

A Checklist of Flora for the Trail to Pepper Peak (5450 ft)

Pepper Peak is 4.2 miles and 4,524 feet of elevation gain on the Twin Peaks Trail from the parking lot at Eklutna Lake. It is an established route with a few spots of loose rock near the summit, rated somewhat difficult. Botanically, it is just high enough to access less commonly seen flora of the higher Chugach on a well-established trail.

This list is a compilation from Alaska Native Plant Society hikes, University of Alaska Anchorage Herbarium specimens, and records from LuDean C. Marvin's 1985 floristic inventory of the area. It is sorted by scientific names consistent with the 2020 Flora of AK Project, cross-referenced with Hulten's 1968 *Flora of Alaska and Neighboring Territories*. Lichens, mosses, and fungi are included after vascular plants.

A field guide with photos and field ID notes focusing on flora found near the summit is available at the Alaska Native Plant Society's website: <https://aknps.org>. The society is a non-profit organization founded in 1982 to promote awareness, education and preservation of Alaska native flora.

References:

Flora of North America Editorial Committee, eds. 1993+

Hulten, E. 1968. *Flora of Alaska and Neighboring Territories*

Ickert-Bond, S.M., B. Bennett, M.L. Carlson, J. DeLapp, J.R. Fulkerson, C.L. Parker, T. W. Nawrocki, M.C. Stensvold, and C.O. Webb (eds.). 2019. Flora of Alaska. Available: <https://floraofalaska.org>

Scientific Name	Common Name	Family
<i>Achillea millefolium borealis</i>	Northern Yarrow	<i>Asteraceae</i>
<i>Aconitum delphiniifolium</i>	Larkspurleaf Monkshood	<i>Ranunculaceae</i>
<i>Anemonastrum sibiricum</i>	Narcissus-flowered Anemone	<i>Ranunculaceae</i>
<i>Anemone parviflora</i>	Northern Anemone	<i>Ranunculaceae</i>

Scientific Name	Common Name	Family
<i>Arctostaphylos uva-ursi</i>	Kinnikinnik	<i>Ericaceae</i>
<i>Arctous alpina</i>	Black Bearberry	<i>Ericaceae</i>
<i>Arnica frigida</i>	Frigid Arnica	<i>Asteraceae</i>
<i>Arnica latifolia</i>	Meadow Arnica	<i>Asteraceae</i>
<i>Arnica lessingii</i>	Lessing's Arnica	<i>Asteraceae</i>
<i>Artemisia arctica</i>	Arctic Wormwood	<i>Asteraceae</i>
<i>Artemisia arctica arctica</i>	Arctic Wormwood	<i>Asteraceae</i>
<i>Artemisia frigida</i>	Fringed Sage	<i>Asteraceae</i>
<i>Artemisia tilesii</i>	Tilesius' wormwood	<i>Asteraceae</i>
<i>Askellia pygmaea</i>	Dwarf Alpine Hawk's Beard	<i>Asteraceae</i>
<i>Astragalus umbellatus</i>	Tundra Milkvetch	<i>Fabaceae</i>
<i>Bistorta vivipara</i>	Alpine Meadow Bistort	<i>Polygonaceae</i>
<i>Boschniakia rossica</i>	Ground Cone	<i>Orobanchaceae</i>
<i>Bromopsis pumpelliana</i>	Arctic Brome	<i>Poaceae</i>
<i>Calamagrostis canadensis</i>	Blue Joint Grass	<i>Poaceae</i>
<i>Campanula lasiocarpa</i>	Mountain Harebell	<i>Campanulaceae</i>
<i>Campanula rotundifolia</i>	Harebell	<i>Campanulaceae</i>
<i>Cardamine bellidifolia bellidifolia</i>	Alpine Cress	<i>Brassicaceae</i>
<i>Carex athrostachya</i>	Long-bract Sedge	<i>Cyperaceae</i>
<i>Carex microchaeta microchaeta</i>	Small-awned Sedge	<i>Cyperaceae</i>
<i>Carex pachystachya</i>	Thick-headed Sedge	<i>Cyperaceae</i>
<i>Carex podocarpa</i>	Shortstalked Sedge	<i>Cyperaceae</i>
<i>Carex preslii</i>	Presl's Sedge	<i>Cyperaceae</i>
<i>Carex scirpoidea</i>	Northern Singlespike Sedge	<i>Cyperaceae</i>
<i>Cassiope tetragona</i>	Bell Heather	<i>Ericaceae</i>
<i>Castilleja unalaschcensis</i>	Coastal Paintbrush	<i>Orobanchaceae</i>
<i>Cerastium beeringianum</i>	Bering Chickweed	<i>Caryophyllaceae</i>
<i>Chamaenerion angustifolium</i>	Fireweed	<i>Onagraceae</i>
<i>Chamaenerion latifolium</i>	River Beauty	<i>Onagraceae</i>
<i>Chamaepericlymenum canadense</i>	Dwarf Dogwood	<i>Cornaceae</i>
<i>Chamaepericlymenum suecicum</i>	Bunch Berry	<i>Cornaceae</i>

Scientific Name	Common Name	Family
<i>Hedysarum americanum</i>	Bear-root	<i>Fabaceae</i>
<i>Heracleum lanatum</i>	Cow Parsnip	<i>Apiaceae</i>
<i>Hierochloe alpina</i>	Alpine Sweetgrass	<i>Poaceae</i>
<i>Huperzia continentalis</i>	Mountain Club Moss	<i>Lycopodiaceae</i>
<i>Juniperus communis depressa</i>	Mountain Juniper	<i>Cupressaceae</i>
<i>Linnaea borealis</i>	Twinflower	<i>Linnaeaceae</i>
<i>Lloydia serotina</i>	Alp Lily	<i>Liliaceae</i>
<i>Luetkea pectinata</i>	Alpine Spiraea	<i>Rosaceae</i>
<i>Lupinus nootkatensis</i>	Nootka Lupine	<i>Fabaceae</i>
<i>Luzula arcuata unalaschcensis</i>	Curved Woodrush	<i>Juncaceae</i>
<i>Luzula nivalis</i>	Arctic Woodrush	<i>Juncaceae</i>
<i>Luzula spicata</i>	Spiked Wood Rush	<i>Juncaceae</i>
<i>Mertensia paniculata</i>	Chiming Bells	<i>Boraginaceae</i>
<i>Micranthes lyallii hultenii</i>	Red-stemmed Saxifrage	<i>Saxifragaceae</i>
<i>Micranthes nelsoniana</i>	Nelson's Saxifrage	<i>Saxifragaceae</i>
<i>Micranthes nivalis</i>	Snow Saxifrage	<i>Saxifragaceae</i>
<i>Micranthes tenuis</i>	Slight Saxifrage	<i>Saxifragaceae</i>
<i>Moneses uniflora</i>	Shy Maiden	<i>Ericaceae</i>
<i>Myosotis alpestris asiatica</i>	Alpine Forget-me-not	<i>Boraginaceae</i>
<i>Noccaea arctica</i>	Arctic Pennycress	<i>Brassicaceae</i>
<i>Orthilia secunda</i>	Sidebells Wintergreen	<i>Ericaceae</i>
<i>Osmorhiza depauperata</i>	Wild Licorice	<i>Apiaceae</i>
<i>Oxytropis maydelliana</i>	Maydell's Locoweed	<i>Fabaceae</i>
<i>Packera pauciflora</i>	Alpine Ragwort	<i>Asteraceae</i>
<i>Papaver alboroseum</i>	Pale Poppy or Portage Poppy	<i>Papaveraceae</i>
<i>Papaver hultenii</i>	Lapland Poppy	<i>Papaveraceae</i>
<i>Pedicularis capitata</i>	Capitate Lousewort	<i>Orobanchaceae</i>
<i>Picea glauca</i>	White Spruce	<i>Pinaceae</i>
<i>Picea mariana</i>	Black Spruce	<i>Pinaceae</i>
<i>Poa alpina alpina</i>	Alpine Bluegrass	<i>Poaceae</i>
<i>Polemonium acutiflorum</i>	Tall jacob's ladder	<i>Polemoniaceae</i>

Scientific Name	Common Name	Family
<i>Saxifraga hyperborea</i>	Pygmy Saxifrage	<i>Saxifragaceae</i>
<i>Saxifraga oppositifolia smalliana</i>	Purple Mountain Saxifrage	<i>Saxifragaceae</i>
<i>Saxifraga serpyllifolia</i>	Thyme-leaved Saxifrage	<i>Saxifragaceae</i>
<i>Saxifraga setigera</i>	Spider Saxifrage	<i>Saxifragaceae</i>
<i>Saxifraga tricuspidata</i>	Prickly Saxifrage	<i>Saxifragaceae</i>
<i>Shepherdia canadensis</i>	Soapberry	<i>Eleagnaceae</i>
<i>Silene acaulis ssp subacaulescens</i>	Moss Champion	<i>Caryophyllaceae</i>
<i>Solidago multiradiata multiradiata</i>	Northern Goldenrod	<i>Asteraceae</i>
<i>Spinulum annotinum</i>	Stiff Club Moss	<i>Lycopodiaceae</i>
<i>Spiraea stevenii</i>	Alaska Spiraea	<i>Rosaceae</i>
<i>Stellaria calycantha</i>	Chickweed	<i>Caryophyllaceae</i>
<i>Stellaria longipes</i>	Long-stalked Starwort	<i>Caryophyllaceae</i>
<i>Taraxacum carneocoloratum</i>	Pink Dandelion	<i>Asteraceae</i>
<i>Trisetum spicatum</i>	Spike Trisetum Grass	<i>Poaceae</i>
<i>Vaccinium uliginosum</i>	Bog Blueberry	<i>Ericaceae</i>
<i>Vaccinium vitis-idaea</i>	Lingonberry	<i>Ericaceae</i>
<i>Valeriana capitata</i>	Capitate Valerian	<i>Valerianaceae</i>
<i>Veronica wormskjoldii</i>	Alpine Veronica	<i>Plantaginaceae</i>
<i>Dicranum</i>	Fork Moss	<i>Dicranaceae</i>
<i>Polytrichum</i>	Hair-cap Moss	<i>Polytrichaceae</i>
<i>Polytrichum commune</i>	Common hair-cap moss	<i>Polytrichaceae</i>
<i>Polytrichum juniperinum</i>	Juniper Hair-cap Moss	<i>Polytrichaceae</i>
<i>Sphagnum</i>	Peat moss	<i>Sphagnaceae</i>
<i>Alectoria ochroleuca</i>	Green Witches' Hair Lichen	<i>Parmeliaceae</i>
<i>Bryoria</i>	Horsehair Lichen	<i>Parmeliaceae</i>
<i>Cladonia</i>	Reindeer Lichen in AK	<i>Cladoniaceae</i>
<i>Dactylina arctica</i>	Dead Man's Fingers	<i>Parmeliaceae</i>
<i>Melanelia hepatizon</i>	Rimmed Rockleather	<i>Parmeliaceae</i>
<i>Ochrolechia</i>	Crabseye lichen	<i>Ochrolechiaceae</i>
<i>Ophioparma</i>	Blood Spot Lichen	<i>Ophioparmaceae</i>
<i>Ophioparma lapponica</i>	Blood Spot Lichen	<i>Ophioparmaceae</i>