

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 <a href="http://www.fcc.gov/mb/audio/bickel/DDDMSS-decimal.html">http://www.fcc.gov/mb/audio/bickel/DDDMSS-decimal.html</a>														Date	Latitude	Longitude							
Surveyor	Depth (m)	Substrate	Transect	Point	Distance from Shore (m)	Notes	<i>Cabomba caroliniana</i>	<i>Ceratophyllum demersum</i>	<i>Elatine</i> species	<i>Eleocharis</i> species	<i>Elodea nuttallii</i>	<i>Gratiola aurea</i>	<i>Glossostigma cleistanthum</i>	<i>Isoetes</i> species	<i>Najas flexilis</i>	<i>Najas guadalupensis</i>	<i>Nymphaea odorata</i>	<i>Potamogeton amplifolius</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton foliosus</i>	<i>Sagittaria</i> species	<i>Vallisneria americana</i>	<i>Zosterella dubia</i>						
Greg Bugbee	0.20	Gravel	1	1	0.1		0	0	1	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	8/1/2011	41.79849	-72.42943
Greg Bugbee	0.40	Gravel	1	2	5.0		0	0	0	0	1	1	2	2	2	2	0	0	0	0	2	0	0	0	0	0	8/1/2011	41.79853	-72.42942
Greg Bugbee	0.50	Gravel	1	3	10.0	Charaphyte	0	0	0	0	1	0	2	2	2	2	0	0	0	0	2	0	0	0	0	0	8/1/2011	41.79856	-72.42937
Greg Bugbee	0.80	Gravel	1	4	20.0	Charaphyte	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	8/1/2011	41.79867	-72.42932
Greg Bugbee	1.00	Gravel	1	5	30.0	Charaphyte	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	8/1/2011	41.79872	-72.42925
Greg Bugbee	0.20	Gravel	1	6	40.0	Charaphyte	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	8/1/2011	41.79883	-72.42922
Greg Bugbee	1.80	Gravel	1	7	50.0	Charaphyte	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	8/1/2011	41.79888	-72.42914
Greg Bugbee	2.00	Gravel	1	8	60.0	Charaphyte	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	8/1/2011	41.79902	-72.42908
Greg Bugbee	2.00	Silt	1	9	70.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	8/1/2011	41.79909	-72.42903
Greg Bugbee	3.00	Silt	1	10	80.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	8/1/2011	41.79914	-72.42903
Greg Bugbee	1.00	Silt	1	5	30.0	Charaphyte	0	0	0	0	2	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	8/1/2011	41.79624	-72.43601
Greg Bugbee	0.10	Sand	2	1	0.2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8/1/2011	41.79889	-72.43086
Greg Bugbee	0.30	Gravel	2	2	5.0	Charaphyte	0	0	0	0	1	0	2	1	0	2	0	0	0	0	2	0	0	0	0	0	8/1/2011	41.79893	-72.43084
Greg Bugbee	1.00	Gravel	2	3	10.0	Charaphyte	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	8/1/2011	41.79901	-72.43081
Greg Bugbee	1.00	Gravel	2	4	20.0	Charaphyte	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	8/1/2011	41.79906	-72.43076
Greg Bugbee	1.50	Gravel	2	5	30.0	Charaphyte	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8/1/2011	41.79915	-72.43069
Greg Bugbee	1.80	Silt	2	6	40.0	Charaphyte	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8/1/2011	41.79924	-72.43068
Greg Bugbee	1.80	Silt	2	7	50.0	Charaphyte	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	8/1/2011	41.79932	-72.43065
Greg Bugbee	1.70	Silt	2	8	60.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	8/1/2011	41.79940	-72.43061
Greg Bugbee	2.20	Silt	2	9	70.0		0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	8/1/2011	41.79946	-72.43053
Greg Bugbee	2.20	Silt	2	10	80.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	8/1/2011	41.79957	-72.43048



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Surveyor	Depth (m)	Substrate	Transect	Point	Distance from Shore (m)	Notes	<i>Cabomba caroliniana</i>	<i>Ceratophyllum demersum</i>	<i>Elatine</i> species	<i>Eleocharis</i> species	<i>Elodea nuttallii</i>	<i>Gratiola aurea</i>	<i>Glossostigma cleistanthum</i>	<i>Isoetes</i> species	<i>Najas flexilis</i>	<i>Najas guadalupensis</i>	<i>Nymphaea odorata</i>	<i>Potamogeton amplifolius</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton foliosus</i>	<i>Sagittaria</i> species	<i>Vallisneria americana</i>	<i>Zosterella dubia</i>	Date	Latitude	Longitude	
Greg Bugbee	0.50	Gravel	3	1	0.1		0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	8/1/2011	41.79682	-72.43194
Greg Bugbee	1.00	Gravel	3	2	5.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	8/1/2011	41.79688	-72.43194
Greg Bugbee	1.50	Silt	3	3	10.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	8/1/2011	41.79693	-72.43194
Greg Bugbee	1.50	Silt	3	4	20.0		0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	8/1/2011	41.79700	-72.43192
Greg Bugbee	2.00	Silt	3	6	40.0	Charaphyte	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	8/1/2011	41.79719	-72.43195
Greg Bugbee	1.80	Silt	3	5	30.0	Charaphyte	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	8/1/2011	41.79709	-72.43192
Greg Bugbee	2.00	Silt	3	7	50.0	Charaphyte	0	0	0	0	3	0	0	0	0	3	0	0	0	0	0	0	0	0	8/1/2011	41.79728	-72.43200
Greg Bugbee	2.20	Silt	3	8	60.0		0	0	0	0	2	0	0	0	0	4	0	0	0	0	0	0	0	0	8/1/2011	41.79737	-72.43197
Greg Bugbee	2.50	Silt	3	9	70.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	8/1/2011	41.79745	-72.43208
Greg Bugbee	2.00	Silt	3	10	80.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	8/1/2011	41.79754	-72.43218
Greg Bugbee	0.10	Sand	4	1	0.2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8/1/2011	41.79600	-72.43622
Greg Bugbee	0.30	Sand	4	2	5.0		0	0	1	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	8/1/2011	41.79602	-72.43616
Greg Bugbee	0.70	Sand	4	3	10.0		0	0	0	0	0	0	0	1	0	3	0	0	0	0	0	0	0	0	8/1/2011	41.79607	-72.43612
Greg Bugbee	1.00	Sand	4	4	20.0	Charaphyte	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	4	0	8/1/2011	41.79617	-72.43607
Greg Bugbee	1.80	Gravel	4	6	40.0		0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	8/1/2011	41.79633	-72.43598
Greg Bugbee	1.80	Gravel	4	7	50.0	Charaphyte	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	8/1/2011	41.79643	-72.43593
Greg Bugbee	1.80	Silt	4	8	60.0		0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	2	0	8/1/2011	41.79650	-72.43588
Greg Bugbee	1.80	Silt	4	9	70.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	8/1/2011	41.79658	-72.43585
Greg Bugbee	2.00	Silt	4	10	80.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	8/1/2011	41.79668	-72.43580
Greg Bugbee	0.20	Rock	5	1	0.1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8/1/2011	41.79779	-72.43590
Greg Bugbee	2.00	Silt	5	2	5.0		0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	8/1/2011	41.79783	-72.43587



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Surveyor	Depth (m)	Substrate	Transect	Point	Distance from Shore (m)	Notes	<i>Cabomba caroliniana</i>	<i>Ceratophyllum demersum</i>	<i>Elatine</i> species	<i>Eleocharis</i> species	<i>Elodea nuttallii</i>	<i>Gratiola aurea</i>	<i>Glossostigma cleistanthum</i>	<i>Isoetes</i> species	<i>Najas flexilis</i>	<i>Najas guadalupensis</i>	<i>Nymphaea odorata</i>	<i>Potamogeton amplifolius</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton foliosus</i>	<i>Sagittaria</i> species	<i>Vallisneria americana</i>	<i>Zosterella dubia</i>	Date	Latitude	Longitude	
Greg Bugbee	2.50	Silt	5	3	10.0		0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	8/1/2011	41.79787	-72.43583
Greg Bugbee	3.00	Silt	5	4	20.0		0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	8/1/2011	41.79783	-72.43567
Greg Bugbee	3.00	Silt	5	5	30.0		0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	8/1/2011	41.79788	-72.43554
Greg Bugbee	3.00	Silt	5	6	40.0		0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	8/1/2011	41.79789	-72.43543
Greg Bugbee	2.80	Silt	5	7	50.0		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	8/1/2011	41.79796	-72.43530
Greg Bugbee	1.90	Silt	5	8	60.0		0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	8/1/2011	41.79792	-72.43522
Greg Bugbee	2.80	Silt	5	9	70.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	8/1/2011	41.79795	-72.43508
Greg Bugbee	1.80	Silt	5	10	80.0		0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	8/1/2011	41.79793	-72.43497
Greg Bugbee	0.00	Gravel	5	2	5.0		0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	8/1/2011	41.79911	-72.43730
Greg Bugbee	0.20	Gravel	6	1	0.2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8/1/2011	41.79915	-72.43737
Greg Bugbee	1.50	Gravel	6	3	10.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	8/1/2011	41.79916	-72.43723
Greg Bugbee	2.00	Silt	6	4	20.0		0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	8/1/2011	41.79920	-72.43714
Greg Bugbee	1.80	Silt	6	5	30.0		0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	8/1/2011	41.79919	-72.43703
Greg Bugbee	3.20	Silt	6	6	40.0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8/1/2011	41.79929	-72.43693
Greg Bugbee	3.30	Silt	6	7	50.0		0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	8/1/2011	41.79943	-72.43688
Greg Bugbee	3.10	Silt	6	8	60.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	8/1/2011	41.79946	-72.43673
Greg Bugbee	3.30	Silt	6	9	70.0		0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	8/1/2011	41.79940	-72.43657
Greg Bugbee	3.20	Silt	6	10	80.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	8/1/2011	41.79936	-72.43640
Greg Bugbee	0.10	Muck	7	1	0.2		0	0	0	0	2	0	0	0	2	2	2	2	2	2	0	0	0	2	8/1/2011	41.80013	-72.43802
Greg Bugbee	0.30	Muck	7	2	5.0		0	0	2	2	2	0	0	0	2	2	1	2	2	0	0	0	0	0	8/1/2011	41.80015	-72.43796
Greg Bugbee	0.30	Muck	7	3	10.0	Charaphyte	0	0	0	0	2	0	0	0	2	3	0	0	0	0	0	0	0	2	8/1/2011	41.80018	-72.43790



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Surveyor	Depth (m)	Substrate	Transect	Point	Distance from Shore (m)	Notes	<i>Cabomba caroliniana</i>	<i>Ceratophyllum demersum</i>	<i>Elatine</i> species	<i>Eleocharis</i> species	<i>Elodea nuttallii</i>	<i>Gratiola aurea</i>	<i>Glossostigma cleistanthum</i>	<i>Isoetes</i> species	<i>Najas flexilis</i>	<i>Najas guadalupensis</i>	<i>Nymphaea odorata</i>	<i>Potamogeton amplifolius</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton foliosus</i>	<i>Sagittaria</i> species	<i>Vallisneria americana</i>	<i>Zosterella dubia</i>	Date	Latitude	Longitude	
Greg Bugbee	0.70	Silt	7	4	20.0	Charaphyte	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	8/1/2011	41.80025	-72.43784
Greg Bugbee	1.00	Silt	7	5	30.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	8/1/2011	41.80031	-72.43775
Greg Bugbee	1.50	Silt	7	6	40.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	8/1/2011	41.80039	-72.43769
Greg Bugbee	1.80	Silt	7	7	50.0		0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	8/1/2011	41.80041	-72.43754
Greg Bugbee	1.80	Silt	7	8	60.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	8/1/2011	41.80045	-72.43743
Greg Bugbee	2.20	Silt	7	9	70.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	8/1/2011	41.80052	-72.43735
Greg Bugbee	2.00	Silt	7	10	80.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	8/1/2011	41.80055	-72.43724
Greg Bugbee	0.10	Gravel	8	1	0.1		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	8/1/2011	41.80152	-72.43751
Greg Bugbee	0.60	Gravel	8	2	5.0		0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	8/1/2011	41.80152	-72.43743
Greg Bugbee	1.00	Sand	8	3	10.0		0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	8/1/2011	41.80154	-72.43738
Greg Bugbee	2.00	Silt	8	4	20.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	8/1/2011	41.80153	-72.43727
Greg Bugbee	3.00	Silt	8	5	30.0		0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	8/1/2011	41.80154	-72.43716
Greg Bugbee	3.20	Silt	8	6	40.0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8/1/2011	41.80147	-72.43701
Greg Bugbee	3.30	Silt	8	7	50.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	8/1/2011	41.80152	-72.43689
Greg Bugbee	3.00	Silt	8	8	60.0		0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	8/1/2011	41.80149	-72.43679
Greg Bugbee	2.85	Silt	8	9	70.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	8/1/2011	41.80146	-72.43669
Greg Bugbee	3.30	Silt	8	10	80.0		0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	8/1/2011	41.80136	-72.43649
Greg Bugbee	0.10	Gravel	9	1	0.2		0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	8/1/2011	41.80281	-72.43712
Greg Bugbee	0.50	Silt	9	2	5.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	8/1/2011	41.80276	-72.43703
Greg Bugbee	0.80	Silt	9	3	10.0		0	0	0	0	1	0	0	0	0	4	0	0	0	0	0	0	0	0	8/1/2011	41.80272	-72.43701
Greg Bugbee	1.50	Silt	9	4	20.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	8/1/2011	41.80265	-72.43694



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Surveyor	Depth (m)	Substrate	Transect	Point	Distance from Shore (m)	Notes	<i>Cabomba caroliniana</i>	<i>Ceratophyllum demersum</i>	<i>Elatine</i> species	<i>Eleocharis</i> species	<i>Elodea nuttallii</i>	<i>Gratiola aurea</i>	<i>Glossostigma cleistanthum</i>	<i>Isoetes</i> species	<i>Najas flexilis</i>	<i>Najas guadalupensis</i>	<i>Nymphaea odorata</i>	<i>Potamogeton amplifolius</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton foliosus</i>	<i>Sagittaria</i> species	<i>Vallisneria americana</i>	<i>Zosterella dubia</i>	Date	Latitude	Longitude	
Greg Bugbee	1.50	Silt	9	5	30.0		0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	8/1/2011	41.80264	-72.43684
Greg Bugbee	1.80	Silt	9	6	40.0		0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	8/1/2011	41.80261	-72.43668
Greg Bugbee	3.00	Silt	9	8	60.0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8/1/2011	41.80248	-72.43652
Greg Bugbee	2.00	Silt	9	7	50.0		0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	8/1/2011	41.80250	-72.43671
Greg Bugbee	3.30	Silt	9	9	70.0		0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	8/1/2011	41.80245	-72.43641
Greg Bugbee	3.30	Silt	9	10	80.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	8/1/2011	41.80242	-72.43627
Greg Bugbee	0.20	Rock	10	1	0.1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8/1/2011	41.80438	-72.43431
Greg Bugbee	1.00	Gravel	10	2	5.0		0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	8/1/2011	41.80435	-72.43425
Greg Bugbee	2.00	Silt	10	3	10.0	Charaphyte	0	0	0	0	1	0	0	0	0	3	0	0	0	0	0	0	0	0	8/1/2011	41.80439	-72.43419
Greg Bugbee	2.00	Silt	10	4	20.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	8/1/2011	41.80435	-72.43409
Greg Bugbee	3.30	Silt	10	5	30.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	8/1/2011	41.80424	-72.43397
Greg Bugbee	3.50	Silt	10	6	40.0		0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	8/1/2011	41.80422	-72.43388
Greg Bugbee	3.00	Silt	10	7	50.0		0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	8/1/2011	41.80411	-72.43383
Greg Bugbee	3.00	Silt	10	8	60.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	8/1/2011	41.80409	-72.43372
Greg Bugbee	3.20	Silt	10	9	70.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	8/1/2011	41.80400	-72.43364
Greg Bugbee	3.80	Silt	10	10	80.0		0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	8/1/2011	41.80399	-72.43345
Greg Bugbee	0.20	Gravel	11	1	0.5		0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	7/28/2011	41.80680	-72.43233
Greg Bugbee	1.50	Gravel	11	2	5.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	7/28/2011	41.80673	-72.43231
Greg Bugbee	1.80	Gravel	11	3	10.0		0	0	0	0	2	0	0	0	0	4	0	0	0	0	0	0	0	0	7/28/2011	41.80673	-72.43223
Greg Bugbee	0.00	Silt	11	4	20.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	7/28/2011	41.80673	-72.43208
Greg Bugbee	3.00	Silt	11	5	30.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	7/28/2011	41.80664	-72.43203



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 <a href="http://www.fcc.gov/mb/audio/bickel/DDDMSS-decimal.html">http://www.fcc.gov/mb/audio/bickel/DDDMSS-decimal.html</a>																					
Surveyor	Depth (m)	Substrate	Transect	Point	Distance from Shore (m)	Notes	<i>Cabomba caroliniana</i>	<i>Ceratophyllum demersum</i>	<i>Elatine</i> species	<i>Eleocharis</i> species	<i>Elodea nuttallii</i>	<i>Gratiola aurea</i>	<i>Glossostigma cleistanthum</i>	<i>Isoetes</i> species	<i>Najas flexilis</i>	<i>Najas guadalupensis</i>	<i>Nymphaea odorata</i>	<i>Potamogeton amplifolius</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton foliosus</i>	<i>Sagittaria</i> species	<i>Vallisneria americana</i>	<i>Zosterella dubia</i>	Date	Latitude	Longitude	
Greg Bugbee	3.50	Silt	11	6	40.0		0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	7/28/2011	41.80662	-72.43190
Greg Bugbee	4.00	Silt	11	7	50.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	7/28/2011	41.80660	-72.43175
Greg Bugbee	4.00	Silt	11	8	60.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	7/28/2011	41.80655	-72.43165
Greg Bugbee	4.00	Silt	11	9	70.0		0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	7/28/2011	41.80648	-72.43156
Greg Bugbee	4.50	Silt	11	10	80.0		0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	7/28/2011	41.80648	-72.43145
Greg Bugbee	0.20	Gravel	12	0	0.5		0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	7/28/2011	41.80767	-72.43028
Greg Bugbee	1.00	Gravel	12	2	5.0	Charaphyte	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	7/28/2011	41.80764	-72.43033
Greg Bugbee	1.00	Gravel	12	3	10.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	7/28/2011	41.80760	-72.43036
Greg Bugbee	2.00	Gravel	12	4	20.0		0	0	0	0	0	0	0	0	0	3	0	1	0	0	0	0	0	0	7/28/2011	41.80752	-72.43043
Greg Bugbee	2.50	Silt	12	5	30.0		0	0	0	0	0	0	0	0	0	3	0	2	0	0	0	0	0	0	7/28/2011	41.80743	-72.43045
Greg Bugbee	2.50	Silt	12	6	40.0		0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	7/28/2011	41.80735	-72.43048
Greg Bugbee	3.00	Silt	12	7	50.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	7/28/2011	41.80726	-72.43048
Greg Bugbee	3.00	Silt	12	8	60.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	7/28/2011	41.80717	-72.43053
Greg Bugbee	2.00	Silt	12	9	70.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	7/28/2011	41.80707	-72.43059
Greg Bugbee	3.00	Silt	12	10	80.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	7/28/2011	41.80698	-72.43063
Greg Bugbee	0.10	Sand	13	1	0.1		0	0	0	0	0	0	2	0	0	3	0	0	0	0	0	0	0	0	7/28/2011	41.80519	-72.42986
Greg Bugbee	1.00	Sand	13	2	5.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	7/28/2011	41.80518	-72.42993
Greg Bugbee	1.20	Sand	13	3	10.0	Charaphyte	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	7/28/2011	41.80518	-72.42999
Greg Bugbee	1.50	Silt	13	4	20.0	Charaphyte	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/28/2011	41.80515	-72.43009
Greg Bugbee	1.50	Silt	13	5	30.0	Charaphyte	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	7/28/2011	41.80511	-72.43024
Greg Bugbee	2.00	Silt	13	6	40.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	7/28/2011	41.80507	-72.43035





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Surveyor	Depth (m)	Substrate	Transect	Point	Distance from Shore (m)	Notes	<i>Cabomba caroliniana</i>	<i>Ceratophyllum demersum</i>	<i>Elatine</i> species	<i>Eleocharis</i> species	<i>Elodea nuttallii</i>	<i>Gratiola aurea</i>	<i>Glossostigma cleistanthum</i>	<i>Isoetes</i> species	<i>Najas flexilis</i>	<i>Najas guadalupensis</i>	<i>Nymphaea odorata</i>	<i>Potamogeton amplifolius</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton foliosus</i>	<i>Sagittaria</i> species	<i>Vallisneria americana</i>	<i>Zosterella dubia</i>	Date	Latitude	Longitude	
Greg Bugbee	2.50	Silt	13	7	50.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	7/28/2011	41.80503	-72.43043
Greg Bugbee	2.50	Silt	13	8	60.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	7/28/2011	41.80516	-72.43058
Greg Bugbee	2.50	Silt	13	9	70.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	7/28/2011	41.80505	-72.43070
Greg Bugbee	3.00	Silt	13	10	80.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	7/28/2011	41.80508	-72.43081
Greg Bugbee	0.10	Sand	14	1	0.5	Charaphyte	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	7/28/2011	41.80415	-72.42897
Greg Bugbee	0.90	Gravel	14	2	5.0	Charaphyte	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	7/28/2011	41.80412	-72.42901
Greg Bugbee	1.20	Gravel	14	3	10.0	Charaphyte	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	7/28/2011	41.80407	-72.42906
Greg Bugbee	1.80	Gravel	14	4	20.0	Charaphyte	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	7/28/2011	41.80409	-72.42923
Greg Bugbee	2.00	Silt	14	5	30.0	Charaphyte	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	7/28/2011	41.80406	-72.42932
Greg Bugbee	2.00	Sand	14	6	40.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	7/28/2011	41.80399	-72.42940
Greg Bugbee	2.50	Silt	14	7	50.0		0	0	0	0	3	0	0	0	0	3	0	0	0	0	0	0	0	0	7/28/2011	41.80394	-72.42950
Greg Bugbee	2.50	Silt	14	8	60.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	7/28/2011	41.80395	-72.42961
Greg Bugbee	2.50	Silt	14	9	70.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	7/28/2011	41.80391	-72.42963
Greg Bugbee	3.50	Silt	14	10	80.0		0	0	0	0	0	0	0	0	0	3	0	1	0	0	0	0	0	0	7/28/2011	41.80390	-72.42988
Greg Bugbee	0.10	Gravel	15	1	0.5		0	0	2	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	7/28/2011	41.80238	-72.42734
Greg Bugbee	0.30	Gravel	15	2	5.0		0	0	0	0	2	0	0	0	0	3	0	0	0	0	0	0	0	0	7/28/2011	41.80236	-72.42738
Greg Bugbee	0.70	Sand	15	3	10.0		0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	7/28/2011	41.80233	-72.42745
Greg Bugbee	1.50	Gravel	15	4	20.0	Charaphyte	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	7/28/2011	41.80230	-72.42755
Greg Bugbee	1.80	Sand	15	5	30.0	Charaphyte	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/28/2011	41.80232	-72.42769
Greg Bugbee	1.80	Silt	15	6	40.0	Charaphyte	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	7/28/2011	41.80229	-72.42780
Greg Bugbee	2.00	Silt	15	7	50.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	7/28/2011	41.80223	-72.42792



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 <a href="http://www.fcc.gov/mb/audio/bickel/DDDMSS-decimal.html">http://www.fcc.gov/mb/audio/bickel/DDDMSS-decimal.html</a>																					
Surveyor	Depth (m)	Substrate	Transect	Point	Distance from Shore (m)	Notes	<i>Cabomba caroliniana</i>	<i>Ceratophyllum demersum</i>	<i>Elatine</i> species	<i>Eleocharis</i> species	<i>Elodea nuttallii</i>	<i>Gratiola aurea</i>	<i>Glossostigma cleistanthum</i>	<i>Isoetes</i> species	<i>Najas flexilis</i>	<i>Najas guadalupensis</i>	<i>Nymphaea odorata</i>	<i>Potamogeton amplifolius</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton foliosus</i>	<i>Sagittaria</i> species	<i>Vallisneria americana</i>	<i>Zosterella dubia</i>	Date	Latitude	Longitude	
Greg Bugbee	3.00	Silt	15	8	60.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	7/28/2011	41.80219	-72.42803
Greg Bugbee	3.00	Silt	15	9	70.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	7/28/2011	41.80217	-72.42813
Greg Bugbee	3.00	Silt	15	10	80.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	7/28/2011	41.80207	-72.42819
Greg Bugbee	0.20	Gravel	16	1	0.5		0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	7/28/2011	41.80119	-72.42676
Greg Bugbee	0.40	Sand	16	2	5.0	Charaphyte	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	7/28/2011	41.80119	-72.42681
Greg Bugbee	1.00	Gravel	16	3	10.0		0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	7/28/2011	41.80118	-72.42687
Greg Bugbee	1.00	Sand	16	4	20.0	Charaphyte	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	7/28/2011	41.80118	-72.42701
Greg Bugbee	1.00	Gravel	16	5	30.0	Charaphyte	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	7/28/2011	41.80116	-72.42712
Greg Bugbee	0.00	Gravel	16	6	40.0	Charaphyte	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/28/2011	41.80114	-72.42728
Greg Bugbee	1.50	Silt	16	7	50.0	Charaphyte	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/28/2011	41.80112	-72.42736
Greg Bugbee	2.00	Silt	16	8	60.0		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	7/28/2011	41.80106	-72.42748
Greg Bugbee	0.00	Silt	16	9	70.0	Charaphyte	0	0	0	0	2	0	0	0	0	3	0	0	0	0	0	0	0	0	7/28/2011	41.80104	-72.42757
Greg Bugbee	2.50	Silt	16	10	80.0	Charaphyte	0	0	0	0	2	0	0	0	0	4	0	0	0	0	0	0	0	0	7/28/2011	41.80105	-72.42773
Greg Bugbee	0.20	Gravel	17	1	0.2		1	0	0	0	2	0	0	0	0	2	0	0	0	0	0	2	0	2	7/28/2011	41.80008	-72.42579
Greg Bugbee	0.40	Sand	17	2	5.0		0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	7/28/2011	41.80005	-72.42583
Greg Bugbee	1.00	Sand	17	3	10.0		0	0	0	0	0	0	0	0	3	4	0	0	0	0	2	2	0	2	7/28/2011	41.80001	-72.42590
Greg Bugbee	1.00	Gravel	17	4	20.0		0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	7/28/2011	41.79995	-72.42600
Greg Bugbee	1.20	Silt	17	5	30.0	Charaphyte	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/28/2011	41.79991	-72.42608
Greg Bugbee	1.80	Silt	17	6	40.0	Charaphyte	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	7/28/2011	41.79986	-72.42618
Greg Bugbee	0.00	Silt	17	7	50.0	Charaphyte	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/28/2011	41.79980	-72.42627
Greg Bugbee	2.00	Silt	17	8	60.0	Charaphyte	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	7/28/2011	41.79980	-72.42644





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 <a href="http://www.fcc.gov/mb/audio/bickel/DDDMSS-decimal.html">http://www.fcc.gov/mb/audio/bickel/DDDMSS-decimal.html</a>																								
Surveyor	Depth (m)	Substrate	Transect	Point	Distance from Shore (m)	Notes	<i>Cabomba caroliniana</i>	<i>Ceratophyllum demersum</i>	<i>Elatine</i> species	<i>Eleocharis</i> species	<i>Elodea nuttallii</i>	<i>Gratiola aurea</i>	<i>Glossostigma cleistanthum</i>	<i>Isoetes</i> species	<i>Najas flexilis</i>	<i>Najas guadalupensis</i>	<i>Nymphaea odorata</i>	<i>Potamogeton amplifolius</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton foliosus</i>	<i>Sagittaria</i> species	<i>Vallisneria americana</i>	<i>Zosterella dubia</i>	Date	Latitude	Longitude				
Greg Bugbee	2.00	Silt	17	9	70.0	Charaphyte	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/28/2011	41.79977	-72.42653
Greg Bugbee	2.00	Silt	17	10	80.0	Charaphyte	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/28/2011	41.79975	-72.42665
Greg Bugbee	0.20	Rock	18	1	0.1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/28/2011	41.79850	-72.42744
Greg Bugbee	2.00	Rock	18	2	5.0	Charaphyte	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	7/28/2011	41.79851	-72.42751
Greg Bugbee	3.00	Silt	18	3	10.0		0	0	0	0	1	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	7/28/2011	41.79858	-72.42754
Greg Bugbee	3.00	Silt	18	4	20.0		0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	7/28/2011	41.79860	-72.42762
Greg Bugbee	3.00	Silt	18	5	30.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	7/28/2011	41.79874	-72.42768
Greg Bugbee	3.50	Silt	18	6	40.0		0	1	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	7/28/2011	41.79880	-72.42772
Greg Bugbee	3.50	Silt	18	7	50.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	7/28/2011	41.79888	-72.42781
Greg Bugbee	3.50	Silt	18	8	60.0		0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	7/28/2011	41.79889	-72.42798
Greg Bugbee	3.50	Silt	18	9	70.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	7/28/2011	41.79897	-72.42804
Greg Bugbee	3.00	Silt	18	10	80.0		0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	7/28/2011	41.79895	-72.42818

