

\*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

\*\*Follow this link to convert decimal degrees to degrees minutes seconds <http://www.fcc.gov/mb/audio/bickel/DDDMSS-decimal.html>

Surveyor	Depth (m)	Substrate	Weather	Wind Direction	Transect	Points	Meters from Shore	Potamogeton spirillus*	Ceratophyllum demersum	Potamogeton epihydrus	Potamogeton crispus	Utricularia gibba	Potamogeton amplifolius	Najas guadalupensis	Utricularia vulgaris	Elodea canadensis	Utricularia intermedia	Nymphaea odorata	Nuphar variegata	Brasenia schreberi	Lemna minor	Sparganium sp.	Vallisneria americana	Date	Latitude**	Longitude	
Robert Capers	0.4	Silt	Coudy	South	1	0	0	2	2	0	0	4	2	0	3	0	0	4	0	0	0	0	0	0	7/5/2005	41.66728	-73.20905
Robert Capers	1	Silt	Coudy		1	1	5	4	4	0	0	3	2	0	0	0	0	0	2	4	0	0	0	0	7/5/2005	41.66725	-73.20903
Robert Capers	0				1	2	10	0	4	0	0	4	0	0	0	4	0	3	0	0	0	0	0	0	7/5/2005	41.66719	-73.20904
Robert Capers	1	Silt			1	3	20	0	0	0	0	2	2	0	0	0	0	0	3	0	0	0	0	0	7/5/2005	41.66710	-73.20904
Robert Capers	1	Silt			1	4	30	0	4	0	0	4	2	0	2	2	0	0	3	2	0	0	0	0	7/5/2005	41.66701	-73.20900
Robert Capers	1	Silt			1	5	40	2	4	0	0	3	0	0	0	0	0	3	0	0	0	0	0	0	7/5/2005	41.66696	-73.20911
Robert Capers	1	Silt			1	6	50	0	4	0	0	4	1	0	0	0	0	0	1	2	0	0	0	0	7/5/2005	41.66681	-73.20906
Robert Capers	0				1	7	60	0	2	0	0	4	2	5	0	4	0	2	0	3	0	0	0	0	7/5/2005	41.66671	-73.20903
Robert Capers	1	Silt			1	8	70	0	0	0	2	4	2	0	2	4	0	0	2	0	0	0	0	0	7/5/2005	41.66663	-73.20909
Robert Capers	1.2	Silt			1	9	80	0	0	0	2	0	0	3	0	0	0	0	2	2	0	0	0	0	7/5/2005	41.66655	-73.20913
Robert Capers	0.1	Silt	Light rain		2	10	0	3	2	0	3	2	2	2	3	1	1	0	0	0	0	0	0	0	7/6/2005	41.66393	-73.20995
Robert Capers	1.9	Silt			2	4	20	3	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.66399	-73.20969
Robert Capers	2	Silt			2	5	30	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.66401	-73.20955



Surveyor	Depth (m)	Substrate	Weather	Wind Direction	Transect	Points	Meters from Shore	Potamogeton spirillus*	Ceratophyllum demersum	Potamogeton epiphydrus	Potamogeton crispus	Utricularia gibba	Potamogeton amplifolius	Najas guadalupensis	Utricularia vulgaris	Elodea canadensis	Utricularia intermedia	Nymphaea odorata	Nuphar variegata	Brasenia schreberi	Lemna minor	Sparganium sp.	Vallisneria americana	Date	Latitude**	Longitude	
Robert Capers	0		Coudy	North	2	6	40	0	3	0	0	1	0	5	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.66401	-73.20944
Robert Capers	2.1	Silt	Coudy	North	2	7	50	0	3	0	0	0	2	4	0	0	0	2	0	0	0	0	0	0	7/6/2005	41.66402	-73.20932
Robert Capers	2.4	Silt	Coudy		2	8	60	0	0	0	3	0	0	3	0	0	0	3	0	0	0	0	0	0	7/6/2005	41.66404	-73.20921
Robert Capers	2.2	Silt	Coudy		2	9	70	0	3	0	3	0	0	4	0	0	0	2	0	0	0	0	0	0	7/6/2005	41.66408	-73.20911
Robert Capers	2.2	Silt	Coudy	North	2	10	80	0	3	0	0	2	0	5	0	0	0	2	0	0	0	0	0	0	7/6/2005	41.66410	-73.20898
Robert Capers	0.3	Silt	Coudy		3	1	0	0	2	0	0	2	0	0	2	3	0	5	0	0	0	0	0	0	7/6/2005	41.66566	-73.20746
Robert Capers	0.7	Silt	Coudy		3	2	5	2	2	0	0	0	0	0	0	2	0	5	0	0	0	0	0	0	7/6/2005	41.66565	-73.20752
Robert Capers	1.9	Silt	partially sunny		3	3	10	0	0	0	0	0	3	0	1	4	0	3	0	5	0	0	0	0	7/6/2005	41.66565	-73.20759
Robert Capers	2.2		partially sunny		3	4	20	0	4	0	0	4	5	0	3	3	0	2	0	0	0	0	0	0	7/6/2005	41.66562	-73.20771
Robert Capers	2.2	Silt	partially sunny		3	5	30	0	2	0	0	4	5	0	2	0	0	2	0	0	0	0	0	0	7/6/2005	41.66558	-73.20783
Robert Capers	2.5	Silt	Coudy		3	6	40	0	3	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.66562	-73.20796
Robert Capers	2.5	Silt	Coudy		3	7	50	0	3	0	3	4	5	0	0	0	0	2	0	0	0	0	0	0	7/6/2005	41.66555	-73.20808
Robert Capers	2	Silt	partially sunny		3	8	60	0	3	0	0	4	5	0	2	0	0	0	0	0	0	0	0	0	7/6/2005	41.66558	-73.20821
Robert Capers	2	Silt	Coudy		3	9	70	0	4	0	0	3	5	0	0	2	0	0	2	0	0	0	0	0	7/6/2005	41.66556	-73.20833
Robert Capers	1.9	Silt	Coudy		3	10	80	0	4	0	0	4	5	0	0	0	0	2	2	0	0	0	0	0	7/6/2005	41.66559	-73.20844



Surveyor	Depth (m)	Substrate	Weather	Wind Direction	Transect	Points	Meters from Shore	Potamogeton spirillus*	Ceratophyllum demersum	Potamogeton epiphydrus	Potamogeton crispus	Utricularia gibba	Potamogeton amplifolius	Najas guadalupensis	Utricularia vulgaris	Elodea canadensis	Utricularia intermedia	Nymphaea odorata	Nuphar variegata	Brasenia schreberi	Lemna minor	Sparganium sp.	Vallisneria americana	Date	Latitude**	Longitude
Robert Capers	0.33	Silt	Coudy		4	1	0	0	3	0	3	3	0	3	3	1	0	2	0	0	0	2	4	7/6/2005	41.66287	-73.20708
Robert Capers	1.7	Silt	partially sunny		4	2	5	2	0	0	3	0	0	4	0	3	0	0	0	0	0	0	0	7/6/2005	41.66284	-73.20713
Robert Capers	1.9	Silt	partially sunny		4	3	10	0	0	0	3	0	2	4	0	0	0	0	0	0	0	0	0	7/6/2005	41.66282	-73.20719
Robert Capers	2	Silt	partially sunny	South	4	4	20	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	7/6/2005	41.66283	-73.20732
Robert Capers	2.1	Silt	partially sunny		4	5	30	0	4	0	0	0	0	5	0	0	0	0	0	0	0	0	0	7/6/2005	41.66283	-73.20742
Robert Capers	2.1				4	6	40	0	3	0	2	0	0	5	0	0	0	0	0	0	0	0	0	7/6/2005	41.66278	-73.20755
Robert Capers	2.1	Silt	partially sunny		4	7	50	0	4	0	0	0	0	4	0	0	0	1	0	0	0	0	0	7/6/2005	41.66278	-73.20770
Robert Capers	2.2	Silt	partially sunny	Southwest	4	8	60	0	3	0	0	0	0	5	0	0	0	0	0	0	0	0	0	7/6/2005	41.66276	-73.20783
Robert Capers	2.2	Silt	partially sunny		4	9	70	0	4	0	3	0	0	5	0	0	0	2	0	0	0	0	0	7/6/2005	41.66274	-73.20793
Robert Capers	2.2	Silt	partially sunny	South	4	10	80	0	4	0	0	0	0	5	0	0	0	2	0	0	0	0	0	7/6/2005	41.66274	-73.20802
Robert Capers	0.2	Silt	partially sunny		5	1	0	0	2	0	2	4	2	2	2	2	0	3	0	0	0	0	0	7/6/2005	41.65908	-73.20614
Robert Capers	0.3	Silt	partially sunny	West	5	2	5	2	0	0	2	0	3	0	0	0	0	3	0	0	0	0	0	7/6/2005	41.65909	-73.20617
Robert Capers	1.9	Silt	partially sunny	Southwest	5	3	10	2	2	0	2	0	0	2	0	2	0	0	0	0	0	0	0	7/6/2005	41.65909	-73.20630
Robert Capers	2	Silt	partially sunny	South	5	4	20	0	0	0	2	0	2	4	0	0	0	0	0	0	0	0	0	7/6/2005	41.65907	-73.20643
Robert Capers	2.7	Silt	sunny	Southwest	5	5	30	0	0	0	0	0	5	3	0	0	0	0	0	0	0	0	0	7/6/2005	41.65905	-73.20653



Surveyor	Depth (m)	Substrate	Weather	Wind Direction	Transect	Points	Meters from Shore	Potamogeton spirillus*	Ceratophyllum demersum	Potamogeton epiphydrus	Potamogeton crispus	Utricularia gibba	Potamogeton amplifolius	Najas guadalupensis	Utricularia vulgaris	Elodea canadensis	Utricularia intermedia	Nymphaea odorata	Nuphar variegata	Brasenia schreberi	Lemna minor	Sparganium sp.	Vallisneria americana	Date	Latitude**	Longitude	
Robert Capers	2.5		sunny	South	5	6	40	0	0	0	0	0	4	5	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65903	-73.20665
Robert Capers	3	Silt	sunny	South	5	7	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65899	-73.20675
Robert Capers	2.2	Silt	sunny		5	8	60	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65893	-73.20690
Robert Capers	2.2		sunny		5	9	70	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65890	-73.20700
Robert Capers	2.3		sunny	West	5	10	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65889	-73.20709
Robert Capers	0.3	Silt	Coudy		6	1	0	2	0	0	0	4	2	0	2	0	0	2	0	4	0	2	0	0	7/6/2005	41.65632	-73.20629
Robert Capers	0.3	Silt	Coudy	North	6	2	5	0	2	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	7/6/2005	41.65632	-73.20635
Robert Capers	0.7	Silt	Coudy		6	3	10	0	0	0	2	0	0	0	0	2	1	0	0	5	0	0	0	0	7/6/2005	41.65631	-73.20641
Robert Capers	2	Silt	Coudy	Northeast	6	4	20	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65629	-73.20655
Robert Capers	2.3	Silt	Coudy	East	6	5	30	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65628	-73.20669
Robert Capers	2.5	Silt	Coudy		6	6	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65628	-73.20679
Robert Capers	27	Silt	Coudy	East	6	7	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65629	-73.20693
Robert Capers	2.7	Silt	Coudy	Northeast	6	8	60	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65630	-73.20703
Robert Capers	2.6	Silt	Coudy	East	6	9	70	2	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65627	-73.20718
Robert Capers	2.2	Silt	Coudy	North	6	10	80	0	0	0	4	0	0	2	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65616	-73.20717



Surveyor	Depth (m)	Substrate	Weather	Wind Direction	Transect	Points	Meters from Shore	Potamogeton spirillus*	Ceratophyllum demersum	Potamogeton epiphydrus	Potamogeton crispus	Utricularia gibba	Potamogeton amplifolius	Najas guadalupensis	Utricularia vulgaris	Elodea canadensis	Utricularia intermedia	Nymphaea odorata	Nuphar variegata	Brasenia schreberi	Lemna minor	Sparganium sp.	Vallisneria americana	Date	Latitude**	Longitude
Robert Capers	0.3	Gravel	Light rain		7	1	0	0	3	0	0	0	0	0	0	0	0	0	0	2	0	0	0	7/6/2005	41.65121	-73.20681
Robert Capers	1	Silt	Light rain		7	2	5	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65121	-73.20688
Robert Capers	1.5	Silt	rain		1	3	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65119	-73.20694
Robert Capers	2	Silt	rain		7	4	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65119	-73.20709
Robert Capers	2	Silt	rain		7	5	30	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	7/6/2005	41.65118	-73.20721
Robert Capers	2.1	Silt	rain		7	6	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65119	-73.20735
Robert Capers	2.3	Silt	rain		7	7	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65120	-73.20735
Robert Capers	2.2	Silt	rain		7	8	60	0	2	0	2	0	0	0	0	0	0	0	1	0	0	0	0	7/6/2005	41.65103	-73.20747
Robert Capers	2.2				7	9	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65112	-73.20763
Robert Capers	2.2	Silt	rain		7	10	80	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65115	-73.20780
Robert Capers	0.3	Gravel	rain		8	1	0	0	0	2	0	0	0	0	0	0	0	5	0	2	2	0	0	7/6/2005	41.64881	-73.20676
Robert Capers	0.4				8	2	5	0	4	0	0	2	0	0	0	0	0	5	0	0	2	0	0	7/6/2005	41.64886	-73.20679
Robert Capers	0.4	Silt			8	3	10	0	4	0	0	0	3	0	0	0	0	5	0	0	3	0	0	7/6/2005	41.64891	-73.20678
Robert Capers	1	Silt	rain		8	4	20	0	4	0	0	0	0	0	0	0	0	4	2	4	0	0	0	7/6/2005	41.64902	-73.20682
Robert Capers	1.5	Silt			8	5	30	0	0	0	0	0	4	0	0	0	0	4	2	4	0	0	0	7/6/2005	41.64909	-73.20688



Surveyor	Depth (m)	Substrate	Weather	Wind Direction	Transect	Points	Meters from Shore	Potamogeton spirillus*	Ceratophyllum demersum	Potamogeton epiphydrus	Potamogeton crispus	Utricularia gibba	Potamogeton amplifolius	Najas guadalupensis	Utricularia vulgaris	Elodea canadensis	Utricularia intermedia	Nymphaea odorata	Nuphar variegata	Brasenia schreberi	Lemna minor	Sparganium sp.	Vallisneria americana	Date	Latitude**	Longitude
Robert Capers	1.7				8	6	40	0	4	0	0	0	4	0	0	0	0	4	2	0	0	0	0	7/6/2005	41.64918	-73.20693
Robert Capers	1.8				8	7	50	0	0	0	0	0	4	0	0	0	0	4	2	0	0	0	0	7/6/2005	41.64925	-73.20699
Robert Capers	2	rain			8	8	60	0	0	0	0	1	4	0	0	0	0	3	3	0	0	0	0	7/6/2005	41.64933	-73.20701
Robert Capers	2	rain			1	9	70	0	0	0	0	0	5	0	0	0	0	2	1	0	0	0	0	7/6/2005	41.64943	-73.20706
Robert Capers	2				8	10	80	0	0	0	0	0	4	0	0	0	0	3	4	0	0	0	0	7/6/2005	41.64953	-73.20703
Robert Capers	1	Rock	rain		9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65370	-73.21057
Robert Capers	2.8	Silt	rain		9	2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65373	-73.21053
Robert Capers	3	Silt	rain		9	3	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65376	-73.21044
Robert Capers	3	Silt	rain	North	9	4	20	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65369	-73.21028
Robert Capers	3	Silt	rain	North	9	5	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65379	-73.21021
Robert Capers	3	Silt	rain	East	9	6	40	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65378	-73.21008
Robert Capers	3	Silt	rain		9	7	50	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65384	-73.21002
Robert Capers	3	Silt	rain	East	9	8	60	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65376	-73.20982
Robert Capers	2.6	Silt	rain		9	9	70	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65390	-73.20978
Robert Capers	2.5	Silt	rain		9	10	80	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65396	-73.20963



Surveyor	Depth (m)	Substrate	Weather	Wind Direction	Transect	Points	Meters from Shore	Potamogeton spirillus*	Ceratophyllum demersum	Potamogeton epiphydrus	Potamogeton crispus	Utricularia gibba	Potamogeton amplifolius	Najas guadalupensis	Utricularia vulgaris	Elodea canadensis	Utricularia intermedia	Nymphaea odorata	Nuphar variegata	Brasenia schreberi	Lemna minor	Sparganium sp.	Vallisneria americana	Date	Latitude**	Longitude	
Robert Capers	0.3	Silt	rain		10	1	0	0	1	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	7/6/2005	41.65731	-73.20850
Robert Capers	0.6	Sand	rain		10	2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65730	-73.20843
Robert Capers	1.1	Silt			10	3	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65731	-73.20836
Robert Capers	1.9		rain		10	4	20	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65732	-73.20825
Robert Capers	2.2		rain		10	5	30	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65726	-73.20813
Robert Capers	2.3	Silt	rain		10	6	40	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65731	-73.20801
Robert Capers	2.3	Silt	rain		10	7	50	0	2	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65733	-73.20791
Robert Capers	2.5	Silt	Light rain	Northeast	10	8	60	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65737	-73.20776
Robert Capers	2.5	Silt	Light rain		10	9	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65736	-73.20763
Robert Capers	2.5	Silt	Light rain		10	10	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.65737	-73.20752
Robert Capers	0.6	Gravel	Light rain		11	1	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.66112	-73.20822
Robert Capers	2	Silt	Light rain		11	2	5	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.66113	-73.20816
Robert Capers	2.1	Silt	Light rain		11	3	10	2	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	7/6/2005	41.66115	-73.20810
Robert Capers	2.1	Silt	Light rain		11	4	20	0	0	0	0	0	0	3	0	4	0	0	0	0	0	0	0	0	7/6/2005	41.66119	-73.20797
Robert Capers	2.2	Silt	Light rain		11	5	30	0	0	0	0	0	2	4	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.66120	-73.20788



Surveyor	Depth (m)	Substrate	Weather	Wind Direction	Transect	Points	Meters from Shore	Potamogeton spirillus*	Ceratophyllum demersum	Potamogeton epihydrus	Potamogeton crispus	Utricularia gibba	Potamogeton amplifolius	Najas guadalupensis	Utricularia vulgaris	Elodea canadensis	Utricularia intermedia	Nymphaea odorata	Nuphar variegata	Brasenia schreberi	Lemna minor	Sparganium sp.	Vallisneria americana	Date	Latitude**	Longitude	
Robert Capers	2.2	Silt	Light rain	Southeast	11	6	40	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.66123	-73.20774
Robert Capers	2.3	Silt	Light rain		11	7	50	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.66131	-73.20769
Robert Capers	2.5	Silt	partially sunny	Southeast	11	8	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.66131	-73.20751
Robert Capers	2.5	Silt	partially sunny	South	11	9	70	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.66137	-73.20750
Robert Capers	2.4	Silt	partially sunny		11	10	80	0	3	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	7/6/2005	41.66134	-73.20727

