

# FLORA OF LAGUNITAS LAKES AND BRAZOS RIDGE POND

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Lagunitas Lakes is a complex of 20-30 small ponds and seeps all within a mile of Lower Lagunitas Campground in Carson National Forest, Rio Arriba County, New Mexico. The site is about 8 miles south of the Colorado state line. The majority of the ponds and seeps are located in section 33, T31N, R6E. The elevation is 10,400 feet. Collections also were made at a few sites in nearby section 32. Most of the ponds are the result of beavers constructing dams.

Brazos Ridge Pond is a large spring-fed wetland at the base of the eastern slope of the Brazos Ridge. The pond is 3.4 miles NW of the Lower Lagunitas Campground in the NW/4 NE/4 of section 18, T31N, R6E. Elevation is 10,600 feet. A nearby collecting site on the Brazos Ridge is 10,900 feet elevation.

Following are two species lists. The first list is a composite list of species collected or observed in the above-described locations. The list is not an inventory of these areas. The species listed are simply ones the author was interested in collecting and learning. The listed species are primarily associated with ponds and seeps. Upland plants are indicated by (u) after the scientific name. The list contains 8 aquatic, 3 tree, 9 shrub, 35 graminoid and 55 forb species for a total of 110 species. Collections and observations were made in 1998-2000.

The second list is an attempt to describe the plant communities found at Brazos Ridge Pond.

Scientific nomenclature follows Allred (2004) except for *Ranunculus alismifolius* var. *montanus*, which follows The PLANTS Database (USDA, NRCS 2007).

## SPECIES

## COMMON NAME

### AQUATICS

<i>Callitriche palustris</i>	Water starwort
<i>Lemna minuta</i>	Least duckweed
<i>Menyanthes trifoliata</i>	Buckbean
<i>Potamogeton alpinus</i>	Alpine pondweed
<i>Potamogeton foliosus</i>	Leafy pondweed
<i>Potamogeton gramineus</i>	Variableleaf pondweed
<i>Potamogeton richardsonii</i>	Richardson pondweed
<i>Sparganium angustifolium</i>	Narrowleaf bur-reed

## TREES

<i>Abies arizonica</i> (u)	Corkbark fir
<i>Picea engelmannii</i> (u)	Engelmann spruce
<i>Populus tremuloides</i>	Quaking aspen

## SHRUBS

<i>Juniperus communis</i> (u)	Common juniper
<i>Pentaphylloides fruticosa</i>	Shrubby cinquefoil
<i>Ribes montigenum</i> (u)	Gooseberry currant
<i>Ribes wolfii</i> (u)	Wolf's currant
<i>Sambucus racemosa</i> var. <i>microbotrys</i>	Red elderberry
<i>Salix drummondiana</i>	Blue willow
<i>Salix monticola</i>	Park willow
<i>Salix planifolia</i>	Diamondleaf willow
<i>Symphoricarpos</i> sp. (u)	Snowberry

## GRAMINOIDS (sedges, grasses, rushes, spikerushes, horsetails, etc.)

<i>Agrostis scabra</i>	Rough bentgrass
<i>Alopecurus aequalis</i>	Short-awn foxtail
<i>Calamagrostis canadensis</i>	Bluejoint grass
<i>Carex aquatilis</i>	Water sedge
<i>Carex aurea</i>	Golden sedge
<i>Carex bella</i> (10,900 feet elev. only)	Southwestern showy sedge
<i>Carex canescens</i>	Pale sedge
<i>Carex diandra</i>	Lesser panicled sedge
<i>Carex douglasii</i>	Douglas sedge
<i>Carex ebenea</i> (10, 900 feet elev. only)	Ebony sedge
<i>Carex interior</i>	Inland sedge
<i>Carex jonesii</i>	Jones' sedge
<i>Carex microptera</i>	Small-wing sedge
<i>Carex utriculata</i>	Beaked sedge
<i>Carex vesicaria</i> (?)	Blister sedge
<i>Danthonia</i> sp.	Danthonia
<i>Deschampsia cespitosa</i>	Tufted hairgrass
<i>Eleocharis palustris</i>	Common spikerush
<i>Eleocharis quinqueflora</i>	Fewflower spikerush
<i>Equisetum arvense</i>	Field horsetail
<i>Festuca arizonica</i> (u)	Arizona fescue
<i>Festuca thurberi</i> (u)	Thurber fescue
<i>Hordeum brachyantherum</i>	Meadow barley
<i>Juncus arcticus</i> var. <i>balticus</i>	Baltic rush
<i>Juncus confusus</i>	Colorado rush
<i>Juncus ensifolius</i> var. <i>montanus</i>	Rocky Mountain rush

*Juncus hallii*  
*Juncus longistylis*  
*Juncus mertensianus*  
*Luzula parviflora*  
*Phleum alpinum*  
*Poa fendleriana* (u)  
*Poa leptocoma*  
*Poa pratensis*  
*Torreyochloa pallida* var. *pauciflora*

Hall's rush  
Longstyle rush  
Merten's rush  
Small flower woodrush  
Alpine timothy  
Mutton grass  
Bog bluegrass  
Kentucky bluegrass  
Pale false mannagrass

## FORBS

*Achillea millefolium*  
*Aconitum columbianum*  
*Antennaria corymbosa*  
*Antennaria parvifolia* (u)  
*Arenaria* sp. (u)  
*Botrychium lanceolatum* (u)  
*Caltha leptosepala*  
*Castilleja sulphurea*  
*Chenopodium atrovirens*  
*Descurainia incisa*  
*Dodecatheon pulchellum*  
*Epilobium alpinum*  
*Epilobium hornemannii*  
*Erigeron* sp. (u)  
*Fragaria* sp.  
*Galium trifidum*  
*Gentianopsis thermalis*  
*Geranium richardsonii*  
*Geum macrophyllum*  
*Heracleum maximum*  
*Ipomopsis aggregata*  
*Lathyrus leucanthus* (u)  
*Maianthemum stellatum*  
*Mertensia franciscana*  
*Mertensia lanceolata* (u)  
*Mimulus guttatus*  
*Oxypolis fendleri*  
*Parnassia fimbriata*  
*Pedicularis groenlandica*  
*Pedicularis parryi*  
*Potentilla* sp.  
*Platanthera aquilonis*  
*Polygonum viviparum*  
*Ranunculus alismifolius* var. *montanus*

Western Yarrow  
Monkshood  
Flat-top pussytoes  
Littleleaf pussytoes  
Sandwort  
Lanceleaf grapefern  
White marsh marigold  
Yellow paintbrush  
Mountain goosefoot  
Mountain tansy mustard  
Shooting star  
Alpine willow-herb  
Hornemann's willow-herb  
Erigeron  
Wild strawberry  
Small bedstraw  
Rocky Mountain fringed gentian  
Richardson geranium  
Bigleaf avens  
Cow parsnip  
Skyrocket  
Rocky Mountain sweet pea  
Star Solomon's seal  
Franciscan bluebells  
Lanceleaf bluebell  
Seep monkey flower  
Fendler cowbane  
Fringed grass of Parnassus  
Elephant head  
Parry lousewort  
Cinquefoil  
Green bog orchid  
Alpine bistort  
Water plantain buttercup

<i>Ranunculus inamoenus</i> (u)	Fanleaf buttercup
<i>Rumex aquaticus</i> var. <i>fenestratus</i>	Western dock
<i>Rorippa curvipes</i> var. <i>curvipes</i>	Bluntleaf yellowcress
<i>Saxifraga odontoloma</i>	Brook saxifrage
<i>Sedum rhodanthum</i>	Queen's crown
<i>Senecio bigelovii</i>	Nodding groundsel
<i>Senecio eremophilus</i> var. <i>kingii</i>	King's groundsel
<i>Senecio pseud aureus</i> var. <i>flavulus</i>	Streambank groundsel
<i>Senecio triangularis</i>	Arrowleaf butterweed
<i>Spiranthes romanzoffiana</i>	Hooded ladies' tresses
<i>Stellaria umbellata</i>	Parachute chickweed
<i>Swertia perennis</i>	Star gentian
<i>Symphotrichum spathulatum</i> var. <i>spathulatum</i>	Western mountain aster
<i>Taraxacum officinale</i>	Common dandelion
<i>Thalictrum</i> sp.	Meadow rue
<i>Thermopsis rhombifolia</i> var. <i>montana</i>	Mountain golden banner
<i>Valeriana acutiloba</i>	Sharpleaf valerian
<i>Veratrum californicum</i>	Corn lily
<i>Veronica americana</i>	American brooklime
<i>Veronica wormskjoldii</i>	Alpine speedwell
<i>Viola sororia</i> var. <i>sororia</i>	Streambank violet

## PLANT COMMUNITIES AT BRAZOS RIDGE POND.

### OPEN POND COMMUNITY

*Menyanthes trifoliata*  
*Sparganium angustifolium*

### INNERMOST EMERGENT COMMUNITY

*Carex aquatilis*  
*Carex utriculata*

### WATER SEDGE / TUFTED HAIRGRASS / MOSS COMMUNITY

*Agrostis scabra*  
*Carex aquatilis*  
*Carex interior*  
*Deschampsia cespitosa*  
*Eleocharis quinqueflora*  
*Epilobium alpinum*

*Gentianopsis thermalis*  
*Phleum alpinum*  
*Salix* sp.  
*Spiranthes romanzoffiana*  
*Veronica wormskjoldii*  
*Viola* sp.  
Unidentified moss species

#### OUTER EMERGENT COMMUNITY

*Alopecurus aequalis*  
*Calamagrostis canadensis*  
*Carex aquatilis*  
*Carex canescens*  
*Carex interior*  
*Carex utriculata*  
*Carex vesicaria* (?)  
*Deschampsia cespitosa*  
*Juncus mertensianus*  
*Poa* sp.  
*Salix planifolia*  
Unidentified moss species

#### WETLAND FRINGE COMMUNITY AT BASE OF STEEP ROCKY SLOPE

*Carex aurea*  
*Carex* sp.  
*Danthonia* sp.  
*Deschampsia cespitosa*  
*Juncus hallii*  
*Juncus longistylis*  
*Pentaphylloides fruticosa*  
*Potentilla* sp.  
*Symphyotrichum spathulatum*  
    var. *spathulatum*  
Unidentified moss species

#### SEASONALLY FLOODED ROCK DEPRESSION COMMUNITY \*\*

*Alopecurus aequalis*  
*Carex utriculata*  
*Rorippa curvipes* var. *curvipes*

\*\* The rock depression is seasonally flooded and was devoid of water when visited on July 31, 1998. The site is covered with rocks about 15 cm diameter. There is very little vegetation in the depression.

#### LITERATURE CITED

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