

**Standard Aquatic Vegetation Summary Sheet**



Lake Name: Lake Chemung  
 County: Livingston  
 Surveyor: Pam Tynning  
 Total Number of AVAS Sites: 86  
 Survey Date: 18-Aug-10

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	4	18	9	1	4	180	360	80	624	7.3	1	Eurasian milfoil
2	Curly leaf pondweed		1			0	10	0	0	10	0.1	2	Curly leaf pondweed
3	Chara	5	15	31		5	150	1,240	0	1,395	16.2	3	Chara
4	Thinleaf pondweed	3	11	1		3	110	40	0	153	1.8	4	Thinleaf pondweed
5	Flatstem pondweed	1	8			1	80	0	0	81	0.9	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	Whitstem pondweed					0	0	0	0	0	0.0	8	Whitstem pondweed
9	Richardson's pondweed	2	23	5		2	230	200	0	432	5.0	9	Richardson's pondweed
10	Illinois pondweed	1	26	4		1	260	160	0	421	4.9	10	Illinois pondweed
11	Large leaf pondweed		9	3		0	90	120	0	210	2.4	11	Large leaf pondweed
12	American pondweed					0	0	0	0	0	0.0	12	American pondweed
13	Floating leaf pondweed					0	0	0	0	0	0.0	13	Floating leaf pondweed
14	Water stargrass		1	2	1	0	10	80	80	170	2.0	14	Water stargrass
15	Wild celery		3	14	43	0	30	560	3,440	4,030	46.9	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	4	11			4	110	0	0	114	1.3	20	Coontail
21	Elodea			3	1	0	0	120	80	200	2.3	21	Elodea
22	Utricularia spp.		1			0	10	0	0	10	0.1	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	Sago pondweed					0	0	0	0	0	0.0	27	Sago pondweed
28						0	0	0	0	0	0.0	28	
29						0	0	0	0	0	0.0	29	
30	Nymphaea			1		0	0	40	0	40	0.5	30	Nymphaea
31	Nuphar	1	5	13	6	1	50	520	480	1,051	12.2	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					0	0	0	0	0	0.0	36	Arrowhead
37	Pickerelweed					0	0	0	0	0	0.0	37	Pickerelweed
38	Arrow arum	3	7	2		3	70	80	0	153	1.8	38	Arrow arum
39	Cattails			8		0	0	320	0	320	3.7	39	Cattails
40	Bulrushes	1	3	1		1	30	40	0	71	0.8	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	2	10	5		2	100	200	0	302	3.5	43	Purple loosestrife
44	Starry stonewort		11	16	27	0	110	640	2,160	2,910	33.8	44	Starry stonewort
45						0	0	0	0	0	0.0	45	

Total: 147.6

56660101/002

Sheet 1 of 2

Lake: Chemung

County: Livingston

Date: 8-18-10

Crew: PJT

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	1A1	10b																			
2	15b	11b	4b	3c	9b	27c															
3	27c	15b	20b	9b	43b	5b	10b														
4	3c	15c	1a	11b																	
5	15d	4b	3b	9a	27c																
6	27c	15c	9a																		
7	27a	15c																			
8	27c	15d																			
9	27b	15d	9b	1a																	
10	3b	15d	9b	1b																	
11	3b	1b	15d	27b																	
12	1c	3c	27c	14d	9b	15d															
13	3c	27b	9b	15d																	
14	3c	27b	9b	11b	1c	15d															
15	3c	15d	31c	20a	15d	9b															
16	39c	40c	43b	15d	3c	27c	9b														
17	3c	27c	9c	11c	4b	10b	1b														
18	3c	15d																			
19	3c	15d	9c	2b																	
20	3c	15d	10b																		
21	3c	10b	15c	11b																	
22	3b	27c	11b	1b	5b	15c															
23	3b	31d	40b	1b	27c																
24	27b	3c	31d	1c	39c	15b															
25	27a	3c	31d	1b	15c	10b															
26	27a	3c	4b	10b																	
27	15c	4b	3c																		
28	3b	10b	9b																		
29	3c	4b	10b																		
30	3c	15d																			



# LAKE CHEMUNG AQUATIC PLANT SURVEY MAP 309 ACRES

☐ = 1 ACRE

Date: 8-18-10

Crew: PJT, ECP

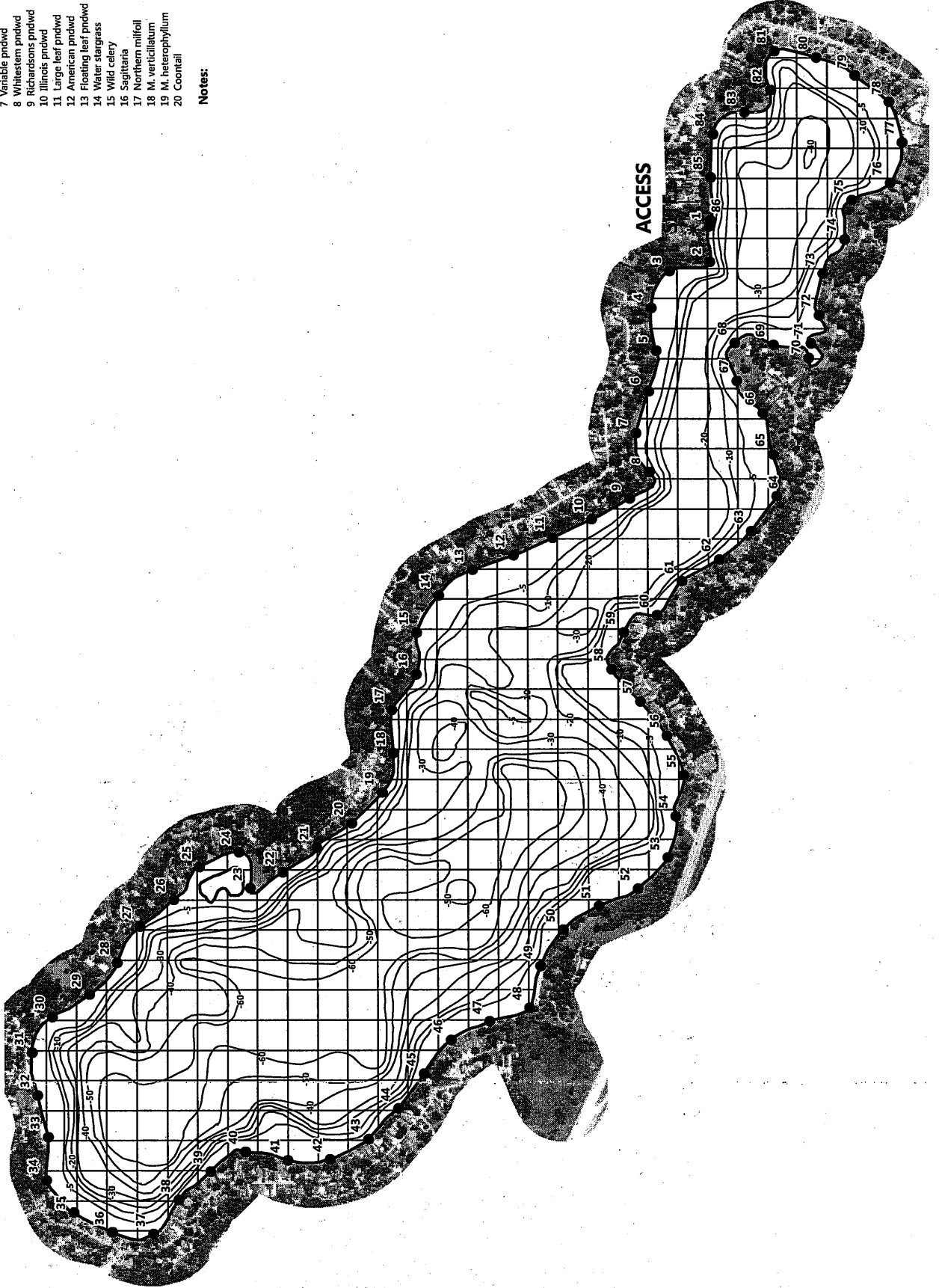
Weather: Clear, 80°

Plant Names	Density
1. E. Milfoil	a Found
2. Curly leaf pondw	b Sparse
3. Chara	c Common
4. Thinleaf pondw	d Dense
5. Flatstem pondw	
6. Robbins pondw	
7. Variable pondw	
8. Whitestem pondw	
9. Richardsons 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 Butternut
- 25 Naiad
- 26 Brittle naiad
- 30 Nymphaea
- 31 Nuphar
- 32 Brasenia
- 33 Lemna minor
- 34 Spirogylla
- 35 Watermeal
- 36 Arrowhead
- 37 Pickerelweed
- 38 Arrow arum
- 39 Cattails
- 40 Bulrushes
- 41 Iris
- 42 Swamp locostife
- 43 Purple locostife

Notes:

*27 stony shoreline*  
*44*



1 inch = 1,000 feet

progressive

38114 MAG 8/NE  
Gard Ranch, NJ, 085  
DATE: 8/18/10  
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