

Plant abundance is on a scale of 1 to 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/DDMMSS-decimal.html										
Surveyor	Depth (m)	Substrate	Transect	Point	Distance from shore (m)	Notes	<i>Elodea nuttallii</i>	<i>Ludwigia species</i>	<i>Myriophyllum spicatum</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton foliosus</i>	<i>Sagittaria species</i>	<i>Spirodela polyrhiza</i>	Date	Latitude	Longitude
Sara Benson	0.20	Sand	1	1	0.5		2	0	2	0	0	0	0	6/25/2014	41.41425	-73.34035
Sara Benson	0.50	Sand	1	2	5		3	0	2	0	0	0	0	6/25/2014	41.41424	-73.34028
Sara Benson	1.50	Muck	1	3	10		3	0	4	0	0	0	0	6/25/2014	41.41420	-73.34020
Sara Benson	2.20	Muck	1	4	20		0	0	3	0	0	0	0	6/25/2014	41.41420	-73.34012
Sara Benson	2.70	Muck	1	5	30	nothing	0	0	0	0	0	0	0	6/25/2014	41.41417	-73.33996
Sara Benson	3.10	Muck	1	6	40	nothing	0	0	0	0	0	0	0	6/25/2014	41.41414	-73.33986
Sara Benson	3.70	Muck	1	7	50	nothing	0	0	0	0	0	0	0	6/25/2014	41.41409	-73.33973
Sara Benson	3.20	Muck	1	8	60	nothing	0	0	0	0	0	0	0	6/25/2014	41.41411	-73.33962
Sara Benson	5.50	Muck	1	9	70	nothing	0	0	0	0	0	0	0	6/25/2014	41.41408	-73.33949
Sara Benson	6.40	Muck	1	10	80	nothing	0	0	0	0	0	0	0	6/25/2014	41.41404	-73.33937
Sara Benson	0.20	Sand	2	1	0.5		1	0	0	0	0	0	0	6/25/2014	41.41523	-73.33958
Sara Benson	1.20	Sand	2	2	5		3	0	2	0	0	0	0	6/25/2014	41.41519	-73.33953
Sara Benson	1.50	Muck	2	3	10		2	0	4	0	0	0	0	6/25/2014	41.41516	-73.33947
Sara Benson	2.00	Muck	2	4	20		1	0	1	0	0	0	0	6/25/2014	41.41511	-73.33938
Sara Benson	2.00	Muck	2	5	30	algae	0	0	3	0	0	0	0	6/25/2014	41.41508	-73.33926
Sara Benson	2.50	Muck	2	6	40		0	0	2	0	0	0	0	6/25/2014	41.41503	-73.33917
Sara Benson	3.00	Muck	2	7	50		0	0	1	0	0	0	0	6/25/2014	41.41498	-73.33903
Sara Benson	3.50	Muck	2	8	60	nothing	0	0	0	0	0	0	0	6/25/2014	41.41492	-73.33896
Sara Benson	4.10	Muck	2	9	70	nothing	0	0	0	0	0	0	0	6/25/2014	41.41485	-73.33888
Sara Benson	5.20	Muck	2	10	80	nothing	0	0	0	0	0	0	0	6/25/2014	41.41479	-73.33876
Sara Benson	0.20	Gravel	3	1	0.5	fallen tree	1	0	1	0	0	0	0	6/25/2014	41.41505	-73.33681
Sara Benson	1.20	Muck	3	2	5		3	0	1	0	0	0	0	6/25/2014	41.41502	-73.33687
Sara Benson	1.20	Muck	3	3	10		1	0	3	0	0	0	0	6/25/2014	41.41496	-73.33691



Surveyor	Depth (m)	Substrate	Transect	Point	Distance from shore (m)	Notes	<i>Elodea nuttallii</i>	<i>Ludwigia</i> species	<i>Myriophyllum spicatum</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton foliosus</i>	<i>Sagittaria</i> species	<i>Spirodela polyrhiza</i>	Date	Latitude	Longitude
Sara Benson	1.90	Muck	3	4	20		1	0	1	0	0	0	0	6/25/2014	41.41489	-73.33697
Sara Benson	4.80	Muck	3	5	30	nothing	0	0	0	0	0	0	0	6/25/2014	41.41481	-73.33702
Sara Benson	0.20	Gravel	4	1	0.5	nothing	0	0	0	0	0	0	0	6/25/2014	41.41275	-73.33304
Sara Benson	1.00	Gravel	4	2	5		0	0	1	0	0	0	0	6/25/2014	41.41271	-73.33306
Sara Benson	1.50	Gravel	4	3	10		0	0	3	0	0	0	0	6/25/2014	41.41266	-73.33311
Sara Benson	1.90	Sand	4	4	20		1	0	5	0	0	0	0	6/25/2014	41.41262	-73.33317
Sara Benson	3.70	Sand	4	5	30	nothing	0	0	0	0	0	0	0	6/25/2014	41.41251	-73.33319
Sara Benson	6.30	Sand	4	6	40	nothing	0	0	0	0	0	0	0	6/25/2014	41.41245	-73.33328
Sara Benson	0.20	Organic	5	1	0.5		1	0	0	0	2	0	0	6/25/2014	41.41211	-73.33051
Sara Benson	0.20	Organic	5	2	5		1	0	1	0	0	0	0	6/25/2014	41.41208	-73.33057
Sara Benson	0.80	Muck	5	3	10		2	0	2	0	0	0	0	6/25/2014	41.41204	-73.33060
Sara Benson	1.20	Muck	5	4	20		2	0	3	0	0	0	0	6/25/2014	41.41200	-73.33071
Sara Benson	1.60	Muck	5	5	30		1	0	5	0	0	0	0	6/25/2014	41.41190	-73.33079
Sara Benson	1.90	Muck	5	6	40		1	0	5	0	0	0	0	6/25/2014	41.41183	-73.33085
Sara Benson	2.10	Muck	5	7	50		0	0	3	0	0	0	0	6/25/2014	41.41174	-73.33093
Sara Benson	3.30	Muck	5	8	60	nothing	0	0	0	0	0	0	0	6/25/2014	41.41166	-73.33088
Sara Benson	6.40	Muck	5	9	70	nothing	0	0	0	0	0	0	0	6/25/2014	41.41151	-73.33090
Sara Benson	6.70	Muck	5	10	80	nothing	0	0	0	0	0	0	0	6/25/2014	41.41143	-73.33095
Sara Benson	0.20	Organic	6	1	0.5	sag gra	4	1	2	0	2	1	0	6/25/2014	41.40989	-73.32843
Sara Benson	0.50	Muck	6	2	5		3	0	2	0	0	0	0	6/25/2014	41.40984	-73.32846
Sara Benson	1.20	Muck	6	3	10		1	0	3	0	0	0	0	6/25/2014	41.40981	-73.32854
Sara Benson	2.30	Muck	6	4	20		0	0	2	0	0	0	0	6/25/2014	41.40973	-73.32857
Sara Benson	4.60	Muck	6	5	30	nothing	0	0	0	0	0	0	0	6/25/2014	41.40965	-73.32865
Sara Benson	0.20	Gravel	7	1	0.5		0	0	0	0	0	0	1	6/25/2014	41.40833	-73.32740
Sara Benson	0.70	Muck	7	2	5		1	0	0	0	0	0	0	6/25/2014	41.40835	-73.32745
Sara Benson	1.20	Organic	7	3	10		1	0	3	0	0	0	0	6/25/2014	41.40837	-73.32753



Surveyor	Depth (m)	Substrate	Transect	Point	Distance from shore (m)	Notes	<i>Elodea nuttallii</i>	<i>Ludwigia</i> species	<i>Myriophyllum spicatum</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton foliosus</i>	<i>Sagittaria</i> species	<i>Spirodela polyrhiza</i>	Date	Latitude	Longitude
Sara Benson	1.70	Muck	7	4	20		2	0	5	0	0	0	0	6/25/2014	41.40841	-73.32764
Sara Benson	1.90	Muck	7	5	30		0	0	5	0	0	0	0	6/25/2014	41.40843	-73.32776
Sara Benson	1.90	Muck	7	6	40		0	0	5	0	0	0	0	6/25/2014	41.40846	-73.32783
Sara Benson	2.00	Muck	7	7	50		0	0	5	0	0	0	0	6/25/2014	41.40848	-73.32797
Sara Benson	2.10	Muck	7	8	60		0	0	4	0	0	0	0	6/25/2014	41.40852	-73.32806
Sara Benson	2.30	Muck	7	9	70		1	0	1	0	0	0	0	6/25/2014	41.40856	-73.32819
Sara Benson	2.40	Muck	7	10	80	nothing	0	0	0	0	0	0	0	6/25/2014	41.40863	-73.32830
Sara Benson	0.20	Gravel	8	1	0.5		0	0	1	0	0	0	0	6/26/2014	41.40719	-73.32879
Sara Benson	0.80	Organic	8	2	5		0	0	1	0	0	0	0	6/26/2014	41.40722	-73.32874
Sara Benson	1.20	Muck	8	3	10		1	0	3	0	0	0	0	6/26/2014	41.40728	-73.32879
Sara Benson	1.40	Muck	8	4	20		0	0	3	0	0	0	0	6/26/2014	41.40738	-73.32878
Sara Benson	1.70	Muck	8	5	30		1	0	3	0	0	0	0	6/26/2014	41.40747	-73.32878
Sara Benson	1.80	Muck	8	6	40		0	0	3	0	0	0	0	6/26/2014	41.40755	-73.32876
Sara Benson	1.90	Muck	8	7	50		0	0	4	0	0	0	0	6/26/2014	41.40766	-73.32876
Sara Benson	2.00	Muck	8	8	60		0	0	4	0	0	0	0	6/26/2014	41.40772	-73.32872
Sara Benson	2.10	Muck	8	9	70		0	0	3	0	0	0	0	6/26/2014	41.40783	-73.32873
Sara Benson	2.30	Muck	8	10	80		0	0	2	0	0	0	0	6/26/2014	41.40795	-73.32874
Samantha Wysocki	0.50	Gravel	9	1	0.5	nothing	0	0	0	0	0	0	0	6/26/2014	41.40910	-73.33318
Samantha Wysocki	1.20	Sand	9	2	5		0	0	1	0	0	0	0	6/26/2014	41.40913	-73.33314
Samantha Wysocki	3.20	Sand	9	3	10	nothing	0	0	0	0	0	0	0	6/26/2014	41.40918	-73.33310
Samantha Wysocki	0.20	Gravel	10	1	0.5		0	0	1	0	0	0	0	6/26/2014	41.40963	-73.33482
Samantha Wysocki	1.20	Sand	10	2	5		1	0	2	0	0	0	0	6/26/2014	41.40965	-73.33483
Samantha Wysocki	2.20	Sand	10	3	10	nothing	0	0	0	0	0	0	0	6/26/2014	41.40970	-73.33481
Samantha Wysocki	0.50	Gravel	11	1	0.5		2	0	3	0	0	0	0	6/26/2014	41.41028	-73.33697
Samantha Wysocki	1.00	Gravel	11	2	5		0	0	2	0	0	0	0	6/26/2014	41.41030	-73.33702
Samantha Wysocki	1.80	Gravel	11	3	10	nothing	0	0	0	0	0	0	0	6/26/2014	41.41031	-73.33706



Surveyor	Depth (m)	Substrate	Transect	Point	Distance from shore (m)	Notes	<i>Elodea nuttallii</i>	<i>Ludwigia</i> species	<i>Myriophyllum spicatum</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton foliosus</i>	<i>Sagittaria</i> species	<i>Spirodela polyrhiza</i>	Date	Latitude	Longitude
Samantha Wysocki	6.50	Sand	11	4	20	nothing	0	0	0	0	0	0	0	6/26/2014	41.41035	-73.33716
Samantha Wysocki	0.20	Organic	12	1	0.5		2	0	2	0	0	2	2	6/26/2014	41.40977	-73.33865
Samantha Wysocki	0.50	Organic	12	2	5		0	0	1	0	0	0	0	6/26/2014	41.40981	-73.33864
Samantha Wysocki	1.00	Organic	12	3	10		0	0	2	0	0	0	0	6/26/2014	41.40983	-73.33861
Samantha Wysocki	1.80	Muck	12	4	20		0	0	3	0	0	0	0	6/26/2014	41.40994	-73.33859
Samantha Wysocki	2.20	Muck	12	5	30		0	0	3	0	0	0	0	6/26/2014	41.41000	-73.33853
Samantha Wysocki	2.70	Muck	12	6	30		2	0	3	0	0	0	0	6/26/2014	41.41000	-73.33853
Samantha Wysocki	3.00	Muck	12	7	40		1	0	0	0	0	0	0	6/26/2014	41.41011	-73.33852
Samantha Wysocki	4.50	Muck	12	8	50	nothing	0	0	0	0	0	0	0	6/26/2014	41.41021	-73.33850
Samantha Wysocki	0.20	Organic	13	1	0.5		1	0	1	0	0	0	0	6/26/2014	41.40996	-73.34015
Samantha Wysocki	0.50	Muck	13	2	5		0	0	1	0	0	0	0	6/26/2014	41.41002	-73.34015
Samantha Wysocki	0.50	Muck	13	3	10	algae	0	0	1	0	0	0	0	6/26/2014	41.41005	-73.34016
Samantha Wysocki	1.10	Muck	13	4	20	algae	0	0	4	0	0	0	0	6/26/2014	41.41017	-73.34012
Samantha Wysocki	1.70	Muck	13	5	30		0	0	3	0	0	0	0	6/26/2014	41.41025	-73.34009
Samantha Wysocki	1.90	Muck	13	6	40		0	0	2	0	0	0	0	6/26/2014	41.41032	-73.34011
Samantha Wysocki	2.10	Muck	13	7	50		0	0	2	0	0	0	0	6/26/2014	41.41043	-73.34011
Samantha Wysocki	2.30	Muck	13	8	60		0	0	1	0	0	0	0	6/26/2014	41.41051	-73.34008
Samantha Wysocki	2.30	Muck	13	9	70	nothing	0	0	0	0	0	0	0	6/26/2014	41.41058	-73.34001
Samantha Wysocki	2.60	Muck	13	10	80	nothing	0	0	0	0	0	0	0	6/26/2014	41.41069	-73.33998
Sara Benson	0.20	Gravel	14	1	0.5		0	0	1	0	0	0	0	6/26/2014	41.41144	-73.34022
Sara Benson	0.60	Muck	14	2	5		0	0	1	0	0	0	0	6/26/2014	41.41141	-73.34017
Sara Benson	1.30	Muck	14	3	10		0	0	2	0	0	0	0	6/26/2014	41.41136	-73.34014
Sara Benson	1.80	Muck	14	4	20		0	0	2	0	0	0	0	6/26/2014	41.41130	-73.34004
Sara Benson	2.90	Muck	14	5	30	nothing	0	0	0	0	0	0	0	6/26/2014	41.41124	-73.33996
Sara Benson	4.30	Muck	14	6	40	nothing	0	0	0	0	0	0	0	6/26/2014	41.41114	-73.33991
Sara Benson	5.50	Muck	14	7	50	nothing	0	0	0	0	0	0	0	6/26/2014	41.41106	-73.33987



Surveyor	Depth (m)	Substrate	Transect	Point	Distance from shore (m)	Notes	<i>Elodea nuttallii</i>	<i>Ludwigia</i> species	<i>Myriophyllum spicatum</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton foliosus</i>	<i>Sagittaria</i> species	<i>Spirodela polyrhiza</i>	Date	Latitude	Longitude
Sara Benson	6.00	Muck	14	8	60	nothing	0	0	0	0	0	0	0	6/26/2014	41.41098	-73.33980
Sara Benson	6.20	Muck	14	9	70	nothing	0	0	0	0	0	0	0	6/26/2014	41.41088	-73.33975
Sara Benson	6.40	Muck	14	10	80	nothing	0	0	0	0	0	0	0	6/26/2014	41.41085	-73.33968
Sara Benson	0.20	Gravel	15	1	0.5		0	0	1	0	0	0	0	6/26/2014	41.41215	-73.33885
Samantha Wysocki	1.00	Sand	15	2	5		1	0	2	0	0	0	0	6/26/2014	41.41214	-73.33880
Samantha Wysocki	2.60	Muck	15	3	10		0	0	3	0	0	0	0	6/26/2014	41.41212	-73.33876
Samantha Wysocki	4.50	Muck	15	4	20	nothing	0	0	0	0	0	0	0	6/26/2014	41.41211	-73.33864
Sara Benson	0.20	Organic	16	1	0.5	nothing	0	0	0	0	0	0	0	6/26/2014	41.41296	-73.33942
Sara Benson	1.00	Organic	16	2	5	nothing - algae	0	0	0	0	0	0	0	6/26/2014	41.41298	-73.33937
Sara Benson	1.50	Organic	16	3	10	nothing	0	0	0	0	0	0	0	6/26/2014	41.41302	-73.33935
Sara Benson	7.00	Muck	16	4	20	nothing	0	0	0	0	0	0	0	6/26/2014	41.41309	-73.33922
Samantha Wysocki	0.10	Sand	17	1	0.5		2	0	1	3	0	0	0	6/26/2014	41.41590	-73.33839
Samantha Wysocki	0.30	Muck	17	2	5		0	0	1	0	0	0	0	6/26/2014	41.41586	-73.33841
Samantha Wysocki	1.00	Muck	17	3	10		1	0	5	0	0	0	3	6/26/2014	41.41582	-73.33842
Samantha Wysocki	1.70	Muck	17	4	20		0	0	5	0	0	0	2	6/26/2014	41.41571	-73.33843
Samantha Wysocki	2.30	Muck	17	5	30		0	0	2	0	0	0	0	6/26/2014	41.41563	-73.33844
Samantha Wysocki	2.10	Muck	17	6	40		0	0	3	0	0	0	0	6/26/2014	41.41555	-73.33845
Samantha Wysocki	2.80	Muck	17	7	50		0	0	1	0	0	0	0	6/26/2014	41.41545	-73.33848
Samantha Wysocki	3.50	Muck	17	8	60	nothing	0	0	0	0	0	0	0	6/26/2014	41.41535	-73.33850
Samantha Wysocki	3.50	Muck	17	9	70	nothing	0	0	0	0	0	0	0	6/26/2014	41.41528	-73.33849
Sara Benson	4.20	Muck	17	10	80	nothing	0	0	0	0	0	0	0	6/26/2014	41.41520	-73.33854
Jordan Gibbons	0.50	Organic	18	1	0.5	nothing	0	0	0	0	0	0	0	6/25/2014	41.40764	-73.32791
Sara Benson	0.50	Sand	18	2	5	nothing	0	0	0	0	0	0	0	6/25/2014	41.40767	-73.32795
Sara Benson	1.00	Organic	18	3	10		0	0	2	0	0	0	0	6/25/2014	41.40770	-73.32802
Sara Benson	1.00	Sand	18	4	20		1	0	2	0	0	0	0	6/25/2014	41.40774	-73.32813
Sara Benson	1.30	Sand	18	5	30		1	0	3	0	0	0	0	6/25/2014	41.40778	-73.32825



Surveyor	Depth (m)	Substrate	Transect	Point	Distance from shore (m)	Notes	<i>Elodea nuttallii</i>	<i>Ludwigia species</i>	<i>Myriophyllum spicatum</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton foliosus</i>	<i>Sagittaria species</i>	<i>Spirodela polyrhiza</i>	Date	Latitude	Longitude
Sara Benson	1.60	Muck	18	6	40		0	0	4	0	0	0	0	6/25/2014	41.40781	-73.32835
Sara Benson	1.90	Muck	18	7	50		0	0	4	0	0	0	0	6/25/2014	41.40785	-73.32848
Sara Benson	2.00	Muck	18	8	60		0	0	3	0	0	0	0	6/25/2014	41.40786	-73.32859
Sara Benson	2.20	Muck	18	9	70		0	0	4	0	0	0	0	6/25/2014	41.40787	-73.32870
Sara Benson	2.30	Muck	18	10	80		0	0	3	0	0	0	0	6/25/2014	41.40797	-73.32880

