

DATE BOOK

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THE YEAR 1 9 3 7

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233 West Juniper St.

San Diego
Calif.



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THIRTEEN-PERIOD CALENDAR FOR 1937

For a number of years the practice of dividing the year into 13 periods of 4 weeks each has been gaining favor in business. Divided this way, any period is directly comparable to any other period.

The varying number of calendar days, working days, Saturdays, etc., in different months of the ordinary 12 month calendar often distorts seriously such vital statistics of business as sales, costs, production, payrolls, etc. For National Diary users who record such facts on a weekly or four weekly basis, the 1937 Official 13 period calendar is presented by courtesy of the International Fixed Calendar League, Rochester, N. Y.

		1st Period						
		S	M	T	W	T	F	S
Dec.		27	28	29	30	31	1	2
Jan.		3	4	5	6	7	8	9
		10	11	12	13	14	15	16
		17	18	19	20	21	22	23

		2nd Period						
		S	M	T	W	T	F	S
Jan.		24	25	26	27	28	29	30
Feb.		31	1	2	3	4	5	6
		7	8	9	10	11	12	13
		14	15	16	17	18	19	20

		3rd Period						
		S	M	T	W	T	F	S
Feb.		21	22	23	24	25	26	27
Mar.		28	1	2	3	4	5	6
		7	8	9	10	11	12	13
		14	15	16	17	18	19	20

		4th Period						
		S	M	T	W	T	F	S
Mar.		21	22	23	24	25	26	27
		28	29	30	31	1	2	3
April		4	5	6	7	8	9	10
		11	12	13	14	15	16	17

		5th Period						
		S	M	T	W	T	F	S
April		18	19	20	21	22	23	24
		25	26	27	28	29	30	1
May		2	3	4	5	6	7	8
		9	10	11	12	13	14	15

		6th Period						
		S	M	T	W	T	F	S
May		16	17	18	19	20	21	22
		23	24	25	26	27	28	29
		30	31	1	2	3	4	5
June		6	7	8	9	10	11	12

		7th Period						
		S	M	T	W	T	F	S
June		13	14	15	16	17	18	19
		20	21	22	23	24	25	26
		27	28	29	30	1	2	3
July		4	5	6	7	8	9	10

		8th Period						
		S	M	T	W	T	F	S
July		11	12	13	14	15	16	17
		18	19	20	21	22	23	24
		25	26	27	28	29	30	31
Aug.		1	2	3	4	5	6	7


		9th Period						
		S	M	T	W	T	F	S
Aug.		8	9	10	11	12	13	14
		15	16	17	18	19	20	21
		22	23	24	25	26	27	28
		29	30	31	1	2	3	4

		10th Period						
		S	M	T	W	T	F	S
Sept.		5	6	7	8	9	10	11
		12	13	14	15	16	17	18
		19	20	21	22	23	24	25
		26	27	28	29	30	1	2

		11th Period						
		S	M	T	W	T	F	S
Oct.		3	4	5	6	7	8	9
		10	11	12	13	14	15	16
		17	18	19	20	21	22	23
		24	25	26	27	28	29	30

		12th Period						
		S	M	T	W	T	F	S
Nov.		31	1	2	3	4	5	6
		7	8	9	10	11	12	13
		14	15	16	17	18	19	20
		21	22	23	24	25	26	27

		13th Period						
		S	M	T	W	T	F	S
Nov.		28	29	30	1	2	3	4
Dec.		5	6	7	8	9	10	11
		12	13	14	15	16	17	18
		19	20	21	22	23	24	25



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FRIDAY, JANUARY 1, 1937

1st
Day

Happy New Year

364 Days
to come

Worked today on the census for 1936

(May 15th Continued)

- Chucks observed 2 mi. E. of Hope
- 1 Dip DOR 2 mi. E. of Salome
- 1 Cally DOR at Wenden
- 1 Red Racer M DOR Wenden Lt. brush desert
- 1 Hornose M DOR Love brush desert

plenty of red in pattern.

Met Gloyd near here.

- 1 Cally DOR 5 mi. E. of Aquila.
- 1 Leopard Lizard DOR 3 mi. E. of Forepaugh
- 1 Uta observed 6 mi. E. of Forepaugh
- 1 Gopher DOR 6 mi. E. of Forepaugh
- 1 Cally DOR and saved 5 mi. W. of Wickenburg

Arrived at Wickenburg at 12:15 (PST)

It was hot with some wind. Gloyd had Donaldna one of the naturalists at Death Valley with him.

Talked to Gloyd until 3:15 mostly about his thesis and the progress of his new work at the Chicago Academy. We took the snakes caught the night before into our room in the auto camp and they were very restless because of the heat.

We then drove out on the roads to see how they looked for night driving.
(Continued on Jan. 2.)

SATURDAY, JANUARY 2, 1937

2nd
Day

363 Days
to come

Continued the work on the 1936
census

(May 15 continued from Jan. 1)
going south to below Morrismont and
to the foot of the grade beyond Congress
Junction.

1 Red Racer L DOR Wickenburg, River bank

1 Trimorphodon L DOR Wickenburg

1 Sonora sparscopia L DOR 1 mi S. of Wickenb.
(brilliant red dorsal stripe.)

1 Red Racer L DOR 2 mi SE of Wickenburg
light brushy desert.

1 Red Racer M DOR 4 mi. SE of Wickenburg
Brush - river.

Stopped at Eactus Garden. They had
a small pyrrhus caught 3 mi. to the
East. Also Gloyd had 1 caught 8 miles
to the north along the Hassayampa R
where he also took cinereus and
scutulatus.

We turned north again 13 mi. SE
of Wickenburg.

1 Arizona DOR 2 mi. N. of Wickenburg ^{Brushy} desert

1 Rhinischeus DOR do plenty red "

1 " " 5 " " " "

1 P. solare small caught on the road
2 mi. N. of Wickenburg 5:20 P.M.

(Continued Jan 3^d)

SUNDAY, JANUARY 3, 1937

3rd
Day

2nd Sunday after Christmas

362 Days
to come

Finished the 1936 census. Also started to tabulate a 14-year table. Records from the Zoo list.

Desert gopher Westmorland
Amelita pulchra ha Tolla

Rubric 17 mi. E. of Santa Ana

Spent the evening putting books away.

(May 15th) Continued from Jan 2)

We returned to Wickenburg again at 5³⁰ and had supper.

Started the evening drive at 6²⁰ PST. It was warm and the sun just setting. I took Doudna.

First went south 5½ miles and got nothing. Returned to Wickenburg at 6⁴⁵ and started north toward Wittmann.

Congress Junction. Went north to the foot of the grade 18 miles, then turned south again. Now almost dark; 96°F.

Again at Wickenburg south bound at 8¹⁵, 88°. Not a thing seen yet.

1 *Chelomeniscus* caught on the road 4 mi S. of Wickenburg 8³⁰ P.M. 88°F.

1 *Scorpa occipitalis* DOR 7 mi. S. of Wickenburg (= Cactus Garden)

Plenty red. Paved

(Continued on Jan. 4th)

Movie tonight(May 15th continued from Jan. 3^d)Turned at Wittmann at 9⁰⁵, 86° F, 1/3 moon
no wind.1 Sidewinder hunt 1 mi. S. of Morristown. 9²³1 Arizona caught on the road Cactus Garden
9⁴⁰; 8⁵⁰1 Arizona run over by car coming the
other way 5 mi. S. of Wickenburg 9⁵⁰ PM.

1 Cognates on the road at Wickenburg

Drove up the road again 5 miles;
met Perkins and Gloyd. Then droveback to town fast - too fast to
collect. Reached Wickenburg at11 P.M. (P.S.T.) Quite tired. Temperature
now down to 76° - too cold for
more collecting.

Miles. Morning Blythe - Wick. 112

Afternoon Try-out 61

Evening Collecting 106

Total for day 279

Meanwhile Perkins & Gloyd had the
following results:1 Platyrhina's 12 mi. N. of Wickenburg 7⁵⁰1 Gopher caught on Congress St 8¹²1 Phyllobrych " " " 8²⁵1 Gopher 11 mi N. of Wickenburg 9⁰⁰(Continued on Jan. 5th)

TUESDAY, JANUARY 5, 1937.

5th
Day

360 Days
to come

Worked for a short time on the annual census, putting the 14 years into one table.

(May 15th - Continued from Jan. 4)

- 1 Arizona DOR 6 mi N. of Wickenburg
- 1 Chilomeniscus DOR Wickenburg
- 1 Rhinichelus caught 2 mi. S. of Wick 10⁰⁵
- 1 Ariz. 1 mi. N. and 1-4 mi. N. of Wick.
at 10³⁷ and 11¹⁵ respectively.
- 1 Arizona 5 mi. S. of Congress Trct. at 11⁴⁰

The times in this list are Mt. time.

Total miles for Gloyd - Perkins evening trip 65 against my 106. Perkins claim's this proves slow driving better.

Gloyd and his partner then returned to their camp, while we preserved specimens and then turned in.

Had cardigrams and X-rays
taken today.

(May. 16 Continued)

1 longnose DOR Blythe River bottom
hunched at Blythe at 11¹⁵. Very hot.
Took live reptiles into air-cooled
coffee shop to cool off and thereafter
kept them cool with wet clothes
on top of jars. Engine running
very hot.

At the California Garage they had
some good snakes including a
large Yuma King but we couldn't get
any information from "Shorty" the
owner. Left Blythe at 12¹⁰ 102°.

- 1 Gopher L DOR Blythe - fields
 - 1 " L " 2 mi. W. of Blythe fields
 - 1 longnose S " 3 " " " "
 - 1 B. alvarius " 4 " " " "
 - 1 Sonora L DOR 6 " " " " desert
 - 1 Patchnose M DOR 6 " " " " small brush
sandy desert
 - 2 Sonoras L DOR 7 " " " " " "
 - 1 Dip DOR 17 " " " " " "
 - 1 Dip DOR Hopkins Well
 - 1 Sonora L DOR " " " " " " No red
sandy desert
 - 1 " L " 2 mi W. of Hop. Well " " " " " " No red
sandy desert
- Collyrs, and dips DOR Chukawalla Valley
(Continued on Jan. 7th)

THURSDAY, JANUARY 7, 1937

7th
Day

358 Days
to come

Worked on the census table
tonight.

(May 16th Continued from Jan. 6th)

1 Patchnose DOR 7mi E. of Desert Center
Sandy desert - with brush.

1 Dip. crossing the road at 2:05 P.M.
Shower summit. The first live
lizard seen since leaving Blythe
Rested awhile at Mecca. Gnats bad
2:40 to 3:05 P.M. 102°. Cooler here.

1 Whiptail DOR at Mecca saved.

1 Gopher DOR 2mi N. of Oasis ^{grapefruit} ^{dates}

1 Dip DOR Travertine Rock
Stopped at Benson's and picked up
many snakes he had which will
be included in Zoolist. Left Benson's
at 4:45. Had been 106° today.

1 Pacific snail 1 kutter 3mi E. of Julian

1 H.T. DOR Julian (1mi. E)

1 Gopher S. DOR Wyoala grass

1 Gopher S. DOR Sutherland Trees & brush.

1 Lateralis L DOR " Grass trees

1 Gopher S DOR Shady Dell.

1 Boa S Caught on Feters 6:50 PM ^{grass} ^{rocks}

Arrived at S.D. at 7:50 Cool and cloudy
miles today 345; miles in Co. in daylight 74.
Total miles for trip 856.

FRIDAY, JANUARY 8, 1937

8th
Day

Battle of New Orleans 1815

357 Days
to come

Got the answers to the cardiogram and X-rays today. Not so good. Looks as if my field collecting may be over. Plenty of data available for calculations and papers to consume 50 years or so in the preparation.

(May 29th Continued)

at 1³⁰. It was somewhat warmer but breezy and sultry. Part cloudy. In the drive of 62 miles to Nogales only one lizard was seen. It looks like good country if the weather were OK. Shot a Skelly in a hollow 3 mi N. of Nogales. Hunted in a creek near Silvas. Saw a Sonoran whiptail.

Lost a patchnose on the road at Emery Park. This was at 5 P.M. dusk.

Back at Tucson at 5¹⁵. Now a little warmer. Ran south east a short way - then north to Oracle Junction to look over the country. Here the pavement ends. Cool and breezy. Ran back (6³⁰) 19 miles (7⁰⁵) then turned north again. This was 4 mi. N. of Tucson. Almost sunset. Some breeze. 79°. Sundown at 7²⁵. 78°.

1 Gopher DOR 15 mi. N. of Tucson Saved head.
(Continued on Jan. 9th)

Spent the day on income tax
calculations.

(May 29th Continued from Jan. 8th)

Reached Oracle Junction see more.

Now almost dark and a cool breeze blowing.
Stopped here and visited Earl B. Hoover's
Reptile Zoo. He is C. L. Evans' brother in
law. He had good series of Gila monsters,
Cinereous, black and red races, 1 oreganus,
1 large garter, 1 King snake (Boyle's) but he
doesn't know for sure where anything
came from. Said cinereous were most
plentiful in March when they are
leaving the dens and travel about in
mid-day. Gilas were most plentiful
now but it was a gamble to get them.
Started south again at 8¹⁵, 73°. Almost
totally dark.

1 Arizona S. DOR 13 mi. N. Tucson.

Reached Tucson at 9²⁵ 76°. Ran south
toward Nogales.

1 Arizona S. DOR 4 mi. N. of Sahuarita

1 Gopher M DOR Sahuarita.

Turned north again. Now 10¹⁵ 70°

Back at Tucson at 10⁵⁵. Cool but no wind.
Gave it up. In spite of excellent territory
it was too cold to hope for anything.
(Continued on Jan. 10)

SUNDAY, JANUARY 10, 1937

10th
Day

1st Sunday after Epiphany

355 Days
to come

Spent the morning on income tax.

Went to Los Angeles on the evening train.

(May 29 continued from Jan. 9)

The fact that virtually No DOR snakes were seen although the travel was rather heavy told the story. Everyone in Tucson was commenting on the unseasonable weather. A rain the day before and the resulting cold ground was as important as the air temperature in keeping them in. The lack of lizards in the daytime was also conspicuous. Also lack of daylight DORs.

Total miles today 421; after sundown 70.

A very disappointing result of a long hard trip.

From the Tucson Sunday Paper

	Yesterday	Year Ago
Max. Temp.	72	99
Min. "	54	58
Hum. 8 AM	69	26
" 5 PM	34	15

MONDAY, JANUARY 11, 1937

11th
Day

Alexander Hamilton—Born 1757

354 Days
to come

Returned from Los Angeles on the
afternoon train.

Went to a Nat. Hist. Fellows meeting
tonight.

(May 30th Continued)

back to the highway.

1 gopher DOR 6 mi E of Florence Saved

1 longnose M 3 mi. W. of Thompson. Very little
red. Brushy rocky hills.

Hunted in rocks 5 mi NE of Superior.

Got a magister (or clarkii) and a whiptail.

There is granite here which looks like xantusias.

Stopped to hunt at Summit Camp 9 mi

SW of Miami. This is on the county line

between Pinal and Gila Counties. There

is granite here but it doesn't flake well.

Maybe too high for Xantusias. Got a

ota and saw a large whiptail.

1 Gopher L DOR Wheat field. Plenty red.

Brushy area.

1 Whiptail Green Spring Creek 9 mi. E. of

Roosevelt P.O. Now warm and windy 2:15 P.M.

1 gopher L DOR On the road above Perkins

landing, Roosevelt Lake. Brush saved.

1 Patchnose DOR Ash Creek crossing 2 mi

E. of Tortilla Flat.

Whiptail observed at Tortilla Flat.

(Continued on Jan. 12)

TUESDAY, JANUARY 12, 1937

12th
Day

353 Days
to come

movie tonight

(May 30th Continued from Jan. 11)
Reached Apache Junction at 4³⁰ warm
and windy. left Phoenix at 6⁴⁵.

1 Pacific King L DOR Tolleson Fields saved
Reached Buckeye at 8 PM. Almost dark. Windy
and cool. Only too evident there would
be no collecting.

Gila Bend at 9³⁰ 75° Nothing seen.

Arrived at the County line station
near Stanwix at 10³⁰ 70° F. Not a
snake seen in the evening after Tolleson.
Drove quite slow part of the time. Maybe
a Coleonyx at Gila Bend. Another very
disappointing evening riding through
good country but with adverse weather.

Miles today 339. Quite tired from
the Apache Trail drive.

hooked over the Zoo at Apache
Junction but they had no unusual
reptiles.

Visited with Evans quite a while.
He had usual good material. 1 Tiger.
3 molosses. 1 Arizona. Said most of
it came from m = Dorell mts.

Too tired to do more than read tonight

(May 31 Continued)

- 1 Red Racer L DOR Seeley Fields
- 1 Gopher S DOR Dixieland "
- 1 Arizona L DOR " desert but near fields.
- 1 Gopher caught crossing a dirt sideroad here. Fields. Saw him moving in the distance while watching the Arizona

Checks were noted on Mountain Spring grade. A few lizards were out.

- 1 Red Racer L DOR Jacumba bush.
- 1 Gopher caught on the road at Flynn Spring. Bush + rocks. Would have been run over sure.
- 1 Patch nose small DOR Flynn Spr. Bush + rocks; saved.

1 long nose L DOR Kateview. Bush.
Reached home at 3:15. Clear and cool.

81 miles in Co. 253 miles today; 1263 miles for trip. An interesting trip but very disappointing in results because of the weather.

Went over to the Zoo and got a few specimens. Bewan and his wife were there.

Spent the rest of the afternoon and evening catching up.

THURSDAY, JANUARY 14, 1937

14th
Day

351 Days
to come

Ditto.

(June 5th Continued)

- 1 Gopher M DOR Los Alamos Valley Fields Saved
1 H.T. DOR Winchester
1 Gopher L DOR Vandeventer Flat Brush Saved
1 Pacific Kettle M DOR Vandeventer Flat Brush ^{squid} head
2 H.T. DOR Vandeventer Flat. Head scales,
large, smooth, and convex.
1 Cal Racer M DOR Ribbeswood brush
1 Horned toad DOR " Scales same as above
1 Red racer L DOR Indian Wells fields - desert et. brush
1 Red racer M DOR " " sandy desert - saved -
Reached Indio at 5:00 P.M. Warm. Clear. Strong
east w north east wind. Much dust in the
air.

1 Gopher S DOR Coachella Fields.

Too supper at Chaffee Grants near Thermal.
Left Chaffee Grants at 6:40 for the night
hunt. Not quite so much wind. About
sundown. Temp. 80°F.

Went back toward Indio and turned
east on US 60 then up the MWD road along
the base of the Chocobates. Getting very
windy. Tried several of the roads up
to the aqueduct camps. They look good
but it was very windy and quite cool.

Lost 2 snakes up Bushawalla road.

(Continued on Jan. 15th)

Back to the tabulation of the snake records - made headway tonight

(June 5th - Continued from Jan 14)

One of these was almost certainly a shovel nose.

- 1 Leafnose COR 8³⁵ 74° F Wide Canyon Camp.
- 1 " " 8⁴⁵ 75° F 2 mi. S of "
- 1 Cally DOR 2 mi. S. of Wide Canyon Camp.
- 1 Arizona S COR 4 mi. N. of Garnet 9⁰⁵ 74°
- 1 Sidewinder S COR do 9³⁰ 78°
- 1 Shovel nose L " " 9³⁵ "
- 1 Leafnose S " " 9³⁶ "
- 1 Uta stans DOR 1 mi. N. of Garnet
- 2 Leafnoses L COR Garnet 9⁵⁰ 75°

At this point we stopped to pick up one leaf nose and another started across the road. It was blowing like hell. Don't see how the snakes could navigate. They were both going with the wind.

Took the short cut - a dirt road - from Garnet to Palm Springs and made a bad mistake on this. Ran into a sandstorm in the wash and almost got stuck. Couldn't see the hood or the car or the road. Hard showers of sand and rocks for 1/2 mile. Right side of the car badly sandblasted
(Continued on Jan. 16th)

Completed the tabulation of the 14 year snake record of San Diego County — over 10,000 snakes.

Also started a tabulation of the Borego desert trips. Made good headway on this. First day which has not been disappointing for a long time. However no progress on the general rewrite of the statistical study of the rattlers.

(June 5th — Continued from Jan 15)

Toughest spot I have been in for a long time.

✓ leaf noses DOR 2½ W of Date Gardens (Palms to Pine's Junction) saved one

1 Arizona L DOR Indian Wells saved Arrived back at Chaffee's at 11¹⁵ Quite cool. Still windy but not as bad as near Garnet. Heard B. cognatus and B. woodhouseii here.

Miles today 276. Miles in S.D. Co 66 Miles running heat. after sundown 102. Good territory — would have been good collecting if no wind.

(June 5th Continued to Jan 17)

SUNDAY, JANUARY 17, 1937

17th
Day

2nd Sunday after Epiphany
Benjamin Franklin—Born 1706
Transfiguration (Lutheran)

348 Days
to come

Still working on the statistical records of the San Diego Co material. Think as a diversion I will write a short paper on lizards citing some of my field notes of the last 15 years, particularly nocturnal records etc.

Went to La Jolla in the afternoon. Clear and cold. 25 miles. Nothing seen.

(June 5th Continued from Jan. 16)
Perkins' trip tonight. HE also encountered very cool weather with much wind in Borrego. nevertheless he got 5 snakes and Benson got 8.

- 1 H.T. DOR Mussey grade.
- 1 Gopher L DOR Sutherland
- 1 Cal. King L DOR "
- 1 Alligator Lizard DOR "
- 1 Whiptail L DOR Banner. (windy here)
- 1 Arizona DOR San Felipe
- 1 Red Racer DOR "
- 1 " " Sentenac
- 1 Leafnose DOR Borrego Valley

Turned on lights at 7¹⁵.
left Bensons west bound at 7⁵⁵ 80°
(Continued on Jan. 18)

MONDAY, JANUARY 18, 1937

18th
Day

347 Days
to come

Annual election at the reptile club tonight. Talked about the snake census.

(June 5th Continued from Jan 17)

- 1 Shovel nose caught on 8 P.M. 1 mi. W. of Bensons
 - 1 Gecko do 8⁰¹
 - 1 Shovel nose caught on 8⁰⁹ 2 mi W. of Bensons
 - 1 " " " 8²⁰ 3 1/2 " " " "
 - 1 Gecko " " 8²² 4 " " " "
 - 1 Leaf nose " " 8²⁵ 5 " " " "
 - 1 Wislitz DOR 5 mi. W. of Bensons.
 - 1 Gecko 4 mi. E of Narrows 8³²
 - 1 Shovel nose caught on 2 mi. E. of the Narrows 8⁴⁰
 - Turned east again at the Narrows 8⁵⁴
 - At the county line at 9⁴⁰ got nothing this run.
 - 1 Leaf nose DOR 2 mi E of Narrows.
 - ✓ " " DOR 2 " W " " (saved)
 - 1 Gecko Magui Well.
- Reached Penterac Canyon Bridge at 10⁵⁵
 Miles evening hunt 78.
 Also suffered from the hard wind.

TUESDAY, JANUARY 19, 1937

19th
Day

Robert E. Lee—Born 1807

346 Days
to come

A very cold day.

(June 12 Continued)

- 1 Gopher S DOR Rabbit Dry Lake Brushy desert
Also whiptail here.
- 1 Gopher L DOR Rabbit Dry Lake Brushy desert
Contained 11 eggs and mammal hair.
- 1 Red Racer L DOR Rabbit Dry Lake Brushy desert.
- 1 Gopher L " " " " " "
- 1 Longnose L " Deadman's Point " "
Wide black bands. No red.
- 1 Red Racer L Shot on the road 3 mi NW of
Deadman's Point. Raised his head for
observation as usual. Brushy desert.
5¹⁵ Warm and breezy. Contained mice.
- 1 Longnose DOR L 1 mi. E. of Victorville
Rocks.

Started out on the evening drive to
Box S Spring via Deadman's Point and
Lucerne at 6⁵⁰. Clear and fairly warm.
Almost sunset. Some breeze. Sundown at
7 P.M. 76°. Looks as if it would be too
cool.

- 1 Cally DOR Box S Spring (4 mi. NW)
- 1 Arizona M Caught on the road 3 mi NW
of Box S Spring. 7⁵⁵ almost dark.
No wind. 80° F.
- 1 Leopard lizard DOR Lucerne
(Continued on Jan 20)

WEDNESDAY, JANUARY 20, 1937

20th
Day

345 Days
to come

Left for San Francisco on the
afternoon train.

(June 12 Continued from Jan. 19)

- 1 Coleonyx lost at Lucerne.
- 1 long nose DOR Squiming. Deadman's Point.
Saved. Contained mammal hair.
at 8⁴⁰ cool. $\frac{1}{3}$ moon.
- 1 Arizona DOR Saved Deadman's Point.
- 1 Arizona Caught on the road. 5 mi E. of
Victorville 8⁵⁷ 70° F.
Back at Victorville at 9¹⁰. left Chickering
at the auto camp. Took a short loop
around through Adelanto and saw
nothing returning to Victorville at 9⁵⁵.
Then took a $\frac{1}{2}$ loop through
Thorpe Lone Wolf Colony, and Deadman's
Point returning via Cal 18.
- 1 Red face L DOR Lone Wolf Colony
- 1 long nose Caught on the road at Lone
Wolf Colony. 10³⁰ P.M. 63° F. No wind
Moon down
- 1 Sidewinder caught on the road at 10⁵⁵,
63° F. 2 mi E. of Victorville.
Reached Victorville again at 11 P.M. Cool
and quiet. Picked snakes until 11³⁰.
Total miles today 292. 18 mi SD Co.
- 101 on evening drive. Cool + disappointing
(Continued on Jan. 21)

THURSDAY, JANUARY 21, 1937

21st
Day

Stonewall Jackson—Born 1824

344 Days
to come

In San Francisco. Saw Philip
at Palo Alto in the afternoon late
and evening.

(June 12 Continued from Jan. 20)

Shaw worked 6 hrs. today picking
specimens.

Perkins went to Bonego tonight and
had good luck. Truck warmer
weather than I had.

1 Patchnose DOR Mussey grade.

1 Gopher DOR Banner

1 Pacific Rattles DOR Banner

1 Red Racer DOR Yaqui Well. Had swallowed
a rabbit.

1 Shore Nose Caught Bensons 720

1 Wiy DOR 4 mi E. of Narrows

1 Gecko 1 mi E. of Narrows 835

1 " 3 " " " " 845

1 " 6 " " " " 855

1 " 3 " " " " 955

(86° at 924 at Bensons)

1 Shorenose The Narrows 1007 miles 26.3

1 Gecko " 1009

1 Leafnose " 1015

1 Boyles King Yaqui Well 1023 miles 28.6

1 Leafnose " " 1045

1 Boa " " 1047

1 Leafnose " " 1055

(Continued on Jan. 22)

FRIDAY, JANUARY 22, 1937

22nd
Day

343 Days
to come

Returned from San Francisco
on the noon train. Catching up
in the evening.

(June 12 Continued from Jan 21)

1 leafnose Caught	Yaqui Well	10	<u>58</u>	
1 Spotted Nite "	" "	10	<u>59</u>	
1 leafnose	" "	11	<u>01</u>	
1 leafnose	" "	11	<u>03</u>	miles 37.3

Then went back to Benson but got
no more. Passed Pentecost home bound
at 11⁴⁶.

Between 10⁰⁷ and 11⁰³ he got 10 snakes
in eleven miles. He should have stayed
in the vicinity of Yaqui Well.

Total miles snake territory after
dark 66.

SATURDAY, JANUARY 23, 1937

23rd
Day

342 Days
to come

Miscellaneous catching up.
Dinner tonight to Sverdrups etc.

SUNDAY, JANUARY 24, 1937

24th
Day

Septuagesima

341 Days
to come

No headway today. Not feeling
good.

MONDAY, JANUARY 25, 1937

25th
Day

Conversion of St. Paul

340 Days
to come

Saw a small gopher today caught by
Palm City by KCC.

TUESDAY, JANUARY 26, 1937

26th
Day

339 Days
to come

Went to El Cajon Pottery today ;
a clear cold day. 30 miles ;
nothing seen
Movie tonight

WEDNESDAY, JANUARY 27, 1937

27th
Day

338 Days
to come

THURSDAY, JANUARY 28, 1937

28th
Day

337 Days
to come

FRIDAY, JANUARY 29, 1937

29th
Day

William McKinley—Born 1843

336 Days
to come.

Saw Cy at the Zoo.

SATURDAY, JANUARY 30, 1937

30th
Day

Franklin Delano Roosevelt—Born 1882

335 Days
to come

Worked all day on the growth
section and made some
progress.

SUNDAY, JANUARY 31, 1937

31st
Day

Sexagesima

334 Days
to come

Worked all day on the growth
section and practically finished
the present revision. Looks as
if it would get finished.

MONDAY, FEBRUARY 1, 1937

32nd
Day

333 Days
to come

Out to dinner tonight

TUESDAY, FEBRUARY 2, 1937

33rd
Day

Purification

332 Days
to come

Recd a med. to small gopher
today from Ted Myers caught 2 mi
N. of El Cajon. Was found above
ground.

WEDNESDAY, FEBRUARY 3, 1937

34th
Day

331 Days
to come

movie and accounts tonight

THURSDAY, FEBRUARY 4, 1937

35th
Day

330 Days
to come

Drove to Los Angeles on business today. Started at 9³⁰. a clear cold day. nothing seen, 58 miles in the country. Drove back in the evening arriving at 9 P.M. a few hyles heard. with gey.

FRIDAY, FEBRUARY 5, 1937

36th
Day

329 Days
to come

Too tired to ~~do~~ more than get
ready for the week-end work

SATURDAY, FEBRUARY 6, 1937

37th
Day

328 Days
to come

Made good headway today
tabulating data for comparison of
sizes of adult males and females.
A long job. Made good headway.

SUNDAY, FEBRUARY 7, 1937

38th
Day

327 Days
to come

Made more progress today.
No wasted time. Practically
finished the comparison of sizes
of adult males and females.

MONDAY, FEBRUARY 8, 1937

39th
Day

326 Days
to come

Feeling punk tonight.

TUESDAY, FEBRUARY 9, 1937

40th
Day

Shrove Tuesday (Mardi Gras, Ala., Fla., La.)

325 Days
to come

Drove up to Los Angeles at
noon today and back in the late
evening. Count 20 miles on the
northern trip. A clear cold day
nothing seen. The roads badly
washed by recent rains. Detour at
Serra. Hyla's head at Laguna
Beach, Dana Point, San Mateo, San
Onofre, Los Flores, Stuart, Oceanside.
Back very bad tonight.

WEDNESDAY, FEBRUARY 10, 1937

41st
Day

Ash Wednesday

324 Days
to come

Went out to La Mesa Rotary this
noon. 20 miles. Nothing seen.

THURSDAY, FEBRUARY 11, 1937

42nd
Day

323 Days
to come

Worked a little on the growth
section tonight.

FRIDAY, FEBRUARY 12, 1937

43rd
Day

Abraham Lincoln, Born 1809—Georgia Day (Ga.)

322 Days
to come

At the zoo today I observed a large male attempting to mate with a female who was however entirely unresponsive.

He curls his tail under hers and the posterior part of his body jerks convulsively forward. There is no rattling. The forward part of the body and the head are quite active casting about in a rather indefinite way as if feeling or looking around. The female lies quiet. The male's tongue darts out frequently. The hemipenes are slightly everted. The tail is curled around first over the left and under; then the same over the right. He had no success and quit.

later: a few days later these snakes actually mated. Perkins made notes thereon.

SATURDAY, FEBRUARY 13, 1937

44th
Day

321 Days
to come

Worked on the growth section
all day and evening and made
good headway. Finished tables
9 and 10.

SUNDAY, FEBRUARY 14, 1937

45th
Day

1st Sunday in Lent
St. Valentine's Day

320 Days
to come

Worked over the growth section this morning and got in a few good licks.

Out to lunch - didn't get back until 5 P.M. In the evening took up Table II in earnest. Will practically have to do this over completely.

MONDAY, FEBRUARY 15, 1937

46th
Day

Battleship Maine Destroyed 1898

319 Days
to come

Worked a little at noon

Started for LA at 3 P.M. were going to take the train but they were not sure it would get through because of wash outs. A cool wet evening. Count 20 miles in the country - nothing seen. With Holloway, Barley, & Dillin

TUESDAY, FEBRUARY 16, 1937

47th
Day

318 Days
to come

At the RR Commission all day.
Returned in the late evening.
Heard a great yarn about gopher
snakes attacking cows by a street
faker

WEDNESDAY, FEBRUARY 17, 1937

48th
Day

Ember Day

317 Days
to come

THURSDAY, FEBRUARY 18, 1937

49th
Day

316 Days
to come

FRIDAY, FEBRUARY 19, 1937

50th
Day

Ember Day

315 Days
to come

SATURDAY, FEBRUARY 20, 1937

51st
Day

Ember Day

314 Days
to come

Worked part of the day on Table 11
and made some headway. Gave
considerable time to Shosty's kid
party which was held tonight.

SUNDAY, FEBRUARY 21, 1937

52nd
Day

2nd Sunday in Lent

313 Days
to come

Tired after the party but made
some headway on Table 11.


MONDAY, FEBRUARY 22, 1937

53rd
Day

George Washington—Born 1732

312 Days
to come

Finished Table II in the morning
and then called on Perkins and
discussed the length paper in
general.

Color notes on 2 *Bonora episcopa*
from Coahuila. I has a dorsal
stripe 1 scale wide ; in the
other it is 7 rows wide; the
latter also has some orange spots
on the underside of the tail.

Got in some good ticks in
the afternoon and evening.

TUESDAY, FEBRUARY 23, 1937

54th
Day

311 Days
to come

WEDNESDAY, FEBRUARY 24, 1937

55th
Day

St. Matthias

310 Days
to come

Went to Los Angeles on business
on the morning train.

THURSDAY, FEBRUARY 25, 1937

56th
Day

309 Days
to come

Returned from Los Angeles on
the afternoon train.

Cook called this afternoon
late and told me of his work
in the post office.

Bought a lot of "Outdoor Life"
in LA today to get some of
Bevan's articles.

FRIDAY, FEBRUARY 26, 1937

57th
Day

308 Days
to come

Went through a lot of "Outdoor Lipes"
tonight.

SATURDAY, FEBRUARY 27, 1937

58th
Day

307 Days
to come

Worked all day and evening
on the growth paper and made
some headway.

SUNDAY, FEBRUARY 28, 1937

59th
Day

3rd Sunday in Lent

306 Days
to come

Worked all day (except out to lunch)
on the growth paper and made
good headway.

MONDAY, MARCH 1, 1937

60th
Day

305 Days
to come

Did a little work on the growth
paper tonight.

TUESDAY, MARCH 2, 1937

61st
Day

Texas Independence Day

304 Days
to come

Went to El Cajon Rotary this morn.
Out Broadway; back via Fletcher
Hills. A fine warm day; nothing
seen. 30 miles.

Went to a movie tonight.

WEDNESDAY, MARCH 3, 1937

62nd
Day

303 Days
to come

Out to dinner tonight.

THURSDAY, MARCH 4, 1937

63rd
Day

302 Days
to come

Saw Abbott today. Told him an occasional paper would soon be ready.

FRIDAY, MARCH 5, 1937

64th
Day

301 Days
to come

Went to Leslie Howard in
Hamlet tonight.

SATURDAY, MARCH 6, 1937

65th
Day

300 Days
to come

Worked all day and evening
on the length section and made
good headway closing up odds
and ends.

SUNDAY, MARCH 7, 1937

66th
Day

4th Sunday in Lent (Mid-Lent)

299 Days
to come

Wrote the conclusions to the
length section. Began to lay
out the revision of the weight
section. Miscellaneous work in
the basement. Looked over the
BM types of omiltemanus and
omiltemanus pallidus. The former
is a valid subspecies, but not
for the reasons given by Gloyd.
Left for LiA. in the 7 PM train.

MONDAY, MARCH 8, 1937

67th
Day

298 Days
to come

Returned from Los Angeles on
the afternoon. Spent the evening
catching up.

Read today a small gopher
from El Cajon caught by Cannon.

TUESDAY, MARCH 9, 1937

68th
Day

297 Days
to come

Getting ready for tomorrows
talk.

WEDNESDAY, MARCH 10, 1937

69th
Day

296 Days
to come

Talked to the Wednesday Club
on books.
miscellaneous work tonight.

THURSDAY, MARCH 11, 1937

70th
Day

295 Days
to come

Cook reported and brot. in
a small gopher, caught on
Reynard Key.

FRIDAY, MARCH 12, 1937

71st
Day

294 Days
to come

Checked the growth section with
Perkins.

Worked on weight tonight.

SATURDAY, MARCH 13, 1937

72nd
Day

293 Days
to come

Worked all day and evening
on weight regression curves.
Made good headway but it
takes plenty of time for computations.
Got 4 specimens from Mrs.
Melny via Mrs. Bancroft.

SUNDAY, MARCH 14, 1937

73rd
Day

5th Sunday in Lent (Passion Sunday)

292 Days
to come

Worked all day on the weight-length section. Made good headway revising the old section but didn't do so well on the scatteration of the weight readings about the regression curves. This is going to be tough.

Pickled a few specimens and did some miscellaneous catching up.

MONDAY, MARCH 15, 1937

74th
Day

291 Days
to come

Went to the reptile club
tonight. Dr. Cockerell received
Curran and Kauffeld's new
book on snakes

TUESDAY, MARCH 16, 1937

75th
Day

290 Days
to come

Walker told me of a large red
rattles from the vicinity of March
Field. (Entered in record)

WEDNESDAY, MARCH 17, 1937

76th
Day

St. Patrick's Day

289 Days
to come

THURSDAY, MARCH 18, 1937

77th
Day

288 Days
to come

Considerable work on weight-length
correlation tonight.

FRIDAY, MARCH 19, 1937

78th
Day

287 Days
to come

Considerable work on correlations
tonight.

Philip came home late tonight.

SATURDAY, MARCH 20, 1937

79th
Day

First Day of Spring

286 Days
to come

Didn't do so well today. Still working on the dispersion of the weight-length correlation, and need some more correlation tables completed before the results can be written up. Did get some tabular sheets prepared for future work.

SUNDAY, MARCH 21, 1937

80th
Day

6th Sunday in Lent (Palm Sunday)

285 Days
to come

Cleaned up everything preparatory
to getting the forms for calculating
the W-L dispersions.

(May 14th Continued)

1 Desert Gopher DOR Oasis Riv. Co. 9¹⁰

1 Shorel nose caught on the road 3 mi. SW of Mecca
9²⁰ 92° warm and windy.

Coyotes heard along here and up to Mecca

1 Gecko DOR Mecca

9³⁵

✓ Geckos on the road 4 mi. E of Mecca. Caught 1

lost a snake 4 mi E. of Mecca at 9⁴²

1 Leaf nose caught on the road 5 mi. E of Mecca
9⁴⁵ - 92 F. (Gloyd got this one).

Geckos seen at Hidden Spring and Shavers Well.

1 Sidewinder DOR Shavers Summit.

1 Patchnose DOR 3 mi. E. of Shavers Summit (light
atryse)

1 Arizona DOR Hayfield (sawd head)

1 Leafnose L caught on road 5 mi W. of Desert Center
10⁴⁵, 86° F, No. Wind.

1 Arizona L DOR Desert Center. Warm
no wind. Moon nearly down 90°. 11 PM.

1 Sonora L DOR Desert Center (sawd)

1 Sidewinder caught on the berm. Chuckwalla
Valley. 11³⁰ warm; no wind, 89°.

1 Sidewinder L DOR 11⁵⁰ Hopkins Well (6 mi)

1 " " " 11⁵² 5 mi. W " "

1 Sonora L DOR Hopkins Well.

(Continued on March 22)

Went to a meeting at Esccondido tonight with Al. May and Dell. Cold and rainy. Many frogs heard. Count 20 miles; nothing seen.

(May 14 Continued from March 21)
1 Arizona L DOR 2 mi. E. of Hopkins Well.

1 Sonora caught on the road 7 mi. E. of Hopkins Well 12^{1/2} 87° F.

1 Yuma King Snake S. DOR 4 mi. ^W E. of Blythe Saved.

Arrived at Blythe at 12⁴⁵ and put up at Auto Camp. Quite tired. Temp. said to have been 111° F in Blythe today. Pickled specimens and turned in miles today 23 1/2. Count 82 miles in San Diego County in daylight.

Gloyd and his partner then returned to their camp while we preserved specimens and then turned in.
(This entry belongs at end of May 15)

232
91
141

TUESDAY, MARCH 23, 1937

82nd
Day

Tuesday in Holy Week

283 Days
to come

General Motors show tonight.
Also some calculating.

WEDNESDAY, MARCH 24, 1937

83rd
Day

Wednesday in Holy Week

282 Days
to come

got some tabulating done tonight.

THURSDAY, MARCH 25, 1937

84th
Day

*Maundy Thursday (Annunciation)
Maryland Day*

281 Days
to come

Tabulating done tonight.

FRIDAY, MARCH 26, 1937

85th
Day

Good Friday

280 Days
to come

Calculating waight curves
tonight.

SATURDAY, MARCH 27, 1937

86th
Day

Easter Even

279 Days
to come

Worked all day on the length-weight correlations and made poor progress. Much difficulty with numerical errors even when using machines. This section has taken altogether too long.

They returned today from a trip into SW Arizona. Got 4 specimens; 2 horned toads and 2 rattlers;

SUNDAY, MARCH 28, 1937

87th
Day

Easter Day

278 Days
to come

Worked all day and evening
on waight and did a little
better, but it is still far from
complete.

MONDAY, MARCH 29, 1937

88th
Day

Monday in Easter Week

277 Days
to come

Some work on the Wright series
tonight

TUESDAY, MARCH 30, 1937

89th
Day

Tuesday in Easter Week

276 Days
to come

Wright calculations tonight.

WEDNESDAY, MARCH 31, 1937

90th
Day

275 Days
to come

Out to dinner with the
Willard Thorps.

THURSDAY, APRIL 1, 1937

91st
Day

274 Days
to come

Thorp at Rotary today.

FRIDAY, APRIL 2, 1937

92nd
Day

273 Days
to come

Saw Perkins today. He had
a very queer Amora occipitalis
belonging to Bob Hoard from Amora.
Looks like a good subspecies.
Movie tonight.

Miss Buss reported a ring-neck
from San Diego

SATURDAY, APRIL 3, 1937

93rd
Day

272 Days
to come

Worked all day and evening
on the waight section. Practically
finished now. Only odds and
ends to clear up.

SUNDAY, APRIL 4, 1937

94th
Day

1st Sunday after Easter (Low Sunday)

271 Days
to come

Worked all day putting the finishing touches on the Wright section. It is now almost complete except for incidental pickups here and there.

Gave the book talk at O'neills tonight.

Got an adamanteus from Allen
and a basiliscus from Snakeking
today.

Miscellaneous work on the
growth - weight section tonight.
All finished except a few odds and
ends.

Perkins' DOR list of today

- 1 Red racer Miramira Grade DOR
- 1 " " Kearney mesa DOR.
- 1 Garter Murphy Canyon DOR.

He reported after conferring with
people that it was already late
for red rattlers, not with standing
rain and cold weather.

TUESDAY, APRIL 6, 1937

96th
Day

269 Days
to come

Turned the growth paper over to
Abbott today.

Philharmonic tonight.

Gander reported nothing seen
on the Bongo road tonight.

WEDNESDAY, APRIL 7, 1937

97th
Day

268 Days
to come

Hancock back today with
21 or 20 tortugensis and 1 molossus
from San Esteban Island. Also a
miscellaneous lot of lizards. The
molossus looks stunted, otherwise
not different. Milked several snakes
tonight.

THURSDAY, APRIL 8, 1937

98th
Day

267 Days
to come

Some statistical work tonight.

FRIDAY, APRIL 9, 1937

99th
Day

266 Days
to come

Photographed 4 snakes this morning.
Talked to the first aid club of San
Diego tonight on snakes.

SATURDAY, APRIL 10, 1937

100th
Day

265 Days
to come

Worked on Co business in
the morning.

Weighed the tortuguensis at
the Zoo in the afternoon.

Put the finishing touches on
the growth paper today, picking
up a few items calculated last
week. This took all evening.

SUNDAY, APRIL 11, 1937

101st
Day

2nd Sunday after Easter

264 Days
to come

Pickled specimens
added final touches to growth

papers.
Put away all loose rattler
sheets.

Took a first look at the head-length
section again. Doesn't look
as if this would be as hard
to do over.

(Hell. It took nearly a year
to do it over. Copy for photograph-
my was being made 4-11-38)

MONDAY, APRIL 12, 1937

102nd
Day

263 Days
to come

Recd today from P.M. Myers a
large case King from Lemon Grove.
Went to the Fellows meeting
tonight. Bill Penkerton showed movies.

TUESDAY, APRIL 13, 1937

103rd
Day

Thomas Jefferson—Born 1743

262 Days
to come

People in to dinner tonight.

WEDNESDAY, APRIL 14, 1937

104th
Day

Solemnity of St. Joseph (Lincoln Assassinated 1865)

261 Days
to come

Hobart Smith called this afternoon and started work in the basement on Sceloporus working late into the night.

Worked tonight on the new form for Chi-Square test for Goodness of Fit.

THURSDAY, APRIL 15, 1937

105th
Day

260 Days
to come

Hobart Smith worked in the
basement all day. Finished my
skullies.

Stayed for supper and we
talked odds and ends until 10⁰⁰.

FRIDAY, APRIL 16, 1937

106th
Day

259 Days
to come

Hobart Smith worked at the Natural History Museum today. Had a final chat with him tonight.

Read from Tiny Collins a large Cal King. from Alpine Hts which had swallowed a gopher nearly as long. Relative lengths: King = 1118 mm.; gopher = 897 mm. They found the King swallowing the gopher, and it completed the job they put it in a cage and later it disgorged the gopher.

1 Gopher DOR painted rocks per Perkins.

Spent the morning pickling specimens and comparing χ^2 on an ordinate basis and on an area ^{basis} quite different results on *Platteville supralabials*.

got some good data on Snake-King's specimen of *basiliscus* from near Colima.

This afternoon at $\approx 4^{\underline{5}}$ started for Corte Madera arriving at $4^{\underline{20}}$, a clear warm day.

1 Boyles King small DOR chollas
H₂ grass

Hylas were heard tonight.

$\frac{1}{2}$ miles

Perkins's Trip

- | | |
|-----------------------------|-------------------------------|
| 1 Gopher DOR | Santee |
| 1 Garter DOR | Mussey grade |
| 1 Cal King DOR | Ramona |
| 1 Cal Race DOR | Santa Isabel |
| L.T. Uta caught | Drylake 6 ⁴⁵ P.M. |
| 1 Gecko at Bensons | 70° F at 7 ¹⁵ P.M. |
| 1 Gecko 3 mi. E. of Narrows | |
| 1 " 2 " " " | " |
| 1 " 4 " W " | Bensons 9 ²⁰ P.M. |

SUNDAY, APRIL 18, 1937

108th
Day

3rd Sunday after Easter

257 Days
to come

At Corte Madera all day.
Utas and skellies were seen.
A few to go turned over. Nothing
found. A warm day; some
clouds.

Returned at 5 P.M. arriving
at 6³⁰. 52 miles. 1 striped
rocker DOR. at top of new
Vieja Grade. Grass & rocks.

MONDAY, APRIL 19, 1937

109th
Day

Patriots' Day (Mass., Me.)

256 Days
to come

Went to meeting of the Reptile Club tonight. Discussion of snake enemies. Not much really original material.

Perkins reported Cooper's Hawks eat snakes in Colorado; probably bull snakes.

Gardner reported ospreys catch swimming snakes, even rattlesnakes, in the south west. One was said to have caught a rattler.

Dawson tells the road runner rattler story in typical fashion.

Bulletin Naturalists Club of Southern California July 1929, Vol. 7, No. 4 contains a good story of a rattler eating a small captive rattler.

Bryant's paper on Road runner was mentioned.

TUESDAY, APRIL 20, 1937

110th
Day

255 Days
to come

A few concolor counted today

Perkins' trip to Borego May 1

1 longtailed Uta Dry Lake	7 ⁰⁵	82°
1 Gecko Co. line	7 ²⁵	
1 longtailed Uta Dry Lake	7 ⁵⁰	
1 Gecko " "	7 ⁵⁶	
1 " 4 mi. W. of Bensons	8 ²⁰	
1 " 5 " " " "	8 ²⁷	
1 " 4 " E of Narrows	8 ⁴⁰	82°
1 Sonora (alive) 3 mi. E. of Narrows	8 ⁴⁵	
1 Gecko 1 mi. E. of Narrows	8 ⁵⁵	
1 " 5 " " " "	9 ⁴⁵	
1 Sonora (alive) 4 mi. W. of Bensons	9 ⁵⁵	80°
(gave me)		
1 Gecko 2 mi. W. of Bensons	10 ³⁴	
1 Arizona 5 mi. E. of Narrows	10 ⁴⁰	

This represents 62 miles of night collecting on the desert.

Recd today a large DOR
m. lateralis from Lee's Valley; also
an a. pulchra from Coronado.

(May 2 continued from April 23^d)

1 Gecko The Narrows 9⁰⁰ 83°

(Getting much cooler as we go toward
Sentenac)

1 Gecko 3 mi. E of Yaqui Well. 79° 9¹⁵

1 Leafnose DOR Yaqui Well 74° 9²⁰

1 Spotted Night, Sentenac Canyon just
above the ledge 75° 9²⁵. Backed
over him.

1 Trimmer photo on top of Sentenac (call it
San Felipe) saved. Fine condition.
Squirring when found.

Miles today: Outside of Co 120
Inside 131

Of the latter take 18 as in daylight
and 41 as desert night drawings.

On the whole the trip was
a disappointment, although not barren.
Air temperatures were good; evidently
ground temperatures were too low.

Today rec'd back the first 6 cards from the Montana-Wyoming-Nebraska-N.D. series.

(May 2 Continued)

About eleven AM and went on to Calerico where we lunched. Hunted in good mesquite hummocks 15 mi. W. of Calerico but no luck, it being too hot. These ought to be good for night collecting.

1 Red Racer M DOR Bond's Corner W. Fields (saved)

2 Small gophers DOR 305 mi N. of Calerico Inn. Fields
(Call the latter Helix)

1 Red Racer L DOR Helix Inn. Fields

1 Gopher S DOR Imperial " "

1 " M " 2 mi. N. Imperial " "

1 " S " Keystone " "

1 Whiptail 5 mi. W. of Westmoreland.

Parked 2 hrs at Kane Springs Junction waiting for it to get cooler.

Hunted a short time 4 mi. W. of the Junction in mesquite hummocks. Too hot 97°. Nothing seen.

Reached Benson's at Dry Lake at 6¹⁰. Scudom. 90°. It is easy to see why the collecting is better within S.D. than Imperial Co. Even in the daytime there is quite a difference in terrain and vegetation. S.D. Co is more rough and rolling.

(Continued on April 23^d)

FRIDAY, APRIL 23, 1937

113th
Day

252 Days
to come

Recd 21 cards back tonight. Went to the Zoo and Natural History Museum this noon. Got the Growth mss. back from Abbott today.

(May 2 continued from April 22) and with much more vegetation. The other is barren, sandy flat.

Drove to Yaqui Well; saw nothing; then back to Co line. Yaqui Well 85°; breezy 7 PM.

1 Uta graciosa caught on The Narrows. 7:55, 84°

1 Sidewinder med. caught on The Narrows 7:10

85°. He went for me but was probably bound for the protection of the car. Almost dark

1 Sonora caught on 4 mi. E. of the Narrows 7:25

86° Breezy. Almost entirely dark.

1 Gecko 6 mi. E. of the Narrows 7:30 Dark 86°

1 " 10 " " " " " 7:45, 88°, some breeze

1 Sidewinder DOR Dry lake saved 5.

Turned again at County line 8 P.M. 88°

Very slight breeze. Entirely dark. No moon.

1 Gecko 8:10 Dry lake

1 " 8:12 " " 90° left Bensons at 8:25

1 Sonora DOR Dry lake saved 89°

1 " Small " " " "

1 Gecko 5 mi. W. of Dry lake 8:45

1 Large Long nose caught on beam 8:50

8 mi. W. of Bensons 88° = The Narrows.

(Continued on April 21)

Spent the day with some final details of the growth paper; also some preserving.

(April 25 continued)

- 1 *Coleonyx* caught 6½ mi. W of Bensons
8³⁵; 78°F. Windy.
- 1 *Coleonyx* caught on 8 mi. W. of Bensons
8⁴⁰; 77°F
- 1 *Coleonyx* caught on 8¼ mi. W. of Bensons
8⁴⁵; 76°F
- 1 Red Racer L DOR The Narrows
- 1 Arizona L DOR The Narrows Saved 8⁵⁰
- 1 *Coleonyx* caught on 7 mi. W of The Narrows
9 P.M.; cool and windy; 73°F
- 1 *Coleonyx* caught on 2½ mi. W of The Narrows
9⁰⁵; little wind; 70°F
- 1 Longnose M DOR Yaqui Well Saved
70°F
- 1 Longnose L DOR San Felipe Valley
Saved

It was now quite cool — some fog toward the coast. Reached home at midnight.

There was a full moon tonight and it was rather cool. Not the peak of the season yet.

SUNDAY, APRIL 25, 1937

115th
Day

4th Sunday after Easter (St. Mark)

250 Days
to come

Spent the day preserving and taking care of specimens. Also a little preliminary work on head-length.

At 4 P.M. started for Borego with Shorty, the Heynemans, and Tony Green. A clear warm day - some wind.

1 Banded Racer DOR L Brush-Trees.

Ramona. Saved head.

1 Gopher S DOR Ramona grass

Reached Julian at 6 P.M.

Top of Sentenac at 6³⁰ dusk;

quite cool windy

1 Alligator Lizard L DOR Top Sentenac.

at the Narrows 6⁵⁰ windy & cool.

1 Long nose M. caught crossing the road $2\frac{1}{2}$ mi. E. of the Narrows. A little light remains. 7 P.M.; 76° F.

1 Sidewinder medium 1.6 W. of Co. line (= Dry lake) caught on the road. 7²⁵ P.M.

Quite dark. Windy. 80° F.

1 Leaf nose DOR Dry lake
Saved 7⁵⁵ Windy.

Stopped at Bensons at 8 P.M.

Cool and windy. He gave me 4
Dips; 4 Coleonyx; 1 small Sowra.

Said too cool for good collecting yet

(Continued on April 24)

MONDAY, APRIL 26, 1937

116th
Day

249 Days
to come

Recd 47 cards back from
Mont - S.D. - Neb - Wyo today -
some with very good notes.
Had the box put on the car
today.

Took Bensons specimens to
the Zoo.

Miscellaneous catching up tonight.

TUESDAY, APRIL 27, 1937

117th
Day

U. S. Grant—Born 1822

248 Days
to come

Only 5 cards returned today -
a great disappointment after yesterday.
However they were mailed Friday
and Saturday. May do better with
Monday mailing.

WEDNESDAY, APRIL 28, 1937

118th
Day

247 Days
to come

not a card received today.
Talked to the girls of the
Company on book collecting
tonight.

One card received today.

(May 1 Continued from April 30)

The results were so poor we decided to drive east; started here at 9, and drove 28 miles east of Yuma beyond the Gila Mts. before turning back. Here we did a little better.

1 Small Argyria on the road 9 mi. E. of Yuma caught.

1 Sidewinder DoR 10 mi. E. of Yuma. (Araby)

Turned back at 10 P.M. Temp. 84° F.

1 Sidewinder S DoR 25 mi. E. of Yuma (Liquita)

✓ Adult Pyrrhus (a pair) found on the road not over 10 ft. apart 18 mi. E. of Yuma. The male was badly hurt but we didn't know this until later. Both seemed in fine condition. Had they been mating when he was struck? This was on the west slope of the Gila Mts.

Returned to Yuma (Peach Auto Court)

at 11:25. A very disappointing evening; except for the pyrrhus. Conditions were ideal. Must have been too early.

miles in country 81

miles to Yuma 178

miles evening drive 110

Total today 288.

FRIDAY, APRIL 30, 1937

120th
Day

245 Days
to come

Two cards received today. Not many more to be expected.

Talked on books at the University Club this noon.

Spent the evening getting ready for the Yuma Trip tomorrow.

(May 1st Continued)

1 Red Racer M. DOR Meloland. Inv. fields. Arrived at Yuma at 3³⁰ and talked with K.P. Schmidt, L.L. Walters, and Prof. Emerson until 6 P.M. Had a fine visit discussing many subjects.

Left Yuma for the evening hunt at 6¹⁰ PST. Just about sundown. Clear and warm. Looked good, but results were terrible. Drove back and forth throughout the irrigated area until about 9 P.M. and didn't see a snake dead or alive. Neither did the other car with Walters and Tony. A few toads on the road. The other car got all three species. Went over all the roads around Somerton, Gadsden, and down to San Luis. No wind, warm and no moon. At one point we met ~~the~~ another car and caught some woodhousii in a ditch. They were heard everywhere; did not hear cognatus. Another car went into the ditch here
(Continued on April 29)

SATURDAY, MAY 1, 1937

121st
Day

St. Philip and St. James

244 Days
to come

Got 3 cards back today.

8⁵⁰ This morning started for Yuma at
with Tony Green. A clear warm day.

- 1 Gopher S. DOR Chollas Hts. Grass
- 1 Banded Racer M DOR Jamul Grass-Brush.
- 1 Longnose M DOR Jamul Grass
- 1 Gopher S DOR Jamul Grass-Creek
- 1 Banded Racer M DOR Cottonwood (BandtPo) Brush
- 1 Red Rattles S DOR Cottonwood grade-Brush.
- 1 Alligator lizard L DOR Campo.
- 1 Horned toad caught on at Boulevard.
- 1 Gopher S. DOR Boulevard

It was windy and somewhat cool
from Campo to Boulevard, warm at
Mountain Spring.

We hunted for a short time at Mountain
Spring. Got 2 X. henshawi, saw a few
Uta mearnsi and 1 Orcuttii. Not many
lizards were out.

Desert gopher M and 1 S DOR Seeley
Irrigated fields.

It was good and warm east of
Coyote Wells. There was little wind.
A number of dips were scampering about
on the road and 1 whip. Stopped at a
mesquite hummock near Coyote Wells. No luck
hunted at El Centro.

(Continued on April 30)

SUNDAY, MAY 2, 1937

122nd
Day

5th Sunday after Easter (Rogation Sunday)

243 Days
to come

This morning we started from Yuma at 7 PST. It was clear and cool. 1

1 Red Racer DOR Winterhaven. Inr. fields.

1 Redwinder DOR Ariz

1 Leopard lizard. DOR Ariz.

Stopped 14 miles west of Yuma and worked some mesquite hummocks. There were plenty of sidewinders and sonora tracks. Saw plenty of umas and caught 1 very large one. He went in at least 4" below the surface. The surface was very warm but it was cold below, at his depth. Got him by probing but broke his tail. Got a large female sidewinder 730 mm. long at the foot of a mesquite and about 18" from the entrance to a hole. Had its head and neck elevated and in the hollow of the mesquite. There was a hollowed out place in the trunk. Was all in the shade. This was at 8³⁰. It was warm but no wind. Tony got a sonora here under a board.

Went on to the highway station in the sand hills. The rest of the bunch worked but I stayed in the car. They got dips, umas, coleonyx (under boards) and Uta graciosa. Tony and I left them
(Continued on April 22)

MONDAY, MAY 3, 1937

123rd
Day

Rogation Day

242 Days
to come

Saw Perkins at noon today.

Noticed captive coleonyx digging in sand. They dig with either front or hind feet.

7 cards need today.

Pickled specimens tonight until 10.

TUESDAY, MAY 4, 1937

124th
Day

Rogation Day

241 Days
to come

Out to dinner tonight
No cards received.

WEDNESDAY, MAY 5, 1937

125th
Day

Rogation Day

240 Days
to come

Schmidt, Walters, and Emerson called tonight. Had supper. Talked herpetology with Schmidt until 11. The others visited friends.

THURSDAY, MAY 6, 1937

126th
Day

Ascension Day

239 Days
to come

Started for San Francisco with
Mom at 4 P.M. driving as far as
Los Angeles. Cloudy and cool.

1 Gopher S. DOR Rose Canyon grass

1 " L " Del Mar "

1 ? Encinitas

1 Gopher med. DOR Agua "

1 Red Racer L DOR San Onofre fields

1 Gopher S DOR San Mateo "

54 miles in the County.

Caught the sunset at 8 P.M.

FRIDAY, MAY 7, 1937

127th
Day

238 Days
to come

Spent the afternoon at MVZ looking over rattlers. Saw Gunnell and Benson; Linsdale and Fitch were out collecting. Bought 6 statistical texts. The second hand bookstores in Berkeley are good.

Meeting at Dean Morris's
Office at Stanford in the morning.
USC - Stanford track meet in the
afternoon. Movie with Paul and
A.J. in the evening.

Perkins trip of tonight 4²⁰ - 2 AM

Borego country

- | | | | |
|---------------|----------|-------------------------|---------------|
| 1 gopher | DOR | | Pantodipalzel |
| 1 Pacific Rat | DOR | | " |
| 1 Gecko | 7:32 | Narrows | |
| 1 " | 7:34 | " | |
| 1 X. henshawi | 7:38 | " | |
| 1 Arizona | 7:44 | " | |
| 1 Gecko | 8:00 | 3 mi. E. of the Narrows | |
| 1 " | 8:15 | 6 " " " " | |
| 1 " | 8:34 | 2 " W of Dry lake | |
| 1 Sonora | 8:36 | 2 " " " " | |
| 1 Gecko | 8:46 | Dry lake | |
| 1 Cally | DOR 8:51 | " | |
| 1 Gecko | 8:56 | " | |
| 1 Cally | DOR 9:28 | " | |
| 1 " | " 9:30 | " | |
| 1 Gecko | 9:36 | " | |
| 1 " | 9:40 | " | |
| 1 " | 9:45 | " | |
| 1 Sonora | 9:46 | " | |
| 1 Gecko | 10:41 | " | |

(Continued on May 9)

SUNDAY, MAY 9, 1937

129th
Day

Sunday after Ascension (Mothers' Day)

236 Days
to come

Skerrin came down to the Fielding
Hotel and we talked for an hour
this morning
Movie in the afternoon
Caught the Sunset for home this
evening

(May 8th - Continued)

- | | | |
|---------------|-------|------------------------|
| 1 Gecko | 10:46 | 5 mi. W. of Dry Lake |
| 1 " | 10:50 | " " |
| 1 Sonora | 10:54 | 6 " " |
| 1 Gecko | 11:15 | The Narrows |
| 1 " | 11:17 | " |
| 1 " | 11:19 | " |
| 1 Shovel Nose | 11:23 | " |
| 1 Gecko | 11:37 | 2 mi. W of The Narrows |
| 1 Sidewinder | DOR | 2 mi W. of The Narrows |

MONDAY, MAY 10, 1937

130th
Day

Confederate Memorial Day (N. C., S. C., Ky.)

235 Days
to come

Drove down from Los Angeles
this morning. Clear and warm.
Started at 8⁴⁰ and arrived at 11²⁰.

54 miles in S. D. County

1 Gopher S. DOR El Toro Fields

1 Arizona L DOR (dark) on San Mateo Bridge

2 Gophers M DOR Agua Fields

1 Red Racer L DOR Encinitas Grass

Squirmy - saved.

Went to a Fellows meeting at the Tolla
this evening. Took Huey Sackett

TUESDAY, MAY 11, 1937

131st
Day

234 Days
to come

Called at the Natural History museum
this noon and checked with Omar.
Also some material to Huey for his
trip to Sw. Arizona tomorrow.

Saw Perkins after 5PM and got
material accumulated during the
past week.

Worked hard in the basement
tonight.

WEDNESDAY, MAY 12, 1937

132nd
Day

233 Days
to come

Noted tonight a young Adamanteus today which squirted from the anal glands while backing up on the table. Squirted at high pressure in both directions a long fine spray. Continued to do this when held in the hand.

Noted a little Oreganus which exhibited the king snake reaction when placed in a jar with a Scorona occipitalis.

Pickled snakes tonight to catch up. Worked very late.

THURSDAY, MAY 13, 1937

133rd
Day

232 Days
to come

Spent some time tonight packing
for the trip tomorrow.

Noted a black-race taken by
Bob Hoard 7 mi. S. of Ensenada.
This goes to young Cy.

Huey advises me that some
remains removed from a Rhinocheilus
are probably Dipodomys merrisii
simiolus.

FRIDAY, MAY 14, 1937

134th
Day

U. S. Constitution Drawn up 1787

231 Days
to come

Today at 4⁰⁰ started from the house for a trip to meet Gloyd at Wickenburg. Left the Zoo with Perkins at 4²⁰. It was then clear and warm.

1 Lateralis L DOR Fletcher Hills Grass

1 Gopher M " " " "

1 H.T. caught at Lakeside

1 Gopher L DOR Mussey Grass

1 Patchnose M DOR Ramona Brush-fields

1 Rubber S DOR (Squirming) Sutherland Brush Saved

1 Patchnose M DOR Bullena Brush

1 Lateralis M DOR Wynola Trees

1 Gopher S DOR Julian Trees Saved

1 Patchnose M DOR Banner Brush Black head

1 Red Racer M DOR TopSentenac Rocks - Light brush

lost a H.T. near the Narrows. Almost dark here

Stopped at Bensons at 7³⁰ to pickle specimens.

We passed up a few geckos but nothing else.

Left Bensons at 7⁴⁰. 1/3 moon. little or no

wind 93° F. 91 miles to here.

1 Shovel nose caught on the road 5 mi. E. of

S.D. - Imperial Co line, 7⁵⁰ - 93°

1 Shovel-nose S DOR 3 mi N. Kane Spr. 8¹⁵ Hot & windy

(Call this Sea View)

1 Coleonyx DOR Winona

1 Sidewinder L, caught on the berm, at

Truckhaven, 8⁴⁰ - 98° warm and windy.

This later given to Gloyd
(Continued on March 21st)

SATURDAY, MAY 15, 1937

135th
Day

230 Days
to come

- A clear warm day in Blythe.
- Note at 6³⁰ PST (all times hereunder are Pacific not Mountain time, even in Arizona).
- Ready to start at 8. Now quite hot.
- 1 Dip observed at Ehrenburg.
 - 1 C.c. baileyi DOR Dome Rock Mts.
 - 1 Dip DOR Dome Rock Mts.
 - 2 Chucks caught in Dome Rock Mts (8 mi W of Quartzsite)
 - 1 Chuck observed at Quartzsite.
 - 1 Uta stans caught lost at Quartzsite
 - 2 Whiptails caught at Quartzsite
 - 1 Cally DOR 3 mi. E. of Quartzsite.
 - 1 Cally shot (perched high on rock) 5 mi. E. of Quartzsite.
 - 1 Longnose DOR 7 mi. E. of Quartzsite (saved head)
 - 1 Whip seen 7 mi. E. of Quartzsite
 - 1 Cally + 1 Chuck 8 mi. W. of Brenda (observed)
 - 1 Chuck 5 mi. W. of Brenda (observed)
 - Cally observed 4 mi. W. of Brenda
 - 1 Arizona DOR M Brenda Rocky desert
 - 1 Dip and 1 Cally (saved) DOR Desert wells (= 7 mi. E of Brenda)
 - 2 Dips and a Whip shot 2 mi. W. of Dunn (Dunn = 8 mi E. of Brenda)
 - 1 Sonora, 2 mi. E of Dunn DOR L saved for identification.
 - 1 Dip. DOR 2 mi. E. of Dunn (saved).
- (Continued on Jan. 1)

SUNDAY, MAY 16, 1937

136th
Day

Whitsunday (Pentecost)

229 Days
to come

This morning we started for home at 8 P.S.T. It was clear, hot, and quiet.

1 Cally DOR 1 mi. W. of Wickenburg
1 Arizona DOR M 3 mi. W. of Wickenburg ^{Brushy desert}

1 Cally DOR 7 mi. W. of Wickenburg

1 Whiptail Forepaugh

1 Platyrhinos Forepaugh.

1 Cally DOR 4 mi E. of Aquila

Whips, leopards and cally at Golden

1 Cally DOR + Whip 3 mi W. of Golden

1 Cally + leopard DOR Love

1 Dip DOR and 1 collected at Wenden

Dips and whips observed at Salome

Cally DOR Harcuwar

2 Platy DOR Harcuwar

1 Dip DOR Harcuwar (saved)

Chuck observed Granite Wash Pass

1 Red Race M DOR Hope Greasewood desert

1 Cally DOR - live dip looking him over Hope

1 Platy DOR 1 Whip observed 5 mi E. of Brenda

1 Dip DOR 4 mi E. of Brenda 10¹⁰ AM

1 Platy DOR Brenda

Chuck observed and collared lizard

collected in Plomosa mts

1 Dip DOR 5 mi E. of Quartzsite

1 Cally DOR 3 mi W. of Quartzsite

1 Cally DOR at Ehrenburg

(Continued on Jan. 6)

MONDAY, MAY 17, 1937

137th
Day

Monday in Whitsun Week

228 Days
to come

Went to the zoo at noon and
got specimens. Also to the
Nat. Hist. Mus. and checked
up with Omar.

Went to the Reptile Club
meeting in the evening and talked
recent trips.

Some records were as follows:

Garter

Red Racer DOR San Marcos May 11

Gopher Snake DOR N. End. San Felipe
Valley May 6

Pacific Rat. Cul King caught on
Pt. Loma by Walker April 15

Hoard

Black Racer

1 mi. S. of Rosarita

10 " " " Descanso Pt.

TUESDAY, MAY 18, 1937

138th
Day

Tuesday in Whitsun Week

227 Days
to come

Too tired to work tonight. Caught up
on reading.

WEDNESDAY, MAY 19, 1937

139th
Day

Ember Day

226 Days
to come

Chas. Shaw worked for the first time today. Gave him an hour of instruction. Out to dinner tonight.

(May 22nd Continued)

From here on it got very cold. Drizzle mixed with fog from Julian on.

1 Gopher S DOR Sutherland squirming saved

1 Gopher L DOR Shady Dell. D

Reached home at 11⁴⁰. Quite cold.

From to county line to top of Sentenas = 25 miles. Might call this collecting territory. Total miles today 281.

A very disappointing evening.

Shaw worked today, mostly scale counting.

THURSDAY, MAY 20, 1937

140th
Day

225 Days
to come

Shaw worked today.
Out to dinner tonight.

(May 21st continued)

- 1 Platy DOR Kramer Hills.
- 1 Scute S Squirming 7 mi. S of Junction with 466 = Kramer Hills. Saved.

7⁴⁵, 73°, clouds, no moon, practically dark

- 1 Boyles K (alive but hurt) 2 1/2 mi E. of Kramer
- 1 H.T. platy DOR 25 mi E of Mohave
- 1 do do 17 " " " "

1 Gopher L DOR 16 " " " " (saved)

1 Leopard DOR 15 " " " "

2 Sonoras 1 alive 1 DOR 11 mi. E. of Mohave

8⁵⁵ 75° F Slight breeze, 3/4 moon somewhat shrouded.

1 Cally DOR 11 mi. E of Mohave.

1 Arizona juv. 5 mi. E of Mohave caught alive
9⁰⁸, 75°, slight breeze.

1 Arizona L DOR 3 mi. E. of Mohave saved.

1 Longnose LDOR do saved head
Mohave at 9³⁰ 45-60° 75° F. Slight breeze
moon somewhat obscured.

1 Arizona S. DOR Dennis L ACo

From here on had to travel very fast because it was so late.

1 Longnose DOR Vincent L ACo. Very cold from here on. May have missed some dead or alive as had to travel very fast. Very cold, cloudy, and windy in Mont Canyon. Arrived at Pasadena at 11:15 AM. Cold running hot. miles in SP Co 67; total today 331

FRIDAY, MAY 21, 1937

141st
Day

Ember Day

224 Days
to come

Shaw worked today.

Checked up with Omar and Perkins
Got all but 5 of the tortugensis
and several other items.

At 2 PM started alone for the Mohave
Desert and Pasadena. Overcast and
cold; almost drizzling.

1 Banded racer L DOR Miramar Brush.
1 Longnose M DOR Lake Hodges Grass
2 Red Racers L DOR Buena Fields-Orchard
(still cold and drizzly)

1 Boyles K L DOR Bonsall Brush-Creek
1 Gopher S DOR Red Mt. Orchard-grass
1 Red Racer L DOR Temecula grass
1 Arizona L DOR Sedco Orchard-grass
1 Gopher L DOR Sedco Grass Saved head
1 Leopard Lizard DOR 4 mi NE of Elsmore
1 Boyles K M DOR 6 mi. NE of Elsmore Grass
1 Arizona L DOR 7 mi. NE of Elsmore Grass ^{very} dark
1 Gopher L DOR Box Springs Fields
1 Red Racer L DOR Cozy Dell Brush

Cold and windy here. 6 PM. got gas.

1 Banded Racer L DOR 2 mi NE of Cajon Summit Brush
1 Boyles K L DOR 2 mi NE of Cajon Summit Brush ^{Saved.}
Adelanto at 7 PM, dusk 70°F

1 Sonora occ. alive in road but run over by
next car. Kramer Hills. 7³⁰ almost dark 73°
cool and windy. (Continued on May 20th)

SATURDAY, MAY 22, 1937

142nd
Day

Ember Day (Maritime Day)

223 Days
to come

PCEA directors meeting in Pasadena this AM.
Started from Pasadena with Gg at 2 PM
a drizzling rain. Did not clear up
until we struck the desert although
it did not drizzle all the way.

- 1 Arizona S DOR Realto fields. Dark color.
- 1 Red Racer L DOR 3 mi W. of Redlands Orchard
- 1 Gopher S DOR 2 mi E. of Redlands Bush.
- 1 " M. DOR Pershing Riv. Co. Fields, SD Type
- 2 Sidewinders DOR Cathedral City Sandy desert
- 1 Sonora L DOR " " Bushy "
- 1 Gopher L DOR Indian Wells Orchard ^{1 Sand head} & sandy desert

Had a bad blowout of a good casing near
Oasis. at Oasis 6:30 almost dark cool
& windy.

Kane Springs branch at 7:30 now quite dark
but almost full moon 83° wind coming up.

Benson at 8:10 strong wind 77°. Talked to
Peters. He had caught a sidewinder & shovel.

Got from Benson 2 shovel, 1 sidewinder, 1 gopher,
10 geckos, 1 uta stans. Said collecting had
been poor afc cool weather.

From here on it got cooler rapidly. 72° at
the Narrows and blowing hard.

Caught a *Trimorphodon* L crossing the road at upper
end of Sentencia Canyon 9:15 66° F some moon but
cloudy and with a strong wind.

(Continued on May 19)

SUNDAY, MAY 23, 1937

143rd
Day

Trinity Sunday

222 Days
to come

Preserving and catching up today.

Shaw arrived at 10 and worked until nearly 4. Showed him a good deal about preserving. Van A. Lyman called in the morning.

Spent the late afternoon and evening cleaning up records etc.

Shaw worked today.
 "Lost Horizon" tonight.
 Pickled Coleonyx this noon.

Log of Perkins' trip to Borego
 Saturday night, May 22nd.

1 Red Racer L DOR San Felipe

1 Gecko The Narrows 7²⁵

1 Gecko. 2 mi E. of the Narrows 7²⁵

1 Sidewinder 3 mi E. of the Narrows 7²⁹

1 Shorel Nose " 7³²

1 Gecko 1 mi W. of Dry Lake 8⁰⁵

1 Gecko 1 mi E of The Narrows 9¹⁵

1 Caley DOR The Narrows 9⁴⁰

Cold and windy all evening.

Total miles in evening hunting territory
 6¹¹ to 10 P.M., 57. Only 2 snakes.

TUESDAY, MAY 25, 1937

145th
Day

220 Days
to come

Shaw worked today.

Came out with Hichener and Thomas and watched the vibration of the rattle of Tortugensis under stroboscopic light. It worked fine. The wave could be clearly seen progressing out to the end. The ~~of~~ amplitude increases as the wave progresses because of the increasing looseness.

Milked 6 C. tortugensis tonight.

Noted that C. brevis is darker and more distinctly marked than C. variegatus. It is multispotted by dark spots in the dark areas.

WEDNESDAY, MAY 26, 1937

146th
Day

219 Days
to come

Shaw worked today.

Cook called this afternoon.

Dinner to Carters, Scupps et al

tonight.

Preserved a few specimens this
noon.

THURSDAY, MAY 27, 1937

147th
Day

Corpus Christi

218 Days
to come

Shaw worked 2 hrs today.

Spent the evening getting ready for tomorrow's trip.

Today I noted on putting 2 juvenile king snakes (1 boyles, 1 calif) into a jar containing miscellaneous young snakes that each grabbed a ring-neck at once.

(May 28th Continued)

- 1 Arizona M Caught on the road Date City 6⁵⁰ early dusk fields.
- 1 Sonora occ. Caught on the road 8 mi W. of Indisay Well. Not quite dark 7¹⁰, 82° F. Strong wind. Sand both sides.
- 1 Sidewinder L Caught on the road Indisay Well 78° F Sandy desert 7¹⁵.
- 1 Longnose S. Caught on the road (Iran over him myself backing up. Winterhaven. 80° F, 8 PM.
- 1 Sidewinder caught on the road. Dublin 9³⁰ MST 76° Windy.
- 1 Gopher M DOR Taena saved.
- 1 Arizona L Caught on the road Stool. 11 PM 72° moon now rising.

Stopped for the night near Muggins-Stanwix 11³⁰ now 70° F, and too cool for collecting. Miles in SD Co. 79; total miles for the day 250. Outlook is for cold weather. The gophers around the center were the big surprise.

FRIDAY, MAY 28, 1937

148th
Day

St. Augustine of England

217 Days
to come

Today started for Tucson with Gunders at 3¹⁰. It was cool, breezy, and cloudy in town and increasingly cloudy in the mountains. Heavy fog from Flynn Spring to Guatay. Clear beyond but cool. The outlook for the desert is not good.

- 1 Gopher M DOR Lakeview Grass
- 1 Cal. Racer M DOR Flynn Spr. Fields-Bush
- 1 do L DOR Boulevard Bush-Trees
- 1 Red Racer L DOR Jacumba Bush-Rocks
- 1 Gopher S DOR Dixeland Fields Saved
- 1 Gopher L DOR Seely Fields Saved
- 1 Gopher M DOR Seely Fields &
- 1 Gopher L DOR " "
- 1 Gopher S COR El Centro Fields. Quite a 6PM fighter
- 1 Gopher M DOR " "

Reached El Centro at 6¹⁵. Warm windy

- 1 Gopher S DOR 3 mi E. of El Centro Fields
- 1 Gopher S DOR 4 " " " "
- 1 Gopher S DOR Meloland Fields-Orchard Saved
- 1 Patchnose M DOR Meloland Fields
- 1 Gopher S DOR 2 mi E. of Meloland Fields
- 1 Gopher S DOR Holtville Fields
- 1 Gopher L DOR Holtville Fields Recently killed
- 1 Gopher L DOR Date City Fields
- 1 Red Racer M DOR " " Arid fields

(Continued on May 27th)

SATURDAY, MAY 29, 1937

149th
Day

216 Days
to come

Up at 6³⁰ AM MST. Clear & cool. Some cloudiness to the east. Gander out early and caught a platyrhinos - Stanwix

Started for Tucson at 7⁴⁰

- 1 Coleonyx found under a sign at Sentinel
- 1 Platyrhinos caught on the road Piedra
- 1 macey quites DOR Theba fields
- 1 long nose DOR Smurr Brushy desert
- 1 Red Rock L Caught on the road at Gila Bend
Brushy desert.

Hunted for a while at Sahara lodge

A good locality but too cool for lizards to be out.

At Bella home there were 2 scutes and 2 gilas at the service station. They were said to have been taken there.

Not a single lizard was seen until 10¹⁵ AM showing the effect of the cold weather. It was fine country.

Whiptails shot at Red Rock. Punny but windy. Barren prairie.

1 Patchnose M DOR Marana Fields.

Arrived at Tucson at 12³⁰. Cool and breezy. Part cloudy. 163 miles through excellent territory and almost nothing seen.

Having settled down and lunched we started for Nogales to look over the country

(Continued on Jan. 8th)

SUNDAY, MAY 30, 1937

150th
Day

Memorial Day
1st Sunday after Trinity

215 Days
to come

left the auto camp this morning at 7³⁰. It was clear, cool, and windy.

Left Tucson after breakfast at 8¹⁰.

Hunted for a short time at Owlhead.

9¹⁵ AM. Cool and windy. Fine looking country.

Got 1 Whiptail.

1 Gila Monster crossing the road 7 mi. NW of Owlhead. Mesquite - cactus. Rolling country. 9³⁰ AM.

1 Scutellatus L DOR 13 mi SE of Florence Cactus and mesquite. A high rolling plain. The country is getting increasingly arid.

Between 10³⁰ and 11 hunted in a rocky hill 6 mi. N. of Florence. Got Uta ornata symmetrica, Uta stans, and whips. Warm but breezy evidently too cool for rock lizards to be out, except U.O.S.

1 Arizona L DOR Florence Cactus flat sand. Reached Florence Junction at 11⁴⁰.

Decided to take the Apache Trail loop as the collecting was poor anyway.

This by way of Superior, Miami, Claypool, Roosevelt Lake and back to the highway at Apache Junction.

It was a tough trip, especially the last section from Roosevelt Lake

(Continued on Jan 11th)

Started from Stanwix at 8¹⁵. Clear and cool. 70°. Gopher saw whiptails while prowling about.

Whiptail at Musina.

Cally and uta stans seen at Pembroke where we stopped to turn over signs as we did a number of places along the road. Hunted in sand hummocks near here. Saw Sonora Trucks but no sidewinders. Evidently too cold on the previous evening. Got a whiptail. Stopped at Reptile Inn but they had nothing. Hale not home.

Caught Chucks in the Gila mountains. A number were out although it was cool.

Almost no legs out. Only 1 seen between Wintershaven and the Sandhills.

1 Arizona L DOR Date City. Fields. Saved

1 Gopher M DOR Holtville Fields

1 Patchnose M DOR Meloland "

1 Gopher M " " "

1 Gopher L " El Centro "

Reached El Centro at 11⁵⁰ PST. Somewhat

warm.

1 Gopher M DOR Mobile Fields

1 " M } " " "

1 Red Racer S } " " "

TUESDAY, JUNE 1, 1937

152nd
Day

213 Days
to come

Shaw worked today and
pickled a lot of rollers.

Miscellaneous work tonight
including pickling tentugensis.

WEDNESDAY, JUNE 2, 1937

153rd
Day

212 Days
to come

Shaw worked 4 hrs today getting considerable done in preserving miscellaneous work tonight.

Chapman Grant called up, having returned from a collecting trip to Jamaica.

Record of Perkins' trip to Ensenada.

- 1 Red Racer DOR 6 mi. NE of Shore Acres
- 1 Garter DOR Mesquite Pt.
- 1 Pacific Rattler caught Jitay
- 1 Calif Boa DOR "
- 1 Gopher 6 mi. S. of Jitay DOR
- 1 Cal King DOR. 7 mi. S. of Traiguana

THURSDAY, JUNE 3, 1937

154th
Day

Confederate Memorial Day (Tenn.)

211 Days
to come

Shaw worked this afternoon.
Called on Chapman this noon.
Some miscellaneous work in the
laboratory tonight.

(June 7th Continued)

- 1 Shovel nose caught on 10 mi. N. of Adelanto
8:45, 64°F slight wind. No moon
- 1 Platyrhino's DOR 12 mi. N. of Adelanto
- 1 Shovel nose caught on 12 mi N. of Adelanto
8:54; 65°F
- 1 Small Arizona caught on 16 mi N. of Adelanto
9:03; 64°F windy.
- 1 Platyrhinos DOR Kramer Hills
- 1 Shovel Nose DOR Kramer Hills saved
Had cold wind
- Kramer corner at 9:30; 61°; windy & cold
- 1 Longnose M DOR 12 mi W. of Amargo
Now 10 PM cold and windy 61°F. Drowning fast
- 1 Arizona L DOR 14 mi. W. of Amargo. Saved.
10:05. 61° This snake was still squirming
and bit me when I picked him up!
- 1 Arizona L DOR 7 mi E. of Mojave 10:20 squirming
saved.
- 1 Scute S alive on the road at 10:30; 5 mi E. of
Mojave 63°. Backed over him.
- 1 Longnose L DOR 1 mi E. of Mojave. 64°F
Squirming. Saved head only.
- 1 Arizona L DOR Denis 11:20. Very dark. Saved head
(Continued on June 4)

FRIDAY, JUNE 4, 1937

155th
Day

Feast of Sacred Heart

210 Days
to come

Shaw worked this afternoon. Almost caught up in preserving. Got some more Pateros oreganus from Perkins.

Accounts this evening.

(June 7 Continued from June 3^d)

Reached Palmdale at 11³⁰ and preserved specimens until midnight. Very cold and windy. 58°F

Another disappointing evening in the desert because of the cold unseasonable weather. Nevertheless it was surprising to find that some snakes were out and active at 60 to 65°F

Miles today 271; miles in S.D.Co. 54
Desert miles after dark 110.

SATURDAY, JUNE 5, 1937

156th
Day

209 Days
to come

Worked with Chas. Shaw this morning putting away specimens etc.

At 12²⁵ started for the desert with Chapman Grant. Cool and windy. Part cloudy - not a good outlook for this evening.

- 1 Red natter M DOR Lake Hodges Brush
- 1 Cal. Racer M DOR " " " "
- 1 Arizona L DOR " " Grass ^{Dark} color
- 1 Long nose L DOR " " Brush-fields
- 1 Gopher L Caught crossing the road at San Marcos. Didn't keep him - turned him loose where he wouldn't get run over. Fields - vineyard

1³⁰ P.M. Part cloudy

- 1 Gopher L DOR San Marcos Fields
- 1 Cal. King L DOR Buena " "
- 1 Gopher L DOR " Grass Saved head.
- 1 Horned toad caught on the road at Bonsall 2 P.M. grass. Spit blood from left eye.
- 1 Cal. King S. DOR Bonsall Brush Saved Peculiar pattern
- 1 Red racer S DOR Fallbrook Grass
- 1 Long nose M DOR Red Mt. Brush
- 1 Horned toad DOR Temecula
- 1 SOB " " "

(Continued on Jan. 14, 1937)

SUNDAY, JUNE 6, 1937

157th
Day

2nd Sunday after Trinity

208 Days
to come

Started from Thermal this morning at 6⁵⁰; it was warm and quiet after the windy night.

Noted at dip at Thermal

- 1 Arizona L DOR Thermal bushy desert
- 1 Arizona L DOR " " "
- 1 Shore nose L DOR 7mi NW of Oasis ^{Sandy} desert
- 1 Gopher S DOR 4mi. N.W. of Oasis ^{bushy} desert.

Called on John Hilton the artist.

- 1 Leafnose L DOR ^{Country land here} Dry Lake desert
- 1 Chuck seen in The Narrows
- 1 Leafnose L DOR The Narrows desert
- 1 Red Racer L DOR San Felipe Bush saved
- 1 Patchnose S DOR Banner Trees
- 1 Gopher L DOR Ballena grass
- 1 A.T. caught at Ramona fields
- 1 Banded Racer L DOR Top mussey grade.

Brush & rocks.

Arrived home at 11¹⁵ Cool and breezy.

miles in SD Co 94

miles today 147

miles for the trip 423

Spent the afternoon and evening in miscellaneous catching up.

MONDAY, JUNE 7, 1937

158th
Day

207 Days
to come

Shaw did not work today because of bee-stings.

Today at 2:05 started for Los Angeles with Holloway going via Cajon Pass. Clear and warm. Some breeze

1 Gopher L DOR Rose Canyon Brush

1 " " " Toney Pines "

1 Cal. Racer M DOR Del Mar Brush-trees

1 Gopher L DOR Leucadia Grass

1 Longnose L DOR " Fields

1 Gopher S DOR Oceanside Fields

1 Arizona M DOR San Mateo Fields Park

Passed up at least 4 dead snakes in the vicinity of Capistrano and Galivan to save time. Also 1 or 2 in Santa Ana Canyon and Riverside. Here it was getting rather windy. Finished supper at Cotton at 6:50 sundown.

Reached Adelanto turnoff at 7:45.

Now almost dark - cool and breezy.

Outlook for temperature not good.

1 Gopher M DOR Adelanto Sward

1 Red Racer L DOR " "

1 Boyles King L DOR " Sward ^{contained} another snake

1 Sidewinder M DOR 6 mi. N of Adelanto

1 Leafnose caught crossing 8 mi N of Adelanto

84° ; 67° F

(Continued on Tuesday June 3^d)

TUESDAY, JUNE 8, 1937

159th
Day

206 Days
to come

Started for Los Angeles from Palmdale
at 7²⁰. Cold. Not many snakes on the
road because of the cold last night.

1 Arizona M DOR Vincent Grass ^{dark} colored

1 Red Racer M DOR Vincent Brush.

1 " " L " Lt Brush 10 mi W. of Vincent

Reached Los Angeles at 9¹⁵.

Left Los Angeles at noon.

1 Gopher S. DOR Galvan Fields

1 " L " " Grass

1 " L " Pacific Beach Grass.

Arrived home at 3⁴⁵. Miles today

189; miles in San Diego County 54.

Shaw worked today.

WEDNESDAY, JUNE 9, 1937

160th
Day

205 Days
to come

Shaw worked today.
Pickled specimens and cleaned
up tonight.

Gave Dr. J. Stern a note
concerning Rokoloff's shot gun today.
Had left the shot gun at his hotel
Monday last.

Tony Green got collecting material
for a trip to Laguna Hansen

(June 11 Continued)

Scissors Crossing at 10¹⁵ Cold and
windy. 64°F.

Reached Warner's at 10⁵⁰. 68°. Cool
and still. Travelled rather fast from
The Narrows home as it was late and
we were tired. Passed up several Coleonyx

Miles in County in daylight 66

Miles of night driving in pairment to 49

Total miles of night driving 90

Total miles today 156

Recd a large gopher from some gas Co
man. Locality later. Locality San Diego
City

THURSDAY, JUNE 10, 1937

161st
Day

204 Days
to come

Miscellaneous catching up tonight.
Chas. Shaw worked this afternoon
Gardner caught a mitch and
a garter today at Barons.
The mitch came at him over low
bushes, probably confused as to
where he was.

Also a patchnose DOK at mussey
grade June 12TH.

FRIDAY, JUNE 11, 1937

162nd
Day

St. Barnabas

203 Days
to come

Shaw worked two hours today pickling specimens.

This afternoon started on a country trip with Chukering at 4²⁰. Clear and warm.

- 1 Garter M DOR Lakeside grass
 - 1 Boa Small DOR mussey grade Brush saved
 - 1 Banded Racer L DOR Shady Bell Bush - Orchard
 - 1 Western Yellow B L DOR Morettie's grass
- Reached Warner's Hot Springs at 6²⁰ Cool.

Put up for the night.

Started on the evening drive at 7²⁵. Almost dusk - quite cool. Outlook not so good.

1 Red Rattlesnake M Caught on the road 6 mi NW of Scissors Crossing in San Felipe Valley. 64° F. Cold and windy. 7⁵⁵. Now almost dark.

1 Leafhopper L caught on the road. The Narrows 8³⁰, 72° F. Windy new moon.

1 Leafhopper L COR 8⁴⁵, 74° F 4 mi E of The Narrows. Quite Windy.

1 Shorel Nose L COR 8⁵⁰, 76° F 5 mi W. of Dry Lake.

Turned back at County Line at 9¹⁵, 78° Windy.

2 Coleonyx at Bensons at 9²⁵. Moon setting.

1 Leafhopper COR 2 mi. W. of Bensons 9³⁵, 78°

1 Arizonia L Caught on the berm 3 mi. W. of Bensons 79° F. 9⁴⁰ Windy. Moon has set.

(Continued on June 9)

SATURDAY, JUNE 12, 1937

163rd
Day

202 Days
to come

This morning we started north from Warners at 8¹⁵. Clear and cool.

1 Arizona M DOR Warners. Grass Sward
Skellies were seen 6 mi NW of Warners. Also
many small Hyla regilla in a pool - just transf.

1 Horned toad at Sage, Riverside Co.

1 Horned toad DOR Eden Hot Springs Sward.

1 Gopher M DOR Calimesa (Riv. Co) Orchards

Uta stans observed at Arrowhead Highlands.

Drove over the Ruin of the World Drive.

Too high for reptiles at this time of year.

1 H.T. caught on Cactus Flat - Cushenbury grade

Pure blainvillii. Skellies seen here. Also

uta stans. Skellies seen at Whiskey Spring

on the grade.

2 Xantusia vigilis seen at Monarch Flat.

Collared lizard and uto observed at
Monarch Flat and Cushenbury Spring

1 Red racer L DOR Box S Spring light brush
desert

Also Colly shot here.

1 Platyrhinos caught at Lucerne Valley P.O.

1 Red Racer L DOR Lucerne Squirming Fields

4¹⁵ P.M. Sward. Contained 7 large eggs.

1 Longnose M DOR 1 mi. W. of Lucerne.

light brush desert. Plenty red.

1 Gopher S DOR 5 mi. W. of Lucerne brushy
desert

Whistling seen here

(Continued on Jan. 19)

SUNDAY, JUNE 13, 1937

164th
Day

3rd Sunday after Trinity

201 Days
to come

This morning Chuckeriny and I left Victorville eastbound at 7:35. It was clear and cool.

Callys and whips were seen at Deadman's Point.

Chucks and whips were seen near Rabbit Dry Lake where we hunted in the rocks for a short time. It was cool and with a strong west wind blowing. Overcast and hazy. lizards weren't out much this morning.

Got off the road on the branch to Cottonwood Spring and took an hour to dig out. Mightily hard work. Tired out.

1 *Platyrrhinus* caught at Old Woman Spring also desert tortoise caught in the road here (gave it to Grant) and whips were seen.

Whip near Rock Conal.

Still cool, breezy and overcast at 10:20 Found a desert tortoise in the shade of a rock 13 mi SE. of Old Woman Spring, and shot a magister here

Cally 6 mi N. of The Windmill

1 *Platyrrhinus* caught 3 mi N. of The Windmill magister shot at Warren's Well

(Continued on June 14)

MONDAY, JUNE 14, 1937

165th
Day

American Flag Adopted 1777 (Flag Day)

200 Days
to come

Called at the zoo and museum at noon. Show worked ^{this afternoon} tonight 2 hrs.
 Spent the evening catching up with specimens and diary.
 Walker reported another Arizona DOR at Grantville.

(June 13 Continued)

- 1 Leopard lizard DOR Lone Star
- 1 Pyrrhus L DOR 3 mi W. of Lone Star. Rocky hillside with tree yuccas. Red brown. Contact NG.
- Platyphimus DOR 3 mi NE Morongo Lodge.
- 1 Gopher S DOR Morongo Valley Inn ^{Sandy wash} ^{Rocked trees}
- 3 Red Racers DOR 2 LIM 3 mi N. 29 Palms Jct. ^{Plenty black on head}
- ^{Brushy desert.}
- 1 Boyles King ^{L DOR} 29 Palms Junction ^{Brushy desert also dip. here.}
- 1 Red Racer S DOR Box Springs ^{Brush.}
- 2 Gophers S DOR Arlington ^{Fields.}
- 1 Banded Racer L DOR Peralta ^{Brush grass}
- 1 Gopher L DOR Olive Orchards
- Left Chickering at Bixby's near Seal Beach at 4 PM
- 1 Gopher L DOR Agra Fields
- 1 Red Racer L DOR La Flores Fields
- 1 ? DOR at Del Mar.

These county records are not to be counted in the mileage table. I was travelling too fast and the Sunday traffic was too heavy to check all dead snakes. Miles today 279.
 Total for the trip 728. Reached home at 6:50. Cool - cloudy

TUESDAY, JUNE 15, 1937

166th
Day

Pioneers' Day (Idaho)

199 Days
to come

Young Duell called today. Had a preliminary chat with him. He worked with Shaw in the afternoon.

Shaw brought in a DOR Rhinocheilus on Monday

Shaw and Duell worked this afternoon.
Miss Gates finished copying the
growth paper. Only remains for
Hobbes to fix up some of the signs
and rule the tables and it will be
ready for the printer.
Miscellaneous work tonight.

THURSDAY, JUNE 17, 1937

168th
Day

Bunker Hill Day (Boston)

197 Days
to come

Met Col. M. L. Crimmins at the SD Zoo today. E. Ross Allen was also there but I missed him. ^{No he wasn't}

Chapman called for some references tonight.

Shaw worked this afternoon.

(June 19 Continued)

1 Boyles King M DOR Samuel Gross
1 Striped Race L " " Brush
1 Gopher M DOR Samuel Fields.

Returned at 12³⁰. Clear and warm.
Stopped at the Zoo and gave Cy his
toads.

Miles today 117; in S.D. Co 83.
Total for trip 300.

Shaw and Deel worked today
counting scales.

Worked in the basement getting
things in order in the afternoon
and on miscellaneous catching
up in the evening.

The trip was tiring and a
waste of time.

FRIDAY, JUNE 18, 1937

169th
Day

196 Days
to come

Shaw + Duell worked today.

This afternoon at 5:00 went out to the desert with Bilderbach. It was clear and warm. Went out via the highway to Seeley turned south to Calexico then east via Bond's Corner to the junction with US 80 then turned west to El Centro and spent the night there.

- 1 Gopher S DOR Flynn Spr. Grass. ^{saved.} Squirmying
- 1 " L " Pine Valley Brush.

Sun down at 6:40 at La Posta

Dark and windy at Mountain Springs

Reached Seeley at 8:05. 88°F 2/3 moon

No wind to speak of.

Picked up a large Woodhouseii at Bond's Corner. Several other tracks were seen.

- 1 Colony x caught 5 mi W. of Midway Well. 9:50 88°

- 1 Arizona L DOR Date City ^{saved}

- 1 Gopher S " " " " head.

Holtville at 10:25 82°F

- 1 Small gopher DOR Meloland ^{saved} 83°

Reached El Centro at 11 P.M. Tired and discouraged. A poor evening, maybe due to season, moon, or the road chosen. ^{Woodhouseii} calling miles today 181; in SDCs 80.

SATURDAY, JUNE 19, 1937

170th
Day

195 Days
to come

Started home this morning at 8¹⁰
Clear and warm

1 Gopher M DOR Mobile Fields

1 Arizona " " Dixieland "

Hunted in sand dunes just west
of Dixieland and also west of Plaster City.
At the former point a whistling was seen.
Sawtooth tracks were plentiful but no
sidewinder tracks. A good many lizards
were seen on the road both on the desert
and in the mts.

1 Patchnose M DOR Mt. Spring's grade near
top. Rocks. This was coastal
fox in quite dark. Poor conditions
but saved anyway a/c color.

1 Patchnose M DOR 1/2 mi W of Boulder
Park. This was desert color.

(4 mi. E. of Jacumba) Saved. Brush.

1 Longnose L DOR Boulevard Brush.

1 Striped Race M DOR " grass.

1 Pacific Rat L DOR Hypack Brush.

1 Gopher S DOR Cloverflat. grass-creek.

Found many juvenile *B. b. halophilus*
hopping about in the grass here - also
a few *B. californicus* and *H. regilla*
collected some for Perkins.

1 Boyles K. L. DOR Dulzura Grass
(Continued on June 17th)

SUNDAY, JUNE 20, 1937

171st
Day

4th Sunday after Trinity

194 Days
to come

Spent all day entering specimens in the catalogue and other miscellaneous work. Recd a number of specimens from Margaret Bancroft from the Laguna Hansen Territory and also from Perkins.

Perkins's trip yesterday:

1 Gopher DOR Julian

1 Red Racer, caught on the road at The Narrows

6⁰⁵. Ran out to the County line reaching there at 6⁵³

At Benson's 7²⁰ - 7⁴³ 96°F to 94°F

Turned on lights and left going west.

1 Leafhopper caught at 7⁵⁰ 2 mi. W. of Benson's

1 Gecko at 8²⁰ The Narrows.

1 Arizona 8⁴⁰ 3 mi. W. of The Narrows

1 Boa 9¹⁴ Yaqui Well.

Sentenas Canyon at 9³⁷

From leaving Benson's to Sentenas

(= desert night drive) = 25 miles

1 hr 54 minutes.

Very poor a/c heat, moon w both.

Benson hadn't caught much last week.

Worked long and hard tonight milking, preserving, and putting away. Made some headway.

MONDAY, JUNE 21, 1937

172nd
Day

1st Day of Summer

193 Days
to come

Weinberg called today.

Chas. Skur ~~and~~ worked and preserved specimens.

Recd 3 specimens from Scott at Visalia.

Got jaw tops from Paul and jaws from Kw.

Reptile Club meeting tonight — miscellaneous discussion. Only a few members present.

(June 26 Continued)

1 Red Racer M DOR 8 mi. SE of Coalinga Fields.

(no black head; plenty lateral stripes)

1 Arizona M DOR Rio Bravo Brushy desert

This road looks better for night collecting than the run southeast of Coalinga to the junction west of Button willow for that section is too barren.

1 Gopher L DOR Rosedale Fields.

Reached Bakersfield at 3¹⁰ Very hot.

Got my car, went over to the park, transferred equipment and listened to the Big 10 - West Conference track meet. Both live snakes had died from the heat, but the lay toads were OK. We separated at 5 PM, Phil returning to Palley. The trip to here was very disappointing. No Arizona - vigilis -
(Continued on June 22nd)

TUESDAY, JUNE 22, 1937

173rd
Day

192 Days
to come

Getting ready for tomorrow's trip tonight.

Both boys worked today.

(June 26 Continued from June 21st)
magister territory was seen, must be in the vicinity of Panoche.

Miles to here today 175.
Started from Bakersfield at 5⁰⁵; still very hot.

- 1 Oregon L DOR Bena grass (color) ^{light}
- 1 Boyles King L DOR Ilmon lot brush.
- 1 Gopher L DOR Ilmon "
- 1 Arizona L DOR " "
- 1 Whiptail DOR " "
- Uta observed " "
- 1 Boyles King M DOR Smi. W. of Caliente grass
- 1 " " M DOR Rowan grass

1 Gopher L DOR Rowan grass - Rocks
Square red-brown blotches much like Mohave specimens. They must have been out last night more than ~~the~~ two nights ago.

Reached Tehachapi at 6³⁵ 89°F

1 Red Race, M DOR monolith Saverd Fields

Turned up highway 7 just north of Mohave. Reached Red Hill at 7⁴⁰.
Warm and breezy after sundown but not yet dark. (Continued on June 24)

WEDNESDAY, JUNE 23, 1937

174th
Day

191 Days
to come

Started for Los Angeles with Mr. Raber at 3¹⁵. Clear and warm. Several snakes were seen along the road, particularly at Rose Canyon but did not stop to check them so this cannot be counted.

Left Mr. Raber at the Belmonts and then went on to Bakersfield. Reached Burbank at 7 P.M. Clear and quite warm.

1 Arizona L DOR 7 mi. S. of Greenfield. Turned east on the Weed Patch road and went via Arvin to Highway 466 and then back to Bakersfield. This side trip took 47 miles. This was the same loop on which we did well two years ago. This time not a live snake was seen and only 1 DOR this being.

1 Gopher L DOR 3 mi. SW of Caliente. It was cold up on the hill (71°F) and few rats were out. Warm in Bakersfield and down on the flat. Almost full moon. Reached Bakersfield at 10⁴⁵, put the car in a garage and caught the car sidetracked for the Owl.

A very disappointing evening trip. Total miles today 269; side trip 47 miles; can't count the Grapevine; too many lights in the eyes.

THURSDAY, JUNE 24, 1937

175th
Day

Nativity of St. John Baptist

190 Days
to come

In San Francisco on business all day.
Spent the night at Wotmsers.

(June 26th Continued from June 22nd)

Temp. at 8 PM 94° F. This road to
Randsburg via Salt Dale looks fine.

- 1 Sonora caught on the road at Garlock
8¹⁵ 93° F Almost dark. Slight breeze. No moon
- 1 Arizona caught at 8²³ 5 mi. W. of Randsburg
90°. This snake had been injured but I
didn't know it. Found it dead and in
bad shape next day.

Reached Randsburg at 8³⁵ 91°. No breeze.

- 1 Sonora caught at Atolia 8⁵⁰ 88° F

These sonoras have brown rather than
black unis, and the red when present is
a suffusion rather than a blotch.

- 1 Sonora caught at Fremont 9⁰⁸ 81° F

2 *Platyrhinos* DOR Fremont. Moon coming up.

- 1 longnose DOR Penshaw 9³⁰ 82° F

- 1 *Platyrhinos* " Penshaw. Also *Coleonyx* lost.

Kramer junction at 9⁴⁰ 83°. Moon well
up and bright.

- 1 *Cerastes* M DOR Kramer Hills. Had eaten a mouse

- 1 longnose L " " " do 9⁵⁵

Adelanto at 10³⁵; moon very bright. Temp. 73°

The rest of the way I drove fast. It was quite cool.

Reached San Bernardino at 11⁴⁰. miles from Bakersfield

199. Gwanini desert drive 109. No snakes since
after moon up.

FRIDAY, JUNE 25, 1937

176th
Day

189 Days
to come

Went across the Golden Gate Bridge this morning.

Reached Palo Alto at noon and lunched with Phil.

Spent the afternoon with Geo. Myers and arguing statistics with Rich.

Started for Hollister with Phil at 5⁴⁰ P.M. Quite hot. Left Hollister at 7⁵⁵. Went via Tres Pinos, and Pinnacles P.O. then across to King City. Not the kind of country that I expected. Rolling foothills and mountains not lower Sonoran.

1 small gopher crossing the road 14 mi NE of King City. 9³⁵ P.M.; warm, full moon. This was the only snake seen alive or dead.

Reached King City at 10 P.M. 128 miles.

Hunted for toads in the Salinas River and got a number of small halophilus. Then hunted in an irrigation ditch near the auto camp on the west side where toads were croaking and got 3 adults.

Got to bed at 11³⁰; pretty tired.

SATURDAY, JUNE 26, 1937

177th
Day

188 Days
to come

This morning started out from King City back toward San Benito Co at 8:10. Got a horned toad 9 mi. NE of King City. Shot a whiptail on Lewis Creek 4 mi E. of Loma oak.

Got young toads and hylas Lewis Cr. 14 mi. NW of Priest Valley.

1 Boyles K L Crossing the road 6 mi. NW. of Priest Valley

Lost a horned toad 5 mi. NW of Priest Valley; also ita observed here.

All this country is Upper Sonoran.

1 Banded racer shot on the road at Priest Valley. Had just eaten a mouse.

Going down into Fresno Co it is increasingly arid and barren. No yucca some rocks. Doesn't look good for evening hunting.

Hunted in Waltham Creek 3 mi. W. of Alcaide. Got hylas and toads; also a skelly.

Hunted for a while just west of Coalinga where the creek comes out into the valley but got nothing; nearly noon and too hot.

Lunched at Coalinga. Very hot. Left at 12:15 via Highway 33.
(Continued on June 27)

SUNDAY, JUNE 27, 1937

178th
Day

5th Sunday after Trinity

187 Days
to come

Left San Bernardino this morning
at 8¹⁰ Clear and warm.

- 1 Red Racer M DOR 10 mi. NE of Elsinore ^{saved head} grass
- 1 Arizona L " 9 " " " Orchard
- 1 Honeycuse M " 6 " " " Brush
- 1 Leopard Lizard 4 " N " "
- 1 Boyles King L DOR Bonsall grass-fields.

Reached home at 10²⁰. Clear and cool.

Miles today 127; in SDCs 65.

Worked hard all afternoon + evening
catching up in all kinds of work.

Philip's trip of yesterday

- 1 Red Racer DOR 4 mi. W. of Wasco Kern Co
- 1 Gopher DOR Lost Hills
- 1 Oreganus DOR ~~Santa Margarita~~ ^{SLOC} San Miguel
- 1 Gopher DOR Templeton Nacimiento, Monterey Co
- 1 Small Oreganus caught ^{do} Atascadero
- 1 Snake lost Nacimiento
- 1 Boyles King DOR Bradley about 9 P.M.
- 1 Gopher Caught Wunpost, Monterey
- 1 Gopher DOR San Ardo

MONDAY, JUNE 28, 1937

179th
Day

186 Days
to come

Nat. Hist. Museum and Zoo at
noon.

Perkins gave me the following DOR
records checked in within the last
few days.

- 1 Boa Mission Dam (walker)
- 1 Gopher Santa Ysabel
- 1 Boyles King Descanso.
- 1 Gopher Mussey Grade.

Chas. Hall gave me a small
gopher from SD Garden.

Miscellaneous work tonight.

TUESDAY, JUNE 29, 1937

180th
Day

St. Peter

185 Days
to come

Shaw and Deuel worked
today.

Pickled specimens tonight.

Went to El Cajon Rotary this noon:

30 miles

1 Boyles King S DOR Cholla 1/2 grass

1 Longnose M " " " "

1 " L " Fletcher Hills "

WEDNESDAY, JUNE 30, 1937

181st
Day

184 Days
to come

Shaw and Deuel worked today;
shipped the first lot of my rattles
over to the museum for storage.
Too tired for work tonight

THURSDAY, JULY 1, 1937

132nd
Day

183 Days
to come

Too tired with labor matters
to do any work tonight.

FRIDAY, JULY 2, 1937

183rd
Day

Visitation B. V. Mary

182 Days
to come

No work tonight.

Dell give me a small Boyle's
Kingj from San Diego.

Boyle's Kingj Doh Murphy Canyon
reported by Gardner.

SATURDAY, JULY 3, 1937

184th
Day

181 Days
to come

Miscellaneous catching up today.
Too worn out to get much done

SUNDAY, JULY 4, 1937

185th
Day

6th Sunday after Trinity
Independence Day

180 Days
to come

Miscellaneous work until 3. Then
went to Pine Valley. One snake seen DOR
at Flynn Spr. Did not stop to
check. 44 miles.

MONDAY, JULY 5, 1937

186th
Day

179 Days
to come

Good progress cleaning up today
and making bottle labels.
Movie tonight.

Also checked typewritten draft
of the growth paper.

TUESDAY, JULY 6, 1937

187th
Day

178 Days
to come

Shaw and Deuel worked today
mostly moving large series of
rattles to the Nat Hist. Museum.

WEDNESDAY, JULY 7, 1937

188th
Day

177 Days
to come

Went to lunch today with
Phil Thatcher and Dr. Philip Pope
of Walla Walla.

Shaw and Deuel worked today
moving more specimens over to
the museum.

THURSDAY, JULY 8, 1937

189th
Day

176 Days
to come

nothing done tonight.

FRIDAY, JULY 9, 1937

190th
Day

175 Days
to come

Out to dennis tonight.

SATURDAY, JULY 10, 1937

191st
Day

174 Days
to come

Dr. Philip Pope called this morning.

Spent the day and evening in setting up specimens in bottles for storage — also labels. Made good headway.

SUNDAY, JULY 11, 1937

192nd
Day

7th Sunday after Trinity

173 Days
to come

Continued all day and evening preparing specimens for storage. Made many labels. Almost finished specimens now available - almost the entire spring catch. About one more days work in sight.

MONDAY, JULY 12, 1937

193rd
Day

Orangemen's Day

172 Days
to come

nothing done tonight. Too tired.

TUESDAY, JULY 13, 1937

194th
Day

171 Days
to come

Young Stern called today.
To work on NYA.

Shaw and Devel worked
today. Pickled some rattlers
and pasted on and varnished
labels. Stern spent part of the
afternoon learning the ropes.

Received today a very large
opposer from Pt. Loya from one of
the boys in the Record Dept. Noted
that when I held him peacefully
in my hands he hissed violently
and rattled when the dog approached.

Got some miscellaneous work
done tonight.

Took 6 more books to Omar
who is tabulating tails.

Got do Amaral's criticism of
the key.

WEDNESDAY, JULY 14, 1937

195th
Day

170 Days
to come

All three boys worked today.
Pickled all the Pateros specimens
remaining.

Rearranged the organs by
countries and states.

Miscellaneous catching up tonight

THURSDAY, JULY 15, 1937

196th
Day

St. Swithen

169 Days
to come

People in to dinner tonight.

FRIDAY, JULY 16, 1937

197th
Day

168 Days
to come

Too tired to do anything tonight
except make a few labels.

SATURDAY, JULY 17, 1937

198th
Day

167 Days
to come

Shaw and Stern worked this morning.

Two youngsters from Pasadena, Blair and Irvine called this morning and took considerable time discussing reptiles and collecting in general. They had a two-headed pit viper B. atrox or something closely related thereto.

Spent the rest of the day continuing the work of putting specimens away and labeling. Out to dinner in the evening.

SUNDAY, JULY 18, 1937

199th
Day

8th Sunday after Trinity

166 Days
to come

Did much miscellaneous
house work today. Out to dinner
tonight.

MONDAY, JULY 19, 1937

200th
Day

165 Days
to come

Worked on labor matters tonight.
A recent Perkins trip.
2 gates DOR Cuyamaca
1 Boyle K at Descanso DOR.

TUESDAY, JULY 20, 1937

201st
Day

164 Days
to come

All three boys worked today.
Put specimens in jars etc.

Perkins returned from Cedros
today. Got a colonyx, worm
snake, exul and a number
of lizards.

Says lizards are quite
scarce.

Worked on labor matters tonight.

WEDNESDAY, JULY 21, 1937

202nd
Day

163 Days
to come

Working on labor agreement tonight

THURSDAY, JULY 22, 1937

203rd
Day

162 Days
to come

Recd today a large Pacific
letter from Missim Valley via
Arlie Key
Labor agreement work tonight

FRIDAY, JULY 23, 1937

204th
Day

161 Days
to come

labor agreement tonight

SATURDAY, JULY 24, 1937

205th
Day

Pioneers' Day (Utah)

160 Days
to come

Went to Zoo and Nat. Hist. Mus.
this morning and cleared up
misc. matters.

Afternoon in clerical work and
labor agreement.

Read a tentilla from J. D. Phelps
Grossmont. Was caught by a
cat and injured; says his cat
catches many small snakes.

Company tonight.

Noted at NHM a B. woodhousii
picked up dried up at Plaster City,
Imp. Co.

SUNDAY, JULY 25, 1937

206th
Day

9th Sunday after Trinity (St. James)

159 Days
to come

Worked on labor contract
all day.

(Sept. 4th Continued)

then black even blotches again. This was at Rock Creek crossing - the rise out of Little Round Valley. It is north of Sherwin Summit. The first lepid of the morning was seen here; too cold and windy before.

Coming down Sherwin grade the country is rocky and brush covered - somewhat more barren. There are many rocky hillsides and it looks like stephensi country. It was now warmer and less windy.

Hunted for a short time just north of the Mono County - Inyo County line at Paradise Camp. Got skellys and utas - nothing else seen.

lost a fine gopher crossing the road 8 mi NW of Bishop. Got away in high grass. 10³⁰ AM. Fields and rocks.

1 Bouffes King DOR M 8 mi NW Bishop. Grass

Thin white rings - wide brown.

1 Red Racer L DOR 7 1/2 mi. W of Bishop. Grass

Black head - prominent cross marks

1 Red Racer J DOR 6 mi W. of Bishop. Grass - brush

(Continued on July 26)

MONDAY, JULY 26, 1937

207th
Day

St. Anne

158 Days
to come

Very tired tonight.

(Sept. 4 Continued from July 25)

Brown; neck rings very clear.

- 1 Red Racer M DOR 5 mi. W. of Bishop. Sandy desert - low brush. This may be considered possible cerastes territory. If there is any further to the north it must be over toward Nevada - certainly not along this road.

While looking at the above red racer saw another in a brush by the roadside. Shot it. Sandy desert - light brush.

- 1 Red Racer L DOR 3 mi. W. of Bishop. Fields
Brown head - light cross marks on the neck
- 1 Gopher M DOR 3 mi. W. of Bishop. Fields.
- 1 Vagrans L DOR 2 mi W. of Bishop. Fields -
Irrigation ditch.

Reached Bishop at 11⁴⁵. It was warm and virtually windless. There was a big crowd milling around waiting for an afternoon picnic and parade.

- 3 Red Racer J DOR 4 mi. S. of Bishop ^{sage brush}
Dawed the head of the last one.

- 1 Gopher L DOR 4 mi. N. of Big Pine
Sandy desert. This looks like possible cerastes country again.

(Continued on July 27)

TUESDAY, JULY 27, 1937

208th
Day

157 Days
to come

Very tired tonight.

All 3 boys worked today

(September 4 Continued from July 26)

We now went 4 mi. W. along Big Pine Creek looking for a cool place to eat. It was cooler but there were no trees not already preempted. Got utas and both kinds of skelly here.

1 Juvenile red racer DOR Big Pine ^{lt} brush.
Lost a large red racer crossing the road 2 mi. S. of Big Pine Fields. 1:30 PM and quite warm.

1 Red Racer L DOR 4 mi. S. of Big Pine ^{Sandy desert} brush
1 " " J " "
1 " " J " 3 mi. N of Independence Fields
1 " " J " 2 " " " sand-brick

Had been bothered by a noise in the engine and discovered here that the fan belt was going bad. Fortunately found a shop with one that fit at Independence.

From here south the country is increasingly desert having been dried up by L.A. water bureau. There are many abandoned ranches and orchards. Just south of Lone Pine there are some sand hills and dunes which look quite possible for sidewinders
Stopped for an hour in a shady spot
(Continued on July 28)

2 of the boys worked.

(September 4 Continued from July 27)
at Lone Pine to rest. 3 to 4 P.M.

lost a small snake, probably a
juvenile racer, crossing the road 9 mi
S. of Lone Pine. Rocks - brush 4¹⁵.

1 long nose J DOR 9 mi. S of Lone Pine ^{Rocks} brush
saved.

1 Red Racer M DOR Monache Sandy
desert with light brush. Saved.

1 Red Racer J. DOR Olancha. lt brush.

The first tree yuccas are a little
south of Olancha.

1 Red Racer L DOR Cowan Sta. ^{Sandy desert} greasewood.

From here south the findings were
very disappointing. The DOR'S almost
ceased, indicating that the Owens Valley
is a better collecting ground (particularly
around Bishop) than the Indian Wells Valley
south of Little Lake. No lizards were
seen in this territory; on a previous trip
they were plentiful. Reached Little Lake
at 5³⁵ and the branch W. of Brown at 5⁵⁰.
It was still quite warm.

1 Patchnose J. DOR Terese, Kern Co. Desert, light
brush. 6²⁰ dusk. It was dark at
7 before reaching Randstrey.

(Continued on July 29)

THURSDAY, JULY 29, 1937

210th
Day

155 Days
to come

3 boys worked today on
Somura occipitalis and Coleonyx
variegatus.

Young Cy Perkins & Chas. Shaw
went out on the desert yesterday.

1 Striped Racer DOR mussey grade
Shower at 3³⁰ in the afternoon.

1 Worm Snake DOR at the Nations. ^{always.}

1 Bayles King, raining, at 11¹⁵ ^{PM}. Banner.
In the evening it was 82° to 86°.

Got 9 geckos between 7²⁶ and 10³⁵

Total miles traveled from 7²⁶ on in desert
country was 67.

(Sept. 4th Continued from July 28)

The evening drive was exceedingly
disappointing. Conditions seemed to be
good - no moon, little breeze, temperature
most of the time 75°F although it was
down to 69° when we reached Miller's
Corner at 9³⁰. We were much bothered
by straws (evidently a hay truck had
recently gone by) and we may have
missed some small snakes, as we
travelled at a good speed (45-50) but
we certainly did not miss any
adults.

(Cont on July 30th)

FRIDAY, JULY 30, 1937

211th
Day

154 Days
to come

Chas Shaw worked today
got a little misc. work done
tonight.

1 long nose J caught in at 8³⁰ Kramer
Hills. Dark, slight breeze, 75° F
1 Cerastes J caught in at 8⁴⁰. 12
mi. N. of Adelanto, 75° F. Quiet.
Reached Miller's Corner at 9³⁰ and
San Bernardino auto court at 10¹⁰.
Warm with a slight breeze. The
traffic lights were bad through
Canyon Pass.

Miles today 321.

A good many records especially
of red necks but otherwise disappointing.
The number of juveniles in recent days
is quite suggestive.

SATURDAY, JULY 31, 1937

212th
Day

153 Days
to come

Miscellaneous checking and
recording all day.

Chas. Shaw worked today.

SUNDAY, AUGUST 1, 1937

213th
Day

10th Sunday after Trinity

152 Days
to come

Made good headway today on miscellaneous work. Bro't the museum catalog up to date. Described the new sonora. Reviewed specimens. Checked colors on various specimens with Ridgway as follows:

Colony x Cedros Island.

Top of head and forward dark unis are Raccardos Umber; between Ecu Olive.

Chaunia from Oregon. The larger specimen from Bradley. Dorsally Trakella Color; below Colonial Buff.

5 smaller specimens from Prospect.

Above Pecan Brown to Roods Brown; below Pinkish Cinnamon.

Leptotyphlops from Cedros. Dorsally. Deep Livid Brown.

MONDAY, AUGUST 2, 1937

214th
Day

151 Days
to come

Checked Sonora papers

TUESDAY, AUGUST 3, 1937

215th
Day

150 Days
to come

Concert tonight. Down told me
of catching a boar at Jamul
and a Boyles King at Murray
Dam within the last two days.

WEDNESDAY, AUGUST 4, 1937

216th
Day

149 Days
to come

(Sept 3^d Continued from Aug 6th)

We descend again into a valley with some cultivation and irrigation at Topaz lakes. The surrounding hills are covered with light sage.

Caught a gopher crossing the road at Coleville, Mono Co. This was at 4²⁰. It was warm. Fields - brush.

We now proceeded over a pass following up the Walker River. It was increasingly cold and windy. Then down to Bridgeport and over a just finished highway past Virginia lake junction. This section looks rather high and cold for rattlers.

We put up for the night at Tugja Lodge, Mono Lake Po. A nice place, but cold and windy tonight. Reached here at 6PM, elev. about 6000ft. Rocks and sage on the west lake shore. Looks like fair rattler country. What change is there between here and Bishop's causing Mono to be lutesus territory and Bishop to be stephensi.
Total miles today 221.

Was told of a rubber snake seen here yesterday. The description leaves no doubt as to what it was. They say there are no toads.

THURSDAY, AUGUST 5, 1937

217th
Day

148 Days
to come

FRIDAY, AUGUST 6, 1937

218th
Day

Transfiguration

147 Days
to come

Philip arrived early this morning.

one of the small blue tailed whip tails - in fact shot one's tail off. The nesters are up in the bushes off the ground.

Longnose S. DOR Wadsworth Grass.

Turned westward again at Fernley.

1 Patchnose DOR at Clark's Station

Rocky grass.

Now returned to Reno. It was quite warm. Got the mail

left Reno south-bound for home on US 395 at 1⁴⁵. Clear and warm.

2 Swainson's DOR Steamboat, Storey Co fields.

1 J. Western yellow belly DOR Carson City.

Fields - light brush. Paved head

1 Racer L DOR Carson City Brush.

1 " " " 7 mi. N. of Minden ^{Fields} brush

All of this area is a large cultivated Valley fed by the Carson River.

Caught a medium gopher crossing the road at Gardnersville. Fields 3³⁰

1 Sw. Racer. DOR Carters, Douglas Co. lt. brush

South of the Carson Valley we cross rolling sage and rock-covered foothills and mountains.

Some juniper at the higher elevations.

1 Racer J. DOR Holbrook, Douglas Co lt. brush

(Continued on Aug 4).

SATURDAY, AUGUST 7, 1937

219th
Day

146 Days
to come

Went to the Zoo and Nat. Hist. this
morning.

Misc. work on specs. this
afternoon

(September 2nd Cont)

pine areas. Got a medium sized T. o. elegans.
No frogs or toads seen. This was 7 mi. W E
of Spooners. Went around the lake on
the west side on State Highway 89.
Took the bunch in and out of Fallen leaf
to see the place.

Stopped at a creek a few hundred
feet north of the Fallen leaf branch road
and got a tiny elegans. There were
about 10-12 shed adult skins around
one small rock and bush. Never saw
anything like this before. This camp Richardson

Hunted for a few moments at Meek's Bay
just south of the Peace Co line and got
a single green hyla.

We returned to Reno via highway 40
and put up at the same camp, after
trying several others and finding them
full. This was at 6:45.

Went to a movie in the evening.
Miles today: 174.

SUNDAY, AUGUST 8, 1937

220th
Day

11th Sunday after Trinity

145 Days
to come

Misc. work today.

(Sept. 1, Continued from Aug. 9th)

Examined the gophers caught yesterday. One was dead - maybe injured in capturing him as he was very hard to extricate from a thorn bush. (Probably lost my Sigma Xi pin here - found it gone last night). The other had thrown up a large mammal - maybe a prairie dog.

Reached Lovelock at 2:15. Tried a fine lot of sand dunes west of Lovelock part of a very extensive series. Still no sidewinders or other snake tracks.

1 Red Racer L DOR Fernley. Grass. Rather bad condition but seemed to be uniform in dark brown in color.

Was disappointed in the lack of snakes DOR and alive on the road in the afternoon compared with the morning.

Arrived at Reno at 4:30 and found a fine auto court. After getting settled down we drove around town and had supper. Then took rather tired.

Miles today 290.

Taeniatas buzzes its tail.

MONDAY, AUGUST 9, 1937

221st
Day

144 Days
to come

Catching up with reading.
Copied some of Gloyd's sheets.
Philip left early this morning.

(Sept. 1 Continued)

Juvenile Racer DOR Golconda, Humboldt Co.

Lt. brush. The juvenile racers evidently
known recently seem to be out in force.

1 Racer L. DOR Winnemucca. Lt. brush

It was now pleasant and warm.

In the afternoon it got unpleasantly warm
and fewer snakes were seen. There were
only a few lizards on the road. The DOR
mammals were very plentiful especially
jack rabbits. The proportion of mammals
to reptiles is quite different from that existing
further south.

Service station man said rattlers were
found all about Winnemucca. The country
from Winnemucca west to Fernley is
increasingly like the Mojave from State line,
Nev. to Barstow. Scattered mountain ranges,
some sand dunes, great alluvial fans. Some
dry lake flats, much brush, some rocky
hills.

Tried some sand hills west of Winnemucca
lizard tracks were plentiful, but no
sidewinder or other snake tracks.

(Continued on Aug 8)

TUESDAY, AUGUST 10, 1937

222nd
Day

St. Lawrence

143 Days
to come

Preliminary packing tonight.
All 3 boys worked today.

Perkins phoned the red rattler that
mated in captivity had 3 lvs and
~~3 dead young, infertile eggs.~~

(August 31 Continued)

at 440 we started west from Salt
Lake via US 40. It was hot.

1 Gopher L DOR Miles, Utah Grass
" " M " " " "

1 Taenias S DOR 4 mi. NW of Grantsville, Grass

1 Gopher M DOR Timpie, Brush

2 Gophers caught crossing the road at
Low, Utah; 1 at 6²⁰ the other at 6²⁵.

I had just fed. Both fought hard. ^{Dry grass.} _{brush}

Up to low the country is rather green
with grazing. Beyond it is much more
barren with sparse dry grass, low brush.
Some sand hills. Beyond is the Bonneville
Salt Flats - entirely barren. It got dark
while we were crossing these.

1 Gopher M. DOR 6 mi E of Knolls. Lt. brush. Sarc.

Beyond the Salt Flats the country couldn't
be seen; however it was probably good
as mice were very plentiful. It was not too
cold for snakes but they were not out.
We may have gone too fast for little ones, but
(Continued on Aug 11)

WEDNESDAY, AUGUST 11, 1937

223rd
Day

142 Days
to come

Worked hard packing up tonight.
All 3 boys worked today. Gave
them final instructions on counting
scales.

Saw the 3 little red nuthatches at the zoo.

(August 31 Continued from Aug. 10)
we certainly would not have missed
them if of any size.

Put up at the Mayer Hotel at Elko at
10⁴⁰ MST.

Miles in Salt Lake 25

Miles Salt Lake to Elko 233

Total today 258

Trip to date 4038

THURSDAY, AUGUST 12, 1937

224th
Day

141 Days
to come

Started for Seattle this morning at 9⁵⁵; a cool and cloudy day 54 miles in the county; nothing seen. Santa Monica at 1^{PM} 129 mi. Still cloudy. Santa Barbara at 3:30; 214 mi. via Roosevelt Highway. Warm and sunny. Went out via San Marcos Pass. Road much better than last time, but slower than highway. At Los Alamos slowed up by many National Guard trucks on the road. Quite hot in Santa Ynez valley. Foggy at Pismo Beach. Cool at San Luis Obispo where we arrived at 6 P.M. Tired. Turned in after supper. Miles today, 310. Not a reptile seen.

(Aug 13, cont)

met Lewin and his family in a SF restaurant. Saw Paul and A.J.

Reached Petaluma at 10²⁰. Put up at Hotel a/c difficulty in finding an auto court so late.

miles today 295.

FRIDAY, AUGUST 13, 1937

225th
Day

140 Days
to come

Started from San Luis at 7⁵⁰.
Cool and high fog. Drove north
via Morro Bay and the San Simeon-
Carmel highway. A fine drive
but the road unfinished in spots;
some one way traffic. Some fog.
Hunted for a few moments at a
couple of creeks. There were hyla
tadpoles at Wild Cattle creek.
Sawed one with legs. There was also
a Boyle's King Snake skin here;
part inside and part outside of a
hole. The road is much too cliff-
side for hunting.

1 Young gopher DOR Santa Lucia.

1 Gopher L DOR 15 mi. N. of Big Sur.

Saw Rattling at Carmel. He confirmed
triseriatus at 14,000 ft. Said he had
seen them in rocky country well above
timber line. Showed me a photo. There
were patches of snow on the ground and
he said it had snowed there the night
before.

1 Gopher L DOR Workfield, Monterey Co
(S.P. siding)

1 Rattler L do.

Saw Phil at Stanford at 5¹⁰.

(Continued on Aug 14)

SATURDAY, AUGUST 14, 1937

226th
Day

139 Days
to come

Started this morning from Petaluma at 8²⁰ a clear cool day.

1 Boyles King L DOR at Willits. Color red brown; the light rings clear white and rather narrow. Grass.

1 Pacific rattlesnake DOR 5 mi. N of Willits = Outlet, Mendocino Co. 1 garter here also but couldn't identify.

Hunted for awhile in Lone Valley Creek 2 mi. S. of Laytonville. Got 2 frogs and 2 tadpoles. Saw a skelly. A large frog got away.

1 garter DOR squirming at Scotia. Saved.

1 garter DOR squirming at Eureka. Saved.

This one was in rather bad shape.

Reached Crescent City at 7²⁰; dusk. Got a good auto count and went in town to eat. Quite cool.

Total miles today 324

A beautiful trip but a hard one because of the tortuous road.

Fixed the two snakes and turned in at 9.

SUNDAY, AUGUST 15, 1937

227th
Day

12th Sunday after Trinity—Assumption B. V. Mary
Panama Canal Opened 1914

138 Days
to come

Started from Crescent City this morning at 8³⁰ Clear and warm. It was clear all day; somewhat cool and windy when close to the coast. Didn't have any opportunity to stop and hunt except in a marshy pond a few miles south of Marshfield. Here the grass was too high, although I did see the tail of a garter snake disappear.

A number of garters were seen DOR and a few were passed up where the traffic or narrow road did not permit stopping.

1 Small dark garter (without mid-stripe?)

DOR at Elk River.

1 Concinus DOR near Bandon saved

1 " " at Riverton "

1 Small dark garter DOR Coquille

Reached Tillamook at about 6³⁰ where we expected to put up, but not finding a satisfactory camp we continued on to Seaside. Reached here at 8³⁰ and dined. Turned in at 10³⁰. Camp rather poor.

A hard trip — with a twisting road most all day. Miles today 388 by my speedometer, probably 10% more.

MONDAY, AUGUST 16, 1937

228th
Day

Bennington Battle Day (Vt.)

137 Days
to come

This morning it was clear and cool at Seaside. Did not get started until 9⁰⁵ because of having the gas cap on the tank fixed.

1 Small ordinoides DoR at Knappa, Clatsop Co.

Hunted in a small marsh at Clatskanie, Clatsop Co. As usual garter were seen in the grass but couldn't catch them. Collected a small ordinoides under a board. Stopped for a few moments at one or two other places but had no luck.

Arrived at home view a little before lunch and ate under a tree. Went to the plant and waited for Bob who arrived at 1³⁰. He showed us through the plant until 3 P.M. Very interesting.

Ate supper at the Green Parrot
Arrived at Seattle at 8²⁰
Miles to day 226
Total miles for trip so far 1546.

TUESDAY, AUGUST 17, 1937

229th
Day

136 Days
to come

At the Seattle convention

(August 30 Continued)

Reached Salt Lake at $\approx 3^{\circ}$. Warm and muggy. Spent the afternoon cleaning up. Got a nice camp this time. Contacted Woodbury's family - he was out of town.

Went to a movie in the late afternoon and had a late supper.

Miles today 186.

WEDNESDAY, AUGUST 18, 1937

230th
Day

135 Days
to come

At the Seattle convention.

(August 26 Continued)

him, he was located at a sign saying "25⁰⁰ fine for feeding bears". The squirrels were tame and would eat out of the hand. looked for sheep and goats at a number of places with the glasses but couldn't find any.

Starting from Glacier Park PO at 5³⁰ we went on to Helena via Browning, Dupuyer, Choteau, Augusta, Wolf Creek, arriving at 9³⁰. The country is rolling prairie with some cultivation. looked good for snakes but we saw none. Beyond Choteau it was dark and warm enough for snakes to be out - fire black highway - but nothing was seen.

At Helena there was a road meeting on and no hotel rooms were available. we were lucky to get the last cabin at the only auto court we could find. Miles today 307. Total miles to date 3002.

The mice on the road were quite thick tonight. It has been my experience that there are many more mammals on the road alive & DOR than reptiles in the NW.

THURSDAY, AUGUST 19, 1937

231st
Day

134 Days
to come

At the Seattle Gas Assn.

convention

(August 29th Continued)

the original cover - and this might support rattlers. Off to the east could be seen rolling hills covered with grass and sage; no doubt rattlers are found there now. Couldn't see the country from Idaho Falls to Pocatello as it was dark but it seemed mostly cultivated.

1 Vagrans DOR Chester (near Ashton)
Grass. not saved.

Arrived at Pocatello at 8³⁰ and found a fairly good auto court.

Miles today 208.

Spent the rest of the evening on mail and papers.

FRIDAY, AUGUST 20, 1937

232nd
Day

133 Days
to come

Left for Victoria at 9 A.M. Spent the afternoon in a drive to Butchart's Gardens and other scenic attractions via Brentwood and the Saanich Peninsula

(Aug 22 Continued)

Reached Spokane about 6:40 in a driving rain. Miles today 194.

The country between Wenatchee and Spokane is only fair. Much of it is high rolling prairie given over to wheat farming and this looks as if good only for gophers. Where the Columbia is crossed or crossing coulees or other low valleys it looks much better. There is sage brush and much rock. Most of the country is quite dry. This ought to be good lizard country in proper weather. There ought to be the usual desert rock species.

SATURDAY, AUGUST 21, 1937

233rd
Day

132 Days
to come

Spent the early hours driving around the residence district of Victoria. Then visited for about $\frac{3}{4}$ hour with I.M. Cowan at the Museum. Had a most interesting time. He told me of the differences in habits and habitat of T.o. vagrans and T.o. ordinoides on Vancouver Island.

The former lives on the bay shore or the shores of rivers and often hunts fish in salt water. He has often seen them do it. They are much brighter than those found in the interior of B.C., although those found on the west coast of the mainland are similar. He will send me some.

T.o.o are in the interior where there is underbrush. Cowan thinks the T.o.v. ought to be a good subspecies.

Returned to the mainland at Seattle 11 A.M. - 4 P.M. and got started east by 5 P.M. It took a long time to get mail and repack the car.

Arrived at Wenatchee at 9²⁰. Auto camps all full so put up at hotel. Good room but inconvenient of c y baggage. A fine dusk and evening drive through the Cascades must have been warm today.

Miles today 165

SUNDAY, AUGUST 22, 1937

234th
Day

13th Sunday after Trinity

131 Days
to come

Started this morning from Wenatche at 10 o'clock. It was overcast with a sprinkling of rain. This condition continued all day and although we passed through some good looking country, especially leysids, nothing alive was seen as the weather was against us. Saw the sun only for a few moments at Grand Coulee. It got increasingly bad toward Spokane and about 20 mi. W. started a heavy rain which kept up all evening.

1 gopher M. DOR 5 mi N. of Wenatche
Douglas Co. Pinkish color. Orchard - Sagebrush.

1 Ratter M. DOR 2 mi E of Orondo
Douglas Co. Barren rocks - stream. Usual
Washington Pacific

2 gophers M DOR Coulee, Grant Co
Orchard - Sagebrush.

1 gopher M 3 mi. SE of Coulee Dam
Rocky canyon.

1 Western Yellow Belly M DOR. Reardan
Lincoln Co.

Stopped for about 4 hours at
Grand Coulee Dam. Heard 3 lectures on
the dam construction.

(Continued on Aug 20th)

MONDAY, AUGUST 23, 1937

235th
Day

130 Days
to come

This morning we started from Spokane at 8¹⁵ PST. It was cold, cloudy and windy and got increasingly damp as we proceeded. By the time we reached Coeur d'Alene, Idaho it was raining hard; this continued intermittently all morning and early afternoon. It also rained in the late evening.

The scenery was gorgeous but the country is not herpetologically inclined. Turned over a few boards at one or two places but found nothing.

1 Bufo b. boreas DOR 2 mi S. of Moyie.

1 T. o. vagans DOR (saved) 3 mi. S. of

Radium Spring grass.

Reached Johnsons camp at Castle Mt at 9 P.M. PST after a fine drive through the Kootenai National Park.

Saw a black bear and cub; two moose; and several deer. There were a few mice on the road and several animals unidentified.

Almost out of gas on reaching the camp. It was late (9 PM PST) and we were cold and tired. 366 miles today over a tough road. Not much paving, rain, puddles in the road which splashed the car, and considerable construction under way

TUESDAY, AUGUST 24, 1937

236th
Day

St. Bartholomew

129 Days
to come

This morning we started from Johnson Canyon Camp at 10⁴⁵ MST Part cloudy and cool but better than yesterday. Everyone complains of the unusual weather this summer. Almost freezing last night.

First drove to Lake Louise had lunch and a sight seeing walk.

at 2¹⁵ went westward sightseeing as far as Field. Then returned and went to Banff. Turned over a few rocks and inspected ponds, but nothing was found.

Spent the early evening waiting for a room to show up at the Banff Springs Hotel but it didn't. Put up at the King Edward. Had supper at the Springs.

Total miles today

WEDNESDAY, AUGUST 25, 1937

237th
Day

128 Days
to come

This morning we started east from Banff at 8³⁵ MST. It was still cold and part cloudy. Arrived at Calgary at about 11³⁰ where it was clear and warm. Most of the road is through rolling foothills first grazing country then wheat.

We did not leave Calgary southbound until about 2¹⁵. Again we struck wheat country then grazing foothills - many prairiedogs just north and south of the border. Should be rattlers here but we saw none. Had no trouble at the border - took only a few minutes to get through. We just went to the checking station at St. Mary's, then back 24 miles to many glaciers. Here a fierce wind was blowing. The cabins were without bath. Didn't try the hotel. Back to St. Mary's Chalet - no good accommodations here. Then got a new cabin just outside the boundary at Blacks. Turned in at 9¹⁰. Miles 327. Very tough going from 20 mi. S. of Calgary to the border. Gravelled road - rough. New one under const.

THURSDAY, AUGUST 26, 1937

238th
Day

127 Days
to come

This morning we started from Black's Camp at St. Marys at 9⁵⁰. It was clear and warm with a strong breeze. We drove over the Gony to the Sun Highway to Belton. Had lunch at the Mc-Donald Hotel. The glaciers were a disappointment but the rock formations beautifully colored. There was a ranger at Hogan Pass who said there were no rattlers in the park but there were 2 gators. He said toads were common in a wet spot a few hundred feet from the ranger station. I went down and got one. We drove back through John Stevens Canyon and over Maria's Pass to Glacier Park Po where we arrived at 4 P.M. and were busy with mail and telegrams until 5. One toad (same as in Pass) D & R at Hidden Lake R.R. 51 — the only amphibian or reptile seen all day on the road. Saw one bear on the highway near Hidden Lake Camp Ground (different from RR Station mentioned above). He was very amusing, sitting in the road scratching himself whenever a car came along but unfortunately for
(Continued Aug 28)

FRIDAY, AUGUST 27, 1937

239th
Day

126 Days
to come

This morning we started from the auto camp at 8⁴⁵. Had trouble with again lighter short circuiting and almost set the car afire. Stopping to fix this and doing some shopping set us back and it was 10 before we finally left Helena. Clear and quite warm.

1 *T. s. parietalis* DOR 6 mi N. of Toston. Stream
1 *Vireo* L DOR 2 mi. S. of Toston. Sandy plain, short grass. Just after crossing Missouri R. Usual green color, narrow brown blotches.

Hunted for 15 minutes on a fine granite stream hillside 7 mi S of Toston. Not too hot. Nothing seen. A fine place for birds if there were any in the country.

Another *Vireo* DOR 8 mi. S of Toston. Short grass and tar weed. This only country just like this we have seen and only country where vireos have been found DOR.

Went via Three Forks, Bozeman and Livingston to Mammoth Springs entrance to the Park. Very vague data on accommodations not agreeing with published circulars. Finally put up at Old Faithful Hotel at 5³⁰. Pretty tired. Ride through Gallatin area quite hot. 1 *Quercus* *Ordovician* group 3 mi E of Madison Jct. DOR. in Park. Miles today 237.

SATURDAY, AUGUST 28, 1937

240th
Day

St. Augustine

125 Days
to come

Spent the day sight seeing in
Yellowstone. Made the loop Old Faithful -
Thumb - Lake - Canyon - Tower Falls -
Mammoth Hot Springs - Norris Junction -
Madison Junction - Old Faithful. Stopped
at view points, geysers, museums etc.
Started at 9³⁰; returned at 6¹⁵ in time
to see Old Faithful spout. Stopped at
the main park museum but the Park
Naturalist was ill. Rain in the morning.
Miles today. 149.

Went up Mt. Washburn 10,317 and
got it some.

Was clear and cool in the afternoon.

SUNDAY, AUGUST 29, 1937

241st
Day

14th Sunday after Trinity

124 Days
to come

This morning we took it easy packing, finally getting started from Old Faithful at 10⁴⁰. It was cool and cloudy.

We drove to West Yellowstone arriving at 10⁵⁰ having stopped to observe and photograph geysers and bears enroute. Having ascertained that the Post Office would open between 3³⁰ and 4³⁰ we went 5 miles due north and had lunch. Then I hunted for awhile along a creek and got a number of toads and frogs.

Got the mail at 3³⁰ and at 4 started for Bozelle. It was clear and warm. Got some rattles locations from boys at the service station.

1 gate DOR Targhee Pass a couple of hundred feet on the Montana side of the line. Trees - grass. Saved this specimen

The country from the Park Boundary to Warm River doesn't look like rattles country. Rolling forested hills with a few flat plateaus. Too high and cold. From Warm River to Idaho Falls is mostly irrigated although there are a few flats covered with sage - probably
(Continued on Aug. 19)

TUESDAY, AUGUST 31, 1937

243rd
Day

122 Days
to come

Started uptown this morning at 8³⁵ and got the mail. It was warm and sultry. Went out to the University at 9 and met the Woodburys - Mrs., son, and daughter. A.M. is at Zion. They took me over to the laboratory where I stayed until 4. Made a list of the museum rattlers and counted 2. Many visitors and interruptions so I couldn't get more done.

Woodbury has done much work lately on snake dens. He has found a number of viridis and lutosus dens has photographed them and marked some specimens. He has collected a number of good series of these forms and some from south eastern Utah which he thought concolor but which I would consider viridis, lutosus or intergrades. Will try to borrow these. Met Chamberlain, Rees, Behle and a number of others. Young Woodbury is interested in statistics.

Woodburys specimens are in formalin and although well catalogued are not very well preserved and are mixed up and hard to locate. Also they are out in the light.

Saw a small pink mountain skin (not catalogued) from House Rock Valley, Coconino Co Ariz. Woodbury, Aug 9, 1937
(Continued on Aug 10)

WEDNESDAY, SEPTEMBER 1, 1937

244th
Day

121 Days
to come

This morning we started from Elko at 7⁴⁵ PST. It was clear and cold. got several authentic rattlesnake localities from the man at the service station.

The first lizard was seen on the road at 8⁴⁵.

Caught a little racer on the road at Dumphy light brush. This spot looked good enough to stop for; hunted for awhile. Shot a skelly. Found a rattlesnake coiled in the grass; almost stepped on him. Also saw a small blue tailed whiptail. This was at 9³⁰; fairly warm.

The country west of Elko looks fine for reptiles. Much light brush and rocky hills.

1 Gopher L DOR Dumphy. light brush.

lost a small snake on the road here; probably another juvenile racer. This was just west of the Lander-Eureka Co. line.

Hunted again a little further on but got nothing

1 Gopher M DOR Mozel, Lander Co. lt. brush

1 Juvenile Racer DOR " " " " Saved

Hunted for a few moments near Battle Mountain. Saw a small whiptail. It was now moderately warm.

Ran over a large racer crossing the road at Valmy. Saved him. Lt. brush. Time 10⁴⁰
(Continued on Aug. 9th)

This day was spent in sight-seeing around Reno.

We started from Reno at 9⁵⁰; early it had been cold; now it was clear and warm. We first drove to Virginia City on highways 395 and 17. Looked over the old cemetery and went through a small museum. Then down the rather tough Gold Hill Road. Shot a whiptail at Silver City - the only lizard seen all day.

Then went on to Carson City where we ate a soda; then south and west on U.S. 50.

1 Racer L DOR 2 mi. S. of Carson City; heavy sage brush; sawd head. This area looks good for snakes.

We then went west on 50 to the Lake.

I see no reason why lutosus and oreganus should not intergrade or overlap in this area if oreganus ever gets east of the divide which it evidently does.

Stopped for lunch on a small creek 1 mi. E. of border of Tahoe National Forest. This was a small side creek at the junction of the sage brush and
(Continued on Aug 7).

FRIDAY, SEPTEMBER 3, 1937

246th
Day

119 Days
to come

Started out this morning from Reno at 9:05. It was then clear and cool. First went into town for gas and supplies. Then went north on US 395 for about 10 miles; rolling brush covered hills. Found nothing, so went back to Reno.

Next went east toward Fernley. Found this better. Pass various irrigated sections along the Truckee River and also some rocky hills with light brush and grass.

1 Med. Gopher DOR 12 mi. E. of Reno ^{grass +} rocks

1 Longnose M DOR Derby. ^{grass and rocks,} much black and a little red. Also got a large magister here. Stopped at several other places along here and got a few lizards

1 Gopher L DOR Derby. Rocks. Paved.

This snake had tied himself into a double knot in his contortions.

1 Red Racer S DOR Derby. Rocks. Usual brown specimen with plenty of spots below. Head seems brown, not black.

(It was now quite warm).

Hunted in some dunes of fine sand just west of Wadsworth. Plenty lizard tracks but no snake's. Got a magister and saw a

(Continued on Aug. 6)

This morning we started from Toga Lodge (Mono Lake PO) at 8¹⁰. It was clear cool and windy.

1 Vagrans J DOR grass Mono Lake PO
 1 " L " " " saved

There is ample reason for the break between the rattlers of the Mono Basin and those in the hills around Bishop. Mono is a high flat with sage brush and rocks and looks OK for any rattlers that can stand the altitude. Between this country and the Owens Valley the territory seems too high for either lutosus or stephensi. The road passes through pines and the altitude is considerably above Mono. It is a country for oreganus if any rattlers are present at all. lutosus and stephensi may contact or overlap in Nevada but not along this road.

Stopped for a few moments at the crossing with Emvict Creek but did not find anything.

1 Gopher L DOR little Round Valley. Brush - rocks. This gopher was like the Mohave desert specimens. Black blotches (the first paravertebral) at the neck; then red on the major part of the body;
 (Continued on July 25)

SUNDAY, SEPTEMBER 5, 1937

248th
Day

15th Sunday after Trinity

117 Days
to come

Started home from San Bernardino this morning at 9:30 and reached San Diego at 1:15. It was clear and quite hot. There was considerable traffic on the road.

1 Boyles King J DOR Box Springs, Brush.

1 Gopher L DOR, Anderson, Grass

1 Red Racer L DOR, Sedco, Orchard-grass

1 Calif. King L. DOR, Temecula, Grass
Single central stripe like SDCa

1 Boyles King J, DOR Bonsall, Brush

Miles today 123

Miles in San Diego Co 66 (Came home by way of Ocean side)

Total miles for the trip 5170

Probably about 10% more of inaccuracy of my speedometer.

Noted today that the little sidewinder picked up last night, which bit himself in his struggles, was dead. This was the only live snake which died on the trip today. It was 181 mm. long.

Spent the afternoon and evening catching up.

MONDAY, SEPTEMBER 6, 1937

249th
Day

Labor Day—Jewish New Year
Battle of Marne 1914

116 Days
to come

Spent the day catching up; worked in the morning at the office. Went to the zoo in the afternoon and talked things over with Ey. A brood of King snakes was hatching; 2 straight boyles were out and 2 others had cut the shell. A brood of 3 organes were born while I was away. Got a number of specimens from him.

Shaw worked all day and Duell in the afternoon.

H.R. Hill called this afternoon. He will call again in the morning for his specimens.

TUESDAY, SEPTEMBER 7, 1937

250th
Day

115 Days
to come

Very busy catching up. Went to the Natural History Museum at noon.

Chas. and Jim worked this evening.

Chas. Shaw and Cy Perkins Jr trip of Sept. 9th.

1 Red Racer DOR Witch Creek

1 Cal Racer " " "

Left Benson's east bound at 7³⁸P.M 94°

1 Redwinder caught on Drylake 8⁰⁵ 94°

1 Leaf nose " " " 8¹⁷ "

1 " " " The Narrows 8³⁸ 88°

1 " Tur " " Drylake 9²⁰ 89°

1 " " " " 10²⁵ 89°

1 Young dip " " The Narrows 10⁵⁰ 89°

Total miles evening drive in desert 49.

WEDNESDAY, SEPTEMBER 8, 1937

251st
Day

114 Days
to come

Still busy catching up.
Got Huey's specimens this noon.
Jim worked this evening.

THURSDAY, SEPTEMBER 9, 1937

252nd
Day

113 Days
to come

Miscellaneous work tonight —
some catching up.
The boys did not work today.

FRIDAY, SEPTEMBER 10, 1937

253rd
Day

112 Days
to come

Some mapping and other catching
up tonight. Got Omars work today,
principally Gloyd's Sistrurus
records which he had tabulated

SATURDAY, SEPTEMBER 11, 1937

254th
Day

111 Days
to come

This morning worked over
Gloyd's Pistrurus records and
they are now ready to return.
In the afternoon went to the
Ballantyne - Jenney wedding at
Alpine. Went out too fast to check
the road but drove slower
coming back by Bellesa and
Tamaicha. 15 miles. Nothing
seen. A warm sultry afternoon
with lightning.

(Sept. 12 Continued)

Reached San Fernando at 11⁴⁰
and put up at a fair court. It
was hot

Total miles 303

Miles in possible territory (desert)
at night 103; travelled slow enough
not to miss anything. Certainly not
as good as spring collecting.
Miles in SD Co. 67.

SUNDAY, SEPTEMBER 12, 1937

255th
Day

16th Sunday after Trinity
Old Defenders Day (Baltimore, Md.)

110 Days
to come

Spent the morning on accounts.
At 2 in the afternoon started
for the Mojave desert with C. B. Perkins.
It was hot and sultry - the
hottest day of the year.

67 miles to the County line.
Nothing seen.

Went out via San Bernardino
and Cajon Pass. Reached Miller's
Gorner and started the evening
hunt at 6⁴⁰. It was then almost
dark. Went north 7 miles then turned
west toward Llano and Little Rock
before reaching Adelanto. This road
looks good at night.

1 Gecko caught on 4 mi. S. y Adelanto
7 PM breezy, 84° F, 1/2 moon

1 Longnose J. Caught on 5 mi. N y
Phelan, S. Berdo Co, 7²⁵, 82°, quiet

1 Med Scute DOR Llano, LAC, 8⁰⁵, 80°

1 Rhinocelus J DOR Fairmont
9³⁰ breezy, 80°

Hunted in the yuccas between Fairmont
and Heenach for a short time but could
not see Xantusias.

1 Scute J. Caught on 6 mi. W. y
Fairmont. 9⁵⁰, 80°

(Continued on Sept. 11th)

MONDAY, SEPTEMBER 13, 1937

256th
Day

109 Days
to come

Meeting of Supts in LA from
10 AM to 2 P.M. Then drove out
to UCLA and delivered specimens
to Cowles. Talked herpetology until
4 P.M. Saw a large trimerophodon
(looks like lyrophanes) from Vidal
Alen Bernardino Co

Left for home at 4¹⁵ and
arrived at 8²⁵. No SDCo in daytime.

Miles today 213; total for
the trip 516.

TUESDAY, SEPTEMBER 14, 1937

257th
Day

Star Spangled Banner
Music Composed 1770-1775
Words Composed Sept. 14, 1814

108 Days
to come

Went to a movie tonight.

WEDNESDAY, SEPTEMBER 15, 1937

258th
Day

Ember Day—Jewish Day of Atonement

107 Days
to come

Spent the evening classifying
and putting away specimens and
got everything finished that is
packaged.

THURSDAY, SEPTEMBER 16, 1937

259th
Day

106 Days
to come

Miscellaneous catching up tonight.
Milked 7 rattlers.

FRIDAY, SEPTEMBER 17, 1937

260th
Day

U. S. Constitution Adopted 1787
Ember Day

105 Days
to come

Called at the Zoo today for
specimens.

Philip came down from Palo Alto
today
Worked on catalogue entries tonight.

SATURDAY, SEPTEMBER 18, 1937

261st
Day

Ember Day

104 Days
to come

Worked all day pickling specimens
and on locality records in the evening.
Milked the 78 little rattlers of the Bonesteel
series.

Shaw worked morning and evening.
learned that Sterne has quit for good.

Unpacked the can from Mrs. Wiley.
A terrible mess, mostly useless.

Chapman Grant called this afternoon.

All rattler entries tabulated
and mapped to this date

SUNDAY, SEPTEMBER 19, 1937

262nd
Day

17th Sunday after Trinity

103 Days
to come

Spent the morning peckling the Bonesteel series of baby rattlers. Expected show but he didn't show up until noon. Took me so long to tag, measure and slit these 79 specimens that some became quite soft.

Out to lunch.

Spent the evening on the return cards from Nebraska in an attempt to figure ranges. SE Nebraska is complicated.

MONDAY, SEPTEMBER 20, 1937

263rd
Day

102 Days
to come

Went to a meeting of the reptile club tonight. Small attendance. Summer experiences.

Miss — reported a ruler DOR San Felipe Valley.

Said a few days ago they had tried night collecting in Borego Valley from 9-11 P.M. and 3 to 6 A.M. Not a thing was seen it was quite warm and they drove slowly.

TUESDAY, SEPTEMBER 21, 1937

264th
Day

St. Matthew

101 Days
to come

Went to Palomar today with
Gy Phil, Ed, & Beet. A clear warm
day. Out at 10²⁰ back at 6. Went
via Escudido, Rincon, and the
new road from Cuesta Miera. Went
to Kolenta Ranch then to the observatory.
Back by way of Hanshaw, Santa
Ysabel, Reimona. 156 miles.
Nothing seen alive or dead.

WEDNESDAY, SEPTEMBER 22, 1937

265th
Day

100 Days
to come

Duel worked this afternoon.
left for San Francisco on the
afternoon train. Not feeling so good.

THURSDAY, SEPTEMBER 23, 1937

266th
Day

1st Day of Autumn

99 Days
to come

In San Francisco. Saw-Checking
in the morning. Attended meetings
all day.

FRIDAY, SEPTEMBER 24, 1937

267th
Day

98 Days
to come

Went to Berkeley today and spent the time at MVZ from 9²⁰ AM to 7³⁰ P.M. Saw Linsdale, Fitch, Rogers, Benson, Lee Arnold, Maslin, Ritter. Had some very interesting discussions. Got acquainted with various activities. In the afternoon and evening checked the material recently acquired. Saw Linsdale's Nevada paper. Talked garters with Fitch. Talked Cnemidophorus with Rogers and growth with Maslin.

Linsdale thinks the Bufo californicus may be the same as B. compactilis in Utah. May not be so bad in view of the calls.

SATURDAY, SEPTEMBER 25, 1937

268th
Day

97 Days
to come

Saw Alwin this morning and
talked over work and progress.

Went to the Stanford-Santa Clara
game in the afternoon and visited
with Phil in the evening.
left for home on the Sunset.

SUNDAY, SEPTEMBER 26, 1937

269th
Day

18th Sunday after Trinity

96 Days
to come

Arrived home at ~~the~~ noon. Worked
at the office most of the afternoon.
Saw Perkins at the Zoo.

Shaw worked this afternoon.
Put Mrs. Wiley's specimens away
again.

Spent the evening catching up.

MONDAY, SEPTEMBER 27, 1937

270th
Day

95 Days
to come

Duel worked today in the
afternoon. Did a little filing
tonight.

TUESDAY, SEPTEMBER 28, 1937

271st
Day

94 Days
to come

Heard today of Blanchard's death.
An irreplaceable loss to herpetology.

Went to El Cajon Rotary Club this
noon and then on to Lakeside substation
now under construction. 37 miles. Clear
and warm.

- | | | | |
|---------------|-----|-------------|-------|
| 1 Red Racer L | DOR | Riverview | grass |
| 1 gopher J | " | " | " |
| 1 Red Racer M | " | Chollas Hts | Brush |
| 1 gopher J | " | " | " |

WEDNESDAY, SEPTEMBER 29, 1937

272nd
Day

St. Michael and All Angels

93 Days
to come

Movie tonight
Deuel worked this afternoon
and pickled specimens.

THURSDAY, SEPTEMBER 30, 1937

273rd
Day

92 Days
to come

Chapman called tonight.

FRIDAY, OCTOBER 1, 1937

274th
Day

Missouri Day (Mo.)

91 Days
to come

Shaw and Deed worked
today; pickled specimens.

SATURDAY, OCTOBER 2, 1937

275th
Day

90 Days
to come

Worked this morning putting
specimens away. Miscellaneous
clerical work this afternoon.

Chas. Shaw worked today.

SUNDAY, OCTOBER 3, 1937

276th
Day

19th Sunday after Trinity

89 Days
to come

gg went to Pasadena this morning.
Spent the morning on a last
look over the growth paper.

In the afternoon put the library cards
into a single file. Got as far as
D.

MONDAY, OCTOBER 4, 1937

277th
Day

St. Francis of Assisi

88 Days
to come

Duel worked this afternoon
Worked on the card file of the
library tonight and finished
rearranging it.

TUESDAY, OCTOBER 5, 1937

278th
Day

87 Days
to come

Company tonight

WEDNESDAY, OCTOBER 6, 1937

279th
Day

86 Days
to come

Cook called this noon. Ray's
Mrs. Wiley is in Long Beach.

Deuel worked this afternoon. Told
me of catching C. marmorata at
Dole Falls; also a X. henshawi
5 $\frac{1}{16}$ " long at Gussmont.

Perkins at the Campo Road today
Cottonwood 1 Small gopher DOR
Tecate Jct 1 Patchnose "

THURSDAY, OCTOBER 7, 1937

280th
Day

85 Days
to come

Radio tonight

FRIDAY, OCTOBER 8, 1937

281st
Day

84 Days
to come

Went to Zoo and Nat. Hist. at
noon. Miscellaneous work tonight.

SATURDAY, OCTOBER 9, 1937

282nd
Day

83 Days
to come

Spent the day and evening on miscellaneous work, particularly bringing rattlesnake range records down to date.

Went to the funeral of Frank Stephens this afternoon.

Record of trip made by Perkins today to Borego Country to test out fall collecting at night.

6 mi. W. of Bensons	5:45 PM	Lights on.
Co. here	6:08	Turned west.
Bensons	6:37	82°

Gecko 6 mi. W. of Bensons 7:05

Wiz (DOR) 7 " " " " 7:12

Gecko 7 " " " " 7:12

Turned east again 4 mi. W. of the Narrows. 7:36

" west " 1 " " " Bensons 8:14

Moon set 8:17

Gecko 1 mi. W of Bensons 8:53

Miles of real evening driving after turning lights on 52. Not a snake seen alive or dead.

No DORs on the way out.

SUNDAY, OCTOBER 10, 1937

283rd
Day

20th Sunday after Trinity

82 Days
to come

Spent the morning on locality records and the accompanying maps.

Spent the afternoon on maps and planning future campaigns of investigation.

Left for Los Angeles on the evening train.

Rattler map records complete to this date in diary. Also all entries in catalogues - to Nos LMK 28066 - SDSNH 17137. Also all foreign material borrowed to this date. Includes George's Pistrinus.

MONDAY, OCTOBER 11, 1937

284th
Day

81 Days
to come

Returned from Los Angeles
on the afternoon train.

Went to the Fellows meeting
at the NH Soc tonight but didn't
stay for the lecture.

TUESDAY, OCTOBER 12, 1937

285th
Day

Columbus Discovered America 1492

80 Days
to come

movie tonight.

WEDNESDAY, OCTOBER 13, 1937

286th
Day

79 Days
to come

Worked on locality records.
tonight.

THURSDAY, OCTOBER 14, 1937

287th
Day

78 Days
to come

Out tonight. Called on Abbott
today.

FRIDAY, OCTOBER 15, 1937

288th
Day

77 Days
to come

Feeling bad today.
Deuel and Shaw worked this
afternoon.
Called at the zoo at noon.
Menechin tonight.

SATURDAY, OCTOBER 16, 1937

289th
Day

U. S. Mint Established 1786

76 Days
to come

Feeling bad today - nothing done
Shaw worked today.

George Dog said to be 6 years old today.

Breed of Pacific Rattlers. 3 born
8-24-37. Mother rather small. No others
or infertile eggs. Mother brought in
March 7, 1937. They shed. 9-3-37. Killed
10-16-37.

355-27-1c - ♂

335-20-1c - ♀

322-18-1c - ♀

SUNDAY, OCTOBER 17, 1937

290th
Day

21st Sunday after Trinity

75 Days
to come

Took sick today to do any consistent work, but did get many odds and ends cleaned up.

Shaw worked today.

MONDAY, OCTOBER 18, 1937

291st
Day

St. Luke

74 Days
to come

E. Ross Allen reports a copperhead
at Chattahoochee, Florida.

Finally called on the Dr. today.

TUESDAY, OCTOBER 19, 1937

292nd
Day

73 Days
to come

Movie tonight.

WEDNESDAY, OCTOBER 20, 1937

293rd
Day

72 Days
to come

Cook called up today.

Chapman Grant came to borrow
a book tonight.

Still feeling badly.

THURSDAY, OCTOBER 21, 1937

294th
Day

71 Days
to come

A little mapping tonight

FRIDAY, OCTOBER 22, 1937

295th
Day

70 Days
to come

Deuel and Shaw worked this afternoon.

Called on Mrs. Stephens today and got the remains of his specimens. Mostly from La Puerta and not in good condition. Nothing rare.

Got the proof of the Senora paper today.
Movie tonight.

SATURDAY, OCTOBER 23, 1937

296th
Day

69 Days
to come

Duel worked this afternoon.
Dissected a rattlesnake head.

Started once more on the head length statistics. Made some headway. Over three years have elapsed since I thought it was finished. It is a difficult and rather uninteresting section but must be finished to make way for the fang and venom sections.

SUNDAY, OCTOBER 24, 1937

297th
Day

22nd Sunday after Trinity

68 Days
to come

Worked all day and evening on head size abandoning everything in the basement. Made some practical headway at last.— a real start.

MONDAY, OCTOBER 25, 1937

298th
Day

67 Days
to come

Movie tonight.
Both boys worked this afternoon.

TUESDAY, OCTOBER 26, 1937

299th
Day

66 Days
to come

Talked snakes today at the Men's
Club of Lemon Grove
20 miles. Nothing seen.

WEDNESDAY, OCTOBER 27, 1937

300th
Day

Theodore Roosevelt—Born 1858

65 Days
to come

Deuel worked today
movie tonight.

THURSDAY, OCTOBER 28, 1937

301st
Day

St. Simon and St. Jude

64 Days
to come

Spent the evening getting cards ready to mail to County Road Commissioners in Montana, North Dakota, Wyoming, and Nebraska.

FRIDAY, OCTOBER 29, 1937

302nd
Day

63 Days
to come

A little miscellaneous work tonight. Churchman called and brought in a rattler from Alpine Co. Finished County Road Commissioner postals.

Feeling punk tonight.

Got from Perkins today a brood of 11 rules. Mother still here will be secured later. San Diego Co but no other data.

They were born Oct. 16. First one shed Oct. 26 morning; 4 more that afternoon; one during the night; one at 1 PM on the 27th. The remainder during the night of the 27th.

They were distinctly darker and less red before shedding. Before they were grayish and darker. Afterwards browner although not verging on red as in after life.

Recd from V. Smale a female oregana killed 9-12-37 at Hillsdale containing 5 large eggs and 1 embryo about ready for birth. The eggs were evidently infertile.

SATURDAY, OCTOBER 30, 1937

303rd
Day

62 Days
to come

Recd today a lot of young rattlers from Jackley, 95 of which one was dead, forwarded 10-26-37 from Mobridge, S.D.

2 Sidewinders from Borego recd today from Perkins. The female with the funny tail contained 8 eggs and mammal hair.

Recd the father of the 3 little rulers born in captivity. S.D. Co but nothing else known. He died 10-11-37

Met Bud Hathcock at the Zoo today. Had corresponded with him for a long time.

Grant called for literature twice

Milked the little viridis from Jackley and the brood of ruler. Observed that the little rattlers flatten, rattle, and strike (even when only a button) like adults. This shows that the rattle has nothing to do with a mating call.

SUNDAY, OCTOBER 31, 1937

304th
Day

23rd Sunday after Trinity (Hallowe'en)
Reformation Day

61 Days
to come

Worked much of the day with
Chas. Shaw pickling the 96 little
rattlers used yesterday from Tuckley and
other material.

Also worked on the head length
paper and made good head way.
Another draft is almost completed
although many computations remain -
unfinished. Think it is now
much improved.

MONDAY, NOVEMBER 1, 1937

305th
Day

All Saints' Day

60 Days
to come

Spent the evening mapping data
from the National Forests; plenty coming in.
Jim Deuel worked this afternoon.

TUESDAY, NOVEMBER 2, 1937

306th
Day

All Souls' Day
Election Day

59 Days
to come

Worked on accounts tonight.

WEDNESDAY, NOVEMBER 3, 1937

307th
Day

58 Days
to come

Received just one of the
County Surveyor cards back today
Devel worked this afternoon

THURSDAY, NOVEMBER 4, 1937

308th
Day

57 Days
to come

15 cards received today.
Mapping tonight.

FRIDAY, NOVEMBER 5, 1937

309th
Day

56 Days
to come

11 cards received today.
Head length calculations tonight.

SATURDAY, NOVEMBER 6, 1937

310th
Day

55 Days
to come

left this morning for Los Angeles at 6⁴⁵; arrived at 9⁴⁵. Had a blow out. A cool clear morning. May have seen a couple of dead snakes. Travelled too fast to be sure. Picked up Shorty. In the afternoon went to the Stanford-USC game.

Drove home in the evening. A light rain. Arrived at 9³⁰.

SUNDAY, NOVEMBER 7, 1937

311th
Day

24th Sunday after Trinity

54 Days
to come

Worked all day on head length
and made headway, although many
interruptions.

MONDAY, NOVEMBER 8, 1937

312th
Day

53 Days
to come

Only 9 cards returned today. I have
received 49 out of 112 today. But
forest data is coming in fine.
Forest mapping tonight!

TUESDAY, NOVEMBER 9, 1937

313th
Day

52 Days
to come

5 cards need today.
Out to dinner tonight.

WEDNESDAY, NOVEMBER 10, 1937

314th
Day

Martin Luther—Born 1483

51 Days
to come

Only one card received today. Looks
as if there would be barely a 50% return.
Ran over and killed a dog on
Rosecrans tonight. Didn't see him until
he was hit.
Out to dinner at Forwards.

THURSDAY, NOVEMBER 11, 1937

315th
Day

Armistice Day

50 Days
to come

One mail this morning; but no cards.

Chas. + Jim worked today; took a lot more specimens over to the NH museum.

Worked all day catching up on miscellaneous filing, recording etc. Also mapping and making a list of Forest officials for future use. Made good headway. Malted a few snakes.

FRIDAY, NOVEMBER 12, 1937

316th
Day

49 Days
to come

2 Cards returned today.
Dinner for Stewarts tonight

SATURDAY, NOVEMBER 13, 1937

317th
Day

48 Days
to come

1 Card today.

6 Cerastes. Borego (Dry Lake). Brought in (mother) 5-15-37. Young born 11-4; shed (all but one) on 11-11.

Did some mapping in the morning. Listened to football (Stanford - W. State) in the afternoon and prepared for mailing 196 Calif. locality questionnaires to State Game Wardens, State Fish Hatchery Supts, and US Forest Rangers in Calif. Didn't feel well enough to try anything more serious.

Chas Shaw worked today.

SUNDAY, NOVEMBER 14, 1937

318th
Day

25th Sunday after Trinity

47 Days
to come

Chas Shaw worked today.

Out to both lunch and dinner.
Spent the rest of the day on the
current locality campaign. Not
feeling well enough to tackle the
statistical study.

MONDAY, NOVEMBER 15, 1937

319th
Day

46 Days
to come

No cards today. Evidently this series are finished.

Went to the reptile club meeting tonight. Devel got a *Xantusia* at El Capitan measuring $5\frac{9}{16}$ " in length and the tail was not quite complete. *Xantusias* were very common there.

TUESDAY, NOVEMBER 16, 1937

320th
Day

45 Days
to come

First 2 replies to the California
ranger and game warden series
(letters not postals) received today.
No postals.

Went to El Cajon Rotary this morn.
30 miles - nothing seen.

Mailing cards to postmasters
tonight.

WEDNESDAY, NOVEMBER 17, 1937

321st
Day

44 Days
to come

Deuel worked today
Recd 3 replies from Calif Rangers
and Wardens

Started for San Francisco at 3⁴⁵
missed some clothes and came back
nothing seen in the county.
arrived at Bakersfield at
9⁵⁰

THURSDAY, NOVEMBER 18, 1937

322nd
Day

43 Days
to come

Drove from Bakersfield to S.F.
arrived at Palo Alto at 3³⁰. Talked
to Phil. Saw Neust at Stanford
Press. Arrived at B.F. at 6. Went
to a movie.

FRIDAY, NOVEMBER 19, 1937

323rd
Day

42 Days
to come

In S.F. all day on business.
Poor movie in the evening.

SATURDAY, NOVEMBER 20, 1937

324th
Day

41 Days
to come

Went to the Stanford - U.C.
game. My 17th consecutive big
game + Rain.

SUNDAY, NOVEMBER 21, 1937

325th
Day

Sunday Next Before Advent
Presentation B. V. Mary

40 Days
to come

Drove from S.F. to S.D. Started
from the hotel at 10. Stopped for
a short while at Palo Alto and
Delano where we left shortly. Bad
fog in many places from LA south.
Arrived at 12¹⁰

Found 34 answers to the Calif
questionnaire and 7 postal cards.

MONDAY, NOVEMBER 22, 1937

326th
Day

39 Days
to come

Recd today 16 questionnaire
answers and 16 postal answers.
A little map work tonight.

TUESDAY, NOVEMBER 23, 1937

327th
Day

38 Days
to come

Recd today 6 questionnaires and
22 postal answers

WEDNESDAY, NOVEMBER 24, 1937

328th
Day

37 Days
to come

Deuel worked this afternoon.

Recd 4 cards and 12 questionnaires
back today

A. C. Wallen reports that he
took both S. occipitalis and P. d.
perkinsi at Rice, Riverside Co.

THURSDAY, NOVEMBER 25, 1937

329th
Day

Thanksgiving Day

36 Days
to come

Mapping in the morning. Dinners
the rest of the day and evening.

FRIDAY, NOVEMBER 26, 1937

330th
Day

35 Days
to come

Chas Shaw worked today.
Got back 23 cards and 9 questionnaires.

SATURDAY, NOVEMBER 27, 1937

331st
Day

34 Days
to come

Got back only 2 questionnaires
and 1 card

Chas Shaw worked all day in
the basement

Chapman Grant worked in the
library.

I worked all day mapping
returns from the recent cards.

Also prepared 100 forest range cards
for sending out.

SUNDAY, NOVEMBER 28, 1937

332nd
Day

1st Sunday in Advent
First Post Office in New York 1783

33 Days
to come

All day and evening mapping,
rearranging, separating and general
clearing up.

MONDAY, NOVEMBER 29, 1937

333rd
Day

32 Days
to come

2 Cards, 1. questionnaire today.
mailed 2nd set of forest ranger cards.
Movie tonight
married 26 years today.

TUESDAY, NOVEMBER 30, 1937

334th
Day

St. Andrew

31 Days
to come

✓ Cards & questionnaire today.
Concert tonight.

WEDNESDAY, DECEMBER 1, 1937

335th
Day

30 Days
to come

Recd a stelly from Kobler from
Jamacha
Worked on warden lists tonight
got back & questionnaires.

THURSDAY, DECEMBER 2, 1937

336th
Day

Monroe Doctrine Declared 1823

29 Days
to come

Got 3 questionnaires back tonight.
also 1 postal.

FRIDAY, DECEMBER 3, 1937

337th
Day

St. Francis Xavier

28 Days
to come

New radio arrived today.

Both Ches. and Jim worked this afternoon.

3 Cards and 1 questionnaire returned today. 1 card was the first return from the ranges series sent out Monday.

Noted *Salvadora g. virgultea burrowingi* in sand at the zoo today. Almost covered itself completely, and would have except for interfering walls.

SATURDAY, DECEMBER 4, 1937

338th
Day

27 Days
to come

7 cards from latest ranges
campaign returned today and 1 ranged
card from the previous campaign.

In the morning and afternoon
undertook a variety of miscellaneous,
filing, posting etc.

In the evening went to dinner
at the Grants to meet Sarah R.
Atsatt. Heard a talk by her
Passmore.

SUNDAY, DECEMBER 5, 1937

339th
Day

2nd Sunday in Advent

26 Days
to come

The Grants brought Miss Atsatt down to see the specimens and system in the morning.

Worked all day on various things. Started tabulating the collections in this diary - got to May 16th -

Heard tonight over the radio that Mrs. Wiley had been bitten by a copperhead.

Jim Deuel got a young mitch at Lyons Peak.

MONDAY, DECEMBER 6, 1937

340th
Day

25 Days
to come

Got back today 5 questionnaires
and 21 cards, the latter mostly
rangers of the last series

Blow up at Sta. C. tonight.

Margaret Bancroft, with Dr.
Bancroft and Mary Meling called
tonight after I got home.

They brought me a juvenile
Oreganus from Mission Valley.

TUESDAY, DECEMBER 7, 1937

341st
Day

24 Days
to come

5 Cards from rangers received today.
mapping tonight.

WEDNESDAY, DECEMBER 8, 1937

342nd
Day

Immaculate Conception

23 Days
to come

Read today 3 questionnaires and
8 cards. Out to dinner tonight.

THURSDAY, DECEMBER 9, 1937

343rd
Day

22 Days
to come

Recd today 3 questionnaires and 8 cards.
Addressed about 110 cards tonight —
the last of the ranges ~~at~~ series.

Outfitted Armstrong and Brock tonight

They took:

2 rifles⁺, 1 single shot⁺, 1 repeater⁺
about 350 shells⁺.

8 gal jars⁺

10 1/2 gal jars⁺ (6 in wooden box)⁺

2 doz pints⁺

5 gals alcohol in 5 gal melt can.

1 Ramrod⁺, steel wool⁺, tags⁺.

They leave Sunday.

Returned March 28th 1938. Everything
returned except a few jars and items
used.

FRIDAY, DECEMBER 10, 1937

344th
Day

21 Days
to come

8 Cards returned today.

Mailed the last of the forest ranger
cards - about 110.

Chas. and Jim worked this
afternoon.

More tonight

SATURDAY, DECEMBER 11, 1937

345th
Day

20 Days
to come

Only 2 cards returned today. Spent much of the day preparing 250 game warden cards for mailing. These are now ready to send out. Also did some mapping and other miscellaneous work. Chas. and Jim worked. Went to Zoo and NH in the morning.

Shorty's large party tonight presented a regular program.

SUNDAY, DECEMBER 12, 1937

346th
Day

3rd Sunday in Advent

19 Days
to come

Miscellaneous mapping; etc today.
Chapman Grant called for some
literature this afternoon.
Left for Los Angeles on the 7 P.M.
train.

MONDAY, DECEMBER 13, 1937

347th
Day

18 Days
to come

Returned from Los Angeles on
the 5¹⁵ train.

Recd 3 cards and 1 questionnaire.

Went to the Nat. Hist. Fellows meeting
in the evening.

TUESDAY, DECEMBER 14, 1937

348th
Day

17 Days
to come

Spent the evening on Christmas
Cards.

2 Questionnaires back today, no cards

WEDNESDAY, DECEMBER 15, 1937

349th
Day

Ember Day

16 Days
to come

Today got back the first of the final series of ranger cards, mailed out last Sunday. Total received today 2 questionnaires and 3 cards.

Today got the first copies of the papers of the Statistical Paper No. 4 on Growth. The printing is better than Neysesch but by no means perfect. Will have to watch for \pm signs next time. Also spread tables. Found 2 mistakes almost immediately. Some of the pages are quite light. Also got my first copy of the paper on Almond palareostris.

Mr. and Mrs. Walker of the Washington Zoo called today.

THURSDAY, DECEMBER 16, 1937

350th
Day

15 Days
to come

3 Cards returned today - 2 forest warden and 1 Game warden (the latter the first returned of this series).

Went to Los Angeles and back today on business. First time to use the new road between East Flores underpass and San Onofre. With Gey, Alice and Bert. A clear warm day. Started at 7 A.M.; returned at 9:30 P.M. On the north bound trip nothing seen. 56 miles in country.

FRIDAY, DECEMBER 17, 1937

351st
Day

Ember Day

14 Days
to come

Called at the zoo today. Saw
a chuckawalla eating grass.
Recd 14 cards today, mostly
wardens cards.
Out to Sverdrups tonight-

SATURDAY, DECEMBER 18, 1937

352nd
Day

Ember Day

13 Days
to come

13 Cards received today.

C. B. Perkins called this morning.
Outfitted with him with 2 rifles, a
single shot Winchester bolt action,
and the Stevens shotgun. Also 6
1/2 gal jars and 8 gal jars

Chapman came down and worked
this afternoon.

Conferred with Abbott in the morning
re AAAS convention.

Spent the afternoon and evening
transferring diary records to the
species register, a long job this
year, ofc many trips.

Perkins returned this material

3/19/38

SUNDAY, DECEMBER 19, 1937

353rd
Day

4th Sunday in Advent

12 Days
to come

Philip returned at 3 A M this morning
Chapman worked in the library this
afternoon.

I worked all day on the field trip
record; also checked the ~~Oaxaca~~
cinereous looking for differences. Found
some not very important or consistent.
Finished field notes up to this point in
the diary.

MONDAY, DECEMBER 20, 1937

354th
Day

11 Days
to come

85 Cards returned today; best haul yet.

Went to the reptile club this evening. Only 6 present. Told them of my experiences with questionnaires.

Heard of a boy whose cow jumped on and killed a rattler with her fore feet evidently with intention.

TUESDAY, DECEMBER 21, 1937

355th
Day

St. Thomas
Pilgrims Landed Plymouth Rock 1620

10 Days
to come

25 cards came back today.
Movie tonight.

Shaw and Level worked today.

WEDNESDAY, DECEMBER 22, 1937

356th
Day

First Day of Winter

9 Days
to come

Only 6 cards returned today.

THURSDAY, DECEMBER 23, 1937

357th
Day

8 Days
to come

6 Cards, 1 questionnaire today.

FRIDAY, DECEMBER 24, 1937

358th
Day

7 Days
to come

15 Cards recd today.
Both Shaw and Deuel worked
all day.

SATURDAY, DECEMBER 25, 1937

359th
Day

Christmas Day

6 Days
to come

Nothing done today except a little census work; too many parties.

Sheldon Campbell and Chas Shaw noted a gopher in Rose Canyon crossing the road at 7 P.M. 10-10-37

SUNDAY, DECEMBER 26, 1937

360th
Day

St. Stephen
Washington Crossed Delaware 1776

5 Days
to come

A little mopping; too much party.

MONDAY, DECEMBER 27, 1937

361st
Day

St. John Evangelist

4 Days
to come

Shaw worked today.
Received 25 cards today.
Some mapping tonight.

TUESDAY, DECEMBER 28, 1937

362nd
Day

Holy Innocents

3 Days
to come

Went over to the Zoo this noon.
Mrs. Benchley said she could
publish another ecological paper on
the southern border.

Only 1 card read today.
Movie tonight.

WEDNESDAY, DECEMBER 29, 1937

363rd
Day

2 Days
to come

5 cards returned today
Shaw worked today.
Did some map work tonight.

THURSDAY, DECEMBER 30, 1937

364th
Day

1 Day
to come

7 cards returned to day.
Shaw worked today
Some work on the Census tonight

FRIDAY, DECEMBER 31, 1937

365th
Day

More outfit for Perkins today
Shaw worked
6 Cards returned today.

Localities

L. zonata Lake Arrowhead
M. lateralis "
H. ochrorhynchus "
P. s. annectens

Out to a New Year's party tonight.

Rather map records complete to
this date in diary. Also all
entries in catalogues to LMK 28273
and SDSNH 17163. Also all foreign
material borrowed this year.

MEMORANDA

MEMORANDA

MEMORANDA

MEMORANDA

RECAPITULATION

	Rec'd	Paid
Cash on Hand Jan. 1st		
January		
February		
March		
April		
May		
June		
July		
August		
September		
October		
November		
December		
Total		
Balance to New Account		

LEGAL HOLIDAYS

Holidays observed in all States

January 1 —New Year's Day
 February 22—Washington's Birthday
 July 4 —Independence Day
 1st Monday in September—Labor Day
 Last Thursday in Nov.—Thanksgiving
 December 25—Christmas

Ala.....	Jan. 19, Shrove Tuesday, April 13, April 26, June 3, Oct. 9, Elect. Day, Nov. 11	Minn....	Feb. 12, Good Friday, May 30, Election Day, Nov. 11.....
Alaska....	Feb. 12, March 30, May 30, Oct. 18....	Miss....	Jan. 19, April 26, June 3, (Oct. 1).....
Ariz.....	Feb. 14, May 30, Oct. 12, Election Day, Nov. 11.....	Mo.....	Feb. 12, May 30, Oct. 12, Election Day, Nov. 11.....
Ark.....	Jan. 19, June 3, Oct. 12, Election Day, Nov. 11.....	Mont....	Feb. 12, May 30, Oct. 12, Election Day, Nov. 11.....
Cal.....	Feb. 12, May 30, Sept. 9, Oct. 12, Election Day, Nov. 11.....	Neb....	Feb. 12, May 30, Oct. 12, Election Day, Nov. 11.....
Colo.....	Feb. 12, May 30, Aug. 1, Oct. 12, Election Day, Nov. 11.....	Nev....	Feb. 12, May 30, Oct. 12, Oct. 31, Election Day.....
Conn....	Feb. 12, Good Friday, May 30, Oct. 12, Nov. 11.....	N. H....	Last Thursday in April, May 30, Oct. 12, Election Day, Nov. 11.....
Del.....	Feb. 12, Good Friday, May 30, Oct. 12, Election Day.....	N. J....	Feb. 12, Good Friday, May 30, Oct. 12, Election Day, Nov. 11.....
D. C....	May 30.....	N. M....	Feb. 12, May 30, Election Day.....
Fla.....	Jan. 19, Shrove Tuesday, Good Friday, April 26, June 3, Oct. 12, Election Day, Nov. 11.....	N. Y....	Feb. 12, May 30, Oct. 12, Election Day
Ga.....	Jan. 19, Feb. 12, April 26, June 3, Election Day, Nov. 11.....	N. C....	Jan. 19, April 12, May 10, May 20, Election Day, Nov. 11.....
Hawaii..	May 30, June 11, Nov. 11.....	N. Dak..	Feb. 12, May 30, Oct. 12, Election Day, Nov. 11.....
Idaho....	May 30, June 15, Oct. 15, Election Day, Nov. 11.....	Ohio....	Feb. 12, May 30, Oct. 12.....
Ill.....	Feb. 12, May 30, Oct. 12, Nov. 11.....	Okla....	May 30, Election Day.....
Ind.....	Feb. 12, May 30, Oct. 12, Elect. Day...	Ore.....	Feb. 12, May 30, Oct. 12, Elect. Day...
Iowa....	Feb. 12, May 30, Elect. Day, Nov. 11..	Pa.....	Feb. 12, March 4, Good Friday, May 30, Oct. 12, Election Day, Nov. 11.....
Kan.....	Feb. 12, May 30, Oct. 12, Elect. Day...	R. I....	May 30, Oct. 12, Elect. Day, Nov. 11..
Ky.....	Jan. 19, Feb. 12, May 10, May 30, Oct. 12, Election Day.....	S. C....	Jan. 19, June 3, Elect. Day, Dec. 28....
La.....	Jan. 8, Shrove Tuesday, Good Friday, 3rd Tuesday in April, June 3, Oct. 12, Election Day, Nov. 11.....	S. Dak..	Feb. 12, May 30, Elect. Day, Nov. 11..
Me.....	April 19, May 30, Oct. 12, Elect. Day..	Tenn....	Jan. 19, Feb. 12, Good Friday, May 30, June 3, July 13, Election Day, Nov. 11.
Md.....	March 25, Good Friday, May 30, Sept. 12, Oct. 12, Election Day.....	Texas...	March 2, April 21, May 30, June 3, Oct. 12, Election Day, Nov. 11.....
Mass....	April 19, May 30, Oct. 12, Nov. 11.....	Utah....	Feb. 12, May 30, July 24, Oct. 12, Election Day.....
Mich....	Feb. 12, May 30, Oct. 12, Elect. Day...	Vt.....	May 30, Aug. 16, Oct. 12, Nov. 11.....
		Va.....	Jan. 19, May 30, June 3, Election Day, Nov. 11.....
		Wash....	Feb. 12, May 30, Oct. 12, Elect. Day...
		W. Va...	Feb. 12, May 30, Oct. 12, Elect. Day...
		Wis....	May 30, Election Day.....
		Wyo....	Feb. 12, May 30, Election Day.....

Holidays in Parenthesis () are not Observed by all the Banks.

Holidays falling on Sunday observed the day after.

Notes and acceptances due on holidays are payable day after except Nevada and Texas, where payable day before.

POSTAGE RATES

Subject to Change; Consult Postmaster

AIR MAIL: 6c. for first oz.
6c. for each additional oz. or fraction.

FIRST CLASS: Written matter and matter sealed against inspection.

LETTERS: 3c an ounce or fraction except for local delivery which is 2c “ “ “ “
POST CARDS (Private Mailing) 1c. each.
POSTAL CARDS (Government) 1c. each.

SECOND CLASS: Full copies of newspapers, magazines and periodicals. (May be sent Parcel Post if cheaper)
DOMESTIC 1c. for ea. 2 oz. or fraction.
FOREIGN 1½c. “ “ “ “ “ “

THIRD CLASS: Merchandise and printed matter weighing 8 oz. or less.
1½c. for each 2 oz. or fraction.
(Special rate of 1c. for each 2 oz. or fraction for printed books and catalogs of 24 pages or more.)

FOURTH CLASS: (Parcel Post) covers matter weighing over 8oz. (except 1st and 2nd class). Zone rates apply.

SPECIAL HANDLING provides a means for securing same fast transit and delivery on fourth class parcels as is accorded letter mail.
If ordinary postage stamps are used, packages must be endorsed: “SPECIAL HANDLING”.
Additional Fee
2 lbs. or less 10c.
over 2 lbs. and up to 10 lbs. 15c.
over 10 lbs. 20c.

SPECIAL DELIVERY
FIRST CLASS
Additional Fee
up to 2 lbs. 10c.
over 2 lbs. and up to 10 lbs. 20c.
over 10 lbs. 25c.
OTHER CLASSES (including special handling)
up to 2 lbs. 15c.
over 2 lbs. and up to 10 lbs. 25c.
over 10 lbs. 35c.

If ordinary postage stamps are used, package or letter must be endorsed: “SPECIAL DELIVERY”.

REGISTRY MAIL, FIRST CLASS (Sealed)
Indemnity Fee Indemnity Fee
Up to \$ 5 15c. \$300—\$400 60c.
\$5—25 18c. 400—500 70c.
25—50 20c. 500—600 80c.
50—75 25c. 600—700 85c.
75—100 30c. 700—800 90c.
100—200 40c. 800—900 95c.
200—300 50c. 900—1000 1.00

Articles not registered full value are surcharged at a special rate according to their value.

INSURANCE (3rd and 4th Class only)
Value Fee Value Fee
Up to \$5 5c. \$50—\$100 25c.
5—25 10c. 100—150 30c.
25—50 15c. 150—200 35c.
RETURN RECEIPTS: for Insured or Registered Mail Domestic 3c. each. Foreign 5c. each.
COLLECT ON DELIVERY MAIL (Fee includes insurance)
Up to \$5 12c. \$50—\$100 32c.
5—25 17c. 100—150 40c.
25—50 22c. 150—200 45c.

SEALED PACKAGES
Third and fourth class matter may be closed against inspection when wrapper bears authorized printed indicia. If sealed without indicia, parcels are subject to first class rate.

SIZE OF PARCEL POST PACKAGES
Parcels must not exceed 100 inches in length and girth combined. For parcels measuring more than 84 inches but not more than 100 inches in length and girth combined, the minimum charge shall be the rate for a 10 pound parcel. The maximum weight limit is 70 pounds to all zones.

FEES FOR MONEY ORDERS
Under \$2.50 6 cents
Over 2.50 and not over .50.00 8 “
“ 5.00 “ “ “ 10.00 11 “
“ 10.00 “ “ “ 20.00 13 “
“ 20.00 “ “ “ 40.00 15 “
“ 40.00 “ “ “ 60.00 18 “
“ 60.00 “ “ “ 80.00 20 “
“ 80.00 “ “ “ 100.00 22 “

No money order issued for more than \$100

REFORWARDING
Letters, post cards and other first class mail may be reforwarded without extra postage. Other matter requires a new prepayment of postage.

FOREIGN
Letter postage for all foreign countries in the following list is 3c. per oz.; Argentina, Bolivia, Brazil, Canada, Chile, Columbia, Costa Rica, Cuba, Dominican Republic, Ecuador, Guatemala, Haiti, Honduras, Mexico, Newfoundland, Nicaragua, Panama, Paraguay, Peru, Salvador, Spain and Colonies, Uruguay and Venezuela.

The letter rate to all foreign countries not in the above list is 5c. for the first oz. or fraction, and 3c. for each additional oz. or fraction. This includes the following: Bahamas, Barbados, Bermuda, British Guiana, British Honduras, Cayman Islands, Cook Islands, Europe, New Zealand, Tobago, Trinidad, and Windward Islands.

REGISTRY
For all foreign letters, 15c. in addition to postage. For rates on other classes of foreign mail, inquire at post office.

