

Mark D. Lindquist

From: Stapp, Paul [ptstapp@ucdavis.edu]
Sent: Tuesday, June 26, 2001 2:04 PM
To: 'Mark D. Lindquist'
Subject: Rabbit etc data

Hi Mark,

Tried phoning a couple times but you were out. I got a request from Petra for a report on the 2000-01 data collection and am trying to put together a couple of paragraphs. Can you fax me a copy of the rabbit data from Jan and Apr 01? ~~(I don't remember if your fax is working or not.)~~ I basically just need the total mileage, counts of syau, leca, leto, and lesp seen. I won't worry about the ~~small mammal data from May 01~~ for now, unless these data are already entered and can be sent via email attachment.

I recalled that you used to have Freelance out there. If not, what software package would you like to have figures sent in (I will send you what I have when I send it off to Petra).

I'll try calling again later on.

Paul

My fax is 530 752 3350

e-mail
you!

fax Rabbit Jan & April 2001

SGS-LTER Long-Term Monitoring Project - Spotlight Rabbit Count

CIRCLE ONE:

CPER

PNG

LECA LETO
SYAUDATE (day-month-year) 16/02/01 16 Feb. 2001OBSERVERS N. Kaplan, L. Hartley, J. Nelson, J. Norman, M. D. LindgrenWEATHER no wind, over cast, temp = 12, humid, foggySTART TIME 6:30 pm END TIME 10:20 pmINITIAL MILEAGE 000 END MILEAGE 20.7

SPECIES	MILEAGE	DISTANCE	# ANIMALS	TIME	DIRECTION	Topogr	Veg	COMMENTS
Leto	.4	14 m	1	6:33	N S E W	1CG	GR	
unknown	2.2	87.5 m	1	6:53	N S E W	FU	GR	91 RF yd
Leca	3.4	60 m	1	7:09	N S E W	FU	GR	56 RF
Gala	4				N S E W			
Leto	5.4	44.5	2	7:36	N S E W	FL	AL	49 RF
Leto	5.5	17.7	1	7:38	N S E W	FL	AC	20 RF
Leto	5.55	45	1	7:41	N S E W	FL	AL	45 RF
Syau	5.9	20.2	1	7:46	N S E W	FL	HU	21 RF
Syau	6.1	45	1	7:48	N S E W	FL	HU	39 RF
Leto	6.8	44.5	2	7:54	N S E W	FL	GR	32 RF
Leca	7.0	63	1	7:59	N S E W	FL	GR	62 RF
Leto	8.8	81	4	8:12	N S E W	FL	MX	86 RF
Leto	9.0	0.0	2	8:18	N S E W	FL	AL	0 RF
Leto	9.0	54	2	8:18	N S E W	FL	GR	61 RF
Syau	10.9	13.4	1	8:46	N S E W	FL	GR	
Leto	13.65	20.0	1	9:06	N S E W	FU	GR	21 RF
Leca	13.9	70	1	9:13	N S E W	FU	GR	70 RF
Leca	14.0	46.5	1	9:16	N S E W	FU	GR	46 RF

(18 rows)

Topography codes:Vegetation codes:

FU flat upland

RG ridgetop

AC saltbush

GR grassland

FL flat lowland

SW swale

YU yucca

HU human structure (<30 m)

MS midslope

CR creek drainage

MX mixed grassland (w/AC or YU)

RF = Range Finder distance measured

CIRCLE ONE: CPER PNG

OBSERVERS N. Kaplan, L. Hartley, M. Lindquist, J. Nelson,
J. Norman

START TIME 6:30 pm END TIME 10:20 pm

INITIAL MILEAGE 000 END MILEAGE 20.7

(18 rows)

Vegetation codes:

FU flat upland	RG ridgetop	AC saltbush	GR grassland
FL flat lowland	SW swale	YU yucca	HU human structure (<30 m)
MS midslope	CR creek drainage	MX mixed grassland (w/AC or YU)	

SGS-LTER Long-Term Monitoring Project Spotlight Rabbit Count

CIRCLE ONE: CPER PNGDATE (day-month-year) 19 April 2001OBSERVERS M.D. Lindquist, N.E. Kaplan, D.P. Smith, L.M. Hartley, D. HannWEATHER ~60°F Partly cloudySTART TIME 20:41 END TIME 0003INITIAL MILEAGE 0.0 END MILEAGE 20.6

SPECIES	MILEAGE	DISTANCE TAPE & FINDER	# ANIMALS	TIME	DIRECTION	Topogr	Veg	COMMENTS
LECA	.40	27 27	1	20:46	N S E <u>W</u>	FU	GR	
MAHARD DUCKS	.70	—	2	20:49	N S E <u>W</u>	FU	GR	♀ ♂
ANAM	.70	—	12	20:49	N S <u>E</u> W	FU	GR	
VUNE	1.60	—	1	20:57	N S E <u>W</u>	FL	GR	
LETO	2.40	0.0 —	1	21:03	N S <u>E</u> W	FU	GR	
ANAM	2.40	—	8	21:06	N S <u>E</u> W	MS	GR	
LECA	3.2	11 —	1	21:11	N <u>S</u> E W	FL	MX/AC	too close for range finder
ANAM	3.5	— —	1	21:16	N <u>S</u> E W	SW	MX/AC	
LECA	4.3	12	1	21:26	N <u>S</u> E W	MS	YU	too close for range finder
LECA	4.7	0.0 —	1	21:32	N <u>S</u> E W	SW	AC	
LECA	4.7	13 —	1	21:32	N <u>S</u> E W	SW	AC	
SYAU	5.9	0.0 —	1	21:41	N <u>S</u> E W	FL	AC	HU - ARS HQ
SYAU	5.9	36 37	1	21:41	N <u>S</u> E W	FL	AC	HU - ARS HQ
DIOR	6.7	0.0 —	1	21:47	N S <u>E</u> W	FL	AC	
LECA	7.0	40 40	1	21:49	N S E <u>W</u>	FL	AC	
LECA	7.5	27 27	1	21:56	N S <u>E</u> W	FL	AC	sub-adult
LECA	9.0	21 26	1	22:06	N <u>S</u> E W	—	—	HU - aff. field
SYAU	10.9	39 53 8	1	22:31	N <u>S</u> E W	FL	MX/AC	

(18 rows)

Topography codes:

FU flat upland RG ridgetop AC saltbush GR grassland
 FL flat lowland SW swale YU yucca HU human structure (<30 m)
 MS midslope CR creek drainage MX mixed grassland (w/AC or YU)

Vegetation codes:

SGS-LTER Long-Term Monitoring Project Spotlight Rabbit Count

CIRCLE ONE: CPER PNG

DATE (day-month-year) 19 APR 2001

OBSERVERS MD LINDQUIST, NE KAPLAN, DP SMITH
CM HARTLEY, J HARKIN

WEATHER

START TIME 2041

END TIME 0003

INITIAL MILEAGE 0.0

END MILEAGE 20.6

SPECIES	MILEAGE	DISTANCE	# ANIMALS	TIME	DIRECTION	Topogr	Veg	COMMENTS
LECA	13.2	0 -	1	2254	N <u>SE</u> W	FL	GR	
LECA	13.8	32 31	1	2301	N <u>SE</u> W	FL	GR	
LECA	15.7	56 53	1	2318	N <u>SE</u> W	FL	GR	
LECA	15.7	56 53	1	2318	N <u>SE</u> W	FL	GR	
LECA	15.7	56 53	1	2318	N <u>SE</u> W	FL	GR	
SHAV	16.3	10 -	1	2326	N <u>SE</u> W	FL	HU	
ANAM	17.2	-	5	2335	N <u>SE</u> W	MS	GR	
UNKN	17.5	0	1	2339	N <u>SE</u> W	MS	GR	
ANAM	17.5	-	3	2339	N <u>SE</u> W	MS	GR	
LECA	18.1	21 20	1	2343	N <u>SE</u> W	RG	GR	
MSME	18.6	-	1	2348	N <u>SE</u> W	RG	GR	
LETO	18.8	17.5 18	1	2350	N <u>SE</u> W	MS	GR	
					N <u>SE</u> W			
					N <u>SE</u> W			
					N <u>SE</u> W			
					N <u>SE</u> W			
					N <u>SE</u> W			
					N <u>SE</u> W			

(18 rows)

Topography codes:

FU flat upland RG ridgetop

FL flat lowland SW swale

MS midslope CR creek drainage

AC saltbush

YU yucca

MX mixed grassland (w/AC or YU)

Vegetation codes:

GR grassland

HU human structure (<30 m)

SGS-LTER Long-Term Monitoring Project Spotlight Rabbit Count

CIRCLE ONE: CPER PNG
 syau - cotton
 leca - black
 leto - white
DATE (day-month-year) 20 July 2001OBSERVERS J. Zimmerman, P. Vermeulen, L. Hartley, N. Alley, J. Becksted
P. Welch, M.D.L.WEATHER light rainSTART TIME 21:29END TIME 1:33INITIAL MILEAGE 0END MILEAGE 20.6

SPECIES	MILEAGE	DISTANCE	# ANIMALS	TIME	DIRECTION	Topogr	Veg	COMMENTS
- Leca	0.25	47m	1	21:34	N S <u>(E)</u> W	FU	GR	
- ANAM	0.9	/	2	21:42	N S <u>(E)</u> W	FL	GR	
- VUVE	2.15	/	1	21:55	N S <u>(E)</u> W	FU	GR	
- VUVE	2.2	/	1	21:56	N S <u>(E)</u> W	FU	GR	Fence line
- LETO	2.85	100m	1	22:03	N <u>(S)</u> E W	FL	MX	
- Leca	4.55	19.5m	3	22:26	N <u>(S)</u> E W	CR	MX	
- Leca	5	0	1	22:51	N S <u>(E)</u> W	FL	AC	on two track
- Leca	5.25	25.0m	2	22:37	N <u>(S)</u> E W	FI	AC	
- SYAU	5.8	34m	2	22:44	N <u>(S)</u> E W	FI	AC	
- Leca	6.9	40.5m	1	22:53	N S <u>(E)</u> W	FI	AC	
- Leca	7.3	0.0m	1	22:54	N S <u>(E)</u> W	FI	AC	on Road
- Leca	7.8	31m	1	23:03	N S <u>(E)</u> W	FI	AC	
- Leca	8.05	25m	1	23:07	N S <u>(E)</u> W	FI	AC	
- Leca	8.75	21m	1	23:14	N <u>(S)</u> E W	FI	AC	
- Leca	8.75	48.5m	1	23:14	N <u>(S)</u> E W	FI	AC	Alfalfa
- Leca	8.85	50m	1	23:18	N <u>(S)</u> E W	FI	AC	Alfalfa med. sat.
- Leca	9.1	12.5m	1	23:24	N <u>(S)</u> E W	FI	MX	
- Leca	9.7	13	2	23:30	N S <u>(E)</u> W	FI	MX	

(18 rows)

Topography codes:

FU flat upland RG ridgetop

FL flat lowland SW swale

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Vegetation codes:

AC saltbush

GR grassland

YU yucca

HU human structure (<30 m)

MX mixed grassland (w/AC or YU)

SGS-LTER Long-Term Monitoring Project Spotlight Rabbit Count

CIRCLE ONE: CPER PNG

SYAU 3 0.1456
LECA 23 1.1165
LETO 2 0.0971
1.3592

DATE (day-month-year) 20 July 2001

OBSERVERS Zimmerman, Vermeulen, Huntley, Otley, Beckstedt
Welsh, M.D.L.

WEATHER light rain

START TIME 21:29

END TIME 1:33

INITIAL MILEAGE 0

END MILEAGE 20.6

SPECIES	MILEAGE	DISTANCE	# ANIMALS	TIME	DIRECTION	Topogr	Veg	COMMENTS
AnAm	10.3		2	23:37	NSEW	Fl	MX	
SyAu	10.8	12	1	23:47	NSEW	Fl	MX	
leca	12.6	0.0	1	0:00	NSEW	Fu	GR	
leca	14.65	27.5	1	0:19	NSEW	Fl	AC	
leca	14.8	32	2	0:24	NSEW	Fl	MX	
leca	15:05	30	1	0:27	NSEW	Fl	MX	
leca	15.8	23.5	1	0:35	NSEW	Fl	MX	
leca	15.85	58	1	0:38	NSEW	Fl	GR	
leTO	16.1	54.5	1	0:43	NSEW	Fl	GR	
SyAu	16.3	0.0	1	0:48	NSEW	Fu	GR	
AnAm	16.5		1	0:54	NSEW	Fu	GR	FAWn
AnAm	17.6		1	1:03	NSEW	Fu	GR	
leca	17.8	34	1	1:05	NSEW	Fu	GR	
leca	18.25	51.5	1	1:11	NSEW	Fu	GR	
leca	18.6	4.5	1	1:15	NSEW	Fu	GR	
leca	20.3	0.0	1	1:30	NSEW	Fu	GR	road
					NSEW			
					NSEW			

(18 rows)

Topography codes:

FU flat upland
FL flat lowland
MS midslope
RG ridgetop
SW swale
CR creek drainage

Vegetation codes:

AC saltbush
YU yucca
MX mixed grassland (w/AC or YU)
GR grassland
HU human structure (<30 m)

SGS-LTER Long-Term Monitoring Project
Spotlight Rabbit Count

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CIRCLE ONE:

CPER

PNG

DATE (day-month-year) 15 OCT 01OBSERVERS Dave Smith, Jim Nelson, JP Farrar, Alan Rossetto
Terry JamesWEATHER Clear cold → frost forming during 2nd halfSTART TIME 1912END TIME 0032INITIAL MILEAGE 0END MILEAGE 20.7

SPECIES	MILEAGE	DISTANCE	# ANIMALS	TIME	DIRECTION	Topogr	Veg	COMMENTS
Leca	0.30	6.5	1	1917	NSE(W)	MS	GR	
Leto	0.30	6.5	1	1917	NSE(W)	MS	GR	
Leto	0.55	26	1	1920	(N)SEW	MS	GR	Fast!
Leto	0.65	48.5	1	1922	NSE(W)	MS	GR	
Leto	1.05	48.5	1	1929	NSE(W)	MS	GR	
Vuve	1.60	—	1	1936	NSE(W)	FL	GR	cool!
Leto	1.70	Ø	2	1938	NSE(W)	FL	GR	
Vuve	1.89	—	1	1942	NSEW	MS	GR	stationary
Leto	2.25	62.0	1	1946	NSEW	FU	GR	
Leca	2.30	34.0	1	1950	(N)SEW	FU	GR	Near windmill
Leto	3.20	67.0	3	2002	(N)SEW	FU	MX	
Leca	3.20	52.5	1	2005	NSE(W)	MS	MX	
Leca	3.40	>100m	1	2009	NSE(W)	MS	GR	(130m)
SYAU	3.65	Ø	1	2016	(N)SEW	FU	GR	
SYAU	4.00	Ø	1	2023	(N)SEW	MS	MX	
GHow	4.20	—	1	2026	(N)SEW	MS	YU	Yeah baby!
Leca	4.30	24.5	1	2029	NSE(W)	MS	GR	Juvie
SYAU	4.40	9.5	1	2032	NSE(W)	MS	GR	

(18 rows)

Topography codes:

FU flat upland

FL flat lowland

MS midslope

RG ridgetop

SW swale

CR creek drainage

AC saltbush

YU yucca

MX mixed grassland (w/AC or YU)

Vegetation codes:

GR grassland

HU human structure (<30 m)

SGS-LTER Long-Term Monitoring Project Spotlight Rabbit Count

CIRCLE ONE: CPER PNGDATE (day-month-year) 15 Oct 01OBSERVERS Dave Smith JPFarrar Allan Rossetto / Tim Nelson
Terry JamesWEATHER clearSTART TIME 19:12END TIME 00:32INITIAL MILEAGE 0END MILEAGE 20.7

SPECIES	MILEAGE	DISTANCE	# ANIMALS	TIME	DIRECTION	Topogr	Veg	COMMENTS
Leca	4.50	7100m	1	2035	N S E <u>W</u>	CR	MX	
Leca	4.67	36.5	1	2038	N S <u>E</u> W	CR	MX	
Leto	4.70	27.0	1	2040	N S <u>E</u> W	FL	MX	
Unknown	4.85	15.5	1	2047	N S E W	FL	MX	rabbit?
Leca	5.80	66.5	1	2053	<u>N</u> S E W	FL	MX	
SYAU	5.25	75.0	1	2059	N <u>S</u> E W	FL	MX	
LRCa	5.30	44.0	1	2105	N <u>S</u> E W	FL	AC	
LeCa	5.60	45.0	1	2110	N S <u>E</u> W	FL	MX	
Leto	5.60	90.0	1	2110	N <u>S</u> E W	FL	MX	
SYAU	5.60	90.0	1	2110	N S E <u>W</u>	FL	MX	
SYAU	5.70	11.5	1	2118	N S <u>E</u> W	FL	MX	
SYAU	5.80	0	1	2119	N S <u>E</u> W	FL	MX	near AES HQ cattle guard
MUFR	6.60	—	1	2128	N S E <u>W</u>	FL	MX	
Leca	7.50	1.0	1	2139	N S E <u>W</u>	MS	MX	
VUVE	7.85		1	2143	N S <u>E</u> W	MS	MX	
Leca	8.6	7100.0	1	2150	N <u>S</u> E W	FU	GR	
Leca	8.8	66	3	2152	N S <u>E</u> W	FU	GR	Alfalfa field
Leca	8.9	7100.00	2	2155	<u>N</u> S E W	FU	GR	" "

(18 rows)

Topography codes:

FU flat upland

RG ridgetop

AC saltbush

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SW swale

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MS midslope

CR creek drainage

MX mixed grassland (w/AC or YU)

Vegetation codes:

SGS-LTER Long-Term Monitoring Project Spotlight Rabbit Count

CIRCLE ONE: CPER PNGDATE (day-month-year) 15 Oct 01OBSERVERS Dave Smith, JP Farrer, Alan Roseto, Tim Nelson
Terry JamesWEATHER Clear ColdSTART TIME 19:12END TIME 00:32INITIAL MILEAGE 0END MILEAGE 20.7

SPECIES	MILEAGE	DISTANCE	# ANIMALS	TIME	DIRECTION	Topogr	Veg	COMMENTS
Leca	9.0	78.0m	2	22:00	NSEW	FU	GR	Alfalfa Field
Syau	10.9	9.7m	2	22:24	NSEW	FU	GR	Windmill
VUVE	14.35	—	1	2305	NSEW	FU	GR	near CR37
LECA	14.8	11.2m	1	2306	NSEW	FU	MX	
Leca	14.9	49.4m	1	2308	NSEW	FU	MX	Incl. mud strada w/cattle
VUVE	15.0		1	2312	NSEW	FU	GR	
SyAU	15.0	35.2m	1	2315	NSEW	FU	GR	
Leca	15.35	72.7m	1	2322	NSEW	FU	GR	Intersect of 114+37
Leca	15.5	59.6m	1	2325	NSEW	MS	GR	
Leca	15.55	>100m	1	2332	NSEW	MS	GR	
Leto	15.75	69m	1	2333	NSEW	FU	GR	
LBopp	15.8	>100m	1	2338	NSEW	FU	GR	
Leca	15.9	32.5m	1	2342	NSEW	FU	GR	
Leto	16.15	52m	1	2345	NSEW	FU	GR	
SyAU	16.3	30.5m	1	2350	NSEW	MS	GR	
Leto	17.0	0	1	0001	NSEW	FU	GR	
Leca	17.7	16.0m	1	0008	NSEW	FU	GR	
					NSEW			

(18 rows)

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FU flat upland
FL flat lowland
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RG ridgetop
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CR creek drainage

AC saltbush
YU yucca

MX mixed grassland (w/AC or YU)

Vegetation codes:

GR grassland
HU human structure (<30 m)

SGS-LTER Long-Term Monitoring Project
Spotlight Rabbit Count

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CIRCLE ONE: CPER PNGDATE (day-month-year) 19 October 2001OBSERVERS L. HARTLEY, H. KRAEMER, J. NORMAN, D. HANNU, D. CHADZEK, K. MAYWEATHER CLEAR LOW WIND, WARM DAY (60s-70s)START TIME 19:30 END TIME 23:54INITIAL MILEAGE 0 END MILEAGE 20.7

SPECIES	MILEAGE	DISTANCE	# ANIMALS	TIME	DIRECTION	Topogr	Veg	COMMENTS
SYAU	.3	33m	1	19:35	NSE <u>W</u>	RG	GR	
LECA	.4	48.9m	1	19:38	NSE <u>W</u>	RG	GR	
LECA	.5	27.0	1	19:41	NSE <u>W</u>	RG	GR	GROUPED TOGETHER
LECA	.5	27.0	1	19:41	NSE <u>W</u>	RG	GR	..
LETO	.5	27.0	1	19:41	NSE <u>W</u>	RG	GR	..
MEME	.9	—	1	19:48	NSE <u>W</u>	SW	GR	
LETO	1.0	0.0	1	19:53	NSE <u>W</u>	HU	GR	CATTLE GOATHEAD
LETO	1.6	31.0	1	19:56	NSE <u>W</u>	SW	GR	
LECA	1.7	1.0	1	20:06	NSE <u>W</u>	FL	GR	
LETO	1.7	2.0	1	20:00	NSE <u>W</u>	FL	GR	
LECA	2.3	3.0	1	20:00	NSE <u>W</u>	HU	GR	STOCK TRAIL CATTLE TURNED
LECA	2.4	20.7	1	20:00	NSE <u>W</u>	MS	GR	
LECA	3.2	59.5	1	20:16	NSE <u>W</u>	MS	GR	
LECA	3.2	59.5	1	20:16	NSE <u>W</u>	MS	GR	
LECA	3.2	59.5	1	20:16	NSE <u>W</u>	MS	GR	
LECA	3.4	53.0	1	20:24	NSE <u>W</u>	FL	GR	
LECA	3.4	~90.0	1	20:24	NSE <u>W</u>	FL	GR	
LECA	3.9	70.0	1	20:31	NSE <u>W</u>	FL	GR	

(18 rows)

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SGS-LTER Long-Term Monitoring Project Spotlight Rabbit Count

CIRCLE ONE: CPER PNG

DATE (day-month-year)

19 OCT. 2001

OBSERVERS

L. HARTLEY, N. KAPLAN, J. NEWMAN, D. HANAU, D. CANNON, K. MAY

WEATHER

CLOUDY LOW WIND

START TIME

19:30

END TIME

23:54

INITIAL MILEAGE

0

END MILEAGE

20.7

SPECIES	MILEAGE	DISTANCE	# ANIMALS	TIME	DIRECTION	Topogr	Veg	COMMENTS
SYAU	4.2	0	1	2030	NSEW	RG	YU	CATTLEGRASS
SYAU	4.4	25.0	1	2040	NSEW	MS	YU	
LECA	4.7	22.0	1	2044	NSEW	MS	AC	
DION	4.8		1	2045	NSEW	FL	AC	
SYAU	5.0	4.5	1	2047	NSEW	FL	AC	
LECA	5.1	36.5	1	2051	NSEW	FL	GR	
LECA	5.3	1	1	2054	NSEW	FL	GR	Juvenile
LECA	5.4	2	1	2056	NSEW	FL	GR	
LECA	5.6	46.5	1	2056	NSEW	FL	GR	
SYAU	5.9	13.0	1	2058	NSEW	FL	AC	
LECA	6.9	~93	1	21:10	NSEW	FL	GR	
LECA	7.2	0	1	21:15	NSEW	FL	GR	
LECA	8.9	34.5	1	21:23	NSEW	FL	ALFAFA	
LECA	8.9	34.5	1	21:23	NSEW	FL	ALFAFA	
LECA	9.2	30.0	1	21:28	NSEW	FL	AC	
LECA	10.4	0	1	21:42	NSEW	MS	AC	
SYAU	11.0	22.5	1	21:49	NSEW	FL	HU	WINDMILL
LECA	13.1	9.0	1	22:11	NSEW	FU	GR	

(18 rows)

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RG ridgetop

AC saltbush

GR grassland

FL flat lowland

SW swale

YU yucca

HU human structure (<30 m)

MS midslope

CR creek drainage

MX mixed grassland (w/AC or YU)

Vegetation codes:

SGS-LTER Long-Term Monitoring Project Spotlight Rabbit Count

CIRCLE ONE: (CPR) PNGDATE (day-month-year) 19 Oct. 2001OBSERVERS L. Hartley, N. Kaplan, D. Hanni, D. Canter, J. Norman, & Kelly MayWEATHER CLEAR, LOW WIND, WARM DRYSTART TIME 19:30 END TIME 23:54INITIAL MILEAGE 0 END MILEAGE 20.7

SPECIES	MILEAGE	DISTANCE	# ANIMALS	TIME	DIRECTION	Topogr	Veg	COMMENTS
UN	13.1	35.0	1	22:13	N S E <u>(W)</u>	FU	GR	not identified
LETO	13.8	10.5	1	22:20	N S E <u>(W)</u>	FU	GR	
LECA	14.7	28.5	1	22:31	<u>(N)</u> S E W	FL	AC	
LECA	14.7	29.5	1	22:31	<u>(N)</u> S E W	FL	AC	
UN	14.7	69.0	1	22:33	N <u>(S)</u> E W	FL	AC	Rabbit?
SYAU	15.1	28.0	1	22:39	N <u>(S)</u> E W	FL	AC	
LECA	15.2	42.0	1	22:41	N <u>(S)</u> E W	FL	AC	
SYAU	15.3	41.0	1	22:44	<u>(N)</u> S E W	FL	AC	
LECA	15.3	26.5	1	22:44	N <u>(S)</u> E W	FL	AC	
LECA	15.4	58.0	1	22:50	N S E <u>(W)</u>	FU	GR	
LECA	15.4	48.0	1	22:50	N S E <u>(W)</u>	FU	GR	
UN	15.4	71.00	1	22:50	N S E <u>(W)</u>	FU	GR	Rabbit?
LECA	15.8	55.0	1	22:55	N S <u>(E)</u> W	FU	GR	next to stock tank
LECA	16.0	0	1	22:57	N S E <u>(W)</u>	FU	GR	by stock tank
LETO	16.8	19.5	1	23:08	N <u>(S)</u> E W	RG	GR	
LETO	17.5	33.0	1	23:15	N S E <u>(W)</u>	FU	GR	
LECA	17.7	1.0	1	23:20	N S <u>(E)</u> W	MS	GR	
LECA	17.9	0	1	23:22	<u>(N)</u> S E W	SW	GR	

(18 rows)

Topography codes:

FU flat upland RG ridgetop

FL flat lowland SW swale

MS midslope CR creek drainage

AC saltbush

YU yucca

MX mixed grassland (w/AC or YU)

Vegetation codes:

GR grassland

HU human structure (<30 m)

SGS-LTER Long-Term Monitoring Project
Spotlight Rabbit Count

37

CIRCLE ONE:

CPER

PNG

SyAu
LeTo white
LeCa blackDATE (day-month-year) 22 Oct 01OBSERVERS MOL, Peter Adler, Sallie Sprague, Jennifer Lee, Audrey Taylor
John BradfordWEATHER Partly cloudy windySTART TIME 19:00END TIME 2320INITIAL MILEAGE 0END MILEAGE 20.7

SPECIES	MILEAGE	^{meters} DISTANCE	# ANIMALS	TIME	DIRECTION	Topogr	Veg	COMMENTS
SyAu	0.5	29.0	1	7:11	NSE <u>(W)</u>	FU	GR	
SyAu	0.5	0.0	1	7:11	NSE <u>(W)</u>	FU	GR	
LeTo	0.75	58.0	2	7:15	NSE <u>(W)</u>	MS	GR	
LeTo	1.55	10.5	1	7:27	NSE <u>(W)</u>	SW	GR	
LeCa	2.1	0.0	1	7:34	NSE <u>(W)</u>	FU	GR	
LeTo	2.1	22.0	1	7:35	NSE <u>(W)</u>	FU	GR	
LeTo	2.5	68.0	1	7:41	NSE <u>(W)</u>	SW	GR	
LeCa	2.6	5.0	1	7:45	NSE <u>(W)</u>	FL	MX	
LeTo	2.8	105.0	1	7:49	NSE <u>(W)</u>	SW	MX	
LeCa	3.15	102.0	1	7:56	NSE <u>(W)</u>	SW	MX	
LeCa	3.15	37.0	1	7:56	NSE <u>(W)</u>	MS	MX	
LeCa	3.9	43.5	1	8:06	NSE <u>(W)</u>	MS	MX	
SyAu	4.2	0.0	1	8:11	NSE <u>(W)</u>	RG	YU	
LeCa	4.5	22.0	1	8:15	NSE <u>(W)</u>	MS	MX	
LeCa	5.3	15.0	1	8:23	NSE <u>(W)</u>	FL	MX	Subadult
TATA	8.7	150	1	8:53	NSE <u>(W)</u>	Agriculture		
LeCa	8.9	66.5	2	8:55	NSE <u>(W)</u>	FL	Agri.	(Alfa(fa))
LECA	9.0	40.5	1	2104	NSE <u>(W)</u>	FL	Agri.	

(18 rows)

Topography codes:

FU flat upland

FL flat lowland

MS midslope

RG ridgetop

SW swale

CR creek drainage

AC saltbush

YU yucca

MX mixed grassland (w/AC or YU)

Vegetation codes:

GR grassland

HU human structure (<30 m)

SGS-LTER Long-Term Monitoring Project Spotlight Rabbit Count

CIRCLE ONE: CPER PNGDATE (day-month-year) 22 Oct 01OBSERVERS molh, Peter Adler, Sallie Sprague, Jennifer Lee, Audrey Taylor, John BradfordWEATHER Clear WindySTART TIME 19:00END TIME 2320INITIAL MILEAGE 0END MILEAGE 20.7

SPECIES	MILEAGE	DISTANCE	# ANIMALS	TIME	DIRECTION	Topogr	Veg	COMMENTS
LECA	9.1	49.5	1	2104	NSEW	FL	Agc.	
LECA	9.1	63.5	2	2109	NSEW	FL	MX	
SYAU	10.8	32.5	1	2127	NSEW	FL	MX	
VUVE	10.9	—	1	2131	NSEW	FL	MX	
LECA	12.3	70.0	1	2146	NSEW	FU	GR	
LECA	13.2	6.5	1	2157	NSEW	FU	GR	
LECA	13.7	11.0	1	2205	NSEW	FU	GR	
LECA	13.7	27.0	1	2205	NSEW	FU	GR	
LECA	14.9	25.0	1	2220	NSEW	FU	MX	
LECA	15.3	0.0	1	2225	NSEW	FU	MX	
UNKNOWN	15.3	31.5	1	2225	NSEW	FU	MX	Rabbit?
LECA	15.6	0.0	1	2229	NSEW	FU	MX	subadult
LECA	16.0	32.0	2	2230	NSEW	FU	GR	
SYAU	16.4	14.0	1	2239	NSEW	FU	GR	
SYAU	16.4	26.5	1	2241	NSEW	FU	GR	human structure
LETO	16.9	49.5	1	2247	NSEW	FU	GR	
LECA	17.7	6.5	1	2256	NSEW	FU	GR	
CALA	19.5	—	1	2312	NSEW	FU	GR	

(18 rows)

Topography codes:

FU flat upland

FL flat lowland

MS midslope

RG ridgetop

SW swale

CR creek drainage

AC saltbush

YU yucca

MX mixed grassland (w/AC or YU)

Vegetation codes:

GR grassland

HU human structure (<30 m)

CIRCLE ONE: ☒ **CPER** ☐ **PNG**

OBSERVERS mai, Peter Adler, Sallie Sprague, Jennifer Lee, Audrey Taylor, John Bradford.

END MILEAGE 20.7

(18 rows)

MX mixed grassland (w/AC or YU)

HU human structure (<30 m)

SGS-LTER Long-Term Monitoring Project Spotlight Rabbit Count

CIRCLE ONE: (CPER) PNG Leca LeTo unkLe. SyAu
11 5 2 5

DATE (day-month-year) 11 Jan 02

OBSERVERS MDL, David Smith, NEK, LMH, John Norman

WEATHER Windy overcast

START TIME 18:23

END TIME 21:59

INITIAL MILEAGE 0

END MILEAGE 20.6

SPECIES	MILEAGE	DISTANCE	# ANIMALS	TIME	DIRECTION	Topogr	Veg	COMMENTS
LECA	0.55	6.00	1	18:30	NSEW	SW	GR	
LETO	1.00	28.00	1	18:36	NSEW	FL	GR	
LETO	1.20	22.00	2	18:39	NSEW	FU	GR	
LECA	1.60	29.00	1	18:45	NSEW	FL	MX	
LETO	1.60	29.00	1	18:45	NSEW	FL	MX	
SYAU	4.30	13.00	1	19:18	NSEW	FU	YU	
LESP?	4.65	24.00	1	19:23	NSEW	SW	MX	owl CR,
LECA	4.70	0.00	1	19:23	NSEW	SW	MX	owl CR.
LECA	4.90	6.00	1	19:26	NSEW	FL	MX	
LECA	4.90	8.00	1	19:26	NSEW	FL	MX	
LECA	5.00	0.00	1	19:29	NSEW	FL	MX	
SYAU	5.10	10.00	1	19:30	NSEW	FL	MX	
LECA	5.70	33.00	1	19:37	NSEW	FL	AC	
SYAU	5.90	0.00	1	19:39	NSEW	FL	HU	
SYAU	6.15	41.00	1	19:42	NSEW	FL	HU	
LECA	8.25	11.00	1	19:58	NSEW	FU	MX	
ANAN	10.00	—	—	20:11	NSEW	FU	MX	
LETO	10.50	6.00	1	20:15	NSEW	FL	MX	

(18 rows)

Topography codes:

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YU yucca

MX mixed grassland (w/AC or YU)

Vegetation codes:

GR grassland

HU human structure (<30 m)

SGS-LTER Long-Term Monitoring Project Spotlight Rabbit Count

CIRCLE ONE:

CPER

PNG

DATE (day-month-year) 11 Jan 02OBSERVERS MDL, David Smith, NEK, LMH, John NormanWEATHER Windy, OvercastSTART TIME _____ END TIME 21:59INITIAL MILEAGE 0 END MILEAGE 20.6

SPECIES	MILEAGE	DISTANCE	# ANIMALS	TIME	DIRECTION	Topogr	Veg	COMMENTS
LESP?	12.10	38.00	1	20:34	(N) S E W	FL	GR	
LECA	12.50	1.0	1	20:44	N S (E) W	FL	GR	
LECA	14.0	29.00	1	20:47	N S (E) W	FL	GR	
LECA	14.1	55.00	1	20:59	N S E (W)	FE	GR/AC	
SYAU	16.4	16.00	1	21:18	N (S) E W	FU	GR	
ANAM	—	—	8	21:59	N S (E) W	FU	GR	
					N S E W			
					N S E W			
					N S E W			
					N S E W			
					N S E W			
					N S E W			
					N S E W			
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					N S E W			
					N S E W			
					N S E W			
					N S E W			

(18 rows)

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