

Project Summary Sheet – Year 2000

Project Name Ecosystem response to the removal of the dominant species *Bouteloua gracilis*

Project Number ARS 155

Principal Investigator(s) Bill Lauenroth, Indy Burke, Deb (Coffin) Peters

Dates of Data Collection 26-27 June 2000

Plot Names / Specific Location of study area(s) sections 5A, 5B, 7, 11, 19 and 24
on the Central Plains Experimental Range

Full Names of Data Collectors Nicole Kaplan, Katie Woodmansee, Patrick Ray,

Craig Godman, Jennifer Lee, Zach Deegan

Names of Associated Files and Databases _____

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

For each section (5A, 5B, 7, 11, 19, 24), there is a page of data for each plot type:

1	Control	Inside	East	refers to GU enclosure
2	Control	Inside	West	
3	Control	Outside	East	
4	Control	Outside	West	
5	Treatment	Inside	East	
6	Treatment	Inside	West	
7	Treatment	Outside	East	
8	Treatment	Outside	West	

For each plot, a digital image was taken, density data w/in a m^2 frame was recorded, and point-frame data was recorded.

Questions and Concerns

In what format do you want the digital images (Targa, TIFF)?

Do you want digital images on zip disk or CD?

Do you want 1998 and 1999 data added to the Excel file we made of 1997 and 2000 data?

We have enclosed a copy of the current protocol. Please let us know if you want any changes made.

Date copies of data sheets were sent to PI(s) _____

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

Names of any other persons given copies of data sheets _____

Cr = Crown

BOGR REMOVAL EXPERIMENT DATA

Date: 4/27/00 Section: 5A Recorder(s): K. WoodmanseeCircle One: Treatment Control,Inside Outside GU Exclosure,East West Plot Location Description

Density Data:

Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
SPO	96	1	Bogr	
BOGR	116	2	Bare	
COVE	1	3	Bare	
CAHE	70	4	Bare	
SIHY	4	5	Bare	
Lunk Grass	1	6	Cred Bogr	
		7	Bare	
		8	Litt	
		9	Bare	
		10	Cred Bogr	
		11	Cred Bogr	
		12	Bare	
		13	Bare	
		14	Bare	
		15	Bare	
		16	Bare	
		17	Bare	
		18	Bare	
		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	Bare	
		36	Bare	
		37	Bare	
		38	Bare	
		39	SIHY	
		40	Litt	

BOGR REMOVAL EXPERIMENT DATADate 6/27/00 Section: 5A Recorder(s): K. W. Johnson

Ba = Bare

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	3, 3, 4 = 10	1	Litt	
EREF	1	2	Bare	
SPCO 12- (97)	27, 41, 17, 12	3	Bare	
OPPO (30)	24, 4, 2	4	Bare	
STHY	1	5	Bare	
LEDE	1	6	Bare	
ASOX	2	7	Litt	
		8	Bare	
		9	Bare	
		10	Bare	
		11	Bare	
		12	Bare	
		13	Bare	
		14	Bare	
		15	Bare	
		16	Bogr	
		17	Bare	
		18	Bare	
		19	Bare	
		20	Bare	
		21	Bare	
		22		
		23		
		24		
		25		
		26		
		27		
		28	Litt	
		29	Bare	
		30	Bare	
		31	Bare	
		32		
		33		
		34		
		35		
		36		
		37		
		38		
		39		
		40		

| = Same as above

BOGR REMOVAL EXPERIMENT DATADate 6/27/00 Section: 5A Recorder(s): K. L. HirschCircle One: Treatment/Control,Inside/Outside GU Enclosure,East/West Plot Location Description**Density Data:****Point of Intercept:**

Species (count)	# of Individuals		Hit	Notes
OPPO	6	1	Bare	
AGSM		2	Bare	
BOGR	35	3	Ground of Bogr	
SPCO	98	4	Bare	
CAHE	101	5		
SIHY	1	6		
		7		
		8	BOGR	
		9	Litt	
		10	Bare	
		11	Bare	
		12	Bare	
		13	Bare	
		14	Bare	
		15	Bare	
		16	BOGR	
		17	BOGR	
		18	BOGR	
		19	Litt	
		20	Bare	
		21	CAPOGR	
		22	Bare	
		23	Bare	
		24	Bare	
		25	Bare	
		26	Bare	
		27	BOGR	
		28	Litt	
		29	Litt	
		30	BOGR	
		31	Bare	
		32	Litt	
		33	Bare	
		34	SPCO	
		35	Bare	
		36	BOGR	
		37	Bare	
		38	Bare	
		39	Bare	
		40	Bare	

1 = on the same

BOGR REMOVAL EXPERIMENT DATADate 6/27/00Section: 5ARecorder(s): K. WoodmorseCircle One: Treatment/Control,Inside/Outside GU Enclosure,East/West Plot Location Description**Density Data:****Point of Intercept:**

Species (count)	# of Individuals		Hit	Notes
OPPO	14	1	Rare	
ASOX	2	2		
SPO	161	3		
ENGIR	16	4		
CAHE	48	5		
SIHY	2	6		
ATCA	1	7		
		8		
		9		
		10		
		11	Rare	
		12		
		13		
		14		
		15		
		16		
		17		
		18		
		19	BOGR	
		20	Rare	
		21	Rare	
		22		
		23		
		24		
		25		
		26		
		27		
		28		
		29		
		30		
		31	Rare	
		32		
		33		
		34		
		35		
		36		
		37		
		38		
		39		
		40		

BOGR REMOVAL EXPERIMENT DATADate 6/27/00 Section: 5A Recorder(s): K. Wood/Weiser

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	13	1	Litt	
OPPO	6	2	Litt	
SFCO	34	3	Crop Bogr	
SIMY	6	4	Litt	
AGSM	2	5	Bogr	
ATCA	1	6	Bogr	
		7	Litt	
		8	Crop Bogr	
		9	Bogr	
		10	Litt	
		11	Litt	
		12	Bogr	
		13	Litt	
		14	Litt	
		15	Litt	
		16	Bogr	
		17	Bogr	
		18	Litt	
		19	Bogr	
		20	Bogr	
		21	Litt	
		22	Litt	
		23	Bogr	
		24	Bogr	
		25	Crop Bogr	
		26	AGSM	
		27	Litt	
		28	Litt	
		29	Crop Bogr	
		30	Crop Bogr	
		31	Bogr	
		32	Bogr	
		33	Litt	
		34	Crop Bogr	
		35	Bogr	
		36	Bogr	
		37	Atca	
		38	Litt	
		39	Litt	
		40	Bogr	

BOGR REMOVAL EXPERIMENT DATADate 6/27/00 Section: 5A Recorder(s): Andrew Moore

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	56	1	Crown Bogr	
ARFR	2	2	Crown Bogr	
SPCO	27	3	Litt	
CAHE	75	4	Bogr	
STHU	2	5	Crown Bogr	
COVI	1	6	Bogr	
		7	CAHE	
		8	Bogr	
		9	Crown Bogr	
		10	Bogr	
		11	Crown Bogr	
		12	Bogr	
		13	Litt	
		14	Litt	
		15	Crown Bogr	
		16	Crown Bogr	
		17	Bogr	
		18	Crown Bogr	
		19	Bogr	
		20	Crown Bogr	
		21	Bogr	
		22	Litt	
		23	Crown Bogr	
		24	Crown Bogr	
		25	Crown Bogr	
		26	Litt	
		27	Litt	
		28	Litt	
		29	Crown Bogr	
		30	Bogr	
		31	Bogr	
		32	Bogr	
		33	Bogr	
		34	CR	
		35	Litt	
		36	Litt	
		37	Litt	
		38	ARFR	
		39	Bogr	
		40	Litt	

BOGR REMOVAL EXPERIMENT DATADate 6/27/00 Section: SA Recorder(s): K. Woodmansee

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	3	1	Cr of BOGR	
SPCO	1	2	BOGR	
SPCO	9	3	Cr of BOGR	
BOGR	41	4	Litt	
CAHE	87	5	ARFR	
ARLO	2	6	Litt	
		7	Pace	
		8	Pace	
		9	Pace	
		10	Litt	
		11	Litt	
		12	Cr of BOGR	
		13	Cr of BOGR	
		14	BOGR	
		15	Litt	
		16	Cr of BOGR	
		17	Pace	
		18	Pace	
		19	Litt	
		20	BOGR	
		21	BOGR	
		22	BOGR	
		23	Litt	
		24	BOGR	
		25	Pace	
		26	Pace	
		27	Litt	
		28	BOGR	
		29	Litt	
		30	Litt	
		31	BOGR	
		32	Pace	
		33	Pace	
		34	ARFR	
		35	ARFR	
		36	Cr of BOGR	
		37	Cr of BOGR	
		38	BOGR	
		39	Pace	
		40	Pace	

BOGR REMOVAL EXPERIMENT DATADate 6/27/00 Section: 5A Recorder(s): K. WOODMAN & S. C.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	5	1	Litt	
SIHY	1	2	Base	
BOGR	58	3	Base	
SPCO	23	4	Base	
CAHE	73	5	Litt	
ATEA	1	6	Litt	
		7	BOGR	
		8	Base	
		9	Base	
		10	Base	
		11	Litt	
		12	BOGR	
		13	Litt	
		14	Litt	
		15	Crd BOGR	
		16	Litt	
		17	Litt	
		18	Base	
		19	Base	
		20	Base	
		21	Litt	
		22	Litt	
		23	BOGR	
		24	Crd BOGR	
		25	BOGR	
		26	Base	
		27	Base	
		28	Crd BOGR	
		29	Litt	
		30	Litt	
		31	BOGR	
		32	Base	
		33	Base	
		34	BOGR	
		35	Crd BOGR	
		36	BOGR	
		37	BOGR	
		38	Base	
		39	Litt	
		40	Litt	

BOGR REMOVAL EXPERIMENT DATADate 6/27/00 Section: 50 Recorder(s): K. W. WommarseCircle One: Treatment Control,Inside Outside GU Exclosure,

East/West Plot Location Description

Density Data:**Point of Intercept:**

Species (count)	# of Individuals		Hit	Notes
PLPA	1	1	Bare	
EREF 1,1	2	2	Litt	
Unknown forb	1	3	Litt	
OPPO 2,17,1	20	4	Bare	
STCO 1	1	5	Bare	
STHY 1	1	6	Bare	
SPO 2	2	7	Litt	
Cake 30,54,40,25	149	8	Bare	
Bogr	3 15	9	Bare	
AGSM	3	10	Litt	
ARFR	1	11	Bare	
		12	Bare	
		13	Bare	
		14	Bare	
		15	Bare	
		16	Bare	
		17	Bare	
		18	Bare	
		19	Bare	
		20	Bare	
		21	Litt	
		22	Litt	
		23	Litt	
		24	STHY	
		25	Bare	
		26	Bare	
		27	Bare	
		28	Bare	
		29	Bare	
		30	Bare	
		31	Litt	
		32	Litt	
		33	Litt	
		34	Bogr	
		35	Bare	
		36	Bare	
		37	Bogr	
		38	Litt	
		39	Litt	
		40	Litt	

BOGR REMOVAL EXPERIMENT DATADate 6/27/00 Section: 5C Recorder(s): K. W. Bondman / SeeCircle One: Treatment/Control, Inside/Outside GU Enclosure, East/West Plot Location Description**Density Data:****Point of Intercept:**

Species (count)	# of Individuals		Hit	Notes
AGSM 20, 22, 15, 36	93	1	Base	
ARFR 12, 1, 3, 2	18	2	Base	
SETR 1, 1	2	3	Base	
GRAC 5, 6, 8, 5	24	4	Base	
SPCC 2	2	5	Base	
ASOX 3, 11, 2	16	6	Base	
BONE 4, 1, 1	6	7	Base	
12, 6, 7, 3	28	8	Base	
STCO 1	1	9	Base	
Liin 1	2	10	Base	
		11	ARFR	
		12	Base	
		13	Base	
		14	List	
		15	List	
		16	List	
		17	List	
		18	List	
		19	List	
		20	List	
		21	Base	
		22		
		23		
		24		
		25		
		26		
		27		
		28		
		29		
		30		
		31	Base	
		32		
		33		
		34		
		35		
		36		
		37		
		38		
		39		
		40		

Ba = Bare

BOGR REMOVAL EXPERIMENT DATA

Date 6/27/00 Section: 5B Recorder(s): K. WoodmanseeCircle One: Treatment Control, Inside/Outside GU Exclosure, East/West Plot Location Description

Density Data:

Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
SPCO	160	1	Bare	
POOR	19	2	Bare	
CAHE	168	3	SPCO	
OPPO	9	4	Bare	
SPCR	8	5	Bare	
ARLO	1	6	Bare	
CHAL	2	7	Bogr	
GLUSA	1	8	Bare	
ASOX	1	9	Bare	
		10	Bare	
		11	Bare	
		12	Bare	
		13	Bare	
		14	Bare	
		15	cr - bogr	
		16	Bare	
		17	Bogr	
		18	Bare	
		19	Bare	
		20	Bare	
		21	Bare	
		22	Bare	
		23	Bare	
		24	Bogr	
		25	Bare	
		26	Bare	
		27	Litt	
		28	Bare	
		29	Bare	
		30	Litt	
		31	Bare	
		32	Bare	
		33	Bogr	
		34	Litt	
		35	Bare	
		36	Litt	
		37	Bare	
		38	Litt	
		39	Litt	
		40	Litt	

BOGR REMOVAL EXPERIMENT DATADate 6/27/00 Section: 510 Recorder(s): K. WoodruffCircle One: Treatment/Control,

Inside/Outside GU Enclosure,

East/West Plot Location Description**Density Data:****Point of Intercept:**

Species (count)	# of Individuals		Hit	Notes
CAHE	285	1	Pare	
ERFF	1	2	Litt	
De sp. (primrose)	54	3	Litt	
SPCD	28	4	Pare	
BOGR	14	5	Pare	
ASOV	6	6	Pare	
OPPD	4	7	Pare	
OTCO	1	8	Pare	
		9	Pare	
		10	Pare	
		11	Pare	
		12	Pare	
		13	Pare	
		14	Pare	
		15	Pare	
		16	Pare	
		17	Pare	
		18	Pare	
		19	CAHE	
		20	Pare	
		21	Pare	
		22	Pare	
		23	Pare	
		24	Pare	
		25	Pare	
		26	Litt	
		27	Litt	
		28	Pare	
		29	Pare	
		30	Litt	
		31	Pare	
		32	Pare	
		33	Pare	
		34	Pare	
		35	Pare	
		36	Litt	
		37	Litt	
		38	Litt	
		39	Pare	
		40	Pare	

BOGR REMOVAL EXPERIMENT DATADate 6/27/00 Section: 5B Recorder(s): K. Woodmansee

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	44	1	Litt	
CAHE	180	2	Litt	
ASOX	3	3	Boar	
SFCO	4	4	Litt	
MPDO	5	5	Litt	
		6	Boar	
		7	Boar	
		8	CAHE	
		9	Crab Boar	
		10	Crab Boar	
		11	Litt	
		12	Crab-Boar	
		13	Boar	
		14	Boar	
		15	Litt	
		16	Crab Boar	
		17	Crab Boar	
		18	Boar	
		19	Litt	
		20	Litt	
		21	Crab Boar	
		22	Litt	
		23	Boar	
		24	Crab-Boar	
		25	Litt	
		26	Litt	
		27	Litt	
		28	Boar	
		29	Crab Boar	
		30	Boar	
		31	Boar	
		32	Crab Boar	
		33	Litt	
		34	Boar	
		35	Litt	
		36	Litt	
		37	Litt	
		38	Litt	
		39	Litt	
		40	Litt	

BOGR REMOVAL EXPERIMENT DATA

Date 6/27/00 Section: 57 Recorder(s): K. WoodhouseCircle One: Treatment/ ControlInside/ Outside GU Enclosure,East/ West Plot Location Description

Density Data:

Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
Scbr	58	1	Hit	
ARFR	2	2	Hit	
BOGR	11, 6, 27, 13	3	Hit	
SPCO	3, 3, 5	4	Hit	
OPPO	2	5	Hit	
GUCA	1	6	Crown Boqr	
AGSM	9, 1, 3, 3	7	Boqr	
ARLO	1	8	Hit	
		9	Ba	
		10	Crown Boqr	
		11	Boqr	
		12	Bare	
		13	Hit	
		14	Boqr	
		15	Hit	
		16	Bare	
		17	Bare	
		18	Bare	
		19	Hit	
		20	Hit	
		21	Crown Boqr	
		22	Bare	
		23	Bare	
		24	Bare	
		25	Bare	
		26	Bare	
		27	Bare	
		28	Boqr	
		29	Crown Boqr	
		30	Bare	
		31	Bare	
		32	Bare	
		33	Bare	
		34	Hit	
		35	Hit	
		36	Crown Boqr	
		37	Crown Boqr	
		38	Boqr	
		39	Crown Boqr	
		40	Bare	

$$C_r = C_{r00} \wedge$$

East/West Plot Location Description

Species (count)	# of Individuals		Hit	Notes
BPCO	18	1	Ba-cc	
ROGR	37	2		
GLAO	11	3		
OPPC	9	4		
CAAF	9	5		
LIN	2	6		
		7		
		8		
		9		
		10		
		11	LIT	
		12	LIT	
		13	LIT	
		14	LIT	
		15	Ba-cc	
		16	ROGR	
		17	LIT	
		18	LIT	
		19	LIT	
		20	Ba-cc	
		21	LIT	
		22	LIT	
		23	LIT	
		24	ROGR	
		25	LIT	
		26	LIT	
		27	LIT	
		28	ROGR	
		29	ROGR	
		30	Ba-cc	
		31	Ba-cc	
		32	LIT	
		33	Ba-cc	
		34	Ba-cc	
		35	Ba-cc	
		36	Ba-cc	
		37	ROGR	
		38	LIT	
		39	LIT	
		40	LIT	

Large
Disturbance

Cr=crouch

BOGR REMOVAL EXPERIMENT DATADate 6/27/00 Section: SP Recorder(s): K. Woodmire

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	3	1	Litt	
SPCO	26	2	Litt	
AGISM	64	3	Litt	
BOGR	50	4	Litt	
OPPO	4	5	Boar	
ARLD	2	6	Boar	
ASOX	1	7	Cro Boar	
		8	Boar	
		9	Litt	
		10	Litt	
		11	Boar	
		12	Cro Boar	
		13	Boar	
		14	Litt	
		15	Litt	
		16	Litt	
		17	Cro Boar	
		18	Litt	
		19	Litt	
		20	Litt	
		21	Litt	
		22	Litt	
		23	Litt	
		24	Litt	
		25	Litt	
		26	Boar	
		27	Litt	
		28	Litt	
		29	Boar	
		30	Cro Boar	
		31	Boar	
		32	Cro Boar	
		33	Boar	
		34	Boar	
		35	Boar	
		36	Boar	
		37	Boar	
		38	Boar	
		39	Cro Boar	
		40	Litt	

BOGR REMOVAL EXPERIMENT DATADate 27 June 2000 Section: 7 Recorder(s): NEK, PR, CG, JLCircle One: Treatment Control,Inside/Outside GU Exclosure,East/West Plot Location Description**Density Data:****Point of Intercept:**

Species (count)	# of Individuals		Hit	Notes
Bogr 10, 4, 12, 15	41	1	Bare	
Stco 4, 1	5	2	Bare	
Oppo 10	10	3	Litter	
Eref 2	2	4	Litter	
Liin 2	2	5	Litter	
Spec 1, 2	3	6	Litter	
Carex 30, 3, 11, 7	51	7	Litter	
Arlo 1, 4	5	8	Litter	
Sihu 1, 1, 1	3	9	Bare	
Spot 1, 3, 3	7	10	Litter	
		11	Litter	
		12	Litter	
		13	Bare	
		14	Litter	
		15	Litter	
		16	Bare	
		17	Bare	
		18	Litter	
		19	Litter	
		20	Stco	
		21	Litter	
		22	Litter	
		23	Litter	
		24	Litter	
		25	Litter	
		26	Litter	
		27	Litter	
		28	Litter	
		29	Litter	
		30	Litter	
		31	Bare	
		32	Litter	
		33	Bare	
		34	Bare	
		35	Bare	
		36	Bare	
		37	Litter	
		38	Bare	
		39	Litter	
		40	Litter	

BOGR REMOVAL EXPERIMENT DATA

Date 27 June 2000 Section: 7 Recorder(s): NEK, JLCG, PRCircle One: Treatment/ Control, Inside Outside GU Enclosure, East West Plot Location Description

Density Data:

Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
Gaco 1,1	2	1	Litter	
Oppo 9,3	12	2	Litter	
Stco 1,1	2	3	Litter	
Spcr 2,1,6	9	4	Litter	
Bogr 7,16,6,5	34	5	Litter	
Spcr 8,5,3,2	18	6	Litter	
Carex 5,3,1,7	16	7	Litter	
Saib 1	1	8	Litter	
Arlo 3	3	9	Crown	of Spcr
Sihy 2,1	3	10	Litter	
		11	Litter	
		12	Bare	
		13	Bare	
		14	Bare	
		15	Litter	
		16	Bare	
		17	Bare	
		18	Crown	of Bogr
		19	Litter	
		20	Litter	
		21	Bare	
		22	Bare	
		23	Bare	
		24	Litter	
		25	Bare	
		26	Litter	
		27	Oppo	
		28	Crown	of Bogr
		29	Bare	
		30	Bare	
		31	Bare	
		32	Bare	
		33	Bare	
		34	Bare	
		35	Bare	
		36	Litter	
		37	Litter	
		38	Bogr	
		39	Bare	
		40	Bare	

BOGR REMOVAL EXPERIMENT DATADate 27 June 2000 Section: 7 Recorder(s): NEK, PR, JL, CGCircle One: Treatment Control, Inside Outside GU Enclosure, East West Plot Location Description**Density Data:****Point of Intercept:**

Species (count)	# of Individuals		Hit	Notes
<i>C. villosa</i> 2,3,16,5	26	1	Bare	
<i>Pipa</i> 4,1,3,1,1	10	2	Bare	
<i>Bogr</i> 1,1,5,1,1	9	3	Bare	
<i>Arlo</i> 3,2,5,1,5	16	4	Bare	
<i>Soco</i> 13,22,9,8	52	5	Bare	
<i>Oppo</i> 4	4	6	Crown	of Bogr
<i>Socr</i> 10,5,7,4,1	27	7	Bare	
<i>Plata</i> 2	2	8	Bare	
<i>Oael</i> 2	2	9	Bare	
<i>Carex</i> 2	2	10	Bare	
<i>Lede</i> 1,1	2	11	Bare	
<i>Vuoc</i> 1	1	12	Bare	
<i>Sihy</i> 1	1	13	Bare	
		14	Litter	
		15	Bare	
		16	Crown	of Socr
		17	Bare	
		18	Bare	
		19	Litter	
		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	Bare	
		36	Bare	
		37	Bare	
		38	Bare	
		39	Bare	
		40	Bare	

BOGR REMOVAL EXPERIMENT DATADate 27 June 2000 Section: 7 Recorder(s): NEK, JL, CG, PRCircle One: Treatment Control,Inside Outside GU Enclosure,East West Plot Location Description**Density Data:****Point of Intercept:**

Species (count)	# of Individuals		Hit	Notes
Arlo 10, 4, 2, 6	22	1	Bare	*small mammal disturbance
Opus 2, 2, 3	25	2	Bare	
Sdo 1	1	3	Bare	
Spr. 7, 14, 7, 4	32	4	Bare	
Sihy 1	1	5	Bare	
Spr. 7, 9, 3, 6, 1, 1	27	6	Bare	
Plpa 2, 1, 1, 1, 1, 2, 1, 1	10	7	Litter	
Carex 22, 7, 1	30	8	Litter	
Saib 1	1	9	Bare	
Bogr 4, 2, 4	10	10	Bare	
Sepa 1	1	11	Bare	
Lede 1	1	12	Bare	
		13	Bare	
		14	Litter	
		15	Bare	
		16	Bare	
		17	Bare	
		18	Bare	
		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	Bare	
		36	Bare	
		37	Bare	
		38	Bare	
		39	Bare	
		40	Bare	

BOGR REMOVAL EXPERIMENT DATADate 27 June 2000Section: 7Recorder(s): NEK, PR, CG, JLCircle One: Treatment/Control,Inside/Outside GU Enclosure,

East/West Plot Location Description

9 SOUTH**Density Data:****Point of Intercept:**

Species (count)	# of Individuals		Hit	Notes
<u>Opdo</u> 10, 11, 9, 10	<u>50</u>	1	<u>Bare</u>	
<u>Atlo</u> 2, 2	<u>4</u>	2	<u>Bare</u>	
<u>Spco</u> 11, 8, 10, 9	<u>38</u>	3	<u>Bare</u>	
<u>Bogr</u> 7, 9, 7, 11	<u>34</u>	4	<u>Bogr</u>	
<u>Carex</u> 55, 65, 18, 50	<u>188</u>	5	<u>Bare</u>	
<u>Socr</u> 1, 2, 1	<u>4</u>	6	<u>Bare</u>	
<u>Stco</u> 2	<u>2</u>	7	<u>Carex</u>	
<u>Sihy</u> 1	<u>1</u>	8	<u>Litter</u>	
		9	<u>Litter</u>	
		10	<u>Bare</u>	
		11	<u>Opdo</u>	
		12	<u>Litter</u>	
		13	<u>Bare</u>	
		14	<u>Litter</u>	
		15	<u>Bare</u>	
		16	<u>Bare</u>	
		17	<u>Bare</u>	
		18	<u>Bare</u>	
		19	<u>Litter</u>	
		20	<u>Bare</u>	
		21	<u>Bare</u>	
		22	<u>Bare</u>	
		23	<u>Bare</u>	
		24	<u>Bare</u>	
		25	<u>Bare</u>	
		26	<u>Litter</u>	
		27	<u>Bare</u>	
		28	<u>Bare</u>	
		29	<u>Bare</u>	
		30	<u>Litter</u>	
		31	<u>Bare</u>	
		32	<u>Bare</u>	
		33	<u>Bare</u>	
		34	<u>Bare</u>	
		35	<u>Litter</u>	
		36	<u>Crown</u>	<u>of Bogr</u>
		37	<u>Bare</u>	
		38	<u>Bare</u>	
		39	<u>Bare</u>	
		40	<u>Bare</u>	

BOGR REMOVAL EXPERIMENT DATA

Date 27 June 2000 Section: 7 Recorder(s): NEK, JL, CG, PR

170

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

Density Data:

Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
2 Arlo 3,3,4,8,1,1,2	22	1	Bare	
2 Aspm 2,1,5,	8	2	Bare	
Carex 20,25,30,25	100	3	Litter	
4 SPCO 5,1,1,4	11	4	Litter	
Gusa'	1	5	Litter	
4 STCO 4,4,1,1	10	6	Bare	
6 SPOR 9,4,1	14	7	Bare	
Lin'	1	8	Bare	
1 Bogr 9,9,4,4	26	9	Litter	
5 Sopa'	1	10	Bare	
		11	Bare	
		12	Litter	
		13	Litter	
		14	Litter	
		15	Litter	
		16	Litter	
		17	Bare	
		18	Bare	
		19	Litter	
		20	Bare	
		21	Bare	
		22	Bare	
		23	Bare	
		24	Bare	
		25	Bare	
		26	Bare	
		27	Bare	
		28	Bare	
		29	Bare	
		30	Bare	
		31	Litter	
		32	Bare	
		33	Litter	
		34	Litter	
		35	Litter	
		36	Arlo	
		37	Litter	
		38	Bare	
		39	Bare	
		40	Bare	

24 Bare
1 Arlo
15 Litter

BOGR REMOVAL EXPERIMENT DATA

Date 27 June 2000 Section: 7 Recorder(s): NEK, PR, JL, CGCircle One: Treatment ControlInside Outside GU Enclosure,East West Plot Location Description
4 NORTH

Density Data:

Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
<i>Opop</i> 13,4,14,1	32	1	Crown	of Stco
<i>Bogr</i> 16,10,12,20	58	2	Bare	
<i>Stco</i> 2,1,3,1	7	3	Bare	
<i>Sihy</i> 1,1	2	4	Stco	
<i>Carex</i> 1,30,39,25	95	5	Bare	
<i>Stco</i> 1,10,2	13	6	Crown	of Bogr
		7	Crown	of Bogr
		8	Litter	
		9	Bare	
		10	Bare	
		11	Bare	
		12	Bare	
		13	Litter	
		14	Bare	
		15	Bogr	
		16	Bare	
		17	Bare	
		18	Bare	
		19	Litter	
		20	Bogr	
		21	Bare	
		22	Bare	
		23	Litter	
		24	Bare	
		25	Bare	
		26	Bare	
		27	Bare	
		28	Crown	of Bogr
		29	Bare	
		30	Litter	
		31	Crown	of Bogr
		32	Sihy	
		33	Litter	
		34	Bare	
		35	Bare	
		36	Litter	
		37	Bare	
		38	Bare	
		39	Bare	
		40	Litter	

2 Stco
6 Bogr
8 Litter
1 Sihy
23 Bare

BOGR REMOVAL EXPERIMENT DATA

Date 27 June 2000 Section: 7 Recorder(s): NEK, PR, JL, CGCircle One: Treatment/Control,Inside/Outside GU Exclosure,East/West Plot Location Description: E NORTH

Density Data:

Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
Spr 9, 6, 10, 4 -	30	1	Bare	Some small mammal disturbance in the plot.
Arlo 3, 9, 0, 5 -	23	2	Bare	
Scpa 1, 1, 2 -	4	3	Bare	
Spr 3, 5, 1, 3	12	4	Bare	
Lin 1, 1, 1	3	5	Litter	
Bogr 2, 3, 9, 1 +	15	6	Litter	
Plpa 1	1	7	Bare	
Carex 2	2	8	Bare	
Sihy 1 -	1	9	Bare	
Stcd 1, 1 -	2	10	Bare	
		11	Bare	
		12	Bare	
		13	Bare	
		14	Crown of Arlo	
		15	Bare	
		16	Bare	
		17	Bare	
		18	Bare	
		19	Bare	
		20	Bare	
		21	Bare	
		22	Bare	
		23	Bare	
		24	Bare	
		25	Bare	
		26	Scpa	
		27	Bare	
		28	Bare	
		29	Litter	
		30	Litter	
		31	Litter	
		32	Bare	
		33	Spr	
		34	Bare	
		35	Bare	
		36	Bare	
		37	Litter	
		38	Bare	
		39	Litter	
		40	Litter	

29 Bare
8 Litter
1 Arlo
1 Spr
1 Scpa

15 Arlo

BOGR REMOVAL EXPERIMENT DATADate 27 June 2000 Section: 11 Recorder(s): NEK, JL, CG, PRCircle One: Treatment/Control,Inside Outside GU Enclosure,East West Plot Location Description**Density Data:****Point of Intercept:**

Species (count)	# of Individuals		Hit	Notes
Eref 1	1	1	Bare	
Artr 1,4,4,10,1	20	2	Bogr	
Arlo 2	2	3	Bare	
Oppo 7,22	29	4	Bare	
Hgsm 2,1,2,12,7	52	5	Bare	
SPCD 1,3,3,2	9	6	Bare	
Bogr 10,4,8,3	25	7	Bare	
C. Villosa 7,1,1	9	8	Bare	
Gaco 1,1,1	3	9	Bare	
Ocal 1	1	10	Bare	
		11	Litter	
		12	Bare	
		13	Bare	
		14	Bare	
		15	Bare	
		16	Artr	
		17	Bare	
		18	Bare	
		19	Bare	
		20	Bare	
		21	Litter	
		22	Litter	
		23	Litter	
		24	Bare	
		25	Bare	
		26	Bare	
		27	Bare	
		28	Litter	
		29	Bare	
		30	Bare	
		31	Bare	
		32	Bare	
		33	Bare	
		34	Bare	
		35	Litter	
		36	Litter	
		37	Litter	
		38	Litter	
		39	Litter	
		40	Litter	

BOGR REMOVAL EXPERIMENT DATA

Date 27 June 2000 Section: 11 Recorder(s): NEK, JL, CG, PRCircle One: Treatment/Control,Inside Outside GU Enclosure,

East/West Plot Location Description

Density Data:

Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
Artr 5, 4, 8, 10	27	1	Bare	
Eref 2, 1, 1	4	2	Bare	
Agsm 15, 27, 14, 8	64	3	Bare	
Stcp 2, 1, 1	4	4	Bare	
Orat 1	1	5	Bare	
Bogr 1, 2, 1	4	6	Bare	
		7	Litter	
		8	Litter	
		9	Litter	
		10	Crown of Artr	
		11	Bare	
		12	Bare	
		13	Bare	
		14	Bare	
		15	Bare	
		16	Litter	
		17	Litter	
		18	Litter	
		19	Bare	
		20	Bare	
		21	Litter	
		22	Litter	
		23	Bare	
		24	Bare	
		25	Bare	
		26	Bare	
		27	Bare	
		28	Litter	
		29	Litter	
		30	Litter	
		31	Artr	
		32	Litter	
		33	Bare	
		34	Litter	
		35	Litter	
		36	Bare	
		37	Bare	
		38	Bare	
		39	Bare	
		40	Bare	

BOGR REMOVAL EXPERIMENT DATA

Date 27 June 2000Section: 11Recorder(s): NEK, PR, CG, JLCircle One: Treatment/Control,Inside/Outside GU Enclosure,

East/West Plot Location Description

Density Data:

Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
Artr 8, 11, 83	30	1	Litter	
Agsm 10, 3, 17, 7, 11	48	2	Litter	
Spco 13, 17, 1, 1	35	3	Bare	
Bogr 2, 1, 1, 5, 7, 8	24	4	Bare	
Ar10 1, 1	2	5	Bare	
Atca 1	1	6	Litter	
Tapa 3	3	7	Litter	
Pipa 1	1	8	Bare	
		9	Bare	
		10	Bare	
		11	Bare	
		12	Bare	
		13	Bare	
		14	Bare	
		15	Bare	
		16	Bare	
		17	Bare	
		18	Bare	
		19	Litter	
		20	Litter	
		21	Litter	
		22	Litter	
		23	Litter	
		24	Bare	
		25	Litter	
		26	Bare	
		27	Litter	
		28	Litter	
		29	Litter	
		30	Artr	
		31	Bare	
		32	Bare	
		33	Bare	
		34	Bare	
		35	Crop	of Artr
		36	Litter	
		37	Bare	
		38	Litter	
		39	Litter	
		40	Litter	

BOGR REMOVAL EXPERIMENT DATADate 27 June 2000 Section: 11 Recorder(s): NEK, CG, JL, PRCircle One: Treatment/Control,Inside/Outside GU Enclosure,East/West Plot Location Description**Density Data:****Point of Intercept:**

Species (count)	# of Individuals		Hit	Notes
Artr 5,3,5,4	15	1	Bare	
Spod 4,13,24,8,3,3	57	2	Bare	
Ansm 9,17,9	35	3	Bare	
Allox 1	1	4	Bare	
Bogr 2,4,1,1	8	5	Bare	
GACO 3	3	6	Bare	
		7	Bare	
		8	Bare	
		9	Bare	
		10	Bare	
		11	Bare	
		12	Bare	
		13	Bare	
		14	Bare	
		15	Bare	
		16	Bare	
		17	Bare	
		18	Bare	
		19	Bare	
		20	Bare	
		21	Bare	
		22	Bare	
		23	Bare	
		24	Bare	
		25	Bare	
		26	Bare	
		27	Litter	
		28	Litter	
		29	Litter	
		30	Litter	
		31	Litter	
		32	Litter	
		33	Litter	
		34	Litter	
		35	Artr	
		36	Litter	
		37	Litter	
		38	Bare	
		39	Litter	
		40	Bare	

BOGR REMOVAL EXPERIMENT DATADate 27 June 2000 Section: 11 Recorder(s): NEK, JL, CG, PRCircle One: Treatment ControlInside Outside GU Enclosure,East West Plot Location Description**Density Data:****Point of Intercept:**

Species (count)	# of Individuals		Hit	Notes
<i>Asox</i> 1, 1, 2	4	1	Litter	Small mammal disturbance = gopher digging.
<i>Opod</i> 20, 1, 2, 40, 1	64	2	Litter	
<i>Artir</i> 1, 1, 6	8	3	Litter	mule deer spotted
<i>Spco</i> 1, 4	5	4	Litter	
<i>Bogr</i> 4, 12, 12, 1, 10	39	5	Bare	
<i>Agsm</i> 3, 1, 1, 1	6	6	Litter	
		7	Bare	
		8	Bare	
		9	Litter	
		10	Litter	
		11	Bare	
		12	Bare	
		13	Bare	
		14	Bare	
		15	Bare	
		16	Bare	
		17	Litter	
		18	Bare	
		19	Bare	
		20	Bare	
		21	Bare	
		22	Bare	
		23	Bare	
		24	Bare	
		25	Bare	
		26	Bare	
		27	Litter	
		28	Litter	
		29	Litter	
		30	Bare	
		31	Bare	
		32	Bare	
		33	Bare	
		34	Bare	
		35	Bare	
		36	Litter	
		37	Litter	
		38	Bare	
		39	Litter	
		40	Bare	

BOGR REMOVAL EXPERIMENT DATADate 27 June 2000 Section: 11 Recorder(s): NEK, PR, CG, JLCircle One: Treatment/Control, ☒Inside/Outside ☒ GU Enclosure,☒ East/West Plot Location Description**Density Data:****Point of Intercept:**

Species (count)	# of Individuals		Hit	Notes
<i>Soco</i> 1,2,1,3,2	9	1	Litter	
<i>Antr</i> 3,5,6,3	17	2	Bare	
<i>Atca</i> 1	1	3	Litter	
<i>Agsm</i> 7,1,3,3,8,8,1,3	43	4	Bare	
<i>Arlo</i> 1,2,5	8	5	Bare	
<i>Socr</i> 1,2,2	5	6	Bare	
<i>Bogr</i> 8,15,12,8	43	7	Bare	
<i>Orat</i> 1,1,1	3	8	Litter	
		9	Litter	
		10	Litter	
		11	Litter	
		12	Litter	
		13	Crown	of Bogr
		14	Litter	
		15	Litter	
		16	Crown	of Bogr
		17	Litter	
		18	Litter	
		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	Litter	
		32	Litter	
		33	Litter	
		34	Litter	
		35	Bare	
		36	Litter	
		37	Bare	
		38	Bare	
		39	Crown	of Bogr
		40	Crown	of Bogr

BOGR REMOVAL EXPERIMENT DATADate 27 June 2000 Section: 11 Recorder(s): NEK, CG, JL, PRCircle One: Treatment/ Control, Inside Outside GU Enclosure, East West Plot Location Description**Density Data:****Point of Intercept:**

Species (count)	# of Individuals		Hit	Notes
Atca 1	1	1	Bare	
Arlo 3,6	9	2	Bare	
Artr 1,1,4,2	8	3	Litter	
Bogr 10,9,6,9	34	4	Bare	
Abgm 26,16,14,12	68	5	Litter	
Oppo 3	3	6	Crown	of Bogr
Soco 8	8	7	Litter	
Asox 1	1	8	Litter	
Deal 1,5	6	9	Litter	
		10	Bare	
		11	Litter	
		12	Litter	
		13	Litter	
		14	Litter	
		15	Litter	
		16	Litter	
		17	Litter	
		18	Litter	
		19	Litter	
		20	Litter	
		21	Litter	
		22	Litter	
		23	Bogr	
		24	Litter	
		25	Litter	
		26	Bogr	
		27	Crown	of Bogr
		28	Litter	
		29	Litter	
		30	Litter	
		31	Litter	
		32	Litter	
		33	Litter	
		34	Litter	
		35	Litter	
		36	Litter	
		37	Litter	
		38	Litter	
		39	Litter	
		40	Litter	

BOGR REMOVAL EXPERIMENT DATA

Date 27 June 2000 Section: 11 Recorder(s): NEK, JL, CG, PR

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 2,4	6	1	Litter	
Atca 1	1	2	Litter	
Stco 2,1,1	4	3	Litter	
Agsm 9,20,6,4,3	42	4	Litter	
Bogr 3,13,15,5	36	5	Bare	
Chvi 1	1	6	Litter	
Arfr 1	1	7	Bare	
Arlo 1	1	8	Litter	
Gaco 1	1	9	Litter	
		10	Litter	
		11	Bogr	
		12	Crown of Bogr	
		13	Bare	
		14	Litter	
		15	Litter	
		16	Litter	
		17	Litter	
		18	Litter	
		19	Litter	
		20	Litter	
		21	Litter	
		22	Atca	
		23	Litter	
		24	Litter	
		25	Litter	
		26	Litter	
		27	Litter	
		28	Litter	
		29	Litter	
		30	Litter	
		31	Litter	
		32	Litter	
		33	Litter	
		34	Bogr	
		35	Litter	
		36	Litter	
		37	Litter	
		38	Bogr	
		39	Litter	
		40	Litter	

BOGR REMOVAL EXPERIMENT DATA

Date 26 June 2000Section: 19Recorder(s): NEK, KM, PR, ZD.Circle One: Treatment (Control)(Inside) Outside GU Enclosure,East/West (West) Plot Location Description

Density Data:

Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
Spc0 5,4,6,2	17	1	Liter	
Arlo 1,1	2	2	Liter	
Spcr 1	1	3	Buda	
Bogr 8,13,25	54	4	Liter	
Stco 1,1	2	5	Crown	
Oppo 26,12,7,9	54	6	Buda	
Sihy 4,1,1	6	7	Bare	
Carex 15,15,3	33	8	Liter	
		9	Liter	
		10	Liter	
		11	Oppo	
		12	Liter	
		13	Buda	
		14	Liter	
		15	Sihy	
		16	Liter	
		17	Sihy	
		18	Crown	of Sihy
		19	Liter	
		20	Liter	
		21	Liter	
		22	Liter	
		23	Oppo	
		24	Bare	
		25	Liter	
		26	Liter	
		27	Liter	
		28	Liter	
		29	Liter	
		30	Liter	
		31	Liter	
		32	Bare	
		33	Bare	
		34	Bare	
		35	Bare	
		36	Liter	
		37	Liter	
		38	Bare	
		39	Liter	
		40	Bogr	

BOGR REMOVAL EXPERIMENT DATA

Date 26 June 2000 Section: 19 Recorder(s): NEK, PR, ZD, KMCircle One: Treatment ControlInside Outside GU Exclosure,East West Plot Location Description

Density Data:

Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
Ardr 1	1	1	Crown	of Bogr
Aclo	NONE	2	Bare	
Stco 5,2,7,4	18 ✓	3	Crown	of Bogr
Sihy 1,1	2 ✓	4	Crown	of Bogr
Bogr 11,11,15,12	49 ✓	5	Litter	
Oppo 6	6 ✓	6	Litter	
Soco 3,1	4 ✓	7	Litter	
Os spp 1 (primrose)	1 ✓	8	Bare	
Spcr 5,2,2,2	11 ✓	9	Bare	
		10	Bare	
		11	Crown	of Bogr
		12	Litter	
		13	Crown	of Bogr
		14	Litter	
		15	Bare	
		16	Bare	
		17	Bogr	
		18	Bogr	
		19	Litter	
		20	Litter	
		21	Litter	
		22	Litter	
		23	Litter	
		24	Bare	
		25	Litter	
		26	Bare	
		27	Crown	of Spcr
		28	Litter	
		29	Litter	
		30	Litter	
		31	Litter	
		32	Litter	
		33	Bare	
		34	Bogr	
		35	Bare	
		36	Bare	
		37	Stco	
		38	Litter	
		39	Litter	
		40	Litter	

BOGR REMOVAL EXPERIMENT DATA

Date 26 June 2006 Section: 19 Recorder(s): NEK, KM, PR, ZD.Circle One: Treatment Control,Inside/ Outside GU Enclosure,East/ West Plot Location Description

Density Data:

Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
<i>Gaco</i> 2,1	3	1	Litter	
<i>Acid</i> 1,1,2	4 -	2	Litter	
<i>Stea</i>	NONE	3	Litter	
<i>Soco</i> 3,10,3,10	26	4	Litter	
<i>Bogr</i> 10,12,0,11	39 ✓	5	Litter	
<i>Adsm</i> 15,7	22 -	6	Litter	
<i>Sihu</i> 2,1,1	4 -	7	Litter	
<i>Soco</i> 5	5 -	8	Bare	
<i>Lede</i> 1	1	9	Litter	
<i>Carex</i> 3	3	10	Crown	of Bogr
		11	Litter	
		12	Litter	
		13	Litter	
		14	Bare	
		15	Litter	
		16	Socr	
		17	Litter	
		18	Litter	
		19	Litter	
		20	Bare	
		21	Bogr	
		22	Crown of	Bogr
		23	Bare	
		24	Litter	
		25	Litter	
		26	Litter	
		27	Bogr	
		28	Litter	
		29	Litter	
		30	Litter	
		31	Bare	
		32	Crown of	Bogr
		33	Litter	
		34	Litter	
		35	Bare	
		36	Bogr	
		37	Bogr	
		38	Litter	
		39	Litter	
		40	Litter	

BOGR REMOVAL EXPERIMENT DATA

Date 26 June 2008 Section: 19Recorder(s): VEK, KM, PR, ZDCircle One: Treatment ControlInside/Outside Outside GU Enclosure,East/West Plot Location Description

Density Data:

Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
Eref 5	5	1	Litter	
Bogr 3,8,8,11 -	30	2	Litter	
StHy 11 -	11	3	Litter	
Spr 10,9,9	34	4	Litter	
Lede 1	1	5	Bare	
Spr 5,6,7 -	18	6	Litter	
Stco 1,1 -	2	7	Bare	
		8	Litter	
		9	Litter	
		10	Litter	
		11	Litter	
		12	Litter	
		13	Litter	
		14	Litter	
		15	Litter	
		16	Litter	
		17	Litter	
		18	Litter	
		19	Bogr	
		20	Litter	
		21	Litter	
		22	Litter	
		23	Litter	
		24	Litter	
		25	Litter	
		26	Litter	
		27	Litter	
		28	Litter	
		29	Litter	
		30	Litter	
		31	Spr	
		32	Bare	
		33	Spr	
		34	Litter	
		35	Litter	
		36	Litter	
		37	Litter	
		38	Bogr	
		39	Litter	
		40	Litter	

BOGR REMOVAL EXPERIMENT DATA

Date 26 Jun 2000 Section: 19 Recorder(s): NEK, Z.D., P.R. K.M.Circle One: Treatment/Control, Inside/Outside GU Enclosure, East/West Plot Location Description

Density Data:

Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
Anlo 1,1	2	1	Bare	
Anlr 1,1	2	2	Bare	
oppo 1,8	9	3	Litter	
Plpa 1,4,1,1	7	4	Bagr	
Spro 8,9,15,7	39	5	Crown	of Bagr
Bagr 3,5,4	12	6	Rabbit feces	pellets
Carex 2,5,14,13	97	7	Bare	
Spr 8,2,4	14	8	Bare	
Sihy 2,1	3	9	Litter	
Stce 1,1,1	3	10	Litter	
		11	Bare	
		12	Bare	
		13	Bare	
		14	Litter	
		15	Litter	
		16	Litter	
		17	Litter	
		18	Litter	
		19	Litter	
		20	Litter	
		21	Bare	
		22	Bare	
		23	Litter	
		24	Litter	
		25	Bare	
		26	Litter	
		27	Bare	
		28	Bare	
		29	Litter	
		30	Litter	
		31	Bare	
		32	Bare	
		33	Bare	
		34	Bare	
		35	Bare	
		36	Bare	
		37	Bagr	
		38	Bagr	
		39	Litter	
		40	Carex	

BOGR REMOVAL EXPERIMENT DATA

Date 26 June 2000 Section: A Recorder(s): NEK, KM, ZD, PRCircle One: Treatment/Control,Inside/Outside GU Enclosure,East West Plot Location Description

Density Data:

Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
Stco 6,2,3,5,4	20	1	stco	
Coca 4,1,1	6 x	2	Liter	
Asox 1	1 x	3	Liter	
Bogr 1,1,1,7	10	4	Liter	
Arto 1,2,2	5	5	Oppo	
Oppo 19,11,3,10,3	46 ✓	6	stco	
Spco 1	1 x	7	Oppo	
Sihy 1	1	8	Crown	oppo (dead)
Spot 2,3,3	8	9	Crown	Bogr
		10	Liter	
		11	Liter	
		12	stco	
		13	Bare	
		14	Bare	
		15	Bare	
		16	Bare	
		17	Bare	
		18	Liter	
		19	Bare	
		20	Bare	
		21	Liter	
		22	Liter	
		23	Bogr	
		24	Liter	
		25	Liter	
		26	Liter	
		27	Liter	
		28	Liter	
		29	Bare	
		30	Bare	
		31	Bare	
		32	Liter	
		33	Liter	
		34	Bare	
		35	Bare	
		36	Bare	
		37	Bare	
		38	Bare	
		39	Bare	
		40	Liter	

BOGR REMOVAL EXPERIMENT DATA

Date 26 June 2000 Section: 19 Recorder(s): NEK, ZD, KM, PRCircle One: Treatment/Control,Inside/Outside GU Enclosure,East/West Plot Location Description

Density Data:

Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
OCO 8,2,11,7,1	29	1	Litter	
Sihy 8,3,3 —	14	2	Litter	
SPO 3,11,10,9	33	3	Litter	
Spr 9,12,15,5 —	41	4	Litter	
Bogr 6,1,2,4 —	13	5	Litter	
Arlo ' —	1	6	Litter	
		7	Litter	
		8	Litter	
		9	Spr	
		10	Litter	
		11	Litter	
		12	Litter	
		13	Litter	
		14	Litter	
		15	Litter	
		16	Litter	
		17	Litter	
		18	Bare	
		19	Litter	
		20	Litter	
		21	Litter	
		22	Bare	
		23	Bare	
		24	Litter	
		25	Litter	
		26	Litter	
		27	Bare	
		28	Bare	
		29	Bare	
		30	Litter	
		31	Bare	
		32	Litter	
		33	Litter	
		34	Bogr	
		35	Litter	
		36	Bare	
		37	Litter	
		38	Bare	
		39	Litter	
		40	Bare	

BOGR REMOVAL EXPERIMENT DATA

Date 26 June 2000 Section: 19 Recorder(s): NEK, PR, ZD, KMCircle One: Treatment/Control,Inside/Outside GU Exclosure,East/West Plot Location Description

Density Data:

Point of Intercept:

Species (count)	# of Individuals		Hit	Notes
Stco 5,4,5,2,2,1,2	22	1	Litter	
Sihy 2,4,1	7	2	Litter	
Spco 3,3,1,2	24	3	Litter	
Socr 1,5,4	10	4	Litter	
Buda 2,2	4	5	Bare	
Agsm 1	1	6	Litter	
Bogr 2,3,1	6	7	Litter	
		8	Bare	
		9	Bare	
		10	Bare	
		11	Bare	
		12	Bare	
		13	Bare	
		14	Bare	
		15	Bare	
		16	Litter	
		17	Bare	
		18	Bare	
		19	Litter	
		20	Litter	
		21	Litter	
		22	Stco	
		23	Litter	
		24	Litter	
		25	Litter	
		26	Bare	
		27	Bare	
		28	Litter	
		29	Bare	
		30	Bare	
		31	Litter	
		32	Litter	
		33	Litter	
		34	Bare	
		35	Bare	
		36	Bare	
		37	Bare	
		38	Litter	
		39	Litter	
		40	Bare	

BOGR REMOVAL EXPERIMENT DATA

Date 26 June 2000 Section: 24 Recorder(s): J. Lee, K. WoodmanseeTreatment: Control (circle one)

Inside/Outside GU Enclosure (circle one)

Plot Location Description: EASTZ. Deegan, N.E. Kaplan

Density Data:

Point of Intercept:

Species	# of Individuals		Hit	Notes
<i>Oppo</i> 18	29	1	Bare	
<i>Spo</i> 1,1	2	2	Bare	
<i>Carex</i> 15,12,11,8	46	3	Crown	*Crown of Bogr Plant
<i>Buda</i> 25,14,21,7	67	4	Bare	
<i>Togr</i> 1	1	5	Bare	
<i>Adm</i> 2,4,5,3	14	6	litter	
<i>Gusa</i> 2,7,4	13	7	litter	
<i>Asox</i> 1,5	6	8	<i>Oppo</i>	
<i>Sihy</i> 1	1	9	litter	
		10	litter	
		11	litter	
		12	litter	
		13	litter	
		14	litter	
		15	litter	
		16	Crown	*Crown of Bogr
		17	Bare	
		18	litter	
		19	Bare	
		20	Crown	*Crown of Bogr
		21	Bare	
		22	<i>Buda</i>	
		23	Bare	
		24	Bare	
		25	Bare	
		26	Pach	*lichen
		27	litter	
		28	litter	
		29	litter	
		30	<i>Buda</i>	
		31	litter	
		32	<i>Buda</i>	
		33	<i>Buda</i>	
		34	<i>Oppo</i>	
		35	litter	
		36	Bare	
		37	<i>Buda</i>	
		38	litter	
		39	<i>Buda</i>	
		40	litter	
			Bare	

BOGR REMOVAL EXPERIMENT DATA

Date 26 June 2000 Section: 24 Recorder(s): N.E. Kaplan, K. Woodmansee
 Treatment/Control (circle one) Control
 Inside/Outside GU Exclusion (circle one) Inside
 Plot Location Description: WEST

Density Data:

Point of Intercept:

Species - (Counts)	# of Individuals		Hit	Notes
Buda 16, 13, 12, 17	58	1	Buda	
Carex 15, 35, 39, 27	107	2	Buda	
Spc 2, 3, 3, 2	10	3	Buda	
Orpo 6, 5	11	4	Bare	
Sily 2	2	5	Litter	
		6	Litter	
		7	Buda	
		8	Buda	
		9	Buda	
		10	Bare	
		11	Buda	
		12	Buda	
		13	Bare	
		14	Litter	
		15	Litter	
		16	Buda	
		17	Litter	
		18	Buda	
		19	Litter	
		20	Litter	
		22	Litter	
		23	Buda	
		24	Litter	
		25	Buda	
		26	Litter	
		27	Litter	
		28	Litter	
		29	Buda	
		30	Litter	
		31	Litter	
		32	Buda	
		33	Buda	
		34	Buda	
		35	Litter	
		36	Litter	
		37	Buda	
		38	Buda	
		39	Buda	
		40	Litter	
			Buda	

BOGR REMOVAL EXPERIMENT DATA

Date 26 June 2000 Section: 24 Recorder(s): N.E. Kaplan, K. Waldmansee
Treatment/Control (circle one) Z. Deegan, J. Lee
Inside/Outside GU Enclosure (circle one)
 Plot Location Description: WEST

Density Data:

Point of Intercept:

Species	# of Individuals		Hit	Notes
Spc0 37,40,34,20	131	1	Bare	
Bogr 3,2,6 -	11	2	Bare	
Oppo 3	3	3	Bare	
Buda 3 -	3	4	Bare	
Carex 5,10,11,9	81	5	Bare	
Gusa 2,6,1	9	6	Bare	
ASox 1	1	7	Bare	
Arlo 1,1 -	2	8	Bare	
		9	Bare	
		10	Bare	
		11	Bare	
		12	Bare	
		13	Bare	
		14	Bare	
		15	Bare	
		16	Bare	
		17	Bare	
		18	Bare	
		19	Bare	
		20	Bare	
		22	Bare	
		23	Bare	
		24	Bare	
		25	Bare	
		26	Bare	
		27	Bare	
		28	Bare	
		29	Bare 28	
		30	Oppo	
		31	Buda	
		32	Buda	
		33	Bare	
		34	Bare	
		35	Bare	
		36	Bogr	
		37	Bare	
		38	Bare	
		39	Bare	
		40	Bare	
			Bare	

36 Bare
 1 Bogr
 2 Buda
 1 Oppo

BOGR REMOVAL EXPERIMENT DATA

Date 26 June 2000 Section: 24 Recorder(s): K. Woodmansee, J. Lee, Z. Deegan

Treatment/Control (circle one)

Inside/Outside GU Exlosure (circle one)Plot Location Description: EAST (EAST or WEST)

Density Data:

Point of Intercept:

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Species	# of Individuals		Hit	Notes
Arlo	13	1	BUDA	
Spco	49	2	BARE	
Oppo	8	3	Bare	
Buda	59	4	Bare	
Asox	10	5	Bare	
Shy	4	6	Bare	
		7	Bare	
		8	Bare	
		9	Bare	
		10	Bare	
		11	Bare 10	
		12	Litter	
		13	Bare	
		14	Bare	
		15	Bare	
		16	Bare	
		17	Bare	
		18	Bare	
		19	Buda	
		20	Bare	
		21	Bare	
		22	Bare	
		23	Bare	
		24	Bare 20	
		25	Litter	
		26	Buda	
		27	Bare	
		28	Bare	
		29	Litter	
		30	Oppo	
		31	Oppo	
		32	Litter	
		33	Arlo	
		34	Bare	
		35	Buda	
		36	Buda	
		37	Buda	
		38	Bare	
		39	Bare	
		40	Bare	
			Bare	

6 Buda
4 Litter
2 Oppo
1 Arlo
27 Bare

BOGR REMOVAL EXPERIMENT DATA

Date 26 June 2000 Section 24 Recorder(s): N.E. Kaplan, K. Woodmansee

Treatment/Control (circle one)

J. Lee, Z. Deegan

(Inside/Outside GU Excl~~o~~sure (circle one)

Plot Location Description: WEST

Density Data:

Point of Intercept:

Species	# of Individuals		Hit	Notes
Agsm 14, 20, 19, 23	76	1	Bare	
Gusa 3, 1, 3, 2	9	2	Bare	
Chvi 1	1	3	Bare	
Oppo 5, 8, 4	17	4	Bare	
Spco 7, 1, 3, 5	16	5	Bare	
Asox 3	3	6	litter	
Carex 12, 20, 15, 8	55	7	Oppo	
Buda 10, 4, 5	19	8	Agsm	
Bogr 4	4	9	litter	
		10	Gusa	
		11	Bare	
		12	litter	
		13	litter	
		14	Bare	
		15	Bare	
		16	Bare	
		17	Bare	
		18	Bare	
		19	Bare	
		20	Bare	
		21	Bare	
		22	Bare	
		23	Bare	
		24	Bare	
		25	litter	
		26	litter	
		27	Agsm	
		28	Bare	
		29	litter	
		30	litter	
		31	Spco	
		32	Bare	
		33	litter	
		34	litter	
		35	litter	
		36	Gusa	
		37	litter	
		38	litter	
		39	Bare	
		40	Bare	
			litter	

20 Bare
14 Litter
10 Oppo
2 Agsm
1 Spco
2 Buda

BOGR REMOVAL EXPERIMENT DATA

Date 26 June 2000 Section: 24 Recorder(s): NEK, J.L., K.W., Z.D.Treatment/Control (circle one)Inside/Outside GU Enclosure (circle one)Plot Location Description: EAST

Density Data:

Point of Intercept:

Species	# of Individuals		Hit	Notes
Gusa 5,5,2,1,2	25	1	Bare	
Buda 6,3,8,2,4	23	2	Litter	
Erpu ^{1,2}	3	3	Litter 2	
Spro ^{3,1,5,3,1}	13	4	Bare	
Oppo 4	4	5	Bare	
Togr ¹	1	6	Bare	
Carex ^{1,2,3,8}	12	7	Bare	
Asox ¹	1	8	Bare	
Bogr ^{1,1}	2	9	Bare	
Arto ^{1,1}	2	10	Bare 8	
		11	Litter 3	
		12	Bare	
		13	Buda	
		14	Bare	
		15	Bare	
		16	Bare	
		17	Bare	
		18	Bare 14	
		19	Litter 1	
		20	Litter 2	
		21	Bare 15	
		22	Litter 8	
		23	Bare 11	
		24	Buda	
		25	Buda	
		26	Litter 7	
		27	Bare 12	
		28	Bare 10	
		29	Litter 1	
		30	Bare 10	
		31	Litter 1	
		32	Bare 20	
		33	Gusa	
		34	Bare 3	
		35	Bare	
		36	Bare	
		37	Bare	
		38	Bare	
		39	Bare	
		40	Bare	

27 Bare
94-
160-
3 Litter

Bare 10

BOGR REMOVAL EXPERIMENT DATA

Date 26 June 2006 Section: 2A Recorder(s): N.E. Kaplan, K. WoodmanseeTreatment: Control (circle one)Z. Deegan, J. LeeInside (circle one) Outside GU Enclosure (circle one)Plot Location Description: WEST

Density Data:

Point of Intercept:

Species	# of Individuals		Hit	Notes
Arfr 1	1	1	litter	
Oppo 12, 14	26	2	litter	
Gusa 3, 4	7	3	Buda	
Buda 5, 23, 17	45	4	litter	
Agsm 2	2	5	Arfr	
Real 1	1	6	litter	
Aspx 2, 1, 1, 4	8	7	Bare	
Speco 2, 1, 1, 1	5	8	litter	
Carex 5, 10, 5, 19	39	9	litter	
Bogr 20, 7	27	10	litter	
C. Vilosa 2	2	11	litter	
		12	Bare	
		13	Bare	
		14	litter	
		15	Bare	
		16	Oppo	
		17	litter	
		18	Bare	
		19	litter	
		20	Bare	
		21	litter	
		22	Bare	
		23	Bare	
		24	Bare	
		25	litter	
		26	Crown	of Buda
		27	Buda	
		28	Crown	of Buda
		29	Crown	of Buda
		30	Bare	
		31	Crown	of Buda
		32	litter	
		33	Bare	
		34	Buda	
		35	Bare	
		36	Bare	
		37	Carex	
		38	Bare	
		39	Bare	
		40	Bare	
			Bare	

14 Litter
7 Buda
1 Arfr
10 Oppo
1 Carex
16 Bare

Penslemmon -

BOGR REMOVAL EXPERIMENT DATA

Date 26 June 2000 Section: 24 Recorder(s): N.E. Kaplan, J. Lee, K. WoodmanseeTreatment: Control (circle one)Z. DeeganInside/Outside GU Enclosure (circle one)Plot Location Description: EAST

Density Data:

Point of Intercept:

Species	# of Individuals		Hit	Notes
3 Sihy ¹	1	1	Bare	
6 Spod 3,5	8	2	Bare	
Oppo 2,3,4,1	10	3	Crown	of Buda
Liin ²	2	4	Bare	
Toar 2,1	3	5	Bare	
4 Arto ¹	1	6	Crown	of Bogr
2 Buda 7,5,4	16	7	Crown	of Bogr
1 Bogr 25,8,10,14	57	8	Bare	
Asdx ²	2	9	Bare	
Agon	NONE	10	Crown	of Bogr
Mata ¹	1	11	Bogr	
5 Carex 12,1,6,3	22	12	Bogr	
		13	litter	
		14	Bare	
		15	Bogr	
		16	Bogr	
		17	Crown	of Bogr
		18	Bogr	
		19	litter	
		20	litter	
		21	Bogr	
		22	Bogr	
		23	Bogr	
		24	Bogr	
		25	Crown	of Bogr
		26	Bare	
		27	Bare	
		28	Bogr	
		29	Bogr	
		30	Bare	
		31	Crown	of Bogr
		32	litter	
		33	Bare	
		34	Crown	of Bogr
		35	Bare	
		36	Bare	
		37	Bogr	
		38	Bare	
		39	Bare	
		40	Bogr	

Bare

1 Buda

16 Bare

19 Bogr

4 Litt