

Calcareous floating mat

Summary of 5 Sites N = 79 Species

No.	Qual.	Mean Sp. Frequency	Stand.Dev.	Sum	Minimum Frequency	Maximum Frequency	S	E	H	Mean Native Plot Richness
S5	B	11.139	25.038	880.000	.000	100.000	23	.877	2.748	8.80
652	A	18.418	30.869	1455.000	.000	100.000	31	.922	3.167	14.55
1000	A	10.169	21.330	803.333	.000	100.000	26	.895	2.916	8.03
988	A	16.646	24.648	1315.000	.000	95.000	48	.895	3.463	13.15
1012-2	A	6.203	17.942	490.000	.000	100.000	18	.826	2.389	4.90
AVRS:	A	12.859	2.840				30.75		2.984	8.93

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)

Summary of stand structure

<u>Components</u>	<u>Relative Frequency</u>
Native graminoid	34.42
Native forbs	55.36
Native woody	5.56
Ferns and fern allies	4.75
Alien species	00.00

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

<u>Species</u>	<u>Abbreviation</u>	<u>Frequency</u>
Carex lasiocarpa var americana	Carlas ame	78.67
Calamagrostis canadensis	Calcan	70.00
Muhlenbergia glomerata	Muhglo	48.00
Carex aquatilis var altior	Caraqu	40.00
Carex buxbaumii?	Carbux	32.00
Carex sp.??	Carsp	18.00
Scirpus acutus	Sciacu	16.00

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

<u>Species</u>	<u>Abbreviation</u>	<u>Frequency</u>
Lycopus virginicus	Lycvir	60.67
Lysimachia thyrsoflora	Lysthy	46.00
Hypericum virginicum var. fraseri	Hypvir fra	43.33
Sagittaria sp.	Sagsp.	36.33
Aster borealis	Astbor	35.00
Potentilla palustris	Potpal	31.67
Scutellaria epilobiifolia	Scueip	30.00
Campanula uliginosa	Camuli	26.67
Galium labradoricum	Gallab	23.00
Solidago uliginosa	Soluli	23.00
Eupatorium perfoliatum	Eupper	16.00
Menyanthes trifoliata var minor	Mentri min	16.00
Lysimachia quadriflora	Lysqua	15.00
Polygonum amphibium var. stipulaceum	Polamp	11.67
Parnassia glauca	Pargla	11.00
Bidens coronata	Bidcor	10.00
Eupatorium maculatum	Eupmac	10.00

Native woody species (>= 2 % Frequency)

<u>Species</u>	<u>Abbreviation</u>	<u>Frequency</u>
Potentilla palustris	Potpal	31.67
Salix pedicellaris hypoglauca	Salped h	25.00
Salix candida	Salcan	16.00
Betula pumila	Betpum	7.00
Salix eriocephala	Saleri	5.00

Alien species (> 5 % Frequency)

<u>Species</u>	<u>Abbreviation</u>	<u>Frequency</u>
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Summary of 79 Species

N = 5 Sites

Num.	Name	Mean sp. Frequency	Stand.Dev.	Sum	Minimum Frequency	Maximum Frequency	S	E	H
1	Agapur	2.000	4.472	10.000	.000	10.000	1	.000	.000
2	Agapur p	1.000	2.236	5.000	.000	5.000	1	.000	.000
3	Agasp.	2.000	4.472	10.000	.000	10.000	1	.000	.000
4	Andger	2.000	4.472	10.000	.000	10.000	1	.000	.000
5	Astbor	35.000	48.218	175.000	.000	95.000	2	.995	.689
6	Astpra	3.000	6.708	15.000	.000	15.000	1	.000	.000
7	Betpum	7.000	9.747	35.000	.000	20.000	2	.985	.683
8	Bidcor	10.000	17.321	50.000	.000	40.000	2	.722	.500
9	Bidsp.	1.667	2.357	8.333	.000	5.000	2	.971	.673
10	Boecyl	2.333	3.249	11.667	.000	6.667	2	.985	.683
11	Boecyl d	2.000	4.472	10.000	.000	10.000	1	.000	.000
12	Brocil	1.000	2.236	5.000	.000	5.000	1	.000	.000
13	Calcan	70.000	31.820	350.000	20.000	100.000	5	.938	1.510
14	Camapa	1.000	2.236	5.000	.000	5.000	1	.000	.000
15	Camuli	26.667	20.649	133.333	.000	55.000	4	.933	1.293
16	Caraqu	40.000	54.772	200.000	.000	100.000	2	1.000	.693
17	Carbux	32.000	44.385	160.000	.000	90.000	2	.989	.685
18	Carlac a	1.333	2.981	6.667	.000	6.667	1	.000	.000
19	Carlas	78.667	29.236	393.333	33.333	100.000	5	.961	1.546
20	Carpal n	1.333	2.981	6.667	.000	6.667	1	.000	.000
21	Carsp	18.000	32.133	90.000	.000	75.000	3	.507	.557
22	Cicbul	2.000	2.739	10.000	.000	5.000	2	1.000	.693
23	Clamar	3.000	6.708	15.000	.000	15.000	1	.000	.000
24	Corsto	1.000	2.236	5.000	.000	5.000	1	.000	.000
25	Drythe p	46.000	44.497	230.000	.000	100.000	3	.978	1.075
26	Dularu	2.000	4.472	10.000	.000	10.000	1	.000	.000
27	Eleros	2.000	4.472	10.000	.000	10.000	1	.000	.000
28	Elesp.	2.000	4.472	10.000	.000	10.000	1	.000	.000
29	Epilep	6.667	14.907	33.333	.000	33.333	1	.000	.000
30	Epistr	1.000	2.236	5.000	.000	5.000	1	.000	.000
31	Equflu	1.000	2.236	5.000	.000	5.000	1	.000	.000
32	Eupmac	10.000	15.411	50.000	.000	35.000	2	.881	.611
33	Eupper	16.000	22.192	80.000	.000	45.000	2	.989	.685
34	Galbor	1.000	2.236	5.000	.000	5.000	1	.000	.000
35	Gallab	23.000	20.797	115.000	.000	50.000	4	.860	1.192
36	Galtri	7.333	16.398	36.667	.000	36.667	1	.000	.000
37	Genpro	1.000	2.236	5.000	.000	5.000	1	.000	.000
38	Hypvir f	43.333	33.809	216.667	15.000	95.000	5	.857	1.380
39	Irvir s	5.000	8.660	25.000	.000	20.000	2	.722	.500
40	Junnod	1.000	2.236	5.000	.000	5.000	1	.000	.000
41	Latpal	8.000	11.511	40.000	.000	25.000	2	.954	.662
42	Liploe	2.000	4.472	10.000	.000	10.000	1	.000	.000
43	Lobkal	1.000	2.236	5.000	.000	5.000	1	.000	.000
44	Lycame	4.000	6.519	20.000	.000	15.000	2	.811	.562

45 Lycvir	60.667	36.144	303.333	5.000	90.000	5	.879	1.414
46 Lysqua	15.000	30.822	75.000	.000	70.000	2	.353	.245
47 Lyster	9.000	20.125	45.000	.000	45.000	1	.000	.000
48 Lysthy	46.000	21.622	230.000	20.000	75.000	5	.944	1.519
49 Lytala	1.000	2.236	5.000	.000	5.000	1	.000	.000
50 Menarv v	9.000	12.450	45.000	.000	25.000	2	.991	.687
51 Mentri m	16.000	24.341	80.000	.000	55.000	2	.896	.621
52 Mint	1.333	2.981	6.667	.000	6.667	1	.000	.000
53 Muhglo	48.000	44.805	240.000	.000	95.000	3	.992	1.090
54 Oxyrig	2.000	2.739	10.000	.000	5.000	2	1.000	.693
55 Pargla	11.000	24.597	55.000	.000	55.000	1	.000	.000
56 Polamp s	11.667	16.449	58.333	.000	35.000	2	.971	.673
57 Potpal	31.667	26.562	158.333	.000	60.000	4	.893	1.237
58 Ptetri	1.000	2.236	5.000	.000	5.000	1	.000	.000
59 Ransp.	1.000	2.236	5.000	.000	5.000	1	.000	.000
60 Rumalt	2.667	5.963	13.333	.000	13.333	1	.000	.000
61 Sagsp.	36.333	36.976	181.667	.000	80.000	3	.952	1.046
62 Salcan	16.000	17.103	80.000	.000	45.000	4	.835	1.157
63 Salped h	25.000	31.225	125.000	.000	70.000	3	.814	.895
64 Saleri	5.000	11.180	25.000	.000	25.000	1	.000	.000
65 Sciacu	16.000	35.777	80.000	.000	80.000	1	.000	.000
66 Scipun	9.000	20.125	45.000	.000	45.000	1	.000	.000
67 Scival c	3.000	6.708	15.000	.000	15.000	1	.000	.000
68 Scuepi	30.000	32.404	150.000	.000	70.000	4	.781	1.083
69 Sculat	3.000	6.708	15.000	.000	15.000	1	.000	.000
70 Solgig	2.000	4.472	10.000	.000	10.000	1	.000	.000
71 Solrid	4.000	8.944	20.000	.000	20.000	1	.000	.000
72 Soluli	23.000	32.711	115.000	.000	70.000	2	.966	.669
73 Spasp.	3.667	5.821	18.333	.000	13.333	2	.845	.586
74 Spicer	1.000	2.236	5.000	.000	5.000	1	.000	.000
75 Teucan	4.000	8.944	20.000	.000	20.000	1	.000	.000
76 Typlat	5.333	6.169	26.667	.000	15.000	3	.896	.984
77 Utrint	1.000	2.236	5.000	.000	5.000	1	.000	.000
78 Viocuc	4.000	8.944	20.000	.000	20.000	1	.000	.000
79 Viopap	3.000	6.708	15.000	.000	15.000	1	.000	.000
AVERAGES:	12.515	14.311	62.574	1.181	32.954	1.8	.406	.398