

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/DDMMSS-decimal.html">http://www.fcc.gov/mb/audio/bickel/DDMMSS-decimal.html</a>																
Surveyor	Depth (m)	Substrate	Transect	Point	Distance From Shore (m)	<i>Alisma</i> species	<i>Brasenia schreberi</i>	<i>Cabomba caroliniana</i>	<i>Eleocharis</i> species	<i>Eriocaulon aquaticum</i>	<i>Gratiola aurea</i>	<i>Lobelia dortmanna</i>	<i>Myriophyllum heterophyllum</i>	<i>Nuphar variegata</i>	<i>Nymphaea odorata</i>	<i>Nymphoides cordata</i>	<i>Pontederia cordata</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton epihydrus</i>	<i>Potamogeton foliosus</i>	<i>Potamogeton natans</i>	<i>Potamogeton pulcher</i>	<i>Sagittaria</i> species	<i>Sparganium</i> species	<i>Utricularia gibba</i>	<i>Utricularia intermedia</i>	<i>Utricularia macrorhiza</i>	<i>Utricularia minima</i>	<i>Utricularia purpurea</i>	<i>Utricularia radiata</i>	Date	Latitude	Longitude
Mark June-Wells	0.10	Muck	1	1	0.5	0	0	1	0	0	0	0	0	1	4	0	1	0	0	0	0	0	0	0	0	4	0	0	3	0	6/19/2012	41.40562	-72.50163
Mark June-Wells	0.75	Muck	1	2	5	0	0	3	0	0	0	0	0	1	4	0	0	0	0	0	0	0	0	0	1	4	2	0	1	0	6/19/2012	41.40559	-72.50158
Mark June-Wells	0.75	Muck	1	3	10	0	0	1	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	4	1	0	0	2	6/19/2012	41.40555	-72.50155	
Mark June-Wells	0.75	Muck	1	4	20	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	1	4	3	0	0	3	6/19/2012	41.40548	-72.50146
Mark June-Wells	0.75	Muck	1	5	30	0	0	1	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	1	3	0	0	1	2	6/19/2012	41.40543	-72.50133
Mark June-Wells	1.13	Muck	1	6	40	0	0	4	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	6/19/2012	41.40537	-72.50119	
Mark June-Wells	0.00	Muck	1	7	50	0	2	4	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2	6/19/2012	41.40529	-72.50115
Mark June-Wells	1.23	Muck	1	8	60	0	0	1	0	0	0	0	0	2	3	0	0	0	0	0	0	0	0	0	3	0	0	2	0	6/19/2012	41.40519	-72.50104	
Mark June-Wells	1.32	Muck	1	9	70	0	1	2	0	0	0	0	1	2	2	0	0	0	0	0	2	1	0	0	0	0	0	0	0	6/19/2012	41.40512	-72.50098	
Mark June-Wells	1.44	Muck	1	10	80	0	0	4	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/19/2012	41.40503	-72.50094	
Mark June-Wells	0.10	Sand	2	1	0.5	0	0	2	0	2	2	1	0	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0	6/20/2012	41.40365	-72.5026	
Mark June-Wells	0.50	Sand	2	2	5	0	1	2	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	6/20/2012	41.40368	-72.50256	
Mark June-Wells	1.75	Muck	2	3	10	0	0	2	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/20/2012	41.4037	-72.50252	
Mark June-Wells	2.74	Muck	2	4	20	0	0	3	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/20/2012	41.40376	-72.5024	
Mark June-Wells	3.33	Muck	2	5	30	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	6/20/2012	41.40374	-72.50226	
Mark June-Wells	3.70	Muck	2	6	40	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	6/20/2012	41.40374	-72.50212	
Mark June-Wells	3.68	Muck	2	7	50	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	6/20/2012	41.40381	-72.50201	
Mark June-Wells	4.08	Muck	2	8	60	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/20/2012	41.40378	-72.50187	
Mark June-Wells	3.98	Muck	2	9	70	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/20/2012	41.40386	-72.5018	
Mark June-Wells	3.91	Muck	2	10	80	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/20/2012	41.40392	-72.50167	
Mark June-Wells	0.10	Muck	3	1	0.5	0	0	0	3	0	3	0	0	0	4	0	3	0	1	0	1	0	0	0	0	0	0	0	0	6/20/2012	41.4007	-72.5013	



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Surveyor	Depth (m)	Substrate	Transect	Point	Distance From Shore (m)	<i>Alisma species</i>	<i>Brasenia schreberi</i>	<i>Cabomba caroliniana</i>	<i>Eleocharis species</i>	<i>Eriocaulon aquaticum</i>	<i>Gratiola aurea</i>	<i>Lobelia dortmanna</i>	<i>Myriophyllum heterophyllum</i>	<i>Nuphar variegata</i>	<i>Nymphaea odorata</i>	<i>Nymphoides cordata</i>	<i>Pontederia cordata</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton epihydrus</i>	<i>Potamogeton foliosus</i>	<i>Potamogeton natans</i>	<i>Potamogeton pulcher</i>	<i>Sagittaria species</i>	<i>Sparganium species</i>	<i>Utricularia gibba</i>	<i>Utricularia intermedia</i>	<i>Utricularia macrorhiza</i>	<i>Utricularia minima</i>	<i>Utricularia purpurea</i>	<i>Utricularia radiata</i>	Date	Latitude	Longitude	
Mark June-Wells	0.78	Muck	3	2	5	0	3	2	0	0	0	0	3	0	0	0	0	0	0	0	3	0	3	0	2	0	0	0	0	0	0	6/20/2012	41.4007	-72.50124
Mark June-Wells	1.25	Muck	3	3	10	0	0	3	0	0	0	0	3	3	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	6/20/2012	41.40075	-72.50118
Mark June-Wells	1.67	Muck	3	4	20	0	0	2	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	6/20/2012	41.40085	-72.50111	
Mark June-Wells	1.80	Muck	3	5	30	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/20/2012	41.4009	-72.50103	
Mark June-Wells	2.26	Muck	3	6	40	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/20/2012	41.4009	-72.50088	
Mark June-Wells	4.14	Muck	3	7	50	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/20/2012	41.40096	-72.50072	
Mark June-Wells	4.54	Muck	3	8	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/20/2012	41.40097	-72.50065	
Mark June-Wells	5.10	Muck	3	9	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/20/2012	41.40098	-72.50045	
Mark June-Wells	7.92	Muck	3	10	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/20/2012	41.40104	-72.50034	
Mark June-Wells	0.50	Muck	4	1	0.5	0	0	1	0	2	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0	0	6/20/2012	41.39856	-72.49968	
Mark June-Wells	1.25	Muck	4	2	5	0	0	0	0	2	0	0	0	0	3	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	6/20/2012	41.3986	-72.49963	
Mark June-Wells	1.95	Muck	4	3	10	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	6/20/2012	41.39868	-72.49961	
Mark June-Wells	4.23	Muck	4	4	20	0	0	1	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	6/20/2012	41.39872	-72.49951	
Mark June-Wells	4.88	Muck	4	5	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/20/2012	41.39876	-72.49936	
Mark June-Wells	5.15	Muck	4	6	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/20/2012	41.39877	-72.49924	
Mark June-Wells	5.41	Muck	4	7	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/20/2012	41.39878	-72.49911	
Mark June-Wells	6.20	Muck	4	8	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/20/2012	41.39883	-72.49901	
Mark June-Wells	6.85	Muck	4	9	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/20/2012	41.39885	-72.49888	
Mark June-Wells	7.68	Muck	4	10	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/20/2012	41.39895	-72.49876	
Mark June-Wells	0.13	Sand	5	1	0.5	1	0	0	0	0	0	3	0	0	0	1	1	0	2	0	0	0	0	0	0	1	0	0	0	0	6/20/2012	41.40118	-72.49642	
Mark June-Wells	0.52	Sand	5	2	5	0	4	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	6/20/2012	41.40117	-72.49647	



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Surveyor	Depth (m)	Substrate	Transect	Point	Distance From Shore (m)	<i>Alisma</i> species	<i>Brasenia schreberi</i>	<i>Cabomba caroliniana</i>	<i>Eleocharis</i> species	<i>Eriocaulon aquaticum</i>	<i>Gratiola aurea</i>	<i>Lobelia dortmanna</i>	<i>Myriophyllum heterophyllum</i>	<i>Nuphar variegata</i>	<i>Nymphaea odorata</i>	<i>Nymphoides cordata</i>	<i>Pontederia cordata</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton epihydrus</i>	<i>Potamogeton foliosus</i>	<i>Potamogeton natans</i>	<i>Potamogeton pulcher</i>	<i>Sagittaria</i> species	<i>Sparganium</i> species	<i>Utricularia gibba</i>	<i>Utricularia intermedia</i>	<i>Utricularia macrorhiza</i>	<i>Utricularia minima</i>	<i>Utricularia purpurea</i>	<i>Utricularia radiata</i>	Date	Latitude	Longitude
Mark June-Wells	1.41	Muck	5	3	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	2	6/20/2012	41.40117	-72.49656
Mark June-Wells	7.70	Muck	5	4	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/20/2012	41.40108	-72.49666
Mark June-Wells	0.90	Muck	6	1	0.5	0	4	2	0	0	0	0	0	1	0	3	0	0	0	3	0	0	0	0	1	2	0	0	0	0	6/21/2012	41.40224	-72.49633
Mark June-Wells	1.00	Muck	6	2	5	0	3	2	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	2	6/21/2012	41.40221	-72.49636
Mark June-Wells	1.15	Muck	6	3	10	0	4	1	0	0	0	0	3	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	3	6/21/2012	41.40222	-72.49643	
Mark June-Wells	1.50	Muck	6	4	20	0	0	4	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/21/2012	41.40218	-72.49655
Mark June-Wells	2.47	Muck	6	5	30	0	0	3	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	6/21/2012	41.40212	-72.49669	
Mark June-Wells	3.30	Muck	6	6	40	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/21/2012	41.40199	-72.49678	
Mark June-Wells	5.60	Muck	6	7	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/21/2012	41.40202	-72.49684	
Mark June-Wells	6.68	Muck	6	8	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/21/2012	41.40197	-72.49703	
Mark June-Wells	7.40	Muck	6	9	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/21/2012	41.40196	-72.49713	
Mark June-Wells	8.00	Muck	6	10	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/21/2012	41.40191	-72.49723	
Mark June-Wells	0.50	Muck	7	1	0.5	0	1	1	0	0	0	0	4	0	4	0	0	1	0	2	3	0	0	0	1	2	0	0	1	2	6/21/2012	41.40344	-72.49765
Mark June-Wells	1.00	Muck	7	2	5	0	0	1	0	0	0	0	0	4	0	0	0	0	0	1	0	0	0	3	3	0	0	0	0	6/21/2012	41.40343	-72.49766	
Mark June-Wells	1.45	Muck	7	3	10	0	0	4	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/21/2012	41.40337	-72.49773	
Mark June-Wells	2.14	Muck	7	4	20	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/21/2012	41.40328	-72.49781	
Mark June-Wells	3.45	Muck	7	5	30	0	0	3	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/21/2012	41.40319	-72.49784	
Mark June-Wells	4.27	Muck	7	6	40	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/21/2012	41.40308	-72.49791	
Mark June-Wells	4.51	Muck	7	7	50	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/21/2012	41.40302	-72.49791	
Mark June-Wells	4.29	Muck	7	8	60	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/21/2012	41.40299	-72.49807	
Mark June-Wells	4.33	Muck	7	9	70	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/21/2012	41.40291	-72.49818	



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Mark June-Wells	4.48	Muck	7	10	80	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/21/2012	41.40285	-72.49826
Mark June-Wells	0.20	Sand	8	1	0.5	0	0	0	0	3	3	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/21/2012	41.40393	-72.4995
Mark June-Wells	1.25	Sand	8	2	5	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6/21/2012	41.40392	-72.49956	
Mark June-Wells	1.62	Sand	8	3	10	0	0	0	0	0	0	0	2	0	0	0	0	3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	6/21/2012	41.40383	-72.49958	
Mark June-Wells	2.10	Muck	8	4	20	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/21/2012	41.40371	-72.49966	
Mark June-Wells	4.50	Muck	8	5	30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/21/2012	41.40372	-72.49974	
Mark June-Wells	5.20	Muck	8	6	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/21/2012	41.40366	-72.49982	
Mark June-Wells	6.70	Muck	8	7	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/21/2012	41.40357	-72.49994	
Mark June-Wells	7.10	Muck	8	8	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/21/2012	41.40351	-72.49999	
Mark June-Wells	7.60	Muck	8	9	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/21/2012	41.4034	-72.49999	
Mark June-Wells	9.37	Muck	8	10	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6/21/2012	41.40338	-72.50011	

