

Standard Aquatic Vegetation Summary Sheet



Lake Name: Lake Chemung
 County: Livingston County
 Surveyor: Pam Tynning, Matt Fox
 Total Number of AVAS Sites: 90

Survey Date: 18-Aug-09

Code No	Plant Name	Occurrence per Density Category				Relative Density Calculations				Relative Density for Entire Littoral Zone		Code No	Plant Name
		A	B	C	D	A x 1	B x10	C x 40	D x 80	Sum	%		
1	Eurasian milfoil	2				2	0	0	0	2	0.0	1	Eurasian milfoil
2	Curly leaf pondweed	5	2	1		5	20	40	0	65	0.7	2	Curly leaf pondweed
3	Chara		12	64	8	0	120	2,560	640	3320	36.9	3	Chara
4	Thinleaf pondweed		23	5		0	230	200	0	430	4.8	4	Thinleaf pondweed
5	Flatstem pondweed		13	32		0	130	1,280	0	1410	15.7	5	Flatstem pondweed
6	Robbins pondweed					0	0	0	0	0	0.0	6	Robbins pondweed
7	Variable pondweed					0	0	0	0	0	0.0	7	Variable pondweed
8	Whitestem pondweed		1			0	10	0	0	10	0.1	8	Whitestem pondweed
9	Richardson's pondweed	4	23	5		4	230	200	0	434	4.8	9	Richardson's pondweed
10	Illinois pondweed	3	32			3	320	0	0	323	3.6	10	Illinois pondweed
11	Large leaf pondweed	1	26	4		1	260	160	0	421	4.7	11	Large leaf pondweed
12	American pondweed	1	1			1	10	0	0	11	0.1	12	American pondweed
13	Floating leaf pondweed					0	0	0	0	0	0.0	13	Floating leaf pondweed
14	Water stargrass		2	1		0	20	40	0	60	0.7	14	Water stargrass
15	Wild celery		21	37	9	0	210	1,480	720	2410	26.8	15	Wild celery
16	Sagittaria					0	0	0	0	0	0.0	16	Sagittaria
17	Northern milfoil					0	0	0	0	0	0.0	17	Northern milfoil
18	M. verticillatum					0	0	0	0	0	0.0	18	M. verticillatum
19	M. heterophyllum					0	0	0	0	0	0.0	19	M. heterophyllum
20	Coontail	3	2			3	20	0	0	23	0.3	20	Coontail
21	Elodea					0	0	0	0	0	0.0	21	Elodea
22	Utricularia spp.	1				1	0	0	0	1	0.0	22	Utricularia spp.
23	Bladderwort-mini					0	0	0	0	0	0.0	23	Bladderwort-mini
24	Buttercup					0	0	0	0	0	0.0	24	Buttercup
25	Najas spp.					0	0	0	0	0	0.0	25	Najas spp.
26	Brittle naiad					0	0	0	0	0	0.0	26	Brittle naiad
27	Starry stonewort		5	4	5	0	50	160	400	610	6.8	27	Starry stonewort
28						0	0	0	0	0	0.0	28	
29						0	0	0	0	0	0.0	29	
30	Nymphaea	1	1	1	3	1	10	40	240	291	3.2	30	Nymphaea
31	Nuphar	1	13	12	2	1	130	480	160	771	8.6	31	Nuphar
32	Brasenia					0	0	0	0	0	0.0	32	Brasenia
33	Lemna minor					0	0	0	0	0	0.0	33	Lemna minor
34	Spirodella					0	0	0	0	0	0.0	34	Spirodella
35	Watermeal					0	0	0	0	0	0.0	35	Watermeal
36	Arrowhead		13	5		0	130	200	0	330	3.7	36	Arrowhead
37	Pickerelweed					0	0	0	0	0	0.0	37	Pickerelweed
38	Arrow arum					0	0	0	0	0	0.0	38	Arrow arum
39	Cattails		12	2		0	120	80	0	200	2.2	39	Cattails
40	Bulrushes	3	6			3	60	0	0	63	0.7	40	Bulrushes
41	Iris					0	0	0	0	0	0.0	41	Iris
42	Swamp loosestrife					0	0	0	0	0	0.0	42	Swamp loosestrife
43	Purple loosestrife	8	5	3		8	50	120	0	178	2.0	43	Purple loosestrife
44						0	0	0	0	0	0.0	44	
45						0	0	0	0	0	0.0	45	

Total: 126.3

Point #	Species and Density										Point #	Species and Density									
	1	2	3	4	5	6	7	8	9	10		1	2	3	4	5	6	7	8	9	10
1	3C	15C										3C	31C	36C							
2	3C	15C										3C	31C	15C	36C						
3	3C	15C										3C	43C	39b	30C	9C	15C				
4	3C	15C	5b									3C	43C	30C	40b	10b					
5	3C	15C	4b	9b								3C	31b	40a	10b	9b	36b	15b	11b	43C	
6	3b	9b	15C	8b	2a							3C	10b	15b	10b	4b	31b				
7	3b	15C	9b									5b	3C	9b	10b	15C					
8	3b	15C	4C	10b								3C	15d	5C	9b	10b	4b				
9	3b	15C	4C	10b	5C							27C	15C	2a	5b	40a	11b	4C	1a	2a	
10	3b	5C	10b	11b	15C							3C	15d	21C	11b	20a					
11	3b	15C	5b	10b								3C	15d	5C	4C	20b	9b	2b	11b		
12	3b	5C	10a	11b	15C							3b	15b	5b	2C	1a	70a				
13	3b	15C	5C	11b	2a							3C	9C	15b	2b	11b	40b	5C	20b		
14	3C	15d	2a	10b	9b	11b						27C	39b	31b	4b	10b	15b				
15	3b	10b	4b	5C	15C							3C	43b	36b	30b	4b	11b	10b			
16	3C	15b	5b									3b	36b	40b	31b	30a	43b	39b			
17	3C	5C	10b	9b								3b	36b	5b	40b	9C	10b	41b	22a	15b	
18	3C	15C	4b	11b	9b	2b	10b					27d	9C	5b	10b	15b	31C	11b	36b	46	
19	31C	3C	5C	43a								27d	31C	39b							
20	31C	3C	5C	43a								27d	31C	39b							
21	31C	3C	5C									3C	11C	5C	9C	10b	15b	20a	27C	31C	
22	3C	15b										3C	15d	9b	31C	43a	39b	5b			
23	3C	15C	5C	43a	11b	4b	9b	31b				3C	15C	36C	11b	5C	14b	43a	10b	9a	
24	3C	5C	15C	15a								3C	15d	9b	11b	4b	36b				
25	3C	15d	11b	5b	10b	4b						3C	15C	36b	31b	11C	5C	43a			

Plant Survey Data Sheet

Date: 8-19-09

Lake: Chomung

County: Livingston

²⁷ ~~47~~ = Starry Stonewort

Sheet 2 of 2

Crew: PJ, MGF
Mike Siciu

Point #	Species and Density										Point #	Species and Density									
	1	2	3	4	5	6	7	8	9	10		1	2	3	4	5	6	7	8	9	10
51	3C	9b	15C	31d	39C	11C	14C				76	3C	5C	11b	4b	27b					
52	3d	11C	15b	31C	43b	9b					77	3C	5C	15b	2a						
53	3d	31d	39b	36b	43b	5b	11b	14b			78	3C	10b	5C	11b	10b					
54	3C	4b	11b	31C	36b						79	3C	5C	4b	10b	9a	15b				
55	27d	3C	31b	43a	39b						80	3C	5C	15b	4b	10b					
56	27d	15C	31b	40b	43b						81	3C	5C	9b							
57	3d	11b	15b	31b	36b	5C	43a	27b			82	3C	15b	5C	10a	4b					
58	3d	11b	15b								83	3d	27b	30d	36b	15C	9b				
59	3d	31b	5C	15C	11b	9a					84	3d	27b	30d	39C	36b	9b	15b			
60	3C	5C	15C	11a	31b						85	3d	30d	36b	39b	9b	4b	27b			
61	3C	15C									86	3C	5C	4b	11b	10b	9a				
62	3C	15C	4C								87	3C	5C								
63	3C	15C	11b								88	3C	5C	9b	10b	4b					
64	3C	15C									89	3C	5C	9b							
65	3C	15C	11b	31b							90	3C	15C	5C	4b						
66	3C	15C	4b	9b	10b																
67	3C	15C	4b	10b																	
68	3C	15C																			
69	3C	15C																			
70	3C	39b	40b	15b																	
71	3C	10b																			
72	3C	15b	10a																		
73	3C	31b	39b	10b																	
74	3C	15b	39b	40a	31a	5b	9b	10b													
75	3C	15b	5b																		

□ = 1 ACRE

LAKE CHEMUNG AQUATIC PLANT SURVEY MAP 314 ACRES

Date: _____
Crew: _____
Weather: _____

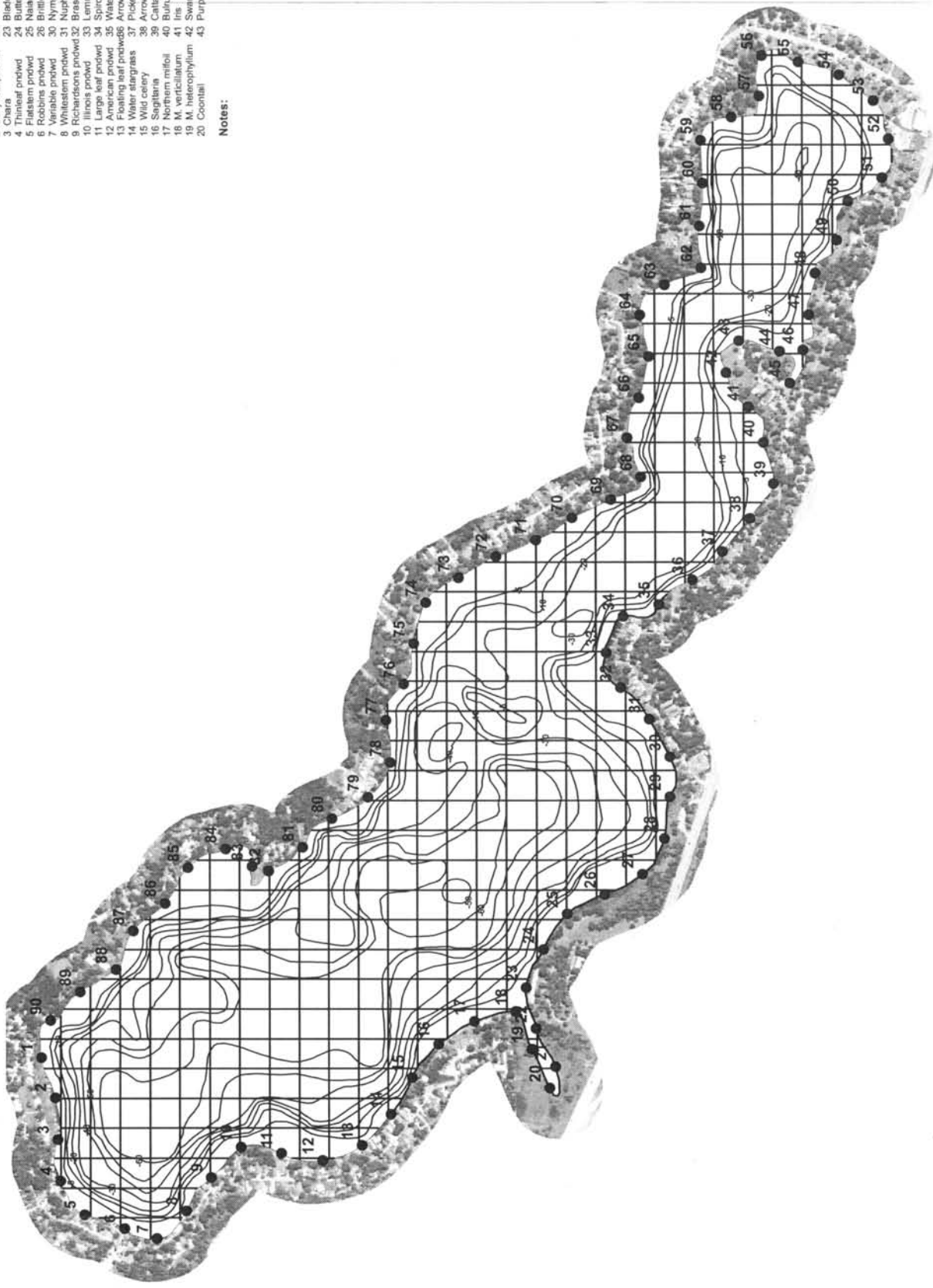
Density

- a Found
- b Sparse
- c Common
- d Dense

Plant Names

- 1 E. Milfoil
- 2 Curly leaf pondw
- 3 Chara
- 4 Thinleaf pondw
- 5 Flatstem pondw
- 6 Robins pondw
- 7 Whorled pondw
- 8 White pondw
- 9 Richardson pondw
- 10 Illinois pondw
- 11 Large leaf pondw
- 12 American pondw
- 13 Floating leaf pondw
- 14 Water stargrass
- 15 Wild celery
- 16 Sagittaria
- 17 Northern milfoil
- 18 M. verticillatum
- 19 M. heterophyllum
- 20 Coontail
- 21 Elodea
- 22 Utricularia vulgaris
- 23 Bladderwort-mini
- 24 Buttercup
- 25 Najas
- 26 Britton naiad
- 27 Najas
- 28 Najas
- 29 Richardson pondw
- 30 Lemna minor
- 31 Spirodella
- 32 Watermeal
- 33 Arrowweed
- 34 Arrow arum
- 35 Callais
- 36 Burzash
- 37 Iris
- 38 Swamp loosestrife
- 39 Purple loosestrife

Notes:



1 inch equals 1,000 feet

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