

**Standard Aquatic Vegetation Summary Sheet**



Lake Name: Lake Chemung  
 County: Livingston  
 Surveyor: Rick Buteyn  
 Total Number of AVAS Sites: 86

Survey Date: 2-Sep-16

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					0	0	0	0	0	0.0	1	Eurasian milfoil
2	Curly leaf pondweed					0	0	0	0	0	0.0	2	Curly leaf pondweed
3	Chara	1	24	42	18	1	240	1,680	1,440	3,361	39.1	3	Chara
4	Thinleaf pondweed		7			0	70	0	0	70	0.8	4	Thinleaf pondweed
5	Flatstem pondweed	3	3			3	30	0	0	33	0.4	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					0	0	0	0	0	0.0	8	Whitestem pondweed
9	Richardson's pondweed	4	8			4	80	0	0	84	1.0	9	Richardson's pondweed
10	Illinois pondweed					0	0	0	0	0	0.0	10	Illinois pondweed
11	Large leaf pondweed	4	6			4	60	0	0	64	0.7	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	7	17			7	170	0	0	177	2.1	14	Water stargrass
15	Wild celery	1	10			1	100	0	0	101	1.2	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					0	0	0	0	0	0.0	20	Coontail
21	Elodea					0	0	0	0	0	0.0	21	Elodea
22	Utricularia spp.					0	0	0	0	0	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.	1	2			1	20	0	0	21	0.2	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	3	9	2		3	90	80	0	173	2.0	30	Nymphaea
31	Nuphar		11	1		0	110	40	0	150	1.7	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		1			0	10	0	0	10	0.1	34	Spirodella
35	Watermeal					0	0	0	0	0	0.0	35	Watermeal
36	Arrowhead	3	6	1		3	60	40	0	103	1.2	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		8			0	80	0	0	80	0.9	39	Cattails
40	Bulrushes	3	6	2		3	60	80	0	143	1.7	40	Bulrushes
41	Iris		1			0	10	0	0	10	0.1	41	Iris
42	Swamp loosestrife		8	3	2	0	80	120	160	360	4.2	42	Swamp loosestrife
43	Purple loosestrife	7	12	1		7	120	40	0	167	1.9	43	Purple loosestrife
44	Starry stonewort	6	21	3	1	6	210	120	80	416	4.8	44	Starry stonewort
45	Smartweed		1			0	10	0	0	10	0.1	45	Smartweed

Total: 64.3

44 - Stairy

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	44B	3C	5B								26	44C	3C	9B	14B	40B	4B				
2	11B	44B	3B								27	3D	44B	5A	<del>3B</del> 43A						
3	11B	3C	44B	43A	20B	39B	25B				28	<del>43A</del>	3C	39D	43B	14B					
4	3C	44B	15B	#							29	3C									
5	14A	11A	3C								30	3B	9B	15B							
6	3D	11B									31	3B	14B	15B							
7	3D										32	3B	14B								
8	3C	14B	15B								33	3B									
9	9A	3C	5B								34	3B	44B								
10	4B	9B	3D	44A	40A						35	3B									
11	44B	3B	9B	15B							36	3C	14A								
12	9B	3B	44B								37	3C	9A								
13	3D	15B	9B	44B	14B						38	3C									
14	44B	15B	9B	4B	14A	3C					39	3B									
15	3C	44B	43B	40C							40	3B									
16	3C	40B	15B	11A	44A						41	14B	3B								
17	3B										42	11A	3B	9B							
18	3C										43	43A	3B	14B	9A						
19	3C	9A	14A	4B							44	3C									
20	15B	3C	14B	5A	44B						45	3C									
21	14B	11A	3C	44B							46	4B	14B	3C							
22	14B	44B	3B	11B							47	3B									
23	14B	3C	44B	4B	40A						48	4B	31B	42B	43B	39B					
24	<del>44B</del>	3C	44B	30C	42C	14B	31B	43B			49	3B	14B								
25	44C	30C	42B	36B	43B	39B	3B				50	3C	31B								

Plant Survey Data Sheet

Lake: Chemung

Sheet 2 of 2

Date: 9-2-16

45 - Smarthead

County: Livingston

Crew: ROB

44 - Stacy

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	3B	36B	43C	42B							76	44B	3C	30B	39B							
52	40B	42C	43B	30B	31B	3C	4B				77	<del>42B</del>	2C	44B	42B	39B						
53	11B	41B	3C	26B	42B	40B	43B				78	3C	43B	30B								
54	3D	40C	43B	39B	36C						79	43B	30B	3C	44B	45B						
55	3D	30A									80	3D	44B									
56	3D	30A									81	5B	44C	25B	3B	30B						
57	3D	44A	25A								82	31B	3C	30B								
58	3D										83	36B	43B	3D	42B							
59	3D										84	3C	44B	31B	14B							
60	14A	3C	44A	15A							85	11B	3C	14A								
61	5A	3C									86	3C	14A									
62	<del>3B</del>	3C	31B	15B																		
63	3C																					
64	3C	43A	31B																			
65	3D																					
66	30B	3D	42B																			
67	3D	40B	<del>37B</del>	43A																		
68	3C	40B	31B	36B																		
69	3D	31B	42B																			
70	42D	39B	44A	3A	36B																	
71	42D	30B	31B																			
72	3D	<del>42B</del>	42C	43B	39B	44A	31C															
73	3C	43A	36A	30A																		
74	44B	31B	36A																			
75	31B	3B	43A	36A	40A																	

☐ = 1 ACRE

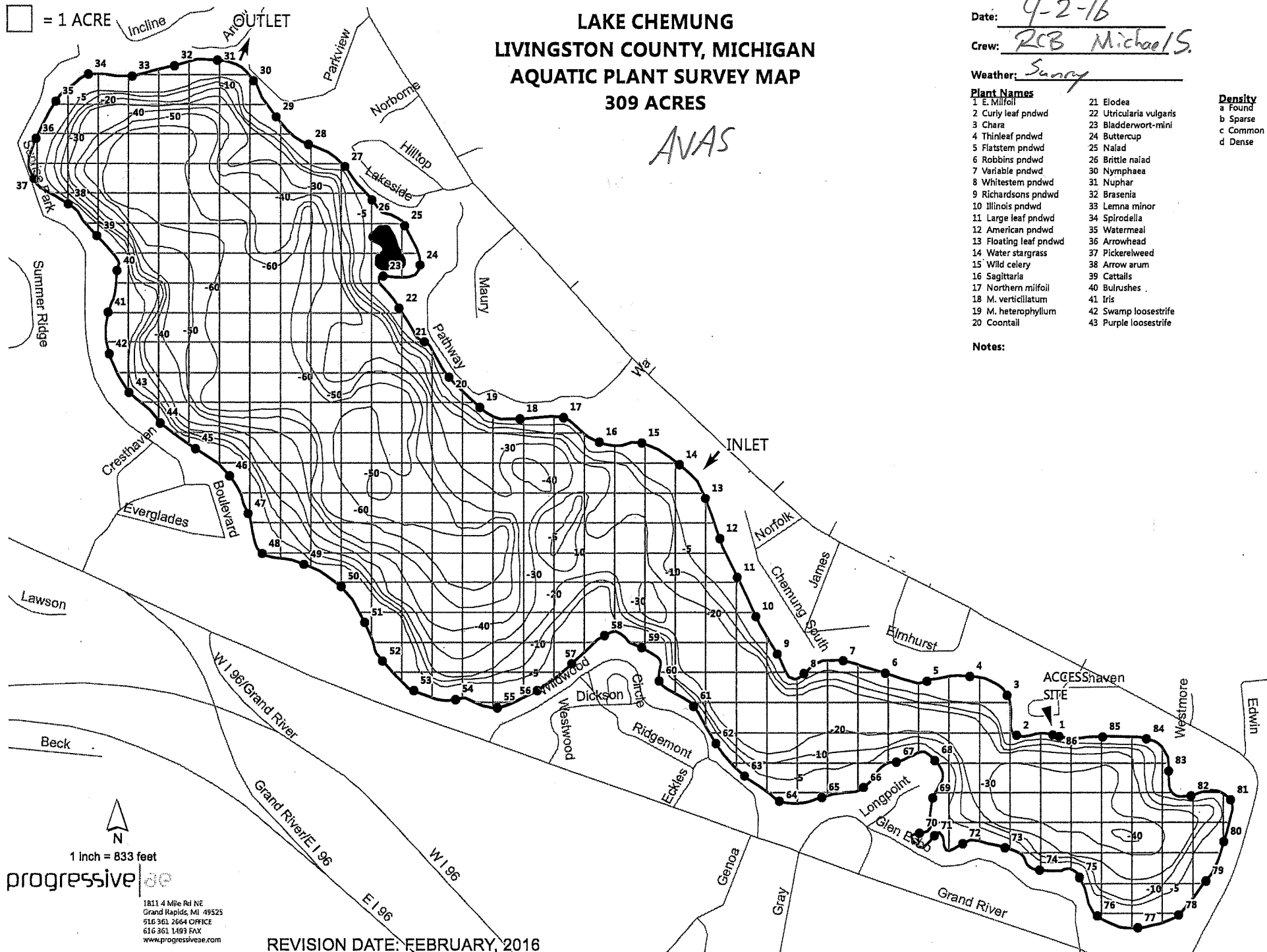
# LAKE CHEMUNG LIVINGSTON COUNTY, MICHIGAN AQUATIC PLANT SURVEY MAP 309 ACRES

ANAS

Date: 9-2-16  
Crew: RCB Michaels  
Weather: Sunny

Plant Names		Density
1 E. Milfoil	21 Elodea	a Found
2 Curly leaf pndwd	22 Utricularia vulgaris	b Sparse
3 Chara	23 Bladderwort-mini	c Common
4 Thinleaf pndwd	24 Buttercup	d Dense
5 Flatstem pndwd	25 Nalad	
6 Robbins pndwd	26 Brittle naiad	
7 Variable pndwd	30 Nymphaea	
8 Whitestem pndwd	31 Nuphar	
9 Richardsons pndwd	32 Brasenia	
10 Illinois pndwd	33 Lemna minor	
11 Large leaf pndwd	34 Spirodella	
12 American pndwd	35 Watermeal	
13 Floating leaf pndwd	36 Arrowhead	
14 Water stargrass	37 Pickerelweed	
15 Wild celery	38 Arrow arum	
16 Sagittaria	39 Cattails	
17 Northern milfoil	40 Bulrushes	
18 M. verticillatum	41 Iris	
19 M. heterophyllum	42 Swamp loosestrife	
20 Coontail	43 Purple loosestrife	

Notes:



1 inch = 833 feet  
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REVISION DATE: FEBRUARY, 2016