

Data Set: Restoration of Great Lakes Marshes

Source: Phragmites Vegetation Sampling & Bird Use Monitoring Protocol, August 2011. Collected by Ducks Unlimited, Ann Arbor, MI

Point #	Transect	Latitude	Longitude	Photo #	Birds	% Phrag	%Non-Phrag	Point Mean (% Phrag)	Point Mean (% Non-Phrag)
67	N	42.619801	-82.6549	4	x	6	1	6	1
	S			5	x	6	1		
	E			6	x	6	1		
	W			7	x	6	1		
59	N	42.612999	-82.676102	9	1 Red-winged Blackbird	5	2	5	2
	S			10	x	5	2		
	E			11	x	5	2		
	W			12	x	5	2		
181	N	42.615299	-82.676003	14	x	2	5	3.5	3.5
	S			15	x	6	1		
	E			16	x	5	2		
	W			17	x	1	6		
44	N	42.615601	-82.6763	19	x	2	5	3	3.75
	S			20	x	5	2		
	E			21	x	3	3		
	W			22	x	2	5		
78	N	42.620602	-82.680298	24	x	1	6	3	3.5
	S			25	x	3	3		
	E			26	x	3	3		
	W			27	x	5	2		
68	N	42.623001	-82.680496	29	x	6	1	6	1
	S			30	x	6	1		
	E			31	x	6	1		
	W			32	x	6	1		
89	N	42.589699	-82.640602	33	x	1	6	1	6
	S			34	x	1	6		
	E			35	x	1	6		
	W			36	x	1	6		
84	N	42.584202	-82.638	37	x	1	6	1.5	5.5
	S			38	x	1	6		
	E			39	x	2	5		
	W			40	x	2	5		
47	N	42.5816	-82.637299	41	x	6	1	6	1
	S			42	x	6	1		
	E			43	x	6	1		
	W			44	x	6	1		

Point #	Transect	Latitude	Longitude	Photo #	Birds	% Phrag	%Non-Phrag	Point Mean (% Phrag)	Point Mean (% Non-Phrag)
95	N	42.574699	-82.635696	45	Northern Harrier	1	6	2.5	4.5
	S			46	Herring Gull	6	1		
	E			47	250 Red-winged blackbirds	1	6		
	W			48	x	2	5		
165	N	42.5755	-82.636597	49	Sedge Wren	1	6	1	6
	S			50	Mallard	1	6		
	E			51	x	1	6		
	W			52	x	1	6		
40	N	42.574699	-82.651703	56	6 Sedge Wrens	6	1	6	1
	S			57	x	6	1		
	E			58	x	6	1		
	W			59	x	6	1		
135	N	42.569401	-82.670799	60	x	1	6	1	6
	S			61	x	1	6		
	E			62	x	1	6		
	W			63	x	1	6		
90	N	42.568199	-82.669701	64	Great Blue Heron	0	0	1.5	0.25
	S			65	Sedge Wren	0	0		
	E			66	x	0	0		
	W			67	x	6	1		
94	N	42.566002	-82.674599	69	x	6	1	6	1
	S			70	x	6	1		
	E			71	x	6	1		
	W			72	x	6	1		
199	N	42.59786	-82.5758	1	x	1	6	3	3.5
	S			2	x	5	2		
	E			3	x	3	3		
	W			4	x	3	3		
160	N	42.6115	-82.574203	5	x	1	6	2	5
	S			6	x	1	6		
	E			7	x	5	2		
	W			8	x	1	6		
96	N	42.60302	-82.56833	9	x	6	1	6	1
	S			10	x	6	1		
	E			11	x	6	1		
	W			12	x	6	1		
100	N	42.60288	-82.56848	13	x	6	1	6	1
	S			14	x	6	1		
	E			15	x	6	1		
	W			16	x	6	1		

Point #	Transect	Latitude	Longitude	Photo #	Birds	% Phrag	%Non-Phrag	Point Mean (% Phrag)	Point Mean (% Non-Phrag)
191	N	42.611	-82.571701	17	x	4	3	4.5	2.5
	S			18	x				
	E			19	x				
	W			20	x				
124	N	42.6202	-82.6546	22	x	6	1	3	4
	S			23	x				
	E			24	x				
	W			25	x				
8	N	42.5664	-82.6788	26	Red-winged blackbird	6	1	6	1
	S			27	x				
	E			28	x				
	W			29	x				
81	N	42.5639	-82.6814	31	x	6	1	6	1
	S			32	x				
	E			33	x				
	W			34	x				
98	N	42.5638	-82.6816	35	x	5	2	5.5	1.5
	S			36	x				
	E			37	x				
	W			38	x				
3	N	42.5628	-82.6868	40	x	6	1	6	1
	S			41	x				
	E			42	x				
	W			43	x				
121	N	42.5658	-82.6861	44	x	6	1	5.75	1.25
	S			45	x				
	E			46	x				
	W			47	x				
106	N	42.5823	-82.6257	48	x	6	1	6	1
	S			49	x				
	E			50	x				
	W			51	x				
86	N	42.5863	-82.6342	52	x	6	1	6	1
	S			53	x				
	E			54	Red-winged blackbird				
	W			55	Sedge Wren				
13	N	42.59432	-82.63592	56	x	6	1	6	1
	S			57	x				
	E			58	x				
	W			59	x				

Point #	Transect	Latitude	Longitude	Photo #	Birds	% Phrag	%Non-Phrag
23	N	42.59455	-82.63099	60	x	6	1
	S			61	x	6	1
	E			62	x	6	1
	W			63	x	6	1

Point Mean
(% Phrag) Point Mean
(% Non-Phrag)

6 1

4.358333333

2.425 Average

1.936139214

1.875603351 St. Deviation

30

30 Number

Percent cover is based on a 1-6 category ranking described in the monitoring protocol

0- was used when the data for area was not attainable due to factors such as open water or man made structures

0.353489041

0.342436755 Standard Error

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