

# Lake George Aquatic Plant Survey

August 2-3, 2006, Anoka County, Staff: Carolyn Dindorf and Roman Rowan

Latin	Common	Sample Point Number																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
<i>Bidens beckii</i>	Water Marigold										3									
<i>Brasenia schreberi</i>	Watershield																			
<i>Ceratophyllum demersum</i>	Coontail						1		2	4					3	1				1
<i>Chara</i> sp.	Muskgrasses	1	2	3	1	1	1						3	1						
<i>Eleocharis acicularis</i>	needle spike-rush				1		1													
<i>Elodea canadensis</i>	Canada waterweed																			
<i>Myriophyllum sibiricum</i>	Northern watermilfoil										1								1	1
<i>Myriophyllum spicatum</i>	Eurasian watermilfoil		2	o					2	1							1			1
<i>Myriophyllum tenellum</i>	Dwarf Milfoil	1					1							1						
<i>Najas flexilis</i>	Bushy Pondweed	1	1	3	2	1	1			1		2		1	3					
<i>Nymphaea</i> sp.	White Water Lily																			
<i>Potamogeton crispus</i>	Curly-leaf Pondweed																			
<i>P. foliosus</i>	Leafy Pondweed		1																	
<i>Potamogeton</i> sp.	pondweed, narrow leaf	1					1							1						
<i>P. gramineus</i>	Variable Pondweed	1			1									1						
<i>P. illinoensis</i>	Illinois Pondweed		1	1	1			1				1				2			1	
<i>P. natans</i> (Oakiensis?)	Floating-leaf Pondweed																			
<i>P. praelongus</i>	White-stem Pondweed		1				1													
<i>P. richardsonii</i>	Clasping-leaf Pondweed		1			1									1					
<i>P. robbinsii</i>	Robin's Pondweed			1		1					1	1			1	1			2	1
<i>P. zosteriformis</i>	Flat-stem Pondweed	1	1			1		2							1					
<i>Ranunculus longirustris</i>	Stiff-water Crowfoot																			
<i>Sagittaria rigida</i>	Arrowhead																			
<i>Scirpus americanus</i>	Threesquare																			
<i>Scirpus validus</i>	Softstem Bulrush																			
<i>Typha latifolia</i>	Common Cattail																			
<i>Utricularia vulgaris</i>	Common Bladderwort																			
<i>Vallisneria americana</i>	Wild Celery	1	o		1	1									1					
	Total plant species	7	8	4	6	6	7	2	2	3	3	2	2	5	5	3	2	0	3	4
	Total native species	7	7	4	6	6	7	2	1	2	3	2	2	5	5	3	1	0	3	3
	<b>Depth</b>	1.1	4.2	4.8	3.1	1.2	1.4	4.3	13.5	12.4	6.6	4.9	2.6	0.8	4.4	9.5	17.6	15.4	8.4	6.9
<b>EWM and other observations (see notes below)</b>		*	M	S	A		*		S			*	A		*		X	A	S	

Number in box = relative abundance

A=algae

T = turion

o = observed, but not on sample rake

X- no plants found

S- EWM Plants at surface

M - EWM forming mats on the surface

**\*Notes for sites**

1: sparse EWM near site

6: small colony of cattail along shore by site 6 by vacant lot

11: EWM observed approx. 50' south of site 11

15, 27, 35, 59, 124: mud bottom

27: Mud bottom

42/43: roped-off beach area - could not sample

66: EWM at surface observed just west of site 66

137: Bulrush at edge of site 137

168: some EWM matting nearby

170: EWM between 170 and 154

199/120: sand bottom

213: *S. rigida* along shoreline

232: Beach has been cleaned

lagoon 1: EWM near entrance of lagoon

Abundance: 1= $\leq$  1/3 of the rake head, 2=1/3 < Plants filling  $\leq$  2/3 of the rake head,

3=Plants filling > 2/3 of the rake head, 4=Plants over the top of the rake.

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Latin	Common	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
<i>Bidens beckii</i>	Water Marigold	1													1					
<i>Brasenia schreberi</i>	Watershield																			
<i>Ceratophyllum demersum</i>	Coontail				1	1	4		1		1						2	3		
<i>Chara</i> sp.	Muskgrasses		2	4								3		2						1
<i>Eleocharis acicularis</i>	needle spike-rush											1								
<i>Elodea canadensis</i>	Canada waterweed																			
<i>Myriophyllum sibiricum</i>	Northern watermilfoil																			1
<i>Myriophyllum spicatum</i>	Eurasian watermilfoil				1	1	1		1	1									1	
<i>Myriophyllum tenellum</i>	Dwarf Milfoil													1						
<i>Najas flexilis</i>	Bushy Pondweed	1										1		1	1					
<i>Nymphaea</i> sp.	White Water Lily																			
<i>Potamogeton crispus</i>	Curly-leaf Pondweed																			
<i>P. foliosus</i>	Leafy Pondweed																			
<i>Potamogeton</i> sp.	pondweed, narrow leaf			1																
<i>P. gramineus</i>	Variable Pondweed											1		1						
<i>P. illnoensis</i>	Illinois Pondweed	2	1		1	2	1		2		3	1				1	1	1		
<i>P. natans</i> (Oakiensis?)	Floating-leaf Pondweed																			
<i>P. praelongus</i>	White-stem Pondweed																			
<i>P. richardsonii</i>	Clasping-leaf Pondweed																			
<i>P. robbinsii</i>	Robin's Pondweed	2				1			2	3	3	2			1	2	3	1		1
<i>P. zosteriformis</i>	Flat-stem Pondweed				2											1				
<i>Ranunculus longirustris</i>	Stiff-water Crowfoot																			
<i>Sagittaria rigida</i>	Arrowhead																			
<i>Scirpus americanus</i>	Threesquare																			
<i>Scirpus validus</i>	Softstem Bulrush																			
<i>Typha latifolia</i>	Common Cattail																			
<i>Utricularia vulgaris</i>	Common Bladderwort																			
<i>Vallisneria americana</i>	Wild Celery																			
	Total plant species	4	2	2	4	4	3	0	4	2	3	6	0	4	3	3	3	4	0	3
	Total native species	4	2	2	3	3	2	0	3	1	3	6	0	4	3	3	3	3	0	3
	<b>Depth</b>	4.5	1.9	3.1	3.7	9.5	12.0	17.2	10.4	10.6	7.1	4.2	1.4	2.2	5.3	8.6	9.0	13.0	19	11.1
<b>EWM and other observations (see notes below)</b>								X	*				X				*	S	X	

Number in box = relative abundance

A=algae

T = turion

o = observed, but not on sample rake

X- no plants found

S- EWM Plants at surface

M - EWM forming mats on the surface

Abundance: 1= $\leq$  1/3 of the rake head, 2= $1/3 <$  Plants filling  $\leq$  2/3 of the rake head,  
3=Plants filling  $>$  2/3 of the rake head, 4=Plants over the top of the rake.

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Latin	Common	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57
Bidens beckii	Water Marigold			1													1			
Brasenia schreberi	Watershield							1												1
Ceratophyllum demersum	Coontail	2							3		4		1	3	3					
Chara sp.	Muskgrasses			1			1										3	1	2	
Eleocharis acicularis	needle spike-rush						1													
Elodea canadensis	Canada waterweed																			
Myriophyllum sibiricum	Northern watermilfoil																		1	
Myriophyllum spicatum	Eurasian watermilfoil		1										1			1				
Myriophyllum tenellum	Dwarf Milfoil																			
Najas flexilis	Bushy Pondweed			1													1	1		
Nymphaea sp.	White Water Lily																			
Potamogeton crispus	Curly-leaf Pondweed										1									
P. foliosus	Leafy Pondweed																			
Potamogeton sp.	pondweed, narrow leaf																			
P. gramineus	Variable Pondweed						2												1	
P. illnoensis	Illinois Pondweed	1		2				1	3	3	1			3	2		1			2
P. natans (Oakiensis?)	Floating-leaf Pondweed																			
P. praelongus	White-stem Pondweed								1											
P. richardsonii	Clasping-leaf Pondweed			1																
P. robbinsii	Robin's Pondweed	3	1	4							1	2			1		2	1		1
P. zosteriformis	Flat-stem Pondweed							1	1											1
Ranunculus longirustris	Stiff-water Crowfoot							1												
Sagittaria rigida	Arrowhead																			
Scirpus americanus	Threesquare																			
Scirpus validus	Softstem Bulrush																			
Typha latifolia	Common Cattail																			
Utricularia vulgaris	Common Bladderwort																			
Vallisneria americana	Wild Celery			1																
	Total plant species	3	2	7	0	0	3	4	4	2	4	0	2	2	3	1	5	5	1	4
	Total native species	3	1	7	0	0	3	4	4	2	3	0	1	2	3	0	5	5	1	4
	<b>Depth</b>	14	12.0	5.3			2.7	6.3	8.2	8.0	13.0	22.5	16.9	15.5	13.0	7.9	4.3	1.9	2.8	10.3
<b>EWM and other observations (see notes below)</b>				A	*	*						X								

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X- no plants found

S- EWM Plants at surface

M - EWM forming mats on the surface

Abundance: 1= $\leq$  1/3 of the rake head, 2= $1/3 <$  Plants filling  $\leq$  2/3 of the rake head,  
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Latin	Common	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	74	75	76	77
Bidens beckii	Water Marigold												1							
Brasenia schreberi	Watershield																			
Ceratophyllum demersum	Coontail	1	1	4				4						2	1	1				
Chara sp.	Muskgrasses									2		1								
Eleocharis acicularis	needle spike-rush																			
Elodea canadensis	Canada waterweed																			
Myriophyllum sibiricum	Northern watermilfoil									1			1							
Myriophyllum spicatum	Eurasian watermilfoil																			
Myriophyllum tenellum	Dwarf Milfoil											1								
Najas flexilis	Bushy Pondweed									1	1									
Nymphaea sp.	White Water Lily																			
Potamogeton crispus	Curly-leaf Pondweed							1												
P. foliosus	Leafy Pondweed																			
Potamogeton sp.	pondweed, narrow leaf																			
P. gramineus	Variable Pondweed										1									
P. illnoensis	Illinois Pondweed	1						1	1			1		1	2					
P. natans (Oakiensis?)	Floating-leaf Pondweed																			
P. praelongus	White-stem Pondweed																			
P. richardsonii	Clasping-leaf Pondweed		1																	
P. robbinsii	Robin's Pondweed	4		1				1						1	2					
P. zosteriformis	Flat-stem Pondweed	1	1											2						
Ranunculus longirustris	Stiff-water Crowfoot																			
Sagittaria rigida	Arrowhead																			
Scirpus americanus	Threesquare																			
Scirpus validus	Softstem Bulrush										o									
Typha latifolia	Common Cattail																			
Utricularia vulgaris	Common Bladderwort																			
Vallisneria americana	Wild Celery																			
	Total plant species	4	3	2	0	0	0	4	0	4	2	3	5	2	3	1	0	0	0	0
	Total native species	4	3	2	0	0	0	3	0	4	2	3	5	2	3	1	0	0	0	0
	<b>Depth</b>	8.4	7.9	13.1	23.5	23.0	19.2	11.1	18.0	4.8	1.9	3.0	9.9	9.8	10.5	18.2	24.9	22.3	20.8	19.0
<b>EWM and other observations (see notes below)</b>			*		X	X	X		X	*							X	X	X	X

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Latin	Common	78	79	80	81	82	83	84	88	90	92	93	94	95	96	97	102	103	105	106	
Bidens beckii	Water Marigold	1											1	1						o	
Brasenia schreberi	Watershield																			2	
Ceratophyllum demersum	Coontail					1					2							1		2	
Chara sp.	Muskgrasses		2	3									2							3	
Eleocharis acicularis	needle spike-rush											1									
Elodea canadensis	Canada waterweed		1																		
Myriophyllum sibiricum	Northern watermilfoil									1	1	1								1	
Myriophyllum spicatum	Eurasian watermilfoil	4			2	4					4			1				1	1		
Myriophyllum tenellum	Dwarf Milfoil											1									
Najas flexilis	Bushy Pondweed	1	1									1	1						1	2	
Nymphaea sp.	White Water Lily										50%										
Potamogeton crispus	Curly-leaf Pondweed																				
P. foliosus	Leafy Pondweed	1																			
Potamogeton sp.	pondweed, narrow leaf																			1	
P. gramineus	Variable Pondweed											1								1	
P. illnoensis	Illinois Pondweed		1							1				1					2	1	
P. natans (Oakiensis?)	Floating-leaf Pondweed																				
P. praelongus	White-stem Pondweed																				
P. richardsonii	Clasping-leaf Pondweed																				
P. robbinsii	Robin's Pondweed	2								3			1	2							
P. zosteriformis	Flat-stem Pondweed													2							
Ranunculus longirustris	Stiff-water Crowfoot																				
Sagittaria rigida	Arrowhead																				
Scirpus americanus	Threesquare												5%								
Scirpus validus	Softstem Bulrush											3%									
Typha latifolia	Common Cattail																				
Utricularia vulgaris	Common Bladderwort																				
Vallisneria americana	Wild Celery																				
	Total plant species	5	4	1	1	2	0	0	0	3	4	7	4	5	0	0	0	0	2	6	5
	Total native species	4	4	1	0	1	0	0	0	3	3	7	4	4	0	0	0	0	1	5	5
	<b>Depth</b>	5.4	2.4	3.7	10.2	11.4	18.5	22.9	20.5	6.1	1.0	1.2	4.7	8.1	16.1	22.9	21.5	15.9	2.9	1.2	
<b>EWM and other observations (see notes below)</b>		M	A			S	X	X	X		M				X	X	X				

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M - EWM forming mats on the surface

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Latin	Common	107	108	109	110	115	116	117	118	119	120	121	122	123	124	125	132	133	134	135
Bidens beckii	Water Marigold			1					1						1					
Brasenia schreberi	Watershield			1								1								
Ceratophyllum demersum	Coontail							1	1		2							2	1	
Chara sp.	Muskgrasses	1	3							1		1	2	2						3
Eleocharis acicularis	needle spike-rush																			
Elodea canadensis	Canada waterweed																			
Myriophyllum sibiricum	Northern watermilfoil			1								1								
Myriophyllum spicatum	Eurasian watermilfoil		1	3				1	1		2								1	1
Myriophyllum tenellum	Dwarf Milfoil	1										1								
Najas flexilis	Bushy Pondweed								1				1							2
Nymphaea sp.	White Water Lily																			
Potamogeton crispus	Curly-leaf Pondweed							1												
P. foliosus	Leafy Pondweed			1																1
Potamogeton sp.	pondweed, narrow leaf																			
P. gramineus	Variable Pondweed									2										1
P. illnoensis	Illinois Pondweed	1	1	2		1		4		1			1	1						1
P. natans (Oakiensis?)	Floating-leaf Pondweed																			
P. praelongus	White-stem Pondweed			1																
P. richardsonii	Clasping-leaf Pondweed								4						1	1				1
P. robbinsii	Robin's Pondweed		1			1		2	1						2			2	4	
P. zosteriformis	Flat-stem Pondweed		1												1			1		
Ranunculus longirustris	Stiff-water Crowfoot																			
Sagittaria rigida	Arrowhead																			
Scirpus americanus	Threesquare																			
Scirpus validus	Softstem Bulrush	3%										5%								
Typha latifolia	Common Cattail																			
Utricularia vulgaris	Common Bladderwort																			
Vallisneria americana	Wild Celery																			1
	Total plant species	4	5	7	0	2	0	5	6	3	2	5	3	2	4	1	0	3	5	6
	Total native species	4	4	6	0	2	0	3	5	3	1	5	3	2	4	1	0	3	4	5
	<b>Depth</b>	2.7	6.0	11.0	19.4	10.2	22.0	10.5	6.9	3.8	4.8	1.4	3.6	5.1	6.4	21.0	24	10.5	6.4	3.9
<b>EWM and other observations (see notes below)</b>				S	X		X		*					A	*	X	X			

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Latin	Common	136	137	138	139	140	144	146	148	149	150	151	152	153	154	155	156	158	159	160
Bidens beckii	Water Marigold												1		1					
Brasenia schreberi	Watershield																			
Ceratophyllum demersum	Coontail												1		1	3	1			4
Chara sp.	Muskgrasses	1	1	4								3		1						
Eleocharis acicularis	needle spike-rush																			
Elodea canadensis	Canada waterweed																			
Myriophyllum sibiricum	Northern watermilfoil									1	1	1								
Myriophyllum spicatum	Eurasian watermilfoil				2					1			1	o		1				2
Myriophyllum tenellum	Dwarf Milfoil																			
Najas flexilis	Bushy Pondweed	1		1									1							
Nymphaea sp.	White Water Lily																			
Potamogeton crispus	Curly-leaf Pondweed																			
P. foliosus	Leafy Pondweed												1							
Potamogeton sp.	pondweed, narrow leaf																			
P. gramineus	Variable Pondweed	1											1							
P. illnoensis	Illinois Pondweed			1						1					1					
P. natans (Oakiensis?)	Floating-leaf Pondweed																			
P. praelongus	White-stem Pondweed										2									
P. richardsonii	Clasping-leaf Pondweed											2	1		1					
P. robbinsii	Robin's Pondweed		1							1	1		1		2					
P. zosteriformis	Flat-stem Pondweed									1	4	1			1					
Ranunculus longirustris	Stiff-water Crowfoot																			
Sagittaria rigida	Arrowhead																			
Scirpus americanus	Threesquare																			
Scirpus validus	Softstem Bulrush		1																	
Typha latifolia	Common Cattail																			
Utricularia vulgaris	Common Bladderwort																			
Vallisneria americana	Wild Celery			1																
	Total plant species	3	3	4	1	0	0	0	0	5	4	4	8	1	6	2	1	0	0	2
	Total native species	3	3	4	0	0	0	0	0	4	4	4	7	1	6	1	1	0	0	1
	<b>Depth</b>	1.5	1.9	4.9	13.2	18.9	22.9	22.9	22.8	10.0	6.8	3.8	1.8	1.8	6.2	7.5	19.7	20.8	17.9	12.1
<b>EWM and other observations (see notes below)</b>			*		S	X	X	X	X						S			X	X	S

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X- no plants found

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Latin	Common	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	
Bidens beckii	Water Marigold								1							1					
Brasenia schreberi	Watershield							o													
Ceratophyllum demersum	Coontail	1	1						1					1	4					2	
Chara sp.	Muskgrasses							1		1	2										
Eleocharis acicularis	needle spike-rush								1												
Elodea canadensis	Canada waterweed																				
Myriophyllum sibiricum	Northern watermilfoil							1	2								1	1			
Myriophyllum spicatum	Eurasian watermilfoil	1		1	4		1		1		1	1		1	1				1	2	
Myriophyllum tenellum	Dwarf Milfoil										1										
Najas flexilis	Bushy Pondweed							3	1		1									1	
Nymphaea sp.	White Water Lily								o												
Potamogeton crispus	Curly-leaf Pondweed								1											1	
P. foliosus	Leafy Pondweed																			1	
Potamogeton sp.	pondweed, narrow leaf																				
P. gramineus	Variable Pondweed								1		1										
P. illnoensis	Illinois Pondweed					1		1	1		1	1				1	1	1	1		
P. natans (Oakiensis?)	Floating-leaf Pondweed																				
P. praelongus	White-stem Pondweed						2		1												
P. richardsonii	Clasping-leaf Pondweed								2												
P. robbinsii	Robin's Pondweed					1	4		1			3				2	3	2	2	2	
P. zosteriformis	Flat-stem Pondweed						1		1												
Ranunculus longirustris	Stiff-water Crowfoot																				
Sagittaria rigida	Arrowhead								o												
Scirpus americanus	Threesquare																				
Scirpus validus	Softstem Bulrush								o												
Typha latifolia	Common Cattail																				
Utricularia vulgaris	Common Bladderwort																				
Vallisneria americana	Wild Celery							1	1												
	Total plant species	2	1	1	1	2	4	5	14	2	5	3	0	2	2	3	3	3	3	5	4
	Total native species	1	1	0	0	2	3	5	12	2	4	2	0	1	1	3	3	3	4	2	
	<b>Depth</b>	18.2	17.7	14.0	12	10.2	5.9	3.8	1.5	1.1	4.6	9.7	17.2	18.6	12.5	11.4	9.9	11.8	15	15.8	
<b>EWM and other observations (see notes below)</b>			A	S	S				A,T	A			X								

Number in box = relative abundance

A=algae

T = turion

o = observed, but not on sample rake

X- no plants found

S- EWM Plants at surface

M - EWM forming mats on the surface

Abundance: 1= $\leq$  1/3 of the rake head, 2= $1/3 <$  Plants filling  $\leq$  2/3 of the rake head,  
3=Plants filling  $>$  2/3 of the rake head, 4=Plants over the top of the rake.



# Lake George Aquatic Plant Survey

August 2-3, 2006, Anoka County, Staff: Carolyn Dindorf and Roman Rowan

Latin	Common	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198
<i>Bidens beckii</i>	Water Marigold					1														
<i>Brasenia schreberi</i>	Watershield																			
<i>Ceratophyllum demersum</i>	Coontail		4								2			1						
<i>Chara</i> sp.	Muskgrasses				1		1	2												3
<i>Eleocharis acicularis</i>	needle spike-rush																			
<i>Elodea canadensis</i>	Canada waterweed				1															
<i>Myriophyllum sibiricum</i>	Northern watermilfoil					2														1
<i>Myriophyllum spicatum</i>	Eurasian watermilfoil		1			2			4	3										
<i>Myriophyllum tenellum</i>	Dwarf Milfoil						1													
<i>Najas flexilis</i>	Bushy Pondweed				4	1		1									1			1
<i>Nymphaea</i> sp.	White Water Lily																			
<i>Potamogeton crispus</i>	Curly-leaf Pondweed		1																	
<i>P. foliosus</i>	Leafy Pondweed				1															
<i>Potamogeton</i> sp.	pondweed, narrow leaf																			
<i>P. gramineus</i>	Variable Pondweed				1															
<i>P. illnoensis</i>	Illinois Pondweed	1		1	1	1		1		1			1	1		2	1	2		
<i>P. natans</i> (Oakiensis?)	Floating-leaf Pondweed																			
<i>P. praelongus</i>	White-stem Pondweed					2														
<i>P. richardsonii</i>	Clasping-leaf Pondweed			1	1															1
<i>P. robbinsii</i>	Robin's Pondweed	2		2	1	1				1		1	3	1	3	2	3	2	3	1
<i>P. zosteriformis</i>	Flat-stem Pondweed																			
<i>Ranunculus longirustris</i>	Stiff-water Crowfoot																			
<i>Sagittaria rigida</i>	Arrowhead					1														
<i>Scirpus americanus</i>	Threesquare					1														
<i>Scirpus validus</i>	Softstem Bulrush																			
<i>Typha latifolia</i>	Common Cattail																			
<i>Utricularia vulgaris</i>	Common Bladderwort																			
<i>Vallisneria americana</i>	Wild Celery					1														
	Total plant species	2	3	3	8	10	2	3	1	3	1	1	2	3	1	2	3	2	3	3
	Total native species	2	1	3	8	9	2	3	0	2	1	1	2	3	1	2	3	2	3	3
	<b>Depth</b>	11.2	10.8	6.0	3.3	1.6	1.9	5.3	12.2	12.5	10.9	8.7	9.2	8.8	8.7	9.0	8.8	8.8	5.0	2.4
<b>EWM and other observations (see notes below)</b>						M	A	A		S										

Number in box = relative abundance

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X- no plants found

S- EWM Plants at surface

M - EWM forming mats on the surface

Abundance: 1= $\leq$  1/3 of the rake head, 2=1/3 < Plants filling  $\leq$  2/3 of the rake head,  
3=Plants filling > 2/3 of the rake head, 4=Plants over the top of the rake.

# Lake George Aquatic Plant Survey

August 2-3, 2006, Anoka County, Staff: Carolyn Dindorf and Roman Rowan

Latin	Common	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217
Bidens beckii	Water Marigold																			1
Brasenia schreberi	Watershield																			
Ceratophyllum demersum	Coontail										2									
Chara sp.	Muskgrasses	1	1	1										3		1	1	1	2	
Eleocharis acicularis	needle spike-rush	1													1					
Elodea canadensis	Canada waterweed														1					
Myriophyllum sibiricum	Northern watermilfoil	1			1														1	
Myriophyllum spicatum	Eurasian watermilfoil	1			4										1					
Myriophyllum tenellum	Dwarf Milfoil	1	1	1												1	1			
Najas flexilis	Bushy Pondweed													1	2					
Nymphaea sp.	White Water Lily																			
Potamogeton crispus	Curly-leaf Pondweed										1									
P. foliosus	Leafy Pondweed			1	1															
Potamogeton sp.	pondweed, narrow leaf																		1	
P. gramineus	Variable Pondweed																			
P. illnoensis	Illinois Pondweed					2				1	2	1		1	1					
P. natans (Oakiensis?)	Floating-leaf Pondweed	1																		
P. praelongus	White-stem Pondweed							1												
P. richardsonii	Clasping-leaf Pondweed				1									2						
P. robbinsii	Robin's Pondweed				1	2	2	3	1	4	2	1	4							3
P. zosteriformis	Flat-stem Pondweed	1			1															
Ranunculus longirustris	Stiff-water Crowfoot																			
Sagittaria rigida	Arrowhead														1					
Scirpus americanus	Threesquare																			
Scirpus validus	Softstem Bulrush																			
Typha latifolia	Common Cattail																			
Utricularia vulgaris	Common Bladderwort																			
Vallisneria americana	Wild Celery				1										1					1
	Total plant species	7	2	3	7	2	1	2	1	2	4	2	1	4	7	2	2	2	3	2
	Total native species	6	2	3	6	2	1	2	1	2	3	2	1	4	6	2	2	2	3	2
	<b>Depth</b>	0.3	1.7	4.1	6.9	8.1	8.0	7.8	7.3	6.9	8.8	7.0	6	4.4	2.0	1.3	1.8	4.5	5.8	6.6
<b>EWM and other observations (see notes below)</b>					S							A			S			A		

Number in box = relative abundance

A=algae

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o = observed, but not on sample rake

X- no plants found

S- EWM Plants at surface

M - EWM forming mats on the surface

Abundance: 1= $\leq$  1/3 of the rake head, 2= $1/3 <$  Plants filling  $\leq$  2/3 of the rake head,  
3=Plants filling  $>$  2/3 of the rake head, 4=Plants over the top of the rake.

# Lake George Aquatic Plant Survey

August 2-3, 2006, Anoka County, Staff: Carolyn Dindorf and Roman Rowan

Latin	Common	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	lagoon 1
Bidens beckii	Water Marigold	1																	
Brasenia schreberi	Watershield																		o
Ceratophyllum demersum	Coontail		1	4	1									2					
Chara sp.	Muskgrasses						1	1	1	2	3	4			3		1		
Eleocharis acicularis	needle spike-rush										1								
Elodea canadensis	Canada waterweed						1								1				
Myriophyllum sibiricum	Northern watermilfoil	1															1	o	
Myriophyllum spicatum	Eurasian watermilfoil													1	1		1		
Myriophyllum tenellum	Dwarf Milfoil							1	1								1		
Najas flexilis	Bushy Pondweed						2								2	1	1	2	o
Nymphaea sp.	White Water Lily																		o
Potamogeton crispus	Curly-leaf Pondweed			1															
P. foliosus	Leafy Pondweed																		
Potamogeton sp.	pondweed, narrow leaf									1									
P. gramineus	Variable Pondweed		1							1					1				
P. illnoensis	Illinois Pondweed	1	1		1	1						1		1	1	1			
P. natans (Oakiensis?)	Floating-leaf Pondweed																		o
P. praelongus	White-stem Pondweed	1									1								
P. richardsonii	Clasping-leaf Pondweed													1				1	
P. robbinsii	Robin's Pondweed	3	3	1	3		1						3	3					
P. zosteriformis	Flat-stem Pondweed					1													o
Ranunculus longirustris	Stiff-water Crowfoot																		
Sagittaria rigida	Arrowhead																		o
Scirpus americanus	Threesquare																		
Scirpus validus	Softstem Bulrush																		
Typha latifolia	Common Cattail																		o
Utricularia vulgaris	Common Bladderwort																		o
Vallisneria americana	Wild Celery														1				
	Total plant species	5	4	3	3	2	4	2	2	3	3	2	1	5	7	2	5	2	9
	Total native species	5	4	2	3	2	4	2	2	3	3	2	1	4	6	2	4	2	9
	<b>Depth</b>	6.7	6.4	7.5	8.7	4.9	2.2	1.5	1.4	0.8	4.0	4.8	6.4	5.1	2.5	0.9	1.1	1.2	5.5
<b>EWM and other observations (see notes below)</b>				T										S					A

Number in box = relative abundance

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Abundance: 1= $\leq$  1/3 of the rake head, 2=1/3 < Plants filling  $\leq$  2/3 of the rake head,  
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# Lake George Aquatic Plant Survey

August 2-3, 2006, Anoka County, Staff: Carolyn Dindorf and Roman Rowan

Latin	Common	lagoon 2	# occur.	Rel. abund.	% occur.
<i>Bidens beckii</i>	Water Marigold		19	1.1	9.2
<i>Brasenia schreberi</i>	Watershield	o	5	1.2	2.4
<i>Ceratophyllum demersum</i>	Coontail	o	54	1.9	26.2
<i>Chara</i> sp.	Muskgrasses		59	1.8	28.6
<i>Eleocharis acicularis</i>	needle spike-rush		9	1.0	4.4
<i>Elodea canadensis</i>	Canada waterweed	o	5	1.0	2.4
<i>Myriophyllum sibiricum</i>	Northern watermilfoil		27	1.1	13.1
<i>Myriophyllum spicatum</i>	Eurasian watermilfoil	o	54	1.6	26.2
<i>Myriophyllum tenellum</i>	Dwarf Milfoil		18	1.0	8.7
<i>Najas flexilis</i>	Bushy Pondweed		47	1.4	22.8
<i>Nymphaea</i> sp.	White Water Lily	o	1	0.5	0.5
<i>Potamogeton crispus</i>	Curly-leaf Pondweed		8	1.0	3.9
<i>P. foliosus</i>	Leafy Pondweed		9	1.0	4.4
<i>Potamogeton</i> sp.	pondweed, narrow leaf		7	1.0	3.4
<i>P. gramineus</i>	Variable Pondweed		20	1.1	9.7
<i>P. illnoensis</i>	Illinois Pondweed		85	1.3	41.3
<i>P. natans</i> (Oakiensis?)	Floating-leaf Pondweed		1	1.0	0.5
<i>P. praelongus</i>	White-stem Pondweed		11	1.3	5.3
<i>P. richardsonii</i>	Clasping-leaf Pondweed		21	1.3	10.2
<i>P. robbinsii</i>	Robin's Pondweed		89	1.9	43.2
<i>P. zosteriformis</i>	Flat-stem Pondweed	o	26	1.3	12.6
<i>Ranunculus longirustris</i>	Stiff-water Crowfoot		1	1.0	0.5
<i>Sagittaria rigida</i>	Arrowhead	o	2	1.0	1.0
<i>Scirpus americanus</i>	Threesquare		2	0.5	1.0
<i>Scirpus validus</i>	Softstem Bulrush		4	0.3	1.9
<i>Typha latifolia</i>	Common Cattail		0		0.0
<i>Utricularia vulgaris</i>	Common Bladderwort		0		0.0
<i>Vallisneria americana</i>	Wild Celery	o	14	1.0	6.8
	Total plant species		8	207	
	Total native species		7	207	
	<b>Depth</b>		10		
<b>EWM and other observations (see notes below)</b>					

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M - EWM forming mats on the surface

Abundance: 1= $\leq$  1/3 of the rake head, 2= $1/3 <$  Plants filling  $\leq$  2/3 of the rake head,

3=Plants filling  $>$  2/3 of the rake head, 4=Plants over the top of the rake.