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Appendix

Table A1. GPS locations, habitat descriptions and the most recent year each site used in the study were burned.

Site	BCNWR Tract name	GIS coordinates for corner plots	Elev. (m)	Habitat description	Most recent burn
1	Gainer	30°37'78.6"N, 97°59'89.9"W 30°37'81.7"N, 97°59'88.5"W 30°37'81.9"N, 97°59'88.8"W 30°37'80.0"N, 97°59'89.9"W	360.1	loamy/ rocky soil, short grassland dominated by <i>Bouteloua hirsuta</i> , <i>Aristida</i> sp.	2009
2	Russell	30°40'62.5"N, 98°05'074 W 30° 40'60'8"N, 98°05'05.3"W 30° 40'61'1"N, 98°05'04.9"W 30° 40'62'8"N, 98°05'06.6"W	399.5	rocky soil, oak savannah dominated by <i>Erioneuron pilosum</i> , <i>Aristida</i> sp., <i>Schizachyrium scoparium</i>	2010
3	Beard	30° 38'18.5"N, 98°04'23.7"W 30° 38'19'2"N, 98°04'25.5"W 30° 38'17'8"N, 98°04'24.1"W 30° 38'19'0"N, 98°04'26.0"W	380.0	rocky soil, oak savannah hillside dominated by <i>S. scoparium</i>	unknown
4	Flying X	30°37'85.5"N, 98°04'78.4"W 30° 37'85'4"N, 98°04'76.3"W 30° 37'86'4"N, 98°04'78.6"W 30° 37'86'5"N, 98°04'77.2"W	415.6	rocky shallow soil, sparse mixed grassland dominated by <i>S. scoparium</i> , <i>Bouteloua rigidiseta</i> , <i>Bothriochloa ischaemum</i> var. <i>songarica</i>	2006

Table A2. List of grasshopper species found during sampling on the Balcones Canyonlands National Wildlife refuge. Diet data is based on unpublished observations and data from the authors as well as Capinera and Sechrist (1981), Pfadt (2002), and Richman et al. (1993). Diet breadth classification shows whether a species is polyphagous (feeds on multiple species in multiple plant families) or oligophagous (feeds on multiple species within one plant family).

Subfamily	Species	Host plants		Diet breadth
		Forbs	Grasses	
Melanoplinae	<i>Campylacantha olivacea</i>	X		Oligophagous (asters)
	<i>Hesperotettix speciosus</i>	X		Oligophagous (asters)
	<i>Melanoplus angustipennis</i>	X	X	Polyphagous
	<i>Melanoplus differentialis</i>	X	X	Polyphagous
	<i>Melanoplus discolor</i>	X	X	Polyphagous
	<i>Melanoplus confusus</i>	X	X	Polyphagous
	<i>Melanoplus femurrubrum</i>	X	X	Polyphagous
	<i>Melanoplus flabellatus</i>	X	X	Polyphagous
	<i>Melanoplus packardii</i>	X	X	Polyphagous
	<i>Melanoplus ponderosus</i>	X	X	Polyphagous
	<i>Melanoplus tuberculatus</i>	?	?	Unknown
	<i>Paraidomena punctata</i>	?		Unknown
	<i>Phaedrotettix concinnus</i>	X		Polyphagous
	<i>Phaulotettix eurycercus</i>	?		Unknown
Gomphocerinae	<i>Ageneotettix deorum</i>		X	Oligophagous (grasses)
	<i>Boopedon gracile</i>		X	Oligophagous (grasses)
	<i>Eritettix abortivus</i>		X	Oligophagous (grasses)
	<i>Mermiria bivitatta</i>		X	Oligophagous (grasses)
	<i>Opeia obscura</i>		X	Oligophagous (grasses)
	<i>Syrbula admiralis</i>		X	Oligophagous (grasses)
Oedipodinae	<i>Arphia simplex</i>		X	Oligophagous (grasses)
	<i>Chortophaga viridifasciata</i>		X	Oligophagous (grasses)
	<i>Encoptolophus costalis</i>		X	Oligophagous (grasses)
	<i>Hadrotettix trifasciatus</i>	X	X	Polyphagous
	<i>Hippiscus ocelote</i>		X	Oligophagous (grasses)
	<i>Hippopedon capito</i>		?	Unknown
	<i>Spharagemon equale</i>	X	X	Polyphagous
	<i>Tracyrachys kiowa</i>		X	Oligophagous (grasses)
	<i>Xanthippus corallipes</i>		X	Oligophagous (grasses)

Table A3. Total number of individuals, mean density, and standard error of density for individual grasshopper species by month and experimental treatment.

Subfamily	Species	Month: Treatment:	May Control			June Control			June Watered		
			Total	Mean	SE	Total	Mean	SE	Total	Mean	SE
Gomphocerinae	<i>Ageneotettix deorum</i>		5	0.31	0.15	4	0.25	0.14	4	0.25	0.11
Gomphocerinae	<i>Boopedon gracile</i>		0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
Gomphocerinae	<i>Eritettix abortivus</i>		0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
Gomphocerinae	<i>Mermiria bivittata</i>		13	0.81	0.28	6	0.38	0.15	14	0.88	0.31
Gomphocerinae	<i>Opeia obscura</i>		0	0.00	0.00	0	0.00	0.00	1	0.06	0.06
Gomphocerinae	<i>Syrbula admiralis</i>		0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
Melanoplinae	<i>Campylacantha olivacea</i>		0	0.00	0.00	0	0.00	0.00	1	0.06	0.06
Melanoplinae	<i>Hesperotettix speciosus</i>		10	0.63	0.33	1	0.06	0.06	0	0.00	0.00
Melanoplinae	<i>Melanoplus angustipennis</i>		0	0.00	0.00	2	0.13	0.09	3	0.19	0.14
Melanoplinae	<i>Melanoplus confusus</i>		4	0.25	0.14	0	0.00	0.00	2	0.13	0.13
Melanoplinae	<i>Melanoplus differentialis</i>		0	0.00	0.00	0	0.00	0.00	1	0.06	0.06
Melanoplinae	<i>Melanoplus discolor</i>		18	1.13	0.43	32	2.00	0.74	19	1.19	0.53
Melanoplinae	<i>Melanoplus femurrubrum</i>		0	0.00	0.00	1	0.06	0.06	0	0.00	0.00
Melanoplinae	<i>Melanoplus flabellatus</i>		14	0.88	0.35	3	0.19	0.14	9	0.56	0.22
Melanoplinae	<i>Melanoplus packardii</i>		0	0.00	0.00	1	0.06	0.06	1	0.06	0.06
Melanoplinae	<i>Melanoplus ponderosus</i>		3	0.19	0.14	2	0.13	0.09	0	0.00	0.00
Melanoplinae	<i>Melanoplus tuberculatus</i>		0	0.00	0.00	1	0.06	0.06	0	0.00	0.00
Melanoplinae	<i>Paraidomena punctata</i>		1	0.06	0.06	4	0.25	0.17	1	0.06	0.06
Melanoplinae	<i>Phaedrotettix concinnus</i>		1	0.06	0.06	2	0.13	0.09	9	0.56	0.27
Melanoplinae	<i>Phaulotettix euryercus</i>		0	0.00	0.00	4	0.25	0.25	0	0.00	0.00
Oedipodinae	<i>Arphia simplex</i>		1	0.06	0.06	0	0.00	0.00	0	0.00	0.00
Oedipodinae	<i>Chortophaga viridifasciata</i>		0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
Oedipodinae	<i>Encoptolophus costalis</i>		0	0.00	0.00	4	0.25	0.11	0	0.00	0.00
Oedipodinae	<i>Hadrotettix trifasciatus</i>		6	0.38	0.26	8	0.50	0.32	3	0.19	0.14
Oedipodinae	<i>Hippiscus ocelote</i>		2	0.13	0.09	3	0.19	0.10	0	0.00	0.00
Oedipodinae	<i>Hippopedon capito</i>		0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
Oedipodinae	<i>Spharagemon equale</i>		1	0.06	0.06	6	0.38	0.20	0	0.00	0.00
Oedipodinae	<i>Tracyrachys kiowa</i>		0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
Oedipodinae	<i>Xanthippus corallipes</i>		0	0.00	0.00	1	0.06	0.06	1	0.06	0.06

Subfamily	Species	Month: Treatment:	July Control			July Watered			August Control			August Watered		
			Total	Mean	SE	Total	Mean	SE	Total	Mean	SE	Total	Mean	SE
Gomphocerinae	<i>Ageneotettix deorum</i>		9	0.60	0.25	4	0.24	0.11	4	0.24	0.11	4	0.25	0.14
Gomphocerinae	<i>Boopedon gracile</i>		1	0.07	0.07	1	0.06	0.06	0	0.00	0.00	0	0.00	0.00
Gomphocerinae	<i>Eritettix abortivus</i>		0	0.00	0.00	0	0.00	0.00	1	0.06	0.06	9	0.56	0.18
Gomphocerinae	<i>Mermiria bivittata</i>		2	0.13	0.09	14	0.82	0.21	2	0.12	0.08	1	0.06	0.06
Gomphocerinae	<i>Opeia obscura</i>		1	0.07	0.07	0	0.00	0.00	0	0.00	0.00	4	0.25	0.17
Gomphocerinae	<i>Syrbula admiralis</i>		0	0.00	0.00	1	0.06	0.06	0	0.00	0.00	5	0.31	0.22
Melanoplinae	<i>Campylacantha olivacea</i>		0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
Melanoplinae	<i>Hesperotettix speciosus</i>		0	0.00	0.00	1	0.06	0.06	0	0.00	0.00	0	0.00	0.00
Melanoplinae	<i>Melanoplus angustipennis</i>		1	0.07	0.07	1	0.06	0.06	1	0.06	0.06	0	0.00	0.00
Melanoplinae	<i>Melanoplus confusus</i>		0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
Melanoplinae	<i>Melanoplus differentialis</i>		0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
Melanoplinae	<i>Melanoplus discolor</i>		10	0.67	0.23	17	1.00	0.40	4	0.24	0.18	12	0.75	0.28
Melanoplinae	<i>Melanoplus femurrubrum</i>		0	0.00	0.00	2	0.12	0.08	1	0.06	0.06	0	0.00	0.00
Melanoplinae	<i>Melanoplus flabellatus</i>		2	0.13	0.09	4	0.24	0.18	0	0.00	0.00	0	0.00	0.00
Melanoplinae	<i>Melanoplus packardii</i>		0	0.00	0.00	2	0.12	0.08	0	0.00	0.00	0	0.00	0.00
Melanoplinae	<i>Melanoplus ponderosus</i>		0	0.00	0.00	1	0.06	0.06	0	0.00	0.00	0	0.00	0.00
Melanoplinae	<i>Melanoplus tuberculatus</i>		0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
Melanoplinae	<i>Paraidomena punctata</i>		2	0.13	0.13	3	0.18	0.13	0	0.00	0.00	0	0.00	0.00
Melanoplinae	<i>Phaedrotettix concinnus</i>		6	0.40	0.24	8	0.47	0.24	1	0.06	0.06	0	0.00	0.00
Melanoplinae	<i>Phaulotettix euryercus</i>		0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	1	0.06	0.06
Oedipodinae	<i>Arphia simplex</i>		1	0.07	0.07	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
Oedipodinae	<i>Chortophaga viridifasciata</i>		1	0.07	0.07	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
Oedipodinae	<i>Encoptolophus costalis</i>		0	0.00	0.00	1	0.06	0.06	0	0.00	0.00	2	0.13	0.09
Oedipodinae	<i>Hadrotettix trifasciatus</i>		5	0.33	0.13	7	0.41	0.12	1	0.06	0.06	5	0.31	0.31
Oedipodinae	<i>Hippiscus ocelote</i>		1	0.07	0.07	1	0.06	0.06	3	0.18	0.13	6	0.38	0.18
Oedipodinae	<i>Hippopedon capito</i>		0	0.00	0.00	0	0.00	0.00	1	0.06	0.06	0	0.00	0.00
Oedipodinae	<i>Spharagemon equale</i>		1	0.07	0.07	2	0.12	0.08	0	0.00	0.00	5	0.31	0.20
Oedipodinae	<i>Tracyrachys kiowa</i>		2	0.13	0.13	1	0.06	0.06	0	0.00	0.00	0	0.00	0.00
Oedipodinae	<i>Xanthippus corallipes</i>		0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00

Table A4. Mean and standard error of relative percent species cover for all plant species found in experimental plots.

Plant Family	Plant species	Month: Treatment:		June Control		June Watered	
		May Control	SE	Mean	SE	Mean	SE
Asclepiaceae	Asclepias asperula	0.00	0.00	0.31	0.31	0.00	0.00
Asclepiaceae	Asclepias viridiflora	0.00	0.00	0.00	0.00	0.00	0.00
Asparagaceae	Yucca rupicola	0.00	0.00	0.00	0.00	0.00	0.00
Asteraceae	Ambrosia artemisiifolia	0.24	0.24	0.89	0.89	0.00	0.00
Asteraceae	Cirsium sp.	0.00	0.00	0.27	0.27	0.00	0.00
Asteraceae	Erigeron geiseri/ modestus	0.96	0.96	0.00	0.00	2.41	1.85
Asteraceae	Gaillardia pulchella	1.39	0.95	0.00	0.00	0.00	0.00
Asteraceae	Gutierrezia texana	4.40	3.15	0.96	0.96	0.87	0.64
Asteraceae	Liatris mucronata	0.00	0.00	0.00	0.00	0.00	0.00
Asteraceae	Melampodium leucanthum	2.73	2.23	11.90	5.51	4.20	1.75
Asteraceae	Ratibida columnifera	0.00	0.00	0.00	0.00	1.79	1.79
Asteraceae	Tetraneuris linearifolia	2.10	1.39	4.65	1.72	4.52	1.67
Asteraceae	Thelesperma simplicifolium	0.00	0.00	0.00	0.00	0.00	0.00
Asteraceae	Thymophylla pentachaeta	0.00	0.00	0.00	0.00	0.00	0.00
Asteraceae	Wedelia texana	0.00	0.00	0.00	0.00	0.35	0.35
Boraginaceae	Heliotropium tenellum	0.00	0.00	0.00	0.00	0.00	0.00
Cactaceae	Opuntia sp.	0.00	0.00	0.00	0.00	0.00	0.00
Convolvulaceae	Evolvulus sericeus	1.82	1.26	0.00	0.00	0.00	0.00
Euphorbiaceae	Croton monanthogynus	0.57	0.57	1.31	0.93	0.74	0.74
Euphorbiaceae	Croton texensis	0.00	0.00	0.00	0.00	0.00	0.00
Euphorbiaceae	Phyllanthus polygonoides	0.00	0.00	2.81	1.71	1.92	0.78
Euphorbiaceae	Stillingia texana	0.00	0.00	0.00	0.00	2.10	1.44
Euphorbiaceae	Tragia ramosa	0.00	0.00	2.49	1.63	4.29	1.93
Fabaceae	Dalea tenuis	1.97	1.97	0.63	0.63	0.78	0.78
Fabaceae	Desmanthus velutinus	0.00	0.00	0.00	0.00	0.60	0.60
Fabaceae	Indigofera miniata	0.00	0.00	0.00	0.00	0.00	0.00
Fabaceae	Rhynchosia senna	0.00	0.00	1.25	1.25	0.00	0.00
Fabaceae	Senna roemeriana	0.00	0.00	0.00	0.00	0.00	0.00
Lamiaceae	Hedeoma reverchonii	6.90	2.11	8.12	4.24	8.70	3.37
Lamiaceae	Salvia texana	6.66	2.49	3.08	1.40	2.72	1.25
Lamiaceae	Scutellaria wrightii	0.00	0.00	0.00	0.00	0.00	0.00
Linaceae	Linum rupestre	0.00	0.00	0.00	0.00	0.00	0.00
Malvaceae	Abutilon fruticosum	0.00	0.00	0.00	0.00	0.00	0.00
Malvaceae	Sida abutifolia	6.90	2.31	5.86	2.53	5.78	2.15
Menispermaceae	Cocculus carolinus	0.00	0.00	0.89	0.89	0.00	0.00
Plantaginaceae	Plantago helleri	1.70	1.24	0.00	0.00	1.63	1.63
Poaceae	Aristida purpurea	5.10	2.36	10.08	4.15	6.19	2.47
Poaceae	Aristida sp.	3.29	2.34	0.00	0.00	0.00	0.00
Poaceae	Bothriochloa laguroides	0.00	0.00	0.00	0.00	0.00	0.00
Poaceae	Bothriochloa schaemum	3.81	2.84	7.79	4.84	10.16	5.26
Poaceae	Bouteloua curtipendula	0.00	0.00	0.00	0.00	0.00	0.00
Poaceae	Bouteloua hirsuta	0.52	0.52	3.32	2.29	3.14	1.77
Poaceae	Bouteloua rigidiseta	0.00	0.00	0.00	0.00	0.00	0.00
Poaceae	Bouteloua trifida	0.00	0.00	2.81	2.81	0.00	0.00
Poaceae	unidentified cf. Hilaria sp.	0.45	0.45	0.00	0.00	2.00	2.00
Poaceae	Dichanthelium pedicellatum	0.00	0.00	0.00	0.00	0.00	0.00
Poaceae	Eragrostis barrelieri	0.00	0.00	0.00	0.00	0.00	0.00
Poaceae	Eragrostis spectabilis	3.99	2.19	0.96	0.96	0.00	0.00
Poaceae	Erioneuron pilosum	8.30	3.64	4.92	3.24	4.86	2.58
Poaceae	unidentified cf. Eragrostis sp.	0.00	0.00	0.00	0.00	0.00	0.00
Poaceae	Nassella leucotricha	0.00	0.00	0.00	0.00	0.37	0.37
Poaceae	Schizachyrium scoparium	7.10	4.13	4.36	3.17	11.61	5.65
Poaceae	Sporobolus compositus	12.05	5.17	4.57	2.85	6.16	3.32
Polemoniaceae	Gilia rigidula	0.00	0.00	0.00	0.00	0.57	0.57
Polygalaceae	Polygala alba	1.72	1.28	0.00	0.00	0.00	0.00
Polygalaceae	Polygala lindheimeri	0.83	0.83	2.51	1.25	0.70	0.48
Rubiaceae	Hedyotis nigricans	2.08	2.08	0.48	0.48	0.00	0.00
Smilacaceae	Smilax bona-nox	0.00	0.00	0.99	0.99	0.00	0.00
Solanaceae	Chamaesaracha edwardsiana	3.32	1.84	3.36	1.36	3.09	1.82
Solanaceae	Solanum dimidiatum	0.00	0.00	0.00	0.00	0.42	0.42
Verbenaceae	Phyla nodiflora	0.48	0.48	1.19	1.19	0.00	0.00
Verbenaceae	Verbena canescens	8.11	3.77	5.18	2.97	1.89	1.50
Violaceae	Hybanthus sp.	0.00	0.00	2.05	1.21	5.48	3.40
Unidentified dicot	unidentified forb (morpho sp. 4)	0.48	0.48	0.00	0.00	0.00	0.00

Table 4 continued.

Plant Family	Plant species	Month: July		July		August		August		
		Treatment:	Control	Watered	SE	Control	SE	Watered	SE	
Asclepiaceae	<i>Asclepias asperula</i>		0.32	0.32	0.62	0.62	0.00	0.00	0.00	0.00
Asclepiaceae	<i>Asclepias viridiflora</i>		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asparagaceae	<i>Yucca rupicola</i>		0.89	0.89	0.00	0.00	0.00	0.00	0.00	0.00
Asteraceae	<i>Ambrosia artemisiifolia</i>		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asteraceae	<i>Cirsium</i> sp.		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asteraceae	<i>Erigeron geiseri/ modestus</i>		2.90	1.16	2.28	1.30	4.29	2.99	3.61	1.78
Asteraceae	<i>Gaillardia pulchella</i>		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asteraceae	<i>Gutierrezia texana</i>		1.57	1.57	0.76	0.54	0.00	0.00	1.90	1.08
Asteraceae	<i>Liatris mucronata</i>		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asteraceae	<i>Melampodium leucanthum</i>		4.93	2.21	8.02	2.99	4.22	3.04	3.26	2.31
Asteraceae	<i>Ratibida columnifera</i>		1.96	1.96	0.27	0.27	0.00	0.00	0.00	0.00
Asteraceae	<i>Tetraneuris linearifolia</i>		1.75	0.95	0.47	0.47	0.00	0.00	0.00	0.00
Asteraceae	<i>Thelesperma simplicifolium</i>		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asteraceae	<i>Thymophylla pentachaeta</i>		0.48	0.48	0.00	0.00	0.00	0.00	0.00	0.00
Asteraceae	<i>Wedelia texana</i>		0.61	0.61	0.00	0.00	0.00	0.00	0.00	0.00
Boraginaceae	<i>Heliotropium tenellum</i>		0.00	0.00	0.35	0.35	0.00	0.00	0.00	0.00
Cactaceae	<i>Opuntia</i> sp.		0.00	0.00	0.27	0.27	0.00	0.00	0.27	0.27
Convulvulaceae	<i>Evolvulus sericeus</i>		0.00	0.00	0.47	0.47	3.04	2.24	0.00	0.00
Euphorbiaceae	<i>Croton monanthogynus</i>		1.06	0.78	1.23	0.67	0.45	0.45	2.16	1.28
Euphorbiaceae	<i>Croton texensis</i>		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Euphorbiaceae	<i>Phyllanthus polygonoides</i>		2.86	2.07	4.24	1.75	2.60	2.60	2.77	1.60
Euphorbiaceae	<i>Stillingia texana</i>		0.33	0.33	0.31	0.31	0.00	0.00	1.44	1.44
Euphorbiaceae	<i>Tragia ramosa</i>		3.04	1.32	2.59	1.08	0.97	0.66	1.10	0.61
Fabaceae	<i>Dalea tenuis</i>		0.00	0.00	1.68	1.68	2.08	2.08	1.14	1.14
Fabaceae	<i>Desmanthus velutinus</i>		0.00	0.00	0.96	0.66	0.00	0.00	0.00	0.00
Fabaceae	<i>Indigofera miniata</i>		0.00	0.00	0.00	0.00	2.21	1.53	0.00	0.00
Fabaceae	<i>Rhynchosia senna</i>		0.74	0.74	1.47	1.47	0.00	0.00	1.04	1.04
Fabaceae	<i>Senna roemeriana</i>		0.00	0.00	0.31	0.31	0.00	0.00	0.00	0.00
Lamiaceae	<i>Hedeoma reverchonii</i>		0.29	0.29	8.32	3.22	1.32	0.90	1.53	1.05
Lamiaceae	<i>Salvia texana</i>		3.86	1.27	3.76	1.33	11.76	6.58	5.00	2.21
Lamiaceae	<i>Scutellaria wrightii</i>		0.00	0.00	0.42	0.42	0.00	0.00	0.78	0.78
Linaceae	<i>Linum rupestre</i>		1.42	0.78	0.00	0.00	0.00	0.00	0.00	0.00
Malvaceae	<i>Abutilon fruticosum</i>		0.00	0.00	0.33	0.33	0.00	0.00	0.00	0.00
Malvaceae	<i>Sida abutifolia</i>		12.39	5.16	5.53	1.59	3.87	2.52	4.33	1.44
Menispermaceae	<i>Cocculus carolinus</i>		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Plantaginaceae	<i>Plantago helleri</i>		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Poaceae	<i>Aristida purpurea</i>		4.32	2.54	6.81	3.43	10.86	6.97	9.92	4.33
Poaceae	<i>Aristida</i> sp.		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Poaceae	<i>Bothriochloa laguroides</i>		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Poaceae	<i>Bothriochloa schaenum</i>		2.41	1.98	10.22	5.41	1.00	0.68	9.58	5.45
Poaceae	<i>Bouteloua curtipendula</i>		0.48	0.48	0.00	0.00	0.63	0.63	0.00	0.00
Poaceae	<i>Bouteloua hirsuta</i>		3.31	2.52	6.82	3.17	1.92	1.92	4.34	3.09
Poaceae	<i>Bouteloua rigidiseta</i>		3.53	2.44	0.37	0.37	0.00	0.00	0.00	0.00
Poaceae	<i>Bouteloua trifida</i>		3.85	2.13	0.98	0.98	5.56	5.56	3.88	2.96
Poaceae	unidentified cf. <i>Hilaria</i> sp.		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Poaceae	<i>Dichanthelium pedicellatum</i>		2.01	1.58	2.59	2.35	0.00	0.00	1.67	0.97
Poaceae	<i>Eragrostis barrelieri</i>		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Poaceae	<i>Eragrostis spectabilis</i>		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Poaceae	<i>Erioneuron pilosum</i>		2.54	2.22	2.49	2.17	10.50	4.57	11.81	4.59
Poaceae	unidentified cf. <i>Eragrostis</i> sp.		0.00	0.00	0.00	0.00	4.02	4.02	0.00	0.00
Poaceae	<i>Nassella leucotricha</i>		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Poaceae	<i>Schizachyrium scoparium</i>		19.70	8.45	2.39	1.26	7.92	4.48	11.50	5.74
Poaceae	<i>Sporobolus compositus</i>		10.74	5.23	14.07	4.30	9.30	5.98	8.84	5.81
Polemoniaceae	<i>Gilia rigidula</i>		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Polygalaceae	<i>Polygala alba</i>		0.33	0.33	0.42	0.42	2.62	2.00	0.00	0.00
Polygalaceae	<i>Polygala lindheimeri</i>		0.00	0.00	2.66	1.30	1.36	0.93	0.00	0.00
Rubiaceae	<i>Hedyotis nigricans</i>		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Smilacaceae	<i>Smilax bona-nox</i>		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Solanaceae	<i>Chamaesaracha edwardsiana</i>		1.27	0.87	2.84	1.34	0.00	0.00	0.78	0.78
Solanaceae	<i>Solanum dimidiatum</i>		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Verbenaceae	<i>Phyla nodiflora</i>		0.87	0.87	0.00	0.00	0.00	0.00	0.00	0.00
Verbenaceae	<i>Verbena canescens</i>		3.26	1.91	2.70	2.05	1.25	1.25	7.34	3.49
Violaceae	<i>Hybanthus</i> sp.		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unidentified dicot	unidentified forb (morpho sp. 4)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00