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# The Vascular Plants of Cook and Green Pass, Siskiyou County, California

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# THE VASCULAR PLANTS OF COOK AND GREEN PASS, SISKIYOU COUNTY, CALIFORNIA

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Cook and Green Pass is located near the Oregon border in Siskiyou County (41.942 N, 123.146 W; USGS Kangaroo Mountain Quadrangle). The pass itself is at 4816 feet. Seiad Valley is the probably the closest community. The Klamath National Forest has designated about 700 acres of the region as the Cook and Green Botanical Area in recognition of its floristic richness. Here we find "... the largest single aggregation of native plant species known to occur in one limited area in California" (Roof 1975).

## LYCOPHYTES & FERNS

**Denstaedtiaceae**  
*Pteridium aquilinum*

**Dryopteridaceae**  
*Cystopteris fragilis*  
*Polystichum imbricans* ssp. *imbricans*  
*Polystichum lemmonii*  
*Polystichum scopulinum*  
*Polystichum lonchitis*  
*Polystichum munitum* var. *imbricans*

**Equisetaceae**  
*Equisetum hyemale*

**Isoëtaceae**  
*Isoëtes echinospora*  
*Isoëtes occidentalis*

**Pteridaceae**  
*Adiantum pedatum* var. *aleuticum*  
*Aspidotis densa*  
*Cheilanthes gracillima*  
*Pellaea mucronata*

## CONIFERS

**Cupressaceae**  
*Calocedrus decurrens*  
*Cupressus bakeri*  
*Juniperus communis* var. *jackii*

**Pinaceae**  
*Abies amabilis*  
*Abies concolor*

*Abies procera*  
*Abies concolor*  
*Picea breweriana*  
*Pinus attenuata*  
*Pinus lambertiana*  
*Pseudotsuga menziesii*

## FLOWERING PLANTS

**Aceraceae**  
*Acer macrophyllum*  
*Acer glabrum* var. *torreyi*

**Apocynaceae**  
*Apocynum androsaemifolium*

**Aristolochiaceae**  
*Asarum caudatum*

**Berberidaceae**  
*Mahonia aquifolia*  
*Mahonia nervosa*  
*Vancouveria chrysantha*  
*Vancouveria hexandra*

**Betulaceae**  
*Alnus rhombifolia*  
*Alnus tenuifolia*  
*Alnus viridis* var. *sinuata*  
*Corylus californica*  
*Corylus cornuta*

**Boraginaceae**  
*Hackelia micrantha*

**Campanulaceae**  
*Asyneuma prenanthoides*

**Caprifoliaceae**  
*Linnaea borealis* var. *longiflora*  
*Lonicera ciliosa*  
*Sambucus mexicana*  
*Symphoricarpos mollis*

**Caryophyllaceae**  
*Arenaria congesta* var. *crassula*  
*Arenaria congesta* var. *suffrutescens*  
*Cerastium fontanum* ssp. *vulgare*

Eremogone congesta  
Eremogone congesta var. suffrutescens  
Minuartia nuttallii ssp. gracilis  
Minuartia nuttallii ssp. gregaria  
Moehringia macrophylla  
Scleranthus annuus  
Silene campanulata ssp. glandulosa  
Silene campanulata ssp. greenei  
Silene grayi

#### **Celastraceae**

Paxistima myrsinites

#### **Compositae (Asteraceae)**

Adenocaulon bicolor  
Agoseris heterophylla  
Antennaria howellii ssp. howellii  
Antennaria racemosa  
Antennaria rosea ssp. rosea  
Antennaria rosea  
Arnica cernua  
Arnica latifolia  
Balsamorhiza deltoidea  
Crepis pleurocarpa  
Heterotheca villosa var. minor  
Erigeron inornatus var. inornatus  
Erigeron klamathensis  
Erigeron petrophilus var. petrophilus  
Erigeron petrophilus var. viscidulus  
Eriophyllum lanatum var. integrifolium  
Eriophyllum lanatum var. lanceolatum  
Hazardia whitneyi var. discoidea  
Helenium bigelovii  
Hieracium horridum  
Hieracium nudicaule  
Pseudognaphalium thermale  
Senecio integerrimus var. major  
Solidago elongata  
Taraxacum erythrospermum

#### **Convolvulaceae**

Cuscuta cephalanthi

#### **Cornaceae**

Cornus nuttallii  
Cornus sericea ssp. sericea  
Cornus stolonifera

#### **Crassulaceae**

Sedum obtusatum ssp. boreale  
Sedum lanceolatum  
Sedum obtusatum  
Sedum purdyi  
Sedum spathulifolium  
Sedum stenopetalum

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

Arabis oregana  
Streptanthus tortuosus

#### **Cyperaceae**

Carex aurea  
Carex fracta  
Carex gigas  
Carex lenticularis var. impressa  
Carex luzulina var. ablata  
Carex multicaulis  
Carex straminiformis

#### **Ericaceae**

Arctostaphylos nevadensis  
Arctostaphylos patula  
Arctostaphylos viscida  
Chimaphila menziesii  
Chimaphila umbellata  
Gaultheria aff. humifusa  
Gaultheria ovatifolia  
Hemitomes congestum  
Monotropa hypopithys  
Orthilia secunda  
Pleuricospora fimbriolata  
Pyrola picta var. picta  
Pyrola picta ssp. dentata  
Rhododendron macrophyllum  
Vaccinium arbuscula  
Vaccinium membranaceum  
Vaccinium scoparium

#### **Fagaceae**

Chrysolepis chrysophylla  
Quercus breweri  
Quercus breweri x Q. sadleriana  
Quercus chrysolepis var. nana  
Quercus garryana var. breweri  
Quercus kelloggii  
Quercus sadleriana  
Quercus vacciniifolia

#### **Garryaceae**

Garrya buxifolia  
Garrya fremontii

#### **Gentianaceae**

Gentiana calycosa

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

Agrostis capillaris  
Agrostis idahoensis  
Agrostis pallens  
Aira caryophyllea  
Agrostis diegoensis  
Bromus carinatus var. carinatus  
Calamagrostis koelerioides  
Calamagrostis rubescens  
Danthonia intermedia  
Danthonia unispicata  
Danthonia unispicata  
Deschampsia caespitosa ssp. caespitosa  
Deschampsia caespitosa ssp. holciformis  
Deschampsia elongata  
Elymus elymoides  
Festuca californica var. californica  
Festuca idahoensis  
Festuca roemerii var. klamathensis  
Festuca rubra  
Festuca subulata  
Festuca idahoensis  
Glyceria elata  
Melica bulbosa  
Melica harfordii  
Melica subulata  
Poa aff. ampla  
Poa pringlei  
Poa rhizomata  
Poa secunda ssp. secunda  
Stipa columbiana  
Stipa nelsonii ssp. dorei  
Stipa occidentalis

**Grossulariaceae**

Ribes lacustre  
 Ribes roezlii var. cruentum  
 Ribes sanguineum  
 Ribes viscosissimum  
 Ribes sanguineum  
 Ribes viscosissimum var. hallii

**Hydrangeaceae**

Philadelphus lewisii  
 Whipplea modesta

**Hydrophyllaceae**

Hydrophyllum occidentale  
 Nemophila parviflora var. austiniae  
 Phacelia mutabilis

**Juncaceae**

Juncus ensifolius  
 Juncus mexicanus  
 Juncus orthophyllum  
 Juncus tenuis  
 Luzula comosa

**Labiatae (Lamiaceae)**

Agastache urticifolia  
 Monardella glauca  
 Monardella odoratissima ssp. glauca  
 Prunella vulgaris var. lanceolata  
 Stachys ajugoides var. rigida  
 Stachys palustris ssp. pilosa

**Leguminosae (Fabaceae)**

Acmispon micranthus  
 Lathyrus tracyi  
 Lotus oblongifolius var. oblongifolius  
 Lupinus andersonii  
 Lupinus lapidicola  
 Lupinus lepidus var. sellulus  
 Lupinus sellulus var. artulus  
 Lupinus breweri  
 Trifolium eriocephalum  
 Trifolium howellii  
 Trifolium longipes var. shastense  
 Trifolium pratense

**Liliaceae (in the traditional, broad sense)**

Allium campanulatum  
 Allium siskiyouense  
 Calochortus tolmiei  
 Clintonia uniflora  
 Dichelostemma capitatum ssp. capitatum  
 Hastingsia serpentinicola  
 Lilium pardalinum ssp. pardalinum  
 Lilium pardalinum ssp. wigginsii  
 Lilium washingtonianum  
 Lilium washingtonianum var. purpurascens  
 Maianthemum racemosum ssp. amplexicaule  
 Prosartes hookeri  
 Stenanthium occidentale  
 Streptopus amplexicaulis  
 Triantha occidentalis ssp. occidentalis  
 Trillium ovatum  
 Triteleia crocea  
 Triteleia ixioides  
 Trillium rivale  
 Veratrum californicum  
 Xerophyllum tenax

**Malvaceae**

Sidalcea asprella  
 Sidalcea glaucescens  
 Sidalcea oregana ssp. oregana

**Nymphaeaceae**

Nuphar polysepala

**Onagraceae**

Clarkia rhomboidea  
 Gayophytum diffusum ssp. parviflorum

**Orchidaceae**

Calypto bulbosa  
 Cephalanthera austiniae  
 Corallorhiza maculata  
 Corallorhiza mertensiana  
 Corallorhiza striata  
 Cypripedium californicum  
 Cypripedium fasciculatum  
 Goodyera oblongifolia  
 Habenaria dilatata  
 Habenaria sparsiflora  
 Piperia unalascensis  
 Platanthera dilatata var. leucostachys

**Papaveraceae**

Dicentra formosa

**Parnassiaceae**

Parnassia californica

**Polemoniaceae**

Collomia heterophylla  
 Phlox adsurgens  
 Phlox hoodii ssp. canescens  
 Gilia capitata ssp. capitata  
 Linanthus bolanderi  
 Navarretia capillaris  
 Phlox diffusa  
 Gilia capitata  
 Phlox adsurgens  
 Phacelia heterophylla

**Polygonaceae**

Eriogonum compositum  
 Eriogonum elatum var. elatum  
 Eriogonum nudum var. nudum  
 Eriogonum nudum var. pubiflorum  
 Eriogonum ternatum  
 Eriogonum umbellatum var. argus  
 Polygonum douglasii ssp. douglasii  
 Rumex acetosella

**Portulacaceae**

Claytonia sibirica  
 Lewisia cotyledon var. howellii  
 Lewisia leana  
 Lewisia triphylla  
 Lewisia cotyledon

**Primulaceae**

Dodecatheon hendersonii  
 Trientalis latifolia

**Ranunculaceae**

Aconitum columbianum var. howellii  
 Actaea rubra  
 Anemone deltoidea

Anemone drummondii  
Anemone oregana  
Aquilegia formosa  
Delphinium decorum ssp. tracyi  
Delphinium depauperatum

#### **Rhamnaceae**

Ceanothus cuneatus  
Ceanothus integerrimus  
Ceanothus prostratus  
Ceanothus velutinus var. hookeri  
Frangula californica var. occidentalis  
Frangula purshiana var. purshiana

#### **Rosaceae**

Amelanchier florida  
Amelanchier pallida  
Aruncus dioicus var. pubescens  
Aruncus sylvester  
Aruncus vulgaris  
Cercocarpus montanus var. glaber  
Cercocarpus montanus var. macrourus  
Drymocallis glandulosa  
Drymocallis rhomboidea  
Holodiscus boursieri  
Holodiscus discolor var. delnortensis  
Physocarpus capitatus  
Potentilla drummondii  
Potentilla drummondii ssp. breweri  
Prunus emarginata  
Prunus virginiana var. demissa  
Rosa gymnocarpa  
Rosa pisocarpa  
Rosa pisocarpa ssp. pisocarpa  
Rubus lasiococcus  
Rubus ursinus  
Sorbus cascadenis  
Sorbus scopulina  
Spiraea splendens

#### **Rubiaceae**

Galium aparine  
Galium glabrescens  
Galium triflorum  
Kelloggia galioides

#### **Salicaceae**

Populus trichocarpa

#### **Sarraceniaceae**

Darlingtonia californica

#### **Saxifragaceae**

Boykinia major  
Heuchera micrantha var. erubescens  
Heuchera parishii  
Lithophragma affine  
Lithophragma heterophyllum  
Saxifraga integrifolia  
Tiarella uniflora  
Tolmiea menziesii

#### **Scrophulariaceae (in the broad sense)**

Boschniakia strobilacea  
Castilleja pruinosa  
Castilleja schizotricha  
Collinsia linearis  
Collinsia parviflora  
Collinsia rattanii

Mimulus primuloides ssp. linearifolius  
Nothochelone nemorosa  
Orthocarpus cuspidatus ssp. copelandii  
Orthocarpus cuspidatus ssp. cuspidatus  
Pedicularis howellii  
Pedicularis racemosa  
Penstemon anguineus  
Penstemon applegatei  
Penstemon azureus var. azureus  
Penstemon deustus  
Penstemon heterophyllum  
Penstemon laetus var. sagittatus  
Penstemon newberryi var. berryi  
Penstemon parvulus  
Penstemon rupicola  
Synthyris reniformis

#### **Solanaceae**

Solanum parishii

#### **Umbelliferae (Apiaceae)**

Ligusticum californicum  
Lomatium nudicaule  
Sanicula graveolens

### **SOURCES**

Consortium of California Herbaria

Roof, J. B. 1975. Floral watch on Siskiyou County's Cook and Green Pass. *The Four Seasons* 5(1): 16-23.

Humboldt State University Herbarium

CNPS Field Trip to Cook & Green Pass, 2 July 1978

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