

*Follow this link to convert decimal degrees to degrees minutes seconds http://www.fcc.gov/mb/audio/bickel/DDDMSS-decimal.html						**Plant abundance is on scale of 1 – 5: 1 = present but rare (1 plant), 2 = occasional (a few plants), 3 = common (more than a few plants), 4 = abundant, 5 = extremely abundant or dominant																				
Date	Weather	Transect	Latitude*	Longitude	Meters from shore	Nymphaea odorata**	Cabomba carolinana	Potamogeton bicipulatus	Elodea canadensis	Potamogeton epihydrus	Utricularia purpurea	Nuphar variegata	Myriophyllum heterophyllum x laxum	Vallisneria americana	Eleocharis sp.	Potamogeton pulcher	Utricularia vulgaris	Utricularia gibba	Brasenia schreberi	Ceratophyllum echinatum	Potamogeton crispus	Potamogeton robbinsii	Potamogeton pusillus	Potamogeton natans	Utricularia radiata	Najas guadalupensis
7/27/2004	overcast	1	41.67418	-72.37608	0	4	4	2	3	2	4	2	2													
7/27/2004	overcast	1	41.67422	-72.37610	5	4	4	1		2	3		4	4	4	2										
7/27/2004	overcast	1	41.67426	-72.97614	10	3	4			3		3	3		3	1	3	1								
7/27/2004	overcast	1	41.67433	-72.37621	20	4	5					4						2	2							
7/27/2004	overcast	1	41.67433	-72.37621	30	4	5					4					2		4							
7/27/2004	overcast	1	41.67452	-72.37625	40	4	5					4					1	1	4							
7/27/2004	overcast	1	41.67460	-72.37629	50	4	5					2					2	2	3							
7/27/2004	overcast	1	41.67469	-72.37630	60	3	5					1														
7/27/2004	overcast	1	41.67479	-72.37631	70	4	5				2	2					1	2								
7/27/2004	overcast	1	41.67487	-72.37637	80	2	5					2							2							
7/27/2004	overcast	2	41.67501	-72.37778	0	3	4		2			3								4						
7/27/2004	overcast	2	41.67499	-72.37775	5		4		3			4														
7/27/2004	overcast	2	41.67501	-72.37766	10		5		2			2									1					
7/27/2004	overcast	2	41.67505	-72.37755	20	2	5		2	1	3	2							1							
7/27/2004	overcast	2	41.67505	-72.37743	30	2	5		2									2			2					
7/27/2004	overcast	2	41.67505	-72.37730	40	2	5					2						2								
7/27/2004	overcast	2	41.67503	-72.37718	50	4	5					2														
7/27/2004	overcast	2	41.67502	-72.37707	60	3	5				1	2				1		2								
7/27/2004	overcast	2	41.67503	-72.37694	70	4	4										3					3				
7/27/2004	overcast	2	41.67503	-72.37682	80		5				1	3						2	3							
7/27/2004	overcast	3	41.67612	-72.37809	0	2	5					4					2									
7/27/2004	overcast	3	41.67612	-72.37812	5	3	5					4					3	1	3							
7/27/2004	overcast	3	41.67613	-72.37804	10		5					4					1		3							
7/27/2004	overcast	3	41.67617	-72.37785	20		3					4						1	4							
7/27/2004	overcast	3	41.67618	-72.37774	30	4	2					2				2		1	4							
7/27/2004	overcast	3	41.67619	-72.37762	40		3					4	1						4							
7/27/2004	overcast	3	41.67618	-72.37749	50		3					4						2	4							



Date	Weather	Transect	Latitude*	Longitude	Meters from shore	Nymphaea odorata**	Cabomba carolinana	Potamogeton bicipulatus	Elodea canadensis	Potamogeton ephedrus	Utricularia purpurea	Nuphar variegata	Myriophyllum heterophyllum x laxum	Vallisneria americana	Eleocharis sp.	Potamogeton pulcher	Utricularia vulgaris	Utricularia gibba	Brasenia schreberi	Ceratophyllum echinatum	Potamogeton crispus	Potamogeton robbinsii	Potamogeton pusillus	Potamogeton natans	Utricularia radiata	Najas guadalupensis
7/27/2004	overcast	3	41.67617	-72.37737	60	4	4											1	2							
7/27/2004	overcast	3	41.67617	-72.37725	70	3	5				3	4				3		1								
7/27/2004	overcast	3	41.67617	-72.37713	80		3				3	2	2					2	4							
7/28/2004	rainy, overcast and cool	4	41.67910	-72.37722	0				3									3		4			3			
7/28/2004	rainy, overcast and cool	4	41.67910	-72.37711	5	2						4								4						
7/28/2004	rainy, overcast and cool	4	41.67915	-72.37712	10	2					3	4								2						
7/28/2004	rainy, overcast and cool	4	41.67919	-72.37701	20	3	2				2	3							3					3		
7/28/2004	rainy, overcast and cool	4	41.67925	-72.37692	30	2					3	4							3	2				3		
7/28/2004	rainy, overcast and cool	4	41.67919	-72.37682	40	4	2				3	3							3					2		
7/28/2004	rainy, overcast and cool	4	41.67938	-72.37674	50	4	2					3					4		2							
7/28/2004	rainy, overcast and cool	4	41.67942	-72.37663	60	4	2				3	3						2	4					2		
7/28/2004	rainy, overcast and cool	4	41.67947	-72.37654	70	3					2	4							4							



Date	Weather	Transect	Latitude*	Longitude	Meters from shore	Nymphaea odorata**	Cabomba carolinana	Potamogeton bicupulatus	Elodea canadensis	Potamogeton ephedrus	Utricularia purpurea	Nuphar variegata	Myriophyllum heterophyllum x laxum	Vallisneria americana	Eleocharis sp.	Potamogeton pulcher	Utricularia vulgaris	Utricularia gibba	Brasenia schreberi	Ceratophyllum echinatum	Potamogeton crispus	Potamogeton robbinsii	Potamogeton pusillus	Potamogeton natans	Utricularia radiata	Najas guadalupensis
7/28/2004	rainy, overcast and cool	4	41.67954	-72.37645	80	4	3				2	4							3							
7/28/2004	rainy, overcast and cool	5	41.68120	-72.37475	0	3	2				2	4							4							
7/28/2004	rainy, overcast and cool	5	41.68117	-72.37479	5	3	2				2	3							4							
7/28/2004	rainy, overcast and cool	5	41.68115	-72.37485	10	3					2	4							4							
7/28/2004	rainy, overcast and cool	5	41.68108	-72.37493	20	2						4							3					2		
7/28/2004	rainy, overcast and cool	5	41.68104	-72.37504	30	4					3	3							2							
7/28/2004	rainy, overcast and cool	5	41.68098	-72.37514	40	3						4							4					2		
7/28/2004	rainy, overcast and cool	5	41.68093	-72.37524	50	4					2	3							4							
7/28/2004	rainy, overcast and cool	5	41.68088	-72.37533	60	4					2								2							
7/28/2004	rainy, overcast and cool	5	41.68081	-72.37542	70	4					3	4							4							



Date	Weather	Transect	Latitude*	Longitude	Meters from shore	Nymphaea odorata**	Cabomba carolinana	Potamogeton bicipulatus	Elodea canadensis	Potamogeton ephedrus	Utricularia purpurea	Nuphar variegata	Myriophyllum heterophyllum x laxum	Vallisneria americana	Eleocharis sp.	Potamogeton pulcher	Utricularia vulgaris	Utricularia gibba	Brasenia schreberi	Ceratophyllum echinatum	Potamogeton crispus	Potamogeton robbinsii	Potamogeton pusillus	Potamogeton natans	Utricularia radiata	Najas guadalupensis
7/28/2004	rainy, overcast and cool	5	41.68076	-72.37552	80	3					4								4							
7/28/2004	rainy, overcast and cool	6	41.67929	-72.37351	0	3	4				4		2					2	4							
7/28/2004	rainy, overcast and cool	6	41.67926	-72.37357	5	3	3				1	4							4							
7/28/2004	rainy, overcast and cool	6	41.67924	-72.37363	10		3				4						2	1	3							
7/28/2004	rainy, overcast and cool	6	41.67921	-72.37373	20	2	4				2	4	2					3	4							
7/28/2004	rainy, overcast and cool	6	41.67919	-72.37386	30	2	3				4								4							
7/28/2004	rainy, overcast and cool	6	41.67915	-72.37397	40	2	4				1	4							4							
7/28/2004	rainy, overcast and cool	6	41.67912	-72.37408	50	2	4				3	4	1		3			1	4					2		
7/28/2004	rainy, overcast and cool	6	41.67909	-72.37419	60		4					4	2			2			4							
7/28/2004	rainy, overcast and cool	6	41.67906	-72.37431	70		4				2	4			2	3			4							



Date	Weather	Transect	Latitude*	Longitude	Meters from shore	Nymphaea odorata**	Cabomba carolinana	Potamogeton bicupulatus	Elodea canadensis	Potamogeton epihydrus	Utricularia purpurea	Nuphar variegata	Myriophyllum heterophyllum x laxum	Vallisneria americana	Eleocharis sp.	Potamogeton pulcher	Utricularia vulgaris	Utricularia gibba	Brasenia schreberi	Ceratophyllum echinatum	Potamogeton crispus	Potamogeton robbinsii	Potamogeton pusillus	Potamogeton natans	Utricularia radiata	Najas guadalupensis	
7/28/2004	rainy, overcast and cool	6	41.67903	-72.37442	80	2	4					3	2			2		2	4								
7/28/2004	rainy, overcast and cool	7	41.67668	-72.37273	0	2	4		1	2	2	2	1			2		3	2								
7/28/2004	rainy, overcast and cool	7	41.67670	-72.37278	5	3	4				3	3	3						4								
7/28/2004	rainy, overcast and cool	7	41.67671	-72.37284	10	2						3						1	4								
7/28/2004	rainy, overcast and cool	7	41.67673	-72.37296	20							4							4								
7/28/2004	rainy, overcast and cool	7	41.67674	-72.37308	30	4	4					2	3					1	4								
7/28/2004	rainy, overcast and cool	7	41.67678	-72.37319	40	4	5				2		2						3						1		
7/28/2004	rainy, overcast and cool	7	41.67681	-72.37331	50	2	5					2						2	4								
7/28/2004	rainy, overcast and cool	7	41.67682	-72.37343	60	2	5											2	4		1						
7/28/2004	rainy, overcast and cool	7	41.67681	-72.37355	70	3	5												3								



Date	Weather	Transect	Latitude*	Longitude	Meters from shore	Nymphaea odorata**	Cabomba carolinana	Potamogeton bicipulatus	Elodea canadensis	Potamogeton ephedrus	Utricularia purpurea	Nuphar variegata	Myriophyllum heterophyllum x laxum	Vallisneria americana	Eleocharis sp.	Potamogeton pulcher	Utricularia vulgaris	Utricularia gibba	Brasenia schreberi	Ceratophyllum echinatum	Potamogeton crispus	Potamogeton robbinsii	Potamogeton pusillus	Potamogeton natans	Utricularia radiata	Najas guadalupensis
7/28/2004	rainy, overcast and cool	7	41.67686	-72.37367	80	4	5					2					1		2						1	
7/28/2004	rainy, overcast and cool	8	41.67548	-72.37410	0	2	4			2			2	2		2		1	2							2
7/28/2004	rainy, overcast and cool	8	41.67548	-72.37416	5	2	5			2		3					2									
7/28/2004	rainy, overcast and cool	8	41.67550	-72.37422	10		5					2							3							
7/28/2004	rainy, overcast and cool	8	41.67554	-72.37433	20		3			2		3			2											4
7/28/2004	rainy, overcast and cool	8	41.67561	-72.37443	30		5					3							2	3						
7/28/2004	rainy, overcast and cool	8	41.67564	-72.37453	40	4	3										3	2								
7/28/2004	rainy, overcast and cool	8	41.67571	-72.37462	50	4	5									2	3									
7/28/2004	rainy, overcast and cool	8	41.67577	-72.37470	60	2	5																			
7/28/2004	rainy, overcast and cool	8	41.67580	-72.37482	70	3	4										2	2								



Date	Weather	Transect	Latitude*	Longitude	Meters from shore	Nymphaea odorata**	Cabomba carolinana	Potamogeton bicupulatus	Elodea canadensis	Potamogeton ephedrus	Utricularia purpurea	Nuphar variegata	Myriophyllum heterophyllum x laxum	Vallisneria americana	Eleocharis sp.	Potamogeton pulcher	Utricularia vulgaris	Utricularia gibba	Brasenia schreberi	Ceratophyllum echinatum	Potamogeton crispus	Potamogeton robbinsii	Potamogeton pusillus	Potamogeton natans	Utricularia radiata	Najas guadalupensis
7/28/2004	rainy, overcast and cool	8	41.67585	-72.37493	80	3	5																			
7/28/2004	rainy, overcast and cool	9	41.67339	-72.37468	0		4		1		2					1										2
7/28/2004	rainy, overcast and cool	9	41.67348	-72.37469	5		4																			
7/28/2004	rainy, overcast and cool	9	41.67350	-72.37465	10	2	5																			
7/28/2004	rainy, overcast and cool	9	41.67357	-72.37466	20		5																			
7/28/2004	rainy, overcast and cool	9	41.67366	-72.37463	30		5																			
7/28/2004	rainy, overcast and cool	9	41.67374	-72.37454	40	3	4											1								
7/28/2004	rainy, overcast and cool	9	41.67382	-72.37451	50		5																			
7/28/2004	rainy, overcast and cool	9	41.67389	-72.37444	60		5																			
7/28/2004	rainy, overcast and cool	9	41.67399	-72.37444	70	3	5					3						2								



Date	Weather	Transect	Latitude*	Longitude	Meters from shore	Nymphaea odorata**	Cabomba carolinana	Potamogeton bicupulatus	Elodea canadensis	Potamogeton ephedrus	Utricularia purpurea	Nuphar variegata	Myriophyllum heterophyllum x laxum	Vallisneria americana	Eleocharis sp.	Potamogeton pulcher	Utricularia vulgaris	Utricularia gibba	Brasenia schreberi	Ceratophyllum echinatum	Potamogeton crispus	Potamogeton robbinsii	Potamogeton pusillus	Potamogeton natans	Utricularia radiata	Najas guadalupensis	
7/28/2004	rainy, overcast and cool	9	41.67409	-72.37447	80		4				2			3	3			2					2				

