

1989

Field Notes

Forrest W. Davis

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FWD
1989

Forrest W. Davis

NM: Sevilleta NWR

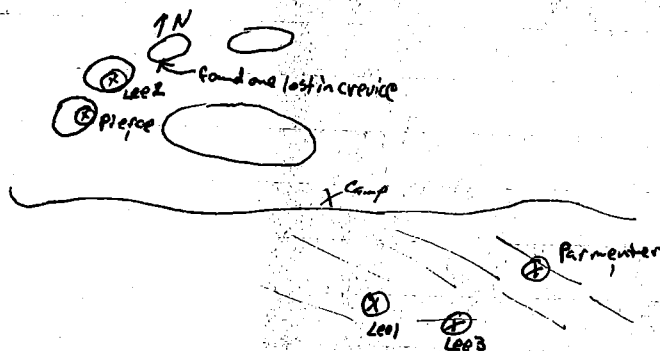
10 MAY 1989

Left UMN w/ Howard Snell, Marikay Rimsay, Lee Fitzgerald, Lee Pierce, ~~and~~ Chris Altenbach, José Chani, and myself 8:30h.

Herp field trip. arrived at Bernardo Exit 9:15h.
DVR → Headed East on Hwy 60 mile marker 168 adult
Coach whip Masticophis flagellum orange belly dusty dorsal
Burrowing Owl P. Dog town Black Butte Entrance

Entrance { Crotalus viridis
Whip ~~Nemodaphnus~~
~~Uta~~ Uta

Box turtle (♂ Red eyes) 2 turtles same hole
~ 1100h Sepia Uta Canyon Crotaphilus marked #5
Six Rocks near campground ate lunch 1:15h.



Other herps noted: Urosaurus
Uta
Nemodaphnus

~ 1400h went to Creosote site at 5pts. set up one line of pitfalls. Met Jim Brown at Bernardo exit ~ 1600h. Went to Southern point of Sevilleta to investigate the Irrigation potentials. Turned off I25 at San Acacia exit going west along dirt road North around bluff.

FWD
1989

NEW MEXICO, Socorro Co.;
~~5000 450 6110355~~ 80? Sevilleta NWR

10 MAY 1989 -- Parked on Bluff and walked towards Southern border of Sevilleta. Picked up an Odontocorys skull (poached?), the soil was extremely sandy with very few grasses. (Sage & skeleton brush). Other herps Scleroperus and Crotalus atrox (western diamondback). Drove back to Refuge Headquarters unloaded picked up Manuel Molles, Tad Crocker, and Enrique. Phrynosoma also seen at this locality.

Gopher survey:

- Tracks sighted near Rio Grande R. + HWY 66 along La Joya Game Res., especially large ones possibly Pappogeomys likely to be T. bottae.
- Mounds present yet scarce along the Road between Mackenzie Flats and Nunn Flats.
- South of Sepultura Canyon many mounds were sighted west of the Road into Mac Kenzie Flats around the tip and along the bluff N., especially abundant along this road (N. 2 mi.) all the way to Spts.
- More mounds sighted 1 mi. W of Spts. and heading towards Contreras.
- Gopher tracks were sighted ^{just} S. of Bernardo, to the Refuge H.Q. presumably T. bottae.
- No gopher signs were sighted Near the Rest Area on I 25, nor near alfalfa fields ^(south), but that needs to be examined fully - personal contact.

FWD
1989

NEW MEXICO: Socorro Co.; Sevilleta NWR

17 May 1989 -- mileage 4097.8 left ABQ at 0700h.

arrived at Sevilleta HQ 0815h. mileage 4157.8.

Brought Eduardo Palma and 1st load of LTER Lab gear.

It was rainy most of the day (morning) and cool.

Vertebrate crew attempted to finish placing pitfalls in Sepultura Canyon because of thunder and lightning we went to grassland grids instead 1230h.

finished placing ^(Pitfalls) traps on 3 grids saw no herps.

These grids were north of the road that was just west of 5 pts. about ~2 miles west from 5pts. Headed back

to HQ about 1730h. As we traveled N. of 5pts

Saw a box turtle Terrapene (2 mi. N.) Filled $\frac{3}{4}$

full with gas (LTER site) Returned to ABQ 2015h.

~~The~~ mileage 4230.1. (Total hours - 10 $\frac{1}{2}$ h)

22 May 1989 -- The 1st day of vertebrate sampling,

left ABQ with Randy Jennings at 1000h. Loaded

Lab gear up with other trucks at 0730h. arrived @

HQ ~ 1045h. Began setting up lab cans and and

shit everywhere. Finished cleaning up and preparing

lab by 1500h. Saw a checked-whiptail Cnemidophorus

tigris. Crews Yates and Cannon arrived by 1700h.

and assisted in lab organization.

(7 $\frac{1}{2}$ h)

FWD
1987

NEW MEXICO: SAGRO Co.; Sevilla NWIR

23 May 1987 -- Woke at 0500h. Last night was cool ~88°F

light breeze and about a $\frac{3}{4}$ moon. Went to the Pinar

Juniper grids with Terry and 5 others @ 0530h. ~~Returned~~

Had to hike ^(0700h) to the top of the Mesa in Sepultura Canyon to check 3 of the grids (one removed and

* & Mark + Recapture). One grid the removal got 5 animals (). Saw

* one Cnemidophorus. 90% of these trap sites were set in areas unproductive (unkel areas, backwards on mouse runs, too much bait, not sensitive enough)

Because of this several assumptions of density estimates of grids in that if there is a mammal at each of these stations the trap will get it.

0930h went to check the other removal grid

* North of these in the canyon. Got 3 ^{mammals} ~~animals~~ () and 1 herp (Crotaphytus)

The traps were in about the same conditions as those on the Mesa. Returned to Trucks waited here for ~1½ h. as waiting saw a Eutamias minimus very short, light buff sides. Headed back to HQ @ 1100h.

Began processing animals at 1230h. Finished at 1500h. The other Mammal Crews headed back to ABQ. Went to bed about 2030h.

{ (10h)
}

FWD
1989

NEW MEXICO: Socorro Co.; San Ildefonso NWR

24 May 1989 -- Woke at 0515h. Last night was rather breezy out of SW, chilly $< 65^{\circ}\text{F}$, and overcast for most of the night and the moon was $\sim 1/3$ full. J. Frey, D. Moore and I left for the Removal grids @ 0530h. on

our way to Sepultura Canyon we saw a Black Bear near the Big Well at Northeastern part of Mackenzie Flat. It was heading south but turned around and

headed to the Los Pinos. It was a ~~young~~ ^{small} bear presumably a young bear. Continued to Sepultura Canyon stopped at the entrance and picked up a ride with the others. I checked the higher grid and Frey + Moore checked the lower. On my

* Grid I saw a Sylvilagus auduboni and 7 Onychomys leucogaster, also one antler ~~was~~ found on W2 grid, two Cynomys were sighted. — were collected on this grid (

)). The pitfalls were probably unsuccessful for a number of reasons (Cans only one deep, often the lips of the cans were 1-2" above the ground, the shade tin was often placed directly over the can forming a lid, drift fences entirely inadequate, and 1 set of 40m pitfalls were not in place). The traps were set in better locations but were baited heavily, without greater sensitivity, also traps from the previous days were not replaced. Returned to the truck and drove back 0945h. West of the Big Well Sighted 3 Antilocapra (1 young + 2 adults _{12 10 5})

FWD
1989

NEW MEXICO: Socorro Co.; Sevilleta NWR

24 May ^(Cont) 1989 -- These Antelopes appeared to race the truck apparently sensing that if not run they would be herded or blocked in. They appeared to exhibit great control over their speed and sexual dimorphism in their ambulation. The larger one was traveling at better than 45 mph with its legs parallel to the ground. The young one preferred to stay back. Returned by 1145h, ate lunch and began processing animals and finished by 1400h. Processed some of the ethylene glycolated animals. Left for the Owl Bar at San Antonio at 1800h. Bed at 2215h.
(12h)

25 May 1989 -- Woke @ 0520h. Left for Sepultura Canyon. Checked grid on the Mesa. Last night the temperature was a bit cooler $\approx 60^{\circ}\text{F}$. Collected two peromyscus and one large centipede in pitfall.

* Again traps ⁽⁴⁾ were not replaced, there was extraordinary amount of bait in the traps, and they weren't very sensitive. Saw one Sylvilagus auduboni on grid W2 and 5 Cnemidophorus (striped whiptails). ~~and~~ Returned to truck by 0915h. Saw one checked whiptail. Headed back to HQ. ~~Picked up~~ Picked up a Phrynosoma ^{Horned lizard?}. DOR on the ~~road~~ South of Big Well ≈ 1.2 mi. Began processing animals at 1100h. Karyotyping and pulling tissue finished by 1430h.
(9h)