

## Vallecitos Mountain Refuge, Tusas Mountains, Rio Arriba County, New Mexico

Base Camp Botany Inventory #4  
20-22 August 2004

This property is a private in-holding in the Carson National Forest consisting of about 133 acres at an elevation range of 8,600 feet to 8,800 feet above sea level. It is the privately-owned portions of Sections 21, 28 and 29, Township 28 North, Range 7 East. The confluence of Rock Creek and the Rio Vallecitos occurs on the southeast corner of the parcel. This property is primarily situated in these valley bottoms, but also contains some of the valley slopes and igneous rock outcrops. There are seven dams making small ponds in the Rock Creek drainage. Habitats includes ponderosa pine forest, mixed conifer forest, aspen forest, riparian woodland, wet meadow, dry meadow, and aquatic.

Participating botanists include Robert Sivinski, George Cox, Rich Spellenberg, Ron Hartman, Ernie Nelson, Richard Worthington, Gene Jercinovic, Robert Dewitt Ivey, and Charlie McDonald. The vascular plant nomenclature in this list is based on: Kelly W. Allred. 2004. A working index of New Mexico vascular plant names (3 June revision). Internet at <<http://web.nmsu.edu/~kallred/herbweb/Index-web-title.htm>>. New Mexico State University, Las Cruces, New Mexico.

The list is essentially un-vouchered, though some collections were made; for these, voucher information is indicated with the species listing.

Key: R = Rocky ridge just outside property boundary  
\* = non-native species

### Lichens

*Rhizoplaca chrysoleuca* (Sm.) Zopf  
*Umbilicaria americana* Poelt & T. Nash

### Liverworts

*Barbilophozia hatcheri* (Evans) Loeske  
*Conocephalum concinnum* (L.) Lindb.  
*Frullania inflata* Gott.  
*Marchantia polymorpha* L.  
*Radula complanata* (L.) Dum.

### Mosses

*Albietinella abietina* (Hedw.) Fleischer  
*Grimmia longirostris* Hooker  
*Neckera complanata* (Hedw.) Hueb. (Worthington 32816 UTEP, 1<sup>st</sup> collection from NM)  
*Orthotrichum hallii* Sull. & Lesq.  
*Plagiomnium cuspidatum* (Hedw.) Kop.  
*Pohlia nutans* (Hedw.) Lindb.  
*Rhytidium rugosum* (Hedw.) Kindberg  
*Syntrichia norvegica* Weber & Mohr

### Ferns and Fern Allies

Aspleniaceae – Spleenwort Family  
*Asplenium tichomanes* Linnaeus, maidenhair spleenwort (R)

Dennstaedtiaceae – Bracken Family  
*Pteridium aquilinum* (Linnaeus) Kuhn var. *pubescens* Underwood, bracken-fern

Dryopteridaceae – Wood Fern Family  
*Cystopteris fragilis* (Linnaeus) Bernhardt, brittle bladder-fern  
*Cystopteris reevesiana* Lellininger, Reeve's bladder-fern (R)  
*Dryopteris filix-mas* Linnaeus, male-fern  
*Woodsia neomexicana* Windham, New Mexico cliff fern

*Woodsia oregana* D. C. Eaton, Oregon cliff-fern  
*Woodsia plummerae* Lemmon, Plummer's cliff-fern

Equisetaceae – Hersetail Family

*Equisetum arvense* Linnaeus, field horsetail  
*Equisetum hyemale* Linnaeus, rough horsetail  
*Equisetum laevigatum* A. Braun, smooth horsetail

Polypodiaceae – Polypody Family

*Polypodium saximontanum* Windham, Rocky Mountain polypody (R)

Selaginellaceae – Spikemoss Family

*Selaginella densa* Rydberg, dense spikemoss (*Sivinski 5825 UNM*)

**Gymnosperms**

Cupressaceae – Cypress Family

*Juniperus communis* Linnaeus var. *depressa* Pursh, dwarf juniper

Pinaceae – Pine Family

*Abies arizonica* Merriam, cork-bark fir  
*Abies concolor* (Gordon & Glendinning) Lindley ex Hildebrand, white fir  
*Picea pungens* Engelmann, blue spruce  
*Pinus ponderosa* Lawson var. *scopulorum*, Engelmann, ponderosa pine  
*Pseudotsuga menziesii* (Mirbel) Franco, Douglas-fir

**Flowering Plants: Dicots**

Apiaceae – Celery Family

*Angelica pinnata* S. Watson, small-leaf angelica (*Sivinski 5840 UNM*)  
*Conioselinum scopulorum* (A. Gray) Coulter & Rose, Rocky Mountain hemlock-parsley  
*Heracleum maximum* Bartram, cow parsnip  
*Ligusticum porteri* Coulter & Rose, osha  
*Osmorhiza depauperata* Philippi, lesser sweet-cicely  
*Oxypolis fendleri* (A. Gray) Heller, Fendler's cowbane  
*Pseudocymopterus montanus* (A. Gray) Coulter & Rose, alpine mountain-parsley

Apocynaceae – Dogbane Family

*Apocynum androsaemifolium* Linnaeus, spreading dogbane

Asteraceae – Aster Family

*Achillea millefolium* Linnaeus, western yarrow  
*Agoseris aurantiaca* (Hooker) Greene, orange-flowered goat-chicory (*Sivinski 5830 UNM*)  
*Agoseris glauca* (Pursh) D. Dietrich, pale goat-chicory  
*Antennaria marginata* Greene, white-margin pussytoes  
*Antennaria parvifolia* Nuttall, little-leaf pussytoes  
*Antennaria microphylla* Rydberg, small-leaf pussytoes  
*Artemisia carruthii* Wood ex Carruth, Carruth's sagebrush  
*Artemisia dracuncululus* Linnaeus, tarragon  
*Artemisia franserioides* Greene, ragweed sagebrush  
*Artemisia ludoviciana* Nuttall subsp. *ludoviciana*, Louisiana wormwood  
*Bahia dissecta* (A. Gray) Britton, ragged-leaf bahia  
*Bidens cernua* Linnaeus, nodding beggarticks (*Sivinski 5856 UNM*)  
*Brickellia fendleri* A. Gray, Fendler's brickellbush  
\**Cirsium arvense* (Linnaeus) Scopoli, Canadian thistle (*Sivinski 5854 UNM*)  
*Cirsium pallidum* (Wootton & Standley) Wootton & Standley, pale thistle (*Sivinski 5839 UNM*)  
*Cirsium undulatum* (Nuttall) Sprengel, wavy-leaf thistle  
*Dieteria bigelovii* (A. Gray) Morgan & Hartman, Bigelow's spine-aster  
*Ericamera nauseosa* (Pallas ex Pursh) ssp. *consimilis* (Greene) Nesom & Baird var. *arta* (A. Nelson)  
Nesom & Baird, rubber rabbitbrush

*Erigeron flagellaris* A. Gray, whiplash fleabane daisy  
*Erigeron formosissimus* Greene, beautiful fleabane daisy  
*Erigeron speciosus* (Lindley) A. P. de Candolle, aspen fleabane  
*Erigeron subtrinervis* Rydberg ex Porter & Britton, three-nerve fleabane daisy  
*Erigeron vetensis* Rydberg, blue-top fleabane daisy (R)  
*Gnaphalium palustre* Nuttall, western marsh cudweed  
*Helianthella parryi* A. Gray, Parry's dwarf sunflower  
*Heterotheca villosa* (Pursh) Shinnery, hairy golden-aster  
*Hymenoxys hoopesii* (A. Gray) Bierner, orange sneezeweed  
*Hymenoxys richardsoni* (Hooker) Cockerell, Colorado rubberweed, pingue  
*Lactuca ludoviciana* (Nuttall) A. P. de Candolle, Louisiana lettuce???  
 \**Lactuca serriola* Linnaeus  
*Lactuca tartarica* (L.) C.A. Meyer var. *pulchella* (Pursh) Stebbins (*Sivinski 5910 UNM*)  
 \**Leucanthemum vulgare* Lamarck, oxeye daisy  
*Madia glomerata* Hooker, mountain tarplant (*Sivinski 5829 UNM*)  
*Oreochrysum parryi* (A. Gray) Rydberg, Parry's goldenrod  
*Pseudognaphalium macounii* (Greene) Kartesz, Macoun's rabbit-tobacco (*Sivinski 5905 UNM*)  
*Pyrrocoma crocea* (A. Gray) Greene, curly-head goldenweed (*Sivinski 5827 UNM*)  
*Rudbeckia hirta* Linnaeus, black-eyed Susan  
*Rudbeckia laciniata* Linnaeus, green-head coneflower  
*Senecio bigelovii* A. Gray var. *hallii* A. Gray, Hall's groundsel  
*Senecio eremophilus* Richards, cutleaf groundsel  
*Senecio neomexicanus* A. Gray var. *mutabilis* (Greene) T.M. Barkley, New Mexico groundsel  
*Senecio pseudoaureus* Rydberg, streambank groundsel  
*Solidago canadensis* Linnaeus var. *canadensis*, Canadian goldenrod (*Sivinski 5900 UNM*)  
*Solidago missouriensis* Nuttall, Missouri goldenrod (*Sivinski 5867 UNM*)  
*Solidago multiradiata* Alton, Rocky Mountain goldenrod (*Sivinski 5874, 1<sup>st</sup> collection for NM*)  
*Solidago simplex* Kunth var. *simplex*, Mt. Albert goldenrod (*Sivinski 5890 UNM*)  
*Solidago speciosa* Nuttall, showy goldenrod  
*Symphotrichum adscendens* (Lindley) Nesom, western aster (*Sivinski 5892 UNM*)  
*Symphotrichum foliaceum* (Lindley ex A..P. de Candolle) Nesom, alpine aster (*Sivinski 5859 UNM*)  
*Symphotrichum laeve* (Linnaeus) Löve & Löve var. *geyeri* (A. Gray) Nesom, Geyer's blue aster (*Sivinski 5909 UNM*)  
*Symphotrichum lanceolatum* (Wildenow) Nesom, Wootton's aster  
 \**Taraxacum officinale* G.H. Weber ex F.H. Wiggers, common dandelion  
 \**Tragopogon pratensis* Linnaeus, meadow salsify  
 \**Tragopyron dubius* Scopoli, yellow salsify  
*Viguiera multiflora* (Nuttall) Blake, showy goldeneye  
*Wyethia arizonica* A. Gray, Arizona mule's-ears

Berberidaceae – Barberry Family

*Berberis fendleri* A. Gray, Fendler's barberry

Betulaceae – Birch Family

*Alnus incana* (Linnaeus) Moench subsp. *tenuifolia* (Nuttall) Breitung, mountain alder

Boraginaceae – Borage Family

*Hackelia floribunda* (Lehmann) I. M. Johnston, many-flowered stickseed (*Sivinski 5860 UNM*)

*Lappula occidentalis* (S. Watson) Greene, spiny sheepbur

*Lithospermum multiflorum* Torrey ex A. Gray, purple gromwell

*Mertensia franciscana* Heller, Franciscan bluebells (*Sivinski 5838 UNM*; tuberous!)

*Mertensia lanceolata* (Pursh) A. P. de Candolle, prairie bluebells

Brassicaceae – Mustard Family

*Arabis drummondii* A. Gray, Canadian rockcress (*Sivinski 5912 UNM*)

*Arabis glabra* (Linnaeus) Bernhardt, tower-mustard

\**Capsella bursa-pastoris* Linnaeus, shepherd's purse

*Cardamine cordifolia* A. Gray var. *cordifolia*, mountain bittercress (*Sivinski 5908 UNM*)

*Descurainia californica* (A. Gray) O. E. Schulz, Sierran tansy-mustard

*Descurainia incisa* (Engelmann ex A. Gray) Britton, tansy-mustard

*Draba helleriana* Greene, Whitlow-grass

\**Erysimum cheiranthoides* L. innaeus, worm-seed wallflower (*Sivinski 5824 UNM*)

*Lepidium virginicum* Linnaeus var. *pubescens* (Greene) Thellung, poor-man's pepperweed  
\**Nasturtium officinale* R. Br., water-cress  
*Pennellia micrantha* (A. Gray) Neuwied, mountain thelopy (*Sivinski 5904 UNM*)  
*Rorippa curvipes* Greene, curved yellow-cress (*Sivinski 5897 UNM*)  
*Rorippa sphaerocarpa* (A. Gray) Britton, round yellow-cress (*Sivinski 5832 UNM*)  
\**Thlaspi arvense* Linnaeus, field penny-cress (*Sivinski 5828 UNM*)  
*Thlaspi montanum* Linnaeus, pennycress

Cactaceae – Cactus Family  
*Echinocereus coccineus* Engelman, scalet hedgehog cactus

Callitrichaceae – Water-starwort Family  
*Callitriche hermaphroditica* Linnaeus, autumn water-starwort  
*Callitriche palustris* Linnaeus, vernal water-starwort (*Sivinski 5899 UNM*)

Campanulaceae – Bluebell Family  
*Campanula parryi* A. Gray, Parry's bellflower  
*Campanula rotundifolia* Linnaeus, bluebells-of-Scotland

Caprifoliaceae – Honeysuckle Family  
*Linnaea borealis* Linnaeus var. *longiflora* Torrey, American twin-flower  
*Lonicera involucrata* (Richardson) Banks ex Sprengel, four-line honeysuckle  
*Sambucus racemosa* Linnaeus, red elder  
*Symphoricarpos rotundifolius* A. Gray, round-leaf snowberry

Carophyllaceae – Pink Family  
*Arenaria fendleri* A. Gray, Fendler's sandwort  
*Cerastium nutans* Rafinesque, nodding chickweed (*Sivinski 5871 UNM*)  
*Silene scouleri* Hooker var. *pringlei* (S. Watson) C. L. Hitchcock & Maguire ex Kartesz & Ghandi, Scouler's catchfly

Celastraceae – Bittersweet Family  
*Pachystima myrsinites* (Pursh) Rafinesque, mountain lover

Chenopodiaceae – Goosefoot Family  
*Chenopodium atrovirens* Rydberg, Piñon goosefoot (*Sivinski 5891 UNM*)  
\**Chenopodium capitatum* (Linnaeus) Ambrosi, strawberry blite  
*Chenopodium fremontii* S. Watson, Fremont's goosefoot  
*Chenopodium leptophyllum* (Moquin-Tandon) Nuttall ex S. Watson, narrowleaf goosefoot  
*Chenopodium murale* Linnaeus, nettle-leaf goosefoot???  
*Chenopodium overi* Aellen, Over's blite

Clusiaceae – Clusia Family  
*Hypericum formosum* Humboldt, Bonpland, & Kunth, St. John's-wort (*Sivinski 5833 UNM*)

Crassulaceae – Stonecrop Family  
*Sedum cockerellii* Britton, Cockerell's stonecrop  
*Sedum integrifolium* (Rafinesque) A. Nelson, New Mexico rosewort (R)

Ericaceae – Heath Family  
*Arctostaphylos uva-ursi* (Linnaeus) Sprengel, bearberry  
*Chimaphila umbellata* (Linnaeus) Nuttall, pipsissewa  
*Pterospora andromedea* Nuttall, woodland pinedrops  
*Pyrola elliptica* Nuttall, shinleaf

Euphorbiaceae – Spurge Family  
*Chamaesyce* sp.

Fabaceae – Pea Family  
*Lathyrus eucosmus* Butters & St. John, bush sweetpea (*Sivinski 5913 UNM*)  
*Lathyrus leucanthus* Rydberg, Rocky Mountain sweetpea

*Lupinus argenteus* Pursh var. *fulvomaculatus* (Payson) Barneby, silvery lupine (*Sivinski 5853 UNM*)  
*Thermopsis rhombifolia* (Nuttall ex Pursh) Nuttall ex Richardson, golden-pea  
\**Trifolium hybridum* Linnaeus, alsike clover  
*Trifolium longipes* Nuttall var. *reflexum* A. Nelson, long-stalk clover (*Sivinski 5881 UNM*)  
\**Trifolium pratense* Linnaeus, red clover  
\**Trifolium repens* Linnaeus, white clover  
*Vicia americana* Muhlenberg ex Willdenow, American vetch

Fagaceae – Oak Family

*Quercus gambelii* Nuttall, Gambel's oak

Fumariaceae – Fumitory Family

*Corydalis aurea* Willdenow, golden-smoke

Gentianaceae – Gentian Family

*Frasera speciosa* Douglas ex Griesbach, monument plant  
*Gentiana affinis* Grisebach, pleated gentian  
*Gentiana parryi* Engelman, Parry's gentian (*Sivinski 5855 UNM*)  
*Gentianella amarella* (Linnaeus) Boerner ssp. *acuta* (Michaux) Gillet, dwarf gentian (*Sivinski 5884 UNM*)  
*Gentianopsis thermalis* (Kuntze) Iltis, Rocky Mountain gentian

Geraniaceae – Geranium Family

*Geranium caespitosum* James, purple geranium  
*Geranium richardsonii* Fischer & Trautvetter, Richardson geranium

Grossulariaceae – Gooseberry Family

*Ribes cereum* Douglas, wax currant  
*Ribes inerme* Rydberg, white-stem gooseberry

Haloragaceae – Water-Milfoil Family

*Myriophyllum sibiricum* Komarov, Siberian water-milfoil (*Sivinski 5898 UNM*)

Hydrophyllaceae – Waterleaf Family

*Hydrophyllum fendleri* (A. Gray) Heller, Fendler's waterleaf  
*Phacelia heterophylla* Pursh, two-leaf scorpion-weed

Lamiaceae – Mint Family

*Dracocephalum parviflorum* Nuttall, dragonhead (*Sivinski 5847 UNM*)  
*Mentha arvensis* Linnaeus, field mint  
*Prunella vulgaris* L. innaeus, self-heal  
*Stachys pilosa* Nuttall, hairy hedge-nettle (*Sivinski 5864 UNM*)

Linaceae – Flax Family

*Linum lewisii* Pursh, blue flax

Malvaceae – Mallow Family

*Sidalcea candida* A. Gray, white checker-mallow (*Sivinski 5834 UNM*)

Nyctaginaceae – Four-O'Clock Family

*Mirabilis linearis* (Pursh) Heimerl var. *decipiens* (Standl.) Welsh

Onagraceae – Evening-Primrose Family

*Chamerion angustifolium* (Linnaeus) Holub ssp. *circumvagum* Mosquin, fireweed  
*Epilobium brachycarpum* C. Presl, annual willow-herb (*Sivinski 5845 UNM*)  
*Epilobium ciliatum* Rafinesque, fringed willow-herb (*Sivinski 5844 UNM*)  
*Oenothera elata* Kunth, Hooker's evening-primrose (*Sivinski 5876 UNM*)  
*Oenothera flava* (A. Nelson) Garrett, long-tube evening-primrose (*Sivinski 5880 UNM*)

Oxalidaceae – Wood Sorrel Family

*Oxalis alpina* (Rose) Rose ex Kunth, alpine wood-sorrel

Plantaginaceae – Plantain Family

\**Plantago major* L.innaeus, great plantain (*Sivinski 5893 UNM*)

Polemoniaceae – Phlox Family

*Collomia linearis* Nuttall, narrow-leaf mountain-trumpet  
*Ipomopsis aggregata* (Pursh) V. Grant, skyrocket  
*Polemonium foliosissimum* A. Gray, Jacob's ladder

Polygonaceae – Buckwheat Family

*Eriogonum racemosum* Nuttall red-root wild-buckwheat  
\**Polygonum aviculare* L.innaeus, yard knotweed  
*Polygonum douglasii* Greene var. *douglasii*, Douglas's knotweed  
\**Polygonum lapathifolium* Linnaeus, dock-leaf smartweed (*Sivinski 5894 UNM*)  
*Polygonum pennsylvanicum* Linnaeus, Pennsylvania pinkweed  
*Rumex acetosella* Linnaeus, sheep sorrel  
*Rumex aquaticus* Linnaeus var. *fenestatus* (Greene) Dorn, western dock (*Sivinski 5836 UNM*)  
\**Rumex crispus* Linnaeus, curly dock  
*Rumex salicifolius* Weinmann, willow dock (*Sivinski 5862 UNM*)

Portulacaceae – Purslane Family

\**Portulaca oleracea* Linnaeus, garden purslane

Primulaceae – Primrose Family

*Androsache septentrionalis* Linnaeus pygmy rock-jasmine

Ranunculaceae – Buttercup Family

*Aconitum columbianum* Nuttall subsp. *columbianum*, monk's-hood  
*Actea rubra* (Aiton) Willdenow, red baneberry  
*Aquilegia elegantula* Greene, red columbine  
*Anemone cylindrica* A. Gray, long-head thimbleweed (*Sivinski 5906 UNM*)  
*Clematis columbiana* (Nuttall) Torrey, Columbian virgin's-bower  
*Delphinium* sp., larkspur  
*Pulsatilla patens* (Linnaeus) P. Miller ssp. *multifida* (Pritzel) Zamelis, American pasqueflower  
*Ranunculus aquatilis* Linnaeus var. *diffusus* Withering, thread-leaf buttercup, water-crowfoot  
*Ranunculus inamoenus* Greene, graceful buttercup  
*Ranunculus macounii* Britton, Macoun's buttercup (*Sivinski 5858 UNM*)  
*Thalictrum fendleri* Engelman ex A. Gray, Fendler's meadow-rue

Rhamnaceae – Buckthorn Family

*Ceanothus fendleri* A. Gray, Fendler's buckbrush

Rosaceae – Rose Family

*Agrimonia striata* Michaux, woodland burhead  
*Amelanchier alnifolia* (Nuttall) Nuttall, western serviceberry  
*Fragaria vesca* Linnaeus, woodland strawberry  
*Fragaria virginiana* Duchesne, pale strawberry  
*Geum macrophyllum* Willdenow var. *perincisum* (Rydberg) Raup, large-leaf avens (*Sivinski 5837 UNM*)  
*Geum triflorum* Pursh var. *ciliatum* (Pursh) Fassett, old-man's-whiskers  
*Holodiscus dumosus* (Nuttall ex Hooker) Heller, inland ocean spray  
*Potentilla anserina* Linnaeus, silverweed  
*Potentilla concinna* L.C.M. Richard, pretty cinquefoil  
*Potentilla gracilis* Douglas ex Hooker var. *pulcherrima* (Lehmann) Fernald, graceful cinquefoil  
*Potentilla fruticosa* Linnaeus, shrubby cinquefoil  
*Potentilla hippiana* Lehmann, wooly cinquefoil  
*Potentilla norvigica* Linnaeus, Norwegian cinquefoil (*Sivinski 5885 UNM*)  
*Prunus virginiana* Linnaeus, choke cherry  
*Rosa woodsii* Lindley, Wood's rose  
*Rubus idaeus* Linnaeus, red raspberry  
*Rubus parviflorus*, Nuttall, western thimble-berry

Rubiaceae – Madder Family

*Galium boreale* Linnaeus, northern bedstraw (*Sivinski 5846 UNM*)

Salicaceae – Willow Family

*Populus angustifolia* James, narrow-leaf cottonwood  
*Populus tremuloides* Michaux, quaking aspen  
*Salix bebbiana* Sargent, gray willow (*Sivinski 5831 UNM*)  
*Salix brachycarpa* Nuttall, short-fruit willow (*Sivinski 5889 UNM*)  
*Salix eriocephala* Michaux var. *ligulifolia* ((C.R. Ball) Dorn, Missouri willow  
*Salix exigua* Nuttall, coyote willow  
*Salix irrorata* Andersson, blue-stem willow  
*Salix lucida* Muhlenberg, shining willow

Saxifragaceae – Saxifrage Family

*Heuchera parvifolia* Nuttall, little-leaf alumroot  
*Saxifraga bronchialis* Linnaeus subsp. *austromontana* (Wiegand) Piper, yellow-spot saxifrage  
*Saxifraga odontoloma* Piper, streambank saxifrage  
*Saxifraga rhomboidea* Greene, diamond-leaf saxifrage

Scrophulariaceae – Figwort Family

*Castilleja linariifolia* Bentham, Wyoming Indian-paintbrush  
*Castilleja lineata* Greene, marshy indian-paintbrush (*Sivinski 5911 UNM*)  
*Castilleja miniata* Douglas ex Hooker, showy Indian-paintbrush  
*Castilleja sulfurea* Rydberg, sulphur-flowered Indian-paintbrush (*Sivinski 5863 UNM*)  
\**Linaria vulgaris* Hill, butter-and-eggs  
*Mimulus guttatus* A.P. de Candolle, seep monkeyflower  
*Orthocarpus luteus* Nuttall, yellow owl-clover (*Sivinski 5849 UNM*)  
*Pedicularis groenlandica* Retzius, bull elephant-head  
*Pedicularis procera* A. Gray, giant lousewort  
*Penstemon barbatus* (Cavanilles) Roth ssp. *torreyi* (Bentham) Keck, red beardtongue  
*Penstemon rydbergii* A. Nelson, Rydberg's beardtongue  
*Penstemon strictus* Bentham, Rocky Mountain beardtongue  
*Penstemon whippleanus* A. Gray, dark beardtongue  
\**Verbascum thapsus* Linnaeus, moth mullein  
*Veronica americana* Schweinitz ex Bentham, American brooklime  
\**Veronica anagallis-aquatica* Linnaeus, water speedwell  
*Veronica peregrina* Linnaeus, neckweed

Urticaceae – Nettle Family

*Urtica dioica* Linnaeus. ssp. *gracilis* (Aiton) Selander, stinging nettle

Valerianaceae – Valerian Family

*Valeriana edulis* Nuttall ex Torrey & Gray, tobacco-root, edible valerian

Violaceae – Violet Family

*Viola anduca* J.E. Smith, hooked violet (*Sivinski 5896 UNM*)  
*Viola canadensis* Linnaeus, Canadian violet

**Flowering Plants: Monocots**

Cyperaceae – Sedge Family

*Carex aquatilis* Wahlenberg, leafy tussock sedge  
*Carex inops* Bailey ssp. *heliophila* (Mackenzie) Crins, stolon sedge  
*Carex bebbii* L.H. Bailey Olney & Fernald (*Worthington 32790 UTEP*, 1<sup>st</sup> collection for NM)  
*Carex interior* Bailey, inland sedge (*Sivinski 5902 UNM*)  
*Carex obtusata* Liljeblad, blunt sedge  
*Carex microptera* Mackenzie, small-wing sedge (*Sivinski 5843 UNM*)  
*Carex pellita* Muhlenberg ex Wildenow, wooly sedge (*Sivinski 5861 UNM*)  
*Carex siccata* Dewey, dry-spike sedge  
*Carex utriculata* F. Boott, Northwest Territory sedge (*Sivinski 5841 UNM*)  
*Eleocharis acicularis* (Linnaeus) Roemer & Schultes, needle spikerush  
*Eleocharis palustris* (Linnaeus) Roemer & Schultes, marshy spikerush (*Sivinski 5882 UNM*)  
*Eleocharis parishii* Britton, Parish's spikerush  
*Scirpus microcarpus* J. & K. Presl, red-tinged bulrush (*Sivinski 5857 UNM*)

Hydrocharitaceae – Frog's-bit Family

*Elodea canadensis* Michaux, Canadian waterweed (*Sivinski 5883 UNM*)

Iridaceae – Iris Family

*Iris missouriensis* Nuttall, Rocky Mountain iris  
*Sisyrinchium montanum* Greene, mountain blue-eyed-grass

Juncaceae – Rush Family

*Juncus arcticus* Willdenow var. *balticus* (Willdenow) Trautvetter, Baltic rush  
*Juncus ensifolius* Wikström var. *montanus* (Engelmann) C.L. Hitchcock, Rocky Mountain rush

Lemnaceae – Duckweed Family

*Lemna minor* Linnaeus, common duckweed

Liliaceae – Lily Family

*Allium cernuum* Roth, nodding onion  
*Allium geyeri* S. Watson var. *tenerum* M.E. Jones, Geyer's onion (*Sivinski 5842 UNM*)  
*Anticlea elegans* (Pursh) Rydberg, mountain deathcamas  
*Lilium philadelphicum* Linnaeus, wood lily  
*Maianthemum racemosum* (Linnaeus) Link, false Solomon's-seal  
*Maianthemum stellatum* (Linnaeus) Link, starry false Solomon's-seal  
*Streptopus amplexifolius* (Linnaeus) A.P. de Candolle, twisted stalk  
*Veratrum californicum* Durand, western skunk-cabbage, western skunk-cabbage (*Sivinski 5835 UNM*)

Orchidaceae – Orchid Family

*Corallorhiza maculata* Rafinesque, spotted coral-root  
*Goodyera oblongifolia* Rafinesque, green rattlesnake-plantain  
*Platanthera huronensis* Lindley, green fringed orchid

Poaceae – Grass Family

*Achnatherum lettermanni* (Swallen) Barkworth, Letterman's needlegrass  
\**Agropyron cristatum* (Linnaeus) Gaertner  
*Agrostis exarata* Trinius var. *minor* Hooker, spike bentgrass  
\**Agrostis gigantea* Roth, redtop (*Sivinski 5852 UNM*)  
*Alopecurus aequalis* Sobol., shortawn foxtail  
*Beckmannia syzigachne* (Steudel) Fernald, American sloughgrass (*Sivinski 5901 UNM*)  
*Blepharoneuron tricholepis* (Torrey) Nash, pine dropseed (*Sivinski 5870 UNM*)  
*Bouteloua gracilis* (Humboldt, Bonpland, & Kunth) Lag. Ex Griffiths, blue grama  
*Bromus anomalus* Ruprecht ex Fournier, nodding brome (*Sivinski 5877 UNM*)  
*Bromus ciliatus* Linnaeus, fringed brome (*Sivinski 5879 UNM*)  
*Bromus frondosus* (Shear) Wootton & Standley, weeping brome  
\**Bromus inermis* Leysser, smooth brome  
*Bromus lanatipes* (Shear) Rydberg, shaggy brome  
*Bromus porteri* (Coulter) Nash, Porter's brome  
\**Bromus tectorum* Linnaeus, cheatgrass  
*Calamagrostis canadensis* (Michx.) Beauvois, Canada reedgrass (*Sivinski 5866 UNM*)  
*Calamagrostis stricta* (Timm) Koehler ssp. *inexpansa* (A. Gray) C.W. Greene, slender reedgrass (*Sivinski 5872 UNM*)  
\**Dactylus glomerata* Linnaeus, orchardgrass  
*Danthonia parryi* Scribner, Parry's danthonia  
*Deschampsia cespitosa* (Linnaeus) Beauvois, tufted hairgrass  
\**Elymus elongatus* (Host) Runemark var. *elongatus*, tall wheatgrass (*Sivinski 5863 UNM*)  
*Elymus glaucus* Buckley, blue wildrye  
*Elymus longifolius* (Smith) Gould, longleaf squirreltail  
*Elymus smithii* (Rydberg) Gould, western wheatgrass (*Sivinski 5848 UNM*)  
*Elymus trachycaulis* (Link) Gould ex Shinnars ssp. *violaceus* (Hornemann) A. & D. Löve, purple wheatgrass (*Sivinski 5850 UNM*)  
*Festuca arizonica* Vasey, Arizona fescue  
\**Festuca pratensis* Schreber, meadow fescue  
*Festuca idahoensis* Elmer, Idaho fescue  
*Glyceria borealis* (Nash) Batchelder, northern mannagrass (*Sivinski 5886 UNM*)  
*Glyceria stitata* (Lamark) A.S. Hitchcock, Fowl mannagrass  
*Hordeum brachyantherium* Nevski, meadow barley  
*Hordeum jubatum* Linnaeus, foxtail barley



*Koeleria macrantha* (Ledebour) J.A. Schultes, Junegrass  
*Melica porteri* Scribner, Porter's melica  
*Muhlenbergia filiformis* (Thurber ex S. Watson) Rydberg, pull-up muhly (*Sivinski 5903 UNM*)  
*Muhlenbergia montana* (Nuttall) A.S. Hitchcock, mountain muhly (*Sivinski 5868 UNM*)  
*Muhlenbergia richardsonis* (Trinius) Rydberg, mat muhly  
*Muhlenbergia wrightii* Vasey ex Coulter, spike muhly  
\**Phleum pratense* Linnaeus, timothy  
\**Poa compressa* Linnaeus, Canada bluegrass (*Sivinski 5851 UNM*)  
*Poa fendleriana* (Steudel) Vasey, Fendler's muttongrass  
*Poa interior* Rydberg, interior bluegrass  
*Poa leptocoma* Trinius, bog bluegrass  
*Poa palustris* Linnaeus, fowl bluegrass (*Sivinski 5878 UNM*)  
\**Poa pratensis* Linnaeus, Kentucky bluegrass  
*Poa fendleriana* (Steudel) Vasey, muttongrass  
*Stipa lettermanii* Vasey, Letterman's needlegrass (*Sivinski 5914 UNM*)  
*Torreyochloa pallida* (Torrey) Church, weak mannagrass  
*Trisetum montanum* Vasey, Rocky Mountain trisetum

Potamogetonaceae – Pondweed Family

*Potamogeton foliosus* Rafinesque, leafy pondweed (*Sivinski 5888 UNM*)

Sparganiaceae – Bur-Reed Family

*Sparganium angustifolium* Michaux, narrow-leaf bur-reed (*Sivinski 5887 UNM*)

Typhaceae – Cat-Tail Family

*Typha latifolia* Linnaeus, broadleaf cattail

Zannichelliaceae – Horned Pondweed Family

*Zannichellia palustris* Linnaeus, horned pondweed