

**Kaplan, Nicole**

**From:** smunson [smunson@warnercnr.colostate.edu]  
**Sent:** Monday, February 05, 2007 9:45 AM  
**To:** Kaplan,Nicole  
**Subject:** RE: BOGR Removal PLOTS TO CHECK OUT

Nicole,  
Let me know when we you can meet today.  
-Seth

[illegible]

## BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 4/24/04 Section: 24 Recorder(s): Emily, AlexDoneCircle One: Treatment Control,Inside/Outside Outside GU Enclosure,East/West East Plot Location Description

## Density Data:

## Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
118 OPPD	72+38=110	1	LITT	
ARLO	..... = 5	2	BARE	
410 BOGR	..... = 17	3	BUDA	
9 SPLO	.. = 2	4	BARE	
STLO	' = 1	5	BARE	
201 CAHE	..... = 19	6	BARE	
6 BUZA	0	7	BARE	
180 VUDL	40+37= 77	8	BARE	
<del>SATB</del>		9	BARE	
410 (294) BUDA	34	10	BARE	
		11	BARE	
		12	BARE	
		13	LITT	
		14	POGR	
		15	BOGR	
		16	BARE	
		17	BARE	
		18	BARE	
		19	BUDA	
		20	BARE	
		21	BUDA	
		22	BARE	
		23	OPPD	
		24	BARE	
		25	BARE	
		26	BUDA	
		27	BARE	
		28	BARE	
		29	BARE	
		30	BARE	
		31	LITT	
		32	BUDA	
		33	BUDA	
		34	BARE	
		35	BARE	
		36	BARE	
		37	BARE	
		38	LITT	
		39	OPPD	
		40	OPPD	

417+34

(3)

410  
 118  
 9  
 6  
 180  
 294  
 294

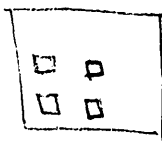
BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 6/29/06 Section: 24 Recorder(s): AS, ES

Circle One: Treatment Control, Inside Outside GU Enclosure, East/West Plot Location Description

Density Data: Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
AGSM	739	1	BARE	
SPCO	27	2	BARE	
ARFR	1	3	BARE	
OPPO	47	4	BARE	
GUZA	10	5	BARE	
ATCA	1	6	AGSM	
BORG	27	7	BARE	
CAHE	67	8	BARE	
BUDA	51	9	BARE	
		10	BARE	
		11	BARE	
		12	LI	
		13	BARE	
		14	BARE	
		15	LITT	
		16	LITT	
		17	BARE	
		18	LITT	
		19	BARE	
		20	BARE	
		21	BARE	
		22	BARE	
		23	BARE	
		24	BARE	
		25	BARE	
		26	BARE	
		27	BARE	
		28	BARE	
		29	BARE	
		30	BARE	
		31	BARE	
		32	BARE	
		33	BARE	
		34	BARE	
		35	LITT	
		36	AGSM	
		37	LITT	
		38	LITT	
		39	BARE	
		40	LITT	



## BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 6/29/06 Section: 24 Recorder(s): 136DoneCircle One: Treatment Control,Inside/Outside GU Enclosure, Inside

East/West Plot Location Description

## Density Data:

## Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
BUDA	369	1	BUDA ✓	
BOGR	14	2	BARE ✓	
OPPO	29	3	BUDA ✓	
ARLO	11	4	SIHY ✓	
AGSM	1	5	BARE ✓	
SIHY	4	6	BUDA ✓	
CAHE	106	7	BUDA ✓	
SPCO	32	8	LITT ✓	
VDOC	47	9	BUDA ✓	
GUSA	5	10	BARE ✓	
CHVI	1	11	BARE ✓	
UNGR	1	12	BUDA ✓	
		13	BARE ✓	
		14	LITT ✓	
		15	BARE ✓	
		16	BARE ✓	
		17	LITT ✓	
		18	LITT ✓	
		19	BARE ✓	
		20	BUDA ✓	
		21	BUDA ✓	
		22	BUDA ✓	
		23	BUDA ✓	
		24	BUDA ✓	
		25	BARE ✓	
		26	BARE ✓	
		27	OPPO ✓	
		28	BARE ✓	
		29	BARE ✓	
		30	BUDA ✓	
		31	LITT ✓	
		32	BUC ✓	
		33	BARE ✓	
		34	LITT ✓	
		35	LITT ✓	
		36	BARE ✓	
		37	BUDA ✓	
		38	LITT ✓	
		39	LITT ✓	
		40	BARE ✓	

41  
41  
41

BGD

A) Arlo 2  
BUDA-87  
SPCO-11  
SIHY-1  
OPPO-16  
CAHE-7  
BOGR-2

B) CAHE-35  
SPCO-4  
VUOC-22  
OPPO-8  
SIHY-1  
ARLO-2  
BOGR-3  
GUSA-1  
BUDA-83

C) Oppo-5  
SIHY-1  
ARLO-4  
BUDA-116  
SPCO-13  
AGSM-1  
VUOC-25  
BOGR-8  
GUSA-1  
CAHE-30

D) CHV-1  
GUSA-3  
ARLO-3  
SPCO-4  
SIHY-1  
CAHE-4  
UNGR-1  
BOGR-1  
BWA-83

<u>ARLO</u>	<u>BUDA</u>	<u>SPCO</u>	<u>SIHY</u>	<u>OPPO</u>	<u>VUOC</u>	<u>AGSM</u>	<u>BOGR</u>
2	287	11	1	16	22		2
2	83	4	1	8	25		3
4	116	13	1	5	(47)	(1)	8
3	83	4	1	0			1
(11)	(369)	(32)	(4)	(29)			(14)

<u>CAHE</u>	<u>GUSA</u>	<u>UNGR</u>
17	1	1
35		
30	3	
14	1	
(106)		

## BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 10-29-06 Section: 24 Recorder(s): Chris / CCDone

Circle One: Treatment/Control,

Inside/Outside GU Exclosure,

East/West/Plot Location Description

## Density Data:

## Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
BOGR	38	1	BARE ✓	
BUDA	26	2	AGSM ✓	
OPPO	49	3	BOGR ✓	
AGSM	90	4	BARE ✓	
SAIB	5	5	BARE ✓	
GUZA	24	6	BOGR ✓	
SPCO	9	7	BARE ✓	
CAHE	21	8	AGSM ✓	
STCO	11	9	BARE ✓	
VUOC	3	10	BARE ✓	
WNEB	6	11	BARE ✓	
		12	BARE ✓	
		13	LICH ✓	
		14	BARE ✓	
		15	BUDA ✓	
		16	BARE ✓	
		17	LICH ✓	
		18	LICH ✓	
		19	BOGR ✓	
		20	BOGR ✓	
		21	BARE ✓	
		22	LICH ✓	
		23	AGSM ✓	
		24	OPPO ✓	
		25	BARE ✓	
		26	OPPO ✓	
		27	OPPO ✓	
		28	BARE ✓	
		29	BARE ✓	
		30	BOGR ✓	
		31	LICH ✓	
		32	BARE ✓	
		33	LITT ✓	
		34	CAHE ✓	
		35	BARE ✓	
		36	AGSM ✓	
		37	OPPO ✓	
		38	BARE ✓	
		39	BARE ✓	
		40	OPPO ✓	

# BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 6-29-06 Section: 24 Recorder(s): Chris / CC

Done

Circle One: Treatment Control, Inside Outside GU Enclosure, East West Plot Location Description

## Density Data:

## Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
BOGR	28	1	BARE✓	
BUDA	35	2	BARE✓	
AGSM	166	3	AGSM✓	
SPCO	26	4	BARE✓	
OPPO	116	5	BARE✓	
CAME	21	6	LICH✓	
ASOX	5	7	BOGR✓	
GUZA	11	8	BARE✓	
VUOC	7	9	BOGR✓	
		10	BUDA✓	
		11	BUDA✓	
		12	BARE✓	
		13	BARE✓	
		14	BARE✓	
		15	LICH✓	
		16	BARE✓	
		17	BUDA✓	
		18	BARE✓	
		19	LICH✓	
		20	BARE✓	
		21	BOGR✓	
		22	BARE✓	
		23	LICH✓	
		24	BARE✓	
		25	BARE✓	
		26	BARE✓	
		27	BOGR✓	
		28	BARE✓	
		29	BARE✓	
		30	BOGR✓	
		31	LICH✓	
		32	BARE✓	
		33	BARE✓	
		34	BARE✓	
		35	BARE✓	
		36	BUDA✓	
		37	BARE✓	
		38	BOGR✓	
		39	AGSM✓	
		40	BARE✓	

## BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 10/29/00 Section: 24 Recorder(s): Emily SanfordCircle One: Treatment Control,Inside Outside GU Exclosure,East West Plot Location Description

## Density Data:

## Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
OPPD	57	1	BARE✓	
AGSM	3	2	BARE✓	
UNFB	132	3	BARE✓	
STCO	17	4	BARE✓	
BOGR	64	5	BARE✓	
BUDA ?	1	6	BARE✓	
SPLD	26	7	BARE✓	
UNFB	1	8	BARE✓	
ARLD	3	9	BOGR✓	
		10	BOGR✓	
		11	BARE✓	
		12	BARE✓	
		13	LITT✓	
		14	BARE✓	
		15	BARE✓	
		16	BARE✓	
		17	BARE✓	
		18	BARE✓	
		19	BARE✓	
		20	LITT✓	
		21	BARE✓	
		22	BOGR✓	
		23	BARE✓	
		24	BARE✓	
		25	BARE✓	
		26	BARE✓	
		27	GUZA✓	
		28	BARE✓	
		29	BARE✓	
		30	BARE✓	
		31	BOGR✓	
		32	BARE✓	
		33	BARE✓	
		34	BARE✓	
		35	BARE✓	
		36	BARE✓	
		37	BARE✓	
		38	LITT✓	
		39	BARE✓	
		40	BARE✓	

Done  
///

11/ 0/23/11  
 43/40/23/26  
 20/13/ 16/14  
 1/2  
 15/20



## BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 6/29/06 Section: 24 Recorder(s): LRH

Circle One: Treatment/Control,

Inside/Outside GU Enclosure,

East/West/Plot Location Description

## Density Data:

## Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
DPPO	7	1	CAHE ✓	
SPCO	4	2	BUDA ✓	
WOC	126	3	LITT ✓	
BUDA	85	4	BUDA ✓	
BOGR	8	5	BUDA ✓	
CAHE	374	6	BARE ✓	
		7	LITT ✓	
		8	LITT ✓	
		9	BUDA ✓	
		10	LITT ✓	
		11	BUDA ✓	
		12	LITT ✓	
		13	BARE ✓	
		14	LITT ✓	
		15	LITT ✓	
		16	LITT ✓	
		17	BUDA ✓	
		18	BUDA ✓	
		19	BUDA ✓	
		20	LITT ✓	
		21	CAHE ✓	
		22	BUDA ✓	
		23	BUDA ✓	
		24	BUDA ✓	
		25	BUDA ✓	
		26	LITT ✓	
		27	BUDA ✓	
		28	BUDA ✓	
		29	LITT ✓	
		30	BUDA ✓	
		31	BOGR ✓	
		32	BUDA ✓	
		33	CAHE ✓	
		34	BUDA ✓	
		35	BUDA ✓	
		36	BUDA ✓	
		37	BUDA ✓	
		38	BUDA ✓	
		39	LITT ✓	
		40	LITT ✓	

CAUT 1  
GUSA 3  
ARLO 4  
SPCO 4  
STAY 4

BUDA  
WUGR  
CAHE 14

**BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 – Bill Lauenroth**

Date 6-29-06 Section: 24 Recorder(s): Chris

Done

Circle One: Treatment ControlInside Outside GU Enclosure,East West Plot Location Description**Density Data:****Point of Intercept:**

Species (count)	# of Individuals		Hit	Notes
BOGR	20	1	BARE✓	
BUDA	14	2	BARE✓	
AGSM	24	3	BARE✓	
OPPO	6	4	BUDA✓	
GUZA	2	5	LITT✓	
SPCO	5	6	LICH✓	
STCO	4	7	CAHE✓	
CAHE	11	8	BARE✓	
SAIB	2	9	BARE✓	
		10	GUZA✓	
		11	BARE✓	
		12	BARE✓	
		13	BOGR✓	
		14	BARE✓	
		15	BARE✓	
		16	LITT✓	
		17	LITT✓	
		18	BUDA✓	
		19	BARE✓	
		20	BOGR✓	
		21	AGSM✓	
		22	BARE✓	
		23	LITT✓	
		24	DUNG✓	
		25	DUNG✓	
		26	DUNG✓	LITT?
		27	DUNG✓	
		28	BARE✓	
		29	BARE✓	
		30	BUDA✓	
		31	BOGR✓	
		32	BARE✓	
		33	BARE✓	
		34	BOGR✓	
		35	BARE✓	
		36	BUDA✓	
		37	BARE✓	
		38	BARE✓	
		39	LITT✓	
		40	LITT✓	

## BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 – Bill Lauenroth

Date 6/30/06 Section: 19 Recorder(s): LRHDone  
///Circle One: ~~Treatment~~ Control, ~~Inside~~ Outside GU Exclosure, ~~East~~ West Plot Location Description

## Density Data:

## Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
OPPO	93	1	LITT✓	Dead BOGR
BOGR	50	2	LITT✓	Dead BOGR
SAJB	16	3	LITT✓	Dead BOGR
SPCO	3	4	LITT✓	Dead BOGR
ARLO	10	5	LITT✓	BOGR (crown)
UNFO	2	6	LITT✓	BOGR (crown)
STCO	101	7	BARE✓	
CAHE	9	8	LITT✓	Dead BOGR
BUDA	24	9	BARE✓	
		10	BARE✓	
		11	BOGR✓	
		12	BARE✓	
		13	BARE✓	
		14	LITT✓	Dead BOGR
		15	LITT✓	Dead OPPO
		16	BOGR✓	
		17	LITT✓	Dead BOGR
		18	BARE✓	
		19	BARE✓	
		20	BARE✓	
		21	LITT✓	Dead BOGR
		22	LITT✓	Dead BOGR
		23	LITT✓	
		24	LITT✓	
		25	LITT✓	Dead BOGR
		26	LITT✓	Dead OPPO
		27	LITT✓	Dead OPPO
		28	LITT✓	Dead ARLO
		29	LITT✓	Dead ARLO
		30	BOGR✓	
		31	BARE✓	
		32	LITT✓	Dead OPPO
		33	BOGR✓	
		34	LITT✓	Dead BOGR
		35	LITT✓	Dead OPPO
		36	LITT✓	Dead BOGR
		37	BARE✓	
		38	LITT✓	Dead STLO
		39	LITT✓	Dead STLO
		40	LITT✓	Dead STLO

A

OPPO-15  
STCO-46  
BOGR-10  
CAHE-7

B

OPPO-31  
SAIB-1  
STCO-25  
BOGR-16  
BUDA-8  
SPCO-1  
UNFO-2  
ARLO-1  
CAHE-2

OPPO-<sup>2</sup>15  
37  
16  
25  
93

STCO-246  
25  
11  
19  
101

BOGR-10  
16  
29  
15  
50

CAHE-7  
2  
9

SAIB-14  
2  
16

BUDA-8  
12  
4  
24

SPCO-3

UNFO-2

ARLO-10

OPPO-22  
SAIB-24  
STCO-24  
SPCO-3  
ARLO-5  
CAHE-34  
SPCR-1  
BOGR-7

C

OPPO-16  
SAIB-14  
STCO-11  
BOGR-9  
BUDA-12  
SPCO-2  
ARLO-5

D

OPPO-25  
BOGR-15  
STCO-19  
SAIB-1  
ARLO-4  
BUDA-1

## BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 6/30/06 Section: 19 Recorder(s): Emily Sanford

Done

Circle One: Treatment/Control

Inside/Outside GU Exclosure,

East/West Plot Location Description

## Density Data:

## Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
		1	BOGR ✓	65% LITT
VNSH	2	2	STCO ✓	
STCO	4	3	BARE ✓	
STCO	18	4	LITT ✓	
BOGR	18	5	BARE ✓	
VOUC	1	6	BARE ✓	
CAAE	3	7	LITT ✓	
SIHY	1	8	LITT ✓	
SAB	8	9	BARE ✓	
UNFB 1	3	10	LITT ✓	
UNFB 2	1	11	BARE ✓	
		12	BARE ✓	
		13	BARE ✓	
		14	BARE ✓	
		15	VNSH ✓	
		16	VNSH ✓	
		17	VNSH ✓	
		18	LITT ✓	
		19	BARE ✓	
		20	LITT ✓	
		21	BARE ✓	
		22	BARE ✓	
		23	LITT ✓	
		24	BARE ✓	
		25	BARE ✓	
		26	BARE ✓	
		27	BARE ✓	
		28	LITT ✓	
		29	LITT ✓	
		30	LITT ✓	
		31	LITT ✓	
		32	STCO ✓	
		33	BARE ✓	
		34	BARE ✓	
		35	BARE ✓	
		36	BARE ✓	
		37	LITT ✓	
		38	BARE ✓	
		39	BARE ✓	
		40	BARE ✓	

## BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 6/30/2006 Section: 19 Recorder(s): AS

Done

Circle One: Treatment Control,Inside Outside GU Exclosure,

East/West/Plot Location Description

## Density Data:

## Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
SAIB	18	1	LITT✓	
SPCO	26	2	LITT✓	OPPO pad (dead)
OPPO	60	3	LITT✓	BOGR (dead crown)
SIHY	2	4	LITT✓	OPPO pad (dead)
BOGR	13	5	LITT✓	BOGR (dead crown)
STCO	2	6	BARE✓	
		7	LITT✓	Dead BOGR
		8	LITT✓	OPPO pad (dead)
		9	LITT✓	OPPO Pad (dead)
		10	LITT✓	OPPO Pad (dead)
		11	BARE✓	
		12	BARE✓	
		13	BARE✓	
		14	BARE✓	
		15	BARE✓	
		16	BOGR✓	
		17	BOGR✓	
		18	BARE✓	
		19	BARE✓	
		20	BARE✓	
		21	BARE✓	
		22	BARE✓	
		23	SPLO✓	
		24	BARE✓	
		25	BARE✓	
		26	BARE✓	
		27	BARE✓	
		28	SPLO✓	
		29	BARE✓	
		30	LITT✓	OPPO Pad (dead)
		31	BARE✓	
		32	BARE✓	
		33	BARE✓	
		34	LITT✓	BOGR (dead crown)
		35	LITT✓	OPPO Pad (dead)
		36	LITT✓	OPPO Pad (dead)
		37	LITT✓	Dead BOGR
		38	BARE✓	
		39	LITT✓	
		40	LITT✓	

SPCR

## BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 30 June Section: 19 Recorder(s): Sean Hauser

Done

Circle One: Treatment (Control)

Inside/Outside GU Enclosure,

East/West Plot Location Description

## Density Data:

## Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
MATA	301	1	LITT	Dead BOGR
AGSM	29	2	LITT	
BOGR	<del>44</del> 45	3	LITT	
BUDA	2	4	MATA	Dead
SPLR	<del>24</del> 25	5	LITT	
SPCO	1 1 1	6	BARE	
PLPA	2 6	7	LITT	Dead MATA
CRME	<del>44</del> 48	8	LITT	
VUOC	32	9	LITT	
SAIB	2	10	LITT	Dead AGSM
		11	PLPA ✓	
		12	BARE ✓	
		13	LITT ✓	MATA
		14	LITT ✓	
		15	BOGR ✓	
		16	LITT ✓	BOGR
		17	LITT ✓	MATA
		18	LITT ✓	MATA
		19	LITT ✓	BOGR (run)
		20	LITT ✓	MATA
		21	LITT ✓	
		22	LITT ✓	BOGR
		23	LITT ✓	MATA
		24	LITT ✓	
		25	LITT ✓	BOGR
		26	BARE ✓	
		27	BOGR ✓	
		28	BOGR ✓	
		29	LITT ✓	
		30	LITT ✓	
		31	LITT ✓	
		32	BOGR ✓	
		33	DUNG ✓	
		34	LITT ✓	
		35	DUNG ✓	
		36	LITT ✓	
		37	MATA ✓	standing Dead
		38	DUNG ✓	
		39	LITT ✓	
		40	LITT ✓	

2  
144  
89.13  
22 93.16  
75.2  
301

SPLR

Done

## BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 6-30-2006 Section: 19 Recorder(s): Branley Wilson

Circle One: Treatment/Control,

Inside/Outside GU Enclosure,

East/West Plot Location Description

## Density Data:

## Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
SPCO	60	1	BOGR ✓	
OPPO	10	2	BARE ✓	
ATCA	19	3	BARE ✓	
C. Villosa	14	4	LITT ✓	
MATA	12	5	LITT ✓	
VUOC	18	6	LITT ✓	
CHLE	1	7	BARE ✓	
SIHY	3	8	LITT ✓	
ARLO	2	9	BARE ✓	
AGSM	6	10	BARE ✓	
BOGR	19	11	LITT ✓	
SPCR	12	12	BARE ✓	
BUDA	9	13	LITT ✓	
		14	BARE ✓	
		15	LITT ✓	
		16	BARE ✓	
		17	BARE ✓	
		18	SPCO ✓	
		19	BARE ✓	
		20	LITT ✓	
		21	BARE ✓	
		22	LITT ✓	
		23	BARE ✓	
		24	BARE ✓	
		25	BARE ✓	
		26	LITT ✓	
		27	BOGR ✓	
		28	LITT ✓	
		29	BARE ✓	
		30	LITT ✓	
		31	BOGR ✓	
		32	SPCO ✓	
		33	LITT ✓	
		34	LITT ✓	
		35	BARE ✓	
		36	BOGR ✓	
		37	BARE ✓	
		38	LITT ✓	
		39	BARE ✓	
		40	LITT ✓	



## BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 – Bill Lauenroth

Date 6-30-06 Section: 19 Recorder(s): ChrisCircle One: Treatment Control,Inside Outside GU Exclosure,East West Plot Location Description

## Density Data:

## Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
BOGR	12	1	BARE ✓	
BUDA	24	2	BARE ✓	
AGSM	15	3	BARE ✓	
SPCO	50	4	BARE ✓	
MATA	16	5	BARE ✓	
OPPO #26+90	162	6	LITT ✓	
VUOC	31	7	BARE ✓	
STCO	28	8	LITT ✓	
CRME	3	9	BARE ✓	
CAHE	5	10	BARE ✓	
SPCR	2	11	BARE ✓	
HISY	3	12	BARE ✓	
		13	BARE ✓	
		14	BARE ✓	
		15	BARE ✓	
		16	BARE ✓	
		17	BARE ✓	
		18	BARE ✓	
		19	BARE ✓	
		20	BARE ✓	
		21	BARE ✓	
		22	OPPO ✓	
		23	BARE ✓	
		24	BUDA ✓	
		25	LITT ✓	
		26	SPCO ✓	
		27	BOGR ✓	
		28	BARE ✓	
		29	BARE ✓	
		30	LITT ✓	
		31	BARE ✓	
		32	BARE ✓	
		33	BARE ✓	
		34	STCO ✓	
		35	STCO ✓	
		36	BARE ✓	
		37	LITT ✓	
		38	OPPO ✓	
		39	OPPO ✓	
		40	BARE ✓	

## BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 6/30/06 Section: 19 Recorder(s): EG

Done

Circle One: Treatment/Control,

Inside/Outside GU Enclosure,

East/West Plot Location Description

Density Data:

Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
OPPO	64	1	LITT ✓	
SPCO	62	2	BARE ✓	
BOGR	100	3	LITT ✓	
SIHY	4	4	BOGR ✓	
VUOC	24	5	LITT ✓	
SPCR	77	6	BARE ✓	
SAIB	20	7	BARE ✓	
BUDA	21	8	LITT ✓	
		9	BARE ✓	
		10	LITT ✓	
		11	BOGR ✓	
		12	BOGR ✓	
		13	LITT ✓	
		14	LITT ✓	
		15	LITT ✓	
		16	BARE ✓	
		17	BARE ✓	
		18	BARE ✓	
		19	BARE ✓	
		20	LITT ✓	
		21	LITT ✓	
		22	BOGR ✓	
		23	LITT ✓	
		24	BARE ✓	
		25	BARE	
		26	BARE ✓	
		27	LITT ✓	
		28	BARE ✓	
		29	BARE ✓	
		30	BARE ✓	
		31	LITT ✓	
		32	LITT ✓	
		33	BARE ✓	
		34	BOGR ✓	
		35	BARE ✓	
		36	LITT ✓	
		37	LITT ✓	
		38	BOGR ✓	
		39	BARE ✓	
		40	LITT ✓	

## BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 6/30/06 Section: 19 Recorder(s): B. Gley

Done

Circle One Treatment Control,Inside Outside GU Enclosure,East West Plot Location Description

## Density Data:

## Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
OPPO	166	1	LITT ✓	BOGR 1 count
STCO	82	2	BARE ✓	
SPCO	39	3	LITT ✓	OPPO
SAIB	71	4	BARE ✓	
CAHE	106	5	BARE ✓	
BOGR	36	6	BARE ✓	
CHLE	19	7	LIT ✓	BOGR 1 count
STHY	9	8	LITT ✓	STCO
MATA	3	9	BARE ✓	
CHAL	2	10	BARE ✓	
ARIC	7	11	BARE ✓	
SPCR	11	12	BARE ✓	
PLPA	1	13	SPCR ✓	
		14	BARE ✓	
		15	STCO ✓	
		16	STCO ✓	
		17	LITT ✓	STCO
		18	BARE ✓	
		19	STCO ✓	
		20	LITT ✓	STHY
		21	STCO ✓	
		22	LITT ✓	STCO
		23	LITT ✓	STCO
		24	LITT ✓	STCO
		25	LITT ✓	STCO
		26	STCO ✓	
		27	LITT ✓	STCO
		28	LITT ✓	SPCR
		29	BARE ✓	
		30	DUNK ✓	
		31	LICH ✓	
		32	STCO ✓	
		33	STCO ✓	
		34	BARE ✓	
		35	STCO ✓	
		36	LITT ✓	STCO
		37	LITT ✓	STCO
		38	STCO ✓	
		39	STCO ✓	
		40	BARE ✓	

N  
WB C D E  
4  
S

A) ~~OPPO~~ - 93 ✓  
~~SPCO~~ - 17  
~~STCO~~ - 32 ✓  
~~SAIB~~ - 23  
~~CAHE~~ - 30  
~~BOGR~~ - 6  
~~CHLE~~ - 3  
~~SIHY~~ - 3

B) ~~CHLE~~ - 6  
~~SPCO~~ - 8  
~~OPPO~~ - 37 ✓  
~~CAHE~~ - 7  
~~SIHY~~ - 4  
~~STCO~~ - 29  
~~SAIB~~ - 11  
~~CHAL~~ - 1  
~~BOGR~~ - 9  
~~SPCR~~ - 6

C) ~~STCO~~ - 12  
~~SPCO~~ - 11  
~~CAHE~~ - 15  
~~ARLO~~ - 2  
~~SAIB~~ - 13  
~~BOGR~~ - 14  
~~OPPO~~ - 14  
~~Matla~~ - 3  
~~SIHY~~ - 2  
~~CHLE~~ - 10  
~~CHAL~~ - 1  
~~PLPA~~ - 1

~~OPPO~~ - 22 ✓  
~~SAIB~~ - 24  
~~STCO~~ - 24  
~~SPCO~~ - 3  
~~ARLO~~ - 5  
~~CAHE~~ - 32  
~~SPCR~~ - 1  
~~BOGR~~ - 7

<del>OPPO</del> <del>93</del> <del>37</del> <del>14</del> <del>+22</del> <del>(166)</del>	<del>STCO</del> <del>217</del> <del>29</del> <del>12</del> <del>+24</del> <del>(82)</del>	<del>SPCO</del> <del>17</del> <del>8</del> <del>11</del> <del>3</del> <del>(39)</del>	<del>SAIB</del> <del>23</del> <del>11</del> <del>13</del> <del>+24</del> <del>(71)</del>	<del>CAHE</del> <del>50</del> <del>7</del> <del>15</del> <del>+34</del> <del>(106)</del>
<del>BOGR</del> <del>26</del> <del>9</del> <del>14</del> <del>+7</del> <del>(36)</del>	<del>CHLE</del> <del>3</del> <del>6</del> <del>10</del> <del>(19)</del>	<del>SIHY</del> <del>3</del> <del>4</del> <del>2</del> <del>(9)</del>	<del>Matla</del> <del>(3)</del>	<del>CHAL</del> <del>1</del> <del>-1</del> <del>2</del>
<del>ARLO</del> <del>2</del> <del>(7)</del>	<del>SPCR</del> <del>6</del> <del>5</del> <del>(10)</del>	<del>PLPA</del> <del>1</del>		

## BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 6-30-06 Section: 7 Recorder(s): Chris C. Brandy W

Done

Circle One: Treatment Control,

Inside/Outside GU Enclosure,

East West Plot Location Description

## Density Data:

## Point of Intercept:

Pic# 100-0015

Species (count)	# of Individuals		Hit	Notes
21+28 BOGR	43	1	BARE ✓	
26+2 BUDA	28	2	BARE ✓	
12+16 ARLO	28	3	BARE ✓	
6+14 STCO	25	4	BARE ✓	
8+5 SIHY	13	5	LITT ✓	
9 SPCO 1+24+53	4	6	AGSM ✓	
53 OPPO 33+12	104	7	LITT ✓	
24+35 CAHE	109	8	ARLO ✓	
2+3 PLPA	13	9	BARE ✓	
14 AGSM	14	10	LITT ✓	
5+7 UUOC	12	11	LITT ✓	
SPCR	3	12	BARE ✓	
CHLE	1	13	BARE ✓	
CRME	1	14	OPPO ✓	
SAIB	2	15	BARE ✓	
		16	BARE ✓	
		17	LITT ✓	
		18	OPPO ✓	
		19	LITT ✓	
		20	LITT ✓	
		21	LITT ✓	
		22	LITT ✓	
		23	BARE	
		24	BARE	
		25	BARE	
		26	BARE	
		27	BARE	
		28	BARE	
		29	BARE	
		30	BARE	
		31	BARE	
		32	BARE	
		33	BARE	
		34	BARE	
		35	LITT	
		36	BOGR	
		37	BARE	
		38	BARE	
		39	BARE	
		40	BOGR	

## BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 6/30/06 Section: 7 Recorder(s): LRHDone  
///Circle One: Treatment/Control,Inside/Outside GU Enclosure,East/West Plot Location Description

## Density Data:

## Point of Intercept:

Pic #100-0016

Species (count)	# of Individuals		Hit	Notes
OPPO	51	1	LITT	BOGR crown
ARLO	5	2	BARE	
BOGR	163	3	BARE	
STCO	11	4	BARE	
SPCO	20	5	LITT	
VUOC	1604	6	BARE	
SIHY	7	7	STCO	
KOSL	4	8	LITT	
CAME	6	9	SUNG	
		10	LICH	
		11	BOGR	
		12	BARE	
		13	BARE	
		14	BARE	
		15	BARE	
		16	LITT	Dead BOGR
		17	BARE	
		18	BARE	
		19	BARE	
		20	LITT	
		21	LITT	
		22	LITT	
		23	LITT	
		24	LITT	
		25	LITT	
		26	BARE	
		27	BARE	
		28	BARE	
		29	BARE	
		30	BARE	
		31	BARE	
		32	BARE	
		33	BARE	
		34	LITT	
		35	BOGR	
		36	LITT	
		37	BARE	
		38	BARE	
		39	SUNG	
		40	LITT	dead BOGR

A

OPPO-15  
BOGR-45  
VUOC-227  
SPCO-9  
SIHY-1  
KOSC-2

OPPO-15  
36  
51  
BOGR-45  
47  
31  
40  
163

SIHY-1  
5  
1  
7  
KOSC-8

STCO-2  
2  
7  
11

B

SIHY-5  
BOGR-47  
KOSC-3  
VUOC-532  
SPCO-7  
STCO-2  
KOSC-2  
ARLO-4

VUOC-527  
532  
433  
412  
1604

ARLO-4  
1  
5

SPCO-9  
7  
3  
1  
20

CAHE-6

C

BOGR-31  
VUOC-433  
SPCO-3  
STCO-2  
CAHE-6

D

OPPO-36  
STCO-7  
VUOC-412  
BOGR-40  
SIHY-1  
SPCO-1  
ARLO-1  
KOSC-1

## BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 6/30/06 Section: 7 Recorder(s): EGDone  
///Circle One: Treatment ControlInside Outside GU Enclosure,East/West Plot Location Description

## Density Data:

## Point of Intercept:

Pic # 100-0017

Species (count)	# of Individuals		Hit	Notes
OPPO	3	1	CAHE ✓	
SPCO	7	2	BARE ✓	
BOGR	27	3	BOGR ✓	
ARLO	3	4	BARE ✓	
CAHE	88	5	BARE ✓	
AGSM	36	6	LITT ✓	
STCO	5	7	CAHE ✓	
KOSC	3	8	LITT ✓	
		9	LITT ✓	
		10	BARE ✓	
		11	LITT ✓	
		12	LITT ✓	
		13	BARE ✓	
		14	BARE ✓	
		15	BARE ✓	
		16	BARE ✓	
		17	BARE ✓	
		18	CAHE ✓	
		19	BARE ✓	
		20	BARE ✓	
		21	BARE ✓	
		22	BOGR ✓	
		23	STCO ✓	
		24	ARLO ✓	
		25	ARLO ✓	
		26	LITT ✓	
		27	BARE ✓	
		28	LITT ✓	
		29	LITT ✓	
		30	LITT ✓	
		31	STCO ✓	
		32	BOGR ✓	
		33	BOGR ✓	
		34	BARE ✓	
		35	BOGR ✓	
		36	BARE ✓	
		37	BARE ✓	
		38	BOGR ✓	
		39	LITT ✓	
		40	LITT ✓	



## BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 – Bill Lauenroth

Date 6/30/06 Section: 7 Recorder(s): ASDone

Circle One: Treatment/Control,

Inside/Outside GU Enclosure,

East/West Plot Location Description

## Density Data:

## Point of Intercept:

Pic# 100-0018

Species (count)	# of Individuals		Hit	Notes
OPPO	46	1	BARE ✓	
SPEO	9	2	BOGR ✓	
57 BOGR	82	3	BOGR ✓	
CAHE	55	4	OPPO ✓	
PLPA	4	5	LITT ✓	Dead OPPO pad
		6	OPPO ✓	
		7	BOGR ✓	
		8	BARE ✓	
		9	BOGR ✓	
		10	BOGR ✓	
		11	CAHE ✓	
		12	BARE ✓	
		13	BARE ✓	
		14	LITT ✓	BOGR crown
		15	BARE ✓	
		16	BARE ✓	
		17	BARE ✓	
		18	LITT ✓	BOGR crown
		19	BARE ✓	
		20	BARE ✓	
		21	BARE ✓	
		22	BOGR ✓	
		23	BARE ✓	
		24	BARE ✓	
		25	BARE ✓	
		26	BOGR ✓	
		27	LITT ✓	BOGR crown
		28	BOGR ✓	
		29	BARE ✓	
		30	BARE ✓	
		31	BARE ✓	
		32	BARE ✓	
		33	LITT ✓	OPPO pad (dead)
		34	BOGR ✓	
		35	BARE ✓	
		36	BARE ✓	
		37	LITT ✓	BOGR crown
		38	LITT ✓	BOGR crown
		39	BOGR ✓	
		40	BOGR ✓	

## BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 4/30/06 Section: 7SW Recorder(s): Emily Sanford DoneCircle One: Treatment/Control, Inside/Outside GU Exclosure, East/West Plot Location Description

Density Data:

Point of Intercept:

59B Pic# 100-0019

Species (count)	# of Individuals		Hit	Notes
STO	13	1	ARRR ✓	
VUX	1092	2	BARE ✓	
SPCR	18	3	BARE ✓	
BOGR	26	4	BARE ✓	
CAHE	105	5	LITT ✓	
ARRR	13	6	BARE ✓	
SPCD	35	7	BARE ✓	
OPPO	21	8	BARE ✓	
		9	LITT ✓	
		10	SPCR ✓	
		11	LITT ✓	
		12	BARE ✓	
		13	BARE ✓	
		14	LITT ✓	
		15	BOGR ✓	
		16	LITT ✓	
		17	BARE ✓	
		18	BARE ✓	
		19	LITT ✓	
		20	BARE ✓	
		21	OPPO ✓	
		22	LITT ✓	
		23	BARE ✓	
		24	LITT ✓	
		25	OPPO ✓	
		26	LITT ✓	
		27	LITT ✓	
		28	OPPO ✓	
		29	LITT ✓	
		30	LITT ✓	
		31	BARE ✓	
		32	LITT ✓	
		33	LITT ✓	
		34	ARRR ✓	
		35	LITT ✓	
		36	BARE ✓	
		37	LITT ✓	
		38	LITT ✓	
		39	ARRR ✓	
		40	ARRR ✓	



$$\begin{array}{r} \text{V40C} \\ \hline \text{IIII}^{\text{00}} \quad 25 \\ \text{II} \quad 60 \\ \hline \text{SPCO} \quad 37 \\ \hline 122 \end{array}$$

$$\begin{array}{r} 922 \\ + 162 \\ \hline 1084 \end{array}$$

$$\begin{array}{r} \text{SPCO} \\ \hline \text{IIII} \text{IIII} \text{IIII} \\ \text{IIII} \text{IIII} \text{II} \end{array}$$

$$\begin{array}{r} 27 \\ + 8 \\ \hline 35 \\ \hline \text{Oppo} \\ \hline \text{IIII} \text{IIII} \text{IIII} \text{IIII} \text{I} \end{array}$$

$$\begin{array}{r} 21 \\ \hline 21 \end{array}$$

$$\begin{array}{r} \text{STCO} \\ \hline \text{IIII} \text{IIII} \end{array}$$

$$\begin{array}{r} 10 \\ + 3 \\ \hline 13 \end{array}$$

$$\begin{array}{r} \text{CAHE} \\ \hline \text{IIII} \text{IIII} \\ | \end{array}$$

$$\begin{array}{r} 55 \\ + 48 \\ \hline 103 \end{array}$$

*54 unit tail*

$$\begin{array}{r} \text{BOGR} \\ \hline \text{IIII} \text{IIII} \\ \text{III} \end{array}$$

$$\begin{array}{r} + 13 \\ 12 \\ \hline 25 \end{array}$$

$$\begin{array}{r} \text{SPCR} \\ \hline \text{IIII} \text{IIII} \text{IIII} \\ \text{IIII} \text{II} \end{array}$$

$$\begin{array}{r} 10 \\ \hline 18 \end{array}$$

$$\begin{array}{r} \text{ARFR} \\ \hline \text{IIII} \end{array}$$

$$\begin{array}{r} 6 \\ + 7 \end{array}$$

## BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 6-30-06 Section: 7SW Recorder(s): BM

Done

Circle One: Treatment/Control,

Inside/Outside GU Enclosure,

East/West Plot Location Description

## Density Data:

## Point of Intercept:

Pic# 100-0021

Species (count)	# of Individuals		Hit	Notes
SPCO 58	29+1+21+7	1	LITT ✓	
CAHE 98	52+21+5+20	2	LITT ✓	
VUOC 310	120+60+30+100	3	LITT ✓	
BOGR 15	4+3+6+2	4	LITT ✓	
ARFR 1	1+0+0+0	5	VUOC ✓	
SPGR 18	5+3+4+6	6	BOGR ✓	
LICH 5	1+2+2+0	7	LITT ✓	
SAIB 1	0+0+1+0	8	BOGR ✓	
SIHI 1	0+0+1+0	9	BARE ✓	
AGSM 4	0+0+4+0	10	BARE ✓	
STCO 2	0+0+0+2	11	LITT ✓	clumps
		12	LITT ✓	
		13	LITT ✓	
		14	LITT ✓	
		15	BOGR ✓	
		16	LITT ✓	
		17	BOGR ✓	
		18	BOGR ✓	
		19	SPCO ✓	
		20	LITT ✓	
		21	SPCO ✓	
		22	LITT ✓	
		23	LITT ✓	
		24	LITT ✓	
		25	VUOC ✓	
		26	LITT ✓	
		27	VUOC ✓	
		28	VUOC ✓	
		29	BOGR ✓	
		30	STCO ✓	
		31	LITT ✓	
		32	LITT ✓	
		33	VUOC ✓	
		34	LITT ✓	
		35	LITT ✓	
		36	BARE ✓	
		37	LITT ✓	
		38	VUOC ✓	
		39	SPCO ✓	
		40	LITT ✓	

Mbs 1/4 1/4  
Dead

## BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 – Bill Lauenroth

Date 6/29/06 Section: 7SL Recorder(s): BL

Done

Circle One: Treatment Control,Inside Outside GU Enclosure,East West Plot Location Description

## Density Data:

## Point of Intercept:

Pic # 100-0000

Species (count)	# of Individuals		Hit	Notes
BOGR	51	1	VUOC ✓	
SPCO	67	2	CRON ✓	
STCO	44	3	LITT ✓	
CAFF	141	4	LITT ✓	
ARLO	43	5	LITT ✓	
VUOC	1029	6	LITT ✓	
SIHY	8	7	CAFF ✓	
ARFR	2	8	LITT ✓	
C.Villosa	4	9	LITT ✓	
EREF	3	10	LITT ✓	
SAIB	2	11	BARF ✓	
MATA	2	12	STCO ✓	
SPCR	12	13	BOGR ✓	
		14	CRON ✓	
		15	BARF ✓	
		16	BARF ✓	
		17	ARLO ✓	
		18	LITT ✓	
		19	ARLO ✓	
		20	LITT ✓	
		21	BOGR ✓	
		22	SIHY ✓	
		23	BARF ✓	
		24	BARF ✓	
		25	LITT ✓	
		26	LITT ✓	
		27	LITT ✓	
		28	SIHY ✓	
		29	SIHY ✓	
		30	LITT ✓	
		31	LITT ✓	
		32	LITT ✓	
		33	LITT ✓	
		34	LITT ✓	
		35	LITT ✓	
		36	STCO ✓	
		37	STCO ✓	
		38	ARLO ✓	
		39	LITT ✓	
		40	LITT ✓	

B & D  
A

A) ~~ARLO-12~~  
~~VUOC-400~~  
~~SPEC-27~~  
~~BOGR-15~~  
~~STCO-6~~  
~~CAHE-20~~

B) ~~STCO-20~~  
~~ARLO-13~~  
~~EREF-2~~  
~~SPEC-5~~  
~~BOGR-6~~  
~~CAHE-50~~  
~~STHY-2~~  
~~VUOC-250~~  
~~SPCR-6~~

C) ~~ARFA-1~~  
~~C. villosa-3~~  
~~SPEC-15~~  
~~ARLO-15~~  
~~STHY-2~~  
~~EREF-1~~  
~~STCO-14~~  
~~BOGR-19~~  
~~VUOC-120~~  
~~CAHE-63~~  
~~SAIB-2~~  
~~MATA-2~~  
~~SPCR-4~~

D) ~~SPEC-20~~  
~~ARLO-3~~  
~~STHY-4~~  
~~VUOC-295~~  
~~ARFA-1~~  
~~BOGR-11~~  
~~STCO-4~~  
~~SPCR-2~~  
~~C. villosa-1~~  
~~CAHE-7~~

BOGR	SPCO	STCO	CAHE	ARLO	VUOC	STHY	ARFA	C. villosa	EREF
(51)	(67)	(44)	(40)	(43)	(1029)	(8)	(2)	(4)	(3)
215	27	16	20	12	400	2	1	3	2
19	15	14	63	15	120	2	1	1	1
11	120	4	7	3	259	4	1	1	1
SAIB	MATA	SPCR							
(2)	(2)	(1)							

Done

## BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 30 June 2006 Section: 7SW Recorder(s): Sean HaugeCircle One: Treatment ControlInside Outside GU Exclosure,East/West West Plot Location Description

Density Data:

Point of Intercept:

Pic # 100-0022

Species (count)	# of Individuals		Hit	Notes
SIHY	7	11	1	SPCR✓
BOGR	38	□□□□	2	LITT✓
STCO	31	□□□□	3	LITT✓
CAHF	108	□□□□□□□□	4	LITT✓
SPIO	6	□	5	LITT✓
VUOC	160	□□□□□□□□	6	LITT✓
SPCA	37	□□□□	7	VUOC✓
AGSM	1	•	8	LITT✓
KOSC	4	□	9	LITT✓
BODA	3	□	10	LITT✓
UNKW	2	□	11	LITT✓ like sals, larger leaves dark green w/ purple shrub?
			12	VUOC✓
			13	LITT✓
			14	LITT✓
			15	STCO✓
			16	LITT✓
			17	LITT✓
			18	VUOC✓
			19	LITT✓
			20	BARE✓
			21	DUNG✓
			22	LITT✓ OPPO
			23	LITT✓
			24	BARE✓
			25	LITT✓
			26	LITT✓
			27	LITT✓
			28	LITT✓
			29	LITT✓
			30	LITT✓
			31	LITT✓
			32	BOGR✓
			33	LITT✓
			34	LITT✓
			35	LITT✓
			36	LITT✓
			37	LITT✓
			38	VUOC✓
			39	VUOC✓
			40	LITT✓

**BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 – Bill Lauenroth**

Date 3 July 2006 Section: 11 Recorder(s): Sean Hauser

Done

Circle One: Treatment (Control)(Inside) Outside GU Exclosure,East/West (West) Plot Location Description**Density Data:****Point of Intercept:**

Species (count)	# of Individuals		Hit	Notes
ATCA	1		1	OPPO ✓
AGSM	102	██████████	2	OPPO ✓
EREF	1		3	LITT ✓
BOGA	26	██████	4	LITT ✓
VUOC	105	██████████	5	LITT ✓
STCO	10	██	6	LITT ✓
SPCR	8	██	7	BARE ✓
BUDA	10	██	8	LITT ✓
CANE	7	██	9	LITT ✓
OPPO	29	29	10	LITT ✓
			11	BARE ✓
			12	BARE ✓
			13	LITT ✓
			14	LITT ✓
			15	BARE ✓
			16	ATCA ✓
			17	BARE ✓
			18	BARE ✓
			19	LITT ✓
			20	LITT ✓
			21	LITT ✓
			22	LITT ✓
			23	ATCA ✓
			24	ATCA ✓
			25	LITT ✓
			26	LITT ✓
			27	LITT ✓
			28	LITT ✓
			29	LITT ✓
			30	Crown ✓
			31	ATCA ✓
			32	ATCA ✓
			33	LITT ✓
			34	ATCA ✓
			35	LITT ✓
			36	LITT ✓
			37	LITT ✓
			38	ATCA ✓
			39	BARE ✓
			40	LITT ✓



Done

**BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth**

Date 3 July 06 Section: 11 Recorder(s): AS

Circle One: Treatment/Control,

Inside/Outside GU Enclosure,

East/West Plot Location Description

**Density Data:****Point of Intercept:**

Species (count)	# of Individuals		Hit	Notes
OPPO	11	1	BOGR ✓	
BOGR	58	2	LITT ✓	
SPCO	9	3	LITT ✓	
AGSM	162	4	SPCO ✓	
ATCA	1	5	LITT ✓	
		6	LITT ✓	
		7	BARE ✓	
		8	LITT ✓	
		9	LITT ✓	
		10	LITT ✓	
		11	LITT ✓	
		12	BOGR ✓	
		13	LITT ✓	
		14	AGSM ✓	
		15	LITT ✓	
		16	BARE ✓	
		17	BARE ✓	
		18	BARE ✓	
		19	LITT ✓	
		20	LITT ✓	
		21	BOGR ✓	
		22	LITT ✓	
		23	LITT ✓	
		24	ATCA ✓	
		25	LITT ✓	
		26	ATCA ✓	
		27	LITT ✓	
		28	LITT ✓	
		29	ATCA ✓	
		30	LITT ✓	
		31	LITT ✓	
		32	LITT ✓	
		33	LITT ✓	
		34	BOGR ✓	
		35	BARE ✓	
		36	LITT ✓	
		37	ATCA ✓	
		38	LITT ✓	
		39	LITT ✓	
		40	ATCA	

**BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth**  
 Date 7-3-06 Section: 11 Recorder(s): BM

Done

Circle One: Treatment/Control,Inside/Outside GU Enclosure,East/West Plot Location Description**Density Data:****Point of Intercept:**


Species (count)	# of Individuals		Hit	Notes
OPPO	86	1	BOGR ✓	Mostly Dead
EREF	7	2	LITT ✓	
ARER	6	3	BOGR ✓	
AGSM	555	4	BAFE ✓	
BOGR	16	5	OPPO ✓	
ARLO	2	6	OPPO ✓	Clumps
SPCO	11	7	OPPO ✓	
STCO	35	8	AGSM ✓	
GRME	4	9	LITT ✓	
CHLI	1	10	LITT ✓	
		11	LITT ✓	
		12	AGSM ✓	
		13	BOGR ✓	
		14	AGSM ✓	
		15	OPPO ✓	
		16	OPPO ✓	
		17	AGSM ✓	
		18	LITT ✓	
		19	LITT ✓	
		20	LITT ✓	
		21	LITT ✓	
		22	LITT ✓	
		23	AGSM ✓	
		24	LITT ✓	
		25	LITT ✓	
		26	BOGR ✓	
		27	BOGR ✓	
		28	BOGR ✓	
		29	LITT ✓	
		30	LITT ✓	
		31	LITT ✓	
		32	AGSM ✓	
		33	OPPO ✓	
		34	AGSM ✓	
		35	BOGR ✓	
		36	LITT ✓	
		37	LITT ✓	
		38	LITT ✓	
		39	LITT ✓	
		40	OPPO ✓	

## BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 7/3/02 Section: 11 Recorder(s): EmilyCircle One: Treatment Control,Inside Outside GU Exclosure,East West Plot Location Description

## Density Data:

## Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
ARFR	21	1	LITT ✓	
VUOL	231	2	LITT ✓	
BOKR	17	3	LITT ✓	
ARLD	12	4	LITT ✓	
CAHE	27	5	LITT ✓	
STIO	23	6	LITT ✓	
SPIR	1	7	LITT ✓	
ALSM	140	8	BARE ✓	
OPPO	103	9	LITT ✓	
EREF	4	10	LITT ✓	
SPIO	2	11	LITT ✓	
		12	ARFR ✓	
		13	BARE ✓	
		14	BARE ✓	
		15	BARE ✓	
		16	LITT ✓	
		17	LITT ✓	
		18	LITT ✓	
		19	LITT ✓	
		20	LITT ✓	
		21	LITT ✓	
		22	BARE ✓	
		23	LITT ✓	
		24	LITT ✓	
		25	BARE ✓	
		26	BARE ✓	
		27	LITT ✓	crowd
		28	BARE ✓	
		29	BARE ✓	
		30	BARE ✓	
		31	LITT ✓	
		32	LITT ✓	
		33	BARE ✓	
		34	LITT ✓	
		35	LITT ✓	
		36	LITT ✓	
		37	LITT ✓	
		38	LITT ✓	
		39	BARE ✓	
		40	BARE ✓	

ARFR

~~|||||~~ ~~|||||~~ ~~|||||~~ ||

(21)  
+ 17  
+ 4

CAHE

~~|||||~~ ~~|||||~~ ~~|||||~~

~~|||||~~ ~~|||||~~ ||

(27)  
+ 27

OPPO

~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~  
~~|||||~~ ~~|||||~~ ~~|||||~~ |

32

30

(06)

VUOC

1 28  
48

227  
+ 4  
(231)  
127

STLO

~~|||||~~ ~~|||||~~

~~|||||~~ ~~|||||~~

19  
+ 4 (23)

EREF

||

2

(4)

BOGR

~~|||||~~ ~~|||||~~

1 + 11  
(17)  
+ 6

SPOR

(1)

ARLO

~~|||||~~ ~~|||||~~

|| (12)

AGSM

~~|||||~~ ~~|||||~~ ~~|||||~~

~~|||||~~ ~~|||||~~ ~~|||||~~

~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~

~~|||||~~ ~~|||||~~ ||

78 62  
75

(140)

SPLO

(2)

# BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 7-3-06 Section: 11 Recorder(s): Chris

Done  
///

Circle One Treatment Control,

Inside Outside GU Enclosure,

East West Plot Location Description

## Density Data:

## Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
BOGR	51	1	BARE ✓	
BUDA	9	2	LITT ✓	
ARLO	10	3	LITT ✓	
VUOC	727	4	BARE ✓	
AGSM	53	5	LITT ✓	
OPPO	56	6	AGSM ✓	
ARFR	9	7	LITT ✓	
ATCA	10	8	AGSM ✓	
SPCO	3	9	LITT ✓	
SPCR	4	10	BARE ✓	
		11	BOGR ✓	
		12	LITT ✓	
		13	BARE ✓	
		14	BARE ✓	
		15	BARE ✓	
		16	BARE ✓	
		17	LITT ✓	
		18	LITT ✓	
		19	BOGR ✓	
		20	BOGR ✓	
		21	BOGR ✓	
		22	BARE ✓	
		23	LITT ✓	
		24	LITT ✓	
		25	LITT ✓	
		26	AGSM ✓	
		27	BARE ✓	
		28	BARE ✓	
		29	BARE ✓	
		30	BARE ✓	
		31	DUNG ✓	
		32	AGSM ✓	
		33	BOGR ✓	
		34	LITT ✓	
		35	LITT ✓	
		36	LITT ✓	
		37	BARE ✓	
		38	BARE ✓	
		39	LITT ✓	
		40	LITT ✓	

Done

## BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 7/3/06 Section: 11 Recorder(s): LRH, YankinCircle One: Treatment Control,Inside/Outside GU Exclosure,East/West Plot Location Description

## Density Data:

## Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
ATCA	8	1	BARE ✓	
BOGR	77	2	BARE ✓	
BUDA	11	3	BARE ✓	
ARLO	38	4	LITT ✓	
AGSM	143	5	LITT ✓	
SPCO	17	6	BARE ✓	
UUOC	543	7	LITT ✓	
KOSC	1	8	LITT ✓	
ASOX	1	9	LITT ✓	
OPPO	42	10	BOGR ✓	
ARFR	8	11	UUOC ✓	
EREF	2	12	BARE ✓	
		13	UUOC ✓	
		14	LITT ✓	
		15	BARE ✓	
		16	BARE ✓	
		17	LITT ✓	
		18	BARE ✓	
		19	UUOC ✓	
		20	LITT ✓	
		21	LITT ✓	
		22	UUOC ✓	
		23	LITT ✓	
		24	LITT ✓	
		25	LITT ✓	
		26	UUOC ✓	
		27	ARFR ✓	
		28	BARE ✓	
		29	BARE ✓	
		30	BARE ✓	
		31	LITT ✓	
		32	BOGR ✓	
		33	BARE ✓	
		34	BARE ✓	
		35	BARE ✓	
		36	BARE ✓	
		37	BOGR ✓	
		38	BOGR ✓	
		39	LITT ✓	
		40	BARE ✓	

C

~~ATCA-4~~  
~~VUCC-115~~  
~~AGSM-28~~  
~~BUDA-5~~  
~~SPCO-6~~  
~~EREF-2~~  
~~KOSC-1~~  
~~ARFR-3~~  
  
~~BOGR-5~~

D

~~ATCA-2~~  
~~OPPO-25~~  
~~ARLO-7~~  
~~VUCC-134~~  
~~AGSM-23~~  
~~BUDA-6~~  
~~BOGR-17~~  
~~SPCO-2~~  
~~ASOX-1~~

A

~~AT-2~~  
~~O-17~~  
~~V-294~~  
~~SP-9~~  
~~BO-55~~  
~~AG-82~~  
~~AR-37~~  
~~AR-5~~

ATCA-8  
VUCC-115  
254  
134  

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548  
  
OPPO-17  
25  
40  
  
AGSM-28  
80  
23  

---

143  
  
KOSC-1  
ARFR-8  
ARLO-38  
SPCO-17  
BOGR-55  
5  
17  

---

77  
  
BUDA-11  
ASOX-1  
EREF-2

Done

## BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 7/3/06 Section: 11 Recorder(s): B. HeyCircle One: Treatment Control, Inside/Outside Inside GU Enclosure, East/West West Plot Location Description

## Density Data:

## Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
BOGR	21	1	LITT ✓	
SPCO	3	2	LITT ✓	
AGSM	26	3	LITT ✓	
ATCA	1	4	LITT ✓	
ARER	1	5	BARE ✓	
VUOC	83	6	LITT ✓	
		7	BARE ✓	
		8	LITT ✓	
		9	LITT ✓	
		10	BARE ✓	
		11	LITT ✓	
		12	LITT ✓	
		13	LITT ✓	
		14	VUOC ✓	
		15	AGSM ✓	
		16	AGSM ✓	
		17	LITT ✓	
		18	LITT ✓	
		19	BOGR ✓	
		20	BOGR ✓	
		21	LITT ✓	
		22	BARE ✓	
		23	BARE ✓	
		24	BARE ✓	
		25	BARE ✓	
		26	LITT ✓	
		27	BARE ✓	
		28	BOGR ✓	
		29	BOGR ✓	
		30	BARE ✓	
		31	LITT ✓	
		32	LITT ✓	
		33	VUOC ✓	
		34	LITT ✓	
		35	LITT ✓	
		36	BARE ✓	
		37	SPCO ✓	
		38	BARE ✓	
		39	BARE ✓	
		40	LITT ✓	



$$\textcircled{C} \quad \frac{ATCA}{2} \quad \frac{AGSM}{21} \quad \frac{ARFR}{2} \quad \frac{BOGR}{8} \quad \frac{VUOC}{300}$$

$$\frac{ATCA}{1} \quad \frac{AGSM}{26} \quad \frac{VUOC}{83} \quad \frac{BOGR}{21} \quad \frac{ARFR}{1} \quad \frac{SPCO}{3}$$

$$\textcircled{C} \quad \frac{ATCA}{1} \quad \frac{BOGR}{15} \quad \frac{VUOC}{187} \quad \frac{SPCR}{4} \quad \frac{AGSM}{17} \quad \frac{SPCO}{1}$$

Done

## BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 6-30-06 Section: 11 Recorder(s): Brandy Wilson

Circle One: Treatment/Control

Inside/Outside GU Enclosure,

East/West Plot Location Description

## Density Data:

## Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
VUOC	20	1	BARE ✓	
BOGR	10	2	LITT ✓	
SPCR	13	3	LITT ✓	
ATCA	3	4	BARE ✓	
CRMY	2	5	BARE ✓	
AGSM	3	6	VUOC ✓	
SPCO	3	7	BARE ✓	
		8	LITT ✓	
		9	LITT ✓	
		10	BARE ✓	
		11	LITT ✓	
		12	LITT ✓	
		13	LITT ✓	
		14	BARE ✓	
		15	VUOC ✓	
		16	LITT ✓	
		17	BOGR ✓	
		18	BOGR ✓	
		19	LITT ✓	
		20	BARE ✓	
		21	BARE ✓	
		22	LITT ✓	
		23	LITT ✓	
		24	BOGR ✓	
		25	LITT ✓	
		26	ATCA ✓	
		27	ATCA ✓	
		28	LITT ✓	
		29	LITT ✓	
		30	LITT ✓	
		31	BARE ✓	
		32	BARE ✓	
		33	BARE ✓	
		34	LITT ✓	
		35	LITT ✓	
		36	BARE ✓	
		37	BARE ✓	
		38	VUOC ✓	
		39	BOGR ✓	
		40	LITT ✓	

## BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 7/3/06 Section: SA Recorder(s): LRH, YankinDoneCircle One: Treatment/Control,Inside/Outside GU Enclosure,East/West Plot Location Description

## Density Data:

## Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
BOGR	90	1	CAHE	
SIHY	8	2	LITT	
SPCO	124	3	BARE	
OPPO	52	4	LITT	
ATCA	5	5	OPPO	
CAHE	438	6	BARE	
SAIB	1	7	BARE	
CHAL	3	8	BARE	
		9	BARE	
		10	BARE	
		11	BARE	
		12	BARE	
		13	BARE	
		14	BARE	
		15	BARE	
		16	BARE ✓	
		17	SIHY ✓	
		18	BARE ✓	
		19	BARE ✓	
		20	BARE ✓	
		21	BARE ✓	
		22	BARE ✓	
		23	BARE ✓	
		24	CRWN ✓	
		25	BARE ✓	
		26	BARE ✓	
		27	BOGR ✓	
		28	CRWN ✓	
		29	BOGR ✓	
		30	BARE ✓	
		31	LITT ✓	
		32	BARE ✓	
		33	BARE ✓	
		34	BARE ✓	
		35	BARE	
		36	BARE	
		37	BARE	
		38	BARE	
		39	BARE	
		40	BARE	

A

~~SPCO 61~~  
~~CAHE 124~~  
~~ATCA 2~~  
~~OPPO 22~~  
~~SIH4 6~~  
~~BOGR 5~~  
~~SAIB 1~~

~~BO 70~~  
~~CAHE 232~~  
~~SP 14~~  
~~AT 2~~  
~~OP 6~~  
~~CHAL 3~~

BOGR - 70  
5  
15  
40  
CAHE 232  
124  
82  
438

SPCO - 14  
61  
49  
124

ATCA - 5

SIH4 - 8

OPPO - 22  
24  
6  
52

CHAL - 3  
SAIB - 1

B

~~OPPO 24~~  
~~SIH4 2~~  
~~ATCA 1~~  
~~SPCO 49~~  
~~BOGR 15~~  
~~CAHE 82~~

## BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 7-3-06 Section: 5A Recorder(s): Brandy WilsonDoneCircle One: Treatment/ControlInside/Outside GU Enclosure,East West Plot Location Description

## Density Data:

## Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
ATCA	3	1	BOGR ✓	
OPPO	4	2	LITT ✓	
SPCO	3	3	BARE ✓	
CHEL	10	4	LITT ✓	
CAHE	66	5	BARE ✓	
BOGR	46	6	BARE ✓	
ACSM	7	7	BARE ✓	
		8	LICH ✓	
		9	BARE ✓	
		10	LICH ✓	
		11	BOGR ✓	
		12	BARE ✓	
		13	BARE ✓	
		14	LITT ✓	
		15	LITT ✓	
		16	BOGR ✓	
		17	LITT ✓	
		18	BARE ✓	
		19	BARE ✓	
		20	BARE ✓	
		21	BOGR ✓	
		22	LITT ✓	
		23	LITT ✓	
		24	BARE ✓	
		25	LITT ✓	
		26	ATCA ✓	
		27	ATCA ✓	
		28	BARE ✓	
		29	LITT ✓	
		30	LITT ✓	
		31	CAHE ✓	
		32	BARE ✓	
		33	BOGR ✓	
		34	LITT ✓	
		35	CAHE ✓	
		36	BARE ✓	
		37	LITT ✓	
		38	BARE ✓	
		39	BARE ✓	
		40	LITT ✓	

## BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 7-3-06 Section: 5A Recorder(s): Chris

Done

Circle One: Treatment Control,Inside Outside GU Enclosure,East West Plot Location Description

## Density Data:

## Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
BOGR	34	1	BOGR ✓	
CAHE	47	2	BARZ ✓	
BUDA	—	3	LITT ✓	
SPCO	42	4	BARZ ✓	
SIHY	1	5	BARZ ✓	
OPPO	3	6	LITT ✓	
ATCA	1	7	BOGR ✓	
AGsm	8	8	LITT ✓	
		9	LITT ✓	
		10	LITT ✓	
		11	BARZ ✓	
		12	BARZ ✓	
		13	LITT ✓	
		14	OPPO ✓	
		15	LITT ✓	
		16	BOGR ✓	
		17	BARZ ✓	
		18	CAHE ✓	
		19	BARZ ✓	
		20	BARZ ✓	
		21	BOGR ✓	
		22	LITT ✓	
		23	LITT ✓	
		24	BARZ ✓	
		25	BARZ ✓	
		26	SPCO ✓	
		27	LITT ✓	
		28	BARZ ✓	
		29	BARZ ✓	
		30	LITT ✓	
		31	LITT ✓	
		32	BARZ ✓	
		33	LITT ✓	
		34	BARZ ✓	
		35	LITT ✓	
		36	BOGR ✓	
		37	LITT ✓	
		38	DUNG ✓	
		39	LITT ✓	
		40	BARZ ✓	

## BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 7/3/04 Section: 5A Recorder(s): Emily

D002

Circle One: Treatment ControlInside Outside GU Enclosure,East West Plot Location Description

## Density Data:

## Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
OPPD	4	1	BARE ✓	
<del>SYH</del> SYHY	1	2	BARE ✓	
SPLO	35	3	SPLO ✓	
BOGR	50	4	BARE ✓	
SPUR	5	5	BOGR ✓	
ARLO	1	6	BOGR ✓	
AGSM	52	7	BOGR ✓	
		8	BARE ✓	
		9	BARE ✓	
		10	BARE ✓	
		11	BARE ✓	
		12	BARE ✓	
		13	LITT ✓	
		14	BARE ✓	
		15	SPUR ✓	
		16	SPUR ✓	
		17	BARE ✓	
		18	LITT ✓	
		19	LITT ✓	
		20	LITT ✓	
		21	BARE ✓	
		22	BARE ✓	
		23	BOGR ✓	
		24	BARE ✓	
		25	BARE ✓	
		26	BOGR ✓	
		27	OPPD ✓	
		28	BOGR ✓	
		29	LITT ✓	
		30	LITT ✓	
		31	LITT ✓	
		32	LITT ✓	
		33	BARE ✓	
		34	BARE ✓	
		35	BARE ✓	
		36	BOGR ✓	
		37	BOGR ✓	
		38	LITT ✓	
		39	LITT ✓	
		40	LITT ✓	

SYHY

OPPO

||||

SYHI

|

SPCO

BOGR


SPCO


SPCR

||||

ARLU

|

AGSM




# BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 3 July 2006 Section: 5a Recorder(s): Sean Hauser

Done  
///

Circle One: Treatment (Control)

(Inside) Outside GU Enclosure,

(East) West Plot Location Description

Density Data:

Point of Intercept:

PIC 0039

Species (count)	# of Individuals		Hit	Notes
ATCA	2	1	BOGR ✓	
SPLO	103	2	BARE ✓	
BOGR 11	11	3	LITT ✓	
SPCR 3	3	4	LITT ✓	
CAHE 66	66	5	BOGR ✓	
MATA 1	1	6	LITT ✓	
		7	LICH ✓	
		8	ATCA ✓	
		9	ATCA ✓	
		10	LICH ✓	
		11	BARE ✓	
		12	LITT ✓	
		13	LITT ✓	
		14	LITT ✓	
		15	SPCO ✓	
		16	LITT ✓	
		17	BOGR ✓	
		18	BOGR ✓	
		19	LITT ✓	
		20	LITT ✓	
		21	BOGR ✓	
		22	BARE ✓	
		23	BOGR ✓	
		24	LITT ✓	
		25	BARE ✓	
		26	BOGR ✓	
		27	BARE ✓	
		28	LITT ✓	
		29	LITT ✓	
		30	LITT ✓	
		31	LICH ✓	
		32	LITT ✓	
		33	BARE ✓	
		34	BOGR ✓	
		35	LITT ✓	
		36	LITT ✓	
		37	LITT ✓	
		38	LITT ✓	
		39	LITT ✓	
		40	BOGR ✓	

## BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 7/3/06 Section: SA Recorder(s): B. Lauenroth

Done

Circle One: Treatment Control,Inside Outside GU Enclosure,East West Plot Location Description

## Density Data:

## Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
BOGR	49	1	BARE ✓	
SPCO	161	2	BARE ✓	
KOSC	6	3	BARE ✓	
CHAL	30	4	LITT ✓	
AGSM	2	5	BARE ✓	
SIHV	26	6	BARE ✓	
CAHE	151	7	LITT ✓	
ATCA	6	8	SYHI ✓	
CHLE	4	9	BOGR ✓	
ARFR	1	10	BOGR ✓	
		11	BARE ✓	
		12	BARE ✓	
		13	BARE ✓	
		14	LITT ✓	
		15	LITT ✓	
		16	LITT ✓	
		17	BARE ✓	
		18	BARE ✓	
		19	BARE ✓	
		20	BARE ✓	
		21	BARE ✓	
		22	BARE ✓	
		23	BARE ✓	
		24	BARE ✓	
		25	SPCO ✓	
		26	SPCO ✓	
		27	CAHE ✓	
		28	BARE ✓	
		29	BARE ✓	
		30	BARE ✓	
		31	SPCO ✓	
		32	BARE ✓	
		33	LITT ✓	
		34	LITT ✓	
		35	CAHE ✓	
		36	BARE ✓	
		37	BARE ✓	
		38	LITT ✓	
		39	BOGR ✓	
		40	LITT ✓	

A) ~~KOSC-6~~  
~~SPCO-36~~  
~~BOGR-9~~  
~~CHAL-A~~  
~~ABSM-2~~  
~~SIHV-6~~  
~~CAHE-14~~  
~~ATCA-1~~  
~~CHLE-1~~

B) ~~ARFR-1~~  
~~BOGR-12~~  
~~SPCO-37~~  
~~CAHE-67~~  
~~SIHV-4~~  
~~CHAL-2~~

C) ~~ATCA-1~~  
~~SPCO-35~~  
~~CAHE-38~~  
~~BOGR-13~~  
~~SIHV-5~~

D) ~~SPCO-53~~  
~~BOGR-15~~  
~~SIHV-8~~  
~~CHAL-24~~  
~~CHLE-3~~  
~~CAHE-32~~  
~~ATCA-4~~

SPCO	KOSC	BOGR	CHAL	ABSM
<u>236</u>	<u>6</u>	<u>19</u>	<u>14</u>	<u>2</u>
37		12	2	
35		13	24	
+ 53		T 15	<u>30</u>	
<u>161</u>		<u>49</u>		

SIHV	CAHE	ATCA	CHLE	ARFR
<u>6</u>	<u>214</u>	<u>1</u>	<u>1</u>	<u>1</u>
4	67	1	3	
5	38	2	<u>2</u>	
8	32	<u>6</u>		
<u>26</u>	<u>151</u>			

Done

**BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth**

Date 7-3-04 Section: 5A Recorder(s): BM

Circle One: Treatment/Control,Inside/Outside GU Enclosure,

East/West Plot Location Description

**Density Data:****Point of Intercept:**

54

Species (count)	# of Individuals		Hit	Notes
BOGR	15 + 16	1	BARE ✓	
SIHI	10 + 9	2	BARE ✓	CLUMPS
SPLO	61 + 98	3	BARE ✓	
SPER	4 + 2	4	BARE ✓	
ARLD	1 + 2	5	BARE ✓	
ATCA	1 + 0	6	BARE ✓	very
DDPO	5 + 0	7	BARE ✓	
LICH	2 + 0	8	BARE ✓	Bare
CHLI	1 + 0	9	BARE ✓	
		10	BARE ✓	
		11	LITT ✓	
		12	BARE ✓	
		13	BARE ✓	
		14	BARE ✓	
		15	LITT ✓	
		16	SPLO ✓	
		17	LITT ✓	
		18	LITT ✓	
		19	SIHI ✓	
		20	SIHI ✓	
		21	BARE	
		22	BARE	
		23	BARE	
		24	BARE	
		25	BARE	
		26	BARE	
		27	BARE	
		28	BARE	
		29	BARE	
		30	BARE	
		31	BARE	
		32	BARE	
		33	BARE	
		34	BOGR ✓	
		35	BARE	
		36	BARE	
		37	BARE	
		38	LITT ✓	
		39	BARE	
		40	BARE	

98  
61  
159

# BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 3 July 2006 Section: 5a Recorder(s): AS

DoneCircle One: Treatment Control,Inside Outside GU Enclosure,East West Plot Location Description

## Density Data:

## Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
SPCO	49	1	BARE ✓	
OPPO	41	2	BARE ✓	
ATCA	3	3	BARE ✓	
CAHE	317	4	BOGR ✓	
BOGR 56	56	5	LITT ✓	
AGSM	14	6	LITT ✓	
SAIB	1	7	BOGR ✓	
CHAL	5	8	BARE ✓	
UNKSHORB	1	9	BOGR ✓	
		10	OPPO ✓	
		11	BARE ✓	
		12	BARE ✓	
		13	BARE ✓	
		14	LITT ✓	
		15	LITT ✓	
		16	BARE ✓	
		17	LITT ✓	
		18	LITT ✓	
		19	LITT ✓	dead oppo pad
		20	LITT ✓	
		21	BARE ✓	
		22	LITT ✓	
		23	CAHE ✓	
		24	BARE ✓	
		25	LITT ✓	
		26	BOGR ✓	
		27	BARE ✓	
		28	LITT ✓	
		29	BARE ✓	
		30	BARE ✓	
		31	BARE ✓	
		32	LITT ✓	
		33	BOGR ✓	
		34	BOGR ✓	
		35	LITT ✓	
		36	LITT ✓	
		37	LITT ✓	
		38	BARE ✓	
		39	BOGR ✓	
		40	BOGR ✓	

Artificial  
Inundation

## BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 7/5/06 Section: 5D Recorder(s): B. Gley

Done

Circle One: Treatment/Control, Inside/Outside GU Enclosure, East/West Plot Location Description

## Density Data:

## Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
AGSM	2165	1	BARE ✓	
BOGR	42	2	LITT ✓	
ARFR	37	3	LITT ✓	
CAHE	355	4	LITT ✓	
SPCO	6	5	LITT ✓	
ATCA	1	6	LITT ✓	
MUTO	2	7	LITT ✓	
STHY	4	8	BARE ✓	
ASOX	1	9	BARE ✓	
Unknown Shrub	1	10	ARFR ✓	
		11	LITT ✓	Crown
		12	BARE ✓	
		13	LITT ✓	
		14	BARE ✓	
		15	BARE ✓	
		16	AGSM ✓	
		17	LITT ✓	Crown
		18	BARE ✓	
		19	BARE ✓	
		20	BARE ✓	
		21	LITT ✓	Crown
		22	AGSM ✓	
		23	LITT ✓	
		24	LITT ✓	
		25	BARE ✓	
		26	BOGR ✓	
		27	BOGR ✓	
		28	LITT ✓	Crown
		29	LITT ✓	Crown
		30	LITT ✓	
		31	LITT ✓	
		32	BARE ✓	
		33	BARE ✓	
		34	BARE ✓	
		35	LITT ✓	
		36	BARE ✓	
		37	LITT ✓	Crown
		38	BARE ✓	
		39	BARE ✓	
		40	LITT ✓	

A) ~~AGSM~~ - 93  
~~BOGR~~ - 11  
~~ARFR~~ - 3  
~~CAHE~~ - 77  
~~ATCA~~ - 1  
~~SPCO~~ - 4  
 UNknown Shrub - 1

C) ~~ARFR~~ - 8  
~~BOGR~~ - 8  
~~AGSM~~ - 186  
~~CAHE~~ - 114  
~~MUTO~~ - 2  
~~ASOX~~ - 1  
~~SIHY~~ - 2

B) ~~BOGR~~ 16  
~~ARFR~~ - 6  
~~AGSM~~ - 73  
~~CAHE~~ - 117  
~~SPCO~~ - 2

D) ~~ARFR~~ - 10  
~~AGSM~~ - 113  
~~BOGR~~ - 7  
~~SIHY~~ - 2  
~~CAHE~~ - 47

<u>AGSM</u>	<u>BOGR</u>	<u>ARFR</u>	<u>CAHE</u>	<u>SPCO</u>
293	211	23	1277	4
186	8	8	114	2
73	16	6	117	
113	7	10	147	
<u>465</u>	<u>42</u>	<u>37</u>	<u>353</u>	<u>6</u>

<u>ATCA</u>	<u>MUTO</u>	<u>SIHY</u>	<u>ASOX</u>	<u>unkn Shrub</u>
1	2	4	1	1

# BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 5 July 2006 Section: 5b Recorder(s): AS

Circle One: Treatment/Control,

Inside/Outside GU Enclosure,

East/West Plot Location Description

## Density Data:

## Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
ARFR	8	1	BARE ✓	
EREF	6	2	BARE ✓	
AGSM	134	3	LITT ✓	
CAHE	480	4	BOGR ✓	
SPCO	71	5	BOGR ✓	
ASOX	11	6	LITT ✓	
BOGR	21	7	LITT ✓	
ARLO	5	8	BARE ✓	
SIHY	1	9	LITT ✓	
CHAL	1	10	ARFR ✓	
CHLE	1	11	LITT ✓	
BUDA	23	12	BOGR ✓	
PLPA	1	13	BARE ✓	
		14	BARE ✓	
		15	BARE ✓	
		16	BUDA ✓	
		17	BARE ✓	
		18	SPCO ✓	
		19	ARFR ✓	
		20	BARE ✓	
		21	ARFR ✓	
		22	ARFR ✓	
		23	LITT ✓	
		24	LITT ✓	
		25	BARE ✓	
		26	SPCO ✓	
		27	BOGR ✓	
		28	LITT ✓	
		29	BARE ✓	
		30	BARE ✓	
		31	BARE ✓	
		32	LITT ✓	
		33	BARE ✓	
		34	BARE ✓	
		35	BARE ✓	
		36	LITT ✓	
		37	BARE ✓	
		38	BARE ✓	
		39	BARE ✓	
		40	BARE ✓	

17

78  
120  
165  
127  
490

18



# BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 7-5-06 Section: 5B Recorder(s): Branchy Wilson

*F*  
*Dna*

Circle One: Treatment/Control

Inside/Outside GU Enclosure,

East/West Plot Location Description

## Density Data:

## Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
SPRO	22	1	LITT ✓	Crown
AC75M	78	2	LITT ✓	
ARFR	1	3	LITT ✓	
BOGR	83	4	BARE ✓	
ARLO	1	5	BARE ✓	
		6	LITT ✓	Crown
		7	LITT ✓	Crown
		8	LITT ✓	
		9	BARE ✓	
		10	BARE ✓	
		11	LITT ✓	
		12	LITT ✓	
		13	LITT ✓	Crown
		14	BARE ✓	
		15	LITT ✓	Crown
		16	LITT ✓	Crown
		17	BARE ✓	
		18	BARE ✓	
		19	LITT ✓	
		20	LITT ✓	Crown
		21	BARE ✓	
		22	LITT ✓	Crown
		23	BOGR ✓	
		24	BOGR ✓	
		25	LITT ✓	
		26	LITT ✓	
		27	LITT ✓	Crown
		28	LITT ✓	Crown
		29	LITT ✓	Crown
		30	LITT ✓	Crown
		31	BARE ✓	
		32	BOGR ✓	
		33	LITT ✓	
		34	LITT ✓	
		35	BOGR ✓	
		36	LITT ✓	
		37	BARE ✓	
		38	BOGR ✓	
		39	BARE ✓	
		40	LITT ✓	

## BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 – Bill Lauenroth

Date 7/5/06 Section: 5B Recorder(s): LRH

Done

Circle One: Treatment/ControlInside/Outside GU Exclosure,East/West Plot Location Description

## Density Data:

## Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
BOGR	113	1	BARE ✓	
CREF	4	2	BARE ✓	
SPCO	23	3	BOGR ✓	
CAHE	86	4	BOGR ✓	
HAL	1	5	LITT ✓	Crown
AGOX	1	6	BARE ✓	
		7	BARE ✓	
		8	LITT ✓	Crown
		9	LITT ✓	Crown
		10	BARE ✓	
		11	BARE ✓	
		12	LITT ✓	BOGR
		13	LITT ✓	Crown
		14	LITT ✓	Crown
		15	BARE ✓	
		16	LITT ✓	Crown
		17	LITT ✓	Crown
		18	LITT ✓	BOGR
		19	BARE ✓	
		20	BARE ✓	
		21	LITT ✓	Crown
		22	LITT ✓	Crown
		23	LITT ✓	Crown
		24	LITT ✓	Crown
		25	BARE ✓	
		26	LITT ✓	
		27	LITT ✓	Crown
		28	LITT ✓	Crown
		29	BARE ✓	
		30	BARE ✓	
		31	BOGR ✓	
		32	LITT ✓	
		33	LITT ✓	
		34	LITT ✓	BOGR
		35	BOGR ✓	
		36	BARE ✓	
		37	LITT ✓	Crown
		38	BARE ✓	
		39	BARE ✓	
		40	BARE ✓	

23  
16  
25  
16  
13  
13  
86  
15  
13  
39  
25  
25  
25  
113

17  
16  
33

**BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth**Date 7/5/06 Section: SB Recorder(s): B. GleyDoneCircle One: Treatment/Control,Inside/Outside GN Enclosure,East/West Plot Location Description**Density Data:****Point of Intercept:**

Species (count)	# of Individuals		Hit	Notes
EREF	2	1	BA RE ✓	
AREF	3	2	BOGR ✓	
OPPO	48	3	BA RE ✓	
SPCC	57	4	BOGR ✓	
SPCR	16	5	BA RE ✓	
BOGR	103	6	BA RE ✓	
ATCA	2	7	BA RE ✓	
SIH1	2	8	LITT ✓	
SAIB	1	9	LITT ✓	
AGSM	16	10	LITT ✓	
KOSC	4	11	LITT ✓	
GUSA	5	12	BA RE ✓	
CAHE	3,385	13	LITT ✓	
		14	LITT ✓	Crown
		15	BOGR ✓	
		16	BA RE ✓	
		17	BOGR ✓	
		18	LITT ✓	
		19	BA RE ✓	
		20	BA RE ✓	
		21	LITT ✓	
		22	LITT ✓	
		23	CAHE ✓	
		24	CAHE ✓	
		25	LITT ✓	
		26	CAHE ✓	
		27	BA RE ✓	
		28	BA RE ✓	
		29	BOGR ✓	
		30	LITT ✓	Crown
		31	BA RE ✓	
		32	BOGR ✓	
		33	BOGR ✓	
		34	BOGR ✓	
		35	LITT ✓	
		36	BA RE ✓	
		37	BA RE ✓	
		38	BOGR ✓	
		39	LITT ✓	Crown
		40	LITT ✓	Crown

B N C N ED  
S  
A

31  
22  
12  
+ 30  
103

2 905  
720  
720  
1040  
3385

A) ~~EREF-1~~  
~~ARER-2~~  
~~OPPO-3~~  
~~SPCO-18~~  
~~SPER-6~~  
CAHE-905  
~~BOGE-29~~  
~~AI-CA-2~~  
~~KOSC-1~~

B) ~~SPCO-16~~  
~~ARER-1~~  
~~BOGE-22~~  
CAHE-720  
~~AGSM-2~~  
~~SPCR-7~~  
~~KOSC-1~~  
~~OPPO-22~~  
~~STH-2~~  
SAIB-1

C) ~~BOGE-12~~  
~~SPCO-13~~  
~~OPPO-21~~  
~~GUSA-3~~  
CAHE-720  
~~AGSM-6~~  
~~SPCR-3~~  
~~KOSC-2~~

D) ~~EREF-1~~  
~~OPPO-22~~  
~~GUSA-2~~  
SPCO-12  
CAHE-1040  
~~BOGE-30~~  
~~KOSC-1~~  
AGSM-8

17  
15  
13  
15  
60  
x15  
905  
2600

17 2  
18 17  
16 1040

12  
112  
x60  
720  
13  
10  
14  
+9  
4166  
10  
4  
21

# BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 5 July 2006 Section: 5b Recorder(s): AS

done

Circle One: Treatment/Control,

Inside/Outside GU Exclosure,

East/West Plot Location Description

## Density Data:

## Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
OPPO	25	1	LITT ✓	
CHIVI	1	2	LITT ✓	
SPCO	54	3	LITT ✓	
CAHE	832	4	BARE ✓	
BOGR	53	5	BARE ✓	
EREF	2	6	BARE ✓	
STCO	4	7	BARE ✓	
ARFR	1	8	BARE ✓	
ASRAGAIUS	2	9	BARE ✓	
		10	CAHE ✓	
		11	BARE ✓	
		12	BARE ✓	
		13	BOGR ✓	
		14	LITT ✓	
		15	BARE ✓	
		16	BARE ✓	
		17	LITT ✓	
		18	LITT ✓	
		19	LITT ✓	
		20	LITT ✓	
		21	BARE ✓	
		22	BARE ✓ -	
		23	LITT ✓	
		24	LITT ✓	
		25	BARE ✓	
		26	BARE ✓	
		27	BARE ✓	
		28	BARE ✓	
		29	BARE ✓	
		30	LITT ✓	
		31	LITT ✓	
		32	CAHE ✓	
		33	BARE ✓	
		34	BARE ✓	
		35	BARE ✓	
		36	BARE ✓	
		37	BOGR ✓	
		38	BARE ✓	
		39	BARE ✓	
		40	BARE ✓	

2  
1  
181  
166  
210  
275  
832

# BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 – Bill Lauenroth

Date 7-5-06Section: 5ARecorder(s): Brandy Wilson

Done

Circle One: Treatment ControlInside Outside GU Enclosure,East West Plot Location Description

## Density Data:

## Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
OPPO	48	1	LITT ✓	
ARFR	1	2	LITT ✓	
SPCO	11	3	LITT ✓	
CAME	47	4	LITT ✓	crown
BOGR	105	5	BARE ✓	
AGSM	83	6	BARE ✓	
ARLO	6	7	BARE ✓	
SPCR	5	8	BOGR ✓	
		9	BARE ✓	
		10	BARE ✓	
		11	BARE ✓	
		12	BARE ✓	
		13	BARE ✓	
		14	BARE ✓	
		15	LITT ✓	crown
		16	LITT ✓	crown
		17	BARE ✓	
		18	BARE ✓	
		19	BARE ✓	
		20	LITT ✓	
		21	BARE ✓	
		22	BOGR ✓	
		23	LITT ✓	crown
		24	ARFR ✓	
		25	LITT ✓	
		26	LITT ✓	
		27	OPPO ✓	
		28	LITT ✓	
		29	BARE ✓	
		30	OPPO ✓	
		31	LITT ✓	
		32	LITT ✓	
		33	LITT ✓	crown
		34	LITT ✓	crown
		35	LITT ✓	crown
		36	BARE ✓	
		37	BARE ✓	
		38	BOGR ✓	
		39	LITT ✓	
		40	OPPO ✓	

## BOGR REMOVAL EXPERIMENT DATA SHEET-ARS#155 - Bill Lauenroth

Date 7/5/06 Section: SB Recorder(s): LRH

Done

Circle One: Treatment/ControlInside/Outside GU Enclosure,East/West Plot Location Description

## Density Data:

## Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
SPCO	17	1	BARE ✓	
ASOX	1	2	BARE ✓	
CAHE	389	3	LITT ✓	
BOGR	187	4	LITT Crown	
		5	BOGR ✓	
		6	LITT Crown	
		7	BOGR ✓	
		8	LITT Crown	
		9	LITT ✓	
		10	BARE ✓	
		11	BARE ✓	
		12	LITT ✓	
		13	LITT ✓	
		14	LITT Crown	
		15	BARE ✓	
		16	BOGR ✓	
		17	LITT ✓	
		18	BARE ✓	
		19	BARE ✓	
		20	BOGR ✓	
		21	LITT Crown	
		22	LITT ✓	
		23	LITT ✓	
		24	LITT ✓	
		25	LITT ✓	
		26	BARE ✓	
		27	BOGR ✓	
		28	BARE ✓	
		29	BARE ✓	
		30	LITT ✓	
		31	LITT Crown	
		32	LITT Crown	
		33	LITT ✓	
		34	BOGR ✓	
		35	LITT ✓	
		36	LITT ✓	
		37	LITT ✓	
		38	LITT Crown	
		39	LITT Crown	
		40	LITT Crown	

☒ ☒ ☒ ☒ ☒ ☒

W

$$\begin{array}{r} 2 \\ 65 \\ 60 \\ 50 \\ 29 \\ 87 \\ 80 \\ \hline 389 \end{array}$$

$$\begin{array}{r} 22 \\ 16 \\ \hline 38 \end{array}$$

$$\begin{array}{r} 47 \\ 36 \\ 37 \\ 29 \\ 29 \\ 39 \\ \hline 187 \end{array}$$