

TABLE 2
SMALL-MAMMAL SPECIES CAPTURED ON SIX RANCHES IN CHERRY COUNTY, NEBRASKA,
DURING SUMMER 2004

Species	Common name	Number of captures
<i>Peromyscus maniculatus</i>	Deer mouse	36
<i>Dipodomys ordii</i>	Ord's kangaroo rat	34
<i>Onychomys leucogaster</i>	Northern grasshopper mouse	29
<i>Perognathus flavescens</i>	Plains pocket mouse	19
<i>Spermophilus tridecemlineatus</i>	Thirteen-lined ground squirrel	13
<i>Spermophilus spilosoma</i>	Spotted ground squirrel	1

TABLE 3
FACTOR LOADINGS (FROM PRINCIPAL COMPONENTS ANALYSIS) FOR VEGETATION MEASUREMENTS ON SIX PRIVATE RANCHES IN CHERRY COUNTY, NEBRASKA, DURING SUMMER 2004

Vegetation measurements*	Principal components				
	1	2	3	4	5
Annuals	0.108	-0.444	0.207	0.196	-0.042
Bunchgrass	0.359	0.178	0.333	0.003	-0.141
Rhizomatous grass	0.372	0.164	0.218	-0.344	-0.010
Sedges	0.052	-0.420	0.281	-0.250	-0.153
Forbs	-0.119	0.278	-0.071	0.255	-0.795
Shrubs	-0.343	0.311	0.096	0.159	0.073
Yucca	-0.147	-0.357	0.272	-0.236	-0.421
Cactus	0.043	0.091	-0.494	-0.593	-0.104
Bare soil	-0.446	0.049	0.001	-0.217	-0.043
Standing litter	0.192	-0.262	-0.364	0.452	-0.139
Lying litter	0.428	0.158	0.041	0.130	0.134
Cowpie	0.369	-0.006	-0.355	-0.118	-0.265
Visual obstruction reading	0.090	0.402	0.357	-0.013	-0.138
Percentage explained	36.1674	31.2872	17.3575	8.70874	6.479192

*Vegetation was measured as a percentage of cover, except for visual obstruction reading, which was obtained using a Robel pole. Bolded numbers indicate the vegetation measurements that explain the most variation in the first principal component.

Fricke, Kent A., Silka L. F. Kempema, and Larken A. Powell. 2009. Ecology of small mammals, vegetation, and avian nest survival on private rangelands in Nebraska. *Great Plains Research* 19:65-72. Tables posted by permission.