

Statistics on Multiple-Use Management Demonstration Area
Bureau of Land Management
Department of the Interior

August 27, 1974

Name of Area: Juniper Mountain

Location: Oregon - Lakeview District, BLM;
40 to 60 miles north of Lakeview,
NW of Plush and SE of Alkali

Elevation: 4,580' to 6,630'

<u>Land Ownership:</u>	Acres	%
Federal (NRL)	89,240	99.2
State	320	0.3
Private	440	0.5
Total	90,000	100.0

<u>Vegetation Types:</u>	Acres	%
Low Sagebrush	40,000	44.4
Big Sagebrush	45,000	50.0
Desert Shrub	2,500	0.3
Juniper	2,500	0.3
Total	90,000	100.0

Climate:

	J	F	M	A	M	J	J	A	S	O	N	D	Annual
Precip. Ave. (inches)	.59	.57	.69	.47	1.24	1.6	.31	.24	.43	.72	.64	.66	7.72

33% of precipitation in form of snow, Nov. to Feb.

Growing season March - July

Temperature Ave. March 39°F - July 69°F

Geology

Faulted Tertiary Age lava flows and sedimentary rocks with Quaternary cinder cones and sediments.

Natural Water Resources

A few springs and seeps. No lakes or live streams.

Land-use History

Indians. Prior to white man, area was occupied by Northern Paiutes. Small bands roamed land in search of food.

Trappers, explorers and miners. Trappers may have visited area in early 1800's.

Captain Fremont's party and Kit Carson explored Abert Lake and Warner Valley areas in 1843.

Captain Warner entered Goose Lake and Warner Lake Valleys in 1849.

Gold miners probably traveled area to eastern Oregon and Idaho in the early 1860's.

Grazing-use on Allotment

Livestock:

1870 to 1935. Mainly early spring and winter-use. Number of livestock not known but Lake County sales, tax and other records indicate large numbers of sheep and cattle and probably horses.

1936 to 1947. Cattle and sheep-use. About 4500 AUMs yearly.

1948 to 1974 Cattle-use only. Average yearly - 1290 head, for about 3.4 months, March to July. About 4,405 AUMs use yearly. Stocking rate about 20 acres per AUM.

Big Game:

	Approximate Numbers	
	Before Livestock Grazing	At Present
Deer	Very few 25?	75
Antelope	50	100
Desert Bighorn	Some	None

Recreation

Hunting (light). Deer, antelope, sage hen. Sightseeing, rockhounding probably.

Mining

None. No known mineralization. Geothermal steam, oil and gas prospects exist.

Geology

The geology of the allotment consists of faulted Tertiary age lava flows and sedimentary rocks with some Quaternary age cinder cones and sediments.

The western edge of the allotment is bordered by a fault scarp which is a continuation of Abert Rim. Most of the faults within the area have about 100 feet of displacement, and trend northwest with the northeast block the downthrown block.

The Tertiary rocks are basalt and andesite flows, tuff, tuffaceous sandstone and siltstone, conglomerate, and welded tuff. The Quaternary materials are andesite and basalt flows, scoria, gravel, sand, silt, and clay.

Mining

There is no known mineralization or mining within the allotment. However, the southern part of the allotment is prospectively valuable for geothermal steam, and the entire area is prospectively valuable for oil and gas according to the U.S. Geological Survey.

JUNIPER MOUNTAIN ALLOTMENT ANIMAL LIST

<u>Common Name</u>	<u>Scientific Name</u>	<u>Major Food</u>
A. MAMMALS:		
1. Game Mammals		
Pronghorn antelope	<u>Antilocapra americana</u>	Forbs-ERIO.-Arar
Mule deer	<u>Odocoileus hemionus hemionus</u>	Forbs-Putr-Artr-Symp.-green grass
Mountain lion	<u>Felis concolor</u>	Small mammals-mule deer
2. Other Mammals		
Bobcat	<u>Lynx rufus</u>	Rabbits, rodents, some larger mammals
Coyote	<u>Canus latrans</u>	Rabbits, rodents, some larger mammals
Spotted skunk	<u>Spilogale putorius</u>	Insects, rodents, small birds
Badger	<u>Taxidae taxus</u>	Ground squirrels, small rodents
Pigmy rabbit	<u>Syluilagus idahoensis</u>	Sagebrush, forbs
Mountain cottontail	<u>Syluilagus nuttalli</u>	Sagebrush, grasses, juniper
White tailed jackrabbit	<u>Lepus townsendii</u>	Grass, sagebrush, etc.
Black tailed jackrabbit	<u>Lepus californicus</u>	Herbs, shrubs
Merriam's shrew	<u>Sorex merriami</u>	Insects, other arthropods
Broad handed mole	<u>Scapanus latimanus</u>	Earthworms, plant roots, seeds, small invertebrates
Townsend's ground squirrel	<u>Spermophilus townsendii</u>	Green vegetation, seeds
Oregon ground squirrel	<u>Spermophilus beldingi</u>	Green vegetation, seeds
Golden mantel ground squirrel	<u>Spermophilus lateralis</u>	Seeds, fruits, insects
Porcupine	<u>Erethizon dorsatum</u>	Forbs, shrubs, bark
Yellow-bellied marmot	<u>Marmata flaviventris</u>	Grasses, clovers, vetchs
Least chipmunk	<u>Eutamias minimus</u>	Plant seeds, fruits, etc.
Northern pocket gopher	<u>Thomomy talpoides</u>	Plant roots, tubers
Great Basin pocket mouse	<u>Perognathus parvis</u>	Seeds
Ord's kangaroo rat	<u>Dipodomys ordii</u>	Seeds
Great Basin kangaroo rat	<u>Dipodomys microps</u>	Seeds
Western harvest mouse	<u>Reith rodontomys megalotis</u>	Seeds
Northern grasshopper mouse	<u>Onychomys leucogaster</u>	Insects, other arthropods
Bushy tailed woodrat	<u>Neotoma cinerea</u>	Plant material-green
Canyon mouse	<u>Peromyscus crinitus</u>	Seeds, fruit, insects
Deer mouse	<u>Peromyscus maniculatus</u>	Seeds, fruit
Sagebrush vole	<u>Lagurus curtalis</u>	Green vegetation
Western jumping mouse	<u>Zapus princeps</u>	Grass, seeds

Lump nose bat
Pallid bat
Hoary bat
Big brown bat
Fringed myotis
Long eared myotis
Hairy-winged myotis
Small-footed myotis
Yuma myotis

Plecotus townsendi
Antrozous pallidus
Lasiurus cinereus
Eptesicus fuscus
Myotis thysanodes
Myotis evotis
Myotis volans
Myotis subulatus
Myotis yumanensis

Insects
Insects
Insects
Insects
Insects
Insects
Insects
Insects

B. BIRDS

1. Game Birds

Sagegrouse
Chukar partridge
Valley quail
Mourning dove

Centrocercus urophasianus
Alectoris graeca
Lophortyx californicus
Zenaidura macroura

Forbs, sagebrush
Cheatgrass
Seeds
Seeds

2. Song birds

Red-shafted flicker
Yellow-bellied sapsucker
Ash-throated flycatcher
Horned lark
Barn swallow
Cliff swallow
Pinon jay
Mountain chickadee
Say's phoebe
Olive sided fly catcher
House wren
Canon wren
Rock wren
Robin
Mountain blue bird
Logger head shrike
Black-throated gray warbler
Western meadowlark
Bullock's oriole

Colapates cafer
Sphyrapicus varius
Myiarchus cinerascens
Eremophila alpestris
Hirundo rustica
Petrochelidon pyrrhonota
Gymnorhinus cyanocephalus
Parus gambeli
Sayornis saya
Nuttallornis borealis
Troglodytes aedon
Catherpes mexicanus
Salpinctes obsoletus
Turdus migratorius
Sialis currucoides
Lanius ludovicianus
Dendroica nigrescens
Sturnella neglecta
Icterus bullockii

Insects, and other arthropods
"
"
Insects, seeds
Insects, seeds
Insects, seeds
Seeds, fruit, insects
Seeds, fruit, insects
Flying insects
Flying insects
Insects, spiders
Insects, spiders
Insects, spiders
Insects, berries, fruit, worms
Insects, berries, fruit, worms
Insects, lizards, mice, small birds
Insects
Insects, fruits, seeds, small aquatic
Insects, fruits, seeds, small aquatic
life

Brewers blackbird
Brown-headed cowbird
Starling
House finch
Rufous-sided towhee
Savannah sparrow
Vesper sparrow
Lark sparrow
Oregon junco
Sage sparrow
Brewer's sparrow
White crowned sparrow
Sage thrasher
3. Prey Birds

Euphagus cyanocephalus
Molothrus ater
Sturnus vulgaris
Carpodacus mexicanus
Pipilo erythrophthalmus
Passerculus sandwichensis
Poocetes gramineus
Chondestes grammacus
Junco oreganus
Amphispiza billi
Spizella breweri
Zonotrichia leucophrys
Oreoscoptes montanus

Inaect, fruit, seeds, small acquatic
Insect, fruit, seeds, small acquatic
Insects, berries, seeds
Seeds, insects, small fruits
Seeds, insects, small fruits
Seeds, insects, small fruits
Seeds, insects, small fruits
Seeds, insects, small fruits
Seeds, insects, small fruits
Seeds, insects, small fruits
Seeds, insects, small fruits
Seeds, insects, small fruits
Seeds, insects, small fruits
Seeds, insects, small fruits
Seeds, insects, small fruits

Golden eagle
Red-tailed hawk
Swainsons hawk
Rough-legged hawk
Ferruginous hawk
Marsh hawk
Prairie falcon
Sparrow hawk
Turkey vulture
Black-billed magpie
Raven
Crow
Great horned owl
Pigmy owl
Burrowing
Long-eared owl
Short-eared owl
Por-will
Common nighthawk
4. Water & Shore Birds

Aquila chrysaetos
Buteo jamaicensis
Buteo swainsoni
Buteo lagopus
Buteo regalis
Circus cyaneus
Falco mexicanus
Falco sparverius
Cathartes aura
Pica pica
Corvus corax
Crovis branchyrynchos
Bubo virginianus
Glaucidium gnoma
Speotyto cunicularia
Asio otus
Asio flammeus
Caprimulgus carolinensis
Chordeiles minor

Rabbits, large rodents, rats, mice
Rabbits, large rodents, rats, mice
Rabbits, large rodents, rats, mice
Rabbits, large rodents, rats, mice
Rabbits, large rodents, rats, mice
Rabbits, large rodents, rats, mice
Rodents, small birds
Birds, rodents, insects
Birds, rodents, insects
Carrion
Carrion, seeds, fruit
Carrion, seeds, fruits
Carrion, seeds, fruit
Rodents, birds, reptiles
Rodents, birds, reptiles
Rodents, birds, reptiles
Rodents, birds, reptiles
Rodents, birds, reptiles
Rodents, birds, reptiles
Nocturnal insects
Nocturnal insects

Branta canadensis
Anas platyrhynchos
Anas strepera
Anas acuta

Acquatic plants, seeds, grass
Acquatic plants, seeds, grass
Acquatic plants, seeds, grass
Acquatic plants, seeds, grass

Green-winged teal
 Cinnamon teal
 Great blue heron
 Common Egret
 American Coot
 Wilsons phalarope
 Kildeer
 Common snipe
 Spotted sandpiper
 Willet
 Long-billed dowitcher
 Avocet
 California gull
 Western sandpiper

Anas crecca canolinensis
Anas cyanoptera
Ardea herodias
Casmerodius albus
Fulica Americana
Steganopus tricolor
Charadrius vociferus
Capella gallinago
Actitus macullaria
Catoptrophorus semipalmatus
Limnodromus scolopaceus
Recurvirostea americana
Larus californicus
Ereunetes mauri

Acquatic plants, seeds, grass
 Acquatic plants, seeds, grass
 Acquatic life insect, some plant mat.
 Acquatic life, insects, mice
 Acquatic plants, insects, seeds
 Insects, other invertebrates
 Insects, small acquatic, vegetable-matter

Insects, crustaceans worms
 Insects, crustaceans worms
 Insects, crustaceans worms
 Insects, crustaceans worms
 Insects, crustaceans
 Insect, carrion, refuse
 Insects, crustaceans, small acquatic-life

C. AMPHIBIANS

Great Basin spadefoot toad
 Pacific tree frog
 Western toad
 Spotted frog

Scaphiopus intermountanus
Hyla regilla
Bufo boreas
Rana pretiosa

Insects
 Insects
 Insects
 Insects

D. REPTILES

1. Lizards
 Collard lizard
 Leopard lizard
 Sagebrush lizard
 Western fence lizard
 Side-blotched lizard
 Short-horned lizard
 Great Basin skink
 Great Basin whiptail
 2. Snakes
 Desert striped whipsnake
 Great Basin gopher snake
 Common garter snake
 Western terrestrial garter snake
 Great Basin rattlesnake

Crotaphytus collaris
Crotaphytus wislizeni
Sceloporus graciosus
Sceloporus occidentalis biseriatus
Uta stansburiana
Phrynosoma douglassi douglassi
Eumeces skiltonoma utahensis
Cnemidophorus tigris tigris
Masticophis taeniatus
Pituophis melanoleucus deserticola
Thamnophis sirtalis fitchi
Thamnophis elegans vagrans
Crotalus viridis lutosus

Insects, spiders, smaller reptiles
 Insects, spiders, ants
 Insects, spiders, ants
 Insects, spiders, ants
 Insects, spiders, ants
 Insects, spiders, ants
 Insects, spiders, ants
 Insects, spiders, ants
 Insects, spiders, ants

Lizards, small rodents
 Lizards, frogs, birds, small rodents
 Lizards, frogs, birds, small rodents
 Lizards, frogs, birds, small rodents
 Rodents, rabbits, birds, frogs

Oregon BLM Lakeview Dist.

JUNIPER MOUNTAIN PLANT LIST - PHENOLOGY

<u>SCIENTIFIC NAME</u>	<u>COMMON NAME</u>	<u>SYMBOL</u>	<u>Starts Growth</u>	<u>Flowers</u>	<u>Seed Ripe</u>	<u>Regrowth if Grazed to:</u>	<u>Reproduced by Rhizomes</u>
<u>Agropyron cristatum</u>	Crested wheatgrass	Ager	3/1	6/10	7/15	5/15	
<u>Agropyron spicatum</u>	Bluebunch wheatgrass	Agsp	3/15	6/10	7/20	4/15	
<u>A-Bromus brizaeformis</u>	Rattlesnake chess	Brbr	3/10		6/20		
<u>A-Bromus japonicus</u>	Japanese chess	Brja	3/10		6/20		
<u>A-Bromus tectorum</u>	Cheatgrass	Brte	3/15	5/15	6/10		
<u>Carex spp.</u>	Sedge	Carex		5/15	6/25		yes
<u>Danthonia unispicata</u>	One spike oatgrass	Daun			7/15		
<u>Elymus cinereus</u>	Giant wildrye	Elci	3/25	6/20	8/1	5/15	sometimes
<u>Elymus triticoides</u>	Creeping wildrye	Eltr	3/20	6/15	7/20	5/15	yes
<u>Festuca idahoensis</u>	Idaho fescue	Feid	3/10	6/10	7/15	5/1	
<u>A-Festuca octoflora</u>	Six-weeks fescue	Feoc	3/10	5/25	6/15		
<u>Hordeum jubatum</u>	Foxtail barley	Hoju	3/20	6/15	7/5	5/1	
<u>Juncus spp.</u>	Rush	JUNCU					yes
<u>Koeleria cristata</u>	Junegrass	Kocr	3/1	5/15	7/10		
<u>Melica bulbosa</u>	Oniongrass	Mebu			7/15		
<u>Oryzopsis hymenoides</u>	Indian ricegrass	Orhy	3/25		7/15	4/15	
<u>Oryzopsis webberi</u>	Webbers ricegrass	Orwe			7/1		
<u>Poa cusickii</u>	Cusick bluegrass	Pocu	3/15	5/20	7/5	4/10	
<u>Poa nevadensis</u>	Nevada bluegrass	Pone-1	3/15	5/25	7/10	5/1	
<u>Poa pratensis</u>	Kentucky bluegrass	Popr	3/15	5/25	7/15	5/1	
<u>Poa secunda</u>	Sandbergs bluegrass	Pose	3/1	5/5	7/1	4/10	
<u>Sitanion hystrix</u>	squirreltail	Sihy	3/1	6/5	7/15	5/10	
<u>Stipa comata</u>	Needle-and-thread	Stco	3/15	6/15	7/15	5/1	
<u>Stipa spp. (thruberiana)</u>	Needlegrass	Stipa	3/5	6/10	7/15	5/1	
<u>Achillea millefolium</u>	Common yarrow	Acla			8/1		
<u>Agoseris spp.</u>	Mountain dandelion	Agose		5/10	6/10		
<u>Allium spp.</u>	Wild onion	Alliu					

GRASSES & GRASSLIKE PLANTS

FORBS

FORBS (Cont.)

SCIENTIFIC NAME	COMMON NAME	SYMBOL	Starts Growth	Flowers	Seed Ripe	Regrowth if Grazed to:	Reproduced by Rhizomes
Amsinchia tessellata	Annuals - dry	Amte					
Antennaria spp.	Fiddleneck	Anten		5/10	6/10		
Aster spp.	Pussytoes	ASTER					
Astragalus spp.	Milkvetch - Loco	ASTRA		5/10	6/10		
Balsamorhiza hookeri	Balsamroot	Baho		5/20	6/20		
A-Castilleja spp.	Indian paintbrush	Caan		5/20			
Chaenactis douglasii	False yarrow	Chdo					
Cirsium spp.	Thistle	Cirsi					
Crepis spp.	Hawksbeard	Crac	4/1		6/10		
Delphinium spp.	Larkspur	Delph	3/10	5/10	6/10		
Erigeron spp.	Fleabane (Wild Daisy)	Erige		5/20			
Eriogonum spp.	Buckwheat	Eriog					
A-Erodium cicutarium	Filaree-Storksbill	Erci-1		5/10			
Iris missouriensis	Wild iris	Trmi					
Iva axillaris	Poverty weed	Ivax					
Lactuca spp.	China lettuce	LACTU					
A-Lepidium spp.	Peppergrass	Lepid					
Lomatium spp.	Biscuitroot-carrot-top	Lodi		5/1	6/15		
Lupinus spp.	Lupine	LUPIN		5/1	7/10		
Lygodesmia spp.	Skeletonplant	Lygod					
Melilotus spp.	Sweet clover	Meli					
Mimulus guttatus	Monkey flower	Migu					
Oenothera spp.	Evening primrose	OENOT					
Penstemon spp.	Penstemon	Penst					
Phlox spp.	Phlox	PHLOX		5/15	6/15		
Polygonum douglasii	Knotweed	Podo					
Ranunculus spp.	Buttercup	Racy		4/15	5/15		
Salsola kali tenuifolia	Russian thistle	Saka					
Senecio spp.	Groundsel	Senec					
A-Sisymbrium altissimum	Tumblemustard	Sial					
Taraxacum officinale	Dandelion	Taac					
Trifolium spp.	Clover	Trifo	4/15	6/1			

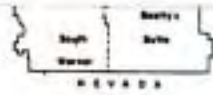
FORBS (Cont.)

Veratrum spp.									
Vicia spp.	Veca								
Zygadenus spp.	VICIA								
Mertensia spp.	ZIGAD								
Linium spp.	Meci	5/1	6/1						
Lewisia spp.	Lile		7/1						
Leucocrinium spp.	Lere								

SHRUBS

Amelanchier alnifolia	Amela	5/20	8/15?						
Artemesia arbuscula	Arar-1	4/1	9/15?						
Artemesia cana	Arca-1								
Artemesia spinescens	Arsp	5/20	6/20						
Artemesia tridentata	Artr-1	3/15	10/1?						
Atriplex confertifolia	Atco-1	4/1	6/20						
Chrysothamnus vicidiflorus	Chui-1	4/15	10/15						
Eriogonium spp.	Eriog	6/20	7/25						
Eurotia lanata	Eula								
Grayia spinosa	Grsp	3/20	6/20						
Holodiscus dumosa	Hodu								
Juniperus spp.	Juoc								
Purshia tridentata	Putr	4/15	7/20						
Ribes spp.	Ribes	5/15	7/20						
Rosa spp.	Rosa	7/1	8/15						
Sarcobatus vermiculatus	Save	4/1							
Symphoricarpos spp.	SYMPH	5/1	8/15						
Tetradymia spp.	TETR	7/1							
Cercocarpus spp.	CEANO	6/20							
Sambucus spp.	SAMBU		7/15?						
Prunus virginiana	PRUNUS		8/15?						

A = Annuals



- = Fair H₂O
- = Opportunity to develop Good
- = Boundary fence of or w/ owner
- = Present cross-fence
- = Fence marked to enclose Area
- = Good Present H₂O

22E

R.23E.

R.24E.

6/12/22

