

Project Summary Sheet – Year 2003

Project Name SGS-LTER Long Term Monitoring Project - Carnivore Scat Count

Project Number 99

Principal Investigator(s) Paul Stapp

Dates of Data Collection at 16 April 2003; 25 June; 9 July, 2003; 22 Sept; 2 Oct 2003

Plot Names / Specific Location of study area(s) CAPER Lagomorph / Scat Count & 20 mile transect

Full Names of Data Collectors Mark Lindquist, Nicole Kaplan, Steve Blecker, Jamie Weaver, Adam Gaylord, Heather Walkerstoner, Beth Grady, Rakering

Names of Associated Files and Databases Ascalon:\Projects\dataentry\AKS#98-LT-Animal-Mon\Canids\SCAT-98-99-00-01-02-03BB

Summary of Data Collected (How are data sheets organized? How many pages are in each section? etc.)

Data sheets are arranged by seasonal count.

April 2003 - pre-census & census

June & July 2003 - pre-census & census

Sept & Oct 2003 - pre-census & census

Questions and Concerns

Jan. 2003 Scat Count data sheets sent 1/30/03

Date copies of data sheets were sent to PI(s) 18 Nov 2003

Date copies of data sheets were sent to SGS-LTER office Oct 2003

Names of any other persons given copies of data sheets

Nicole Kaplan (IM), Mark Lindquist

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.

Note: road grader came by
8th or 9th of January 2002

COUNT (circle): PRE-CENSUS CENSUS

DATE 3 Jan 03

OBSERVERS mpl, NEK, Laura Jancison

COMMENTS windy, Dry 0932

ENDING MILEAGE _____

TOTAL FR/VF: CALA _____ VUVE _____

TOTAL SCATS: CALA _____ VUVE _____

Mileage	Species	Age	Topogr	Veg
0.6	Vuue	OL	SW	GR
1.75	Cala	OL	MS	MX
2.15	Vuue	OL	FU	MX
2.45	Vuue	OL	MS	MX
2.85	Vuue	OL	FL	MX
3.00	Cala	VO	FL	MX
3.00	Vuue	VO	FL	MX
3.5	Vuue	OL	FL	MX
3.6	Vuue	OL	FL	MX
3.7	Cala	FR	FL	MX
5.5	Cala	OL	FL	AC
10.1	Cala	OL	FL	MX
10.15	Cala	VO	FL	MX
10.15	Cala	VO	FL	MX
10.3	Cala	VO	FL	MX
10.3	Vuue	VO	FL	MX
10.6	Cala	VO	FL	MX
10.6	Vuue	OL	FL	MX
10.9	Cala	FR	FL	MX
10.9	Cala	369	Digital Picture	#2376
11.0	Cala	VO	FL	MX

(21)

Mileage	Species	Age	Topogr	Veg
11.1	Cala	VO	FL	MX
11.1	Vuue	VO	FL	MX
11.1	Vuue	VO	FL	MX
11.5	Vuue	VO	FL	MX
11.6	Cala	VO	CR	MX
11.7	Vuue	OL	FL	MX
12.4	Vuue	OL	FU	GR
13.75	Cala	OL	FU	GR
13.80	Cala	VO	FU	GR
13.90	Picture of	Cala		#2371
14.00	Vuue	OL	FU	GR
14.10	Vuue	VO	MS	GR
14.15	Vuue	VO	MS	GR
17.1	Vuue	OL	MS	GR
17.1	Cala	VO	MS	GR
17.35	Vuue	VO	FU	GR
17.4	Vuue	VO	FU	GR
17.45	Vuue	VO	FU	GR
17.6	Cala	10/15/02	# 2371	Pic.
17.85	Cala	10/15/02	# 2372	Pic.
18.0	Vuue	OL	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

HU human structure (<30 m): HUWI windmill, HUBU bldg, HUCG cattle grd, HUNR not recorded

Vegetation codes:

AC saltbush

GR grassland

YU yucca

MX mixed grassland (MXAC or MXYU)

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 3 Jan 03

OBSERVERS WDL NEK Laura Jemison

COMMENTS Windy 13:30 end

ENDING MILEAGE 20.60

TOTAL FR/VF: CALA _____ VUVE _____

TOTAL SCATS: CALA _____ VUVE _____

Mileage	Species	Age	Topogr	Veg
18.1	Vuue	OL	RG	GR
18.1	Vuue	OL	RG	GR
18.15	Vuue	VO	RG	GR
18.25	Vuue	VO	RG	GR
18.30	Cala	VO	RG	GR
18.30	Cala	VO	RG	GR
18.30	Vuue	VO	RG	GR
18.30	Vuue	VO	RG	GR
18.30	Cala	VO	RG	GR
18.30	Cala	VO	RG	GR
18.30	Vuue	VO	RG	GR
18.30	Vuue	OL	RG	GR
18.35	Vuue	OL	RG	GR
18.40	Vuue	VO	RG	GR
18.40	Cala	VO	RG	GR
18.45	Vuue	VO	RG	GR
18.45	Vuue	VO	RG	GR
18.50	Vuue	VO	RG	GR
18.50	Cala	VO	RG	GR
18.55	Vuue	OL	RG	GR
18.55	Vuue	VO	RG	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

HU human structure (<30 m): HUWI windmill, HUBU bldg, HUCG cattle grd, HUNR not recorded

Vegetation codes:

AC saltbush

GR grassland

YU yucca

MX mixed grassland (MXAC or MXYU)

Mileage	Species	Age	Topogr	Veg
18.6	Cala	OL	RG	GR
18.6	Vuue	VO	RG	GR
18.6	Vuue	VO	RG	GR
18.65	Cala	VO	RG	GR
18.65	Vuue	VO	RG	GR
18.70	Vuue	VO	RG	GR
18.80	Vuue	OL	MS	GR
18.85	Vuue	VO	MS	GR
18.85	Vuue	OL	MS	GR
18.9	Vuue	OL	FL	GR
19.0	Cala	VO	FL	GR
19.0	Vuue	VO	FL	GR
19.0	Vuue	VO	FL	GR
19.1	Vuue	OL	FU	GR
19.35	Vuue	VO	FU	GR
19.7	Vuue	OL	FU	GR

(21)

SGS-LTER Long-Term Monitoring Project

Carnivore Scat Count

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COUNT (circle):

PRE-CENSUS

CENSUS

DATE 25 June 83

OBSERVERS

COMMENTS

ENDING MILEAGE 20.4 miles

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

TOTAL SCATS: CALA 8 **VUVE** 19

Mileage	Species	Age	Topogr	Veg
11.	CALA	VO	MS	GR
1.15	CALA	VO	RG	GR
1.3	CALA	VO	MS	GR
2.4	VUVE	OL	MS	GR
9.8	VUVE	VF	FL	MX-
10.5	VUVE	VF	FL	MX
11.2	VUVE	VF	MS	MX
11.3	VUVE	OL	RG	MX
11.7	VUVE	VO	FL	GR
11.7	CALA	VO	FL	GR
11.75	CALA	VO	FL	GR
11.8	VUVE	VO	MS	GR
12.2	VUVE	VO	FU	GR
12.2	CALA	VO	FU	GR
12.35	VUVE	OL	FU	GR
14.25	CALA	VO	FU	MX
14.25	VUVE	OL	FU	MX
14.4	CALA	VF	FU	MX
15.9	VUVE	VO	FL	GR
16.05	VUVE	VO	FL	GR
16.1	VUVE	OL	FL	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

HU human structure (<30 m): HUWI windmill, HUBU bldg, HUCG cattle grd, HUNR not recorded

RG ridgetop

SW swale

CR creek drainage

Vegetation codes:

AC saltbush

YU **yucca**

MX mixed grassland (MXAC or MXYU)

GR grassland

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.

CENSUS

DATE 09 July 83

OBSERVERS J MOL, Beth Grady, Seth Katering.
COMMENTS _____

COMMENTS

ENDING MILEAGE 20.6 miles

TOTAL FR/VF: CALA 2/0 VUVE 1/0

TOTAL SCATS: CALA 5 **VUVE** 4

[illegible]

(21)

OL old

FR fresh

HU human structure (<30 m): HUWI windmill, HUBU bldg, HUCG cattle grd, HUNR not recorded

[illegible]

(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.

11:00 Start
14:52 end

OBSERVERS M. Lindqvist, S. Bleeker, J. Weaver

ENDING MILEAGE 20.6

TOTAL FR/VF: CALA 23/1 **VUVE** 5/2

TOTAL SCATS: CALA 14 **VUVE** 23

Mileage	Species	Age	Topogr	Veg
1.1	Cala	OL	MS	GR
1.2	Unue	OL	MS	GR
1.3	Cala	VO	MS	GR
1.35	Cala	FR	MS	GR
2.50	Unue	UF	MS	MX
3.3	Unue	UF	MS	MX
3.6	Cala	VO	MS	MX
9.8	Cala	VO	FL	MX
9.8	Unue	OL	FL	MX
9.8	Cala	VO	FL	MX
9.8	Cala	VO	FL	MX
10.2	Unue	VO	FL	MX
11.2	Cala	VO	FL	MX
11.2	Cala	VO	FL	MX
11.5	Unue	VO	FL	MX
11.8	Unue	VO	FL	MX
12.45	Unue	VO	FU	GR
12.45	Cala	VO	FU	GR
12.90	Unue	OL	FU	GR
13.0	Unue	FR	FU	GR
13.3	Cala	VO	FU	GR

(21)

[illegible]

(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	AC saltbush	GR grassland
FL flat lowland	SW swale	YU yucca	
MS midslope	CR creek drainage	MX mixed grassland (MXAC or MXYU)	
HU human street			

HU human structure (<30 m): HUWI windmill, HUBU bldg, HUCG cattle grd, HUNR not recorded

Vegetation codes:

AC saltbush GR grassland

YU *yucca*

MX mixed grassland (MXAC or MXYU)

mill, HUBU bldg, HUCG cattle grd, HUNR not recorded

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Carnivore Scat Count

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COUNT (circle): PRE-CENSUS

CENSUS

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DATE 10.02.03OBSERVERS M. Lindquist, N. Kaplan, J. Wencover

COMMENTS

ENDING MILEAGE

20.65

TOTAL FR/VF: CALA

5/8

VUVE

5/2

TOTAL SCATS: CALA

39

VUVE

42

Mileage	Species	Age	Topogr	Veg
1.0	Uuwe	VO	MS	GR
1.0	Uuwe	OL	MS	GR
1.5	Uuwe	OL	MS	GR
1.55	Calca	VO	SW	MX
1.65	Calca	VO	FL	MX
1.70	Uuwe	VO	FL	MX
1.80	Uuwe	OL	MS	MX
2.25	Uuwe	FR	FU	MX
2.30	Uuwe	FR	FU	MX
2.50	Uuwe	VO	MS	MX
2.85	Calca	VO	FL	MX
3.16	Uuwe	OL	FL	MX
3.7	Uuwe	OL	FL	MX
3.7	Calca	OL	FL	MX
3.75	Calca	FR	FL	MX
4.1	Calca	OL	MS	MX
4.1	Uuwe	OL	MS	MX
4.2	Uuwe	VF	RG	MX
4.9	Calca	FR	FU	MX
5.3	Calca	VF	FU	MX
5.3	Calca	VF	FU	MX

wind mill

Mileage	Species	Age	Topogr	Veg
5.3	Calca	VF	FU	MX
8.4	Calca	FR	MS	MX
10.45	Calca	VO	FL	MX
10.45	Calca	VO	FL	MX
10.6	Uuwe	OL	FL	MX
10.6	Uuwe	OL	FL	MX
10.6	Calca	OL	FL	MX
10.6	Calca	VO	FL	MX
10.8	Calca	VF	FL	MX
10.8	Calca	VO	FL	MX
10.9	Calca	OL	FL	MX
11.6	Uuwe	FR	MS	MX
11.6	Uuwe	OL	MS	MX
11.75	Calca	OL	FL	MX
11.80	Uuwe	FR	MS	MX
12.3	Calca	VO	FU	MX
12.3	Calca	VO	FU	MX
12.5	Calca	VO	FU	GR
12.75	Calca	FR	FU	GR
12.75	Calca	VO	FU	GR
12.75	Calca	VO	FU	GR

Pony horn in site

(21)

(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

HU human structure (<30 m): HUWI windmill, HUBU bldg, HUCG cattle grd, HUNR not recorded

RG ridgetop

SW swale

CR creek drainage

Vegetation codes:

AC saltbush

YU yucca

MX mixed grassland (MXAC or MXYU)

GR grassland

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COUNT (circle): PRE-CENSUS

CENSUS

DATE 10/02/03OBSERVERS M. Lindquist, N. Kaplan, J. Weaver

COMMENTS

ENDING MILEAGE 20.65TOTAL FR/VF: CALA 5/8 VUVE 5/2TOTAL SCATS: CALA 39 VUVE 42

Mileage	Species	Age	Topogr	Veg
12.9	Calg	OL	FU	GR
13.1	Calg	UF	FU	GR
13.1	Juve	OL	FU	GR
13.3	Calg	OL	FU	GR
14.1	Juve	OL	FU	GR
14.3	Juve	OL	FU	GR
14.3	Calg	OL	FU	GR
14.85	Calg	UF	FL	MX
15.90	Calg	OL	FL	GR
16.0	Juve	OL	FL	GR
16.1	Juve	OL	FL	GR
16.1	Calg	UF	FL	GR
16.2	Juve	OL	MS	GR
16.25	Calg	UF	MS	GR
16.25	Juve	OL	MS	GR
16.25	Juve	OL	MS	GR
16.25	Calg	OL	MS	GR
16.30	Juve	OL	MS	GR
16.30	Calg	VO	MS	GR
16.30	Juve	OL	MS	GR
16.35	Calg	OL	RG	GR

(21)

Species codes: CALA coyote

Age: VO very old

VUVE swift fox

OL old

VF very fresh

FR fresh

Topography codes:

FU flat upland

FL flat lowland

MS midslope

HU human structure (<30 m):

RG ridgetop

SW swale

CR creek drainage

HUWI windmill, HUBU bldg, HUCG cattle grd, HUNR not recorded

Vegetation codes:

AC saltbush

YU yucca

MX mixed grassland (MXAC or MXYU)

GR grassland

Mileage	Species	Age	Topogr	Veg
16.40	Juve	OL	RG	GR
16.4	Juve	OL	HU	GR
16.5	Juve	OL	FL	GR
16.5	Juve	OL	FL	GR
16.65	Juve	OL	MS	GR
16.70	Juve	OL	MS	GR
16.70	Juve	UF	MS	GR
17.25	Juve	OL	MS	GR
17.30	Juve	VO	MS	GR
17.40	Juve	OL	FU	GR
17.40	Calg	VO	FU	GR
17.6	Juve	FR	MS	GR
17.75	Juve	OL	RG	GR
18.45	Juve	OL	RG	GR
18.80	Juve	VO	MS	GR
18.90	Juve	VO	FL	GR
19.50	Calg	VO	FU	GR
19.75	Calg	FR	FU	MXAC

(21)