APPENDIX E ATTACHMENT

SUMMARY OF POINT-INTERCEPT COVER BY PIN FRAME – VEGETATION STUDY AREA
STARK COUNTY, NORTH DAKOTA, 2006-2007

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Footnotes for the Appendix E Attachment:

"Hits" are numbered as 1=first (highest) point of vegetation canopy or standing litter intercepted (if any) progressively down to B=Basal point intercept. Basal intercepts will always total 50 hits at each sample site, as each site was inventoried with five 10-point pin frames.

These data are summarized by ecological site/vegetation type in Appendix E.

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE SL-1

Slope (percent) 4
Aspect (degrees) 055
Topography Toeslope
Configuration Straight

Ecological Site Saline Lowland-Wet Land-Subirrigated
Community Type *Distichlis spicata/Puccinellia nuttalliana (Agropyron cristatum)*
Investigator DC/JB
Date 9-7-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					2					5					1															**8**
Rock																														
Lichens																														
Moss																														
Litter - Standing												2					1										**3**			
Litter - Down					8					4					8					8					8					**36**
Basal Vegetation										1					1					2					2					**6**
					10					10		2			10		1			10					10		3			50
SPECIES																														
Puccinellia nuttalliana																				2										**2**
Buchloe dactyloides																					1	1				**1**	**1**			
Distichlis spicata	1					2					3				1	3					1				1	**10**				**2**
Agropyron cristatum						1				1											1				1	**2**				**2**
Taraxacum officinale																1										**1**				

SAMPLE SITE SL-2

Slope (percent) 1
Aspect (degrees) 306
Topography Swale
Configuration Straight (Concave)

Ecological Site Saline Lowland-Wet Land-Subirrigated
Community Type *Distichlis spicata/Suaeda depressa*
Investigator DC, JB
Date 9-7-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					8					4					5					5					4					**26**
Rock																														
Lichens																														
Moss																														
Litter - Standing						1															1					**2**				
Litter - Down					2					5					5					5					6					**23**
Basal Vegetation										1																				**1**
					10	1				10					10					10	1				10	2				50
SPECIES																														
Distichlis spicata	1					1				1	1					1					2					**6**				**1**
Suaeda depressa	2										3										2	1				**7**	**1**			

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE SL-3

Slope (percent) 1
Aspect (degrees) 180
Topography Lower slope
Configuration Straight

Ecological Site Saline Lowland-Wet Land-Subirrigated
Community Type *Puccinellia nuttalliana*
Investigator LL, PC
Date 8-23-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					3					3					8					4					3					21
Rock																														
Lichens																														
Moss																														
Litter - Standing						2	1				4	1				1					1					8	2			
Litter - Down					7					6					2					5					7					27
Basal Vegetation										1										1										2
					10	2	1			10	4	1			10	1				10	1				10	8	2			50
SPECIES																														
Puccinellia cusickii	2					1					3					2				1						8				1
Atriplex heterosperma											2															2				
Melilotus officinalis	1					1				1						2										4				1

SAMPLE SITE SL-4

Slope (percent) 3-4
Aspect (degrees) 346
Topography Bottom
Configuration Concave

Ecological Site Saline Lowland-Wet Land-Subirrigated
Community Type *Spartina pectinata/Carex praegracilis/Puccinellia nuttalliana*
Investigator KS, DB
Date 9-8-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground										9					1															10
Rock																														
Lichens																														
Moss																														
Litter - Standing		1										2						1			6					6	3	1		
Litter - Down					8										9					9					10					36
Basal Vegetation					2					1										1										4
		1			10					10		2			10			1		10	6				10	6	3	1		50
SPECIES																														
Carex praegracilis																3	1			1						3	1			1
Eleocharis xyridiformis											4	1									1	2				5	3			
Hordeum jubatum											1						1									1	1			
Juncus balticus	1	1			2																					1	1			2
Puccinellia nuttalliana										1																				1
Scirpus validus																					2	3				2	3			
Distichlis spicata	1																									1				
Spartina pectinata	2										1					3	1	1								6	1	1		
Aster pansus	4	1														1	1	1	2							5	2	1	2	
Iva axillaris	1																									1				
Sonchus arvensis		3														1										1	3			
Chenopodium glaucum											3															3				
Suaeda depressa						4																				4				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE SL-5

Slope (percent) 3-6/60-90
Aspect (degrees) 012
Topography Bottom
Configuration Concave

Ecological Site Saline Lowland-Wet Land-Subirrigated
Community Type *Symphoricarpos occidentalis/Spartina pectinata/ Agropyron cristatum/Bromus inermis*
Investigator KS, DB
Date 9-8-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground																														
Rock																														
Lichens																														
Moss																														
Litter - Standing	1	3	1				1	3			1		1			2	1	3			3	2				**7**	**7**	**8**		
Litter - Down					10					10					9					10					8					**47**
Basal Vegetation															1										2					**3**
	1	3	1		10		1	3		10	1		1		10	2	1	3		10	3	2			10	7	7	8		50
SPECIES																														
Spartina pectinata	1															4	3				6	1		1	2	**11**	**4**		**1**	**2**
Agropyron cristatum	2		3	1		4	4	1			2	2			1	1										**9**	**6**	**4**	**1**	**1**
Bromus inermis		1	1								1	1						1								**1**	**2**	**2**		
Poa pratensis												1	1														**1**	**1**		
Aster pansus											1						1									**1**	**1**			
Helianthus maximilianii						2					3						1	1	1			1	1			**5**	**2**	**2**	**1**	
Atriplex heterosperma	5	3	2																							**5**	**3**	**2**		
Symphoricarpos occidentalis	1	2				3	2		1		2	1				3	1					1				**9**	**7**		**1**	

SAMPLE SITE SL-6

Slope (percent) 1-2/8
Aspect (degrees) 352
Topography Bottom/Toeslope
Configuration Concave

Ecological Site Saline Lowland-Wet Land-Subirrigated
Community Type *Spartina pectinata/Bromus inermis*
Investigator KS, DB
Date 9-8-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground																														
Rock																														
Lichens																														
Moss																														
Litter - Standing	3	2	1			2	4	1				1	1				2					1				**5**	**10**	**3**		
Litter - Down					9					9					10					9					9					**46**
Basal Vegetation					1					1										1					1					**4**
	3	2	1		10	2	4	1		10		1	1		10		2			10		1			10	5	10	3		50
SPECIES																														
Distichlis spicata																					4	2	3		1	**4**	**2**	**3**		**1**
Spartina pectinata	7	2			1						8	6	2	1		6	4	2	1	1						**21**	**12**	**4**	**2**	**2**
Agropyron cristatum						3	1																			**3**	**1**			
Bromus inermis						4	1	1		1						1										**5**	**1**	**1**		**1**
Poa pratensis																							1					**1**		
Aster pansus																					2	2				**2**	**2**			
Ambrosia artemisiifolia		2																									**2**			
Suaeda depressa																					1	2	2	1		**1**	**2**	**2**	**1**	
Atriplex heterosperma																					2	1				**2**	**1**			
Thlaspi arvense																1		1								**1**		**1**		

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE SL-7

Slope (percent) 5
Aspect (degrees) 054
Topography Lower slope
Configuration Straight

Ecological Site Saline Lowland-Wet Land-Subirrigated
Community Type *Distichlis spicata/Puccinellia nuttalliana*
Investigator LL, PC
Date 9-8-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					10					5					6					7					4					**32**
Rock																														
Lichens																														
Moss																														
Litter - Standing						1	1															2	1			**1**	**3**	**1**		
Litter - Down										5					4					3					6					**18**
Basal Vegetation																														
					10	1	1			10					10					10		2	1		10	1	3	1		50
SPECIES																														
Puccinellia nuttalliana																	1					1					**2**			
Distichlis spicata						1															3					**4**				
Agropyron cristatum						2																				**2**				
Gutierrezia sarothrae											2					1					2	1				**5**	**1**			
Iva axillaris	1																									**1**				

SAMPLE SITE SL-8

Slope (percent) 0
Aspect (degrees) 026
Topography Swale
Configuration Straight (Concave)

Ecological Site Saline Lowland-Wet Land-Subirrigated
Community Type *Puccinellia nuttalliana/Distichlis spicata*
Investigator LL, PC
Date 9-8-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					10					2					8					10					7					**37**
Rock																														
Lichens																														
Moss																														
Litter - Standing						1					3	2									1					**5**	**2**			
Litter - Down										6					2										3					**11**
Basal Vegetation										2																				**2**
					10	1				10	3	2			10					10	1				10	5	2			50
SPECIES																														
Puccinellia nuttalliana	1									1	2	1				2										**5**	**1**			**1**
Distichlis spicata						2				1																**2**				**1**
Agropyron cristatum																					2					**2**				
Iva axillaris											1															**1**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE SL-9

Slope (percent) 5
Aspect (degrees) 355
Topography Bottom
Configuration Undulating

Ecological Site Saline Lowland-Wet Land-Subirrigated
Community Type *Distichlis spicata/Puccinellia nuttalliana*
Investigator LL, PC
Date 9-8-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground					3										3					4					3					**13**
Rock																														
Lichens																														
Moss																														
Litter - Standing	1	2	3			6		1			2	1	2				2					4	1			**9**	**9**	**7**		
Litter - Down					6					10					7					5					7					**35**
Basal Vegetation					1															1										**2**
	1	2	3		10	6		1		10	2	1	2		10		2			10		4	1		10	9	9	7		50
SPECIES																														
Juncus balticus	1																									**1**				
Poa glaucifolia	1						1				1										1					**3**	**1**			
Puccinellia nuttalliana	3	2				1					1	2				3				1			2			**8**	**4**	**2**		**1**
Distichlis spicata	4	2			1	1					3					2					9	1				**19**	**3**			**1**
Bromus inermis						2																				**2**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE WL-1

Slope (percent) 2
Aspect (degrees) 125
Topography Bottom/Bank
Configuration Undulating

Ecological Site Loamy Overflow-Subirrigated-Wet Land
Community Type *Carex aquatilis*
Investigator LL, PC
Date 9-10-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					2																				3					**5**
Rock																														
Lichens																														
Moss																														
Litter - Standing	1	2	5				1	2				3	2			2	2	1			2	1				**5**	**9**	**10**		
Litter - Down					7					9					9					9					6					**40**
Basal Vegetation					1					1					1					1					1					**5**
	1	2	5		10		1	2		10		3	2		10	2	2	1		10	2	1			10	5	9	10		50
SPECIES																														
Carex aquatilis	9	5			1	7	3			1	10	6	4		1	8	3	1		1	8	1			1	**42**	**18**	**5**		**5**

SAMPLE SITE WL-2

Slope (percent) 2
Aspect (degrees) 055
Topography Bottom
Configuration Undulating

Ecological Site Loamy Overflow-Subirrigated-Wet Land
Community Type *Carex aquatilis (Spartina pectinata)*
Investigator LL, PC
Date 9-11-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					3					4					5					3					2					**17**
Rock																														
Lichens																														
Moss																														
Litter - Standing		1	2			1	3	1			3	1				2	2	1			1	3	2			**7**	**10**	**6**		
Litter - Down					5					5					4					6					6					**26**
Basal Vegetation					2					1					1					1					2					**7**
		1	2		10	1	3	1		10	3	1			10	2	2	1		10	1	3	2		10	7	10	6		50
SPECIES																														
Carex aquatilis	4	3			2	5	3			1	4	1				7	3	1		1	8	3	1		2	**28**	**13**	**2**		**6**
Eleocharis xyridiformis		1																									**1**			
Spartina pectinata	3					2																				**5**				
Aster simplex	1																									**1**				
Rumex mexicanus											1															**1**				
Rumex crispus						1					1															**2**				
Polygonum arenastrum															1															**1**

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE WL-3

Slope (percent) 2
Aspect (degrees) 097
Topography Bottom/Bank
Configuration Undulating

Ecological Site Loamy Overflow-Subirrigated-Wet Land
Community Type *Carex aquatilis/Fraxinus pennsylvanica*
Investigator LL, PC
Date 9-11-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					1					7					1										2					**11**
Rock																														
Lichens																														
Moss																														
Litter - Standing		4	1									2	3			1		3			3	1	1			**4**	**7**	**8**		
Litter - Down					8					2					9					10					8					**37**
Basal Vegetation					1					1																				**2**
		4	1		10					10		2	3		10	1		3		10	3	1	1		10	4	7	8		50
SPECIES																														
Carex aquatilis	10	5			1	2	2	1		1	6	7	4			5	6	1			5	1				**28**	**21**	**6**		**2**
Poa pratensis						1																				**1**				
Aster simplex						4	3	1			4	1														**8**	**4**	**1**		
Euphorbia esula																					1					**1**				
Echinocystis lobata																3	2	1								**3**	**2**	**1**		
Medicago lupulina						2	1																			**2**	**1**			

SAMPLE SITE WL-4

Slope (percent) 3
Aspect (degrees) 010
Topography Bottom/Bank
Configuration Undulating

Ecological Site Loamy Overflow-Subirrigated-Wet Land
Community Type *Carex aquatilis*
Investigator LL, PC
Date 9-11-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					1					3					1					6					4					**15**
Rock																														
Lichens																														
Moss																														
Litter - Standing	1	1	1			3	2	2			2	3	2			3	1	1			2	3				**11**	**10**	**6**		
Litter - Down					9					5					9					2					6					**31**
Basal Vegetation										2										2										**4**
	1	1	1		10	3	2	2		10	2	3	2		10	3	1	1		10	2	3			10	11	10	6		50
SPECIES																														
Carex aquatilis	8	4	2			6	2			2											3					**17**	**6**	**2**		**2**
Carex laeviconica											6	3				3	2			2	4					**13**	**5**			**2**
Poa pratensis																1	1									**1**	**1**			
Aster simplex																1	1									**1**	**1**			
Rumex crispus											2															**2**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE WL-5

Slope (percent) 2
Aspect (degrees) 112
Topography Bottom
Configuration Concave

Ecological Site Loamy Overflow-Subirrigated-Wet Land
Community Type *Carex aquatilis*
Investigator LL, PC
Date 9-11-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					3					5					4					9					2					**23**
Rock																														
Lichens																														
Moss					1					1																				**2**
Litter - Standing	2	1	3			1	1	2			1	1				1	2					2	1			**5**	**7**	**6**		
Litter - Down					6					3					5										7					**21**
Basal Vegetation										1					1					1					1					**4**
	2	1	3		10	1	1	2		10	1	1			10	1	2			10		2	1		10	5	7	6		50
SPECIES																														
Carex aquatilis	8	6	3			4	5	2		1	5	3			1	6	1			1	5	1			1	**28**	**16**	**5**		**4**
Eleocharis xyridiformis						1																				**1**				
Rumex mexicanus						1					1															**2**				
Rumex crispus											1															**1**				
Fraxinus pennsylvanica						1																				**1**				

SAMPLE SITE WL-6

Slope (percent) 2
Aspect (degrees) 112
Topography Bottom
Configuration Concave

Ecological Site Loamy Overflow-Subirrigated-Wet Land
Community Type *Carex aquatilis (Fraxinus pennsylvanica)*
Investigator LL, PC
Date 9-11-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					9					6										2					10					**27**
Rock																														
Lichens																														
Moss					1																									**1**
Litter - Standing						1						3	3				3	2				1				**1**	**7**	**5**		
Litter - Down										3					10					8										**21**
Basal Vegetation										1																				**1**
					10	1				10		3	3		10		3	2		10		1			10	1	7	5		50
SPECIES																														
Carex aquatilis	5	4	1			1				1	10	7	2			9	4	2			1	2	1			**26**	**17**	**6**		**1**
Eleocharis xyridiformis	2	2															1									**2**	**3**			
Echinochloa muricata						1															2	2				**3**	**2**			
Rumex mexicanus			1																		1					**1**		**1**		
Sagittaria cuneata	2	1																								**2**	**1**			
Plantago major																					1					**1**				
Artemisia biennis																					3					**3**				
Salix lutea	1																									**1**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE WL-7

Slope (percent) 2
Aspect (degrees) 014/136
Topography Bottom
Configuration Undulating

Ecological Site Wet Land-Wet Meadow
Community Type *Eleocharis xyridiformis/Carex laeviconica/ Polygonum amphibium*
Investigator JB, CB
Date 8-23-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground										9										8										**17**
Rock																														
Lichens																														
Moss																														
Litter - Standing											1												2			**1**		**2**		
Litter - Down					10					1					10					2					10					**33**
Basal Vegetation																														
					10					10	1				10					10			2		10	1		2		50
SPECIES																														
Agropyron smithii											2															**2**				
Agropyron trachycaulum											2	2														**2**	**2**			
Carex laeviconica	2										1	1									2	3	2			**5**	**4**	**2**		
Eleocharis xyridiformis	5	2				2																				**7**	**2**			
Hordeum jubatum																							1					**1**		
Spartina pectinata																					7	6				**7**	**6**			
Poa pratensis											3	3														**3**	**3**			
Polygonum amphibium						5	2									1										**6**	**2**			
Taraxacum officinale											1															**1**				

SAMPLE SITE WL-8

Slope (percent) 2
Aspect (degrees) 125
Topography Bottom
Configuration Concave

Ecological Site Wet Land-Wet Meadow
Community Type *Carex laeviconica/Polygonum amphibium*
Investigator JB, CB
Date 9-5-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					4					7					2					10					8					**31**
Rock																														
Lichens																														
Moss																														
Litter - Standing						3					2										1					**6**				
Litter - Down					6					3					8										2					**19**
Basal Vegetation																														
					10	3				10	2				10					10	1				10	6				50
SPECIES																														
Carex laeviconica	9	3				2					5	4	1								1					**17**	**7**	**1**		
Polygonum amphibium																1										**1**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE WL-9

Slope (percent) 2
Aspect (degrees) 067
Topography Bottom
Configuration Concave

Ecological Site Wet Land-Wet Meadow
Community Type *Spartina pectinata/Carex praegracilis*
Investigator DC, JB
Date 9-7-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground																														
Rock																														
Lichens																														
Moss																														
Litter - Standing	3	2	1			5	2	2								2	1				2	1				**12**	**6**	**3**		
Litter - Down					9					9					9					8					9					**44**
Basal Vegetation					1					1					1					2					1					**6**
	3	2	1		10	5	2	2		10					10	2	1			10	2	1			10	12	6	3		50
SPECIES																														
Agropyron smithii						1						1														**1**	**1**			
Carex praegracilis	2	2				1	3				4	1	1		1											**7**	**6**	**1**		**1**
Hordeum jubatum																6	2			2	5				1	**11**	**2**			**3**
Juncus balticus	1	1																								**1**	**1**			
Distichlis spicata																	1										**1**			
Spartina pectinata	4				1	2					4															**10**				**1**
Poa pratensis										1												1					**1**			**1**
Solidago mollis						1																				**1**				

SAMPLE SITE WL-10

Slope (percent) 2
Aspect (degrees) 153
Topography Bottom
Configuration Concave

Ecological Site Wet Land-Wet Meadow
Community Type *Hordeum jubatum/Poa pratensis*
Investigator LL, PC
Date 9-11-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground									4						3					2										**9**
Rock																														
Lichens																														
Moss																														
Litter - Standing		1	1			2		1				1	2			5	3				5	3	1			**12**	**8**	**5**		
Litter - Down					8					6					6					8					10					**38**
Basal Vegetation					2										1															**3**
		1	1		10	2		1		10		1	2		10	5	3			10	5	3	1		10	12	8	5		50
SPECIES																														
Hordeum jubatum	5	4	1		1	5	2				7	6			1	4		1			5	1				**26**	**13**	**2**		**2**
Poa pratensis					1	1	2																			**1**	**2**			**1**
Rumex mexicanus						2					2	1	1			1										**5**	**1**	**1**		
Cirsium arvense	2																									**2**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE WL-11

Slope (percent) 1
Aspect (degrees) 006
Topography Swale
Configuration Concave

Ecological Site Wet Land-Wet Meadow
Community Type *Carex laeviconica/Symphoricarpos occidentalis*
Investigator LL, PC
Date 9-10-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground																														
Rock																														
Lichens																														
Moss																														
Litter - Standing		3	2			3	3	1				3	1			2	5				1	2	1			**6**	**16**	**5**		
Litter - Down					10					9					10					9					10					**48**
Basal Vegetation										1										1										**2**
		3	2		10	3	3	1		10		3	1		10	2	5			10	1	2	1		10	6	16	5		50
SPECIES																														
Carex laeviconica	10	6				5	1			1	7	3				7				1	4					**33**	**10**			**2**
Hordeum jubatum											1										2	1				**3**	**1**			

SAMPLE SITE WL-12

Slope (percent) 2-3
Aspect (degrees) 004
Topography Bottom
Configuration Concave

Ecological Site Wet Land-Wet Meadow
Community Type *Spartina pectinata/Polygonum amphibium*
Investigator KS, DB
Date 9-8-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground																									1					**1**
Rock																														
Lichens																														
Moss										1																				**1**
Litter - Standing		2										1				1						1				**1**	**4**			
Litter - Down					9					9					9					10					8					**45**
Basal Vegetation					1										1										1					**3**
		2			10					10		1			10	1				10		1			10	1	4			50
SPECIES																														
Spartina pectinata	4	5	5	1	1						5	2	2		1	2					5	4	1	1		**16**	**11**	**8**	**2**	**2**
Polygonum amphibium	4	1	1			9	6	3	1		3	1				2	1				4	3	2		1	**22**	**12**	**6**	**1**	**1**

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE WL-13

Slope (percent) 3
Aspect (degrees) 310
Topography Floodplain Terrace
Configuration Concave (Straight)

Ecological Site Wet Land-Wet Meadow
Community Type *Carex laeviconica*
Investigator KS, DB
Date 9-11-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground																														
Rock																														
Lichens																														
Moss																														
Litter - Standing	2										1															**3**				
Litter - Down					9					9					8					10					10					**46**
Basal Vegetation					1					1					2															**4**
	2				10					10	1				10					10					10	3				50
SPECIES																														
Carex brevior						3																				**3**				
Carex laeviconica	4	3			1	5				1	8	2			2	5	2				6	1				**28**	**8**			**4**

SAMPLE SITE WL-14

Slope (percent) 1
Aspect (degrees) 250
Topography Swale
Configuration Concave

Ecological Site Wet Land-Wet Meadow
Community Type *Carex laeviconica*
Investigator DC, JB
Date 9-8-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground					2										6					2					3					**13**
Rock																														
Lichens																														
Moss																														
Litter - Standing																					1					**1**				
Litter - Down					6					9					4					8					7					**34**
Basal Vegetation					2					1																				**3**
					10					10					10					10	1				10	1				50
SPECIES																														
Carex laeviconica	3				2	3	1			1	3	1				1					2					**12**	**2**			**3**
Rumex mexicanus																1										**1**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE WL-15

Slope (percent) 1
Aspect (degrees) 279
Topography Bottom
Configuration Concave

Ecological Site Wet Land-Wet Meadow
Community Type *Carex laeviconica/Hordeum jubatum*
Investigator DC, JB
Date 8-22-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground					1																									**1**
Rock																														
Lichens																														
Moss																														
Litter - Standing																														
Litter - Down					9					9					9					9					10					**46**
Basal Vegetation										1					1					1										**3**
					10					10					10					10					10					50
SPECIES																														
XAgrohordeum macounii	2																									**2**				
Carex laeviconica										1	3					4	1				1	1				**8**	**2**			**1**
Hordeum jubatum						1					2	1			1					1	3					**6**	**1**			**2**
Polygonum amphibium	1																									**1**				
Rumex mexicanus																					1					**1**				
Polygonum arenastrum	1																									**1**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE RW-1

Slope (percent) 3-5/40-80
Aspect (degrees) 322/044
Topography Bottom/Bank
Configuration Concave (Undulating)

Ecological Site Riparian Woodland
Community Type *Fraxinus pennsylvanica/Bromus inermis/Poa pratensis*
Investigator KS, DB
Date 9-6-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground					4					1															1					**6**
Rock																														
Lichens																														
Moss																														
Litter - Standing						1						1				4					3					**8**	**1**			
Litter - Down					6					7					10					10					9					**42**
Basal Vegetation										2																				**2**
					10	1				10		1			10	4				10	3				10	8	1			50
SPECIES																														
Bromus inermis	2	1				3	1			1	4	3				2	1				2					**13**	**6**			**1**
Poa pratensis						2				1	1	1									3	1				**6**	**2**			**1**

SAMPLE SITE RW-2

Slope (percent) 2-8/40-50
Aspect (degrees) 277/190
Topography Terrace/Bank
Configuration Concave

Ecological Site Riparian Woodland
Community Type *Fraxinus pennsylvanica/Bromus inermis/Poa pratensis*
Investigator KS, DB
Date 9-6-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground					8																									**8**
Rock																														
Lichens																														
Moss																														
Litter - Standing						3					3										1					**7**				
Litter - Down					2					9					10					9					10					**40**
Basal Vegetation										1										1										**2**
					10	3				10	3				10					10	1				10	7				50
SPECIES																														
Bromus inermis						1	1			1	3					3	1				2					**9**	**2**			**1**
Poa pratensis						1	1									1				1						**2**	**1**			**1**

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE RW-3

Slope (percent) 0-2/20-80
Aspect (degrees) 330/055
Topography Bottom/Bank
Configuration Concave

Ecological Site Riparian Woodland
Community Type *Fraxinus pennsylvanica-Ulmus americana/ Symphoricarpos occidentalis/Poa pratensis*
Investigator KS, DB
Date 8-21-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					1																									**1**
Rock																														
Lichens																														
Moss																														
Litter - Standing	4	1				3	2	1				1	1				1					2	1			**7**	**7**	**3**		
Litter - Down					9					10					10					9					10					**48**
Basal Vegetation																				1										**1**
	4	1			10	3	2	1		10		1	1		10		1			10		2	1		10	7	7	3		50
SPECIES																														
Agropyron smithii						1																				**1**				
Agropyron trachycaulum			1			1							1													**1**		**2**		
Elymus virginicus																2						1				**2**	**1**			
Poa pratensis																3				1						**3**				**1**
Asclepias speciosa						1																				**1**				
Aster simplex											1															**1**				
Geum aleppicum																							1					**1**		
Solidago gigantea		1																			3					**3**	**1**			
Taraxacum officinale																	1										**1**			
Ribes setosum																					1					**1**				
Rosa woodsii							2	1			4	6	2								2					**6**	**8**	**3**		
Symphoricarpos occidentalis	4	1				3	1	1			5	2	1	1		3					2	3				**17**	**7**	**2**	**1**	

SAMPLE SITE RW-4

Slope (percent) 0-15/80-100
Aspect (degrees) 043/314
Topography Bottom/Bank
Configuration Concave

Ecological Site Riparian Woodland
Community Type *Fraxinus pennsylvanica/Acer negundo/Bromus inermis (Spartina pectinata)*
Investigator KS, DB
Date 9-10-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground																														
Rock																														
Lichens																														
Moss																														
Litter - Standing				2			1	2					4			1							3			**1**	**1**	**9**	**2**	
Litter - Down					9					9					9					10					8					**45**
Basal Vegetation					1					1					1										2					**5**
				2	10		1	2		10			4		10	1				10			3		10	1	1	9	2	50
SPECIES																														
Spartina pectinata	4	5	3	1																						**4**	**5**	**3**	**1**	
Bromus inermis	6	5	2		1	9	8	3	1	1	8	5	6	1	1	6	6	3			6	4	1		2	**35**	**28**	**15**	**2**	**5**
Thalictrum dasycarpum			1																									**1**		
Cirsium arvense											2	5				2	1									**4**	**6**			
Ribes americanum																		1										**1**		
Symphoricarpos occidentalis																					1					**1**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE RW-5

Slope (percent) 0-15/80-90
Aspect (degrees) 104/014
Topography Bottom/Bank
Configuration Concave

Ecological Site Riparian Woodland
Community Type *Acer negundo/Fraxinus pennsylvanica/Bromus inermis (Symphoricarpos occidentalis)*
Investigator KS, DB
Date 9-10-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground																														
Rock																														
Lichens																														
Moss																														
Litter - Standing							1	1			1		1				1						1			1	2	3		
Litter - Down					10					10					9					10					8					47
Basal Vegetation															1										2					3
					10		1	1		10	1		1		10		1			10			1		10	1	2	3		50
SPECIES																														
Bromus inermis	10	8	3	1		10	6	1	1		7	5			1	9	5	4	1		6	10	4	1	2	42	34	12	4	3
Cirsium arvense																					4					4				
Euphorbia esula																	1										1			

SAMPLE SITE RW-6

Slope (percent) 0-2/10-100
Aspect (degrees) 042
Topography Bottom/Bank
Configuration Undulating

Ecological Site Riparian Woodland
Community Type *Fraxinus pennsylvanica/Acer negundo/Bromus inermis*
Investigator KS, DB
Date 9-11-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					9					2															1					12
Rock																														
Lichens																														
Moss																														
Litter - Standing						1										2	2				1					4	2			
Litter - Down										7					10					9					9					35
Basal Vegetation					1					1										1										3
					10	1				10					10	2	2			10	1				10	4	2			50
SPECIES																														
Carex aquatilis																					9	8	4	2		9	8	4	2	
Bromus inermis						9	1			1	1					5	1			1						15	2			2
Poa pratensis											4	1														4	1			
Sagittaria cuneata	8	6	3		1																					8	6	3		1

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE RW-7

Slope (percent) 2-6/40-80
Aspect (degrees) 135/045
Topography Terrace/Bank
Configuration Undulating (Concave)

Ecological Site Riparian Woodland
Community Type *Fraxinus pennsylvanica/Bromus inermis/Poa pratensis*
Investigator KS, DB
Date 9-9-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground																														
Rock																														
Lichens																														
Moss																														
Litter - Standing	4	3				3							1				2				7					**14**	**5**	**1**		
Litter - Down					10					9					9					10					10					**48**
Basal Vegetation										1					1															**2**
	4	3			10	3				10			1		10		2			10	7				10	14	5	1		50
SPECIES																														
Bromus inermis	3		1			4	1			1	3	1				3					2	5	1			**15**	**7**	**2**		**1**
Poa pratensis	1	1					1				3	1			1	1										**5**	**3**			**1**
Hesperis matronalis																					1					**1**				
Symphoricarpos occidentalis											1					2										**3**				

SAMPLE SITE RW-8

Slope (percent) 2-3
Aspect (degrees) 005
Topography Bottom/Terrace
Configuration Straight/Concave

Ecological Site Riparian Woodland
Community Type *Fraxinus pennsylvanica-Ulmus americana/ Acer negundo/Bromus inermis*
Investigator KS, DB
Date 9-11-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground																														
Rock																														
Lichens																														
Moss																														
Litter - Standing	1		2			5					3	2	1			2	1				2					**13**	**3**	**3**		
Litter - Down					10					8					10					10					10					**48**
Basal Vegetation										2																				**2**
	1		2		10	5				10	3	2	1		10	2	1			10	2				10	13	3	3		50
SPECIES																														
Bromus inermis	6	3				2	5	1	1	2	7	2	2													**15**	**10**	**3**	**1**	**2**
Arctium minus												1				5	1									**5**	**2**			
Prunus virginiana																					4	2	1			**4**	**2**	**1**		

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE RW-11

Slope (percent) 2-3
Aspect (degrees) 330
Topography Floodplain Terrace
Configuration Straight

Ecological Site Riparian Woodland
Community Type *Fraxinus pennsylvanica/Bromus inermis*
Investigator KS, DB
Date 9-6-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground																														
Rock																														
Lichens																														
Moss																														
Litter - Standing	2	2	1			1		2			1	3									1					**5**	**5**	**3**		
Litter - Down					9					9					10					10					10					**48**
Basal Vegetation					1					1																				**2**
	2	2	1		10	1		2		10	1	3			10					10	1				10	5	5	3		50
SPECIES																														
Bromus inermis	7	3			1	9	7	1		1	6	1	1								3	1				**25**	**12**	**2**		**2**
Atriplex subspicata											1															**1**				
Chenopodium album																1					1					**2**				
Kochia scoparia																9	6	2								**9**	**6**	**2**		

SAMPLE SITE RW-12

Slope (percent) 2-3
Aspect (degrees) 064
Topography Floodplain Terrace
Configuration Straight (Concave)

Ecological Site Riparian Woodland
Community Type *Fraxinus pennsylvanica/Acer negundo/Bromus inermis*
Investigator KS, DB
Date 9-6-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground																														
Rock																														
Lichens																														
Moss																														
Litter - Standing						2	1					1	1			1	2	1								**3**	**4**	**2**		
Litter - Down					10					9					10					9					8					**46**
Basal Vegetation										1										1					2					**4**
					10	2	1			10		1	1		10	1	2	1		10					10	3	4	2		50
SPECIES																														
Bromus inermis	10	6	3	1		7	5	2		1	7	2				7	3	1		1	9	2			2	**40**	**18**	**6**	**1**	**4**

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE RW-13

Slope (percent) 2-3/15-55
Aspect (degrees) 050/340
Topography Terrace/Bank
Configuration Concave (Straight)

Ecological Site Riparian Woodland
Community Type *Fraxinus pennsylvanica-Ulmus americana/ Prunus virginiana/Bromus inermis*
Investigator KS, DB
Date 9-11-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground																														
Rock																														
Lichens																														
Moss																														
Litter - Standing	1	1	1			2	1						1			1							1			**4**	**2**	**3**		
Litter - Down					10					9					10					10					9					**48**
Basal Vegetation										1															1					**2**
	1	1	1		10	2	1			10			1		10	1				10			1		10	4	2	3		50
SPECIES																														
Bromus inermis	9	6	3	1		6	4	2	1	1	9	4	2			6	4	1			8	5	1	1	1	**38**	**23**	**9**	**3**	**2**

SAMPLE SITE RW-14

Slope (percent) 3-10
Aspect (degrees) 035
Topography low Terrace
Configuration Undulating

Ecological Site Riparian Woodland
Community Type *Fraxinus pennsylvanica/Bromus inermis/ Symphoricarpos occidentalis*
Investigator KS, DB
Date 9-10-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground																														
Rock																														
Lichens																														
Moss																														
Litter - Standing	1	5				1	1	4				3	1			1	2									**3**	**11**	**5**		
Litter - Down					9					10					9					9					10					**47**
Basal Vegetation					1										1					1										**3**
	1	5			10	1	1	4		10		3	1		10	1	2			10					10	3	11	5		50
SPECIES																														
Bromus inermis	8	2	1		1	6	5	1			8	3	1		1	4	1				4	5				**30**	**16**	**3**		**2**
Euphorbia esula																					1					**1**				
Prunus virginiana						1																				**1**				
Symphoricarpos occidentalis						1	1									3	1			1	2					**6**	**2**			**1**

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE RW-15

Slope (percent) 4-10
Aspect (degrees) 132
Topography low Terrace
Configuration Concave

Ecological Site Riparian Woodland
Community Type *Fraxinus pennsylvanica/Acer negundo/Bromus inermis (Symphoricarpos occidentalis)*
Investigator KS, DB
Date 9-10-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground															2					3										**5**
Rock																														
Lichens																														
Moss																														
Litter - Standing	1	2				1	1	2	1				4			1	1				2	2				**5**	**6**	**6**	**1**	
Litter - Down					10					10					7					6					10					**43**
Basal Vegetation															1					1										**2**
	1	2			10	1	1	2	1	10			4		10	1	1			10	2	2			10	5	6	6	1	50
SPECIES																														
Bromus inermis	4	2	1			9	7	2	1		9	6	2	1		8	3			1	6	1				**36**	**19**	**5**	**2**	**1**
Poa pratensis							1					1															**2**			
Cirsium arvense	1														1											**1**				**1**
Rumex crispus																		1										**1**		
Symphoricarpos occidentalis	3	1																			1					**4**	**1**			
Fraxinus pennsylvanica																	1	1									**1**	**1**		

SAMPLE SITE RW-16

Slope (percent) 2-3
Aspect (degrees) 030
Topography Floodplain Terrace
Configuration Straight

Ecological Site Riparian Woodland
Community Type *Fraxinus pennsylvanica-Ulmus americana/ Symphoricarpos occidentalis/Poa pratensis*
Investigator KS, DB
Date 8-22-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					1															1					6					**8**
Rock																														
Lichens																														
Moss																														
Litter - Standing	3						2					1									1					**4**	**3**			
Litter - Down					8					8					9					9					4					**38**
Basal Vegetation					1					2					1															**4**
	3				10		2			10		1			10					10	1				10	4	3			50
SPECIES																														
Agropyron smithii						2	1			1	1	1			1											**3**	**2**			**2**
Elymus virginicus																2										**2**				
Poa pratensis	2	1	2		1	4	1	1			1															**7**	**2**	**3**		**1**
Artemisia ludoviciana							2			1																	**2**			**1**
Psoralea argophylla						2																				**2**				
Thalictrum dasycarpum																	1										**1**			
Atriplex subspicata																3					5	1				**8**	**1**			
Symphoricarpos occidentalis	3	3	1								4															**7**	**3**	**1**		

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE RW-17

Slope (percent) 2
Aspect (degrees) 304
Topography Floodplain Terrace
Configuration Straight

Ecological Site Riparian Woodland
Community Type *Fraxinus pennsylvanica-Acer negundo/Symphoricarpos occidentalis/Poa pratensis*
Investigator KS, DB
Date 8-22-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground																														
Rock																														
Lichens																														
Moss																														
Litter - Standing	1						3										1	1			4	2	1			**5**	**6**	**2**		
Litter - Down					7					9					9					10					10					**45**
Basal Vegetation					3					1					1															**5**
	1				10		3			10					10		1	1		10	4	2	1		10	5	6	2		50
SPECIES																														
Carex laeviconica		2				2					1	1														**3**	**3**			
Elymus virginicus		1													1								1				**1**	**1**		**1**
Poa pratensis						2	1			1		2						1								**2**	**3**	**1**		**1**
Taraxacum officinale							1																				**1**			
Viola pratincola																1										**1**				
Symphoricarpos occidentalis	4	1	1			2					2					8	5	2	1		1	1	1			**17**	**7**	**4**	**1**	
Fraxinus pennsylvanica	1				3																					**1**				**3**
Ulmus americana						1																				**1**				

SAMPLE SITE RW-18

Slope (percent) 2-3
Aspect (degrees) 033
Topography Bottom
Configuration Straight (Concave)

Ecological Site Riparian Woodland
Community Type *Fraxinus pennsylvanica/Symphoricarpos occidentalis/ Poa pratensis*
Investigator KS, DB
Date 8-21-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground										2					1										4					**7**
Rock																														
Lichens																														
Moss																														
Litter - Standing																1	1									**1**	**1**			
Litter - Down					10					8					9					10					6					**43**
Basal Vegetation																														
					10					10					10	1	1			10					10	1	1			50
SPECIES																														
Carex brevior						1						1														**1**	**1**			
Carex laeviconica						3										1					1					**5**				
Elymus virginicus																						1					**1**			
Plantago eriopoda																					1					**1**				
Taraxacum officinale											1															**1**				
Atriplex subspicata	3					1	1						1								1					**5**	**1**	**1**		
Symphoricarpos occidentalis											3					1										**4**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE RW-19

Slope (percent) 2-3/25-30
Aspect (degrees) 320/040
Topography Terrace/Bottom
Configuration Concave

Ecological Site Riparian Woodland
Community Type *Fraxinus pennsylvanica-Acer negundo/Symphoricarpos occidentalis/Poa pratensis*
Investigator KS, DB
Date 8-22-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground										1					2					3										**6**
Rock																														
Lichens																														
Moss																														
Litter - Standing	1					1	1	1			1					3	1					1				**6**	**3**	**1**		
Litter - Down					8					9					8					7					10					**42**
Basal Vegetation					2																									**2**
	1				10	1	1	1		10	1				10	3	1			10		1			10	6	3	1		50
SPECIES																														
Agropyron smithii																	1										**1**			
Carex laeviconica	1				1																					**1**				**1**
Elymus virginicus	1																									**1**				
Stipa viridula																2					1					**3**				
Bromus inermis						3	2																			**3**	**2**			
Poa pratensis					1						2	1						1			1	1				**3**	**2**	**1**		**1**
Aster simplex							1																				**1**			
Monarda fistulosa	2					1																				**3**				
Symphoricarpos occidentalis	2	2				2					2										7					**13**	**2**			

SAMPLE SITE RW-21

Slope (percent) 2
Aspect (degrees) 330
Topography Bottom
Configuration Straight (Concave)

Ecological Site Riparian Woodland
Community Type *Fraxinus pennsylvanica-Ulmus americana/ Symphoricarpos occidentalis/Poa pratensis*
Investigator KS, DB
Date 8-20-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground																				1					2					**3**
Rock																														
Lichens																														
Moss																														
Litter - Standing						1	1				1		1			3	2				1					**6**	**3**	**1**		
Litter - Down					10					9					10					8					8					**45**
Basal Vegetation										1										1										**2**
					10	1	1			10	1		1		10	3	2			10	1				10	6	3	1		50
SPECIES																														
Carex gravida										1																				**1**
Stipa viridula																					1					**1**				
Agropyron cristatum													1															**1**		
Bromus inermis											1	1				1										**2**	**1**			
Poa pratensis																					1					**1**				
Artemisia ludoviciana																1										**1**				
Atriplex subspicata	2					3	1																			**5**	**1**			
Symphoricarpos occidentalis	2	2									1					3				1	1					**7**	**2**			**1**

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE RW-22

Slope (percent) 2-3
Aspect (degrees) 077
Topography Floodplain Terrace
Configuration Straight

Ecological Site Riparian Woodland
Community Type *Fraxinus pennsylvanica/Acer negundo/Bromus inermis*
Investigator KS, DB
Date 9-6-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground																														
Rock																														
Lichens																														
Moss																														
Litter - Standing	1										1					1					9	1				**12**	**1**			
Litter - Down					10					10					10					9					9					**48**
Basal Vegetation																				1					1					**2**
	1				10					10	1				10	1				10	9	1			10	12	1			50
SPECIES																														
Bromus inermis	2	1				6	3	1			8	2				1				1	1	4	1		1	**18**	**10**	**2**		**2**
Atriplex subspicata	1															2	1	1								**3**	**1**	**1**		

SAMPLE SITE RW-23

Slope (percent) 2
Aspect (degrees) 306
Topography Terrace/Toe
Configuration Straight

Ecological Site Riparian Woodland
Community Type *Fraxinus pennsylvanica/Bromus inermis*
Investigator KS, DB
Date 9-7-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground																														
Rock																														
Lichens																														
Moss																														
Litter - Standing	4	1				5	1				1					1										**11**	**2**			
Litter - Down					10					10					9					9					9					**47**
Basal Vegetation															1					1					1					**3**
	4	1			10	5	1			10	1				10	1				10					10	11	2			50
SPECIES																														
Bromus inermis	5	2				4	4				8	1			1	9	3			1	9	4	1		1	**35**	**14**	**1**		**3**

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE RW-24

Slope (percent) 2-3
Aspect (degrees) 106
Topography Floodplain Terrace
Configuration Straight (Concave)

Ecological Site Riparian Woodland
Community Type *Fraxinus pennsylvanica-Ulmus americana/ Bromus inermis(Symphoricarpos occidentalis)*
Investigator KS, DB
Date 9-9-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground																														
Rock																														
Lichens																														
Moss																														
Litter - Standing		2	1			2	2	1			4	1	2			2	1				1	2	1			**9**	**8**	**5**		
Litter - Down					10					9					10					9					10					**48**
Basal Vegetation										1										1										**2**
		2	1		10	2	2	1		10	4	1	2		10	2	1			10	1	2	1		10	9	8	5		50
SPECIES																														
Bromus inermis	8	4				4	1				5	2				7	4	2		1	7	2				**31**	**13**	**2**		**1**
Poa pratensis						3	5	3		1		2									1	3	1			**4**	**10**	**4**		**1**

SAMPLE SITE RW-25

Slope (percent) 2-3
Aspect (degrees) 075
Topography Floodplain Terrace
Configuration Straight

Ecological Site Riparian Woodland
Community Type *Fraxinus pennsylvanica-Acer negundo/Poa pratensis-Bromus inermis*
Investigator KS, DB
Date 8-23-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground															1															**1**
Rock																														
Lichens																														
Moss																														
Litter - Standing						1																				**1**				
Litter - Down					8					9					9					10					9					**45**
Basal Vegetation					2					1															1					**4**
					10	1				10					10					10					10	1				50
SPECIES																														
Carex brevior																1										**1**				
Bromus inermis	2					4					1					3					4					**14**				
Poa pratensis	3	2			2	1				1	4										1				1	**9**	**2**			**4**
Taraxacum officinale											1															**1**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE RW-26

Slope (percent) 1-2
Aspect (degrees) 140
Topography Terrace
Configuration Straight

Ecological Site Riparian Woodland
Community Type *Fraxinus pennsylvanica-Acer negundo/Poa pratensis-Bromus inermis*
Investigator KS, DB
Date 8-23-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground															4															**4**
Rock																														
Lichens																														
Moss										1																				**1**
Litter - Standing						1										4					1	2				**6**	**2**			
Litter - Down					10					9					5					9					9					**42**
Basal Vegetation															1					1					1					**3**
					10	1				10					10	4				10	1	2			10	6	2			50
SPECIES																														
Agropyron cristatum											2				1						1				1	**3**				**2**
Bromus inermis	3					3					3										6	2				**15**	**2**			
Poa pratensis						1										1				1	1					**3**				**1**

SAMPLE SITE RW-27

Slope (percent) 2-3
Aspect (degrees) 047
Topography low Terrace
Configuration Straight (Concave)

Ecological Site Riparian Woodland
Community Type *Fraxinus pennsylvanica/Poa pratensis-Bromus inermis*
Investigator KS, DB
Date 8-23-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground																				7					1					**8**
Rock																														
Lichens																														
Moss																														
Litter - Standing											1										2					**3**				
Litter - Down					9					10					10					3					8					**40**
Basal Vegetation					1																				1					**2**
					10					10	1				10					10	2				10	3				50
SPECIES																														
Bromus inermis					1						2	2				2					4	2			1	**8**	**4**			**2**
Poa pratensis											3					1					3					**7**				
Taraxacum officinale																2										**2**				
Artemisia biennis																1										**1**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE RW-28

Slope (percent) 1-2
Aspect (degrees) 058
Topography Floodplain Terrace
Configuration Straight

Ecological Site Riparian Woodland
Community Type *Fraxinus pennsylvanica-Ulmus americana/ Poa pratensis-Bromus inermis*
Investigator KS, DB
Date 8-23-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground										1																				**1**
Rock																														
Lichens																														
Moss																														
Litter - Standing	1					1					3					2	1				6					**13**	**1**			
Litter - Down					10					8					9					9					10					**46**
Basal Vegetation										1					1					1										**3**
	1				10	1				10	3				10	2	1			10	6				10	13	1			50
SPECIES																														
Bromus inermis	2					2	1				2	1				2				1						**8**	**2**			**1**
Poa pratensis	3					2				1	1	1			1	2										**8**	**1**			**2**
Symphoricarpos occidentalis																					2	1				**2**	**1**			

SAMPLE SITE RW-29

Slope (percent) 1-2
Aspect (degrees) 038
Topography Floodplain Terrace
Configuration Straight

Ecological Site Riparian Woodland
Community Type *Fraxinus pennsylvanica-Acer negundo/Poa pratensis/ Bromus inermis*
Investigator KS, DB
Date 8-23-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground					5					2										1										**8**
Rock																														
Lichens																														
Moss																														
Litter - Standing						1					3					1						1				**5**	**1**			
Litter - Down					4					8					8					9					10					**39**
Basal Vegetation					1										2															**3**
					10	1				10	3				10	1				10		1			10	5	1			50
SPECIES																														
Bromus inermis						1					4	1			1						1					**6**	**1**			**1**
Poa pratensis					1										1	1					3					**4**				**2**

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE RW-30

Slope (percent) 1-3
Aspect (degrees) 037
Topography Floodplain Terrace
Configuration Straight

Ecological Site Riparian Woodland
Community Type *Fraxinus pennsylvanica/Bromus inermis/Poa pratensis*
Investigator KS, DB
Date 9-7-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground																									2					**2**
Rock																														
Lichens																														
Moss																														
Litter - Standing	1					1										1					1					**4**				
Litter - Down					9					10					8					10					7					**44**
Basal Vegetation					1										2										1					**4**
	1				10	1				10					10	1				10	1				10	4				50
SPECIES																														
Bromus inermis	2				1	4	1				2	1			2	1									1	**9**	**2**			**4**
Poa pratensis						1	1									2										**3**	**1**			
Atriplex subspicata	1										1															**2**				

SAMPLE SITE RW-31

Slope (percent) 2
Aspect (degrees) 172
Topography Bottom
Configuration Straight (Concave)

Ecological Site Riparian Woodland
Community Type *Fraxinus pennsylvanica/Acer negundo/Bromus inermis*
Investigator KS, DB
Date 9-9-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground																									1					**1**
Rock																														
Lichens																														
Moss																														
Litter - Standing		2				1											1					3	1			**1**	**6**	**1**		
Litter - Down					10					8					10					9					7					**44**
Basal Vegetation										2										1					2					**5**
		2			10	1				10					10		1			10		3	1		10	1	6	1		50
SPECIES																														
Bromus inermis	5					7				2	3	1	1			1					6	1			2	**22**	**2**	**1**		**4**
Poa pratensis											1	1				3				1	3	1				**7**	**2**			**1**
Taraxacum officinale	1																									**1**				
Atriplex subspicata	2																									**2**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE RW-32

Slope (percent) 2-3
Aspect (degrees) 050
Topography Floodplain Terrace
Configuration Straight

Ecological Site Riparian Woodland
Community Type *Fraxinus pennsylvanica/Acer negundo/Bromus inermis/ Poa pratensis*
Investigator KS, DB
Date 9-9-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground																														
Rock																														
Lichens																														
Moss																														
Litter - Standing							1						1			2										**2**	**1**	**1**		
Litter - Down					10					10					9					9					9					**47**
Basal Vegetation															1					1					1					**3**
SPECIES					10		1			10			1		10	2				10					10	2	1	1		50
Agropyron cristatum																									1					**1**
Bromus inermis	1					3					2	1				3					1	1				**10**	**2**			
Poa pratensis						2					2				1	2	1			1	4					**10**	**1**			**2**
Kochia scoparia	2																									**2**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE DTW-3

Slope (percent) 3-5/45-60
Aspect (degrees) 022
Topography Bottom/Banks
Configuration Concave

Ecological Site Deciduous Tree Woodland
Community Type *Fraxinus pennsylvanica-Ulmus americana/ Bromus inermis-Poa pratensis*
Investigator KS/ED
Date 6-14-07

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground										2																				**2**
Rock																														
Lichens																														
Moss										1																				**1**
Litter - Standing						1						1				4										**5**	**1**			
Litter - Down					9					4					10					10					9					**42**
Basal Vegetation					1					3															1					**5**
					10	1				10		1			10	4				10					10	5	1			50
SPECIES																														
Carex saximontana						2				1																**2**				**1**
Agropyron repens											2										1					**3**				
Bromus inermis	1		1			1	1									2	1									**4**	**2**	**1**		
Poa pratensis	5	1			1	2				2	5	2					1				4	5			1	**16**	**9**			**4**
Thalictrum venulosum																					1	1				**1**	**1**			
Taraxacum officinale	1	1				1																				**2**	**1**			
Parietaria pensylvanica						1	1																			**1**	**1**			
Symphoricarpos occidentalis																3	1									**3**	**1**			

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE SwCy-1

Slope (percent) 6
Aspect (degrees) 354
Topography Midslope
Configuration Concave

Ecological Site Shallow Clayey
Community Type *Calamovilfa longifolia/Carex filifolia*
Investigator LL, PC
Date 9-8-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground										2					5										1					**8**
Rock																														
Lichens																														
Moss																														
Litter - Standing	3	6	1			7	1	1								4	2				3	4	1			**17**	**13**	**3**		
Litter - Down					10					8					5					10					8					**41**
Basal Vegetation																									1					**1**
	3	6	1		10	7	1	1		10					10	4	2			10	3	4	1		10	17	13	3		50
SPECIES																														
Carex filifolia	1										5	1				1	1									**7**	**2**			
Koeleria pyramidata																									1					**1**
Bouteloua gracilis							1				2					1					1					**4**	**1**			
Calamovilfa longifolia	4					2	1									2						1				**8**	**2**			
Poa pratensis	1	2					1														4	1				**5**	**4**			
Liatris punctata																					1					**1**				
Rosa woodsii	1						1																1			**1**	**1**	**1**		

SAMPLE SITE SwCy-2

Slope (percent) 17
Aspect (degrees) 220
Topography Ridge
Configuration Convex

Ecological Site Shallow Clayey
Community Type *Stipa comata/Carex filifolia*
Investigator DC, JB
Date 9-6-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					5					5					2					5					2					**19**
Rock																														
Lichens															1					1					1					**3**
Moss																														
Litter - Standing						1																				**1**				
Litter - Down					5					3					4					3					4					**19**
Basal Vegetation										2					3					1					3					**9**
					10	1				10					10					10					10	1				50
SPECIES																														
Carex filifolia						1					3				3	3					2				3	**9**				**6**
Stipa comata										1	1															**1**				**1**
Bouteloua gracilis																				1	1					**1**				**1**
Phlox hoodii										1																				**1**

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE SwLy-1

Slope (percent) 4
Aspect (degrees) 205
Topography Upper slope
Configuration Straight

Ecological Site Shallow Loamy
Community Type *Agropyron smithii/Carex filifolia/Bouteloua gracilis*
Investigator LL, PC
Date 8-21-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground																				1					2					**3**
Rock																														
Lichens															1															**1**
Moss																														
Litter - Standing	5	1														1	2	1			1					**7**	**3**	**1**		
Litter - Down					9					9					7					9					5					**39**
Basal Vegetation					1					1					2										3					**7**
	5	1			10					10					10	1	2	1		10	1				10	7	3	1		50
SPECIES																														
Agropyron smithii	2										2					2		1			1					**7**		**1**		
Carex filifolia																2	1				2				1	**4**	**1**			**1**
Koeleria pyramidata		1														1					1					**2**	**1**			
Stipa comata																					1					**1**				
Bouteloua gracilis	1	2	1		1	3				1	1				2	3	2				2	1			1	**10**	**5**	**1**		**5**
Antennaria parvifolia																									1					**1**
Psoralea argophylla						1																				**1**				
Sphaeralcea coccinea											1															**1**				
Plantago patagonica												1															**1**			

SAMPLE SITE SwLy-2

Slope (percent) 12
Aspect (degrees) 136
Topography Lower slope
Configuration Convex

Ecological Site Shallow Loamy
Community Type *Agropyron smithii/Buchloe dactyloides/Bouteloua gracilis*
Investigator LL, PC
Date 8-18-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground										1					3					1										**5**
Rock																														
Lichens					2										1										1					**4**
Moss																														
Litter - Standing	3					1	1				1					1					1	1				**7**	**2**			
Litter - Down					7					7					6					4					7					**31**
Basal Vegetation					1					2										5					2					**10**
	3				10	1	1			10	1				10	1				10	1	1			10	7	2			50
SPECIES																														
Agropyron dasystachyum						1				1	1															**2**				**1**
Agropyron smithii	1										1															**2**				
Koeleria pyramidata																					1					**1**				
Stipa comata		1																									**1**			
Bouteloua gracilis																4				1	1					**5**				**1**
Buchloe dactyloides	2	1				4	1			1	1										4	1				**11**	**3**			**1**
Festuca octoflora											1															**1**				
Phlox hoodii		1																									**1**			
Psoralea argophylla	1																									**1**				
Selaginella densa					1															4					2					**7**

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE SwLy-3

Slope (percent) 12
Aspect (degrees) 043
Topography Midslope
Configuration Undulating

Ecological Site Shallow Loamy
Community Type *Stipa comata/Stipa viridula/Buchloe dactyloides*
Investigator LL, PC
Date 8-21-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					1					4					1					3					5					**14**
Rock																									1					**1**
Lichens																														
Moss																														
Litter - Standing	1										1						1				1	1				**3**	**2**			
Litter - Down					6					5					8					6					4					**29**
Basal Vegetation					3					1					1					1										**6**
	1				10					10	1				10		1			10	1	1			10	3	2			50
SPECIES																														
Agropyron smithii	1															1				1						**2**				**1**
Carex filifolia																1										**1**				
Koeleria pyramidata											1															**1**				
Stipa viridula											1															**1**				
Bouteloua gracilis																1										**1**				
Buchloe dactyloides	2				3	1				1	4				1						1					**8**				**5**
Muhlenbergia cuspidata																					1					**1**				
Achillea millefolium	1																									**1**				
Artemisia frigida																1										**1**				

SAMPLE SITE SwLy-4

Slope (percent) 7
Aspect (degrees) 215
Topography Ridge
Configuration Straight (Convex)

Ecological Site Shallow Loamy
Community Type *Stipa comata/Carex filifolia/Bouteloua gracilis*
Investigator DC, JB
Date 8-21-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					2					6															2					**10**
Rock																														
Lichens															1															**1**
Moss															1															**1**
Litter - Standing	1	1									1					1					2					**5**	**1**			
Litter - Down					7					2					5					8					8					**30**
Basal Vegetation					1					2					3					2										**8**
	1	1			10					10	1				10	1				10	2				10	5	1			50
SPECIES																														
Agropyron smithii	1																									**1**				
Carex eleocharis										1																				**1**
Carex filifolia	3				1						4				2	1				1	2					**10**				**4**
Koeleria pyramidata											1															**1**				
Stipa comata											1					1					1					**3**				
Bouteloua gracilis	1									1		1			1	1	1			1		1				**2**	**3**			**3**

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE SwLy-5

Slope (percent) 10
Aspect (degrees) 037
Topography Midslope
Configuration Concave (Straight)

Ecological Site Shallow Loamy
Community Type *Buchloe dactyloides/Bouteloua gracilis*
Investigator DC, LL (JB, PC)
Date 8-21-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground										1					2															**3**
Rock																														
Lichens																									2					**2**
Moss																														
Litter - Standing											1										2	1				**3**	**1**			
Litter - Down					8					8					7					4					8					**35**
Basal Vegetation					2					1					1					6										**10**
					10					10	1				10					10	2	1			10	3	1			50
SPECIES																														
Agropyron smithii																					1					**1**				
Carex filifolia						1																				**1**				
Carex heliophila						2																				**2**				
Koeleria pyramidata																1					1					**2**				
Poa sandbergii											1															**1**				
Stipa comata																1				1						**1**				**1**
Stipa viridula						1																				**1**				
Buchloe dactyloides	3									1	4				1	2					4					**13**				**2**
Antennaria parvifolia					1						1															**1**				**1**
Aster commutatus																1										**1**				
Selaginella densa					1															5										**6**

SAMPLE SITE SwLy-6

Slope (percent) 3
Aspect (degrees) 218
Topography Swale
Configuration Concave

Ecological Site Shallow Loamy
Community Type *Agropyron smithii//Buchloe dactyloides (Artemisia cana)*
Investigator LL, PC
Date 8-20-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					1															3										**4**
Rock																														
Lichens																														
Moss																														
Litter - Standing	1	1				1										1					1	1	1			**4**	**2**	**1**		
Litter - Down					8					9					9					6					10					**42**
Basal Vegetation					1					1					1					1										**4**
	1	1			10	1				10					10	1				10	1	1	1		10	4	2	1		50
SPECIES																														
Agropyron smithii	3				1	1										1				1	1					**6**				**2**
Buchloe dactyloides						4	1			1	3	1			1						4	1				**11**	**3**			**2**
Poa pratensis	1																				2					**3**				
Achillea millefolium																					1					**1**				
Artemisia ludoviciana	2	1																								**2**	**1**			
Medicago lupulina		1									1					3										**4**	**1**			

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE SwLy-7

Slope (percent) 15
Aspect (degrees) 225
Topography Midslope
Configuration Straight

Ecological Site Shallow Loamy
Community Type *Stipa comata/Carex filifolia/Calamovilfa longifolia*
Investigator DC, JB
Date 9-6-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					1					2															1					**4**
Rock																														
Lichens																														
Moss																														
Litter - Standing	3	2	2			6	2				6	3	1			5	1				8	5	2			**28**	**13**	**5**		
Litter - Down					7					6					9					8					9					**39**
Basal Vegetation					2					2					1					2										**7**
	3	2	2		10	6	2			10	6	3	1		10	5	1			10	8	5	2		10	28	13	5		50
SPECIES																														
Agropyron smithii	4					3					2	1														**9**	**1**			
Carex eleocharis	1	1																								**1**	**1**			
Carex filifolia		3					2			1		1										2					**8**			**1**
Carex heliophila																					1					**1**				
Stipa comata	2				2					1	2															**4**				**3**
Calamovilfa longifolia																					1					**1**				
Agropyron cristatum						1										3	1			2						**4**	**1**			**2**
Poa pratensis															1															**1**

SAMPLE SITE SwLy-8

Slope (percent) 19
Aspect (degrees) 330
Topography Upper slope
Configuration Convex

Ecological Site Shallow Loamy
Community Type *Andropogon scoparius/Carex filifolia/Stipa comata*
Investigator DC, JB
Date 9-7-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					4					4					2					6					1					**17**
Rock																														
Lichens					1										1															**2**
Moss																														
Litter - Standing	1					1					1															**3**				
Litter - Down					2					4					6					4					8					**24**
Basal Vegetation					3					2					1										1					**7**
	1				10	1				10	1				10					10					10	3				50
SPECIES																														
Carex filifolia										1	3	1			1	1										**4**	**1**			**2**
Stipa comata																1					2					**3**				
Poa pratensis						1																				**1**				
Antennaria microphylla					3																1					**1**				**3**
Comandra umbellata	1																									**1**				
Linum perenne										1																				**1**
Solidago nemoralis																					1				1	**1**				**1**
Solidago rigida						1					1															**2**				
Calylophus serrulatus																					1					**1**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE SwLy-9

Slope (percent) 14
Aspect (degrees) 008
Topography Upper slope
Configuration Concave

Ecological Site Shallow Loamy
Community Type *Stipa comata/Carex filifolia/Bouteloua gracilis*
Investigator LL, PC
Date 9-7-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					3										2															**5**
Rock																														
Lichens					1					2					4															**7**
Moss																														
Litter - Standing																	2				1					**1**	**2**			
Litter - Down					4					5					4					9					5					**27**
Basal Vegetation					2					3										1					5					**11**
					10					10					10		2			10	1				10	1	2			50
SPECIES																														
Agropyron dasystachyum											1					1					1					**3**				
Carex filifolia					1	1				1	1	1				1				1						**3**	**1**			**3**
Koeleria pyramidata																					1					**1**				
Stipa comata						1					1															**2**				
Bouteloua gracilis	7				1					1						3	1				3	1				**13**	**2**			**2**
Muhlenbergia cuspidata											1															**1**				
Antennaria microphylla																									2					**2**
Aster pansus																									1					**1**
Astragalus gilviflorus											2															**2**				
Taraxacum officinale																									1					**1**
Selaginella densa										1															1					**2**

SAMPLE SITE SwLy-10

Slope (percent) 25
Aspect (degrees) 040
Topography Shoulder
Configuration Undulating

Ecological Site Shallow Loamy
Community Type *Stipa comata/Carex filifolia/Calamovilfa longifolia*
Investigator DC, JB
Date 9-6-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground															1															**1**
Rock																														
Lichens															1					6										**7**
Moss																														
Litter - Standing	2	2				4	1				3						2				2	1				**11**	**6**			
Litter - Down					8					10					2					4					6					**30**
Basal Vegetation					2										6										4					**12**
	2	2			10	4	1			10	3				10		2			10	2	1			10	11	6			50
SPECIES																														
Agropyron dasystachyum		1																									**1**			
Carex filifolia	1										1					2										**4**				
Carex heliophila	1	1				2																				**3**	**1**			
Stipa comata	3										2				2	1					3					**9**				**2**
Bouteloua gracilis																									1					**1**
Calamovilfa longifolia																					2					**2**				
Thermopsis rhombifolia						1	1																			**1**	**1**			
Selaginella densa					2										4										3					**9**

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE SwLy-11

Slope (percent) 12
Aspect (degrees) 085
Topography Ridge
Configuration Convex

Ecological Site Shallow Loamy
Community Type *Calamovilfa longifolia/Carex filifolia/Stipa comata*
Investigator DC, JB
Date 9-6-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					1					1										1					2					5
Rock																														
Lichens										2										1					1					4
Moss																														
Litter - Standing	2	1				3					2	1				1					2					10	2			
Litter - Down					9					5					8					8					7					37
Basal Vegetation										2					2															4
	2	1			10	3				10	2	1			10	1				10	2				10	10	2			50
SPECIES																														
Carex filifolia	2															1					1					4				
Carex heliophila		1				2	1				1				1	1										4	2			1
Koeleria pyramidata											1															1				
Stipa comata	1									2						2					2					5				2
Calamovilfa longifolia	1					1					1										1					4				
Artemisia ludoviciana																	1										1			
Aster commutatus											1															1				
Selaginella densa															1															1
Rosa arkansana	1																									1				

SAMPLE SITE SwLy-12

Slope (percent) 16
Aspect (degrees) 238
Topography Midslope
Configuration Convex

Ecological Site Shallow Loamy
Community Type *Agropyron smithii/Bouteloua gracilis*
Investigator DC, JB
Date 8-18-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground										4					2					3					1					10
Rock																														
Lichens					1					1					4										3					9
Moss										1																				1
Litter - Standing						1	2				2					2	1				4		1			9	3	1		
Litter - Down					7					4					3					4					5					23
Basal Vegetation					2										1					3					1					7
					10	1	2			10	2				10	2	1			10	4		1		10	9	3	1		50
SPECIES																														
Agropyron smithii	2				1	1					2	1				1				1						6	1			2
Carex eleocharis																					1	1				1	1			
Carex filifolia																1					1					2				
Koeleria pyramidata						1																				1				
Stipa comata					1	1					1															2				1
Bouteloua gracilis	1														1	4	1			1	1				1	6	1			3
Astragalus gilviflorus							1																				1			
Gutierrezia sarothrae						1																				1				
Phlox hoodii																				1										1

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE SwLy-13

Slope (percent) 10
Aspect (degrees) 230
Topography Midslope
Configuration Concave

Ecological Site Shallow Loamy
Community Type *Agropyron smithii/Bouteloua gracilis (Stipa comata)*
Investigator DC, JB
Date 8-18-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground										2					1					1					2					**6**
Rock																														
Lichens															2										1					**3**
Moss					2																									**2**
Litter - Standing	6	1				2	2				3	2				1					1					**13**	**5**			
Litter - Down					7					8					6					7					7					**35**
Basal Vegetation					1										1					2										**4**
	6	1			10	2	2			10	3	2			10	1				10	1				10	13	5			50
SPECIES																														
Agropyron smithii						1					1	1	1			2										**4**	**1**	**1**		
Stipa comata											2	1			1											**2**	**1**			**1**
Bouteloua gracilis	2	1	1		1	2	1				1	1								2	3					**8**	**3**	**1**		**3**
Festuca octoflora																					1					**1**				
Artemisia frigida						1																				**1**				
Sphaeralcea coccinea		1																									**1**			
Collomia linearis																1										**1**				

SAMPLE SITE SwLy-14

Slope (percent) 23
Aspect (degrees) 037
Topography Upper slope
Configuration Undulating

Ecological Site Shallow Loamy
Community Type *Stipa comata/Carex filifolia/Muhlenbergia cuspidata*
Investigator DC, JB
Date 9-7-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground										4										3					5					**12**
Rock																														
Lichens																				2										**2**
Moss																														
Litter - Standing						1															1					**2**				
Litter - Down					8					5					7					3					5					**28**
Basal Vegetation					2					1					3					2										**8**
					10	1				10					10					10	1				10	2				50
SPECIES																														
Agropyron dasystachyum						1																				**1**				
Carex filifolia	2	1			1	3				1											1					**6**	**1**			**2**
Koeleria pyramidata	1																				1					**2**				
Stipa viridula	2				1																					**2**				**1**
Bouteloua gracilis																					1					**1**				
Muhlenbergia cuspidata	1										1															**2**				
Antennaria microphylla															3					2										**5**
Artemisia frigida	1																									**1**				
Liatris punctata											1															**1**				
Solidago nemoralis											1															**1**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE SwLy-15

Slope (percent) 22
Aspect (degrees) 259
Topography Upper slope
Configuration Convex

Ecological Site Shallow Loamy
Community Type *Stipa comata/Carex filifolia/Calamovilfa longifolia*
Investigator LL, PC
Date 9-9-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					1					6					1					4					3					**15**
Rock																														
Lichens					3																				2					**5**
Moss																														
Litter - Standing	1	4				1	1				1	1				3	2					2				**6**	**10**			
Litter - Down					6					2					9					5					5					**27**
Basal Vegetation										2										1										**3**
	1	4			10	1	1			10	1	1			10	3	2			10		2			10	6	10			50
SPECIES																														
Agropyron dasystachyum						3	1			1	2	1				1					1					**7**	**2**			**1**
Agropyron smithii																					3					**3**				
Carex filifolia	5					2	2			1	4		1			3	2	1		1	3	1				**17**	**5**	**2**		**2**
Stipa comata	2																				1					**3**				
Bouteloua gracilis											2															**2**				
Calamovilfa longifolia	1															1	1									**2**	**1**			
Muhlenbergia cuspidata						1																				**1**				
Erigeron pumilus																1										**1**				
Phlox hoodii																					1					**1**				
Thermopsis rhombifolia											1															**1**				

SAMPLE SITE SwLy-16

Slope (percent) 11
Aspect (degrees) 184
Topography Ridge
Configuration Undulating

Ecological Site Shallow Loamy
Community Type *Andropogon scoparius/Calamovilfa longifolia/ Carex filifolia/Bouteloua gracilis*
Investigator JB, CB
Date 8-22-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					2										2										2					**6**
Rock																														
Lichens																									2					**2**
Moss																														
Litter - Standing	1					2					1					2	1	1								**6**	**1**	**1**		
Litter - Down					7					10					6					10					5					**38**
Basal Vegetation					1										2										1					**4**
	1				10	2				10	1				10	2	1	1		10					10	6	1	1		50
SPECIES																														
Agropyron dasystachyum						1										2					2					**5**				
Carex filifolia						1					2				1		1				1					**4**	**1**			**1**
Koeleria pyramidata											1															**1**				
Stipa comata		1																									**1**			
Andropogon scoparius	2				1	2	1																			**4**	**1**			**1**
Bouteloua gracilis															1										1					**2**
Calamovilfa longifolia																2										**2**				
Liatris punctata	1																									**1**				
Grindelia squarrosa											1															**1**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE SwSy-1

Slope (percent) 18
Aspect (degrees) 189
Topography Midslope
Configuration Convex

Ecological Site Shallow Sandy
Community Type *Andropogon scoparius/Calamovilfa longifolia/Carex filifolia*
Investigator LL, PC
Date 9-6-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					1															3					2					**6**
Rock																														
Lichens					1																									**1**
Moss																														
Litter - Standing	1					1	4	1				2									1	1				**3**	**7**	**1**		
Litter - Down					7					10					9					6					6					**38**
Basal Vegetation					1										1					1					2					**5**
	1				10	1	4	1		10		2			10					10	1	1			10	3	7	1		50
SPECIES																														
Agropyron dasystachyum																1										**1**				
Carex eleocharis						2					2										3				2	**7**				**2**
Koeleria pyramidata	1																									**1**				
Stipa comata						4	1				2										3					**9**	**1**			
Andropogon scoparius											4				1	1	1									**5**	**1**			**1**
Bouteloua gracilis		1														2				1	1	1				**3**	**2**			**1**
Calamovilfa longifolia	3				1											1										**4**				**1**
Muhlenbergia cuspidata																1										**1**				
Artemisia ludoviciana						1																				**1**				

SAMPLE SITE SwSy-2

Slope (percent) 10
Aspect (degrees) 172
Topography Ridge
Configuration Straight

Ecological Site Shallow Sandy
Community Type *Stipa comata/Calamovilfa longifolia/Bouteloua gracilis*
Investigator DC, JB
Date 8-21-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					5					3					3					4					3					**18**
Rock																														
Lichens					1					1										1					1					**4**
Moss																														
Litter - Standing	3	1									2	1					3					1				**5**	**6**			
Litter - Down					2					3					7					5					5					**22**
Basal Vegetation					2					3															1					**6**
	3	1			10					10	2	1			10		3			10		1			10	5	6			50
SPECIES																														
Agropyron smithii	1										1															**2**				
Carex eleocharis	1				1						1	1				2	1									**4**	**2**			**1**
Carex filifolia																					1					**1**				
Carex heliophila																1										**1**				
Koeleria pyramidata											1															**1**				
Stipa comata	1					2				1						1										**4**				**1**
Bouteloua gracilis					1	2				1	2					2					2				1	**8**				**3**
Opuntia fragilis										1																				**1**

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE Cp-1

Slope (percent) 4
Aspect (degrees) 330-050
Topography Bottom
Configuration Concave

Ecological Site Claypan
Community Type *Hordeum jubatum/Distichlis spicata/Puccinellia nuttalliana*
Investigator LL, PC
Date 9-7-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground					5					4					1					2					3					**15**
Rock																														
Lichens																														
Moss																														
Litter - Standing	1	2				4					1	3	2			2						1	3			**8**	**6**	**5**		
Litter - Down					5					6					6					8					7					**32**
Basal Vegetation															3															**3**
	1	2			10	4				10	1	3	2		10	2				10		1	3		10	8	6	5		50
SPECIES																														
Hordeum jubatum						1					4	1	1		2	1					7	3	1			**13**	**4**	**2**		**2**
Poa glaucifolia											3	1				3										**6**	**1**			
Puccinellia nuttalliana	5																									**5**				
Distichlis spicata						1					2	1			1	2	1				1	1				**6**	**3**			**1**

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE TCp-1

Slope (percent) 7
Aspect (degrees) 085
Topography Lower slope
Configuration Undulating

Ecological Site Thin Claypan
Community Type *Agropyron smithii/Buchloe dactyloides*
Investigator LL, PC
Date 8-18-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					1					2					3										2					**8**
Rock															2															**2**
Lichens					2					3																				**5**
Moss															1					1										**2**
Litter - Standing	2					2	2														2	1				**6**	**3**			
Litter - Down					7					5					4					7					7					**30**
Basal Vegetation																				2					1					**3**
	2				10	2	2			10					10					10	2	1			10	6	3			50
SPECIES																														
Agropyron dasystachyum						1																				**1**				
Agropyron smithii						1					2	1				1					1	1				**5**	**2**			
Buchloe dactyloides	6	1				2					1	1				7				2	2		1		1	**18**	**2**	**1**		**3**
Artemisia frigida												1															**1**			
Medicago lupulina											1															**1**				

SAMPLE SITE TCp-2

Slope (percent) 3
Aspect (degrees) 007
Topography Midslope
Configuration Straight

Ecological Site Thin Claypan
Community Type *Agropyron trachycaulum /Puccinellia nuttalliana/ Hordeum jubatum*
Investigator LL, PC
Date 8-23-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					9					10					10					10					7					**46**
Rock																									1					**1**
Lichens																														
Moss																														
Litter - Standing											1	1				1										**2**	**1**			
Litter - Down					1																				2					**3**
Basal Vegetation																														
					10					10	1	1			10	1				10					10	2	1			50
SPECIES																														
Agropyron trachycaulum											1															**1**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE TCp-3

Slope (percent) 3
Aspect (degrees) 210
Topography Midslope
Configuration Undulating

Ecological Site Thin Claypan
Community Type *Distichlis spicata/Agropyron cristatum*
Investigator JB, CB
Date 9-5-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					8					6					8					9					10					**41**
Rock																														
Lichens																														
Moss																														
Litter - Standing																														
Litter - Down					2					4					2					1										**9**
Basal Vegetation																														
					10					10					10					10					10					50
SPECIES																														
Distichlis spicata	2																				1					**3**				
Bromus inermis						1																				**1**				

SAMPLE SITE TCp-4

Slope (percent) 8
Aspect (degrees) 081
Topography Upper slope
Configuration Undulating

Ecological Site Thin Claypan
Community Type *Agropyron smithii/Buchloe dactyloides*
Investigator LL, PC
Date 8-22-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					3					5					6					3					2					**19**
Rock																				1										**1**
Lichens															1															**1**
Moss																														
Litter - Standing	1					1	1				1						1									**3**	**2**			
Litter - Down					6					4					2					5					7					**24**
Basal Vegetation					1					1					1					1					1					**5**
	1				10	1	1			10	1				10		1			10					10	3	2			50
SPECIES																														
Agropyron smithii	1					2																				**3**				
Calamagrostis montanensis						1					1				1	1										**3**				**1**
Carex filifolia											1															**1**				
Carex eleocharis	1																									**1**				
Buchloe dactyloides	3					1				1						5				1	4	1			1	**13**	**1**			**3**
Muhlenbergia cuspidata																					1					**1**				
Phlox hoodii					1																1					**1**				**1**

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE **TCp-5**

Slope (percent) 5
Aspect (degrees) 329
Topography Midslope
Configuration Undulating

Ecological Site Thin Claypan
Community Type *Agropyron dasystachyum/Agropyron smithii/Poa sandbergii*
Investigator KS/DC
Date 6-12-07

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground										5																				**5**
Rock																														
Lichens					1					2										1					1					**5**
Moss																														
Litter - Standing			1			1					2						1	2			3	1	2			**6**	**2**	**5**		
Litter - Down					5					2					9					9					6					**31**
Basal Vegetation					4					1					1										3					**9**
			1		10	1				10	2				10		1	2		10	3	1	2		10	6	2	5		50
SPECIES																														
Agropyron dasystachyum	2	1																								**2**	**1**			
Agropyron smithii	1											1				2										**3**	**1**			
Koeleria pyramidata																					1					**1**				
Poa sandbergii						2																				**2**				
Bouteloua gracilis																					1					**1**				
Poa pratensis											3		1			1										**4**		**1**		
Achillea millefolium	1	1			1						2	1									3					**6**	**2**			**1**
Cerastium arvense	1																									**1**				
Lomatium foeniculaceum		1				2																				**2**	**1**			
Opuntia polyacantha						1																				**1**				
Vicia americana											1															**1**				
Taraxacum officinale			1													2					1					**3**		**1**		
Selaginella densa					3					1					1										3					**8**
Hedeoma hispidum	1																									**1**				
Draba nemorosa																2										**2**				
Melilotus officinalis		1	1																								**1**	**1**		
Artemisia cana											1	1														**1**	**1**			

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE TCp-6

Slope (percent) 8
Aspect (degrees) 310
Topography Upper slope
Configuration Convex
Ecological Site Thin Claypan
Community Type *(Artemisia cana) Agropyron smithii/Poa sandbergii/Buchloe dactyloides*
Investigator KS/ED
Date 6-12-07

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground															1															**1**
Rock																														
Lichens					1					1					1					1					1					**5**
Moss																														
Litter - Standing		3				3																1				**3**	**4**			
Litter - Down					9					9					8					9					9					**44**
Basal Vegetation																														
SPECIES		3			10	3				10					10					10		1			10	3	4			50
Agropyron smithii	2										1					1					1					**5**				
Carex eleocharis						1										2	1									**3**	**1**			
Koeleria pyramidata																1										**1**				
Poa sandbergii											1										1		1			**2**		**1**		
Buchloe dactyloides	2	2				1					3	1				2	2	1			2	2	1			**10**	**7**	**2**		
Poa pratensis	2																									**2**				
Achillea millefolium											1							1								**1**		**1**		
Astragalus agrestis																					1					**1**				
Phlox hoodii																	1										**1**			
Psoralea argophylla																					2					**2**				
Vicia americana	2	1				1																1				**3**	**2**			
Taraxacum officinale						1										2		1								**3**		**1**		
Plantago patagonica												1					1										**2**			

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE TCp-7

Slope (percent) 2
Aspect (degrees) 188
Topography Lower slope
Configuration Undulating

Ecological Site Thin Claypan
Community Type *Agropyron smithii/Stipa viridula/Buchloe dactyloides*
Investigator LL, PC
Date 9-6-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					4					2					1					2					3					**12**
Rock																														
Lichens																														
Moss																														
Litter - Standing	2	1	1			3					5	1				2						2				**12**	**4**	**1**		
Litter - Down					6					7					6					8					7					**34**
Basal Vegetation										1					3															**4**
	2	1	1		10	3				10	5	1			10	2				10		2			10	12	4	1		50
SPECIES																														
Agropyron smithii	2	1					1				1				1						3					**6**	**2**			**1**
Koeleria pyramidata		2																									**2**			
Stipa viridula	1										1															**2**				
Bouteloua gracilis						2										1										**3**				
Buchloe dactyloides						1										2					3	1				**6**	**1**			
Poa pratensis	1					1				1	1				1											**3**				**2**
Aster pansus						1															1					**2**				
Ratibida columnifera											1															**1**				
Grindelia squarrosa	1					1															1					**3**				
Rosa woodsii															1															**1**

SAMPLE SITE TCp-8

Slope (percent) 1
Aspect (degrees) 270
Topography Lower slope
Configuration Straight

Ecological Site Thin Claypan
Community Type *Artemisia cana/Poa juncifolia/Agropyron smithii*
Investigator DC, JB
Date 9-8-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					9					9					4					7					5					**34**
Rock																														
Lichens																														
Moss																														
Litter - Standing												1				1										**1**	**1**			
Litter - Down					1					1					5					2					5					**14**
Basal Vegetation															1					1										**2**
					10					10		1			10	1				10					10	1	1			50
SPECIES																														
Agropyron smithii						1										1	1									**2**	**1**			
Poa juncifolia	1					1					1	2			1						1					**4**	**2**			**1**
Artemisia cana	1										2	1				1				1						**4**	**1**			**1**

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE TCp-9

Slope (percent) 3-4
Aspect (degrees) 012
Topography Terrace
Configuration Straight
Ecological Site Thin Claypan
Community Type *Artemisia cana/Agropyron smithii/Poa pratensis/Poa sandbergii/Buchloe dactyloides*
Investigator KS/ED
Date 6-13-07

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground										5															1					**6**
Rock																														
Lichens															1															**1**
Moss																														
Litter - Standing						2						1				2		1			1					**5**	**1**	**1**		
Litter - Down					9					4					8					10					9					**40**
Basal Vegetation					1					1					1															**3**
					10	2				10		1			10	2		1		10	1				10	5	1	1		50
SPECIES																														
Agropyron smithii	1	2				2	1									1	1				4	1				**8**	**5**			
Carex eleocharis		1			1																						**1**			**1**
Koeleria pyramidata												1															**1**			
Poa sandbergii	1					1					2															**4**				
Bouteloua gracilis			1																									**1**		
Buchloe dactyloides	2	2	1								3	1														**5**	**3**	**1**		
Poa pratensis	2					2					2					1										**7**				
Achillea millefolium	2										1										1					**4**				
Phlox hoodii												1			1												**1**			**1**
Vicia americana																						1					**1**			
Taraxacum officinale		1								1						1										**1**	**1**			**1**
Draba nemorosa	1																									**1**				
Thlaspi arvense						1																1				**1**	**1**			
Artemisia cana																3	1									**3**	**1**			

SAMPLE SITE TCp-10

Slope (percent) 4
Aspect (degrees) 298
Topography Toeslope
Configuration Undulating
Ecological Site Thin Claypan
Community Type *Artemisia cana/Agropyron smithii/ Poa pratensis/Poa sandbergii*
Investigator LL/MT
Date 6-12-07

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground										2					3					4										**9**
Rock																														
Lichens					1																									**1**
Moss																														
Litter - Standing	3	2				2					1	1	1			3	1				1	4				**10**	**8**	**1**		
Litter - Down					9					7					6					6					10					**38**
Basal Vegetation										1					1															**2**
	3	2			10	2				10	1	1	1		10	3	1			10	1	4			10	10	8	1		50
SPECIES																														
Agropyron smithii						3				1	5	1			1	3	1				5					**16**	**2**			**2**
Poa sandbergii	1																									**1**				
Poa pratensis	2	1				2										2					2					**8**	**1**			
Bromus japonicus																						1					**1**			
Achillea millefolium		1									1	1									1	1	1			**2**	**3**	**1**		
Vicia americana	1																					2				**1**	**2**			
Plantago elongata											1						1									**1**	**1**			
Thlaspi arvense	1																									**1**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE TCp-11

Slope (percent) 3
Aspect (degrees) 147
Topography Midslope
Configuration Straight

Ecological Site Thin Claypan
Community Type *Agropyron smithii/Stipa viridula/Bouteloua gracilis*
Investigator LL, PC
Date 8-23-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					1					1					2					7					6					**17**
Rock																														
Lichens					1																									**1**
Moss																														
Litter - Standing	1	1				3					2					2	1									**8**	**2**			
Litter - Down					8					9					8					3					4					**32**
Basal Vegetation																														
	1	1			10	3				10	2				10	2	1			10					10	8	2			50
SPECIES																														
Agropyron smithii	1					1					1					2					1					**6**				
Stipa viridula											1					1					1					**3**				
Bouteloua gracilis	3										1	1														**4**	**1**			
Gutierrezia sarothrae																					1					**1**				
Grindelia squarrosa											1															**1**				

SAMPLE SITE TCp-12

Slope (percent) 4
Aspect (degrees) 193
Topography Midslope
Configuration Undulating

Ecological Site Thin Claypan
Community Type *Agropyron smithii/Bouteloua gracilis/Buchloe dactyloides*
Investigator LL, PC
Date 8-23-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					1										1					4					1					**7**
Rock																														
Lichens																														
Moss																														
Litter - Standing	1										3	1									2					**6**	**1**			
Litter - Down					9					10					9					5					9					**42**
Basal Vegetation																				1										**1**
	1				10					10	3	1			10					10	2				10	6	1			50
SPECIES																														
Agropyron smithii											1									1						**1**				**1**
Koeleria pyramidata																1										**1**				
Poa sandbergii						1					2															**3**				
Stipa viridula												1															**1**			
Bouteloua gracilis	4					2	1									1					1					**8**	**1**			
Buchloe dactyloides	1																									**1**				
Achillea millefolium											1					1										**2**				
Artemisia frigida											1	1														**1**	**1**			
Aster commutatus																1					1					**2**				
Grindelia squarrosa						1															1					**2**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE TCp-13

Slope (percent) 6
Aspect (degrees) 157
Topography Lower slope
Configuration Concave

Ecological Site Thin Claypan
Community Type *Stipa viridula/Agropyron smithii/Bouteloua gracilis*
Investigator DC, JB
Date 8-21-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					1					1										2					2					**6**
Rock																														
Lichens																				1										**1**
Moss																														
Litter - Standing											2						1									**2**	**1**			
Litter - Down					8					8					6					6					6					**34**
Basal Vegetation					1					1					4					1					2					**9**
					10					10	2				10		1			10					10	2	1			50
SPECIES																														
Agropyron smithii															1						1					**1**				**1**
Carex eleocharis	3				1					1	1					2					1					**7**				**2**
Carex heliophila						1																				**1**				
Stipa viridula						1																				**1**				
Bouteloua gracilis	1					3														1	1				1	**5**				**2**
Antennaria parvifolia															3										1					**4**
Aster commutatus	1																				1					**2**				

SAMPLE SITE TCp-14

Slope (percent) 7
Aspect (degrees) 197
Topography Midslope
Configuration Convex

Ecological Site Thin Claypan
Community Type *Agropyron smithii/Stipa comata/Bouteloua gracilis*
Investigator LL, PC
Date 8-20-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground																														
Rock																														
Lichens																														
Moss																														
Litter - Standing	4	2				6	2				5	3				2	2				2	1	1			**19**	**10**	**1**		
Litter - Down					10					10					10					10					10					**50**
Basal Vegetation																														
	4	2			10	6	2			10	5	3			10	2	2			10	2	1	1		10	19	10	1		50
SPECIES																														
Agropyron smithii	3					2					1										2					**8**				
Carex heliophila	2															1										**3**				
Stipa comata											2					1										**3**				
Bouteloua gracilis						1										4					2	1				**7**	**1**			

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE TCp-15

Slope (percent) 15
Aspect (degrees) 180
Topography Lower slope
Configuration Concave

Ecological Site Thin Claypan
Community Type *Distichlis spicata/Buchloe dactyloides*
Investigator JB
Date 9-5-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					6										5					1					4					**16**
Rock																														
Lichens										1																				**1**
Moss																														
Litter - Standing											2					2					1					**5**				
Litter - Down					2					8					5					9					6					**30**
Basal Vegetation					2					1																				**3**
					10					10	2				10	2				10	1				10	5				50
SPECIES																														
Agropyron smithii						1																				**1**				
Buchloe dactyloides					2	2				1	1															**3**				**3**
Distichlis spicata	2					1					2					2	1				1					**8**	**1**			

SAMPLE SITE TCp-16

Slope (percent) 6
Aspect (degrees) 143
Topography Midslope
Configuration Straight

Ecological Site Thin Claypan
Community Type *Agropyron smithii/Buchloe dactyloides*
Investigator LL, PC
Date 8-22-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					2					2										2					2					**8**
Rock																														
Lichens																														
Moss																														
Litter - Standing	3					3					1	1					1				2					**9**	**2**			
Litter - Down					8					8					10					7					7					**40**
Basal Vegetation																				1					1					**2**
	3				10	3				10	1	1			10		1			10	2				10	9	2			50
SPECIES																														
Agropyron smithii	1										1					2					2					**6**				
Koeleria pyramidata							1																				**1**			
Poa sandbergii						1					2															**3**				
Buchloe dactyloides	2					1	1				2					2				1					1	**7**	**1**			**2**

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE Sy-1

Slope (percent) 7
Aspect (degrees) 090
Topography Midslope
Configuration Undulating

Ecological Site Sandy
Community Type *Stipa comata/Agropyron smithii/Buchloe dactyloides*
Investigator LL, PC
Date 8-20-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground										2					2					4										**8**
Rock																														
Lichens																														
Moss																														
Litter - Standing	3					2					4	2				2	2				2	1				**13**	**5**			
Litter - Down					10					6					7					6					10					**39**
Basal Vegetation										2					1															**3**
	3				10	2				10	4	2			10	2	2			10	2	1			10	13	5			50
SPECIES																														
Agropyron smithii											1					1					2	1				**4**	**1**			
Carex eleocharis						1				2	2										2					**5**				**2**
Buchloe dactyloides	5	2	1																							**5**	**2**	**1**		
Agropyron cristatum															1	3										**3**				**1**
Poa pratensis																1					3					**4**				
Verbena bracteata																1										**1**				

SAMPLE SITE Sy-2

Slope (percent) 34
Aspect (degrees) 193
Topography Upper-Midslope
Configuration Undulating

Ecological Site Sandy
Community Type *Carex filifolia/Bouteloua gracilis/Buchloe dactyloides (Calamovilfa longifolia)*
Investigator DC, JB
Date 8-20-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					2					3					8										5					**18**
Rock					1					1					1															**3**
Lichens																														
Moss																														
Litter - Standing		2				1					3					1					1	1				**6**	**3**			
Litter - Down					6					6					1					7					5					**25**
Basal Vegetation					1															3										**4**
		2			10	1				10	3				10	1				10	1	1			10	6	3			50
SPECIES																														
Agropyron smithii																2	1									**2**	**1**			
Carex filifolia	2																				2					**4**				
Stipa comata	1					1																				**2**				
Bouteloua gracilis					1	2	1														1					**3**	**1**			**1**
Buchloe dactyloides																4	1			3						**4**	**1**			**3**
Calamovilfa longifolia	1										1															**2**				
Artemisia campestris						1																				**1**				
Artemisia ludoviciana	1																									**1**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE Sy-3

Slope (percent) 25
Aspect (degrees) 205
Topography Upper slope
Configuration Convex - Straight

Ecological Site Sandy
Community Type *Stipa comata/Carex heliophila/Bouteloua gracilis*
Investigator DC, JB
Date 8-20-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					4					3					2					3					1					**13**
Rock																														
Lichens										1																				**1**
Moss																														
Litter - Standing	4	1				1					1	1				4					2		1			**12**	**2**	**1**		
Litter - Down					3					6					4					5					7					**25**
Basal Vegetation					3										4					2					2					**11**
	4	1			10	1				10	1	1			10	4				10	2		1		10	12	2	1		50
SPECIES																														
Agropyron smithii															1															**1**
Carex filifolia	1					1														1						**2**				**1**
Carex heliophila	1				1	1									1	2	1									**4**	**1**			**2**
Stipa comata	1				1	1									1					1	2	1				**4**	**1**			**3**
Stipa viridula											1															**1**				
Bouteloua gracilis											1				1						2				1	**3**				**2**
Buchloe dactyloides																									1					**1**
Artemisia frigida											1															**1**				
Opuntia fragilis					1																									**1**

SAMPLE SITE Sy-4

Slope (percent) 18
Aspect (degrees) 046
Topography Lower slope
Configuration Concave

Ecological Site Sandy
Community Type *Stipa comata/Agropyron smithii/Carex filifolia*
Investigator LL, PC
Date 9-6-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground										1																				**1**
Rock																														
Lichens										2					1					2										**5**
Moss																														
Litter - Standing	3	2	1			2	1	1			1	1				2	2				2	1				**10**	**7**	**2**		
Litter - Down					9					7					2					8					9					**35**
Basal Vegetation					1										7										1					**9**
	3	2	1		10	2	1	1		10	1	1			10	2	2			10	2	1			10	10	7	2		50
SPECIES																														
Agropyron smithii	2	1				2					1					1	1				2					**8**	**2**			
Carex filifolia	2						1									2	1					1				**4**	**3**			
Koeleria pyramidata		1			1											1										**1**	**1**			**1**
Stipa comata	1		1			4	2				1				1	2					2	1				**10**	**3**	**1**		**1**
Bouteloua gracilis	1										2	1									3					**6**	**1**			
Euphorbia esula																					1					**1**				
Selaginella densa															6										1					**7**

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE Sy-5

Slope (percent) 20
Aspect (degrees) 018
Topography Midslope
Configuration Concave

Ecological Site Sandy
Community Type *Calamovilfa longifolia/Carex heliophila/Stipa comata*
Investigator LL, PC
Date 9-6-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground																				1										**1**
Rock																				1										**1**
Lichens																														
Moss																														
Litter - Standing		4	2			6	2	1				3				3	1	2			1	7	2			**10**	**17**	**7**		
Litter - Down					9					9					10					8					9					**45**
Basal Vegetation					1					1															1					**3**
		4	2		10	6	2	1		10		3			10	3	1	2		10	1	7	2		10	10	17	7		50
SPECIES																														
Agropyron dasystachyum	4		1													3					2					**9**		**1**		
Carex heliophila		5			1		1				2					2	1					1				**4**	**8**			**1**
Calamagrostis montanensis																1										**1**				
Stipa comata			1			1											1									**1**	**1**	**1**		
Andropogon scoparius						3	3			1																**3**	**3**			**1**
Calamovilfa longifolia	4							1			5	2				1					5				1	**15**	**2**	**1**		**1**
Agropyron cristatum	1																									**1**				
Artemisia ludoviciana	1										1															**2**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE Cy-1

Slope (percent) 3
Aspect (degrees) 150
Topography Swale
Configuration Concave

Ecological Site Clayey
Community Type *Agropyron smithii/Buchloe dactyloides*
Investigator DC, JB
Date 8-21-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					2					1					3					3					1					**10**
Rock																														
Lichens																														
Moss																														
Litter - Standing	1					1					3					3					2					**10**				
Litter - Down					6					9					5					7					8					**35**
Basal Vegetation					2										2										1					**5**
	1				10	1				10	3				10	3				10	2				10	10				50
SPECIES																														
Agropyron smithii	2				1	1															1					**4**				**1**
Carex eleocharis					1	1																				**1**				**1**
Poa sandbergii											1															**1**				
Stipa comata						1	1																			**1**	**1**			
Buchloe dactyloides											2				2	1					4				1	**7**				**3**
Achillea millefolium																					1					**1**				
Grindelia squarrosa																					1					**1**				

SAMPLE SITE Cy-2

Slope (percent) 6
Aspect (degrees) 240
Topography Midslope
Configuration Undulating

Ecological Site Clayey
Community Type *Agropyron smithii/Buchloe dactyloides(Artemisia cana)*
Investigator DC, JB
Date 8-19-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					6					7					4					6					2					**25**
Rock																														
Lichens										1										2										**3**
Moss																														
Litter - Standing	2	1				1	1				2					1	1				1					**7**	**3**			
Litter - Down					4					1					6					1					4					**16**
Basal Vegetation										1										1					4					**6**
	2	1			10	1	1			10	2				10	1	1			10	1				10	7	3			50
SPECIES																														
Agropyron smithii	6	2				3				1	2	1				1					1					**13**	**3**			**1**
Buchloe dactyloides																					3				4	**3**				**4**
Schedonnardus paniculatus		1																		1							**1**			**1**

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE Cy-3

Slope (percent) 15
Aspect (degrees) 245
Topography Lower-Midslope
Configuration Undulating

Ecological Site Clayey
Community Type *Artemisia cana/Agropyron smithii/Stipa comata-Stipa viridula*
Investigator KS, DB
Date 8-18-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground										1					6					3					2					**12**
Rock																														
Lichens																														
Moss										1										1					1					**3**
Litter - Standing	1					1					1					1	1					1				**4**	**2**			
Litter - Down					7					7					3					5					6					**28**
Basal Vegetation					3					1					1					1					1					**7**
	1				10	1				10	1				10	1	1			10		1			10	4	2			50
SPECIES																														
Agropyron dasystachyum	1				1																					**1**				**1**
Agropyron smithii						2				1	3	1				2					3					**10**	**1**			**1**
Carex eleocharis	1					1															1					**3**				
Stipa comata	3	1			2	1					1				1											**5**	**1**			**3**
Stipa viridula																					2	1			1	**2**	**1**			**1**
Artemisia frigida							1																				**1**			
Gutierrezia sarothrae																2				1						**2**				**1**

SAMPLE SITE Cy-4

Slope (percent) 5
Aspect (degrees) 250
Topography Lower slope
Configuration Straight

Ecological Site Clayey
Community Type *Agropyron smithii/Bouteloua gracilis (Artemisia cana)*
Investigator DC, JB
Date 8-19-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground																				4										**4**
Rock																														
Lichens																														
Moss																														
Litter - Standing	3	1				3					1					4					1	2				**12**	**3**			
Litter - Down					8					9					10					6					8					**41**
Basal Vegetation					2					1															2					**5**
	3	1			10	3				10	1				10	4				10	1	2			10	12	3			50
SPECIES																														
Agropyron smithii	2	4	2			1	1			1	2										1					**6**	**5**	**2**		**1**
Stipa viridula											2															**2**				
Bouteloua gracilis					2	1							1			3					3		1		2	**7**		**2**		**4**
Achillea millefolium											1	1														**1**	**1**			

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE Cy-5

Slope (percent) 3
Aspect (degrees) 130
Topography Lower Slope
Configuration Undulating

Ecological Site Clayey
Community Type *Agropyron smithii/Bouteloua gracilis/Buchloe dactyloides*
Investigator LL, PC
Date 8-21-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground															1					2					2					5
Rock																														
Lichens																				2										2
Moss																														
Litter - Standing		1									1						2				3					4	3			
Litter - Down					8					9					9					5					7					38
Basal Vegetation					2					1										1					1					5
		1			10					10	1				10		2			10	3				10	4	3			50
SPECIES																														
Agropyron smithii					2																									2
Koeleria pyramidata	1																									1				
Stipa comata	1																									1				
Buchloe dactyloides	2	3				1				1	5	2				2				1	1					11	5			2
Poa pratensis	1					1					1					1										4				
Achillea millefolium																									1					1
Cirsium flodmanii						2																				2				
Grindelia squarrosa											2															2				

SAMPLE SITE Cy-6

Slope (percent) 3
Aspect (degrees) 250
Topography Bench
Configuration Straight (Convex)

Ecological Site Clayey
Community Type *Artemisia cana/Agropyron smithii/Bouteloua gracilis*
Investigator LL, PC
Date 8-19-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					3					2										1					3					9
Rock																														
Lichens															1					1										2
Moss																														
Litter - Standing	4	3				5	2					1	1			2	4				3	2				14	12	1		
Litter - Down					7					8					8					5					7					35
Basal Vegetation															1					3										4
	4	3			10	5	2			10		1	1		10	2	4			10	3	2			10	14	12	1		50
SPECIES																														
Agropyron smithii	1					1															3					5				
Carex eleocharis																	1	1									1	1		
Koeleria pyramidata																1										1				
Stipa comata						1					1															2				
Bouteloua gracilis	2	4	2				1				3				1	1				2						6	5	2		3
Distichlis spicata	2					1					1										2					6				
Artemisia frigida											1	1										1				1	2			
Opuntia fragilis							1																				1			
Phlox hoodii												1															1			
Sphaeralcea coccinea											1															1				
Taraxacum officinale											1															1				
Artemisia cana						1										4				1						5				1

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE Cy-7

Slope (percent) 0-2
Aspect (degrees) 325
Topography Terrace
Configuration Straight

Ecological Site Clayey
Community Type *Artemisia cana/Agropyron smithii/Poa pratensis/ Bouteloua gracilis*
Investigator DC, JB
Date 8-19-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					1					5					1															**7**
Rock																														
Lichens																														
Moss																														
Litter - Standing						1										1					2	1				**4**	**1**			
Litter - Down					8					5					9					10					9					**41**
Basal Vegetation					1																				1					**2**
					10	1				10					10	1				10	2	1			10	4	1			50
SPECIES																														
Agropyron smithii						4	1				1					1					1					**7**	**1**			
Carex eleocharis											1					1										**2**				
Poa sandbergii					1																									**1**
Stipa viridula																							1		1			**1**		**1**
Bouteloua gracilis	2					2	1				2					2	1				1					**9**	**2**			
Artemisia cana																1					2	1				**3**	**1**			

SAMPLE SITE Cy-8

Slope (percent) 4
Aspect (degrees) 047
Topography Shoulder
Configuration Convex

Ecological Site Clayey
Community Type *Agropyron smithii/Stipa comata/Bouteloua gracilis*
Investigator DC, JB
Date 8-19-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground										4										7					2					**13**
Rock																														
Lichens					3					1					1															**5**
Moss																														
Litter - Standing	1		1								3	1				2					1					**7**	**1**	**1**		
Litter - Down					6					3					8					3					6					**26**
Basal Vegetation					1					2					1										2					**6**
	1		1		10					10	3	1			10	2				10	1				10	7	1	1		50
SPECIES																														
Agropyron smithii	3	1																			1					**4**	**1**			
Koeleria pyramidata						1																				**1**				
Stipa comata	1					2	1				1														1	**4**	**1**			**1**
Bouteloua gracilis										2	2	1			1										1	**2**	**1**			**4**
Agropyron cristatum	1				1																					**1**				**1**

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE Ly-1

Slope (percent) 1
Aspect (degrees) 348
Topography Terrace
Configuration Straight
Ecological Site Loamy
Community Type *Agropyron smithii/Poa pratensis/ Bouteloua gracilis*
Investigator LL/MT
Date 6-14-07

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground																									1					**1**
Rock																														
Lichens																														
Moss																														
Litter - Standing	1		1			1							1					1			1					**3**		**3**		
Litter - Down					10					10					10					10					8					**48**
Basal Vegetation																									1					**1**
	1		1		10	1				10			1		10			1		10	1				10	3		3		50
SPECIES																														
Agropyron smithii	4	3				4	2				6	2				5	1				5	2				**24**	**10**			
Carex eleocharis																					1					**1**				
Carex filifolia																						1					**1**			
Poa sandbergii											1										1					**2**				
Stipa comata							1																				**1**			
Bouteloua gracilis			1					1			2	4	2								1	2	1			**3**	**6**	**5**		
Poa pratensis	4	1				4	1	1								3	2	1							1	**11**	**4**	**2**		**1**
Draba nemorosa	1																									**1**				

SAMPLE SITE Ly-2

Slope (percent) 19
Aspect (degrees) 170
Topography Midslope
Configuration Undulating
Ecological Site Loamy
Community Type *Agropyron smithii/Carex filifolia/Bouteloua gracilis*
Investigator LL, PC
Date 8-23-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground					3					4					2					2					5					**16**
Rock																														
Lichens															1															**1**
Moss																														
Litter - Standing	2	1									1	2				1	1	1								**4**	**4**	**1**		
Litter - Down					7					4					6					7					5					**29**
Basal Vegetation										2					1					1										**4**
	2	1			10					10	1	2			10	1	1	1		10					10	4	4	1		50
SPECIES																														
Agropyron smithii	2										1					2	1				2					**7**	**1**			
Carex filifolia	1					2				1	1				1	1						1				**5**	**1**			**2**
Koeleria pyramidata																					1					**1**				
Poa sandbergii																1										**1**				
Bouteloua gracilis	3									1	2					1	1			1	1					**7**	**1**			**2**

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE LyOv-1

Slope (percent) 2
Aspect (degrees) 300
Topography Bottom
Configuration Undulating
Ecological Site Loamy Overflow
Community Type *Symphoricarpos occidentalis/Bromus inermis (Cirsium arvense)*
Investigator LL, PC
Date 9-10-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground																														
Rock																														
Lichens																														
Moss																														
Litter - Standing		5	4				1	2				1	3			5	1	2			2	5	2			**7**	**13**	**13**		
Litter - Down					10					10					10					9					10					**49**
Basal Vegetation																				1										**1**
		5	4		10		1	2		10		1	3		10	5	1	2		10	2	5	2		10	7	13	13		50
SPECIES																														
Bromus inermis	10	4				8	6	1			6	5	3			4	2			1	6	3				**34**	**20**	**4**		**1**
Artemisia ludoviciana																					1					**1**				
Vicia americana																					1		1			**1**		**1**		
Cirsium arvense							1																				**1**			
Symphoricarpos occidentalis		1	1			2	2	2			4	4	3													**6**	**7**	**6**		

SAMPLE SITE LyOv-2

Slope (percent) 2
Aspect (degrees) 289
Topography low Terrace
Configuration Straight
Ecological Site Loamy Overflow
Community Type *Symphoricarpos occidentalis/Poa pratensis*
Investigator LL, PC
Date 9-9-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground															2															**2**
Rock																														
Lichens																														
Moss																														
Litter - Standing	3	3	2			2	2	5			2	2	3			4	4					1	4			**11**	**12**	**14**		
Litter - Down					9					10					7					10					10					**46**
Basal Vegetation					1										1															**2**
	3	3	2		10	2	2	5		10	2	2	3		10	4	4			10		1	4		10	11	12	14		50
SPECIES																														
Agropyron smithii											1															**1**				
Bromus inermis					1	1					1					2										**4**				**1**
Poa pratensis	5	2				3	6				4	4			1	1					1	8	2			**14**	**20**	**2**		**1**
Euphorbia esula	1					1					1					1						1				**4**	**1**			
Rosa woodsii																							1					**1**		
Symphoricarpos occidentalis						3										2					8					**13**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE LyOv-3

Slope (percent) 2
Aspect (degrees) 029
Topography low Terrace
Configuration Straight

Ecological Site Loamy Overflow
Community Type *Symphoricarpos occidentalis/Poa pratensis*
Investigator LL, PC
Date 9-9-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground																														
Rock																														
Lichens																														
Moss																														
Litter - Standing	1	1	6			2	3	4			1		4			1	2	3				2	3			**5**	**8**	**20**		
Litter - Down					10					10					10					10					9					**49**
Basal Vegetation																									1					**1**
SPECIES	1	1	6		10	2	3	4		10	1		4		10	1	2	3		10		2	3		10	5	8	20		50
Bromus inermis											2					2					1		1			**5**		**1**		
Poa pratensis	2	6	1			5	5	1			4	6	3			3	4	3			3	5	2			**17**	**26**	**10**		
Euphorbia esula			1			2										1		1			1	1				**4**	**1**	**2**		
Rosa woodsii	2	1																								**2**	**1**			
Symphoricarpos occidentalis	5	3	1			1	1	1			3	2	1			3	3				5	2	1		1	**17**	**11**	**4**		**1**

SAMPLE SITE LyOv-4

Slope (percent) 2
Aspect (degrees) 352
Topography low Terrace
Configuration Undulating

Ecological Site Loamy Overflow
Community Type *Symphoricarpos occidentalis/Poa pratensis*
Investigator LL, PC
Date 9-9-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground																														
Rock																														
Lichens																														
Moss																														
Litter - Standing	3	3	2			2	2	2			1	3	2			1	1	2				3	4			**7**	**12**	**12**		
Litter - Down					10					10					9					9					10					**48**
Basal Vegetation															1					1										**2**
SPECIES	3	3	2		10	2	2	2		10	1	3	2		10	1	1	2		10		3	4		10	7	12	12		50
Poa pratensis	1	1	2			2	3	3			5	3			1	2	3	3			2	3	2			**12**	**13**	**10**		**1**
Artemisia ludoviciana											2	1														**2**	**1**			
Aster pansus											1															**1**				
Glycyrrhiza lepidota																					1					**1**				
Monarda fistulosa						2																				**2**				
Euphorbia esula	5	2					1														1	1	1			**6**	**4**	**1**		
Artemisia cana																3	1				1	1				**4**	**2**			
Symphoricarpos occidentalis	1	1				3	1				1					4	2			1	5	2				**14**	**6**			**1**

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE LyT-1

Slope (percent) 2-3
Aspect (degrees) 050
Topography low Terrace
Configuration Straight

Ecological Site Loamy Terrace
Community Type *Agropyron smithii/Poa pratensis (Agropyron cristatum)*
Investigator KS, DB
Date 9-7-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground										1					1															**2**
Rock																														
Lichens																														
Moss																														
Litter - Standing						1					1										2					**4**				
Litter - Down					9					9					8					9					10					**45**
Basal Vegetation					1										1					1										**3**
					10	1				10	1				10					10	2				10	4				50
SPECIES																														
Agropyron smithii	1														1	3										**4**				**1**
Agropyron cristatum																					3	1				**3**	**1**			
Poa pratensis	2				1	2					3									1						**7**				**2**
Iva xanthifolia						1																				**1**				
Polygonum arenastrum											1															**1**				

SAMPLE SITE LyT-2

Slope (percent) 1
Aspect (degrees) 300

Topography Terrace
Configuration Undulating

Ecological Site Loamy Terrace
Community Type *Agropyron smithii/Stipa comata (Symphoricarpos occidentalis)*
Investigator DC, JB
Date 9-8-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					1										3															**4**
Rock																														
Lichens																														
Moss																														
Litter - Standing	1										1					2										**4**				
Litter - Down					7					9					7					10					9					**42**
Basal Vegetation					2					1															1					**4**
	1				10					10	1				10	2				10					10	4				50
SPECIES																														
Agropyron smithii					1	2				1						2										**4**				**2**
Carex eleocharis	3					1					3					2										**9**				
Stipa comata											3						1									**3**	**1**			
Bouteloua gracilis	1				1																					**1**				**1**
Poa pratensis																					2				1	**2**				**1**
Taraxacum officinale																1					1					**2**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE LyT-3

Slope (percent) 3
Aspect (degrees) 037
Topography Terrace
Configuration Straight

Ecological Site Loamy Terrace
Community Type *Symphoricarpos occidentalis/Poa pratensis/Carex brevior*
Investigator LL, PC
Date 8-20-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					1																									**1**
Rock																														
Lichens																														
Moss					1																									**1**
Litter - Standing	7	4				4	5	1			2	3	3			3	7	2			1	4	3			**17**	**23**	**9**		
Litter - Down					8					10					10					10					10					**48**
Basal Vegetation																														
	7	4			10	4	5	1		10	2	3	3		10	3	7	2		10	1	4	3		10	17	23	9		50
SPECIES																														
Agropyron smithii																					5					**5**				
Agropyron trachycaulum						1										2					1					**4**				
Carex brevior	1										4	2										1				**5**	**3**			
Stipa viridula						3										1					1	1				**5**	**1**			
Poa pratensis	1					1					1	3				3	1				2	1	1			**8**	**5**	**1**		
Artemisia ludoviciana	1										2					1						1				**4**	**1**			

SAMPLE SITE LyT-4

Slope (percent) 2
Aspect (degrees) 331
Topography Terrace
Configuration Undulating

Ecological Site Loamy Terrace
Community Type *Symphoricarpos occidentalis/Poa pratensis/Carex brevior*
Investigator LL, PC
Date 8-20-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground																				1										**1**
Rock																														
Lichens																														
Moss																														
Litter - Standing	3	5	4			4	2	2			4	1	1			4	8	1			2		2			**17**	**16**	**10**		
Litter - Down					10					9					9					9					9					**46**
Basal Vegetation										1					1										1					**3**
	3	5	4		10	4	2	2		10	4	1	1		10	4	8	1		10	2		2		10	17	16	10		50
SPECIES																														
Agropyron smithii	1					5	1				1				1	3										**10**	**1**			**1**
Carex brevior	1										1															**2**				
Stipa viridula																2										**2**				
Poa pratensis	3	2					2			1	2	2				1	1				6	4			1	**12**	**11**			**2**
Monarda fistulosa	1																									**1**				
Rosa woodsii	1																									**1**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE LyT-5

Slope (percent) 0-1
Aspect (degrees) 0
Topography Terrace
Configuration Straight

Ecological Site Loamy Terrace
Community Type *Artemisia cana/Stipa viridula/Poa pratensis*
Investigator DC, JB
Date 8-20-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground										1					3															**4**
Rock																														
Lichens																														
Moss																														
Litter - Standing	1	1															3				1					**2**	**4**			
Litter - Down					8					8					6					9					9					**40**
Basal Vegetation					2					1					1					1					1					**6**
	1	1			10					10					10		3			10	1				10	2	4			50
SPECIES																														
Agropyron smithii	1																									**1**				
Carex eleocharis					1						1						1									**1**	**1**			**1**
Stipa comata																1					1					**2**				
Stipa viridula			1				1									2					2					**4**	**1**	**1**		
Bouteloua gracilis											1				1					1						**1**				**2**
Poa pratensis		2			1	3				1											1	1			1	**4**	**3**			**3**
Artemisia frigida																1	1									**1**	**1**			
Artemisia ludoviciana	2	2				1																				**3**	**2**			
Artemisia cana	4	2														5	2	1								**9**	**4**	**1**		

SAMPLE SITE LyT-6

Slope (percent) 0-1
Aspect (degrees) 0
Topography Bench
Configuration Straight

Ecological Site Loamy Terrace
Community Type *Symphoricarpos occidentalis/Poa pratensis/Stipa viridula*
Investigator DC, JB
Date 8-20-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					1															2										**3**
Rock																														
Lichens																														
Moss																														
Litter - Standing	4					3	1				1	1				1	1				1					**10**	**3**			
Litter - Down					8					9					10					8					10					**45**
Basal Vegetation					1					1																				**2**
	4				10	3	1			10	1	1			10	1	1			10	1				10	10	3			50
SPECIES																														
Agropyron smithii	1							1								3										**4**		**1**		
Carex eleocharis																2	1									**2**	**1**			
Stipa viridula	1	1				1	2			1						1										**3**	**3**			**1**
Poa pratensis	3				1						5	1				1					5	2	1			**14**	**3**	**1**		**1**
Symphoricarpos occidentalis						1															2	1				**3**	**1**			

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE LyT-7

Slope (percent) 2-3
Aspect (degrees) 152
Topography Terrace
Configuration Straight

Ecological Site Loamy Terrace
Community Type *Artemisia cana/Agropyron smithii/Bouteloua gracilis*
Investigator KS, DB
Date 8-18-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground																									1					**1**
Rock																														
Lichens																														
Moss										1																				**1**
Litter - Standing		2				2	1				2	2				1						1				**5**	**6**			
Litter - Down					8					7					8					10					8					**41**
Basal Vegetation					2					2					2										1					**7**
		2			10	2	1			10	2	2			10	1				10		1			10	5	6			50
SPECIES																														
Agropyron dasystachyum	3				1																2					**5**				**1**
Agropyron smithii							2				2						1				1		1			**3**	**3**	**1**		
Poa sandbergii																					1					**1**				
Bouteloua gracilis	2	2			1	1					1	2			2							1			1	**4**	**5**			**4**
Agropyron cristatum																2										**2**				
Poa pratensis						3				2	2	1									2					**7**	**1**			**2**
Artemisia cana	3	1									1					2					2	1				**8**	**2**			

SAMPLE SITE LyT-8

Slope (percent) 2
Aspect (degrees) 060
Topography Bench
Configuration Straight

Ecological Site Loamy Terrace
Community Type *Artemisia cana/Agropyron smithii/Bouteloua gracilis*
Investigator LL, PC
Date 8-19-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground										1																				**1**
Rock																														
Lichens																														
Moss																														
Litter - Standing	3	5				4					3	4	1			1	3	2			3	3	1			**14**	**15**	**4**		
Litter - Down					9					9					9					10					8					**45**
Basal Vegetation					1										1										2					**4**
	3	5			10	4				10	3	4	1		10	1	3	2		10	3	3	1		10	14	15	4		50
SPECIES																														
Agropyron dasystachyum						3									1	2					1					**6**				**1**
Agropyron smithii	1				1							1				1	2				2	1	1		1	**4**	**4**	**1**		**2**
Carex eleocharis		1				1																				**1**	**1**			
Stipa comata	1					1					1															**3**				
Stipa viridula											3						1				2	2			1	**5**	**3**			**1**
Bouteloua gracilis	2					2	1						2			2										**6**	**1**	**2**		
Poa pratensis	1											1										2				**1**	**3**			
Achillea millefolium							1									1	1									**1**	**2**			
Artemisia cana	2						1				2	1				3	1	1			2		1			**9**	**3**	**2**		

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE LyT-9

Slope (percent) 1
Aspect (degrees) 113
Topography Bench
Configuration Straight

Ecological Site Loamy Terrace
Community Type *Artemisia cana/Agropyron smithii/Poa pratensis/Stipa viridula*
Investigator LL, PC
Date 8-19-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground																														
Rock																														
Lichens																														
Moss																														
Litter - Standing	2	3	1			1	4	2			3	2				4	2	1			2	5	4			**12**	**16**	**8**		
Litter - Down					9					10					9					10					10					**48**
Basal Vegetation					1										1															**2**
	2	3	1		10	1	4	2		10	3	2			10	4	2	1		10	2	5	4		10	12	16	8		50
SPECIES																														
Agropyron smithii	2				1	2					2	2			1	4	3				3	2				**13**	**7**			**2**
Poa pratensis	2					2	1				3					1	1				1	1				**9**	**3**			
Achillea millefolium	1																									**1**				
Artemisia ludoviciana																1					4					**5**				
Artemisia cana						5	3	1																		**5**	**3**	**1**		

SAMPLE SITE LyT-10

Slope (percent) 1
Aspect (degrees) 113
Topography Bench
Configuration Straight

Ecological Site Loamy Terrace
Community Type *Artemisia cana/Agropyron smithii/Poa pratensis/Stipa viridula*
Investigator LL, PC
Date 8-19-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground																				3					3					**6**
Rock																														
Lichens																														
Moss																														
Litter - Standing		2	3			2	1	3			2						1				2					**6**	**4**	**6**		
Litter - Down					9					10					10					7					5					**41**
Basal Vegetation					1																				2					**3**
		2	3		10	2	1	3		10	2				10		1			10	2				10	6	4	6		50
SPECIES																														
Agropyron smithii	1	1					1				2					2									1	**5**	**2**			**1**
Stipa viridula	1																									**1**				
Bouteloua gracilis	3				1																					**3**				**1**
Poa pratensis		2				2	1				2					1					1				1	**6**	**3**			**1**
Artemisia cana	4	1				6	3																			**10**	**4**			

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE LyT-11

Slope (percent) 1
Aspect (degrees) 108
Topography Bench
Configuration Straight

Ecological Site Loamy Terrace
Community Type *Artemisia cana/Agropyron smithii/Poa pratensis/Stipa viridula*
Investigator LL, PC
Date 8-19-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground															1															**1**
Rock																														
Lichens																														
Moss																														
Litter - Standing	1	1	1			3					2					2										**8**	**1**	**1**		
Litter - Down					8					7					9					10					9					**43**
Basal Vegetation					2					3															1					**6**
	1	1	1		10	3				10	2				10	2				10					10	8	1	1		50
SPECIES																														
Agropyron smithii					1	2				2	1					4					2				1	**9**				**4**
Carex heliophila	1									1																**1**				**1**
Bouteloua gracilis											1					1										**2**				
Bromus inermis	3				1																					**3**				**1**
Poa pratensis	2	1				1					1					1					1					**6**	**1**			

SAMPLE SITE LyT-12

Slope (percent) 3-4
Aspect (degrees) 061/328
Topography Terrace
Configuration Straight

Ecological Site Loamy Terrace
Community Type *Artemisia cana/Agropyron smithii/Poa pratensis*
Investigator KS, DB
Date 8-19-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground										2					2										3					**7**
Rock																														
Lichens																														
Moss																														
Litter - Standing	2	1				3	4	1			1	1				3	1				1					**10**	**7**	**1**		
Litter - Down					9					5					6					9					6					**35**
Basal Vegetation					1					3					2					1					1					**8**
	2	1			10	3	4	1		10	1	1			10	3	1			10	1				10	10	7	1		50
SPECIES																														
Agropyron smithii	3	2				6	2			2	5				2	2				1	4				1	**20**	**4**			**6**
Poa pratensis					1	1	1			1						1	2									**2**	**3**			**2**

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE LyT-13

Slope (percent) 3-4
Aspect (degrees) 062/313
Topography Terrace/Bank
Configuration Straight (Concave)

Ecological Site Loamy Terrace
Community Type *Artemisia cana/Agropyron smithii/Poa pratensis/ Bouteloua gracilis*
Investigator KS, DB
Date 8-19-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground					3					2					3					2					2					**12**
Rock																														
Lichens																									1					**1**
Moss																														
Litter - Standing	1					1	1				1					1					1	2				**5**	**3**			
Litter - Down					6					8					5					7					7					**33**
Basal Vegetation					1										2					1										**4**
	1				10	1	1			10	1				10	1				10	1	2			10	5	3			50
SPECIES																														
Agropyron smithii	2					3									1					1	2					**7**				**2**
Carex eleocharis											1															**1**				
Bouteloua gracilis					1	3	2				1	1			1	2										**6**	**3**			**2**
Artemisia ludoviciana																					1					**1**				

SAMPLE SITE LyT-14

Slope (percent) 4
Aspect (degrees) 058/342
Topography Terrace
Configuration Straight

Ecological Site Loamy Terrace
Community Type *Artemisia cana/Agropyron smithii/Bouteloua gracilis*
Investigator KS, DB
Date 8-19-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground										1										1					1					**3**
Rock																														
Lichens																														
Moss																														
Litter - Standing	2	2				3					3	4	1			1					6	2				**15**	**8**	**1**		
Litter - Down					10					8					8					8					8					**42**
Basal Vegetation										1					2					1					1					**5**
	2	2			10	3				10	3	4	1		10	1				10	6	2			10	15	8	1		50
SPECIES																														
Agropyron smithii	3	1									5					3				1					1	**11**	**1**			**2**
Carex eleocharis	1																									**1**				
Bouteloua gracilis	3					2	1			1		1			2	2					2	1	1			**9**	**3**	**1**		**3**

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE LyT-15

Slope (percent) 2-3
Aspect (degrees) 326
Topography Terrace
Configuration Straight (Concave)

Ecological Site Loamy Terrace
Community Type *Artemisia cana/Agropyron smithii/Poa pratensis/ Bouteloua gracilis*
Investigator KS, DB
Date 8-19-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					1										2					1										**4**
Rock																														
Lichens																														
Moss																														
Litter - Standing	2	1				1	1				5					1	1				5	1				**14**	**4**			
Litter - Down					9					9					7					8					9					**42**
Basal Vegetation										1					1					1					1					**4**
	2	1			10	1	1			10	5				10	1	1			10	5	1			10	14	4			50
SPECIES																														
Agropyron smithii	3					2	2	1			1	1				2					2					**10**	**3**	**1**		
Stipa viridula																									1					**1**
Bouteloua gracilis	1														1	1				1						**2**				**2**
Poa pratensis						2				1	1										1					**4**				**1**
Artemisia frigida																					1					**1**				
Artemisia cana						3	2	1																		**3**	**2**	**1**		

SAMPLE SITE LyT-16

Slope (percent) 2-3
Aspect (degrees) 180
Topography Terrace
Configuration Straight-Concave

Ecological Site Loamy Terrace
Community Type *Symphoricarpos occidentalis/Poa pratensis*
Investigator KS, DB
Date 8-20-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground										6					1															**7**
Rock																														
Lichens																														
Moss															1															**1**
Litter - Standing	2	3	1			2					4	1				1					2	3				**11**	**7**	**1**		
Litter - Down					9					4					8					9					10					**40**
Basal Vegetation					1															1										**2**
	2	3	1		10	2				10	4	1			10	1				10	2	3			10	11	7	1		50
SPECIES																														
Agropyron smithii		1									2															**2**	**1**			
Agropyron trachycaulum	1					2					1									1	1					**5**				**1**
Stipa viridula											1															**1**				
Bouteloua gracilis																	1										**1**			
Agropyron cristatum																					1					**1**				
Bromus inermis	1																									**1**				
Poa pratensis	2				1											3					2	1				**7**	**1**			**1**
Artemisia ludoviciana	1																				1					**2**				
Grindelia squarrosa						1																				**1**				
Symphoricarpos occidentalis																1					2	1				**3**	**1**			

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE LyT-17

Slope (percent) 0-1
Aspect (degrees) 190
Topography Terrace
Configuration Straight

Ecological Site Loamy Terrace
Community Type *Agropyron smithii/Poa pratensis/Stipa viridula*
Investigator DC, JB
Date 9-8-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					4										4					1					4					**13**
Rock																														
Lichens																														
Moss																														
Litter - Standing	1										1					2					1					**5**				
Litter - Down					4					7					6					9					6					**32**
Basal Vegetation					2					3																				**5**
	1				10					10	1				10	2				10	1				10	5				50
SPECIES																														
Agropyron smithii	2					2				3	2										1					**7**				**3**
Carex laeviconica					1						1															**1**				**1**
Poa pratensis					1											3	1				1					**4**	**1**			**1**
Taraxacum officinale																						1					**1**			

SAMPLE SITE LyT-18

Slope (percent) 3
Aspect (degrees) 326
Topography Bench
Configuration Undulating

Ecological Site Loamy Terrace
Community Type *(Artemisia cana)Agropyron smithii/ Agropyron dasystachyum/Poa sandbergii*
Investigator LL/MT
Date 6-13-07

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					1					9					5										2					**17**
Rock																														
Lichens															3										1					**4**
Moss					1																				2					**3**
Litter - Standing	2		2								1	1	2			2		2			1		1			**6**	**1**	**7**		
Litter - Down					8					1					2					7					5					**23**
Basal Vegetation																				3										**3**
	2		2		10					10	1	1	2		10	2		2		10	1		1		10	6	1	7		50
SPECIES																														
Agropyron dasystachyum		1									2															**2**	**1**			
Agropyron smithii	1															1					1					**3**				
Poa sandbergii																1										**1**				
Puccinellia cusickii						1																				**1**				
Bouteloua gracilis																1	1									**1**	**1**			
Poa pratensis																1	2									**1**	**2**			
Gutierrezia sarothrae																2										**2**				
Lomatium foeniculaceum	2	1																								**2**	**1**			
Opuntia polyacantha	2																									**2**				
Taraxacum officinale																1										**1**				
Selaginella densa																				2										**2**
Arabis holboellii	1																									**1**				
Draba reptans																				1										**1**
Lepidium densiflorum																					1					**1**				
Plantago elongata																					2					**2**				
Plantago patagonica																1										**1**				
Melilotus officinalis																		2										**2**		
Artemisia cana											2															**2**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE LyT-19

Slope (percent) 15
Aspect (degrees) 010
Topography Lower slope
Configuration Convex

Ecological Site Loamy Terrace
Community Type *(Artemisia cana) Agropyron smithii/Bouteloua gracilis*
Investigator LL, PC
Date 8-19-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					4					1					9					2					2					**18**
Rock																														
Lichens																														
Moss																														
Litter - Standing	1	1				2					1					1	1				4	3				**9**	**5**			
Litter - Down					5					8					1					7					7					**28**
Basal Vegetation					1					1										1					1					**4**
	1	1			10	2				10	1				10	1	1			10	4	3			10	9	5			50
SPECIES																														
Agropyron smithii					1					1						2					2					**4**				**2**
Carex filifolia																					1					**1**				
Poa sandbergii						1																				**1**				
Bouteloua gracilis	1	1				2	2									2	1								1	**5**	**4**			**1**
Distichlis spicata						1					1					1										**3**				
Gutierrezia sarothrae	1																			1						**1**				**1**
Solidago missouriensis	1																									**1**				
Grindelia squarrosa																					2					**2**				
Plantago patagonica																1										**1**				

SAMPLE SITE LyT-20

Slope (percent) 0-1
Aspect (degrees) 0
Topography Terrace
Configuration Straight

Ecological Site Loamy Terrace
Community Type *Artemisia cana/Agropyron smithii/Stipa viridula/ Bouteloua gracilis*
Investigator DC, JB
Date 8-19-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					2															1										**3**
Rock																														
Lichens																														
Moss																														
Litter - Standing	1					1	1				3										1					**6**	**1**			
Litter - Down					6					9					9					7					10					**41**
Basal Vegetation					2					1					1					2										**6**
	1				10	1	1			10	3				10					10	1				10	6	1			50
SPECIES																														
Agropyron smithii	3				1										1	1				1						**4**				**3**
Carex eleocharis						2										1					1					**4**				
Poa sandbergii																					1					**1**				
Bouteloua gracilis	2				1	2	1			1	2	1				2				1	2					**10**	**2**			**3**

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE LyT-21

Slope (percent) 0-1
Aspect (degrees) 0
Topography Terrace
Configuration Straight

Ecological Site Loamy Terrace
Community Type *Artemisia cana/Agropyron smithii/Poa pratensis/ Bouteloua gracilis*
Investigator DC, JB
Date 8-19-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground																														
Rock																														
Lichens																														
Moss																														
Litter - Standing											1					2					3					**6**				
Litter - Down					8					8					9					8					10					**43**
Basal Vegetation					2					2					1					2										**7**
					10					10	1				10	2				10	3				10	6				50
SPECIES																														
Agropyron smithii						1					2				1					1						**3**				**2**
Carex brevior	1																									**1**				
Carex eleocharis																						1					**1**			
Poa sandbergii																1										**1**				
Bouteloua gracilis	4				2	4	1			2	3					1				1	1					**13**	**1**			**5**
Agropyron cristatum																					1					**1**				
Grindelia squarrosa	1																									**1**				
Artemisia cana																					1					**1**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE LyT-22

Slope (percent) 2-4
Aspect (degrees) 042
Topography Terrace
Configuration Straight

Ecological Site Loamy Terrace (occasionally Clayey Terrace)
Community Type *Agropyron cristatum/Agropyron smithii/Poa pratensis*
Investigator KS, DB
Date 9-7-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground										1										1					1					**3**
Rock																														
Lichens																														
Moss																														
Litter - Standing																														
Litter - Down					10					8					9					9					9					**45**
Basal Vegetation										1					1															**2**
					10					10					10					10					10					50
SPECIES																														
Agropyron smithii															1						2					**2**				**1**
Agropyron cristatum						2				1						1										**3**				**1**
Poa pratensis																1					2					**3**				

SAMPLE SITE LyT-23

Slope (percent) 2-4
Aspect (degrees) 045
Topography Terrace
Configuration Straight

Ecological Site Loamy Terrace (occasionally Clayey Terrace)
Community Type *Poa pratensis/Agropyron smithii/Stipa viridula*
Investigator KS, DB
Date 9-7-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground															2										3					**5**
Rock																														
Lichens																														
Moss																														
Litter - Standing																2										**2**				
Litter - Down					9					10					7					9					7					**42**
Basal Vegetation					1										1					1										**3**
					10					10					10	2				10					10	2				50
SPECIES																														
Carex eleocharis											1				1											**1**				**1**
Agropyron cristatum					1	1											1									**1**	**1**			**1**
Poa pratensis	1										1					2				1	1					**5**				**1**
Taraxacum officinale						2																				**2**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE LyT-24

Slope (percent) 2
Aspect (degrees) 274/320
Topography Bottom
Configuration Concave

Ecological Site Loamy Terrace (occasionally Clayey Terrace)
Community Type *Spartina pectinata/Carex laeviconica*
Investigator LL, PC
Date 9-10-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground																														
Rock																														
Lichens																														
Moss																														
Litter - Standing	2	2	3				4				1	1	3			1	3	2			1	4	3			**5**	**14**	**11**		
Litter - Down					10					10					10					10					9					**49**
Basal Vegetation																									1					**1**
	2	2	3		10		4			10	1	1	3		10	1	3	2		10	1	4	3		10	5	14	11		50
SPECIES																														
Carex laeviconica	1	2	1			10	3	3			1	5	3			4	3	2			4	2	1		1	**20**	**15**	**10**		**1**
Spartina pectinata	5	1	3								8	3	1			2	1				4	2				**19**	**7**	**4**		
Agropyron repens	2	3															1									**2**	**4**			
Aster simplex																3	1									**3**	**1**			

SAMPLE SITE LyT-25

Slope (percent) 2
Aspect (degrees) 183

Topography Terrace
Configuration Straight

Ecological Site Loamy Terrace (occasionally Clayey Terrace)
Community Type *Symphoricarpos occidentalis-Artemisia cana/ Poa pratensis*
Investigator LL/MT
Date 6-13-07

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground																														
Rock																														
Lichens																														
Moss																														
Litter - Standing	1	1					1				2	1	1			1	2					3	3			**4**	**8**	**4**		
Litter - Down					10					10					10					10					10					**50**
Basal Vegetation																														
	1	1			10		1			10	2	1	1		10	1	2			10		3	3		10	4	8	4		50
SPECIES																														
Agropyron smithii		1									1															**1**	**1**			
Poa pratensis	4	1	2			5	1	1			4	5	1			5	3				5	2				**23**	**12**	**4**		
Artemisia ludoviciana											1															**1**				
Vicia americana											1										6	1				**7**	**1**			
Artemisia cana	2	1																								**2**	**1**			
Symphoricarpos occidentalis	2	2	1			1					1					3										**7**	**2**	**1**		

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE TP-1

Slope (percent) 4
Aspect (degrees) 045
Topography Lower slope
Configuration Straight

Ecological Site Tame Pasture
Community Type *Agropyron cristatum/Bromus inermis* TP
Investigator LL/PC
Date 9-7-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					7					3					5					3					7					**25**
Rock																														
Lichens																														
Moss																														
Litter - Standing	4					1	1						1								2	1				**7**	**2**	**1**		
Litter - Down					2					7					4					7					3					**23**
Basal Vegetation					1										1															**2**
	4				10	1	1			10			1		10					10	2	1			10	7	2	1		50
SPECIES																														
Buchloe dactyloides																					1					**1**				
Agropyron cristatum	2	1				4					2	1			1	3					1					**12**	**2**			**1**
Bromus inermis	1				1						2															**3**				**1**
Artemisia frigida											1															**1**				

SAMPLE SITE TP-2

Slope (percent) 5
Aspect (degrees) 073
Topography Midslope
Configuration Concave (Straight)

Ecological Site Tame Pasture
Community Type *Agropyron cristatum/Buchloe dactyloides* TP
Investigator DC, JB
Date 8-21-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground															1										2					**3**
Rock																														
Lichens																														
Moss																														
Litter - Standing			2					1			2	1				1					1					**4**	**1**	**3**		
Litter - Down					10					9					5					9					7					**40**
Basal Vegetation										1					4					1					1					**7**
			2		10			1		10	2	1			10	1				10	1				10	4	1	3		50
SPECIES																														
Agropyron smithii						2															2					**4**				
Carex eleocharis																1										**1**				
Stipa viridula																									1					**1**
Buchloe dactyloides	2	1				1					5				3	1										**9**	**1**			**3**
Agropyron cristatum	2	1				3	3			1						2				1						**7**	**4**			**2**
Selaginella densa															1															**1**

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE TP-3

Slope (percent) 3
Aspect (degrees) 090
Topography Lower slope
Configuration Undulating

Ecological Site Tame Pasture
Community Type *Agropyron cristatum/Bromus inermis* TP
Investigator DC, JB
Date 9-7-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					3					2					2					2					2					**11**
Rock																														
Lichens																														
Moss																														
Litter - Standing	1					1	1				1						1	1								**3**	**2**	**1**		
Litter - Down					7					7					8					7					8					**37**
Basal Vegetation										1										1										**2**
	1				10	1	1			10	1				10		1	1		10					10	3	2	1		50
SPECIES																														
Agropyron cristatum	1	1				4				1	1					1										**7**	**1**			**1**
Bromus inermis	2						1				2					4	1				1					**9**	**2**			
Distichlis spicata						1														1	2					**3**				**1**

SAMPLE SITE TP-4

Slope (percent) 2-3
Aspect (degrees) 038
Topography Midslope
Configuration Undulating

Ecological Site Tame Pasture
Community Type *Agropyron cristatum/Bromus inermis* TP
Investigator LL, PC
Date 9-7-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground										4					4					3										**11**
Rock																														
Lichens																														
Moss																														
Litter - Standing	2	2				1						1					2					6	3			**3**	**11**	**3**		
Litter - Down					10					6					6					7					10					**39**
Basal Vegetation																														
	2	2			10	1				10		1			10		2			10		6	3		10	3	11	3		50
SPECIES																														
Agropyron cristatum	2					2										1					5	1				**10**	**1**			
Bromus inermis	2										6	1				5					5	1				**18**	**2**			
Achillea millefolium											1															**1**				
Cirsium undulatum											1															**1**				
Grindelia squarrosa																1										**1**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE TP-5

Slope (percent) 5
Aspect (degrees) 038
Topography Midslope
Configuration Undulating

Ecological Site Tame Pasture
Community Type *Agropyron cristatum/Buchloe dactyloides* TP
Investigator LL, PC
Date 8-21-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					2					2					3					2					2					**11**
Rock																														
Lichens																														
Moss																														
Litter - Standing	6	2				2	1	1			3						2				5					**16**	**5**	**1**		
Litter - Down					7					6					7					8					7					**35**
Basal Vegetation					1					2															1					**4**
	6	2			10	2	1	1		10	3				10		2			10	5				10	16	5	1		50
SPECIES																														
Agropyron smithii	1					1																				**2**				
Buchloe dactyloides					1											4										**4**				**1**
Agropyron cristatum	1					1				1	1															**3**				**1**
Bromus biebersteinii						2				1						1									1	**3**				**2**
Bromus inermis							1																				**1**			

SAMPLE SITE TP-6

Slope (percent) 4
Aspect (degrees) 360
Topography Midslope
Configuration Undulating

Ecological Site Tame Pasture
Community Type *Agropyron cristatum/Bromus inermis/Buchloe dactyloides* TP Tame Pasture
Investigator LL, PC
Date 8-22-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground															1					5					4					**10**
Rock																														
Lichens																														
Moss																														
Litter - Standing																1										**1**				
Litter - Down					9					9					8					5					6					**37**
Basal Vegetation					1					1					1															**3**
					10					10					10	1				10					10	1				50
SPECIES																														
Carex eleocharis											2															**2**				
Buchloe dactyloides	4	1			1	4															5					**13**	**1**			**1**
Agropyron cristatum	1					1				1	1				1	2										**5**				**2**
Bromus inermis																					1					**1**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE TP-7

Slope (percent) 2
Aspect (degrees) 021
Topography Midslope
Configuration Undulating

Ecological Site Tame Pasture
Community Type *Agropyron cristatum (Bromus inermis)* TP
Investigator LL, PC
Date 8-23-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					1					9					1															**11**
Rock																														
Lichens																														
Moss																														
Litter - Standing	1										2					1					1					**5**				
Litter - Down					7					1					9					10					10					**37**
Basal Vegetation					2																									**2**
	1				10					10	2				10	1				10	1				10	5				50
SPECIES																														
Agropyron cristatum	4				2	1					1	1				4					4					**14**	**1**			**2**
Agropyron intermedium																					1					**1**				
Bromus inermis						2																				**2**				
Medicago sativa											1															**1**				

SAMPLE SITE TP-8

Slope (percent) 4
Aspect (degrees) 358
Topography Ridge
Configuration Convex

Ecological Site Tame Pasture
Community Type *Bromus inermis/Koeleria pyramidata/ Agropyron cristatum* TP
Investigator LL/MT
Date 6-14-07

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					1					1					2					4					1					**9**
Rock																														
Lichens																									1					**1**
Moss																														
Litter - Standing		1	2													4		2			1					**5**	**1**	**4**		
Litter - Down					8					9					8					4					7					**36**
Basal Vegetation					1															2					1					**4**
		1	2		10					10					10	4		2		10	1				10	5	1	4		50
SPECIES																														
Agropyron smithii											2	1														**2**	**1**			
Carex eleocharis						1	1				1										1	1			1	**3**	**2**			**1**
Carex filifolia	2																									**2**				
Koeleria pyramidata											1	1				2	2			1		1				**3**	**4**			**1**
Poa sandbergii																					1					**1**				
Stipa comata	1	1																			3					**4**	**1**			
Bouteloua gracilis	1	1			1																1					**2**	**1**			**1**
Agropyron cristatum						2						1	1			1										**3**	**1**	**1**		
Bromus inermis	3					2	2				1					2				1						**8**	**2**			**1**
Poa pratensis	1					1																				**2**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE TP-9

Slope (percent) 3-8
Aspect (degrees) 352
Topography Bottom
Configuration Concave

Ecological Site Tame Pasture
Community Type *Bromus inermis/Symphoricarpos occidentalis* TP
Investigator KS/ED
Date 6-13-07

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground																														
Rock																														
Lichens																														
Moss																														
Litter - Standing		3				1	1	1			2	3	1			1		1				1				**4**	**8**	**3**		
Litter - Down					10					10					10					10					8					**48**
Basal Vegetation																										2					**2**
SPECIES		3			10	1	1	1		10	2	3	1		10	1		1		10		1			10	4	8	3		50
Bromus inermis	5	1	1			7	4	2	2		6	3				5	3				4	1		1	1	**27**	**12**	**3**	**3**	**1**
Urtica dioica						1																1				**1**	**1**			
Symphoricarpos occidentalis	2	1	1								1					2					4	3	2		1	**9**	**4**	**3**		**1**

SAMPLE SITE TP-10

Slope (percent) 4-12
Aspect (degrees) 045
Topography Bottom
Configuration Concave

Ecological Site Tame Pasture
Community Type *Symphoricarpos occidentalis/Poa pratensis/ Bromus inermis* TP
Investigator KS/ED
Date 6-13-07

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground																														
Rock																														
Lichens																														
Moss																														
Litter - Standing		1				3	4	3					1				1					1	1			**3**	**7**	**5**		
Litter - Down					9					10					9					9					8					**45**
Basal Vegetation					1										1					1					2					**5**
SPECIES		1			10	3	4	3		10			1		10		1			10		1	1		10	3	7	5		50
Bromus inermis						3	1				3	2	2			1		1	1							**7**	**3**	**3**	**1**	
Poa pratensis					1	1	1																			**1**	**1**			**1**
Lysimachia ciliata	1																									**1**				
Urtica dioica			1													7	7	3								**7**	**7**	**4**		
Polygonum amphibium	1																									**1**				
Galium aparine	1	1	1								2	2								1						**3**	**3**	**1**		**1**
Polygonum convolvulus																							1					**1**		
Rosa woodsii						1	1														1					**2**	**1**			
Symphoricarpos occidentalis	6	6	4	2		2					5	2	1	1	1	2	2	1			8	6	4	2	2	**23**	**16**	**10**	**5**	**3**

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE TP-11

Slope (percent) 6
Aspect (degrees) 051
Topography Midslope
Configuration Straight

Ecological Site Tame Pasture
Community Type *Bromus inermis/Agropyron cristatum* TP
Investigator LL/PC
Date 9-7-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					1					7					1					4					3					**16**
Rock																														
Lichens																														
Moss																														
Litter - Standing		1					3				4	2	1			1						1				**5**	**7**	**1**		
Litter - Down					8					3					9					5					5					**30**
Basal Vegetation					1															1					2					**4**
		1			10		3			10	4	2	1		10	1				10		1			10	5	7	1		50
SPECIES																														
Agropyron cristatum	1					3	1				2	2													1	**6**	**3**			**1**
Bromus inermis	3				1	2										1	1			1	3				1	**9**	**1**			**3**
Poa pratensis											2															**2**				
Gutierrezia sarothrae																2					1					**3**				
Convolvulus arvensis											1															**1**				

SAMPLE SITE TP-12

Slope (percent) 5
Aspect (degrees) 347
Topography Midslope
Configuration Convex (Straight)

Ecological Site Tame Pasture
Community Type *Agropyron cristatum/Bromus inermis* TP
Investigator LL, PC
Date 9-7-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					3					3					4					2					6					**18**
Rock																														
Lichens																														
Moss																														
Litter - Standing	2	1				3	1	1			1	1					2	2								**6**	**5**	**3**		
Litter - Down					6					7					6					7					4					**30**
Basal Vegetation					1															1										**2**
	2	1			10	3	1	1		10	1	1			10		2	2		10					10	6	5	3		50
SPECIES																														
Agropyron cristatum	2				1	3					2					3				1						**10**				**2**
Bromus inermis	1					1	1									2	3				2					**6**	**4**			
Poa pratensis											1															**1**				
Convolvulus arvensis	1															1										**2**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE TP-13

Slope (percent) 7
Aspect (degrees) 040
Topography Midslope
Configuration Straight

Ecological Site Tame Pasture
Community Type *Bromus inermis/Agropyron cristatum* TP
Investigator DC, JB
Date 9-7-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					5					4					6					4					2					**21**
Rock																														
Lichens										1																				**1**
Moss																														
Litter - Standing	1					1						1	1			2	1									**4**	**2**	**1**		
Litter - Down					5					5					4					5					8					**27**
Basal Vegetation																				1										**1**
	1				10	1				10		1	1		10	2	1			10					10	4	2	1		50
SPECIES																														
Agropyron cristatum	3					1					2	1				1				1	2					**9**	**1**			**1**
Bromus inermis	1					4					2	1				2					2	1				**11**	**2**			

SAMPLE SITE TP-14

Slope (percent) 6
Aspect (degrees) 180
Topography Midslope
Configuration Undulating

Ecological Site Tame Pasture
Community Type *Agropyron cristatum/Buchloe dactyloides* TP
Investigator DC, JB
Date 9-6-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground										8					2					8					6					**24**
Rock																														
Lichens															1															**1**
Moss																														
Litter - Standing	1										1	1														**2**	**1**			
Litter - Down					6					1					6					1					4					**18**
Basal Vegetation					4					1					1					1										**7**
	1				10					10	1	1			10					10					10	2	1			50
SPECIES																														
Agropyron smithii	1																									**1**				
Carex eleocharis											1															**1**				
Buchloe dactyloides	6	1			4																					**6**	**1**			**4**
Agropyron cristatum						2				1	4				1	1				1	1					**8**				**3**

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE TP-15

Slope (percent) 1
Aspect (degrees) 340
Topography Bench
Configuration Straight

Ecological Site Tame Pasture
Community Type *Agropyron cristatum/Bromus inermis* TP
Investigator DC, JB
Date 8-22-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					5					2					7					2					5					21
Rock																														
Lichens																														
Moss																														
Litter - Standing		1				1															1					2	1			
Litter - Down					5					7					2					7					3					24
Basal Vegetation										1					1					1					2					5
		1			10	1				10					10					10	1				10	2	1			50
SPECIES																														
Buchloe dactyloides																					1				2	1				2
Agropyron cristatum	3					2				1	1				1	1										7				2
Bromus inermis																1				1						1				1

SAMPLE SITE TP-16

Slope (percent) 1
Aspect (degrees) 330
Topography Bench
Configuration Straight

Ecological Site Tame Pasture
Community Type *Agropyron cristatum/Bromus inermis (Artemisia cana)* TP
Investigator DC, JB
Date 8-22-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					5					10					3					5					4					27
Rock																														
Lichens																														
Moss																														
Litter - Standing	2					1					3	1														6	1			
Litter - Down					5										7					5					6					23
Basal Vegetation																														
	2				10	1				10	3	1			10					10					10	6	1			50
SPECIES																														
Agropyron smithii											1					1										2				
Agropyron cristatum	1					2																				3				
Bromus inermis						2					1					2					3					8				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE TP-17

Slope (percent) 3
Aspect (degrees) 120
Topography Lower slope
Configuration Straight

Ecological Site Tame Pasture
Community Type *Agropyron cristatum (Buchloe dactyloides)* TP
Investigator DC, JB
Date 9-8-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					5					3										7					4					**19**
Rock																														
Lichens																														
Moss																														
Litter - Standing											1															**1**				
Litter - Down					4					7					10					2					6					**29**
Basal Vegetation					1															1										**2**
					10					10	1				10					10					10	1				50
SPECIES																														
Agropyron cristatum	1				1	2					4	2				1				1	1					**9**	**2**			**2**
Convolvulus arvensis																4	1									**4**	**1**			

SAMPLE SITE TP-18

Slope (percent) 3
Aspect (degrees) 008
Topography Midslope
Configuration Straight

Ecological Site Tame Pasture
Community Type *Bromus inermis/Agropyron cristatum/Poa pratensis* TP
Investigator LL/PC
Date 9-8-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					7					4					3					4										**18**
Rock																														
Lichens															1															**1**
Moss																														
Litter - Standing	1						2				1					3					2					**7**	**2**			
Litter - Down					3					5					5					5					9					**27**
Basal Vegetation										1					1					1					1					**4**
	1				10		2			10	1				10	3				10	2				10	7	2			50
SPECIES																														
Buchloe dactyloides																					4	1			1	**4**	**1**			**1**
Agropyron cristatum						2				1																**2**				**1**
Bromus inermis						1										1										**2**				
Poa pratensis	1					1					3				1					1						**5**				**2**
Artemisia frigida						1																				**1**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE TP-19

Slope (percent) 6
Aspect (degrees) 099
Topography Upper slope
Configuration Undulating

Ecological Site Tame Pasture
Community Type *Bromus inermis/Agropyron cristatum/ Poa pratensis* TP
Investigator LL/MT
Date 6-14-07

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground										3										2										**5**
Rock																														
Lichens																				1										**1**
Moss																														
Litter - Standing	1	1					1				1															**2**	**2**			
Litter - Down					10					7					10					7					10					**44**
Basal Vegetation																														
	1	1			10		1			10	1				10					10					10	2	2			50
SPECIES																														
Agropyron smithii		1																									**1**			
Carex filifolia											2	2									3					**5**	**2**			
Koeleria pyramidata											1															**1**				
Buchloe dactyloides																					5	4				**5**	**4**			
Agropyron cristatum																3										**3**				
Bromus inermis	4					4					2					3					2					**15**				
Poa pratensis	1					2					2															**5**				

SAMPLE SITE TP-20

Slope (percent) 1
Aspect (degrees) 128
Topography Bottom
Configuration Straight (Concave)

Ecological Site Tame Pasture
Community Type *Poa pratensis/Bromus inermis/Agropyron smithii* TP
Investigator JB, CB
Date 8-23-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground																														
Rock																														
Lichens																														
Moss																														
Litter - Standing	3	3	4			2	3	1			5	4	1			2	3	2			3	4	2			**15**	**17**	**10**		
Litter - Down					10					10					8					7					9					**44**
Basal Vegetation															2					3					1					**6**
	3	3	4		10	2	3	1		10	5	4	1		10	2	3	2		10	3	4	2		10	15	17	10		50
SPECIES																														
Agropyron smithii	2	2									1					6	1				2	1				**11**	**4**			
Agropyron trachycaulum	2	2				2					1				1		1	1			3					**8**	**3**	**1**		**1**
Bromus inermis						4	3	1																		**4**	**3**	**1**		
Poa pratensis	2	2	3				1				3	5	1		1	1	4	1		3	2	2	1		1	**8**	**14**	**6**		**5**
Artemisia ludoviciana	1																									**1**				
Helianthus maximilianii																1										**1**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE TP-21

Slope (percent) 2
Aspect (degrees) 104
Topography Terrace
Configuration Undulating

Ecological Site Tame Pasture
Community Type *Symphoricarpos occidentalis/Agropyron cristatum* TP
Investigator JB, CB
Date 8-23-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground																														
Rock																														
Lichens																														
Moss																														
Litter - Standing	1	1				2	1				6	4	1			2	2	1			4					**15**	**8**	**2**		
Litter - Down					10					8					9					10					9					**46**
Basal Vegetation										2					1										1					**4**
	1	1			10	2	1			10	6	4	1		10	2	2	1		10	4				10	15	8	2		50
SPECIES																														
Agropyron cristatum	6					2	1			1	2	3			1	1										**11**	**4**			**2**
Bromus inermis																4	2				1					**5**	**2**			
Poa pratensis																	1				1	1				**1**	**2**			
Rosa arkansana																1	1									**1**	**1**			
Symphoricarpos occidentalis		1				2				1	1	1	1								2				1	**5**	**2**	**1**		**2**

SAMPLE SITE TP-22

Slope (percent) 2
Aspect (degrees) 124
Topography Terrace
Configuration Straight

Ecological Site Tame Pasture
Community Type *Bromus inermis/Agropyron cristatum* TP
Investigator JB, CB
Date 8-23-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground																														
Rock																														
Lichens																														
Moss																														
Litter - Standing	6	5	1			4	3	1			3	2				6	1				5	4				**24**	**15**	**2**		
Litter - Down					8					9					10					8					9					**44**
Basal Vegetation					2					1										2					1					**6**
	6	5	1		10	4	3	1		10	3	2			10	6	1			10	5	4			10	24	15	2		50
SPECIES																														
Agropyron cristatum			1								3	4				2	2			1						**5**	**6**	**1**		**1**
Bromus inermis	4	2			2	6	1			1	2					2				1	1				1	**15**	**3**			**5**
Poa pratensis																					3	3				**3**	**3**			

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE TP-23

Slope (percent) 2
Aspect (degrees) 110
Topography Terrace
Configuration Straight

Ecological Site Tame Pasture
Community Type *Agropyron cristatum/Poa pratensis/Bouteloua gracilis* TP
Investigator JB, CB
Date 8-23-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground					4					4										3										**11**
Rock																														
Lichens																														
Moss																														
Litter - Standing	5	2				2					3	4				6	3				3	3				**19**	**12**			
Litter - Down					6					6					9					7					9					**37**
Basal Vegetation															1										1					**2**
	5	2			10	2				10	3	4			10	6	3			10	3	3			10	19	12			50
SPECIES																														
Agropyron smithii																					1					**1**				
Agropyron trachycaulum											1															**1**				
Carex eleocharis																					2					**2**				
Bouteloua gracilis						1															1					**2**				
Agropyron cristatum	1	1				1															1				1	**3**	**1**			**1**
Poa pratensis											3				1	2					1					**6**				**1**
Artemisia ludoviciana																1										**1**				
Medicago sativa						1	1																			**1**	**1**			

SAMPLE SITE TP-24

Slope (percent) 2
Aspect (degrees) 064
Topography Terrace
Configuration Undulating

Ecological Site Tame Pasture
Community Type *Agropyron cristatum* TP
Investigator JB, CB
Date 9-5-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground					1					1																				**2**
Rock																														
Lichens																														
Moss																														
Litter - Standing						5	2				5					2	2						1			**12**	**4**	**1**		
Litter - Down					8					9					9					10					9					**45**
Basal Vegetation					1										1										1					**3**
					10	5	2			10	5				10	2	2			10			1		10	12	4	1		50
SPECIES																														
Bouteloua gracilis					1																									**1**
Agropyron cristatum	3	1				2					1				1	7	1				5	1			1	**18**	**3**			**2**
Poa pratensis																1										**1**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE TP-25

Slope (percent) 3
Aspect (degrees) 145
Topography Bottom
Configuration Undulating
Ecological Site Tame Pasture
Community Type *Agropyron cristatum/Poa pratensis/ Symphoricarpos occidentalis* TP
Investigator JB
Date 9-5-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground										2																				**2**
Rock																														
Lichens																														
Moss																														
Litter - Standing	4	1				4					3	2				1					7		1			**19**	**3**	**1**		
Litter - Down					9					8					9					10					10					**46**
Basal Vegetation					1										1															**2**
	4	1			10	4				10	3	2			10	1				10	7		1		10	19	3	1		50
SPECIES																														
Agropyron cristatum	4				1	1					6	1			1						3	3				**14**	**4**			**2**
Poa pratensis						2										2	1									**4**	**1**			
Symphoricarpos occidentalis												2				1										**1**	**2**			

SAMPLE SITE TP-26

Slope (percent) 7
Aspect (degrees) 282
Topography Lower slope
Configuration Concave (Straight)
Ecological Site Tame Pasture
Community Type *Agropyron cristatum/Bromus inermis/ Buchloe dactyloides* TP
Investigator LL, PC
Date 8-22-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground					5					5					1					5					6					**22**
Rock																														
Lichens																									2					**2**
Moss																														
Litter - Standing	2	1				2					2	1				1					1					**8**	**2**			
Litter - Down					4					5					8					5					2					**24**
Basal Vegetation					1										1															**2**
	2	1			10	2				10	2	1			10	1				10	1				10	8	2			50
SPECIES																														
Koeleria pyramidata																					1					**1**				
Buchloe dactyloides											4	1			1											**4**	**1**			**1**
Agropyron cristatum	4				1						2					2					1					**9**				**1**
Bromus inermis	2					2					1															**5**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE TP-27

Slope (percent) 12
Aspect (degrees) 170
Topography Midslope
Configuration Straight

Ecological Site Tame Pasture
Community Type *Agropyron cristatum* TP
Investigator DC, JB
Date 9-6-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					1										2										3					**6**
Rock																														
Lichens																														
Moss																														
Litter - Standing	3	1	1			3	3	2			3	2	1				2	1					2			**9**	**8**	**7**		
Litter - Down					8					9					8					9					7					**41**
Basal Vegetation					1					1										1										**3**
	3	1	1		10	3	3	2		10	3	2	1		10		2	1		10			2		10	9	8	7		50
SPECIES																														
Agropyron cristatum	4	4	1		1	6	3	1		1	4	2				6	3	1		1	5	4				**25**	**16**	**3**		**3**
Bouteloua gracilis	2																									**2**				

SAMPLE SITE TP-28

Slope (percent) 5
Aspect (degrees) 200
Topography Lower slope
Configuration Straight

Ecological Site Tame Pasture
Community Type *Agropyron cristatum/Buchloe dactyloides* TP
Investigator DC, JB
Date 9-8-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					3					5					5					5					5					**23**
Rock																														
Lichens																														
Moss																														
Litter - Standing	2					1					1					1	1					1				**5**	**2**			
Litter - Down					7					5					2					4					5					**23**
Basal Vegetation															3					1										**4**
	2				10	1				10	1				10	1	1			10		1			10	5	2			50
SPECIES																														
Carex eleocharis															1															**1**
Buchloe dactyloides																3				1						**3**				**1**
Agropyron cristatum	3	1				4					3				2	2					2					**14**	**1**			**2**
Bromus inermis																					2					**2**				
Artemisia frigida																						1					**1**			
Solidago rigida																					1					**1**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE TP-29

Slope (percent) 2-3
Aspect (degrees) 338
Topography Floodplain Terrace
Configuration Straight

Ecological Site Tame Pasture
Community Type *Poa pratensis/Bromus inermis/Agropyron cristatum* TP
Investigator KS, DB
Date 9-9-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground					1																									**1**
Rock																														
Lichens																														
Moss																														
Litter - Standing											1					2					1					**4**				
Litter - Down					8					10					9					10					9					**46**
Basal Vegetation					1										1										1					**3**
					10					10	1				10	2				10	1				10	4				50
SPECIES																														
Bromus inermis	1										5				1	3	1									**9**	**1**			**1**
Poa pratensis	1				1	4					1	1									4				1	**10**	**1**			**2**

SAMPLE SITE TP-30

Slope (percent) 1-2
Aspect (degrees) 124
Topography Floodplain Terrace
Configuration Straight

Ecological Site Tame Pasture
Community Type *Bromus inermis/Poa pratensis* TP
Investigator KS/ED
Date 6-14-07

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground																														
Rock																														
Lichens																														
Moss																														
Litter - Standing		1				1	3				1	1	1			1					1	2				**4**	**7**	**1**		
Litter - Down					8					10					8					9					9					**44**
Basal Vegetation					2										2					1					1					**6**
		1			10	1	3			10	1	1	1		10	1				10	1	2			10	4	7	1		50
SPECIES																														
Bromus inermis	6	2			1	5	2				2	1	1		1	5				1	5	1			1	**23**	**6**	**1**		**4**
Poa pratensis	2		1			3					3				1		1				2	2				**10**	**3**	**1**		**1**
Taraxacum officinale					1																									**1**

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE TP-31

Slope (percent) 1-2
Aspect (degrees) 114
Topography Floodplain Terrace
Configuration Straight

Ecological Site Tame Pasture
Community Type *Agropyron repens/Poa pratensis/ Bromus inermis* TP
Investigator KS/ED
Date 6-14-07

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					2																									**2**
Rock																														
Lichens																														
Moss																														
Litter - Standing		1				1					1					1		1				1				**3**	**2**	**1**		
Litter - Down					6					7					9					8					8					**38**
Basal Vegetation					2					3					1					2					2					**10**
		1			10	1				10	1				10	1		1		10		1			10	3	2	1		50
SPECIES																														
Buchloe dactyloides	1																									**1**				
Agropyron repens	6	1				2	1				3				1	5	2	1		2	4	1	1			**20**	**5**	**2**		**3**
Bromus inermis											1	1														**1**	**1**			
Poa pratensis	1	2			2	3				3	2					1					2	1			2	**9**	**3**			**7**

SAMPLE SITE TP-32

Slope (percent) 3
Aspect (degrees) 070
Topography Terrace
Configuration Straight

Ecological Site Tame Pasture
Community Type *Agropyron cristatum/Poa pratensis* TP
Investigator LL, PC
Date 9-11-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground																				1										**1**
Rock																														
Lichens																														
Moss																														
Litter - Standing	3	3				2	2				3	2	2			3					2	4				**13**	**11**	**2**		
Litter - Down					10					9					10					8					10					**47**
Basal Vegetation										1										1										**2**
	3	3			10	2	2			10	3	2	2		10	3				10	2	4			10	13	11	2		50
SPECIES																														
Agropyron cristatum	6	1				1					5	2				2				1	5	1				**19**	**4**			**1**
Bromus inermis						2	1																			**2**	**1**			
Poa pratensis	1	2	1			4	3			1	2	1				1	1				2	1				**10**	**8**	**1**		**1**

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE TP-33

Slope (percent) 2
Aspect (degrees) 322
Topography Midslope
Configuration Convex

Ecological Site Tame Pasture
Community Type *Agropyron cristatum/Bromus inermis (Artemisia cana)* TP
Investigator Everyone
Date 8-18-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					2					7					7					4					5					**25**
Rock																														
Lichens																				1										**1**
Moss					1																									**1**
Litter - Standing											1															**1**				
Litter - Down					7					3					3					4					5					**22**
Basal Vegetation																				1										**1**
					10					10	1				10					10					10	1				50
SPECIES																														
Agropyron cristatum	2	1				2					1					1				1	2					**8**	**1**			**1**
Artemisia cana											1															**1**				

SAMPLE SITE TP-34

Slope (percent) 8
Aspect (degrees) 045
Topography Midslope
Configuration Convex

Ecological Site Tame Pasture
Community Type *Agropyron cristatum/Stipa comata/Bouteloua gracilis* TP
Investigator LL, PC
Date 9-8-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					4					1																				**5**
Rock																														
Lichens										1																				**1**
Moss																														
Litter - Standing	4	3				2	4	1			1	3				5	4	1			3	1				**15**	**15**	**2**		
Litter - Down					5					5					9					10					10					**39**
Basal Vegetation					1					3					1															**5**
	4	3			10	2	4	1		10	1	3			10	5	4	1		10	3	1			10	15	15	2		50
SPECIES																														
Koeleria pyramidata						1																				**1**				
Stipa comata						2					1	1				1	2									**4**	**3**			
Bouteloua gracilis																					2					**2**				
Agropyron cristatum	2				1	2	1				2					3	1				4	1				**13**	**3**			**1**
Bromus inermis											1															**1**				
Poa pratensis	1					1																				**2**				
Opuntia fragilis															1															**1**
Selaginella densa										3																				**3**
Melilotus officinalis											2					1										**3**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE TP-35

Slope (percent) 1
Aspect (degrees) 100
Topography Ridge
Configuration Straight

Ecological Site Tame Pasture
Community Type *Agropyron cristatum/Stipa comata/Bouteloua gracilis* TP
Investigator DC, JB
Date 9/8/06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					3					7					3					9					5					**27**
Rock																														
Lichens																														
Moss																														
Litter - Standing						1	1				2	1				1					2	1				**6**	**3**			
Litter - Down					7					2					6										4					**19**
Basal Vegetation										1					1					1					1					**4**
					10	1	1			10	2	1			10	1				10	2	1			10	6	3			50
SPECIES																														
Koeleria pyramidata																2				1						**2**				**1**
Stipa comata	4									1	2	1			1	1					2					**9**	**1**			**2**
Agropyron cristatum	2																				3	1			1	**5**	**1**			**1**
Bromus inermis	1																									**1**				
Artemisia frigida						1																				**1**				

SAMPLE SITE TP-36

Slope (percent) 11
Aspect (degrees) 198
Topography Midslope
Configuration Straight

Ecological Site Tame Pasture
Community Type *Agropyron cristatum/Stipa comata/Stipa viridula* TP
Investigator LL, PC
Date 8-22-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					3					7					1					6					1					**18**
Rock																														
Lichens																														
Moss																														
Litter - Standing	1	1									2	3				1	1	1			3	3				**7**	**8**	**1**		
Litter - Down					7					2					9					4					8					**30**
Basal Vegetation										1															1					**2**
	1	1			10					10	2	3			10	1	1	1		10	3	3			10	7	8	1		50
SPECIES																														
Stipa comata		1				3																				**3**	**1**			
Stipa viridula	1	2																								**1**	**2**			
Sporobolus cryptandrus						1																				**1**				
Agropyron cristatum	4					1				1	5					5	2				7				1	**22**	**2**			**2**
Medicago sativa											1															**1**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE TP-37

Slope (percent) 10
Aspect (degrees) 239
Topography Lower slope
Configuration Straight

Ecological Site Tame Pasture
Community Type *Agropyron cristatum (Bromus inermis)* TP
Investigator JB, CB
Date 8-22-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					4										5					4					3					**16**
Rock																														
Lichens																									1					**1**
Moss																														
Litter - Standing	2	1				1					1	1				1		1								**5**	**2**	**1**		
Litter - Down					5					8					3					5					5					**26**
Basal Vegetation					1					2					2					1					1					**7**
	2	1			10	1				10	1	1			10	1		1		10					10	5	2	1		50
SPECIES																														
Stipa comata																					4				1	**4**				**1**
Agropyron cristatum	2	1			1	3				2	3				2	2				1	1					**11**	**1**			**6**
Poa compressa	1																									**1**				
Medicago sativa						1	1																			**1**	**1**			

SAMPLE SITE TP-38

Slope (percent) 14
Aspect (degrees) 176
Topography Midslope
Configuration Convex

Ecological Site Tame Pasture
Community Type *Stipa comata/Agropyron cristatum* TP
Investigator LL, PC
Date 8-22-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					6					1					4					4										**15**
Rock																														
Lichens																														
Moss																														
Litter - Standing	2	1				1		1																		**3**	**1**	**1**		
Litter - Down					3					8					5					6					9					**31**
Basal Vegetation					1					1					1										1					**4**
	2	1			10	1		1		10					10					10					10	3	1	1		50
SPECIES																														
Agropyron smithii											2															**2**				
Stipa comata	5	1			1	3	2			1	1				1	5					5	1			1	**19**	**4**			**4**
Sporobolus cryptandrus																1										**1**				
Agropyron cristatum	1																1									**1**	**1**			
Bromus inermis																					1					**1**				
Poa compressa						2																				**2**				
Poa pratensis																1										**1**				
Lithospermum incisum						1																				**1**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE TP-39

Slope (percent) 10
Aspect (degrees) 177
Topography Midslope
Configuration Straight

Ecological Site Tame Pasture
Community Type *Agropyron cristatum* TP
Investigator JB, CB
Date 8-22-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground										2										2					1					5
Rock																														
Lichens																														
Moss																														
Litter - Standing	3		1					1					1								2	1	1			5	1	4		
Litter - Down					8					8					9					7					9					41
Basal Vegetation					2										1					1										4
	3		1		10			1		10			1		10					10	2	1	1		10	5	1	4		50
SPECIES																														
Agropyron cristatum	4	2			2	4	1				7				1	3				1	5	1				23	4			4

SAMPLE SITE TP-40

Slope (percent) 15
Aspect (degrees) 188
Topography Lower slope
Configuration Convex (Straight)

Ecological Site Tame Pasture
Community Type *Agropyron cristatum/Bromus inermis* TP
Investigator LL, PC, JB, CB
Date 8--22-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					2					1					5					3					1					12
Rock																														
Lichens																														
Moss																														
Litter - Standing	1	1				1	3	1			1	1				2	1					4	1			5	10	2		
Litter - Down					7					9					5					6					9					36
Basal Vegetation					1															1										2
	1	1			10	1	3	1		10	1	1			10	2	1			10		4	1		10	5	10	2		50
SPECIES																														
Stipa comata	1										3															4				
Stipa viridula						1																				1				
Agropyron cristatum	2					4										3					6					15				
Bromus inermis					1	2	1					1								1	1					3	2			2
Medicago sativa																2					1					3				
Grindelia squarrosa											1															1				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE TP-41

Slope (percent) 5
Aspect (degrees) 326
Topography Bench
Configuration Convex

Ecological Site Tame Pasture
Community Type *Agropyron cristatum/Bouteloua gracilis* TP
Investigator KS, DB
Date 9-8-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					4					3					1										3					**11**
Rock																														
Lichens																														
Moss																														
Litter - Standing	1					1	2				2	1				1										**5**	**3**			
Litter - Down					6					6					8					10					7					**37**
Basal Vegetation										1					1															**2**
	1				10	1	2			10	2	1			10	1				10					10	5	3			50
SPECIES																														
Carex eleocharis																1										**1**				
Bouteloua gracilis						1															1					**2**				
Agropyron cristatum	2					3				1	4				1	2					4	1				**15**	**1**			**2**

SAMPLE SITE TP-42

Slope (percent) 5-8
Aspect (degrees) 248
Topography Midslope
Configuration Undulating

Ecological Site Tame Pasture
Community Type *Agropyron cristatum/Bouteloua gracilis* TP
Investigator KS, DB
Date 9-7-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground										1										2										**3**
Rock																														
Lichens																														
Moss																														
Litter - Standing	1					2					1					1					4					**9**				
Litter - Down					9					8					9					8					10					**44**
Basal Vegetation					1					1					1															**3**
	1				10	2				10	1				10	1				10	4				10	9				50
SPECIES																														
Agropyron smithii											1															**1**				
Bouteloua gracilis						1										2										**3**				
Agropyron cristatum	4				1	3				1	3				1							1				**10**	**1**			**3**

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE TP-43

Slope (percent) 2
Aspect (degrees) 038
Topography Ridge
Configuration Straight

Ecological Site Tame Pasture
Community Type *Agropyron cristatum/Bromus inermis* TP
Investigator LL/MT
Date 6-14-07

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					5					1										4					1					**11**
Rock																														
Lichens																														
Moss																														
Litter - Standing	1					1		2										1								**2**		**3**		
Litter - Down					5					8					10					5					8					**36**
Basal Vegetation										1										1					1					**3**
	1				10	1		2		10					10			1		10					10	2		3		50
SPECIES																														
Agropyron smithii																						1					**1**			
Carex eleocharis	2	1														1						1				**3**	**2**			
Koeleria pyramidata												1				1										**1**	**1**			
Stipa comata																2									1	**2**				**1**
Agropyron cristatum	3					2					3	1				4	1			1	2					**14**	**2**			**1**
Bromus inermis						3				1	2										1	1				**6**	**1**			**1**
Euphorbia esula											1															**1**				

SAMPLE SITE TP-44

Slope (percent) 3
Aspect (degrees) 040
Topography Ridge
Configuration Straight/Convex

Ecological Site Tame Pasture
Community Type *Bromus inermis/Stipa comata/ Koeleria pyramidata* TP
Investigator LL/MT
Date 6-14-07

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					2					1					1					1					1					**6**
Rock																														
Lichens																				1										**1**
Moss																														
Litter - Standing	1	2				1	2						1				1				1					**3**	**5**	**1**		
Litter - Down					8					9					7					8					9					**41**
Basal Vegetation															2															**2**
	1	2			10	1	2			10			1		10		1			10	1				10	3	5	1		50
SPECIES																														
Agropyron smithii	4										1										1					**6**				
Carex eleocharis		1				2	1				1	1			1	1										**4**	**3**			**1**
Koeleria pyramidata																1					2					**3**				
Agropyron cristatum						1															1					**2**				
Bromus inermis	2	1				2					2				1	3					1					**10**	**1**			**1**

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE TP-45

Slope (percent) 2
Aspect (degrees) 354
Topography Lower slope
Configuration Straight

Ecological Site Tame Pasture
Community Type *Agropyron cristatum/Buchloe dactyloides* TP
Investigator LL, PC
Date 8-23-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					5					4					7					3					3					**22**
Rock																														
Lichens																														
Moss																														
Litter - Standing	2	1										1				1					1					**4**	**2**			
Litter - Down					5					6					1					7					5					**24**
Basal Vegetation															2										2					**4**
	2	1			10					10		1			10	1				10	1				10	4	2			50
SPECIES																														
Agropyron smithii																1										**1**				
Stipa viridula		1																									**1**			
Agropyron cristatum	1					1					2				2	2	1				2				2	**8**	**1**			**4**

SAMPLE SITE TP-46

Slope (percent) 5
Aspect (degrees) 354
Topography Swale
Configuration Concave

Ecological Site Tame Pasture
Community Type *Agropyron cristatum/Bromus inermis/Buchloe dactyloides* TP
Investigator LL, PC
Date 8-22-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B
PARAMETERS																														
Bare Ground					10					2					5					5					4					**26**
Rock																														
Lichens																														
Moss																														
Litter - Standing						1	2				2										2					**5**	**2**			
Litter - Down										8					5					4					6					**23**
Basal Vegetation																				1										**1**
					10	1	2			10	2				10					10	2				10	5	2			50
SPECIES																														
Agropyron cristatum						2														1	2					**4**				**1**
Bromus inermis						1															2					**3**				

POINT INTERCEPT COVER SUMMARY
Number of Hits per 10-point Pin Frame

SAMPLE SITE TP-47

Slope (percent) 1
Aspect (degrees) 218
Topography Midslope
Configuration Straight

Ecological Site Tame Pasture
Community Type *Agropyron cristatum/Buchloe dactyloides* TP
Investigator JB,CB
Date 9-5-06

FRAME	1					2					3					4					5					TOTAL				
HIT	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	1	2	3	4	B	**1**	**2**	**3**	**4**	**B**
PARAMETERS																														
Bare Ground					9					6					2					7					6					**30**
Rock																														
Lichens																														
Moss																														
Litter - Standing																					1					**1**				
Litter - Down										4					7					2					1					**14**
Basal Vegetation					1										1					1					3					**6**
					10					10					10					10	1				10	1				50
SPECIES																														
Buchloe dactyloides											3				1						2				2	**5**				**3**
Agropyron cristatum					1	1					1									1					1	**2**				**3**
Atriplex nuttallii	1																									**1**				