

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/DDDMMSS-decimal.html										
Surveyor	Depth (m)	Substrate	Transect	Point	Distance from shore (m)	Notes	<i>Brasenia schreberi</i>	<i>Ceratophyllum demersum</i>	<i>Elodea nuttallii</i>	<i>Najas flexilis</i>	<i>Nuphar variegata</i>	<i>Nymphaea odorata</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton foliosus</i>	<i>Utricularia gibba</i>	<i>Utricularia macrorhiza</i>	<i>Utricularia minor</i>	Date	Latitude	Longitude
Jordan Gibbons	0.10	Muck	1	1	.5		0	2	2	0	0	4	0	0	2	2	2	6/27/2012	41.66731	-73.20908
Jordan Gibbons	0.50	Muck	1	2	5.0		0	0	1	0	0	4	0	0	0	2	0	6/27/2012	41.66726	-73.20909
Jordan Gibbons	1.00	Muck	1	3	10.0		0	0	0	0	0	2	0	0	0	0	0	6/27/2012	41.66722	-73.20909
Jordan Gibbons	0.50	Muck	1	4	20.0		2	2	0	0	0	3	2	0	0	0	0	6/27/2012	41.66713	-73.20907
Jordan Gibbons	0.70	Muck	1	5	30.0		2	0	0	0	0	3	0	0	0	0	0	6/27/2012	41.66702	-73.20901
Jordan Gibbons	0.80	Muck	1	6	40.0		1	0	0	0	2	3	0	0	0	0	0	6/27/2012	41.66695	-73.20906
Jordan Gibbons	0.80	Muck	1	7	50.0		3	0	0	0	0	3	5	0	0	0	0	6/27/2012	41.66686	-73.20901
Jordan Gibbons	0.80	Muck	1	8	60.0		2	0	0	0	0	4	1	0	0	0	0	6/27/2012	41.66677	-73.20898
Jordan Gibbons	0.90	Muck	1	9	70.0		2	0	0	0	0	3	0	0	0	0	0	6/27/2012	41.66667	-73.20900
Jordan Gibbons	0.90	Muck	1	10	80.0		1	0	0	0	0	1	0	0	0	0	0	6/27/2012	41.66658	-73.20905
Jordan Gibbons	0.10	Muck	2	1	.5		0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.66393	-73.20991
Jordan Gibbons	0.70	Muck	2	2	5.0		0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.66393	-73.20984
Jordan Gibbons	0.70	Muck	2	3	10.0		0	0	0	2	0	0	0	0	0	0	0	6/27/2012	41.66396	-73.20976
Jordan Gibbons	1.10	Muck	2	4	20.0		0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.66397	-73.20966
Jordan Gibbons	1.40	Muck	2	5	30.0		0	0	0	5	0	0	0	0	0	0	0	6/27/2012	41.66393	-73.20951
Jordan Gibbons	1.40	Muck	2	6	40.0		0	0	0	5	0	0	0	0	0	0	0	6/27/2012	41.66391	-73.20939
Jordan Gibbons	1.60	Muck	2	7	50.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.66405	-73.20929
Jordan Gibbons	1.70	Muck	2	8	60.0		0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.66403	-73.20917
Jordan Gibbons	1.30	Muck	2	9	70.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.66405	-73.20908
Jordan Gibbons	1.50	Muck	2	10	80.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.66416	-73.20896
Jordan Gibbons	0.25	Muck	3	1	.5		0	0	0	0	0	2	0	0	0	1	0	6/27/2012	41.66656	-73.20769



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/DDDMMSS-decimal.html										
Surveyor	Depth (m)	Substrate	Transect	Point	Distance from shore (m)	Notes	<i>Brasenia schreberi</i>	<i>Ceratophyllum demersum</i>	<i>Elodea nuttallii</i>	<i>Najas flexilis</i>	<i>Nuphar variegata</i>	<i>Nymphaea odorata</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton foliosus</i>	<i>Utricularia gibba</i>	<i>Utricularia macrorhiza</i>	<i>Utricularia minor</i>	Date	Latitude	Longitude
Jordan Gibbons	0.25	Muck	3	2	5.0		0	0	0	0	0	3	0	0	0	0	0	6/27/2012	41.66657	-73.20774
Jordan Gibbons	0.25	Muck	3	3	10.0		0	0	0	0	0	4	0	3	0	0	0	6/27/2012	41.66656	-73.20780
Jordan Gibbons	1.00	Muck	3	4	20.0		0	0	0	0	0	3	2	0	0	0	0	6/27/2012	41.66657	-73.20792
Jordan Gibbons	0.90	Muck	3	5	30.0		0	0	0	0	0	4	0	0	0	0	0	6/27/2012	41.66652	-73.20802
Jordan Gibbons	1.10	Muck	3	6	40.0		0	0	0	0	0	0	1	0	0	0	0	6/27/2012	41.66654	-73.20815
Jordan Gibbons	0.50	Muck	3	7	50.0		0	0	0	0	0	3	3	0	0	0	0	6/27/2012	41.66657	-73.20829
Jordan Gibbons	0.90	Muck	3	8	60.0		0	2	0	0	0	3	2	0	0	0	0	6/27/2012	41.66657	-73.20843
Jordan Gibbons	1.20	Muck	3	9	70.0		0	0	0	0	0	3	0	0	0	0	0	6/27/2012	41.66660	-73.20853
Jordan Gibbons	1.10	Muck	3	10	80.0		0	0	0	0	0	3	0	0	0	0	0	6/27/2012	41.66658	-73.20865
Jordan Gibbons	0.25	Muck	4	1	.5		0	0	0	0	0	2	0	0	0	0	0	6/27/2012	41.66289	-73.20707
Jordan Gibbons	0.75	Muck	4	2	5.0		2	0	0	0	2	2	0	0	0	0	0	6/27/2012	41.66286	-73.20712
Jordan Gibbons	1.00	Muck	4	3	10.0		2	0	0	0	0	0	0	0	2	0	0	6/27/2012	41.66286	-73.20714
Jordan Gibbons	1.40	Muck	4	4	20.0		0	0	0	2	0	0	0	0	0	0	0	6/27/2012	41.66281	-73.20731
Jordan Gibbons	1.60	Muck	4	5	30.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.66280	-73.20743
Jordan Gibbons	1.70	Muck	4	6	40.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.66283	-73.20759
Jordan Gibbons	1.70	Muck	4	7	50.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.66280	-73.20771
Jordan Gibbons	1.70	Muck	4	8	60.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.66265	-73.20778
Jordan Gibbons	1.90	Muck	4	9	70.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.66264	-73.20784
Jordan Gibbons	1.90	Muck	4	10	80.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.66263	-73.20801
Jordan Gibbons	0.10	Muck	5	1	.5		0	0	0	0	0	3	0	0	0	0	0	6/27/2012	41.65910	-73.20610
Jordan Gibbons	0.25	Gravel	5	2	5.0		0	0	0	0	0	2	0	0	0	0	0	6/27/2012	41.65910	-73.20617



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/DDMMSS-decimal.html										
Surveyor	Depth (m)	Substrate	Transect	Point	Distance from shore (m)	Notes	<i>Brasenia schreberi</i>	<i>Ceratophyllum demersum</i>	<i>Elodea nuttallii</i>	<i>Najas flexilis</i>	<i>Nuphar variegata</i>	<i>Nymphaea odorata</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton foliosus</i>	<i>Utricularia gibba</i>	<i>Utricularia macrorhiza</i>	<i>Utricularia minor</i>	Date	Latitude	Longitude
Jordan Gibbons	0.70	Gravel	5	3	10.0		0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65909	-73.20622
Jordan Gibbons	1.30	Muck	5	4	20.0		0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65906	-73.20637
Jordan Gibbons	1.80	Muck	5	5	30.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65903	-73.20644
Jordan Gibbons	1.50	Muck	5	6	40.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65901	-73.20659
Jordan Gibbons	2.00	Muck	5	7	50.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65898	-73.20670
Jordan Gibbons	2.00	Muck	5	8	60.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65892	-73.20679
Jordan Gibbons	2.00	Muck	5	9	70.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65893	-73.20692
Jordan Gibbons	2.10	Muck	5	10	80.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65891	-73.20703
Jordan Gibbons	0.25	Muck	6	1	.5		0	0	0	0	0	4	0	0	0	0	0	6/27/2012	41.65625	-73.20626
Jordan Gibbons	0.25	Muck	6	2	5.0		0	0	0	0	0	5	0	0	0	0	0	6/27/2012	41.65625	-73.20632
Jordan Gibbons	0.50	Muck	6	3	10.0		0	0	0	0	2	0	0	0	0	0	0	6/27/2012	41.65626	-73.20637
Jordan Gibbons	1.40	Muck	6	4	20.0		2	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65625	-73.20652
Jordan Gibbons	1.90	Muck	6	5	30.0		1	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65621	-73.20662
Jordan Gibbons	2.10	Muck	6	6	40.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65620	-73.20675
Jordan Gibbons	2.40	Muck	6	7	50.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65620	-73.20687
Jordan Gibbons	2.40	Muck	6	8	60.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65621	-73.20699
Jordan Gibbons	2.20	Muck	6	9	70.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65622	-73.20712
Jordan Gibbons	1.90	Muck	6	10	80.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65618	-73.20723
Jordan Gibbons	0.50	Gravel	7	1	.5		0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65128	-73.20678
Jordan Gibbons	0.50	Sand	7	2	5.0		0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65126	-73.20685
Jordan Gibbons	1.00	Sand	7	3	10.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65123	-73.20687



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/DDDMMSS-decimal.html										
Surveyor	Depth (m)	Substrate	Transect	Point	Distance from shore (m)	Notes	<i>Brasenia schreberi</i>	<i>Ceratophyllum demersum</i>	<i>Elodea nuttallii</i>	<i>Najas flexilis</i>	<i>Nuphar variegata</i>	<i>Nymphaea odorata</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton foliosus</i>	<i>Utricularia gibba</i>	<i>Utricularia macrorhiza</i>	<i>Utricularia minor</i>	Date	Latitude	Longitude
Jordan Gibbons	1.10	Muck	7	4	20.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65127	-73.20700
Jordan Gibbons	1.50	Muck	7	5	30.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65125	-73.20712
Jordan Gibbons	1.80	Muck	7	6	40.0		0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65125	-73.20725
Jordan Gibbons	1.70	Muck	7	7	50.0		0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65113	-73.20735
Jordan Gibbons	2.20	Muck	7	8	60.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65122	-73.20750
Jordan Gibbons	2.20	Muck	7	9	70.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65113	-73.20760
Jordan Gibbons	2.10	Muck	7	10	80.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65110	-73.20771
Jordan Gibbons	0.25	Gravel	8	1	.5		0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.64880	-73.20670
Jordan Gibbons	0.25	Gravel	8	2	5.0		0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.64884	-73.20672
Jordan Gibbons	0.50	Gravel	8	3	10.0		0	0	0	0	0	3	0	0	0	0	0	6/27/2012	41.64890	-73.20674
Jordan Gibbons	0.90	Muck	8	4	20.0		0	0	0	0	0	3	0	0	0	0	0	6/27/2012	41.64899	-73.20671
Jordan Gibbons	1.10	Muck	8	5	30.0		0	0	0	0	0	2	0	0	0	0	0	6/27/2012	41.64905	-73.20676
Jordan Gibbons	1.20	Muck	8	6	40.0		0	0	0	0	0	2	0	0	0	0	0	6/27/2012	41.64916	-73.20681
Jordan Gibbons	1.30	Muck	8	7	50.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.64925	-73.20683
Jordan Gibbons	1.30	Muck	8	8	60.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.64933	-73.20683
Jordan Gibbons	1.50	Muck	8	9	70.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.64941	-73.20685
Jordan Gibbons	1.40	Muck	8	10	80.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.64952	-73.20684
Jordan Gibbons	0.25	Gravel	9	1	.5		0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65366	-73.21055
Jordan Gibbons	2.60	Sand	9	2	5.0		0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65370	-73.21054
Jordan Gibbons	2.70	Muck	9	3	10.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65370	-73.21045
Jordan Gibbons	2.80	Muck	9	4	20.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65374	-73.21036



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/DDDMMSS-decimal.html										
Surveyor	Depth (m)	Substrate	Transect	Point	Distance from shore (m)	Notes	<i>Brasenia schreberi</i>	<i>Ceratophyllum demersum</i>	<i>Elodea nuttallii</i>	<i>Najas flexilis</i>	<i>Nuphar variegata</i>	<i>Nymphaea odorata</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton foliosus</i>	<i>Utricularia gibba</i>	<i>Utricularia macrorhiza</i>	<i>Utricularia minor</i>	Date	Latitude	Longitude
Jordan Gibbons	2.90	Muck	9	5	30.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65374	-73.21020
Jordan Gibbons	2.70	Muck	9	6	40.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65376	-73.21007
Jordan Gibbons	2.80	Muck	9	7	50.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65375	-73.20998
Jordan Gibbons	2.80	Muck	9	8	60.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65370	-73.20985
Jordan Gibbons	2.80	Muck	9	9	70.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65372	-73.20970
Jordan Gibbons	2.60	Muck	9	10	80.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65372	-73.20963
Jordan Gibbons	0.25	Organic	10	1	.5		0	0	0	0	0	0	0	0	2	0	0	6/27/2012	41.65730	-73.20848
Jordan Gibbons	0.50	Organic	10	2	5.0		0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65734	-73.20844
Jordan Gibbons	0.60	Sand	10	3	10.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65730	-73.20839
Jordan Gibbons	1.00	Muck	10	4	20.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65734	-73.20833
Jordan Gibbons	2.00	Muck	10	5	30.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65736	-73.20811
Jordan Gibbons	2.10	Muck	10	6	40.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65733	-73.20801
Jordan Gibbons	2.20	Muck	10	7	60.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65732	-73.20788
Jordan Gibbons	2.20	Muck	10	8	60.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65731	-73.20777
Jordan Gibbons	2.30	Muck	10	9	70.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65723	-73.20766
Jordan Gibbons	2.30	Muck	10	10	80.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.65710	-73.20756
Jordan Gibbons	0.25	Gravel	11	1	.5		0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.66115	-73.20824
Jordan Gibbons	1.00	Gravel	11	2	5.0		0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.66115	-73.20819
Jordan Gibbons	1.70	Muck	11	3	10.0		0	0	0	3	0	0	0	0	0	0	0	6/27/2012	41.66118	-73.20812
Jordan Gibbons	2.00	Muck	11	4	20.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.66119	-73.20798
Jordan Gibbons	2.00	Muck	11	5	30.0	algae	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.66123	-73.20788



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/DDMMSS-decimal.html										
Surveyor	Depth (m)	Substrate	Transect	Point	Distance from shore (m)	Notes	<i>Brasenia schreberi</i>	<i>Ceratophyllum demersum</i>	<i>Elodea nuttallii</i>	<i>Najas flexilis</i>	<i>Nuphar variegata</i>	<i>Nymphaea odorata</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton foliosus</i>	<i>Utricularia gibba</i>	<i>Utricularia macrorhiza</i>	<i>Utricularia minor</i>	Date	Latitude	Longitude
Jordan Gibbons	2.10	Muck	11	6	40.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.66128	-73.20777
Jordan Gibbons	2.20	Muck	11	7	50.0		0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.66128	-73.20767
Jordan Gibbons	2.40	Muck	11	8	60.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.66120	-73.20750
Jordan Gibbons	2.30	Muck	11	9	70.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.66109	-73.20743
Jordan Gibbons	2.20	Muck	11	10	80.0	charaphyte	0	0	0	0	0	0	0	0	0	0	0	6/27/2012	41.66115	-73.20727

