

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	Transect	Point	Distance from shore (m)	Notes	<i>Alisma sp.</i>	<i>Callitriche sp.</i>	<i>Elatine sp.</i>	<i>Elatine minima</i>	<i>Eleocharis sp.</i>	<i>Gratiola aurea</i>	<i>Isoetes sp.</i>	<i>Najas flexilis</i>	<i>Najas minor</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton epihydrus</i>	<i>Vallisneria americana</i>	Date	Latitude	Longitude	
Jordan Gibbons	0.10	Gravel	1	1	.5		0	0	0	0	0	0	0	0	0	0	0	0	0	8/29/2012	41.24816	-73.23587
Jordan Gibbons	0.50	Sand	1	2	5.0		0	0	0	0	0	0	0	0	0	0	0	0	0	8/29/2012	41.24821	-73.23590
Jordan Gibbons	1.20	Sand	1	3	10.0		0	0	0	0	0	0	0	0	0	0	0	3	0	8/29/2012	41.24824	-73.23592
Jordan Gibbons	1.80	Sand	1	4	20.0		0	0	0	0	0	0	0	0	0	0	0	2	0	8/29/2012	41.24833	-73.23595
Jordan Gibbons	2.10	Sand	1	5	30.0		0	0	0	0	0	0	0	0	0	0	0	3	0	8/29/2012	41.24840	-73.23605
Jordan Gibbons	2.70	Sand	1	6	40.0		0	0	0	0	0	0	0	0	0	0	0	0	0	8/29/2012	41.24846	-73.23613
Jordan Gibbons	4.60	Sand	1	7	50.0		0	0	0	0	0	0	0	0	0	0	0	0	0	8/29/2012	41.24858	-73.23607
Jordan Gibbons	4.30	Sand	1	8	60.0		0	0	0	0	0	0	0	0	0	0	0	0	0	8/29/2012	41.24862	-73.23623
Jordan Gibbons	3.90	Sand	1	9	70.0		0	0	0	0	0	0	0	0	0	0	0	0	0	8/29/2012	41.24869	-73.23632
Jordan Gibbons	3.40	Sand	1	10	80.0		0	0	0	0	0	0	0	0	0	0	0	0	0	8/29/2012	41.24877	-73.23641
Jordan Gibbons	0.10	Gravel	2	1	.5		0	0	0	0	0	0	0	0	0	0	0	1	0	8/29/2012	41.24922	-73.23873
Jordan Gibbons	0.25	Sand	2	2	5.0		0	0	0	0	0	0	0	0	0	0	0	3	0	8/29/2012	41.24926	-73.23869
Jordan Gibbons	1.00	Sand	2	3	10.0		0	0	0	0	2	0	0	0	0	0	0	3	0	8/29/2012	41.24928	-73.23866
Jordan Gibbons	1.10	Sand	2	4	20.0		0	0	0	0	0	0	0	0	0	0	0	4	0	8/29/2012	41.24935	-73.23855
Jordan Gibbons	1.40	Sand	2	5	30.0		0	0	0	0	0	0	0	0	3	0	0	4	0	8/29/2012	41.24939	-73.23846
Jordan Gibbons	2.00	Sand	2	6	40.0		0	0	0	0	0	0	0	0	0	0	0	0	0	8/29/2012	41.24944	-73.23834
Jordan Gibbons	3.10	Sand	2	7	50.0		0	0	0	0	0	0	0	0	0	0	0	0	0	8/29/2012	41.24946	-73.23821
Jordan Gibbons	3.90	Sand	2	8	60.0		0	0	0	0	0	0	0	0	0	0	0	0	0	8/29/2012	41.24955	-73.23818
Jordan Gibbons	4.40	Sand	2	9	70.0		0	0	0	0	0	0	0	0	0	0	0	0	0	8/29/2012	41.24957	-73.23801
Jordan Gibbons	4.50	Sand	2	10	80.0		0	0	0	0	0	0	0	0	0	0	0	0	0	8/29/2012	41.24963	-73.23792
Jordan Gibbons	0.10	Sand	3	1	.5		0	0	2	0	4	0	0	0	1	0	0	0	0	8/30/2012	41.25132	-73.23716



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Surveyor	Depth (m)	Substrate	Transect	Point	Distance from shore (m)	Notes	<i>Alisma sp.</i>	<i>Callitriche sp.</i>	<i>Elatine sp.</i>	<i>Elatine minima</i>	<i>Eleocharis sp.</i>	<i>Gratiola aurea</i>	<i>Isoetes sp.</i>	<i>Najas flexilis</i>	<i>Najas minor</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton epihydrus</i>	<i>Vallisneria americana</i>	Date	Latitude	Longitude
Jordan Gibbons	0.50	Sand	3	2	5.0		0	0	0	0	0	0	1	0	0	0	0	3	8/30/2012	41.25132	-73.23722
Jordan Gibbons	2.25	Sand	3	3	10.0		0	0	0	0	0	0	0	0	0	0	0	3	8/30/2012	41.25129	-73.23727
Jordan Gibbons	3.10	Sand	3	4	20.0		0	0	0	0	0	0	0	0	0	0	0	2	8/30/2012	41.25129	-73.23740
Jordan Gibbons	3.80	Sand	3	5	30.0		0	0	0	0	0	0	0	0	0	0	0	0	8/30/2012	41.25128	-73.23753
Jordan Gibbons	4.60	Sand	3	6	40.0		0	0	0	0	0	0	0	0	0	0	0	0	8/30/2012	41.25128	-73.23764
Jordan Gibbons	4.90	Sand	3	7	50.0		0	0	0	0	0	0	0	0	0	0	0	0	8/30/2012	41.25128	-73.23776
Jordan Gibbons	5.60	Sand	3	8	60.0		0	0	0	0	0	0	0	0	0	0	0	0	8/30/2012	41.25122	-73.23787
Jordan Gibbons	6.20	Sand	3	9	70.0		0	0	0	0	0	0	0	0	0	0	0	0	8/30/2012	41.25121	-73.23796
Jordan Gibbons	6.40	Sand	3	10	80.0		0	0	0	0	0	0	0	0	0	0	0	0	8/30/2012	41.25118	-73.23810
Jordan Gibbons	0.10	Sand	4	1	.5		0	0	0	0	0	0	0	1	2	0	0	3	8/30/2012	41.25263	-73.23876
Jordan Gibbons	2.00	Sand	4	2	5.0		0	0	0	0	0	0	0	0	0	0	0	0	8/30/2012	41.25265	-73.23871
Jordan Gibbons	2.80	Sand	4	3	10.0		0	0	0	0	0	0	0	0	0	0	0	0	8/30/2012	41.25265	-73.23866
Jordan Gibbons	5.70	Sand	4	4	20.0		0	0	0	0	0	0	0	0	0	0	0	0	8/30/2012	41.25262	-73.23853
Jordan Gibbons	6.40	Sand	4	5	30.0		0	0	0	0	0	0	0	0	0	0	0	0	8/30/2012	41.25262	-73.23843
Jordan Gibbons	6.60	Sand	4	6	40.0		0	0	0	0	0	0	0	0	0	0	0	0	8/30/2012	41.25265	-73.23828
Jordan Gibbons	6.70	Sand	4	7	50.0		0	0	0	0	0	0	0	0	0	0	0	0	8/30/2012	41.25268	-73.23818
Jordan Gibbons	6.60	Sand	4	8	60.0		0	0	0	0	0	0	0	0	0	0	0	0	8/30/2012	41.25268	-73.23806
Jordan Gibbons	6.40	Sand	4	9	70.0		0	0	0	0	0	0	0	0	0	0	0	0	8/30/2012	41.25269	-73.23793
Jordan Gibbons	6.30	Sand	4	10	80.0		0	0	0	0	0	0	0	0	0	0	0	0	8/30/2012	41.25269	-73.23782
Jordan Gibbons	0.20	Gravel	5	1	.5		0	0	0	0	0	0	0	0	0	0	0	2	8/30/2012	41.25366	-73.23894
Jordan Gibbons	4.00	Sand	5	2	5.0		0	0	0	0	0	0	0	0	0	0	0	0	8/30/2012	41.25369	-73.23889



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Surveyor	Depth (m)	Substrate	Transect	Point	Distance from shore (m)	Notes	<i>Alisma</i> sp.	<i>Callitriche</i> sp.	<i>Elatine</i> sp.	<i>Elatine minima</i>	<i>Eleocharis</i> sp.	<i>Gratiola aurea</i>	<i>Isoetes</i> sp.	<i>Najas flexilis</i>	<i>Najas minor</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton epihydrus</i>	<i>Vallisneria americana</i>	Date	Latitude	Longitude	
Jordan Gibbons	4.20	Sand	5	3	10.0		0	0	0	0	0	0	0	0	0	0	0	0	0	8/30/2012	41.25370	-73.23884
Jordan Gibbons	6.20	Sand	5	4	20.0		0	0	0	0	0	0	0	0	0	0	0	0	0	8/30/2012	41.25369	-73.23871
Jordan Gibbons	6.30	Sand	5	5	30.0		0	0	0	0	0	0	0	0	0	0	0	0	0	8/30/2012	41.25369	-73.23858
Jordan Gibbons	6.40	Sand	5	6	40.0		0	0	0	0	0	0	0	0	0	0	0	0	0	8/30/2012	41.25369	-73.23845
Jordan Gibbons	6.40	Sand	5	7	50.0		0	0	0	0	0	0	0	0	0	0	0	0	0	8/30/2012	41.25370	-73.23835
Jordan Gibbons	6.40	Sand	5	8	60.0		0	0	0	0	0	0	0	0	0	0	0	0	0	8/30/2012	41.25372	-73.23821
Jordan Gibbons	6.10	Sand	5	9	70.0		0	0	0	0	0	0	0	0	0	0	0	0	0	8/30/2012	41.25380	-73.23810
Jordan Gibbons	5.50	Sand	5	10	80.0		0	0	0	0	0	0	0	0	0	0	0	0	0	8/30/2012	41.25384	-73.23801
Jordan Gibbons	0.10	Organic	6	1	.5		0	0	0	0	0	0	0	0	0	0	0	0	0	8/30/2012	41.25998	-73.24214
Jordan Gibbons	0.25	Muck	6	2	5.0		0	5	0	0	0	0	0	0	2	0	0	2	8/30/2012	41.25995	-73.24212	
Jordan Gibbons	0.50	Muck	6	3	10.0		0	5	0	0	0	0	0	0	2	0	4	0	8/30/2012	41.25990	-73.24208	
Jordan Gibbons	0.50	Muck	6	4	20.0		0	4	0	0	0	0	0	0	0	0	4	0	8/30/2012	41.25983	-73.24202	
Jordan Gibbons	1.00	Muck	6	5	30.0		0	0	0	0	0	0	0	0	5	0	0	0	8/30/2012	41.25974	-73.24196	
Jordan Gibbons	1.10	Muck	6	6	40.0		0	0	0	0	0	0	0	0	4	0	3	0	8/30/2012	41.25966	-73.24187	
Jordan Gibbons	1.40	Muck	6	7	50.0		0	0	0	0	0	0	0	0	0	0	4	0	8/30/2012	41.25959	-73.24183	
Jordan Gibbons	1.60	Muck	6	8	60.0		0	1	0	0	0	0	0	0	3	0	2	0	8/30/2012	41.25954	-73.24179	
Jordan Gibbons	1.90	Muck	6	9	70.0		0	0	0	0	0	0	0	0	0	0	0	2	8/30/2012	41.25944	-73.24174	
Jordan Gibbons	2.10	Muck	6	10	80.0		0	0	0	0	0	0	0	0	3	0	0	0	8/30/2012	41.25936	-73.24163	
Jordan Gibbons	0.10	Sand	7	1	.5		1	0	2	2	2	2	2	0	2	0	0	2	8/30/2012	41.25732	-73.23826	
Jordan Gibbons	0.50	Sand	7	2	5.0		0	0	0	0	0	0	0	0	2	0	0	5	8/30/2012	41.25731	-73.23832	
Jordan Gibbons	0.50	Sand	7	3	10.0		0	0	0	0	0	0	0	0	3	0	0	5	8/30/2012	41.25726	-73.23834	



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Surveyor	Depth (m)	Substrate	Transect	Point	Distance from shore (m)	Notes	<i>Alisma sp.</i>	<i>Callitriche sp.</i>	<i>Elatine sp.</i>	<i>Elatine minima</i>	<i>Eleocharis sp.</i>	<i>Gratiola aurea</i>	<i>Isoetes sp.</i>	<i>Najas flexilis</i>	<i>Najas minor</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton epiphydrus</i>	<i>Vallisneria americana</i>	Date	Latitude	Longitude
Jordan Gibbons	1.00	Sand	7	4	20.0		0	0	0	0	0	0	0	0	2	4	0	4	8/30/2012	41.25723	-73.23843
Jordan Gibbons	1.40	Sand	7	5	30.0		0	0	0	0	0	0	0	0	2	0	0	3	8/30/2012	41.25718	-73.23855
Jordan Gibbons	2.80	Sand	7	6	40.0		0	0	0	0	0	0	0	0	0	0	0	0	8/30/2012	41.25714	-73.23867
Jordan Gibbons	3.20	Sand	7	7	50.0		0	0	0	0	0	0	0	0	0	0	0	0	8/30/2012	41.25711	-73.23877
Jordan Gibbons	3.90	Sand	7	8	60.0		0	0	0	0	0	0	0	0	0	0	0	0	8/30/2012	41.25702	-73.23884
Jordan Gibbons	4.40	Sand	7	9	70.0		0	0	0	0	0	0	0	0	0	0	0	0	8/30/2012	41.25697	-73.23894
Jordan Gibbons	4.40	Sand	7	10	80.0		0	0	0	0	0	0	0	0	0	0	0	0	8/30/2012	41.25695	-73.23906

