

Sedge meadow

Summary of 13 Sites N = 139 Species

No.	Qual.	Mean Sp. Frequency	Stand.Dev.	Sum	Minimum Frequency	Maximum Frequency	S	E	H	Mean Native Plot Richness	
1015	B	4.317	12.772	600.000	.000	95.000	30	.884	3.006	6.33	
904	B	6.331	19.566	880.000	.000	90.000	27	.852	2.809	8.80	
S1	B	5.432	10.843	755.000	.000	55.000	47	.922	3.551	7.55	
886	B	5.288	14.381	735.000	.000	90.000	32	.886	3.071	7.35	
S6	B	5.612	17.094	780.000	.000	100.000	29	.858	2.888	7.80	
936-2	B	4.137	14.090	575.000	.000	100.000	27	.833	2.747	5.75	
701-3	B	3.094	11.154	430.000	.000	70.000	18	.878	2.537	4.30	
628	A	5.468	15.787	760.000	.000	100.000	28	.888	2.958	7.60	
969	A	4.988	16.297	693.337	.000	100.000	23	.853	2.673	6.93	
709	A	3.201	14.584	445.000	.000	100.000	15	.797	2.158	4.45	
988-2	A	4.712	14.075	655.000	.000	100.000	28	.873	2.909	6.55	
712-2	A	5.719	16.347	795.000	.000	100.000	27	.892	2.941	7.95	
1011-2A		4.712	16.471	655.000	.000	100.000	20	.854	2.560	6.55	
AVRS: B							4.887				
A							4.800	30.0	.873	2.944	6.81
								23.5	.859	2.700	6.67

S = Richness = number of non-zero elements in row

E = Evenness = H / ln (Richness)

H = Diversity = - sum (Pi\*ln(Pi))

where Pi = importance probability in element i (element i relativized by row total)

Summary of stand structure

<u>Components</u>	<u>Relative Frequency</u>
Native graminoid	28.92
Native forbs	67.00
Native woody	0.92
Ferns and fern allies	3.04
Alien species	0.54

**Dominant (> = 10 % Frequency) native graminoid species**

<u>Species</u>	<u>Abbreviate</u>	<u>Frequency</u>
Carex stricta	Carstr	89.23
Calamagrostis canadensis	Calcan	48.72
Carex lacustris	Carlac	11.92

**Dominant (> = 10 % Frequency) native forb species**

<u>Species</u>	<u>Abbreviation</u>	<u>Frequency</u>
Pycnanthemum virginianum	Pycvir	44.36
Eupatorium maculatum	Eupmac	38.59
Aster puniceus	Astpun	30.77
Lycopus virginicus	Lycvir	28.46
Impatiens capensis	Impcap	17.69
Viola sp.	Viosp.	14.87
Lysimachia thyrsoiflora	Lysthy	13.46
Galium obtusum	Galobt	11.92
Mentha arvensis var villosa	Menarv vil	11.92
Aster puniceus var. firmus	Astpun fir	11.67
Solidago gigantea	Solbig	10.38

**Native woody species (> = 2 % Frequency)**

Species   Abbreviation                                 Frequency  
None   None   None

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

Species   Abbreviation                                 Frequency  
None   None   None

Summary of 139 Species

N = 13 Sites

Num.	Name	Mean sp. Frequency	Stand.Dev.	Sum	Minimum Frequency	Maximum Frequency	S	E	H
1	Agaten	.385	1.387	5.000	.000	5.000	1	.000	.000
2	Agpar	6.538	23.575	85.000	.000	85.000	1	.000	.000
3	Angatr	4.744	7.228	61.667	.000	20.000	5	.930	1.497
4	Ascinc	1.154	2.996	15.000	.000	10.000	2	.918	.637
5	Astbor	9.231	24.987	120.000	.000	90.000	3	.657	.721
6	Astnov	1.154	4.160	15.000	.000	15.000	1	.000	.000
7	Astpra	.385	1.387	5.000	.000	5.000	1	.000	.000
8	Astpun	30.769	37.796	400.000	.000	95.000	7	.919	1.788
9	Astpun f	11.667	24.066	151.667	.000	80.000	5	.731	1.177
10	Astsim	1.538	5.547	20.000	.000	20.000	1	.000	.000
11	Astsp.	5.769	19.348	75.000	.000	70.000	2	.353	.245
12	Astumb	1.154	2.996	15.000	.000	10.000	2	.918	.637
13	Bidcom	.385	1.387	5.000	.000	5.000	1	.000	.000
14	Bidcor	2.308	6.957	30.000	.000	25.000	2	.650	.451
15	Bidsp.	1.282	3.203	16.667	.000	10.000	2	.971	.673
16	Boecyl	2.692	7.250	35.000	.000	25.000	2	.863	.598
17	Brocil	1.538	3.152	20.000	.000	10.000	3	.946	1.040
18	Cacsua	1.538	5.547	20.000	.000	20.000	1	.000	.000
19	Calcan	48.718	27.218	633.333	15.000	100.000	13	.944	2.421
20	Calpal	2.692	5.250	35.000	.000	15.000	3	.982	1.079
21	Camapa	5.769	10.175	75.000	.000	30.000	5	.847	1.362
22	Camuli	5.385	12.494	70.000	.000	40.000	3	.797	.876
23	Carcomo	.769	2.774	10.000	.000	10.000	1	.000	.000
24	Carhay	1.538	5.547	20.000	.000	20.000	1	.000	.000
25	Carlac	11.923	24.962	155.000	.000	80.000	3	.927	1.018
26	Carmus	.769	2.774	10.000	.000	10.000	1	.000	.000
27	Carsp.	2.308	4.837	30.000	.000	15.000	3	.921	1.011
28	Carsp.1	2.308	6.957	30.000	.000	25.000	2	.650	.451
29	Carsp.2	3.462	12.481	45.000	.000	45.000	1	.000	.000
30	Carsp.3	1.154	4.160	15.000	.000	15.000	1	.000	.000
31	Carste	.769	2.774	10.000	.000	10.000	1	.000	.000
32	Carstr	89.231	23.879	1160.000	15.000	100.000	13	.982	2.518
33	Chegla	2.179	3.812	28.333	.000	10.000	4	.933	1.293
34	Cicbul	2.692	4.385	35.000	.000	15.000	5	.917	1.475
35	Cicmac	.385	1.387	5.000	.000	5.000	1	.000	.000
36	Cirmut	4.487	9.893	58.333	.000	35.000	4	.775	1.075
37	Consep	5.769	12.558	75.000	.000	40.000	3	.883	.970
38	Corsto	.385	1.387	5.000	.000	5.000	1	.000	.000
39	Cypsp.	.385	1.387	5.000	.000	5.000	1	.000	.000
40	Dicot	3.077	11.094	40.000	.000	40.000	1	.000	.000
41	Drythe p	19.231	30.266	250.000	.000	85.000	5	.904	1.454
42	Elecom	.769	2.774	10.000	.000	10.000	1	.000	.000
43	Epicol	1.154	4.160	15.000	.000	15.000	1	.000	.000
44	Epilep	3.846	5.829	50.000	.000	20.000	6	.898	1.609
45	Episp.	1.538	5.547	20.000	.000	20.000	1	.000	.000
46	Equarv	.385	1.387	5.000	.000	5.000	1	.000	.000
47	Equflu	.769	2.774	10.000	.000	10.000	1	.000	.000
48	Eriann	.385	1.387	5.000	.000	5.000	1	.000	.000
49	Eupmac	38.590	21.590	501.667	5.000	76.667	13	.938	2.406

50 Eupper	1.538	2.402	20.000	.000	5.000	4	1.000	1.386
51 Fravir	1.154	4.160	15.000	.000	15.000	1	.000	.000
52 Galasp	3.077	9.691	40.000	.000	35.000	2	.544	.377
53 Galbor	.769	2.774	10.000	.000	10.000	1	.000	.000
54 Gallab	.769	1.878	10.000	.000	5.000	2	1.000	.693
55 Galobt	11.923	20.569	155.000	.000	60.000	5	.852	1.372
56 Galtri	2.308	5.991	30.000	.000	20.000	2	.918	.637
57 Gaybac	.385	1.387	5.000	.000	5.000	1	.000	.000
58 Genpro	1.538	5.547	20.000	.000	20.000	1	.000	.000
59 Geusp.	.769	2.774	10.000	.000	10.000	1	.000	.000
60 Glysp.	.385	1.387	5.000	.000	5.000	1	.000	.000
61 Helaut	3.462	5.158	45.000	.000	15.000	5	.946	1.523
62 Helgro	2.308	3.881	30.000	.000	10.000	4	.959	1.330
63 Hyppyr	.769	2.774	10.000	.000	10.000	1	.000	.000
64 Hypsph	.769	2.774	10.000	.000	10.000	1	.000	.000
65 Hypvir	.769	1.878	10.000	.000	5.000	2	1.000	.693
66 Hypvir f	1.538	3.755	20.000	.000	10.000	2	1.000	.693
67 Impcap	17.692	23.149	230.000	.000	65.000	6	.945	1.693
68 Irivir s	2.692	3.301	35.000	.000	10.000	6	.976	1.748
69 Jundud	.769	2.774	10.000	.000	10.000	1	.000	.000
70 Junsp.	1.154	2.996	15.000	.000	10.000	2	.918	.637
71 Latpal	4.487	4.782	58.333	.000	15.000	8	.942	1.960
72 Leeory	2.692	8.321	35.000	.000	30.000	2	.592	.410
73 Lemmin	1.538	5.547	20.000	.000	20.000	1	.000	.000
74 Liploe	.385	1.387	5.000	.000	5.000	1	.000	.000
75 Lobkal	.769	2.774	10.000	.000	10.000	1	.000	.000
76 Lycame	7.821	10.958	101.667	.000	26.667	6	.904	1.620
77 Lycsp.	5.769	14.119	75.000	.000	40.000	2	.997	.691
78 Lycvir	28.462	24.099	370.000	.000	65.000	9	.961	2.111
79 Lyshyb	.256	.925	3.333	.000	3.333	1	.000	.000
80 Lysqua	3.333	7.169	43.333	.000	25.000	4	.795	1.102
81 Lysthy	13.462	20.452	175.000	.000	60.000	6	.855	1.532
82 Lytala	1.538	4.274	20.000	.000	15.000	2	.811	.562
83 Menarv v	11.923	13.925	155.000	.000	40.000	7	.939	1.827
84 Mimrin	.385	1.387	5.000	.000	5.000	1	.000	.000
85 Monfis	.769	1.878	10.000	.000	5.000	2	1.000	.693
86 Mosssp.	.769	2.774	10.000	.000	10.000	1	.000	.000
87 Muhfro	6.026	11.776	78.333	.000	33.333	3	.980	1.077
88 Muhglo	.769	1.878	10.000	.000	5.000	2	1.000	.693
89 Muhmex	5.385	12.156	70.000	.000	35.000	3	.818	.898
90 Oenpil	4.615	16.641	60.000	.000	60.000	1	.000	.000
91 Oxyrig	1.538	2.402	20.000	.000	5.000	4	1.000	1.386
92 Pansp.	.385	1.387	5.000	.000	5.000	1	.000	.000
93 Pargla	.385	1.387	5.000	.000	5.000	1	.000	.000
94 Parqui	.385	1.387	5.000	.000	5.000	1	.000	.000
95 Pedlan	3.462	7.742	45.000	.000	25.000	3	.853	.937
96 Phlgla i	2.692	9.707	35.000	.000	35.000	1	.000	.000
97 Polamp s	8.077	15.750	105.000	.000	45.000	4	.850	1.179
98 Pollap	.385	1.387	5.000	.000	5.000	1	.000	.000
99 Polsp.	.385	1.387	5.000	.000	5.000	1	.000	.000
100 Potpal	.769	2.774	10.000	.000	10.000	1	.000	.000
101 Pycvir	44.359	34.072	576.667	.000	90.000	11	.928	2.226
102 Rospal	1.154	4.160	15.000	.000	15.000	1	.000	.000
103 Rudhir	.385	1.387	5.000	.000	5.000	1	.000	.000
104 Rumalt	.256	.925	3.333	.000	3.333	1	.000	.000
105 Rumorb	1.154	2.193	15.000	.000	5.000	3	1.000	1.099
106 Saglat	.385	1.387	5.000	.000	5.000	1	.000	.000
107 Sagsp.	.385	1.387	5.000	.000	5.000	1	.000	.000
108 Salcan	.769	2.774	10.000	.000	10.000	1	.000	.000
109 Saldis	1.538	3.755	20.000	.000	10.000	2	1.000	.693
110 Salped h	.385	1.387	5.000	.000	5.000	1	.000	.000

111 Satark	.385	1.387	5.000	.000	5.000	1	.000	.000
112 Scival c	.769	2.774	10.000	.000	10.000	1	.000	.000
113 Scuepi	7.052	12.156	91.670	.000	36.670	5	.851	1.370
114 Sculat	1.154	4.160	15.000	.000	15.000	1	.000	.000
115 Sensp.	.385	1.387	5.000	.000	5.000	1	.000	.000
116 Silter	.385	1.387	5.000	.000	5.000	1	.000	.000
117 Solalt	1.538	4.274	20.000	.000	15.000	2	.811	.562
118 Solgig	10.385	22.496	135.000	.000	80.000	5	.714	1.149
119 Solgra	2.692	9.707	35.000	.000	35.000	1	.000	.000
120 Solgym	.385	1.387	5.000	.000	5.000	1	.000	.000
121 Solmis f	7.692	23.595	100.000	.000	85.000	2	.610	.423
122 Solohi	.385	1.387	5.000	.000	5.000	1	.000	.000
123 Solpat	8.718	21.324	113.333	.000	60.000	2	.998	.691
124 Solrid	2.308	8.321	30.000	.000	30.000	1	.000	.000
125 Soluli	9.359	17.153	121.667	.000	50.000	4	.886	1.228
126 Spapoc	4.231	15.254	55.000	.000	55.000	1	.000	.000
127 Spialb	7.692	24.884	100.000	.000	90.000	2	.469	.325
128 Stupal h	.385	1.387	5.000	.000	5.000	1	.000	.000
129 Thadas	.385	1.387	5.000	.000	5.000	1	.000	.000
130 Thatri	.769	2.774	10.000	.000	10.000	1	.000	.000
131 Typang	1.154	4.160	15.000	.000	15.000	1	.000	.000
132 Typlat	4.359	7.892	56.667	.000	25.000	4	.917	1.271
133 Ulmrub	.385	1.387	5.000	.000	5.000	1	.000	.000
134 Verfas	1.154	4.160	15.000	.000	15.000	1	.000	.000
135 Verhas	3.077	8.549	40.000	.000	30.000	2	.811	.562
136 Viocuc	1.923	6.934	25.000	.000	25.000	1	.000	.000
137 Vionep	5.000	18.028	65.000	.000	65.000	1	.000	.000
138 Viosp.	14.872	21.895	193.333	.000	60.000	6	.879	1.576
139 Vitrip	.769	2.774	10.000	.000	10.000	1	.000	.000

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AVERAGES:	4.847	7.785	63.010	.252	25.360	2.5	.420	.540
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