Dry -mesic sand savanna

Summary of 5 Sites N = 127 Species

No.	Qual.	Mean Sp. Frequency	Stand.Dev.	Sum	Minimum Frequency	Maximum Frequency	S	E	H	Mean Native Plot Richness
461-2	C	5.866	17.310	745.000	.000	100.000	26	.864	2.816	7.55
935	B	4.881	12.119	619.940	.000	76.670	45	.859	3.271	6.20
890	B	5.551	14.033	705.000	.000	75.000	33	.893	3.123	7.05
499	A	6.417	12.518	815.000	.000	70.000	49	.908	3.534	8.15
500	A	8.162	12.068	1036.620	.000	50.000	62	.936	3.863	11.10
AVRS:	B	5.216					39.0	.876	3.170	6.625
± se	A	7.2895					55.5	.922	3.6985	9.625

S = Total Native Species Sampled
E = Evenness = H / ln (S)
H = Diversity = - sum (Pi*ln(Pi)), where Pi = importance probability in element i (element i relativized by row total)
NRI = Native Richness Index = S x mean native plot richness

Summary of stand structure

Components	Relative Frequency
Native graminoid	23.03
Native forbs	58.05
Native woody	11.81
Alien species	8.43

Dominant (> = 10 % Frequency) native graminoid species

Species	Abbreviation	Frequency
Andropogon scoparius	Andsco	37.92
Stipa spartea	Stispa	31.67
Panicum villosissimum var pseudopubescens	Panvil pse	21.67
Cyperus sp.	Cypsp.	18.75
Sorghastrum nutans	Sornut	17.50
Carex pensylvanica	Carpen	16.67
Andropogon gerardii	Andger	12.92

Dominant (> = 10 % Frequency) native forb species

Species	Abbreviation	Frequency
Tradescantia ohiensis	Traohi	60.00
Viola sagittata	Viosag	27.08
Helianthus divaricatus	Heldiv	25.83
Liatris aspera	Liaasp	23.33
Rudbeckia hirta	Rudhir	22.08
Solidago gymnospermoides	Solgym	21.25
Euphorbia corollata	Eupcor	19.17
Solidago juncea	Soljun	17.92
Coreopsis palmata	Corpal	16.25
Monarda fistulosa	Monfis	16.25
Erigeron strigosus	Eristr	15.00
Lupinus perennis	Lupper	15.00
Aster azureus	Astazu	14.58
Coreopsis tripteris	Cortri	13.33
Polygonatum canaliculatum	Polcan	12.50
Solidago speciosa	Solspe	12.08
Comandra umbellata	Comumb	10.42
Polygala sanguinea	Polsan	10.00

Native woody species (> = 2 % Frequency)

Species	Abbreviation	Frequency
Rosa carolina	Roscar	25.83
Crataegus sp.	Crasp.	12.50
Vaccinium angustifolium	Vacang	12.50
Quercus velutina	Quevel	11.67
Vaccinium pallidum	Vacpal	10.00
Salix humilis	Salhum	9.17
Rubus hispidus	Rubhis	8.75
Amorpha canescens	Amocan	4.58
Ceanothus americanus	Ceaame	3.33
Cornus racemosa?	Corrac	2.50
Populus deltoides	Popdel	2.50
Rubus occidentalis	Rubocc	2.50

Alien species (> 5 % Frequency)

Species	Abbreviation	Frequency
Poa pratensis*	Poapra	38.00
Achillea millefolium*	Achmil	20.33
Rumex acetosella*	Rumace	15.33

Summary of 127 Species N = 5 Sites

Num. Name	Mean sp. Frequency	Stand.Dev.	Sum	Minimum Frequency	Maximum Frequency	S	E	H
1 Agrhye	.666	1.489	3.330	.000	3.330	1	.000	.000
2 Ambart	5.332	5.701	26.660	.000	15.000	4	.835	1.157
3 Amocan	3.666	6.498	18.330	.000	15.000	2	.684	.474
4 Ampbra	15.334	34.288	76.670	.000	76.670	1	.000	.000
5 Andger 10.334	6.499	51.670	.000	16.670	4	.981	1.360	
6 Andsco	30.334	29.021	151.670	.000	75.000	4	.859	1.191
7 Antneg	4.332	5.476	21.660	.000	13.330	3	.842	.925
8 Antpla	1.334	2.983	6.670	.000	6.670	1	.000	.000
9 Apiame	.666	1.489	3.330	.000	3.330	1	.000	.000
10 Aposib	2.000	4.472	10.000	.000	10.000	1	.000	.000
11 Aralyr	1.000	2.236	5.000	.000	5.000	1	.000	.000
12 Arelat 4.000	8.944	20.000	.000	20.000	1	.000	.000	
13 Aripur	7.000	15.652	35.000	.000	35.000	1	.000	.000
14 Asctub	1.000	2.236	5.000	.000	5.000	1	.000	.000
15 Ascver	.666	1.489	3.330	.000	3.330	1	.000	.000
16 Astazu	11.666	18.180	58.330	.000	43.330	3	.668	.734
17 Asteri 1.000	2.236	5.000	.000	5.000	1	.000	.000	
18 Astlin 6.000	5.962	30.000	.000	13.330	3	.966	1.061	
19 Astser	.666	1.489	3.330	.000	3.330	1	.000	.000
20 Aurped a	.666	1.489	3.330	.000	3.330	1	.000	.000
21 Calcan	1.666	2.356	8.330	.000	5.000	2	.971	.673
22 Carpen	13.334	29.816	66.670	.000	66.670	1	.000	.000
23 Carsp.	5.334	7.675	26.670	.000	16.670	2	.954	.662
24 Carsp.1	1.000	2.236	5.000	.000	5.000	1	.000	.000
25 Carsp.2	5.000	11.180	25.000	.000	25.000	1	.000	.000
26 Casfas	6.000	13.416	30.000	.000	30.000	1	.000	.000
27 Ceaame	2.666	5.961	13.330	.000	13.330	1	.000	.000
28 Chelep	.666	1.489	3.330	.000	3.330	1	.000	.000
29 Clavir	1.000	2.236	5.000	.000	5.000	1	.000	.000
30 Composit	1.000	2.236	5.000	.000	5.000	1	.000	.000
31 Comumb	8.334	9.429	41.670	.000	20.000	3	.886	.973
32 Corlan	1.000	2.236	5.000	.000	5.000	1	.000	.000
33 Corpal	13.000	12.270	65.000	.000	25.000	3	.987	1.084
34 Corrac	2.000	4.472	10.000	.000	10.000	1	.000	.000
35 Cortri	10.666	15.347	53.330	.000	33.330	2	.954	.662

36 Crasp.	10.000	22.361	50.000	.000	50.000	1	.000	.000
37 Cypsp.	15.000	33.541	75.000	.000	75.000	1	.000	.000
38 Dicot1	1.000	2.236	5.000	.000	5.000	1	.000	.000
39 Equarv	20.000	41.982	100.000	.000	95.000	2	.286	.199
40 Equlae	3.334	7.455	16.670	.000	16.670	1	.000	.000
41 Eristr	12.000	26.833	60.000	.000	60.000	1	.000	.000
42 Eryyuc	4.000	8.944	20.000	.000	20.000	1	.000	.000
43 Eupalt	1.000	2.236	5.000	.000	5.000	1	.000	.000
44 Eupcor	15.332	17.887	76.660	.000	43.330	3	.889	.977
45 Fravir	7.000	6.708	35.000	.000	15.000	3.982	1.079	
46 Gaybac	1.334	2.983	6.670	.000	6.670	1	.000	.000
47 Grass1	7.000	15.652	35.000	.000	35.000	1	.000	.000
48 Grass2	1.000	2.236	5.000	.000	5.000	1	.000	.000
49 Helbic	6.334	11.573	31.670	.000	26.670	2	.629	.436
50 Helcan	5.000	11.180	25.000	.000	25.000	1	.000	.000
51 Heldiv	20.666	23.142	103.330	.000	50.000	3	.895	.983
52 Helmol	.666	1.489	3.330	.000	3.330	1	.000	.000
53 Helocc	3.666	5.820	18.330	.000	13.330	2	.845	.586
54 Heuric	2.334	3.250	11.670	.000	6.670	2	.985	.683
55 Hiecan	1.334	2.983	6.670	.000	6.670	1	.000	.000
56 Hieodo	2.000	4.472	10.000	.000	10.000	1	.000	.000
57 Houcae	3.334	7.455	16.670	.000	16.670	1	.000	.000
58 Hyphir	1.000	2.236	5.000	.000	5.000	1	.000	.000
59 Junsp.	2.000	4.472	10.000	.000	10.000	1	.000	.000
60 Junten	.666	1.489	3.330	.000	3.330	1	.000	.000
61 Koecri	5.666	10.904	28.330	.000	25.000	2	.522	.362
62 Kribif 7.000	13.038	35.000	.000	30.000	2	.592	.410	
63 Lepcog	1.000	2.236	5.000	.000	5.000	1	.000	.000
64 Lescap	7.666	10.902	38.330	.000	23.330	2	.966	.669
65 Liaasp	18.668	16.431	93.340	.000	40.000	4	.883	1.224
66 Liaspi	4.000	8.944	20.000	.000	20.000	1	.000	.000
67 Litcan	1.000	2.236	5.000	.000	5.000	1	.000	.000
68 Litcro	.666	1.489	3.330	.000	3.330	1	.000	.000
69 Lupper	12.000	16.432	60.000	.000	30.000	2	1.000	.693
70 Luzmul	2.000	4.472	10.000	.000	10.000	1	.000	.000
71 Maican i	5.334	11.927	26.670	.000	26.670	1	.000	.000
72 Monfis	13.000	29.069	65.000	.000	65.000	1	.000	.000
73 Monpun	.666	1.489	3.330	.000	3.330	1	.000	.000
74 Oenlac	1.000	2.236	5.000	.000	5.000	1	.000	.000
75 Oxastr	5.000	11.180	25.000	.000	25.000	1	.000	.000
76 Oxyrig	.666	1.489	3.330	.000	3.330	1	.000	.000
77 Panpra	.666	1.489	3.330	.000	3.330	1	.000	.000
78 Pansp.2	3.000	6.708	15.000	.000	15.000	1	.000	.000
79 Panvil	3.000	6.708	15.000	.000	15.000	1	.000	.000
80 Panvil p	17.334	24.199	86.670	.000	50.000	2	.983	.681
81 Panvir	5.666	8.300	28.330	.000	20.000	3	.731	.804
82 Pedcan	2.000	4.472	10.000	.000	10.000	1	.000	.000
83 Phlbif 2.000	4.472	10.000	.000	10.000	1	.000	.000	
84 Phlgla i	5.666	5.962	28.330	.000	13.330	3	.936	1.028
85 Phlpil 6.666	9.428	33.330	.000	20.000	2	.971	.673	
86 Polcan	10.000	17.321	50.000	.000	40.000	2	.722	.500
87 Polsan	8.000	13.038	40.000	.000	30.000	2	.811	.562
88 Popdel	2.000	4.472	10.000	.000	10.000	1	.000	.000
89 Potsim	7.666	12.671	38.330	.000	30.000	3	.610	.670
90 Pteaqu l	16.332	22.620	81.660	.000	55.000	3	.781	.858
91 Quevel	9.334	13.622	46.670	.000	30.000	2	.940	.652
92 Rhucop	1.000	2.236	5.000	.000	5.000	1	.000	.000
93 Rhugla	1.000	2.236	5.000	.000	5.000	1	.000	.000
94 Rhurad	1.000	2.236	5.000	.000	5.000	1	.000	.000
95 Roscar	20.666	18.430	103.330	10.000	53.330	5	.841	1.354
96 Rubfla	.666	1.489	3.330	.000	3.330	1	.000	.000

97 Rubhis	7.000	15.652	35.000	.000	35.000	1	.000	.000
98 Rubocc	2.000	4.472	10.000	.000	10.000	1	.000	.000
99 Rudhir	17.666	17.384	88.330	.000	40.000	3	.972	1.068
100 Salgla	1.000	2.236	5.000	.000	5.000	1	.000	.000
101 Salhum	7.332	14.605	36.660	.000	33.330	2	.439	.304
102 Sasalb	1.000	2.236	5.000	.000	5.000	1	.000	.000
103 Senpla	.666	1.489	3.330	.000	3.330	1	.000	.000
104 Silste	.666	1.489	3.330	.000	3.330	1	.000	.000
105 Sisalb	6.000	4.800	30.000	.000	13.330	4	.932	1.292
106 Smirac	2.666	5.961	13.330	.000	13.330	1	.000	.000
107 Smiste	3.666	4.150	18.330	.000	10.000	3	.906	.995
108 Solalt	.666	1.489	3.330	.000	3.330	1	.000	.000
109 Solgym	17.000	32.541	85.000	.000	75.000	3	.398	.437
110 Soljun	14.334	28.470	71.670	.000	65.000	2	.447	.310
111 Solmis f	3.000	6.708	15.000	.000	15.000	1	.000	.000
112 Solnem	6.666	13.124	33.330	.000	30.000	2	.469	.325
113 Solrug	1.000	2.236	5.000	.000	5.000	1	.000	.000
114 Solspe	9.666	5.821	48.330	.000	15.000	4	.988	1.370
115 Sornut	14.000	12.337	70.000	.000	30.000	4	.888	1.231
116 Spapec	.666	1.489	3.330	.000	3.330	1	.000	.000
117 Spialb	.666	1.489	3.330	.000	3.330	1	.000	.000
118 Stispa	25.332	23.874	126.660	.000	50.000	3	.988	1.085
119 Tepvir	7.666	10.902	38.330	.000	23.330	2	.966	.669
120 Traohi	48.000	39.623	240.000	.000	100.000	4	.907	1.258
121 Vacang	10.000	14.142	50.000	.000	30.000	2	.971	.673
122 Vacpal	8.000	13.038	40.000	.000	30.000	2	.811	.562
123 Vervir	6.000	13.416	30.000	.000	30.000	1	.000	.000
124 Vioped	2.000	2.982	10.000	.000	6.670	2	.918	.636
125 Viosag	21.666	24.182	108.330	3.330	55.000	5	.685	1.103
126 Viosp.	1.000	2.236	5.000	.000	5.000	1	.000	.000
127 Vitrip	1.000	2.236	5.000	.000	5.000	1	.000	.000
AVERAGES:	6.176	9.482	30.878	.105	21.601	1.7	.323	.318