Smith, Jr.  
Professor Emeritus of Botany  
Department of Biological Sciences  
Humboldt State University  
Arcata, California

6 April 2017

Preston Peak is located about 12.5 miles west-northwest of the town of Happy Camp. At 7313 ft., it is an imposing feature of the Siskiyou Wilderness. The peak itself and surrounding watershed have been designated by the U. S. Forest Service as the "Preston Peak Botanical and Geological Area." It contains a diverse flora and is especially rich in conifer species.

## FERNS

### Dryopteridaceae

*Polystichum lemmonii*  
*Polystichum lonchitis*

### Pteridaceae

*Adiantum aleuticum*  
*Aspidotis densa*  
*Cheilanthes gracillima*  
*Cryptogramma acrostichoides*

## CONIFERS

### Cupressaceae

*Callitropsis nootkatensis*  
*Calocedrus decurrens*  
*Chamaecyparis lawsoniana*  
*Chamaecyparis nootkatensis*

### Pinaceae

*Abies magnifica*  
*Abies x shastensis*  
*Picea breweriana*  
*Pinus jeffreyi*  
*Pinus lambertiana*  
*Pinus monticola*  
*Tsuga mertensiana*

### Taxaceae

*Taxus brevifolia*

## FLOWERING PLANTS

### Aceraceae

*Acer glabrum* var. *glabrum*

### Berberidaceae

*Mahonia repens*

### Betulaceae

*Alnus viridis* ssp. *sinuata*

### Caprifoliaceae

*Linnaea borealis* ssp. *longiflora*

### Caryophyllaceae

*Eremogone congesta* var. *congesta*  
*Minuartia nuttallii* ssp. *gregaria*  
*Minuartia nuttallii* var. *gregaria*  
*Minuartia nuttallii*  
*Silene grayi*

### Celastraceae

*Parnassia fimbriata*  
*Parnassia palustris*

### Compositae (Asteraceae)

*Achillea millefolium*  
*Anaphalis margaritacea*  
*Antennaria microphylla*  
*Antennaria racemosa*  
*Arnica amplexicaulis*  
*Arnica cernua*  
*Arnica cordifolia*  
*Arnica discoidea*  
*Arnica lanceolata* ssp. *prima*  
*Arnica viscosa*  
*Crepis pleurocarpa*  
*Ericameria nauseosa* var. *speciosa*  
*Erigeron cervinus*  
*Erigeron foliosus* var. *confinis*  
*Hazardia whitneyi* var. *discoidea*  
*Helenium bigelovii*  
*Hieracium bolanderi*  
*Hieracium greenei*

Hieracium horridum  
Hieracium triste  
Oreostemma alpigenum var. andersonii  
Senecio triangularis  
Solidago multiradiata  
Symphyotrichum spathulatum

#### **Convolvulaceae**

Cuscuta occidentalis  
Cuscuta suksdorfii var. subpedicellata

#### **Cornaceae**

Cornus nuttallii  
Cornus sericea

#### **Crassulaceae**

Sedum obtusatum ssp. retusum  
Sedum oregonense

#### **Cruciferae (Brassicaceae)**

Arabis macdonaldiana  
Arabis platysperma var. howellii  
Arabis serpentinicola  
Boechera koehleri  
Draba carnosula  
Draba howellii  
Erysimum capitatum  
Noccaea fendleri ssp. glauca  
Streptanthus tortuosus var. tortuosus  
Thlaspi montanum var. montanum

#### **Cyperaceae**

Carex bolanderi  
Carex mertensii  
Carex microptera  
Carex multicaulis  
Carex multicosata  
Carex preslii  
Carex rossii  
Carex scopulorum var. bracteosa  
Carex spectabilis

#### **Ericaceae**

Arctostaphylos nevadensis  
Arctostaphylos patula  
Cassiope mertensiana  
Cassiope mertensiana ssp. ciliolata  
Chimaphila umbellata  
Gaultheria ovatifolia  
Kalmia polifolia  
Orthilia secunda  
Pterospora andromedea  
Pyrola dentata  
Pyrola picta  
Sarcodes sanguinea  
Vaccinium cespitosum  
Vaccinium membranaceum  
Vaccinium parvifolium

#### **Fagaceae**

Quercus vacciniifolia  
Quercus sadleriana

#### **Gentianaceae**

Gentiana calycosa

#### **Gramineae (Poaceae)**

Calamagrostis canadensis  
Calamagrostis koelerioides  
Cinna latifolia  
Danthonia californica  
Deschampsia elongata  
Elymus elymoides var. elymoides  
Elymus elymoides ssp. elymoides  
Elymus glaucus ssp. glaucus  
Melica geeyeri  
Muhlenbergia filiformis  
Poa pratensis

#### **Grossulariaceae**

Ribes roezlii var. cruentum  
Ribes sanguineum var. sanguineum

#### **Hydrophyllaceae**

Phacelia corymbosa  
Phacelia leonis

#### **Juncaceae**

Juncus parryi  
Juncus ensifolius

#### **Labiatae (Lamiaceae)**

Monardella odoratissima ssp. pallida  
Stachys ajugoides var. rigida

#### **Lauraceae**

Umbellularia californica

#### **Leguminosae (Fabaceae)**

Lotus oblongifolius var. oblongifolius  
Lotus oblongifolius var. nevadensis  
Trifolium howellii  
Trifolium longipes

#### **Liliaceae**

Allium validum  
Allium falcifolium  
Ailium pardalinum ssp. vollmeri  
Fritillaria glauca  
Lilium washingtonianum ssp. purpurascens  
Stenanthium occidentale  
Streptopus amplexifolius  
Triteleia crocea  
Veratrum californicum var. californicum  
Xerophyllum tenax

#### **Nymphaeaceae**

Nuphar polysepala

**Onagraceae**

Chamerion angustifolium ssp. circumvagum  
 Chamerion latifolium  
 Epilobium ciliatum ssp. glandulosum  
 Epilobium hallianum  
 Epilobium siskiyouense

**Orchidaceae**

Cypripedium californicum  
 Goodyera oblongifolia  
 Platanthera dilatata var. leucostachys  
 Platanthera sparsiflora  
 Platanthera stricta  
 Spiranthes romanzoffiana

**Polemoniaceae**

Collomia tinctoria  
 Gilia capillaris  
 Gilia capitata ssp. capitata  
 Navarretia linearifolia ssp. linearifolia

**Polygonaceae**

Eriogonum compositum var. compositum  
 Eriogonum hirtellum  
 Eriogonum nudum var. nudum  
 Eriogonum ternatum  
 Eriogonum umbellatum  
 Eriogonum umbellatum var. argus  
 Polygonum alpinum †  
 Polygonum bistortoides  
 Polygonum minimum

**Portulacaceae**

Cistanthe umbellata  
 Lewisia cotyledon var. cotyledon  
 Lewisia leeana  
 Montia parvifolia

**Primulaceae**

Dodecatheon jeffreyi

**Ranunculaceae**

Aquilegia formosa  
 Anemone occidentalis  
 Caltha leptosepala

**Rhamnaceae**

Ceanothus cuneatus  
 Ceanothus velutinus var. velutinus  
 Frangula californica ssp. occidentalis

**Rosaceae**

Amelanchier alnifolia  
 Amelanchier utahensis  
 Drymocallis rhomboidea  
 Holodiscus discolor var. discolor  
 Luetkea pectinata  
 Physocarpus capitatus  
 Prunus emarginata  
 Rosa gymnocarpa var. serpentina

Rubus leucodermis  
 Rubus parviflorus  
 Rubus ursinus  
 Sorbus californica  
 Spiraea splendens

**Rubiaceae**

Galium aparine  
 Galium glabrescens ssp. glabrescens

**Sambucaceae**

Sambucus nigra ssp. caerulea

**Sarraceniaceae**

Darlingtonia californica

**Saxifragaceae**

Boykinia major  
 Heuchera merriamii  
 Saxifraga ferruginea  
 Saxifraga howellii  
 Saxifragopsis fragarioides

**Scrophulariaceae**

Castilleja applegatei  
 Castilleja arachnoidea  
 Castilleja miniata  
 Castilleja schizotricha  
 Pedicularis howellii  
 Penstemon anguineus  
 Penstemon davidsonii  
 Penstemon deustus  
 Penstemon deustus var. deustus  
 Penstemon newberryi var. berryi  
 Penstemon parvulus  
 Penstemon rupicola

**Umbelliferae (Apiaceae)**

Angelica tomentosa  
 Lomatium macrocarpum

<b>SOURCES</b>
----------------

Clark, E. D. 1977. A floristic and ecological survey of the Preston Peak and Devil's Punch Bowl Area [,] Siskiyou County, California. U. S. Forest Service Contract 39-3750.

Consortium of California Herbaria: accessed 26 March 2017 [my primary source]

Humboldt State University Herbarium

U. S. Forest Service. Botanical areas. Klamath National Forest. Salmon/Scott River Ranger District.