

Dry-mesic dolomite prairies

Summary of 2 Sites N = 54 Species

No.	Qual.	Mean Sp. Frequency	Stand.Dev.	Sum	Minimum Frequency	Maximum Frequency	S	E	H	Mean Native Plot Richness
889	B	12.959	18.706	635.000	.000	65.000	26	.909	2.963	6.35
932	A	18.673	22.725	915.000	.000	90.000	37	.899	3.245	9.15

Summary of stand structure

Components	Relative Frequency
Native graminoid	29.25
Native forbs	60.59
Native woody	2.68
Alien species	7.46

S = Total Native Species Sampled

E = Evenness =  $H / \ln(S)$

H = Diversity =  $-\sum (P_i \ln(P_i))$ , where  $P_i$  = importance probability in element  $i$  (element  $i$  relativized by row total)

**Dominant ( $\geq 10\%$  Frequency) native graminoid species**

Species	Abbreviation	Frequency
Andropogon scoparius	Andsco	62.50
Sorghastrum nutans	Sornut	62.50
Andropogon gerardii	Andger	50.00
Panicum sp.	Pansp.	20.00
Carex sp.1	Carsp.2	12.50
Eleocharis compressa	Elecom	12.50
Carex sp.	Carsp.	10.00
Muhlenbergia mexicana	Muhmex	10.00

**Dominant ( $\geq 10\%$  Frequency) native forb species**

Species	Abbreviation	Frequency
Aster ericoides	Asteri	62.50
Monarda fistulosa	Monfis	55.00
Pycnanthemum virginianum	Pycvir	45.00
Fragaria virginiana	Fravir	32.50
Helianthus grosseserratus	Helgro	27.50
Allium cernuum	Allcer	25.00
Solidago altissima	Solalt	22.50
Solidago rigida	Solrig	20.00
Aster azureus	Astazu	17.50
Solidago riddellii	Solrid	12.50
Senecio pauperculus	Senpau	17.50
Satureja arkansana	Satark	17.50
Galium boreale	Galbor	15.00
Sisyrinchium albidum	Sisalb	15.00
Rudbeckia hirta	Rudhir	15.00
Blephilia ciliata	Blecil	10.00
Senecio aureus	Senaur	10.00
Solidago missouriensis var fasciculata	Solmis fas	10.00

**Native woody species ( $\geq 2\%$  Frequency)**

Species	Abbreviation	Frequency
Rosa carolina	Roscar	17.50
Rubus occidentalis	Rubocc	2.50
Vitis riparia	Vitrip	2.50

**Alien species ( $> 5\%$  Frequency)**

Species	Abbreviation	Frequency
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Achillea millefolium*	Achmil	22.50
Poa compressa*	Poacom	20.00
Agrostis alba *	Agralb	12.50
Pastinaca sativa*	Passat	5.00

Summary of 54 Species

N = 2 Sites

Num.	Name	Mean sp. Frequency	Stand.Dev.	Sum	Minimum Frequency	Maximum Frequency	S	E	H
1	Agasp.	2.500	3.536	5.000	.000	5.000	1	.000	.000
2	Allcer	25.000	14.142	50.000	15.000	35.000	2	.881	.611
3	Andger	50.000	21.213	100.000	35.000	65.000	2	.934	.647
4	Andsco	62.500	38.891	125.000	35.000	90.000	2	.855	.593
5	Anecan	2.500	3.536	5.000	.000	5.000	1	.000	.000
6	Apocan	5.000	7.071	10.000	.000	10.000	1	.000	.000
7	Ascver	7.500	10.607	15.000	.000	15.000	1	.000	.000
8	Astazu	17.500	24.749	35.000	.000	35.000	1	.000	.000
9	Asteri	62.500	3.536	125.000	60.000	65.000	2	.999	.692
10	Astsp.	2.500	3.536	5.000	.000	5.000	1	.000	.000
11	Blecil	10.000	14.142	20.000	.000	20.000	1	.000	.000
12	Carsp.	5.000	7.071	10.000	.000	10.000	1	.000	.000
13	Carsp.1	5.000	7.071	10.000	.000	10.000	1	.000	.000
14	Carsp.2	12.500	17.678	25.000	.000	25.000	1	.000	.000
15	Consep	2.500	3.536	5.000	.000	5.000	1	.000	.000
16	Desill	7.500	10.607	15.000	.000	15.000	1	.000	.000
17	Elecom	12.500	3.536	25.000	10.000	15.000	2	.971	.673
18	Equulae	7.500	10.607	15.000	.000	15.000	1	.000	.000
19	Eupalt	2.500	3.536	5.000	.000	5.000	1	.000	.000
20	Fravir	32.500	45.962	65.000	.000	65.000	1	.000	.000
21	Galbor	15.000	21.213	30.000	.000	30.000	1	.000	.000
22	Helgro	27.500	31.820	55.000	5.000	50.000	2	.439	.305
23	Hypmaj	5.000	7.071	10.000	.000	10.000	1	.000	.000
24	Laccan	2.500	3.536	5.000	.000	5.000	1	.000	.000
25	Lobspi	2.500	3.536	5.000	.000	5.000	1	.000	.000
26	Monfis	55.000	28.284	110.000	35.000	75.000	2	.902	.625
27	Muhmex	10.000	14.142	20.000	.000	20.000	1	.000	.000
28	Pansp.	20.000	28.284	40.000	.000	40.000	1	.000	.000
29	Petpur	7.500	10.607	15.000	.000	15.000	1	.000	.000
30	Pycvir	45.000	21.213	90.000	30.000	60.000	2	.918	.637
31	Ratpin	2.500	3.536	5.000	.000	5.000	1	.000	.000
32	Roscar	17.500	17.678	35.000	5.000	30.000	2	.592	.410
33	Rubocc	2.500	3.536	5.000	.000	5.000	1	.000	.000
34	Rudhir	15.000	7.071	30.000	10.000	20.000	2	.918	.637
35	Satark	17.500	24.749	35.000	.000	35.000	1	.000	.000
36	Senaur	10.000	14.142	20.000	.000	20.000	1	.000	.000
37	Senpau	17.500	24.749	35.000	.000	35.000	1	.000	.000
38	Silint	2.500	3.536	5.000	.000	5.000	1	.000	.000
39	Sisalb	15.000	21.213	30.000	.000	30.000	1	.000	.000
40	Solalt	22.500	17.678	45.000	10.000	35.000	2	.764	.530
41	Solgig	2.500	3.536	5.000	.000	5.000	1	.000	.000
42	Solgra	7.500	3.536	15.000	5.000	10.000	2	.918	.637
43	Solmis f	10.000	14.142	20.000	.000	20.000	1	.000	.000
44	Solrid	12.500	17.678	25.000	.000	25.000	1	.000	.000
45	Solrig	20.000	14.142	40.000	10.000	30.000	2	.811	.562
46	Sornut	62.500	31.820	125.000	40.000	85.000	2	.904	.627
47	Stispa	5.000	7.071	10.000	.000	10.000	1	.000	.000
48	Traohi	5.000	7.071	10.000	.000	10.000	1	.000	.000
49	Vitrip	2.500	3.536	5.000	.000	5.000	1	.000	.000
AVERAGES:		15.816	13.565	31.633	6.224	25.408	1.3	.241	.167

