July 8 - 1930

Gatlin to Zion
Springfield + over White Mts, 16 miles
Climbed another 2000 ft
Owed head to camp

Vernon Bailey
Field notes
July 16. Galway, gliding
from Rancho into Camps,
Wusquaw & Eaton arrived,
we drove north to
Witwam Springs, poyay
of 4307 ? acres
Then on & Epineweck
and camped by river.
July 11 Shufrack
To Red Rock Camp, Demonstration Area

Evening
Grasses, granadillo, quilla
Zamarisk, peaches, alfalfa,
corn, beans,
Game and timber not observed
Deer, bear, brown, squirrel,
hunting, game,
Mountain quail, Kitontops
Sagegrouse,

To Usalverde

Camp near Cortez in Junipers and Pines
July 12: Camp near Cortez, To Monticello at east base
of La Salle, then south
La Salle are largely
Canadian + Texas species,
down to the base and on cold
slopes below
The Uplands are also
heavily timbered, both
Canadian + Pinyon. 
Montezuma is mostly
Cypress + Canadian
or Mexican:
Monticello
Blanding
Coleogyne
5000
Epidendron
- 5000
Yucca brevipes
- 5000
Rhipogynia bifolia - 5000
Habitats
Merzbacher alsicacis
Friesia
Sarcobatus
Zygophyllum
Medicago falcata 4100
Cleome abr.
Rhabdospermum imperfectum
Rotundifolia
Monument Valley
July 13 - Monument Valley

Caught Peromyscus leucopus i. and P. crinitus
Tracks of gray rat kangaroo
Prairie dogs came
Prairie dogs told him come to Kayenta

Met O.C. Coville at Kayenta who knows the country of Indians.
Well. Sage, Pinyon in Phil's Canyon east of Navaho Mts. came with the early Mormons from Cedar City, Utah and are the same as those at Kanab.

Says the Southerners from SW Colorado are assistant that two interpreters are necessary. Mrs. Witherill knows them well.

At Kanab City, Mr. Boyce says there are two families of
Mr. Coville told me of Jacob Hamblin's Journals published in 1881 at Salt Lake City. Reference is to local history of pioneers.

The Overland

The Indians

The West

Published by Edward Eberhardt
65 W 42nd St., N.Y. City
144 pp., $2.50, Engraved, $1.50

in Cat. Americana, no. 104, p15
pintos 10 miles north by horse trail but he does not know what they are. Says Pinto, grandson of the Mash explorers, is trader at Gap and speaks Pintos as well as the natives -I know this whole history. There are no Pintos at Tuba City now but they often come in. Some were in the area yesterday.

At Kayenta met the artist, Mrs. Allen and Mrs. Cummings and Mrs. Benninghines of the Arizona Museum.
At Kayenta went over the Soil Conservation Project with Mr. W. E. Bidwell, engineer in charge and Mr. Eaton, and saw the very gratifying results of two years work in saving large valleys from withers, and retaining it as good grazing and farm land for the Navahos.
Come on to Red Lake and Zute City where we stayed overnight. Good woods all the way over Upper Goweram Valley.

Black Mesa at Keyenta and Skeleton Mesa have yellow pines over the summits and some Douglas fir species in gashes on N.E. slopes. They stand 1000 above the valley and are quiet evergreen.
about 30 - 35 Antelopes in Antelope wash on Kibato Plateau
Mr. Bidwell reports
No Mule deer
No Antelope about 30 S. of
Jack Rollins a few
Elksteak
Prairie dogs abun.
Armospermophilus a few
Peromyscus
Dipodumis scripturis a few
Thomomys common N. side
Wolves, a few on Uncorduroy
Coyote 3 packs common
Minitons a few on Yumaas
Grizzly, killed at Chinter
3 years ago, skin there now
Stain now owned by F. Garcelon
Black bears in Knoblickans
and occasionally in Black
man.
Black footed ferrets a few
here had a part in Chinter Valley
July 14 - Ezra City
Moenave Project
Mr. Bidwell showed us over it with justifiable enthusiasm.
Numerous large, springy gardens are used for irrigating plots in terraces down the sides. This is largely an irrigation project of economy of water but occasion is thoroughly checked and all flood waters turned out over the open plains where grazing will be developed. Much fruit, peaches, apricots, apples and pears are raised and good crops of corn, squashes, melons, and alfalfa are raised.

Came on to Cameron & Grand Canyon
July 15, Staid over at Grand Canyon to see if trap could go down the trail, visited the museum and naturalists here. Answered part of mail and wrote reports.

July 14. Wrote reports and packed up for journey. Left Grandell Canyon at 3 PM and camped a few miles before reaching Kingman in Lower Sonora forage.

Picked up a porcupine just east of Ashfield, very pale in color and small. 4 ad. has had one young this year.
July 17. Camp just west of Hackleberry, went to Kingman. All lower Sonora:

- Ecboett got Nestor a lepida,
- Dipodopus mesniani, Reonega a cerinus, Pecoa a pavoni, Phrynosoma cazuta.

Chilopsis
- All thorns, Holorheanthus
- Mesquite
- Creosote
- Cactus
- Amorbia insana
- Eremogera
- Opuntia vestidea
- " bursalaicus
- Cereus not boreata
- Cereus mirocozapa
- Cereus bigarijoti
- Opuntia ephrodias
- Echinocereus triglochin
July 15

Got an early start and came across most of desert comfortably in morning, over the pans. Through San Bernardino of Colton to Elsenar, col Vista and reached Zephyr Oaks about 2 P.M.
Cool and comfortable.
Boulders Dam
Hot & barren, 104° at 10am
Water dark green with algae
Barrier City on brush hilltops.
Las Vegas a city with trees and grass and lawns.
 Saw one old Print at Las Vegas who remembered all the Stinson family and told me about them. Said he was working for them when they sold out.
 Went to Oakland Hotel and got an air cooled room until 6 PM or so. Then drove to 14 miles of Barstow and camped at at a Tourist Camp.
Thermometer 114° at 2 PM in Las Vegas!
July 19, Sunday,

Satiated for Palawan
but found there was
not much to be seen
to want to Decendic
for a swim.
July 20 - The Doulls and the girls went to San Diego and saw the exposition and the Museum of Zoo and the Doulls went across to Tiajuana.
July 21: Betty and the girls started home via Owens Valley, Zephyr Mine, Meadow, Fallon, Nevada, Salt Lake & Denver. The Grants went to Carmel and then to Berkeley and Utah.
July 21-29

Finishing report for soil Conservation Service and reading last 100 pages of manuscript for The Wendell Chapmans.

Weather cool and delightful, not too hot nor too cold, rarely up to 90° or worthy around 80°. Some foggy mornings but no rain.

Coyotes howl every night but are not attracted by any of the old bait I have, will have to catch one in a trail set and get fresh scent bait.
Headed West

June 22, 1936,
The Bickups, Betty's parents

Betty Home and Nancy

fitzwilliams arrived from New York yesterday in two to celebrate my 72nd birthday and help us pack the Chevrolet for a trip across to Taos, Santa Fe, Albuquerque, Mesa Verde, Painted Desert, Grand Canyon, Bryce, Zion, The Boulders, Death Valley, Twentynine Palms
We did not get started until 3 P.M. from 22 ad
It only to a town beyond Superstion by
camping time,
Betty and Nancy do all
The driving and Howard and
I sit back and enjoy the
scenery and the relaxation
from work and responsibility.
The country is fresh green and trees good for
this part of the country.
Flowers are ease
and blue bugloss oats daisies
in the fields.
June 23, 1934,

On Route 40 we soon passed through Cumberland, Frostburg and over the Alleghenies to Uniontown and Washington, Pa., and to Trogg's Inn and beyond Claysville. When we had arranged to visit John and Dorothy Doxey and Mrs. Doxey from the Carnegie Museum, Pittsburgh.
January 24, 1934

Tried to photograph Teddy, mother's Woodhull with two young under the barn floor at Zollgate Farm but she refused to come out as her mistress called her. The last evening she sat by the girl and ate bread for a long time.

Packed up and came on to Columbus and Indianapolis and camped at
June 25

Don't caught a Romany rat, a young opium eat. Prancerous Cream on through natural Springfield to Carlinville where Blackburn College is standing with the Hudsons over night. Dr. Hudson has been president of Blackburn for 25 years and has built up a model education system for boys and girls through 2 years of college work. There is student-grown food with much work along practical lines in farming, dairying, stock raising and manual training.

Many of the fine modern buildings are built by the boys.
June 24, drove to Dalton and around St. Louis and on west as soon as 40 to Odyssey and camped for the night. Day very hot, 100° in the shade. Our engines failed most of day.
June 29, 1934

Drove from La Junta, Colo., to Trinidad, Raton, up the Cimarron to Reva Valley and over East Pass at 9,003 feet and down to Taos. Camped at Ranche Camp in edge of town. Rained hard over the Raton and down the winding grade but worth a pleasant day and beautiful trip.
July 1,

Drove down to Helen Gallin's after noon and all stayed there over night.
July 2 Went up Rio Gravde Chiquito canyon to old Ft. Berenguyr on Pot Creek aod about 2 miles above in the beautiful thicket of Junipers, Yellow pines and narrow-leaved Cottonwoods and camped for the night. The Dutts had been their last night at caught a lot of Porcupines, chipmunks, cottontails and a prairie dog. We cooked the prairie dog in the beans and it was very good. Set a few traps for coyote but my bait is not good.
July 3, Came back to Helena with Florence for the night, but had one good day in camp. Drove over the Mora Pass down onto Cibolla Creek to the first settlements, then back to camp. The road is excellent and the summit only 8400 ft.

Then Don't ed I went up the little Rio Grande on the old road no longer used to the old sawmill site ed walked up the valley well into pueblanew zone of beautiful spruce ed fir ed chama meadows ed a clear rippling creek.

The narrow barked cottonwood grew along the creek on open bottom and an big beautiful trees. We could see trout in the creek.
July 4

Helped Lawrence and Bircher haul in the alfalfa and stack it on the corral shed; 3 small loads. After lunch, packed up and the rest of the party came down from camp and we started down the canyon of the Rio Grande. Stopped at a tourist camp at Sunny Brook, in the canyon a few miles above Embudo while the rest of the party went down to set traps in the open valley 13 miles down the Rio Grande. Camped under the big cottonwoods on the bank of the river.

I set out traps for Perodipus, Perognathus, Pelomyscus, Bufo hypolimnas, Thosomys, Cricetinae, and Vulpes.
A hot day with a few little showers. Found lots of ripe apricots, plums, and peaches. Lots of green apples on the little Mexican farm below the canyon.
July 5, 1934, Sunday

Cought only a Mexican dog in chain trap and let him go.

The girls came back cal got us cal we all drive to Santa Fe

had lunche and saw the town, then drive on to Albuquerque
to a very comfortable tourist camp.

A warm day but not too hot.

We went out on walk back of University cal set traps. Caught a few little

'Spilogomus macrospilotus', cal few prairie dogs but couldn't find any

bipodomyt wounds.
July 4. Went to Soil Reclamation Office and arranged for Eaton and Mosegrave to join us on trip from Gallup two or three days later.

Then drove up east side of Sandia Mts. to the top and collected plants by life zones and collected specimens at top.
June 24, Carlisle, Kentucky

Redwooded - come all day

\[ \text{Shoos, Flicker, Boholts, Crow, Grookles, Bluejay, Mockingbird, Kingbirds, Mourning Dove, Crow} \]

Black, 3 on Whitt's Sta.

Drum swallows, seen, at Carlisle

Ringing Bluebirds
June 27, 1917
Odyssey & Lawrence

Redwood

Blackbirds

Bluejays

Mockingbirds

Robins

Owls

Eagles

Swallows

Bobolinks

Farmers