

Ecologist

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**JEMEZ MOUNTAINS, NEW MEXICO
COMBINED SPECIES LIST
AUGUST 1997**

Nomenclature follows Martin & Hutchins, 1980; and Hitchcock & Chase, 1971

Acronym

Trees

abicon
piceng
picpun
pinfle
pinpon
poptre
psemen

Full Botanic Name

Total: 7
Abies concolor
Picea englemanni
Picea pungens
Pinus flexilis
Pinus ponderosa
Populus tremuloides
Pseudotsuga menziesii

Shrubs

acegla
alnten
amegol
arcuva
berfen
holdum
jamame
juncom
loninv
mahrep
pruvir
quegam
robneo
rosa
rubida
rubneo
rubpar
salsco
shecan

Total: 19
Acer glabrum
Alnus tenuifolia
Amelanchier goldmanii
Arctostaphylos uva-ursi
Berberis fendleri
Holodiscus dumosus
Jamesii americana
Juniperus communis
Lonicera involucrata
Mahonia repens
Prunus virginiana
Quercus gambelii
Robinia neomexicana
Rosa species--no blossom available to determine species
Rubus idaeus
Rubus neomexicanus
Rubus parviflorus
Salix scouleriana
Shepherdia canadensis

Forbs

achlan
actrub
allcer
andsep
antpar
apoand
aquilegia
aradru
arahir
artcam
artcar
artfra
artlud
brigra
camrot
casli2
casli3
caslin
castilleja

Total: 97
Achillea lanulosa
Actaea rubra
Allium cernuum
Androsace septentrionalis
Antennaria parvifolia
Apocynum androsaemifolium
Aquilegia species--no blossom available to determine species
Arabis drummondii
Arabis hirsuta
Artemisia campestris
Artemisia carruthii
Artemisia franserioides
Artemisia ludoviciana
Brickellia grandiflora
Campanula rotundifolia
Castilleja linearifolia
Castilleja lineata
Castilleja linearis
Castilleja species--no specimen available to determine species

cerarv	<i>Cerastium arvense</i>
chaang	<i>Chamaenerion angustifolium</i>
chealb	<i>Chenopodium album</i>
chenopodium	<i>Chenopodium</i> species--no blossom available to determine species
chiumb	<i>Chimaphila umbellata</i>
cirpal	<i>Cirsium pallidum</i>
clepse	<i>Clematis pseudoalpina</i>
coraur	<i>Corydalis aurea</i>
cormac	<i>Corallorhiza maculata</i>
draspe	<i>Draba spectabilis</i>
dryfis	<i>Drymocaulis fissa</i>
epicil	<i>Epilobium ciliatum</i>
eriel	<i>Erigeron elatior</i>
erigla	<i>Erigeron glabellus</i>
erisup	<i>Erigeron superbus</i>
eryasp	<i>Erysimum asperum</i>
euphorbia	<i>Euphorbia</i> species--no specimen available to determine species
euprob	<i>Euphorbia robusta</i>
fraame	<i>Fragaria americana</i>
fracal	<i>Fragaria californica</i>
fraspe	<i>Frasera speciosa</i>
galbor	<i>Galium boreale</i>
galtri	<i>Galium triflorum</i>
genple	<i>Gentiana plebeia</i>
geranium	<i>Geranium</i> species--no blossom available to determine species
gercae	<i>Geranium caespitosum</i>
gerric	<i>Geranium richardsonii</i>
gooobl	<i>Goodyera oblongifolia</i>
goorep	<i>Goodyera repens</i>
happar	<i>Happlopappus parryi</i>
happlopappus	<i>Happlopappus</i> species--unable to determine species
hiefen	<i>Hieracium fendleri</i>
ipoagg	<i>Ipomopsis aggregata</i>
irimis	<i>Iris missouriensis</i>
latari	<i>Lathyrus arizonicus</i>
latpol	<i>Lathyrus polymorphus</i>
liapun	<i>Liatris punctata</i>
lilium	<i>Lilium</i> species--no blossom available to determine species
limhyp	<i>Limnorchis hyperborea</i>
linbor	<i>Linnaea borealis</i>
linlew	<i>Linum lewesii</i>
litmul	<i>Lithospermum multiflorum</i>
lycdru	<i>Lychnis drummondii</i>
merlan	<i>Mertensia lanceolata</i>
molpar	<i>Moldavica parviflora</i>
oenstr	<i>Oenothera strigosa</i>
osmdep	<i>Osmorhiza depauperata</i>
pacmyr	<i>Pachystima myrsinites</i>
penbar	<i>Penstemon barbatus</i>
pengra	<i>Penstemon gracilis</i>
penwhi	<i>Penstemon whippleanus</i>
potdiv	<i>Potentilla diversifolia</i>
pothip	<i>Potentilla hippiana</i>
pruvul	<i>Prunella vulgaris</i>
psemon	<i>Pseudocymopterus montanus</i>
pteand	<i>Pterospora andromedea</i>
pteaqu	<i>Pteridium aquilinum</i>

pyrasa	<i>Pyrola asarifolia</i>
pyrchl	<i>Pyrola chlorantha</i>
pyrola	<i>Pyrola</i> species--no blossom available to determine species
pyrpic	<i>Pyrola picta</i>
ramsec	<i>Rameschia secunda</i>
rudhir	<i>Rudbeckia hirta</i>
senneo	<i>Senecio neomexicana</i>
silmen	<i>Silene menziesii</i>
smirac	<i>Smilacina racemosa</i>
smiste	<i>Smilacina stellata</i>
solidago	<i>Solidago</i> species--no blossom available to determine species
solmis	<i>Solidago missouriensis</i>
solmul	<i>Solidago multiradiata</i>
solspa	<i>Solidago spathulata</i>
taroff	<i>Taraxacum officinale</i>
thafen	<i>Thalictrum fendleri</i>
tradub	<i>Tragopogon dubius</i>
vacmyr	<i>Vaccinium myrtillus</i>
vicame	<i>Vicia americana</i>
vigmul	<i>Viguiera multiflora</i>
viola	<i>Viola</i> species--no blossom available to determine species
zygele	<i>Zygadenus elegans</i>

Grasses

Total: 33	
agrbak	<i>Agropyron bakeri</i>
agrida	<i>Agrostis idahoensis</i>
agrint	<i>Agropyron intermedium</i>
agropyron1	<i>Agropyron</i> species--no inflorescence available to determine species
agropyron2	<i>Agropyron</i> species--no inflorescence available to determine species
agrsmi	<i>Agropyron smithii</i>
agrsb	<i>Agropyron subsecundum</i>
bletri	<i>Blepharoneuron tricholepis</i>
broano	<i>Bromus anomalus</i>
brocil	<i>Bromus ciliatus</i>
calcan	<i>Calamagrostis canadensis</i>
carex1	<i>Carex</i> species--no inflorescence available to determine species
carex2	<i>Carex</i> species--no inflorescence available to determine species
carfoe	<i>Carex foena</i>
cargeo	<i>Carex geophila</i>
carros	<i>Carex rossii</i>
carsim	<i>Carex simulata</i>
dacglo	<i>Dactylis glomerata</i>
danspi	<i>Danthonia spicata</i>
fesovi	<i>Festuca ovina</i>
festuca	<i>Festuca</i> species--no inflorescence available to determine species
helhoo	<i>Helictotrichon hookeri</i>
koepyr	<i>Koeleria pyramidata</i>
muhmon	<i>Muhlenbergia montana</i>
orymic	<i>Oryzopsis micrantha</i>
phlpra	<i>Phleum pratense</i>
poa	<i>Poa</i> species--no inflorescence available to determine species
poa1	<i>Poa</i> species--no inflorescence available to determine species
poa2	<i>Poa</i> species--no inflorescence available to determine species
poafen	<i>Poa fendleriana</i>
poapra	<i>Poa pratensis</i>
schsco	<i>Schizachyrium scoparium</i>
sithys	<i>Sitanion hystrix</i>

trimon

Trisetum montanum

Unknowns

Total: 18

araspp

forb

astpub

forb

disdaisy

forb

epispp

forb

fraserlike

forb

glauleaf

forb

lig-like2

forb

liglike

forb

pea 2

forb

pea3

forb

pubast

forb

pyrobl

forb

rosette

forb

sol sp1

forb

uk cot

forb

unkarnie

forb

unkgrass

grass

unkthang

forb

vicia

forb

Total Species: 174

JEMEZ MOUNTAINS, NEW MEXICO
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CALAVERAS CANYON PLOTS

Trees Totals

abicon
piceng
picpun
pinfle
pinpon
poptre
psemen

7

Shrubs

acegla
alnten
amegol
arcuva
holdum
jamame
juncom
loninv
mahrep
pruvir
quegam
robneo
rosa
rubida
rubneo
rubpar
salsco
shecan

18

Forbs

achlan
actrub
andsep
antpar
apoand
aquilegia
arahir
artfra
brigra
camrot
casli3
caslin
cerarv
chaang
chealb
chenopodium
chiumb
cirpal
clepse
coraur
cormac
draspe

RIO CIBOLA OLD-GROWTH PLOTS

Trees Total

abicon
picpun
pinfle
pinpon
poptre
psemen

6

Shrubs

acegla
alnten
arcuva
berfen
juncom
mahrep
pruvir
quegam
robneo
rosa
rubida
rubpar
salsco
shecan

14

Forbs

achlan
allcer
andsep
antpar
apoand
aquilegia
aradru
artcam
artcar
artfra
artlud
casli2
caslin
castilleja
chaang
chiumb
cirpal
clepse
draspe
epicil
euphorbia
euprob
fraame
fracal
galtri
geranium
gercae

dryfis
 eriel
 erigla
 erisup
 eryasp
 euprob
 fraame
 fracal
 fraspe
 galbor
 galtri
 genple
 geranium
 gercae
 gerric
 gooobl
 goorep
 happar
 happlopappus
 hiefen
 ipoagg
 latari
 latpol
 lilium
 limhyp
 linbor
 linlew
 litmul
 lycdru
 merlan
 molpar
 osmdep
 pacmyr
 penwhi
 potdiv
 pothip
 pruvul
 psemon
 pteand
 pteaqu
 pyrasa
 pyrchl
 pyrpic
 ramsec
 rudhir
 senneo
 silmen
 smirac
 smiste
 solidago
 solmis
 solmul
 taroff
 thafen
 vacmyr
 vicame
 viola

gerric
 gooobl
 happar
 hiefen
 ipoagg
 irimis
 liapun
 linbor
 litmul
 lycdru
 merlan
 oenvil
 pacmyr
 penbar
 pengra
 pothip
 psemon
 pteand
 pyrchl
 pyrola
 pyrpic
 ramsec
 smirac
 smiste
 solmul
 solspa
 taroff
 thafen
 tradub
 vacmyr
 vigmul
 viola

59

Grasses

agrbak
 agrint
 agropyron1
 agropyron2
 agrsub
 bletri
 brocil
 carex1
 carex2
 dacglo
 danspi
 fesovi
 festuca
 koepyr
 muhmon
 phlpra
 poa
 poa1
 poa2
 schsco
 sithys

21

Unknowns

zygele

80

Grasses

agrida

agrsmi

agrsb

bletri

broano

brocil

calcan

carex1

carex2

carfoe

cargeo

carros

carsim

danspi

fesovi

festuca

helhoo

koepyr

muhmon

orymic

poafen

poapra

sithys

trimon

24

Unknowns

disdaisy

glauleaf

lig-like

unkarnie

unkgrass

unkthang

6

135

araspp

astpub

disdaisy

epispp

fraseralike

lig-like2

liglike

pea 2

pea3

pubast

pyrobl

rosette

sol sp1

uk cot

unkgrass

vicia

16

115