

Species List of Vascular Plants on the Niwot Ridge Biosphere Reserve
Area includes from Navajo Peak summit to the intersection
of Highway 72 and the Rainbow Lakes road.

Provisional

532

Based on collections available in the MRS herbarium, the University
of Colorado herbarium, and collections made by Komarkova, Weber,
Love and Love, Kelso, Crowley and Crowley, Taylor and Teare.
Nomenclature follows that of Weber and Johnston, 1979.

ALLIACEAE

Allium cernuum Roth

Allium geyeri S.Wats.

Onion

Barberidaceae? N. M. M. M.?

BETULACEAE

Alnus tenuifolia Nutt.

Betula glandulosa Michx. bog-bush

BORAGINACEAE

Eritrichium aretioides (Cham.) DC. alpine forget-me-not

Hackelia floribunda (Lehm.) Johnston

Mertensia ciliata (James) G. Don

Mertensia lanceolata (Pursh) DC.

Mertensia viridis Nels.

Mertensia

CAPRIFOLIACEAE

Lonicera involucrata (Rich.) Banks ex Spreng.

Sambucus racemosa L. var. microbotrys Rydb.

CAMPANULACEAE

Campanula parryi Gray

Campanula rotundifolia L.

Campanula uniflora L.

harbell

CHENOPODIACEAE

Chenopodium capitatum (L.) Aschers.

Chenopodium fremontii Wats.

Monolepis nuttalliana (Schult.) Greene

CARYOPHYLLACEAE

Arenaria fendleri Gray var. tweedyi (Ryd.) Maguire

Fendler's sandwort

Cerastium arvense L.

Cerastium beeringianum Cham. + Schlect. ssp. earlei (Rydb.) Huilten

moss-ear

Minuartia biflora (L.) Schinz. + Thell.

Minuartia obtusiloba (Rydb.) House

Minuartia rubella (Wahl.) Graebner

sandwort

Paronychia pulvinata Gray

Sagina saginoides (L.) Karst

Silene acaulis L. ssp. subacaulescens (Williams) Hitch. + Maguire

moss campion

Stellaria longifolia Muehl. ex Willd.

chickweed

Stellaria umbellata Turcz.

COMPOSITAE

- Achillea lanulosa Nutt.
- Agoseris aurantiaca (Hook.) Greene
- Agoseris glauca (Pursh) Raf.
- Anaphalis margaritacea (L.) B. + H.
- Antennaria alpina (L.) Gaertn. *sussex*
- Antennaria pulcherrima (Hook.) Greene ssp. *anaphaloides* (Rydb.) Weber
- Antennaria rosea Greene
- Arnica cordifolia Hook.
- Arnica mollis Hook. *Arnica*
- Arnica parryi Gray
- Artemisia frigida Willd.
- Artemisia ludoviciana Nutt.
- Artemisia pattersonii Gray *sage*
- Artemisia scopulorum Gray
- Artemisia tridentata Nutt.
- Aster chilensis Nees. ssp. *adscendens* (Lindh.) Cronquist *aster*
- Aster porteri Gray
- Chamomilla suaveolens (Pursh) Rydb.
- Cirsium canescens Nutt.
- Cirsium centaurea (Rydb.) K. Schum *thistle*
- Cirsium scopulorum (Greene) Cockerell
- Cirsium tweedyi (Rydb.) Petrak
- Crepis runcinata T. + G.
- Erigeron compositus Pursh
- Erigeron divergens T. + G. var. *cinereus* Gray
- Erigeron flagellaris Gray
- Erigeron melanocephalus Nels. *Daisy*
- Erigeron peregrinus (Pursh) Greene ssp. *callianthemus* (Greene) Cronqu.
- Erigeron pinnasectus (Gray) Nels.
- Erigeron simplex Greene
- Erigeron vetensis Rydb.
- Grindelia subalpina Greene
- Helianthella quinquenervis (Hook.) Gray
- Heterotheca villosa (Pursh) Shinnars
- Hieracium albiflorum Hook.
- Hymenoxys acaulis (Pursh) Parker
- Hymenoxys grandiflora (T. + G.) Parker *Old-man-of-the-Mountain*
- Leucanthemum vulgare Lam.
- Ligularia amplexans (Gray) W.A. Weber
- Oreochrysum parryi (Gray) Rydb.
- Petasites sagittata (Pursh) Gray
- Rudbeckia hirta L.
- Senecio atratus Greene
- Senecio canus Hook. *Senecio*
- Senecio crassulus Gray
- Senecio crocatus Rydb.
- Senecio eremophilus Rydb. var. *kingii* (Rydb.) Greenm.
- Solidago multiradiata Ait. var. *scopulorum* Gray *alpine golden rod*
- Senecio triangularis Hook.

- [Taraxacum ceratophorum (Ledeb.) DC. *Sandelson*
 Taraxacum officinale Web. in Wiggers
 Tonestus pygmaeus (T.+G.) Nels.
 Tragopogon dubius Scop. ssp. major (Jacq.) Vollman

CRASSULACEAE

- Clementsia rhodantha (Gray) Rose *rose crown*
 Rhodiola integrifolia Raf. *Kings crown*
 Sedum lanceolatum Torr. *staccop*
 Sedum rhodanthum (Gray) Rose

CRUCIFERAE

- Arabis drummondii Gray
 Capsella bursa-pastoris (L.) Medic.
 Cardamine cordifolia Gray *cardamine*
 Draba aurea Wahl. *Draba*
 Draba lanceolata Royle *Draba*
 Draba streptocarpa Gray
 Erysimum nivale (Greene) Rydb. *alpine wall flower*
 Rorippa curvipes Greene var. alpina (Wats.) Stuckey
 Sisyrinchium montanum Greene
 Thlaspi alpestre L. *Candytuft*
 Thlaspi alpestre *alpine bladderpod* Love and Kapoor

CYPERACEAE

- Carex alponigra Mack. in Rydb.
 Carex angustior Mack. in Rydb.
 Carex aquatilis Wabl. ssp. stans (Drejer) Hulten
 Carex arapahoensis Clokey
 Carex bella Bailey
 Carex capillaris L. *Love and Love*
 Carex brevipes Boott.
 Carex chalciolepis Holm
 Carex disperma Dewey
 Carex haydeniana Olney
 Carex illota Bailey
 Carex elynoides Holm
 Carex foena Willd.
 Carex lachenallii Schkuhr.
 Carex microglochin Wahlen.
 Carex microptera Mack.
 Carex nardina Fries var. hepburnii (Boott) Love, Love and Kapoor
 Carex nigricans C.A. Meyer
 Carex nova Bailey
 Carex pachystachya Cham.
 Carex phaeocephala Piper
 Carex praeceptorum Mack.
 Carex pyrenaica Wahlenb.
 Carex rossii Boott in Hook. & Ar. in Richardson
 Carex rupestris All.
 Carex saxatilis L. ssp. laxa (Trautv.) Kalela
 Carex scopulorum Holm

Eriophorum Carex utriculata

Carex nelsonii Mack

Carex pelocarpa Hermann

Carex vernacula Bailey

Eleocharis quinqueflora (F.X. Hartm.) O. Schwart

Kobresia myosuroides (Vill.) Flori + Paol.

Kobresia simpliciuscula (Wahl.) Mack

EQUISETACEAE

• Equisetum arvense L.

ERICACEAE

• Arctostaphylos uva-ursi (L.) Spreng. *bearberry*

Gaultheria humifusa (Graham) Rydb.

• Kalmia polifolia Wang. ssp. microphylla (Hook.) Calder + Taylor *Swamp Laurel*

• Pterospora andromeda Nutt. *Weddells*

Pyrola asarifolia Michx. var. purpurea (Bunge) Fernald *wintergreen*

Pyrola chlorantha Swartz

Pyrola minor L.

Orthilla secunda (L.) House

Vaccinium caespitosum Michx.

Vaccinium myrtillus L. ssp. oreophyllum (Rydb.) Love, Love and Kapoor

Vaccinium scoparium Leiberg

GENTIANACEAE

Cimicifuga prostrata (Haenke) Love and Love

Comastoma tenellum (Rott.) Tokokuni

• Frasera speciosa Dougl. *Green gentian*

Gentianella amarella (L.) Boern.

Gentianodes algida (Pallas) Love and Love

• Pneumonanthe calycosa (Griesb.) Greene *Gentian*

• Swertia perennis L. *Star gentian*

GERANIACEAE

• Geranium caespitosum James

Geranium richardsonii F. + T. *Geranium*

GRAMINEAE

Agropyron scribneri Vasey

Agrostis borealis Hartm.

• Agrostis gigantea Roth.

Agrostis scraba Willd.

Agrostis variabilis Rydb.

Alopecurus aequalis Sobol

Bromus tectorum L.

Calamagrostis canadensis (Michx.) Beauv.

Calamagrostis inexpansa Gray

Calamagrostis purpurascens R.Br. in Richardson

Danthonia intermedia Vasey

• Deschampsia caespitosa (L.) P. Beauv.

• Festuca brachyphylla Schultes

- Glyceria borealis(Nash)Batch.
- Glyceria striata(Lam.)Hitch.
- Helictotrichon mortonianum(Scribn.)Henrard
- Hierochloe odorata(L.)Beauv.
- Koeleria macrantha (Ledeb.)Schult.
- Muehlenbergia filiformis(Thurb.)Rydb.
- Phleum commutatum Gaudin
- Phleum pratense L.
- Poa arctica R.Br. ssp. grayana(Vasey)Love, Love and Kapoor
- Poa compressa L.
- Poa fendleriana(Steud.)Vasey
- Poa glauca Vahl. var. rupicola(Nash)Boivin
- Poa nervosa(Hook.)Vasey
- Poa pattersonii Vasey
- Poa reflexa Vasey + Scribn
- Podagrostis humilis(Vasey)Bjoerkman
- Stipa occidentalis Thurb. ex Watson
- Trisetum spicatum L. ssp. montanum(Vasey)W.A. Weber

GROSSULARIACEAE

- Ribes coloradense Coville *Colorado currant*
- Ribes montigenum McClatchie *subsp. prickly currant and currant*

HYDROPHYLLACEAE

- Hydrophyllum fendleri(Gray)Heller
- Phacelia hastata Doug. ex Lehm.
- Phacelia sericea(Graham) Gray

JUNCACEAE *Rush*

- Juncus biglumis L.
- Juncus castaneus Smith
- Juncus drummondii Meyer
- Juncus mertensianus Bong.
- Juncus triglumis L.
- Luzula parviflora Wahlenb.
- Luzula subcapitata(Rydb.)Harr.

LEGUMINOSAE

- Astragalus tenellus Pursh *milk vetch*
- Lupinus argenteus Pursh *Lupine*
- Oxytropis lambertii Pursh var. bigelovii Gray *Zoro-weed*
- Oxytropis multiceps Nuttall
- Thermopsis divaricarpa Nels. *Golden banner*
- Trifolium dasyphyllum T. + G.
- Trifolium nanum Torr.
- Trifolium parryi Gray *clover*
- Trifolium pratense L.
- Trifolium repens L.

LILIACEAE

- Lloydia serotina(L.) Sw.
- Smilacina racemosa(L.) Desf. *Falce Solomon's seal*
- Smilacina stellata(L.) Desf.
- Streptopus amplexifolius(L.) DC
- Zigadenus elegans Pursh=Anticlea elegans(Pursh) Rydb. *Death camas*

LORANTHACEAE

- Arceuthobium americanum Nutt.
- Arceuthobium campylopodium Engelm.

LYCOPODIACEAE

- Huperzia selago(L.) Bernh.
- Lycopodium annotinum L. *stiff club-moss*

NYMPHACEAE

- Nuphar luteum Sibth. and Sm. ssp. posysepalum(Engelm.) Beal *water lily*

ONAGRACEAE

- Chamerion angustifolium(L.) Holub.
- Epilobium anagallidifolium Lam.
- Epilobium hornemanii Reichenb. *Fireweed*
- Epilobium lactiflorum Hausskn.

ORCHIDACEAE

- Corallorhiza maculata Raf. *Spotted coral-root*
- Limmorchis dilatata(Pursh) Rydb. ssp. albiflora(Cham.) Love + Simon *Bog-orchid*
- Limmorchis hyperborea(L.) Rydb.
- Listera cordata(L.) R.Br. ssp. nephrophylla(Rydb.) Love and Love
- Spiranthes romanzoffiana Cham. and Schl. *Lady's Tresses*

PINACEAE

- Abies lasiocarpa(Hook.) Nutt.
- Juniperus communis L. ssp. alpina(Neilr.) Celakovsky
- Picea englemannii(Parry) Engelm.
- Pinus contorta Doug. var. latifolia Engelm.
- Pinus flexilis James
- Pinus ponderosa *Pseudotsuga menziesii*

POLEMONIACEAE

- Collomia linearis Nutt.
- Phlox sibirica L. ssp. pulvinata(Wherry) W.A. Weber *Phlox*
- Polemonium delicatum Rydb.
- Polemonium viscosum Nutt. *Jacob's Ladder, Sky Pilot, shunk weed*

POLYPODIACEAE

- Cystopteris fragilis(L.) Bernh. *Brittle Fern*
- Polystichum lonchitis(L.) Roth. *Mountain Holly Fern*

PORTULACACEAE

- Claytonia lanceolata Pursh *spring beauty*
- Claytonia megarhiza (Gray) Parry *big-rooted spring beauty*
- Crunocallis chamissoi (Ledeb.) Rydb.
- Lewisia pygmaea (Gray) Robinson *pygmy butterroot*

POLYGONACEAE

- Bistorta bistortoides (Pursh) Small
- Bistorta vivipara (L.) S. Gray
- Eriogonum flavum Nutt var. xanthus (Small) Stokes
- Eriogonum umbellatum Torr.
- Koenigia islandica L.
- Oxyria digyna (L.) Hill *mountain sorrel*
- Rumex occidentalis Wats.

PRIMULACEAE

- Androsace septentrionalis (Raf.) Merrill
- Dodecatheon pulchellum (Raf.) Merrill *shooting star*
- Primula angustifolia Torr.
- Primula parryi Gray *Parry's*

RANUNCULACEAE

- Aconitum columbianum Nutt. ex T. + G. *monkshood*
- Anemone multifida Poir var. globosa (Nutt.) T. + G.
- (Aquilegia caerulea James *glumbine*
- Aquilegia saximontana Rydb.
- Caltha leptosepala DC - *marsh-marigold*
- Delphinium barbeyi Wuth. *Larkspur*
- Pulsatilla ludoviciana (Nutt.) Heller *pasque flower*
- Ranunculus adoneus Gray - *alpine buttercup*
- Ranunculus cardiophyllus Hook.
- Ranunculus escholtzii Schlecht.
- Ranunculus flammula L.
- Ranunculus pedatifida Smith
- Trollius laxus Salisb. *Globe flower*

ROSACEAE

- Acomastylis rossii (R.Br.) Greene ssp. turbinata (Rydb.) Weber *alpine avens*
- Dryas octopetala L. ssp. hokkeriana (Juz.) Hulten *mountain avens*
- Drymocallis fissa (Nutt.) Rydb.
- Fragaria ovalis (Lehm.) Rydb. *strawberry*
- Geum macrophyllum Willd. var. perincisum Raup *avens*
- Geum rivale L.
- Pentaphylloides floribunda (Pursh) Love and Love *shrubby cinquefoil*
- Potentilla diversifolia Lehm.
- Potentilla gracilis Dougl. ex Hook. *cinquefoil*
- Potentilla norvegica L.
- Potentilla rubricaulis Lehm.
- Rosa acicularis Lind.
- Rosa woodsii Lind. *Rose*
- Rubus daeus L. *Raspberry*
- Sibbaldia procumbens L. *Sibbaldia*

R. parviflorus

RUBIACEAE

- Galium boreale L. ssp. septentrionale (R. + S.) Hara
Galium trifidum L.

SALICACEAE

- Populus tremuloides Michx.
Salix arctica Pallas
Salix brachycarpa Nutt.
Salix depressa L. ssp. rostrata (Anderss.) Hiitonen
• Salix glauca L. *Willow*
Salix monticola Bebb.
Salix nivalis Hook.
Salix phylicifolia L. ssp. planifolia (Pursh) Hiitonen
Salix subcoerulea Piper

SAXIFRAGACEAE

- Should be Schroph* → Chionophylla jamesii Benth. *Snowlover*
Heuchera bracteata (Torr.) Ser.
Heuchera parvifolia Nutt.
Mitella petandra Hook.
• Parnassia fimbriata König. *Grass - of - Parnassus*
Saxifraga bronchialis L. ssp. austro-montana (Wieg.) Piper
• Saxifraga caespitosa L.
Saxifraga odontoloma Piper
• Saxifraga rhomboidea Greene
Saxifraga serpyllifolia Pursh ssp. chrysantha (Gray) W.A. Weber

SCROPHULARIACEAE

- Besseyia alpina (Gray) Rydb. *alpine Besseyia*
Castilleja linariaefolia Benth. in DC
Castilleja miniata Doug. in Hook. *Paintbrush*
Castilleja occidentalis Torr.
Castilleja rhexifolia Rydb.
Castilleja sulphurea Rydb.
Mimulus guttatus DC
Orthocarpus luteus Nutt.
• Pedicularis groenlandica Retz *Elephant heads*
• Pedicularis parryi Gray *Parry's*
Pedicularis racemosa Doug. ssp. alba Pennell
Pedicularis sudetica Willd. ssp. scopulorum (Gray) Hulten
• Penstemon alpinus Torr.
• Penstemon whippleanus Gray
Verbascum thapsus L.
Veronica wormskjoldii R. + S.

SELAGINELLACEAE

- Selaginella densa Rydb.

UMBELLIFERAE

- Aletes acaulis (Torr.) C. + R. *mt caraway*
- Angelica grayi C. + R.
- Conioselinum scopulorum (Gray) C. + R.
- Harbouria trachypleura (Gray) C. + R. *whisk broom Parsley*
- Heracleum lanatum Michx. *cowparsnip*
- Heracleum sphondylium L. ssp. montanum (Schleich.) Briquet in
Ligusticum filicinum S. Wats. Schinz. + Keller
- Oreoxis alpina (Gray) C. + R.
- Osmorhiza depauperata Phil.
- Oxypolis fendleri (Gray) Heller
- Pseudocymopterus montanus (Gray) C. + R. *yellow mt Parsley*

VALERIANACEAE

- Valeriana edulis Nutt.
- Valeriana capitata Pall.

VIOLACEAE

- Viola adunca Smith
- Viola biflora L. *violet*
- Viola canadensis L.

**** Nomenclature subject to revision; certain genera are under uncertain taxonomic stature; list is probably not complete for subalpine species*****

Bryophyte and Cryptogam species lists are in progress.