

SGS-LTER Long-Term Monitoring Project

Carnivore Scat Count

A minimum of two observers remove all scats from the 20-mile lagomorph count route; these are recorded as the PRE-CENSUS count. The route is driven at approximately 10 mph (range 5-15 mph), with one observer on the hood of the truck. Ca. 7-14 days later, the route is driven again and the number of scats of each species are tallied. Scats can be collected for later analysis if desired. The census is conducted in January, April, July, and October, and if possible near to the time of the lagomorph surveys.

COUNT (circle): PRE-CENSUS

CENSUS

DATE 23 Oct 2001OBSERVERS M.D. Lindquist, D. Cantel, N. Kaplan

COMMENTS

ENDING MILEAGE 20.7TOTAL FR/VF: CALA 9/ VUVE 8/5TOTAL SCATS: CALA 34 VUVE 24

Mileage	Species	Age	Topogr	Veg
1.2	Cala	FR	MS	GR
1.25	Vuue	FR	MS	GR
1.65	Vuue	FR	SW	MX
2.0	Vuue	OL	FU	MX
2.1	Cala	VO	FU	GR
2.2	Vuue	VF	FU	GR
2.5	Vuue	FR	MS	MX
2.6	Vuue	FR	MS	MX
2.65	Cala	FR	FL	MX
2.70	Cala	OL	MS	MX
2.75	Vuue	FR	MS	MX
2.80	Cala	VO	FL	MX
2.80	Vuue	VF	FL	MX
2.85	Cala	OL	FL	MX
2.90	Cala	VO	FL	MX
2.90	Cala	VO	FL	MX
2.90	Vuue	VF	FL	MX
3.00	Vuue	OL	FL	MX
3.00	Cala	FR	FL	MX
3.00	Cala	OL	FL	MX
3.10	Cala	VO	MS	MX

(21)

Mileage	Species	Age	Topogr	Veg
3.10	Cala	OL	MS	MX
3.20	Cala	VO	MS	MX
3.20	Cala	VO	MS	MX
3.20	Cala	FR	MS	MX
3.45	Cala	VO	MS	MX
3.45	Cala	VO	MS	MX
3.75	Cala	OL	FU	MX
3.90	Cala	OL	MS	MX
4.00	Vuue	FR	MS	MX
4.25	Vuue	OL	MS	YU
4.40	Cala	FR	MS	MX
4.70	Cala	FR	SW	MX
5.50	Vuue	VF	SW	AC
5.75	Vuue	VF	FL	AC
8.1	Cala	OL	FL	AC
9.7	Cala	FR	FL	AC
9.85	Vuue	FR	FL	AC
9.95	Vuue	FR	FL	AC
10.35	Cala	FR	FL	AC
10.40	Cala	OL	FL	AC
10.45	Cala	FR	FL	AC

(21)

Species codes: CALA coyote

Age: VO very old

VF very fresh

VUVE swift fox

OL old

FR fresh

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)

HU human structure (<30 m)

COUNT (circle): **PRE-CENSUS** **CENSUS**

DATE 23 Oct 2001

OBSERVERS M.D. Lindquist, D. Canter, N. Kaplan

COMMENTS

ENDING MILEAGE 20.7

TOTAL FR/VF: CALA 95 **VUVE** 215

TOTAL SCATS: CALA 34 VUVE 23

Mileage	Species	Age	Topogr	Veg
1.2	Cala	FR	MS	GR
1.25	Unue	FR	MS	GR
1.65	Unue	FR	SW	MX
2.0	Unue	OL	FU	MX
2.1	Cala	UO	FU	GR
2.2	Unue	UF	FU	GR
2.5	Unue	FR	MS	MA
2.6	Unue	FR	MS	MX
2.65	Cala	FR	FL	MX
2.70	Cala	OL	MS	MX
2.75	Unue	FR	MS	MX
2.80	Cala	UO	FL	MX
2.80	Unue	UF	FL	MX
2.85	Cala	OL	FL	MX
2.90	Cala	UO	FL	MX
2.90	Cala	UO	FL	MX
2.90	Unue	UF	FL	MX
3.00	Unue	OL	FL	MX
3.00	Cala	FR	FL	MX
3.00	Cala	OL	FL	MX
3.10	Cala	UO	FL	MX

(21)

Species codes: CALA coyote **Age:** VO very old VF very fresh
VUVE swift fox OL old FR fresh

Topography codes:

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

Vegetation codes:

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

Mileage	Species	Age	Topogr	Veg
3.10	Cala	OL	MS	MX
3.20	Cala	VO	MS	MX
3.20	Cala	VO	MS	MX
3.20	Cala	FR	MS	MX
3.45	Cala	VO	MS	MX
3.45	Cala	VO	MS	MX
3.75	Cala	OL	FL	MX
3.90	Cala	OL	MS	MX
4.00	Univ	FR	MS	MX
4.25	Univ	FR	MS	YU
4.40	Cala	FR	MS	MX
4.70	Cala	FR	SW	MX
5.50	Univ	UF	SW	AC
5.75	Univ	UF	FL	AC
8.1	Cala	OL	FL	AC
9.3	Cala	FR	FL	AC
9.85	Univ	FR	FL	AC
9.95	Univ	FR	FL	AC
10.35	Cala	FR	FL	AC
10.40	Cala	OL	FL	AC
10.45	Cala	FR	FL	AC

(21)

A minimum of two observers remove all scats from the 20-mile lagomorph count route; these are recorded as the PRE-CENSUS count. The route is driven at approximately 10 mph (range 5-15 mph), with one observer on the hood of the truck. Ca. 7-14 days later, the route is driven again and the number of scats of each species are tallied. Scats can be collected for later analysis if desired. The census is conducted in January, April, July, and October, and if possible near to the time of the lagomorph surveys.

COUNT (circle):

PRE-CENSUS

CENSUS

DATE 23 Oct. 2001

OBSERVERS M.P. Lindquist P. Carter

COMMENTS

ENDING MILEAGE 20.7

TOTAL FR/VF: CALA 3/0 **VUVE** 10/2

TOTAL SCATS: CALA 10/0 **VUVE** 10/0

215 5915
J.L.

[illegible]

cattle
Guard

[illegible]

(21)

Species codes: CALA coyote

VUVE swift fox

Age: VO very old

OL old

(21)

VF very fresh

FR. fresh

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

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COUNT (circle):

PRE-CENSUS

CENSUS

DATE 08 October 2001OBSERVERS M.D. Lindquist, M. Kaplan

COMMENTS _____

ENDING MILEAGE 20.7 (12:23)TOTAL FR/VF: CALA 4/5 VUVE 3/1TOTAL SCATS: CALA 25 VUVE 14

Mileage	Species	Age	Topogr	Veg
0.1	Vuue	OL	MS	GR
0.8	Cala	OL	MS	GR
3.1	Cala	VO	MS	MX
3.2	Cala	UF	MS	MX
3.9	Cala	VO	MS	MX
4.0	Cala	FR	MS	MX
5.1	Cala	FR	FL	MX
6.4	Cala	VO	FL	MX
6.5	Vuue	VO	FL	MX
6.9	Vuue	UF	FL	MX
7.0	Cala	OL	MS	MX
7.9	Cala	FR	FU	MX
8.0	Vuue	FR	FU	MX
8.5	Cala	OL	FL	MX
10.0	Vuue	OL	FL	MX
10.7	Vuue	FR	MS	MX
10.75	Cala	VO	FL	MX
10.8	Cala	UF	MS	MX
10.85	Cala	OL	MS	MX
11.0	Cala	UF	MS	MX
11.1	Cala	VO	MS	MX/AC

(21)

Species codes: CALA coyote**Age:** VO very old

VF very fresh

VUVE swift fox

OL old

FR fresh

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)

Mileage	Species	Age	Topogr	Veg
11.3	Cala	VF	RG	MX/AC
13.8	Cala	VO	FL	MX/AC
13.9	VUVE	VO	FL	MX/AC
13.9	VUVE	VO	FL	MX/AC
14.0	VUVE	VO	FL	MX/AC
14.0	Cala	VO	FL	MX/AC
14.0	Cala	VO	FL	MX/AC
14.1	Cala	VO	FL	MX/AC
14.1	Vuue	VO	FL	MX/AC
14.2	VUVE	VO	FL	MX/AC
16.3	Cala	VF	RG	GR
16.3	Cala	FR	RG	GR
17.2	Vuue	FR	MS	GR
17.4	VUVE	OL	FU	GR
17.9	VUVE	OL	MS	GR
18.2	Cala	VO	RG	GR
19.2	Cala	VO	MS	GR
19.8	Cala	VO	FU	MX/YU
20.7	- END -			

(21)

Call
300

SGS-LTER Long-Term Monitoring Project

Carnivore Scat Count

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COUNT (circle):

PRE-CENSUS

CENSUS

DATE 08 October 2001OBSERVERS M.D. Lindquist, M. Kaplan

COMMENTS _____

ENDING MILEAGE 20.7 (12:23)TOTAL FR/VF: CALA 475 VUVE 31TOTAL SCATS: CALA 25 VUVE 14

Mileage	Species	Age	Topogr	Veg
0.1	Vuuv	OL	MS	GR
0.8	Cala	OL	MS	GR
3.1	Cala	VO	MS	MX
3.2	Cala	UF	MS	MX
3.9	Cala	VO	MS	MX
4.0	Cala	FR	MS	MX
5.1	Cala	FR	FL	MX
6.4	Cala	VO	FL	MX
6.5	Vuuv	VO	FL	MX
6.9	Vuuv	UF	FL	GR
7.0	Cala	OL	MS	MX
7.9	Cala	FR	FU	MX
8.0	Vuuv	FR	FU	MX
8.5	Cala	OL	FL	MX
10.0	Vuuv	OL	FL	MX
10.7	Vuuv	FR	MS	MX
10.75	Cala	VO	FL	MX
10.8	Cala	UF	MS	MX
10.85	Cala	OL	MS	MX
11.0	Cala	UF	MS	MX
11.1	Cala	VO	MS	MX/AC

(21)

Species codes: CALA coyote **Age:** VO very old VF very fresh
 VUVE swift fox OL old FR fresh

Topography codes:

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

Vegetation codes:

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

Mileage	Species	Age	Topogr	Veg
11.3	Cala	VF	RG	MX/AC
12.2	Cala	VO	FL	MX/AC
13.9	Vuuv	VO	FL	MX/AC
13.9	Vuuv	VO	FL	MX/AC
14.0	Vuuv	VO	FL	MX/AC
14.0	Cala	VO	FL	MX/AC
14.0	Cala	VO	FL	MX/AC
14.1	Cala	VO	FL	MX/AC
14.1	Vuuv	VO	FL	MX/AC
14.2	Vuuv	VO	FL	MX/AC
16.3	Cala	VF	RG	GR
16.3	Cala	FR	RG	GR
17.2	Vuuv	FR	MS	GR
17.4	Vuuv	FL	FU	GR
17.9	Vuuv	OL	MS	GR
18.2	Cala	VO	RG	GR
19.2	Cala	VO	MS	GR
19.8	Cala	VO	FU	MX/YU
20.7	- END			

(21)

HU human structure (<30 m)

A minimum of two observers remove all scats from the 20-mile lagomorph count route; these are recorded as the PRE-CENSUS count. The route is driven at approximately 10 mph (range 5-15 mph), with one observer on the hood of the truck. Ca. 7-14 days later, the route is driven again and the number of scats of each species are tallied. Scats can be collected for later analysis if desired. The census is conducted in January, April, July, and October, and if possible near to the time of the lagomorph surveys.

COUNT (circle): PRE-CENSUS CENSUS

DATE 9 July 01

OBSERVERS MDL, Peter Vermeulen, Dave Walsh

COMMENTS

ENDING MILEAGE 20.9

TOTAL FR/VF: CALA 0 **VUVE** 0

TOTAL SCATS: CALA 5 **VUVE** 4

[illegible]

(21)

Species codes: CALA coyote **Age:** VO very old
VUVE swift fox OL old

VF very fresh
FR fresh

[illegible]

(21)

Topography codes:

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

Vegetation codes:

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

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DATE 9 July 01
OBSERVERS MDL, Peter Vermeulen, Dave Walsh
COMMENTS

ENDING MILEAGE 20.9

TOTAL FR/VF: CALA 0 VUVE 0

TOTAL SCATS: CALA	<u>5</u>	VUVE	<u>4</u>
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[illegible]

(21)

Species codes: CALA coyote **Age:** VO very old VF very fresh
VUVE swift fox OL old FR fresh

[illegible]

(21)

Topography codes:

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

Vegetation codes:

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

10. 73

COUNT (circle): **PRE-CENSUS** **CENSUS**

DATE April 26 2001

OBSERVERS L. Hartley, m. Lindquist, N. Kaplan

COMMENTS 20. 8

ENDING MILEAGE 20.8

TOTAL FR/VF: CALA 4/3 **VUVE** 2/4

TOTAL SCATS: CALA 13 VUVE 9

Mileage	Species	Age	Topogr	Veg
0.5	Vuue	OL	RG	mx w/ Yucca
1.4	Vuue	FR	SW	GR GR
1.6	Vuue	OL	SW	GR
1.9	Vuue	VF	RG	MX w/ YU
2.4	Vuue	VF	FU	GR
3.2	Vuue	VF	FU	MX w/ AC
4.2	Vuue	VF	RG	MX / YU
4.7	Cala	VO	FL	MX / AC
4.7	Cala	VF	FL	MX / AC
9.3	Cala	OL	FL	MX / AC
9.8	Cala	FR	FL	MX / AC
10.9	Cala	VO	FL	HU (Lundm II)
11.1	Cala	VF	FL	GR
11.4	Cala	FR	FL	GR mx / AC
14.2	Cala	OL	FL	GR
16.3	Vuue	OL	FU	GR
17.5	Cala	FR	RG	GR
17.7	Cala	VF	SW	GR
19.2	Cala	OL	FU	GR
19.4	Cala	OL	FU	GR
19.7	Cala	FR	FU	GR

(21)

Species codes: CALA coyote

Age: VO very old

VUVE swift fox

VF very fresh

VF very fresh
FR fresh

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)

[illegible]

(21)

10. τ_3

COUNT (circle): **PRE-CENSUS** **CENSUS**

OBSERVERS L. Hartley, m. Lindquist, N. Kaplan

ENDING MILEAGE 22,8

TOTAL FR/VF: CALA 4/3 **VUVE** 2/4

TOTAL SCATS: CALA 13 **VUVE** 9

[illegible]

(21)

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)	

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COUNT (circle): PRE-CENSUS CENSUS

DATE 09 April 2001

OBSERVERS M. Lindquist, L. Hartley, N. Kaplan

COMMENTS _____

ENDING MILEAGE 21.0

TOTAL FR/VF: CALA 0 VUVE 0

TOTAL SCATS: CALA 35 VUVE 22

Mileage	Species	Age	Topogr	Veg
1.20	Cala	VO	MS	GR
1.30	Vuve	VO	MS	GR
1.35	Cala	VO	MS	GR
1.35	Vuve	VO	MS	GR
1.35	Cala	VO	MS	GR
1.35	Vuve	VO	MS	GR
1.40	Cala	OL	MS	GR
1.90	Cala	VO	FU	GR
2.10	Vuve	VO	FU	GR
2.40	Vuve	VO	MS	GR
2.40	Cala	OL	MS	GR
2.50	Vuve	OL	MS	GR
2.60	Vuve	VO	MS	GR
3.40	Vuve	OL	MS	MX
4.20	Cala	VO	MS	MX
10.1	Cala	OL	FL	MX
10.4	Cala	VO	FL	MX
11.1	Cala	VO	FL	MX
11.1	Cala	OL	FL	MX
11.4	Cala	VO	FL	MX
11.7	Cala	VO	MS	MX

(21)

Species codes: CALA coyote **Age:** VO very old VF very fresh
VUVE swift fox OL old FR fresh

Topography codes:

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

Vegetation codes:

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

Mileage	Species	Age	Topogr	Veg
12.0	Cala	VO	FL	MX
12.0	Vuve	VO	FL	MX
12.0	Cala	VO	FL	MX
12.1	Cala	OL	FL	MX
12.3	Cala	VO	MS	GR
12.9	Vuve	VO	FU	GR
13.1	Cala	VO	FU	GR
13.7	Vuve	OL	FU	GR
13.7	Cala	VO	FU	GR
14.7	Cala	VO	FU	MX w/AC
16.4	Vuve	VO	FL	GR
16.5	Vuve	VO	FL	GR
16.5	Cala	VO	FL	GR
16.5	Cala	VO	FL	GR
16.5	Vuve	VO	FL	GR
16.6	Cala	VO	MS	GR
16.9	Vuve	VO	MS	MX w/YU
17.0	Vuve	VO	MS	GR
17.6	Cala	VO	FU	GR
17.6	Vuve	VO	FU	GR

(21)

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COUNT (circle): PRE-CENSUS CENSUS

DATE 09 April 2001

OBSERVERS M. Lindquist, L. Hartley, N. Kaplan

COMMENTS _____

ENDING MILEAGE 21.0

TOTAL FR/VF: CALA _____ VUVE _____

TOTAL SCATS: CALA _____ VUVE _____

Mileage	Species	Age	Topogr	Veg
17.7	Cala	VO	FU	GR
17.8	Cala	VO	RG	GR
18.3	Cala	VO	SW	GR
18.3	Vuve	OL	SW	GR
18.3	Cala	VO	MS	GR
18.5	Cala	VO	RG	GR
18.5	Vuve	VO	RG	GR
18.5	Vuve	VO	RG	GR
18.6	Cala	VO	FU	GR
18.8	Cala	VO	FU	GR
18.8	Vuve	VO	FU	GR
18.9	Cala	OL	RG	GR
19.0	Cala	VO	RG	GR
20.1	Vuve	VO	FU	GR
20.6	Cala	OL	FL	GR - on 114
20.6	Cala	VO	FL	GR - on 114
21.0	END			

(21)

Species codes: CALA coyote **Age:** VO very old VF very fresh
VUVE swift fox OL old FR fresh

Topography codes:

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

Vegetation codes:

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

Mileage	Species	Age	Topogr	Veg

(21)

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COUNT (circle): PRE-CENSUS CENSUS

DATE 09 April 2001

OBSERVERS M. Lindquist, L. Hartley, N. Kaplan

COMMENTS _____

ENDING MILEAGE 21.0

TOTAL FR/VF: CALA 0 VUVE 0

TOTAL SCATS: CALA 35 VUVE 22

Mileage	Species	Age	Topogr	Veg
1.20	Cala	VO	MS	GR
1.30	Vuve	VO	MS	GR
1.35	Cala	VO	MS	GR
1.35	Vuve	VO	MS	GR
1.35	Cala	VO	MS	GR
1.35	Vuve	VO	MS	GR
1.40	Cala	OL	MS	GR
1.80	Cala	VO	FU	GR
2.10	Vuve	VO	FU	GR
2.40	Vuve	VO	MS	GR
2.45	Cala	OL	MS	GR
2.50	Vuve	OL	MS	GR
2.60	Vuve	VO	MS	GR
3.40	Vuve	OL	MS	MX
4.20	Cala	VO	MS	MX
10.1	Cala	OL	FL	MX
10.4	Cala	VO	FL	MX
11.1	Cala	VO	FL	MX
11.1	Cala	OL	FL	MX
11.4	Cala	VO	FL	MX
11.7	Cala	VO	MS	MX

(21)

Species codes: CALA coyote

Age: VO very old

VF very fresh

VUVE swift fox

OL old

FR fresh

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)

Mileage	Species	Age	Topogr	Veg
12.0	Cala	VO	FL	MX
12.0	Vuve	VO	FL	MX
12.0	Cala	VO	FL	MX
12.1	Cala	OL	FL	MX
12.3	Cala	VO	MS	GR
12.9	Vuve	VO	FU	GR
13.1	Cala	VO	FU	GR
13.7	Vuve	OL	FU	GR
13.7	Cala	VO	FU	GR
14.7	Cala	VO	FU	MX w/AC
16.4	Vuve	VO	FL	GR
16.5	Vuve	VO	FL	GR
16.5	Cala	VO	FL	GR
16.5	Cala	VO	FL	GR
16.5	Vuve	VO	FL	GR
16.5	Cala	VO	MS	GR
16.6	Cala	VO	MS	GR
16.9	Vuve	VO	MS	MX w/YU
17.0	Vuve	VO	MS	GR
17.6	Cala	VO	FU	GR
17.6	Vuve	VO	FU	GR

(21)

MX mixed grassland (w/AC or YU)

HU human structure (<30 m)

MX mixed grassland (w/AC or YU)

SGS-LTER Long-Term Monitoring Project
Carnivore Scat Count

p.1 of 3

A minimum of two observers remove all scats from the 20-mile lagomorph count route; these are recorded as the PRE-CENSUS count. The route is driven at approximately 10 mph (range 5-15 mph), with one observer on the hood of the truck. Ca. 7-14 days later, the route is driven again and the number of scats of each species are tallied. Scats can be collected for later analysis if desired. The census is conducted in January, April, July, and October, and if possible near to the time of the lagomorph surveys.

COUNT (circle): PRE-CENSUS CENSUS

DATE 9 Jan 01

OBSERVERS MDL NK LH

COMMENTS

ENDING MILEAGE 21.2

TOTAL FR/VF: CALA 0/1 VUVE 4/0

TOTAL SCATS: CALA 46 VUVE 41

Mileage	Species	Age	Topogr	Veg
0.35	Cala	VO	MS	GR
0.40	Cala	VO	MS	GR
1.50	Vuve	VO	MS	GR
1.80	Vuve	FR	MS	GR
1.85	Vuve	FR	MS	GR
1.90	Cala	VO	MS	GR
2.10	Vuve	VO	FU	GR
3.0	Cala	VF	FL	MX
3.0	Vuve	FR	FL	MX
3.1	Vuve	VO	FL	MX
3.3	Vuve	FR	MS	MX
3.7	Cala	VO	FL	MX
5.1	Vuve	VO	FL	MX
9.3	Vuve	VO	FL	MX
9.3	Vuve	OL	FL	MX
10.8	Cala	VO	FL	GR
11.1	Cala	VO	MS	MX
11.1	Vuve	OL	MS	MX
11.25	Vuve	VO	FL	MX
11.30	Cala	VO	FL	MX
11.30	Cala	VO	FL	MX

(21)

Mileage	Species	Age	Topogr	Veg
11.4	Cala	VO	MS	MX
13.5	Cala	VO	FU	GR
13.5	Vuve	VO	FU	GR
13.5	Cala	VO	FU	GR
13.5	Cala	VO	FU	GR
13.5	Vuve	VO	FU	GR
13.5	Cala	VO	FU	GR
13.5	Cala	VO	FU	GR
13.7	Cala	VO	FU	GR
14.2	Cala	VO	FU	GR
14.3	Cala	VO	FU	GR
16.2	Cala	VO	FU	GR
16.25	Vuve	VO	FU	GR
16.35	Vuve	VO	FU	GR
16.35	Cala	VO	FU	GR
16.5	Vuve	OL	FU	GR
16.9	Cala	VO	SW	MX YU
17.1	Cala	VO	FU	GR
17.1	Vuve	VO	FU	GR
17.1	Cala	VO	FU	GR
17.1	Cala	VO	FU	GR

(21)

Species codes: CALA coyote Age: VO very old VF very fresh
VUVE swift fox OL old FR fresh

Topography codes:

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

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
Carnivore Scat Count

p 2 of 3

A minimum of two observers remove all scats from the 20-mile lagomorph count route; these are recorded as the PRE-CENSUS count. The route is driven at approximately 10 mph (range 5-15 mph), with one observer on the hood of the truck. Ca. 7-14 days later, the route is driven again and the number of scats of each species are tallied. Scats can be collected for later analysis if desired. The census is conducted in January, April, July, and October, and if possible near to the time of the lagomorph surveys.

COUNT (circle): PRE-CENSUS CENSUS

DATE 09 Jan 2001

OBSERVERS M. Lindquist, L. Hartley, M. Kaplan

COMMENTS _____

ENDING MILEAGE 21.2

TOTAL FR/VF: CALA 0/0 VUVE 0/0

TOTAL SCATS: CALA _____ VUVE _____

Mileage	Species	Age	Topogr	Veg
17.2	Vuue	VO	FU	GR
17.2	Vuue	OL	MS	GR
17.3	Cala	VO	MS	GR
17.3	Cala	VO	MS	GR
17.3	Vuue	VO	FU	GR
17.4	Vuue	OL	FU	GR
17.5	Vuue	VO	FU	GR
17.5	Cala	VO	FU	GR
17.6	Cala	VO	FU	GR
17.6	Vuue	VO	FU	GR
17.8	Cala	VO	RG	GR
17.8	Vuue	OL	MS	GR
17.8	Cala	VO	MS	GR
17.8	Vuue	VO	MS	GR
17.9	Cala	VO	MS	GR
18.0	Vuue	VO	RG	GR
18.0	Vuue	OL	RG	GR
18.0	Cala	OL	RG	GR
18.1	Cala	VO	SW	GR
18.2	Cala	VO	MS	GR
18.4	Cala	VO	RG	GR

(21)

Species codes: CALA coyote

VUVE swift fox

Age: VO very old

OL old

VF very fresh

FR fresh

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)

Mileage	Species	Age	Topogr	Veg
18.8	Cala	VO	RG	GR
18.9	Vuue	OL	RG	GR
19.1	Cala	VO	FU	GR
19.2	Cala	VO	MS	GR
19.2	Vuue	OL	SW	GR
19.2	Cala	VO	SW	GR
19.3	Vuue	VO	SW	GR
19.3	Cala	VO	SW	GR
19.4	Cala	VO	FU	GR
19.4	Cala	VO	FU	GR
19.4	Cala	VO	FU	GR
19.4	Cala	VO	FU	GR
19.5	Cala	OL	FU	GR
19.7	Cala	VO	FU	GR
19.7	Vuue	VO	FU	GR
19.7	Vuue	VO	FU	GR
19.7	Vuue	VO	FU	GR
19.7	Vuue	VO	FU	GR
19.8	Vuue	VO	FU	GR
19.8	Vuue	VO	FU	GR
19.8	Vuue	VO	FU	GR

(21)

p. 3 of 3

COUNT (circle): **PRE-CENSUS** **CENSUS**

OBSERVERS MDL, NK, LH

ENDING MILEAGE 21.2

TOTAL FR/VF: CALA 0/0 **VUVE** 0/0

TOTAL SCATS: CALA _____ **VUVE** _____

[illegible]

(21)

Species codes: CALA coyote **Age:** VO very old VF very fresh
VUVE swift fox OL old FR fresh

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 Carnivore Scat Count

start 9:43

A minimum of two observers remove all scats from the 20-mile lagomorph count route; these are recorded as the PRE-CENSUS count. The route is driven at approximately 10 mph (range 5-15 mph), with one observer on the hood of the truck. Ca. 7-14 days later, the route is driven again and the number of scats of each species are tallied. Scats can be collected for later analysis if desired. The census is conducted in January, April, July, and October, and if possible near to the time of the lagomorph surveys.

COUNT (circle): PRE-CENSUS CENSUS

DATE Jan 26 2001

OBSERVERS L. Hartley, N. Kaplan, C. Bauer

COMMENTS 20LD

ENDING MILEAGE 20.7 1:00 PM end

TOTAL FR/VF: CALA 0/1 VUVE 3/0

TOTAL SCATS: CALA 22 VUVE 12

Mileage	Species	Age	Topogr	Veg
0.7	CalA	OL	SW	GR
1.4	CalA	OL	MS	GR
1.4	CalA	OL	MS	GR
1.6	CalA	OL	SW	GR
2.6	Vuue	OL	FL	GR
2.7	CalA	OL	SW	GR
2.7	CalA	VO	SW	GR
2.7	Vuue	FR	SW	GR
2.9	CalA	OL	FL	GR
2.9	Vuue	OL	FL	GR
4.4	CalA	OL	MS	MX w/ YU
11.2	VUVE	OL	MS	GR
11.6	VUVE	OL	FL	MX w/ AC
11.6	CALA	OL	FL	MX w/ AC
12.8	CALA	OL	FU	GR
12.9	VUVE	FR	FU	GR
13.6	CALA	VF	FU	GR
13.9	CALA	OL	FU	GR
16.4	CALA	VO	RG	GR
16.4	VUVE	OL	RG	GR
16.4	CALA	OL	RG	GR

(21)

Species codes: CALA coyote

VUVE swift fox

Age: VO very old

OL old

VF very fresh

FR fresh

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)

Mileage	Species	Age	Topogr	Veg
17.2	VUVE	OL	RG	GR
17.2	VUVE	OL	RG	GR
17.5	CALA	OL	FU	GR
17.5	CALA	OL	FU	GR
17.5	CALA	VO	FU	GR
18.1	CALA	OL	FU	GR
18.1	VUVE	OL	FU	GR
18.2	CALA	OL	RG	GR
18.2	VUVE	FR	RG	GR
18.2	CALA	OL	RG	GR
18.2	CALA	VO	RG	GR
19.6	CALA	OL	FU	GR
19.9	VUVE	OL	FU	GR

(21)