

1906

Aug. 1. - Nov. 16

Oklahoma

New Mexico

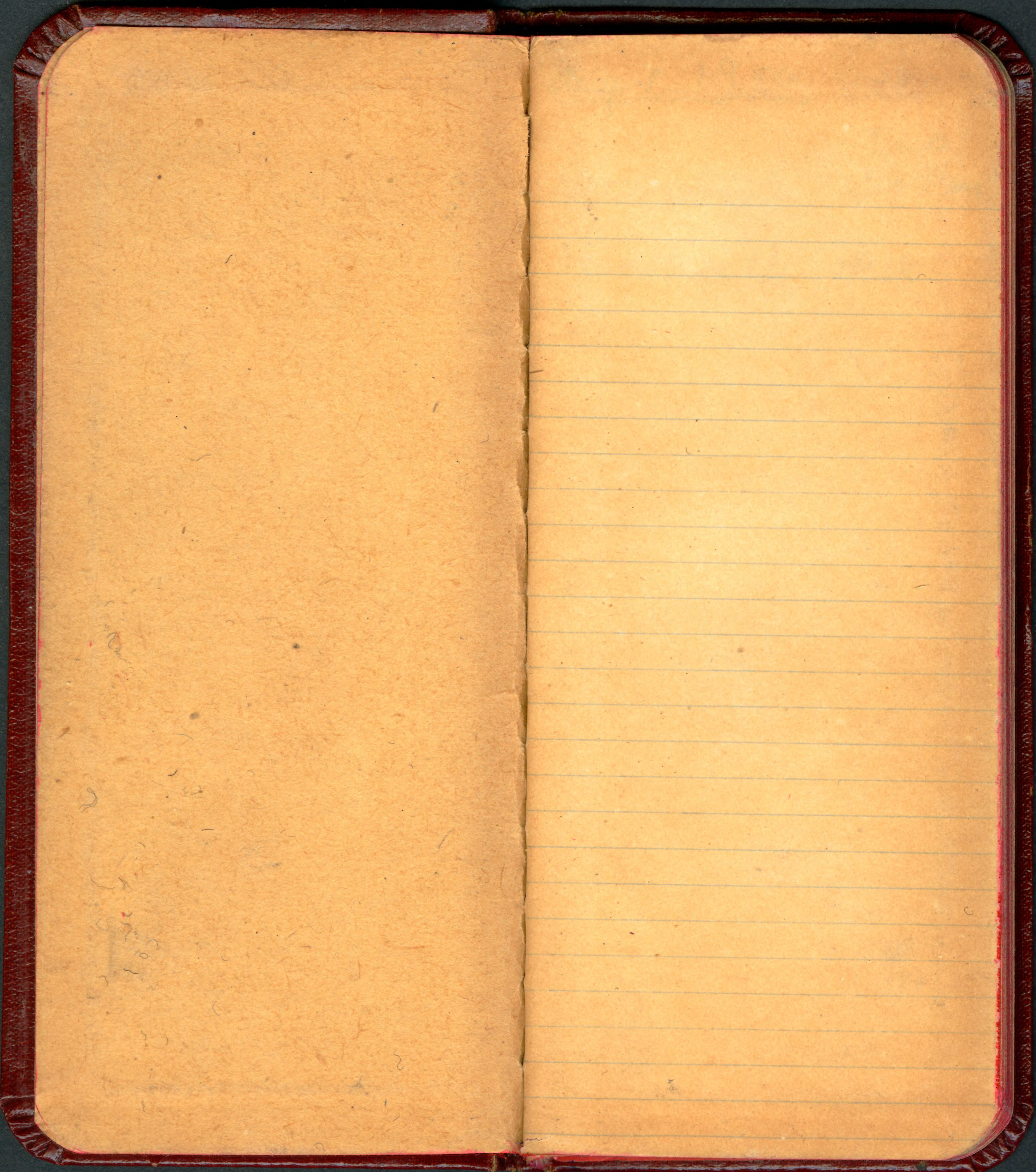


1407  
9  
54

Vernon Bailey,  
U. S. Dept. of Ag  
1834 KALORAMA AVE.

1906,  
Vernon Bailey,  
U. S. Dept. of Ag  
1834 KALORAMA AVE.







Aug 1, 1906

C + O

Left Washington 4.30 PM

Charlottesville, dark



Aug. 3

Springfield, Mo. 7 AM  
slightly rolling country  
all cultivated, rich soil &  
crops.

Apples - abundant, full of fruit  
Peaches - common good  
Blue plums, a few  
Corn abn., good.  
Wheat stacks  
Timothy & clover, good  
Tomatoes good  
potatoes "  
Beans  
Milk 1 field  
Pear 1 young orchard

Amara

town grade to  
Monett

Plowing stubble fields  
Tyrannus tyrannus 3  
Sturnella abn  
Zenaidura com  
Uruba virens 3  
Quiscalus 1

Springfield

Quercus micilanthica? (naga) abn.  
" bur oak  
" red oak & post oak

Hickoria  
Ulmus fulva  
Acer  
Juglans nigra  
Saspar com, on grove  
Betula sp. "  
Rhus  
Sambucus com  
Gleditsia triacanthos? "

Solidago com in places  
Helianthus "  
Lysichiton "  
Veronica "  
Celastris scandens "  
Monarda "  
Phytolacca  
Monett

Prunus  
Catalpa  
Acer  
Ulmus americana  
Morus  
Fraxinus



Monett

Platyrus com.  
vitis abn.  
oats in shock, a few  
Cyanocitta cristata 1  
Passer domesticus, com.  
Ardea vires 3  
Crows brachyphala, 1

Suaeda fruticosa

Circus

Thosha

Wyndotte

Thosha R. Grand R.

Nelumbo luteum, pond full

Agelaius 40 in marsh  
Sturnella 7  
Zenaidura com  
Colaptes 1  
Cathartes 4

big prairie

Apton

Corn

wheat

Hay

Baptisia abn.

P. talostemon com

Amorpha canescens 1

E. scipiadosa 1

Vinita

mainly prairie  
timbered ridges in distance

Zonotrichia 3  
Agelaius 1 ♂ at pond

Falco sparverius 1  
baling wild hay

big corn

Betula along stream

Acer "

Salix nigra "

Chelsea

mainly prairie

Coreopsis - acres of it

Claremont

Mimus polyglottos 1  
Tyrannus tyrannus 2

Woods along valley

River

Colinus virginianus 1

Cotton field in Missouri, first

Botulink 1

Prairie

P. trochiloides 50

Melospiza cythrocephala 1

Mimus 2

Cuckoo 2



Coal spit down  
Zulsa

Arkansas R

Cotton fields  
oil wells

Red Fork

post oak & prairie country

Milvulus 1

" ? 5

Mimus 1

Sapulpa dinner

Cotton

Corn

Sorghum

Cattails - good

Kellyville

Babwinia 2

Passiflora

Cotton fields com

Milvulus 2

Bristoe

Strout

Cots of cotton

Chardis loads of peaches

Euphorbia waxygata com

Indigo bird 2

Wellston

Cyanocitta 1

Tyrannus tyrannus 2

Red head 1

Feathered vulture com

Crested

Purple prairie lily

Timothy hay

Luther

Petrochelidon - hundreds

Millet

Corn

Cotton

alfalfa 1 field

Sorghum

Cottonwood com

Zonotrichia 2

Crows 1

Milvulus 1

Geomys hills - first

sandy soil scrub oak

Night hawk 3

Martens 20

Spencer

Blackbirds - flock

Geomys hills

Brookgreen



Cardinal 1  
 Nighthawks 10  
 Martins 2  
 Kingbirds com  
 Martins in town com

Oklahoma City - 7 P.M.

Hotel Rasbach

Aug 4, Left Oklahoma 10 AM

Elm  
Cities

Corn Peaches, fine  
 Wheat Apples, a few  
 Grass  
 Zinnias com

Mimms 1  
 Red head 2  
 Starling com  
 Oriole 1  
 Scissortail 1  
 Night hawk  
 Red b. colinus 1  
 Shrike 1  
 Tyrannus tyrannus com  
 Blackbirds 1

Wheatland open prairie

Scissortail 2

Oriole 1

Group birds 1

Lyraea glauca  
 Prairie lily, big blue

Cotton fields, a few  
 Sorghum com  
 Kaffir corn com  
 Alfalfa a few  
 Corn com

Wheat fields, obs. big plowed.

Mustang prairie

Cottonwood along road  
 Mimms coccinifolia 1  
 Cilia 1  
 Pear 1  
 Crows 1  
 Jays 1  
 Hawk + Magpie 1

Congaree River

Populus fremontii com  
 Salix nigra a few  
 + some as above  
 Euphorbia maculata  
 Potamogeton  
 Baptisia  
 Falco sparverius 2  
 Crows 3  
 Cuckoo 2  
 Cucurbita



Chickasha

open plains

Laverty

Quail many flocks

Corn & poor cotton

Cement in Keech hills

bushy + scrub oaks

Watermelons - car loads

Fletcher

Cynomys - 20 acres

Edgers

Watermelons car loads

Cynomys 5 acres

Night hawks 2

Buteo swainsoni 1

Fort Sill

Cynomys at stations a few  
Lawton

Cuckoo 1

Scissor tail 7

Opuntia a few patches

Mosquitoes, first

Cochise

Aug. 5 Morrissey's

- Quercus prinoides - bushes abu.
- Quercus laevis? post oak
- " coccinea? black oak
- " Merrilliana? black jack
- Ulmus crassifolia along stms
- Juglans nigra? small
- Populus fremontii, scarce
- Celtis helberii?
- Nyquanda com
- Acer on peaks
- Juniperus "
- Bumelia bushes
- Prosopis glandulosa, com. in valley
- Rhus glabra? com
- " aromatica on peaks
- Fraxinus viridis
- Prunus americana - red plum
- Cornus
- Cephalanthus
- Amorpha canescens
- Sphaeria
- Hoffmannseggia
- Mimosa
- Petalostemon violaceus
- " white
- Dismodium



- *Ceanothus americanus* com
- *Prunus*
- *Vitis* <sup>mustang</sup> <sup>geocarpium</sup>
- " <sup>tree grape</sup>
- ~~*Celastrus scaber*~~
- *Ampelopsis quinquefolia*
- *Smailax*
- *Ulmus fulva* com
- *Galix*
- *Symphoricarpos* com
- *Morus rubra*
- *Diospiros* <sup>blackberry</sup>
- *Rubus* <sup>blackberry</sup>
- " <sup>black cap</sup>
- *Rhus toxicodendron*
- *Crataegus*
- " <sup>"</sup>
- ~~*Veronica*~~
- *Ambrosia*
- *Coccoloba*
- *Wyethia*
- *Achillea*
- *Galliardia*
- *Sylphium laciniatum*
- *Grindelia*
- *Rudbeckia*
- *Cnicus*
- *Centura*
- *Asterina ludoviciana*
- *Solidago*
- *Chrysothamnus*

Wichita Res.

Aug. 4 to

- *Columba texensis* com. yg.
- *Zenaidura* a few
- *Cathartes* com
- *Buteo?*
- *Accipiter cooperi* 2+ nest
- *Icthyophaga mississippiensis* com
- *Chordeiles* "
- *Corvus brachyrhynchos* "
- *Sturnella* "
- *Spizella socialis* 1
- ~~*Ardea*~~
- *Spiza americana* 1 ♀ this
- *Pranga rubra* 2
- *Vireo olivaceus* nest
- *Geothlypis phoebe*
- *Thryothorus ludovicianus* nest
- *Thryomanes b.* 2
- *Trochylus colubris* ♀
- *Geococcyx* reported
- *Meleagris*
- *Cortopus richardsoni* <sup>virgatus</sup> a few com
- *Poliaptila* com, yg.
- *Sitta* com
- *Chondestes* com
- *Sialia sialis* com
- *Ceryle alcyon* 1
- *Negascops* heard
- *Mimus* 1



6 wolf pups shot all ♀ but one,  
 2 pups got away. bites killed  
 but not found till later.  
 Dog came back was shot.  
 two pups were shot later in  
 day as they returned & howled  
 tracks of one old & 2 yg.

Aug. 10

3 poisoned in July.

- *Gilia aggregata*
- "Thardiscantoides"
- *Baptisia*
- *Peltanea*
- *Croton*
- *Erethra*
- *Opuntia*
- *Echinocactus*
- *Laba comosa*
- *Psaralea tenuifolia*
- *Oenothera*
- *Gaura*
- "
- *Solanum rostratum*
- "
- "
- *Yucca*

*Cardinalis* 2 ♂  
*Quirica* 1 ♂  
*Cyanospiza cyanea* old & young  
*Melanerpes formicivorus* 2  
*Parus carolinensis* com  
*Zenaidura macroura* 1 shot  
*Eremophila alpestris* com  
*Melospiza* 15 at Cache

*Crotalus texana* ?  
*Agkistrodon contortrix* 1  
*Natrix* com  
*Basiscarium* 2

*Crotaphytus collaris* com  
*Sceloporus* small, 1  
*Eumeces* blue tail 2

*Centipede* 1 large  
*Myriapoda* large, abn.



Aug 10 ~~Mountain Park~~

10 AM 2600

Cache 2300

Snyder 2400

Aug 11 Snyder 8:30 AM  
2350

Mountain Park

Mesquite abu

Short grass

Past oak around rock

Black jack

Euphorbia marginata abu

Helianthus annuus

Agave along stream

Ulmus crassifolia

Grape vines

Sabice nigra

Populus fremontii

Juglans nigra, small

Celtis on rocks

Bumelia

Rhus glabra

Roosvelt 2450

open plain, less mesquite

no mesquite

Hobart 2500

Divide (4 mi. N.) 2600

Snyder Aug 11

Cotton abu

Corn com

Grain stacks & stubble

Sorghum & Caffecorn com

Melons

Roosvelt

Alfalfa several fields

Cotton

Corn

Milo maize

Caffecorn

Grain

Less mesquite, all plains

Hobart

all plains, buttes to west

as far as one can see

same crops

Rocky

same crops

a few peach orchards on fruit

all prairie

Corn nearly ripe, cut by hand

Cardell

same

Bessie



Chintan

Washita River

(narrow line of timber)

- Populus fremontii com
- Ulmus crassifolia "
- Salix nigra "
- Juglans nigra, dwarf "
- Post oak a few
- Arceuthobium ditto 2550

Same trees along stream  
 All high grass prairie  
 good crops, same kinds  
Custer City 2800

Millet - com -

No cotton

Corn

grain

peaches

Wheat

Cattle corn

high prairie, short grass

Thompson 2775

one small cotton field, good

Canadian R. 2600

high, red mud, much drift

Populus fremontii along R.

Salix nigra "

Ulmus crassifolia "

Quercus tex - post oak, along R.

Juglans nigra "

Juniperus virginiana? "

Cereus "

Fraxinus viridis "

Aster multiflorus on sands

Yucca glauca "

Post oak "

Black jack "

Fay

Quercus prinoides scrub

Black jack "

Post oak "

Cotton 2 fields, poor.

" a few more "

Eagle City 2750

River

Group hills

Carlton

scrub oak country

Plaster mill & gypsum hills

Mesquite - com. scattered along

Buprestis long. small, red fruit, com.

Prairie dog, old holes

Mesquite to

Barrows 2350

Mesquite scattered

Prairie dog holes old

Screeching owl 1



muskrats in creek.  
 lots of grain & corn  
 no cotton  
Opuntia  
 Mesquite, a little near town.

Cimarron R. 2300

wide sand flats -

Artemisia filifolia - on sand

Rhus crassifolia along stream

Populus fremonti "

Salix nigra "

Past oak "

Black jack "

Walnut "

young hills com

Corn abu

Grain "

one small cotton field

Ames - scrub oak

Peaches good

Apples "

Grapes "

Corn ocean of it

Coffy corn com

Sunflower 2300

all prairie

Erud

Shattuck Aug. 12  
 out to Swamby Lake, 5 mi.

Populus fremonti com.

Salix nigra "

Rhus crassifolia "

Celtis "

Sapindus "

Negundo in yard

Prunus abu

Rhus aromatica "

Vitis mustang "

" the grape com

Artemisia filifolia abu.

" holovici abu

Cephalanthus com

Euphorbia marginata "

Croton "

Helianthus annuus abu

Solidago "

Grundelia "

Celastris sc com

Veronica "

Mentzelia "

Opuntia a few

Galliardia com

Callascoe a few

"Blue lily" com

Scirpus lacustris "

Typha latifolia "



*Glycerhiza lepidota* com  
*Anaspta carolinensis* "  
*Schrankia* "  
*Hoffmannseggia* "  
*Baccharis*

*Diaperas* said to be  
 common on Canadian R.  
 south of here

Cotton gives at all times  
 Broomeham, best crop  
 \$50 to \$100 a ton  
 Corn, common & good  
 grain, com.

*Phrynosoma*, squashed blood,

Bull frogs com  
 Entombla "

Statutes

*Cervus*, Elk used  
 to be here, horns found &  
 signs seen in 1886.  
*Odocoileus macrourus*, obs.  
 a few years ago, now on Canadian  
 River south of here

*Ontelope* a few <sup>months</sup> ago  
*Cynomys* com

*Citellus spilosoma* breed  
*Castor* com

*Fiber* "

*Geomys* "

*Vipera* *alber* 1

" *texensis* 1

*Canis griseus*, once obs.

" *ubrasensis* com.

*Procyon* "

*Mephitis* "

*Spilogale* 1

*Scalopus* com

*Sciurus ludo.* a few

*Neotoma microps* "

*Lynx* "



Aug. 15

Shattuck 3, a.m.

♂ east tail 1  
Pampa

Washburn

Fairy ring - 50 feet across  
Amariho 7 1/2

Mesquite, full of beans  
Canadian R.

Prairie

Calamospiza 6 flocks 20-100  
Channing

Sulbert

Curlen heard in night.

Aug. 14

Lucmeari

Santa Rosa

Mesquite up to rim of plains  
Pastura

Open plains

Loneita

Open plains

Santa Fe crossing

Scrubby live oak

nut pine

Juniper

Open plains again.

~~Salt springs and hills~~

Nut pine abn

Juniper a

Yellow pine top & cold slopes

Scrub live oak

Duram

Yellow pine on hills to west

Opuntia arborescens abn on plain

Gutierrezia abn

Helianthella "

Torrenee

Open plain,

Opuntia arborescens c

Gutierrezia abn. in flower

Helianthella abn



Willard

Salt Basin & salt ponds

*Atriplex canescens* abn.

*Estameia* dimer

same kind of valley

Morality

*Dipodomys spectabilis* nests, com

*Gutierrezia* abn

*Eurotia lanata* com

good soil, good grass in places

Corn a little, peas

Cappuccin corn " "

*Opuntia arborescens* abn

Canada

Santa Fe

Aug. 17

Santa Fe,

Esparola

Aug. 17. Esparola

*Populus fremontii*

*Salix nigra*

*Rhus trilobata*

*Bigelovia* green

" " gray

*Scirpus torus* in blossom

*Satura* fig, "

*Falugia paradoxica* com

*Cotton* "

*Opuntia arborescens* & others "

Aug. 20 up Santa Clara Camp

*Juniperus monosperma* abn

" *scopulorum* a few

*Pinus edulis* com

*Salix nigra* above creek "

" *cardata* "

*Populus angustifolia* "

*Regulus* a few

*Illinus* "

*Betula occidentalis* "

*Ribes cereum* "

" black "

*Bigelovia canescens* fig com

" small green, "

*Falugia* "

*Rhus trilobata* "

*Opuntia arborescens* "



*Opuntia engelmannii*, small com  
*Yucca angustifolia* "

12 miles up canon

*Quercus gambelii* com

" *grisea?* (S. slope) a few

*Pinus ponderosa* com

in canyon on N slopes

*Populus angustifolia*

*Cercocarpus parvifolius*

*Berberis "spatulata"*

*Yucca baccata*

Camp 15 miles up

Aug. 21

Moved camp 2 miles up canyon

Aug 22, Remained at camp

Aug. 23

*Neotoma fallax* 3

*Thomomys f. californicus* 1

*C. grammurus* com

*S. aberti* "

Up canyon one mile

*Cleome*

*Gilia aggregata*

*Pentstemon ruber*?

*Malvastrum munroanum*

Aug 23. 18 mi. from Espanola

*Acer glabrum*

*Abies concolor*

*Picea pungens*

*Pseudotsuga*

*Betula occidentalis*

*Alnus*

*Prunus* chokeberry

*Solanum tuberosum* abn

*Sambucus*

*Holodiscus*

*Populus tremuloides* (1 mi. above camp)

*Pseudotsuga monophylla*

*Amelanchier canadensis* a few

*Cornus asperifolia*

*Ribes*

*Hops*

*Viola canadensis*

*Orealis violacea*

*Aralia* spikenard

" *cobosh* 8000

*Geranium* red "

" pink "

*Rosa* "

*Senecio* "

*Fragaria* enough "



*Chenatis*  
*Aster* *lanceolatus*  
*Antennaria*  
*Allium*  
*Oenothera biennis*  
 " *pink*  
*Achillea millefolium*  
 " *frigida?*  
*Monarda*  
*Thalictrum*  
*Compositae*

*Candytuft* 7500-8000  
*Verbena*  
*Verbascum*  
*Ambrosia* *small*  
*Gnaphalium*  
*Polygonum*  
*Chenopodium* 3  
 " *maritima* "  
*Keiskeia*  
*Helianthus*  
*Molvastrum*

Aug. 26. Sunday  
 up through canyon + back

Aug. 27  
 up above Canyon to 9000 ft  
*Populus angustifolia* - 8000  
*Betula occidentalis* - 8000  
*Rubus nutkanus* 8000-Top  
*Aster* *big* 8400-  
*Veratrum viridum* 8500-  
*Pachystima*  
*Juniperus procumbens* 8500-Top  
*Fragaria glauca*  
*Arctostaphylos uva-ursa*



Aug. 28 <sup>goat</sup> hp Peak

<i>Picea engelmannii</i>	top
<i>Abies lasiocarpa</i>	"
<i>Rubus nutkanus</i>	"
<i>Spiraea</i>	"
<i>Limonium</i>	8500 - 10000
<i>Vaccinium</i>	top
<i>Pachystima</i>	"
<i>Chimaphila umbellata</i>	"
<i>Pyrola</i>	"
<i>Aconitum</i>	"
<i>Streptopus</i>	"
<i>Aralia</i>	end of slope
<i>Mertensia</i>	
<i>Fragera</i>	
<i>Viburnum canadense</i>	
<i>Ferns</i>	2
<i>Ribes</i>	mostly 9000 - 10000
<i>Lonicera involucrata</i>	9000 - 10000
<i>Physocarpus</i>	- 10000 NE
<i>Juniperus communis</i>	to top
<i>Saxifraga bronchialis</i>	N.E. 9000 - 10000
<i>Pseudotsuga</i>	- 10000 NE
<i>Pinus flexilis</i>	- 10000 NE
" <i>ponderosa</i>	
<i>Acer glabrum</i>	- 10000 NE
<i>Sambucus</i>	" "
<i>Salix</i>	blue stem
<i>Shepherdia canadensis</i>	- 10000

On top - 10400 feet goat Peak

<i>Populus tremuloides</i>	
<i>Picea pungens</i>	SW
" <i>engelmannii</i>	NE
<i>Abies lasiocarpa</i>	NE
<i>Aster</i>	fls SW
<i>Senecio</i>	3 SW
<i>Composita</i>	"
<i>Achillea</i>	"
<i>Fragera</i>	"
<i>Zygadenis</i>	"



~~Santa Clara~~  
 Sept. 4 Up James Peak

	11000		
Pieris purpus dwarf	on top	Pseudotsuga	-1000 SW
Ribes oxycanthoides	"	Abies concolor	
" blue	"	" arizonica	
Rhododa	"	Picea engelmanni	
Pentstemon	"	Populus	-10500 SW
Orthocarpus ?	"	Pinus flexilis	" "
Cymopterus	"	Acer glabrum	-1000 "
Companula	"	Physocarpus	" "
Antennaria	"	Sunewo	leg - " "
Mertensia ?	"	Geranium	ped - " "
Achillea	"		
Graba	"		
Aster ?	"		
Solidago	"		
Sunewo	"		
Potentilla	"		
Antennaria	"		
Sibaldia procumbens ?	"		
<del>Fragaria glauca</del>	"		
Grass	"		
Sambucus	"		
Fragaria	leg		
Aquilegia cuneata	10000 -		
Schwaertia	"		



Sept. 5. to San Antonio Valley

Camp 8500.

Sept. 6, up Pecos Peak to 11200

- Ribes sanguineum to top
- " ophyanthoides "
- Draba "
- Fragaria & laevis "
- Solidago "
- Aster or Erigeron "
- Helianthus? Wyethia big "
- Achillea "
- Antennaria "
- Companula "
- Potentilla 2 "
- Pentstemon "
- Fragaria big "
- Sambucus "
- Quercus "
- Some grass soon Santa Clara Rk.
- Lycium pungens "
- " engelmannii "
- Abies arizonica "
- Saxifraga "
- Vaccinium microphyllum to 11000
- Pachystima "
- Lonicera involucrata "

Valle Santa Rosa, 8500 feet

meadows plants

- Schwertia
- Gentiana ( closed,
- " "
- Parnassia
- Cathocarpus white
- Ranunculus
- Potentilla cuneata?
- Polemonium big, scented,
- Hyssopus
- Saxifraga
- Paranthesis fruticosa
- Aster
- Rumex
- Achillea
- Pentstemon
- Mimulus
- Trifolium white
- Timothy
- Red top
- Companula uniflora blue
- " "
- Geranium pale



Sept. 5. to San Antonio Valley

Camp 8500.

Sept. 6, up Pinedo Peak to 11200

- Ribes sanguinum to top
- " ophyanthoides "
- Draba "
- Fragaria glauca "
- Solidago "
- Aster or Erigeron "
- Helianthus? Wyethia big "
- Achillea "
- Antennaria "
- Companula "
- Potentilla 2 "
- Pentstemon "
- Fragaria big "
- Sambucus "
- Amaria "
- Some grass seen Santa Clara Mts.
- Lycium pungens "
- " engelmannii "
- Apies arizonica "
- Saxifraga "
- Vaccinium microphyllum to 11000
- Paehystera "
- Lonicera involucrata "

Valle Santa Rosa, 8500 feet

meadows plants

- Schwertia
- Gentiana (
- " closed,
- Parnassia
- Orthocarpus white
- Ranunculus
- Potentilla cuneata?
- Polemonium big, scented,
- Hypocnemum
- Saxifraga
- Potentilla fruticosa
- Aster
- Rumex
- Achillea
- Pentstemon
- Mimulus
- Trifolium white
- Timothy
- Red top
- Companula uniflora blue
- " "
- Geranium pale



Sept. 8

Down James Cr. to S. Fork  
to 7700 feet

Sulphur sp. road

Sept. 9 To James Cr. <sup>near</sup> Pueblo

Juniperus & Nut pines to 7000 SW.

Populus angustifolia 7000 cotton

Salix nigra along cr.

James Springs

Ptelea tripartita

Forsteria

Aquilegia gresea?

Atriplex canescens

Opuntia arborescens

" engelmanni?

Populus fremontii

Cleome

Fallugia

Lysium pallidum

Helianthus annuus

Gravelia

Helianthella

Yucca rigida

Malvastrum munroanum

Senecio douglasii

Rhus aromatica

Ribes cereum

" (Hondo)

Ampelopsis

Croton texensis

Sept. 10

To Pueblo & San Ysidro 10 mi

Juniperus 2

Pinus edulis

Sarcobolus

Atriplex canescens

Suaeda

Cleome

Umbrosia

Glycerhiza

Cister

" multiflora purple

Corn

Alfalfa

Wheat

Beans

Chili

Squash

Melons 2

Grapes

Peaches

apples

Nectarines

small

Scleropus

Pteris longica beardleyi 1

Pistia longica beardleyi

Crotaphytus beardleyi

Cnemidophorus



Sept 11 San Yacobe &  
Soda Springs

Sarcobatus

Atriplex canescens  
metallii  
confertifolia

Suaeda

Salicaria

Opuntia arborescens

Rio Salada

Chuco Tank

Neotoma micropus

Perodipus

Dipodomys spectabilis

Onychomys

Lepus arizonae

p. texensis

Canis latrans

Taxidea

Cynomys gunnisoni

Sept 12

To Cabezone

Puere valley to Joan Topoya

Salazar Sept. 13.

Joan Topoya

Hononys aureus

Dipodomys spectabilis

Perodipus

Perognathus

Onychomys pallidus

Neotoma crawfordi

Citellus grammurus

Neotoma

Cynomys gunnisoni

Taxidea

Canis latrans

Lepus arizonae

Juniperus monosperma

Pinus edulis

Quercus grisea

" gambelii

Pinus ponderosa

Populus fremontii

Gutierrezia euthamiae

Helianthus annuus

Helianthus

Opuntia arborescens

" clavata

" engelmannii

Yucca glauca.



Sept. 14 Joan Topoya  
to Cebollita Cr.

Sept. 15 to Laguna

*Populus fremonti*

*Pinus edulis*

*Juniperus novosperma*

*Rhus trilobata*

*Atriplex canescens*

"

" - annual.

*Suaeda*

*Helianthus annuus*

*Gravillia*

*Bigelovia* gray + green

*Senecio douglasii*

"

*pitifolia* (1005)

*Gutierrezia euthamiae*

"

*grandiflora*

*Aphelocoma tortifolia*

"

*Aster*

*Baccharis*

*Artemisia filifolia*

"

*Cnicus*

*Xanthum*

*Ambrosia*

*Eurotia lanata*



*Cleome integrifolia*  
*Eriogonum* 2  
*Mentzelia*  
*Malvastrum nummularium*  
*Verbena bracteosa*  
*Fallegia paradoxa*  
*Opuntia deborensis*  
" *clavata*  
" *englemanni*, little  
" *white opuntia*  
" *fine white opuntia*  
*Yucca glauca*  
*Gysseum pallidum*  
*Sida foenosa*  
*Achragalus* 2  
*Plantago patagonica*

*Geomys luteus*  
*Neotoma pallax*  
*Peromyscus*  
*Perognathus* 2  
*Perodipus*  
*Lepus arizonae*  
  
*Cynomys*  
*Canis*  
*Taxidea*



Sept 20 Laguna to San Mateo

Cubero

- Salix nigra*
- Rhus aromatica*
- Sarcobatus*
- Atriplex canescens*
- Eurotia*
- Gutierrezia*
- Bigelovia* gray
- Opuntia arborescens*
- " *clabata*
- " *engelmanni minor*
- Yucca angustifolia*
- Juniperus monosperma*
- " *pachyphloea*
- Pinus edulis*
- Helianthus annuus*
- " *laevidata*
- Quercus grisea*
- Falugia*

Sept 21 up San Mateo

- Quercus gambelii*
- Pinus ponderosa*
- Nequede*
- Salix cordata*
- " *"albaticata"*
- " yellow
- Clematis*
- Alnus*
- Picea pungens* - top
- Gilia aggregata*
- Pulsatilla*
- Berberis*
- Ceanothus*
- Rosa*
- Cornus asperifolia*
- Senecio ~~laevis~~ *maritima**
- Aster* polidul
- Chokeberry*
- Amelanchier*



up San Matias.

- Populus tremuloides 7000-10000
- Pseudotsuga " "
- Acer glabrum " "
- Ribes irriguum " "
- " hondo
- Rubus strigosus -top
- " nutkanus

Cabins 8500

- Wyethia
- Geranium red
- Companula
- Abies arizonica 8400-top
- Juncus red 9200-
- Ribes <sup>spiny berry</sup> 9600-10000
- Holodiscus
- Juniperus communis " top

- Left horse at 9200

- Ribes oxycanthoides 10000-top
- Top of ridge 10000
- Peak 10100!

- Draba
- Potentilla
- Aster
- Solidago
- Achillea
- Companula
- Senecio
- Hemeroc
- Lomara
- Ribes

up San Matias Sep. 27.

- Accipiter velox 2
- Colaptes
- Melanerpes
- Sitta pygmaea
- ~~Parus gambeli~~ psaltria
- Vireo
- Hesperophona 5
- Cyanocitta
- Aphelocoma

- Tialia bairdi
- " arctica
- Dendroica auduboni
- Spizella
- Zonotrichia

- Junco caniceps
- ~~Spizella~~ thryoides 9
- Geothlypis cooperi 2
- Perisoreus gambeli
- Regulus
- Cathartes aura

- Troglodytes 7500
- Loxia
- Sitta nelsoni
- Buteo borealis calurus 4 imm.
- Accipiter striatus
- Troglodytes
- Alcedo gularis
- Hyalocichla
- Aquila 4 at top
- Seiurus
- Melospiza lincolni 8500



San Mateo Mts. Sept 21

- Odocoileus
- Sciurus arizonae
- " fronti
- Eutamias
- Citellus grammurus
- Peromyscus
- Neotoma & Leucosticte
- Microtus
- Thomomys
- Lepus arizonae
- Procyon
- Ursus
- Sorex

Erythronium grandiflorum - P. purpureum 9000  
& dwarf or sp.

- Cynopterus
- Frogara glauca
- Lupinus
- Vaccinium microphyllum

top  
"  
"  
-to

Plant Catalogue 1906

New Mex

- 1000. Quercus <sup>arizonica</sup> grisea live oak  
Santa Clara Canyon, N.M., 15 mi. up
- 1001. Quercus grisea  
Santa Clara Canyon, 15 mi. up
- 1002. Quercus gambelii 17 " "  
Santa Clara Canyon
- 1003. Solanum tuberosum "
- 1004. Aster big purple
- 1005. Senecio? narrow leaf
- 1006. Cleome integrifolia
- 1007. Malvastrum
- 1008. Geranium
- 1009. Pentstemon barbatus
- 1010. Gilia aggregata
- 1011. Caeton tricusis
- 1012. Spiraea or Opulaster

Janey Mts

●  
● 1000 feet



Jamez Mts

Opulaster  
1013. Physocarpus

1014. Ribes <sup>wolffii?</sup> sanguineum

1015. Aster <sup>Senecio</sup> big 8500

1016. ~~Aster~~ <sup>Senecio</sup> big purple 8500

1017. Ribes oxycanthoides? 10500

1018. ~~Rhodola~~ <sup>Clematis</sup> rhodantha 11000

1019. Solidago "

" Solidago "

1020. Grass -

1021. Aster

1022. Antennaria

1023. Senecio

1024. Achillea

1025. Draba

1026. ~~Silvestria~~ palustris?

1027. Patenilla

1028. Silvestria procumbens?

1029. ~~Silvestria~~ <sup>Lygostrogon</sup> aquaticum

1030.

9000 1031. Campanula 11000

1000 1032. Arvaia fendleri "

1033. Pentstemon glaucus "

1034. Myrtensia "

1035. Cymopterus "

1036. Orthocarpus "

Valli Santa Rosa 8500 ft

1037. Polyanthus foliolosissimus

1038. Orthocarpus white

1039. Hypericum parviflorum

1040. ~~Silvestria~~ palustris

Laguna Sept 18.

1041. Baccharis emeryi

" 2. Artemisia filifolia

" 3. " gnaphaloides not here.

4. Aplopappus tortifolia

5. ~~Antennaria~~ <sup>Antennaria</sup> subbarrera?

6. ~~Grindelia~~ <sup>Grindelia</sup>

7. Bigelovia?

8. Aster?

9. Gaillardia

1050. ~~Silphium~~ <sup>Silphium</sup> foliacios bracts

1051. Bigelovia douglasi

" 2. Chrysopsis dissected leaves

" 3. Bigelovia gray

" 4. ~~Chrysothrix~~ <sup>Chrysothrix</sup> grandiflora



Rip San Francisco, N.M.

1055. *Platanus wrightii*

~~1054.~~ Alma, N.M. Oct. 15

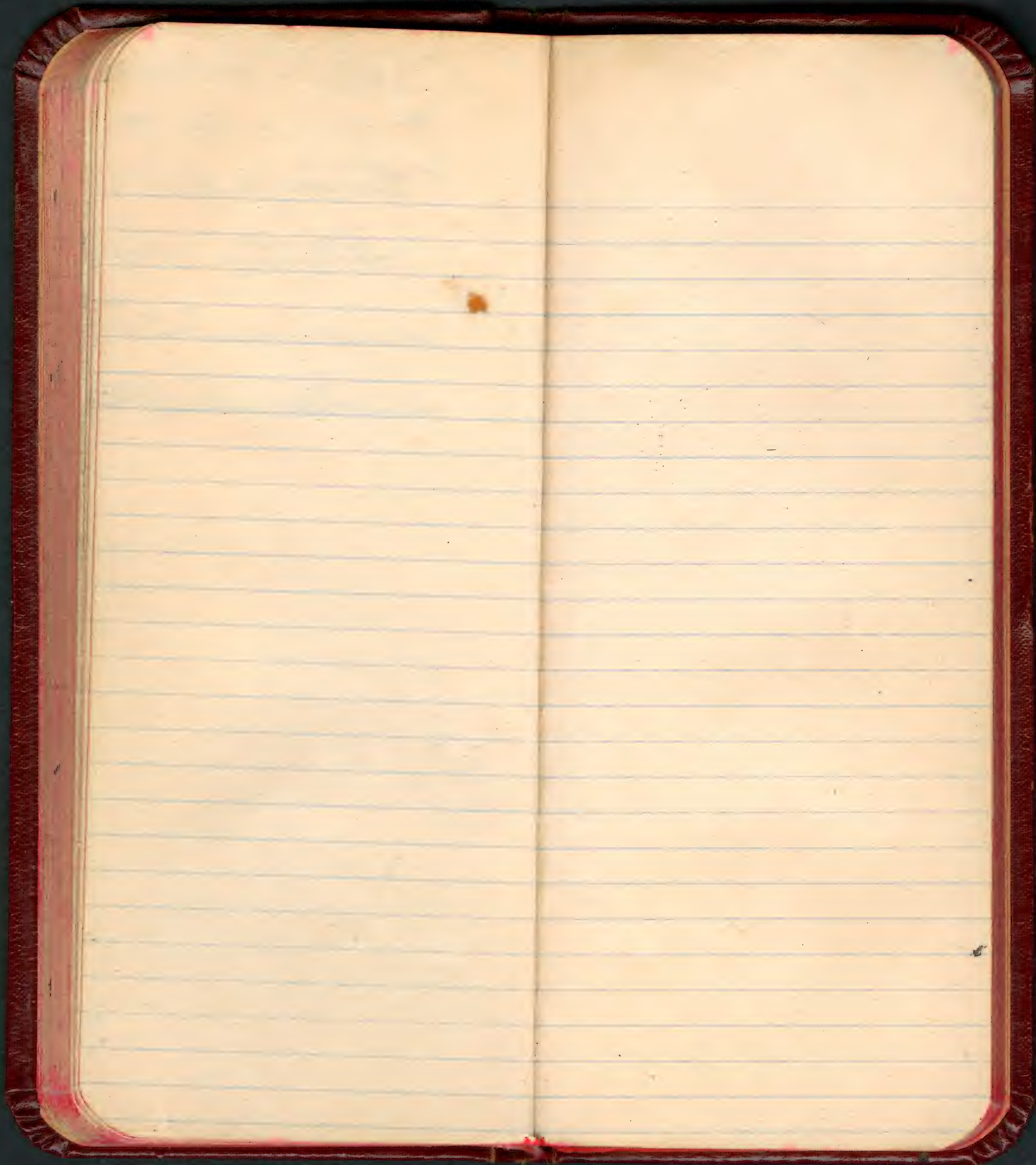
1056. *Populus wislizeni*

" 57. *P. acuminata*  
~~*angustifolia*?~~

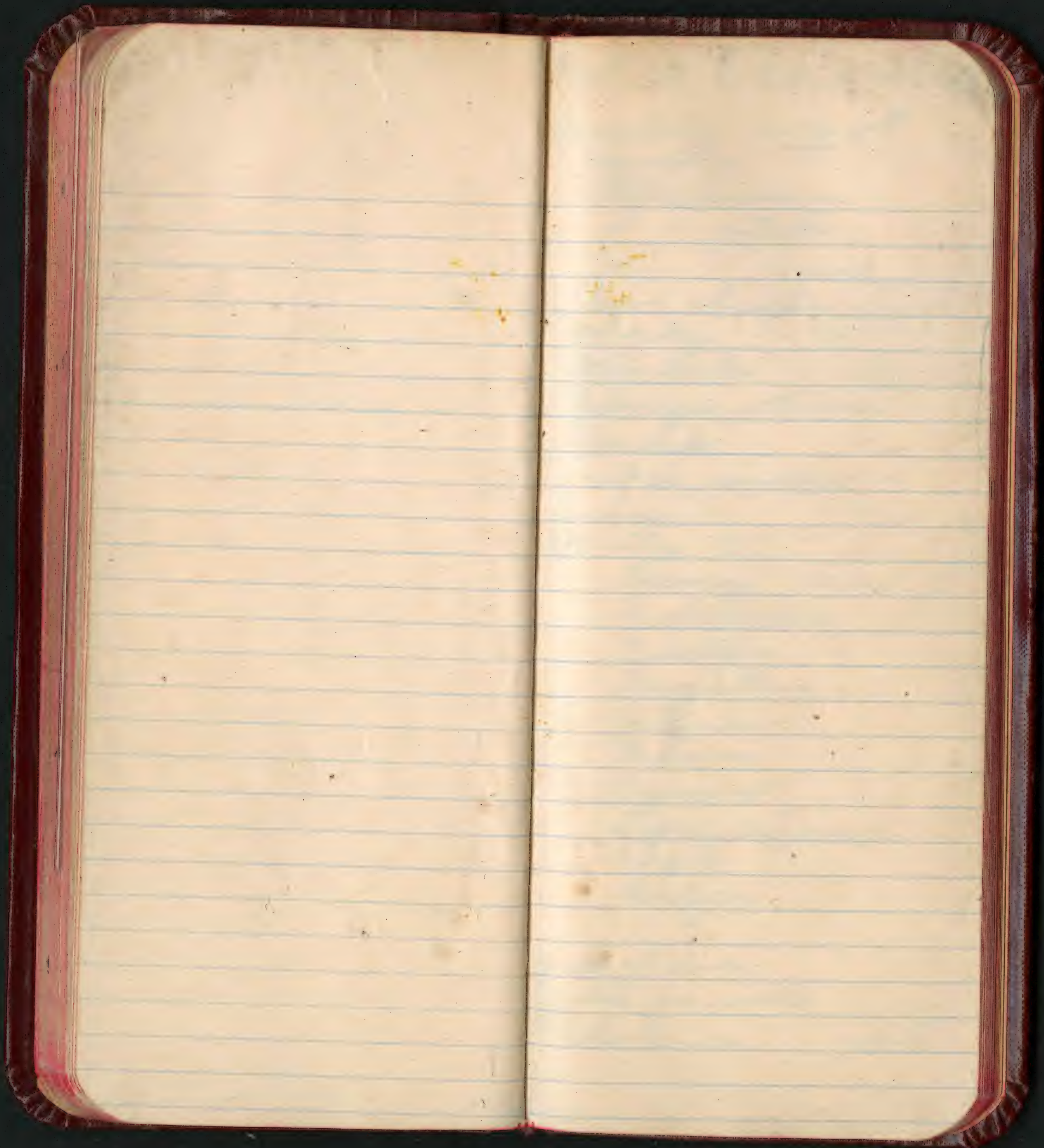
" 58. *Quercus arizonica*?

1059. *Alnus oblongifolia*











Sept. 23 to Cuern + Alona

Alona Valley Lower part

Sarcobatus

Atriplex canescens

- nuttallii

" " " " " " " "

Cleome integrifolia

Hedranthus 2

Helianthella

Gutierrezia euthamiae

Pinus edulis

Juniperus monosperma

Erigeron (1885)

Opuntia 3

Thomomys aureus

D. opretabilis

Perodipus

Perognathus

Eutamias

Neotoma

Cynomys

Lepus arizonae

Coyote

Badger

Yucca glauca

Dalea serotina

Palmerstonia

white



Sept 24 camp 6350

*Acoma Pueblo* 6550  
*Eutamias dorsalis*  
*Crotalus confluentus*

up slope of canyon  
Camp at top 7200

*Sciurus gambeli*  
" *grisea*

Sept 25, 10 AM, Camp 7100  
Nut pines

*Juniperus monosperma*  
*Rubus pedalis* 1  
*Eucrota*  
*Triplix canescens*  
*Ribes*, green, ~~red~~

" " *gray*  
*Gutierrezia sarothrae* *trilobis*  
*Lithospermum*

*Helianthus* 2  
*Helianthella*  
~~*Grampyella*~~  
*Mirabilis*  
*Artemisia "tridentoides"*  
" " *"pigoides"*

*Acer glabrum*  
" *gambeli* a few  
*Pinus ponderosa*, on n. slopes  
*Lysichiton* *pallidus* com.

Brown Mtn. Camp, 10 AM. 7350

Sept 24 - Camp all day.

*Peromyscus leucopus*, big ears 4  
*Onychomys* *leucogaster*, dark 3  
*Neotoma pallax*? com

*Cynomys* com  
*Cytellus* *13lineatus* 1 seen.

*Lepus arizonae* 3  
" *tex.* 2

*Perodipus* com  
*D. spectabilis* "

*Perognathus holoseri* "  
*Thomomys* *curvus*? "

*Canis latrans* "  
" *occidentalis*? signs

*Taxidea* com  
*Eutamias dorsalis*? a few



Sept. 27 Camp 1 P.M. 7200

*Pinus ponderosa*

*Quercus gambelii*

*Bigelovia* big green  
" small gray

*Quercus undulatus?* com

Camp at reservoir, 10 m. 7700

Sept. 28 Camp 9 A.M. 7400

Top of ridge 7800

Sevilla Spr. 7450

Punta Malpais 6900

Sept. 29, 9.30 6900

Lunch 7025

Edge of timber 7200  
top of divide 7300  
Camp 7000

Sept. 30 Camp 7000

Salt Valley 6900

Rim of valley 7100

Camp at Lathrop Spr. 7200  
Tracks

*Antilocapra* " + horns

*Odocoileus hemionus* com

*Lepus tex.* "

*Lepus arizonae* "

*Cynomys* "

*Sturnella* heard

Thomomys com

Coyote "

Badger "

*Perodipus* "

Sept. 1 Camp 7250

Ridge 7450

Rita Cowade 7000

Camp on Rio Largo 7100

*Sarcobatus*

*Atriplex canescens*

*Elaeagnus*

*Bigelovia* big green, + gray

*Gutierrezia*

*Arriogomus*



Oct. 2, Camp, 9, 7100

- Rio Largo
- Populus angustifolia
  - Juniperus monosperma
  - Pinus edulis
  - Rhus aromatica
  - Bignelovia, gray + big green
  - Atriplex canescens
  - Eurotia
  - Lycium pallidum
  - Forsydia
  - Cleome
  - Mentzelia
  - Mirabilis
  - Suaeda (1003)
  - Helianthus
  - Helianthella
  - Amaranthus
  - Krynitzkia
  - Yucca glauca
  - Ephedra - small englemanni

Camp 5 mi. up Largo 7350

- Salix nigra
- Rosa
- Ribes cereum
- Juniperus scopulorum

Sept. 3 up Peak

- Camp 8, a.m., 7350
- Yellow pine N.E. 7400-
  - Bongles spruce 7800-
  - Juniperus gambeli "
  - Abies 8800-
  - Pentstemon 7600

Left horses

- Populus tremuloides 8800-
- Berberis repens W. 4
- Physocarpus "
- Holodiscus "
- Symphoricarpos "
- Rosa "
- Pinus flexilis N.E. 9200-
- Saddle 9250
- Acer glabrum 9600-
- Juniperus communis 9500-

Top 9750 probably 10000.

- Pinus edulis
- Juniperus monosperma
- " scopulorum
- " pachyphloea



Oct. 5 Camp 9:30 AM. 7250

*Odocoileus* tracks com.  
*Cynomys gunnisoni* com.  
*Citellus grammurus*, heard!  
*Neotoma fallax* com.  
 " *albigula* "  
*Peromyscus rufinus* "  
*Onychomys* "  
*Perognathus bairdi* "  
*Perodipus* "  
*Thomomys rufus* abn.  
*Lepus arizonae* com.  
 " *texianus* "  
*Erethizon* 2 mt pine  
 growing  
*Canis latrans marionis* 8  
*Taxidea* holoabn.

up Largo 5 mi.  
 over ridge 7700

Camp, 15 miles, 8050  
*Populus tremuloides* on N.E. slope  
 Lobo tracks

Oct. 9 Camp 9. 8000

Divide 8100  
 valley 7650  
 Palo Verde 7700  
 Ridge 7800  
 Tularosa 6800

Oct. 10, Tularosa, 9 AM, 6750

*Pinus edulis*  
*Juniperus pachyphloea*  
 " *monosperma*  
*Quercus grisea*  
*Lycium pallida*  
*Sedum* sp.  
*Rhus trilobata*  
*Helianthus annuus*  
*Eucetia lanata*  
*Atriplex canescens*  
*Begonia*  
*Helianthus*  
*Chenopodium*  
*Melospiza muscivora*  
*Yucca glauca*  
 " *baccata*  
*Nolina*



*Pinus ponderosa*  
*Populus angustifolia*  
*Quercus gambelii*

Joseph 6500

Negundo  
*Juglans rupestris*  
 Vitis  
 Toxicaria  
 Salix fusca  
 Opuntia engelmannii var.  
 " arborescens

Agave pringlei  
 Clematis  
 Prunus salicifolia  
 Smilax hirsuta (1003)  
 " Douglasii  
 Quercus

Fraser 6000

Peromyscus leucopus 2  
 Perodipus filis  
 Perognathus lynx  
 Urocyon taxidus  
 Procyon niphites  
 Canis mearnsi + lobo

(\*top of peak)

Oct. 13 Camp at Joseph 6550  
 Crossing of Tuleasa 6450

Spring in Largo Canyon 6650  
 Top of mesa 7050

Pseudotsuga N.E. 7800\*  
 Abies concolor N.E. 8200\*  
 Populus tremuloides " "  
 Pinus flexilis " "  
 C. concolor 2 " "  
 Larch 2 PM 8550  
 Berberis repens  
 Cassiope  
 Pachystima 8550\*

Peak near Eagle Peak 5:30, 9450

Symphoricarpos oregonus "  
 Pseudocercia 9000- 750  
 Odocoileus hemionus 3  
 " concolor 2  
 Sorex f. woodhousii com  
 " aberti "  
 C. grammurus "  
 Callospermophilus lateralis 1  
 Eutamias quadrivittatus com  
 " dorsalis "  
 Onychomys leucogaster  
 Neotoma pallidus  
 " oregonus  
 Thomomys talpae




Oct. 13, Joseph 1 P.M. 6750  
Trisco 6100

Camp in Canyon 5950  
(5 miles below Trisco)

Oct. 14 Camp 5850

Odontailus hemionus 1 "  
Parus wolwubori "  
Populus fremonti; first "  
Opuntia schottii "  
Alnus rhombifolia "  
Fraxinus veida "  
Ptelea "  
Opuntia petryi "  
Greasewood "  
Psoralea <sup>over on the</sup> 3700 "  
Spiraea <sup>horrida</sup> "  
Platanus 5700 "  
Rigilovica "perpallida" 5650 "  
Celtis belleri "  
Morus microphylla "  
Pinus ponderosa "  
" edulis "  
Juniperus monosperma "  
" pachyphloea "  
Populus angustifolia "  
" fremonti "  
Aureus gambelii "  
" grisea "  
Negundo

Yucca angustifolia  
" baccata  
Agave pinnatis  
Nolina  
Opuntia engelmannii  
" schottii  
Cercus pitja  
Forestiera  
Cleome  
Sida  
Argemone  
Kelley Ranch

Prasopis 1 "  
Acacia? "  
Yucca radicata "  
Aureus arizonica  "  
over ridge & mesa 6000  
Camp 5600  
Alba 5200

above Mogollon  
Alnus tree -7000  
Juglans -7000  
Negundo - "



Oct. 15  
Camp 8 a.m.

Alma

Camp

Oct. 16, Camp 11,

Top of grade

Wapiti

Camp in gulch

Garryia

Quercus leucophylla?

Sambucus

Agave

Alnus

Dasylium

Ceanothus

"

Rhamnus purshiana 7000-

Acer grandidentatum back 7000

Upper Sonoran S.W. - 7500

" " N.E. - 6500

Transition " 6500-8000

" S.W. 8000-

Canadian N.E. 8000-

" in gulch " 7500-

" S.W. "

5550

5200

5250

5200

7300

6850

7850

7000-

6800-7000

7500

6800-7000

7000-

-7500

-6500

6500-8000

8000-

8000-

7500-

-

Oct. 17 - Camp 9 a.m. 7850

Sawmill 8700

Summit 9250

Camp on ridge for lunch 9450

Abies concolor 8500-

Populus tremuloides " -

Pseudotsuga " -

Pinus flexilis " -

Picea engelmannii 8500-

Abies arizonica 8800-

highest part of road 9300

Camp on ridge 9000

Oct. 18 down to creek

Camp " 9000

Left wagons " "

Camp in gulch 8500

Oct. 19.

Down to Rangers cabins back.

Oct. 20

Went to town & killed deer

Oct. 21 Sunday

Snowed

Oct. 22, S.

Snowed, limited, got nothing



Oct. 23 up Peak, Camp 8500

*Pinus ponderosa* { 8000-9500  
 { 7500-8000  
 { 8500-9500  
*Emerus gambeli* { 8000-9500  
 { 6500-8000  
*Pseudotsuga* 7000-9500  
*Pseudotsuga monodonta* 7000-9500  
*Sambucus* 8500  
*Holodiscus* -10900  
*Ceanothus* -9500  
*Rosa* -9500  
*Berberis repens* -9500  
*Cornus asperifolia* -8600  
*Lentimon scarlet* -9500  
*Gilia agrigata* -9500  
*Wyethia*

*O. covei* bushes at 9500 + 10000.  
*Lupus pinatis* tracks at 9000-10200  
*Felis* tracks at 10000.

*Populus tremuloides* { 9000-10900  
 { 8000-10000  
*Picea pungens* { 8500-11000  
 { 9500-10500  
 " *inglwanii* 9000-10500  
 9500-11000  
*Abies concolor* 8000-10000  
 9000-  
 " *arizonica* 9500-11000  
 8500-10000  
*Pinus flexilis* 7500-9500  
 -11000  
*Salix cordata* +  
 " "  
*Alnus douglasiana* 9000.  
*Sanguinaria* 10200-  
*Juncus communis* 10200 11000  
*Acer glabrum* -9500  
 +10000  
*Vaccinium mesocarpium*  
*Pachystima* 9000-10500  
*Rubus nutkanus* 8000-9000  
*Veratrum*  
*Pyrola pecta*  
*Chrysothrix*  
*Holodiscus* -10900  
*Lonicera involucrata* 8500-11000  
 8500-11000  
*Pteris*  
*Ribes purpureum* 8000-9500  
 " *gambelii* 8500-  
*Symphoricarpos* *aphyllus* 8500-10000  
  
*Aster* 11000  
 " "  
*Eriogonum* "  
*Solidago* *dumosa* "  
*Patentilla* "



Oct. 30, Camp 9000

Divide 9250

Mr. Gollon 6850

Camp by mill in gulch 7000

Oct. 31 Camp 7000

Top of grade 7300

Top of mesa 6900

Quercus emoryi 5100

White water Cr. 5000

Camp 4000

Nov. 1-5

Prosopis glandulosa abn

Mimosa biuncifera "

Platanus "

Rhus woolly leaf "

Opuntia engelmanni, big, "

" schottii "

Cercus petyja a few

Lasiacis "

Elaeagnus by fence

Yucca radiosa

Photodendron flavescens abn

Juglans "arizona" "

Populus deauranti com.

" angustifolia a few

Salix nigra com

" yellow willow tree "

" "

Quercus grisea abn.

" emoryi com

Juglans (not caespitosa) com

Fraxinus "

Sapindus "

Pteris "

Platanus "

Alnus tree "

Pinus edulis abn

Juniperus monosperma "

" pachyphloea "

Rhus aromatica "

" velvet leaf "

" glabra "

Ceanothus rigidus com

Cowania mex. "

Cercocarpus parvifolius "

Vitis part grape "

Chenopodium

~~Morera~~ microphylla on rocks, a few

Ugundo com

Garryia a few.



*Helianthus annuus*  
 " "  
*Helianthella*  
*Gutierrezia*  
*Senecio douglasii*  
 " "  
*Linum catharticum*  
*Argemone*  
*Fallugia parviflora*  
*Mentzelia*  
*Eurotia lanata*

*Sciurus arizonensis* 1- com  
*Eutamias dorsalis*  
*Citellus grammurus* com  
 " *epilusoma*, hibernated  
*Rhithrodontomys* com  
*Peromyscus truei, bolleyi, sonoriensis* com  
*Oryzomys torridus* com  
*Neotoma albigula & cumulata* com  
*Thomomys folvus* abn  
*Perodipus* com  
*Perognathus flavus* "  
*Lepus arizonae* "  
*Lynx baileyi* tracks  
*Canis meamsi* com  
*Urocyon* "  
*Procyon* "  
*Taxidea* "  
*Comepatus* "  
*Mipipitis* "  
*Spilogale* "

Nov. 5. 9 AM 5000

Over ridge to S.F. Valley  
*Sagurus chilopus* com  
*Albs* "  
*Coccoloba roemeriana* "  
 Lone Pine  
 Down end of valley 4900  
 Dry Creek 5100  
 (Lus Station 5180)  
 (U.S.G.S. stake — 4884)  
 (Barometer set at " )  
 Top of ridge 5235  
 Cactus flat camp 5300

*Cynomys ludovicianus*  
*Lepus arizonae & Tex*  
*Neotoma*  
*Perodipus*  
*Lepus*  
*Oryzomys*  
*Taxidea*

*Campylorhynchus*  
*Hesperomys*  
*Spizella*  
*Carpodacus*  
*Calcarius ornatus?*



Nov. 6 Camp 9:30. 520

Yucca radiosa abn.  
Opuntia Sebottii "  
Top of ridge 5300

White House lunch 41596

Chilopsis saligna abn.  
Tessaria "salicifolia" "  
Yuccas + Cactus yuccagait

Cliff at river, Camp 4471

Ephedra virida  
Rhamnus californica  
Forstiera  
Atriplex canescens  
Populus fremontii  
Salix nigra  
- big yellow

Ugundo  
Unglans  
Chilopsis  
Prosopis  
Celtis  
Quercus grisea  
" emarginata  
Pinus edulis  
Juniperus monosperma  
Opuntia adbotlis  
" engelmannii sars  
- brown spined con  
Cercus ?

Yucca radiosa abn.

Fallopia parviflora

Ceanothus rigidus

Lycium pallidum

Rhus aromatica

Antennaria veg

Senecio douglasii

Helianthus annuus abn.

Helianthella

Artemisia

Whitegilia

Xanthoxylum

Cleome integrifolia

Croton texensis ?



Nov. 9 15.00m, 4470

up Greenwood Cr.  
over ridge 4900

Wangas Valley 4800  
Left valley at 4980

Dry Camp 5400

Nov. 10. Camp 5400

Top of ridge 6200

Silver City 6000

Camped at Mr. Pinkerton's  
in orchard by pond.

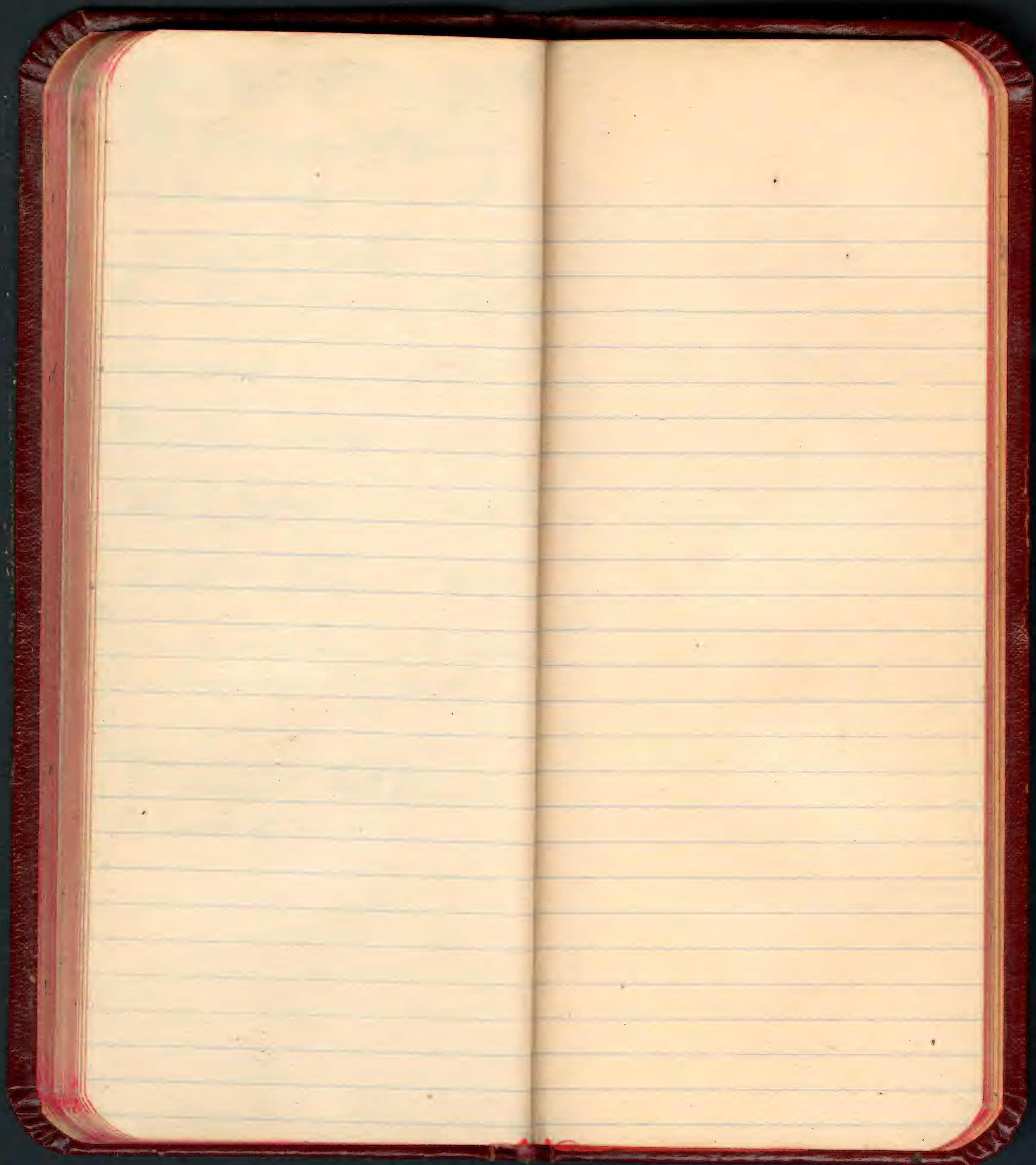
Nov. 11

Packed up & took train to  
Deming -

Nov. 12 to El Paso.

Left El Paso at 7 P.M.











Transportation Orders

44361, La. No. 512  
Washington to Cache  
Aug. 1, 1906, \$38.95  
40362, La. No. 512  
Saltart to Santa Fe.  
Aug. 16, \$15.15  
40363. Silver to Wash.  
Nov. 11, 1906. \$55.45

Expense

Aug.	<del>38.95 + 15.15 + 121.59</del>
"	175.69
Sept.	130.65
Oct. ok	132.75
Nov.	75.85



Manuel Murogon, Taos

C.C. Beattie, Espanola

Wm. E. Griffen, Game Warden

Santa Fe. 11/5, Jan 24.

T.F. Leavenworth, Fiero

Victor Culbertson, "

Mr. Lamb, Reclamation Service  
sends regards to Mr. Titus  
from Snyder, Okla.

Charles Dickson, Cuba

Acama Indian

Vesse Lewis, Albuquerque

Fidel Arroyo

Pinoville

me

Horro Co.

H.S. Delgar, Aragon,

W. J. Andrews

Hackensack, N.J.

Bill Lewis, Fiero

Good packer & camp man







~~roadrunner~~

~~Carantula~~

~~Indolpiza~~

~~Xanthos~~

~~acorn~~

~~shells~~

~~meadow~~

~~2015~~

~~sunset~~

~~Robins the~~

~~Wood Duck~~

~~remains~~



good best ways men

J. L. Mitchell

Canada Ariz

Mr. B. More

Mr. Perry  
Agent

St. Michael's  
Fort Orfanos Ariz  
Willy Day

White boys  
Charles Good  
Spent. Ways



Wolf urine for traps

Put poison in egg for coyotes



HOW TO PURIFY WATER.—Add half a grain of pure alum to each gallon of water. This small quantity does not injure the water for any purpose, and yet it will precipitate the earthy and vegetable matters and with it the bacteria that the water may contain, or at least, so nearly clear the water that you need not fear to drink it.



PREMIUM

BOOKS FOR PREMIUMS.

OF THE YEAR 1808



Pittsburg Poultry Feeding  
Pittsburg Steel Co., Pittsburg, Pa.  
Poultry pen 52 inches high 15 inches  
1 1/2 to 2 inches mesh, 6 inch crosswise

send photo of Cruz Abieta  
to his cousin Pablo at Saltillo

Charles Sobajes  
Alma M. M.  
for skulls - a trapper

695 x 130 x 110, 9 Zepher  
White Water Baldy, 10950  
S.C. box by Lt Stanley Koch  
5th Cav. Ft. Huachuca

N. 5617 Mrs. Pickett

N. 1123 M, Bailey

CHARLES P. SWETT PRICE.  
STATIONER  
913 F ST. N.W.  
WASHINGTON, D.C.

1/24



