

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>Brasenia schreberi</i>	<i>Egeria densa</i>	<i>Elatine minima</i>	<i>Eleocharis acicularis</i>	<i>Elodea nuttallii</i>	<i>Eriocaulon aquaticum</i>	<i>Gratiola aurea</i>	<i>Isoetes species</i>	<i>Myriophyllum humile</i>	<i>Najas flexilis</i>	<i>Nuphar variegata</i>	<i>Nymphaea odorata</i>	<i>Pontederia cordata</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton natans</i>	<i>Proserpinaca palustris</i>	<i>Sagittaria species</i>	<i>Sparganium species</i>	<i>Utricularia gibba</i>	<i>Utricularia intermedia</i>	<i>Utricularia macrorhiza</i>	<i>Utricularia minor</i>	<i>Utricularia purpurea</i>	<i>Utricularia radiata</i>	<i>Vallisneria americana</i>	Date	Latitude	Longitude
Mark June-Wells	0.50	Sand	1	1	0.5		0	0	1	3	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	2	0	9/7/2012	42.0107	-72.25451
Mark June-Wells	0.70	Sand	1	2	5		0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	9/7/2012	42.0106	-72.25457
Mark June-Wells	1.10	Muck	1	3	10		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	9/7/2012	42.0106	-72.25464
Mark June-Wells	1.70	Muck	1	4	20		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0	1	0	9/7/2012	42.0106	-72.25474
Mark June-Wells	2.10	Muck	1	5	30		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	9/7/2012	42.0106	-72.25486
Mark June-Wells	2.30	Muck	1	6	40		0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	9/7/2012	42.0107	-72.255
Mark June-Wells	2.80	Muck	1	7	50		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	9/7/2012	42.0107	-72.2551
Mark June-Wells	3.20	Muck	1	8	60		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	9/7/2012	42.0108	-72.25523
Mark June-Wells	3.50	Muck	1	9	70		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	9/7/2012	42.0107	-72.25537
Mark June-Wells	3.60	Muck	1	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	9/7/2012	42.0107	-72.25549
Mark June-Wells	0.21	Gravel	2	1	0.5		0	0	0	2	0	0	2	1	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	1	1	9/7/2012	42.0119	-72.25409
Mark June-Wells	0.50	Gravel	2	2	5		0	0	0	0	0	2	0	0	0	0	0	0	3	2	0	1	0	0	0	0	0	0	2	3	2	9/7/2012	42.012	-72.25412
Mark June-Wells	1.00	Muck	2	3	10		0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	3	9/7/2012	42.0119	-72.25422	
Mark June-Wells	1.90	Muck	2	4	20		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	9/7/2012	42.0119	-72.25433	
Mark June-Wells	2.40	Muck	2	5	30		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	1	0	9/7/2012	42.012	-72.25446
Mark June-Wells	2.60	Muck	2	6	40		0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	9/7/2012	42.012	-72.25457
Mark June-Wells	2.80	Muck	2	7	50		0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	1	0	9/7/2012	42.012	-72.25469
Mark June-Wells	2.90	Muck	2	8	60		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	9/7/2012	42.012	-72.25484
Mark June-Wells	3.20	Muck	2	9	70		0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	9/7/2012	42.0121	-72.2549
Mark June-Wells	3.30	Muck	2	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	9/7/2012	42.0121	-72.25501
Mark June-Wells	0.78	Gravel	3	1	0.5		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0	9/7/2012	42.0145	-72.25397



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Surveyor	Depth (m)	Substrate	Transect	Point	Distance From Shore (m)	Notes	<i>Brasenia schreberi</i>	<i>Egeria densa</i>	<i>Elatine minima</i>	<i>Eleocharis acicularis</i>	<i>Elodea nuttallii</i>	<i>Eriocaulon aquaticum</i>	<i>Gratiola aurea</i>	<i>Isoetes species</i>	<i>Myriophyllum humile</i>	<i>Najas flexilis</i>	<i>Nuphar variegata</i>	<i>Nymphaea odorata</i>	<i>Pontederia cordata</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton natans</i>	<i>Proserpinaca palustris</i>	<i>Sagittaria species</i>	<i>Sparganium species</i>	<i>Utricularia gibba</i>	<i>Utricularia intermedia</i>	<i>Utricularia macrorhiza</i>	<i>Utricularia minor</i>	<i>Utricularia purpurea</i>	<i>Utricularia radiata</i>	<i>Vallisneria americana</i>	Date	Latitude	Longitude	
Mark June-Wells	2.60	Gravel	3	2	5		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	9/7/2012	42.0145	-72.25401
Mark June-Wells	2.40	Muck	3	3	10		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	9/7/2012	42.0145	-72.25403
Mark June-Wells	3.00	Muck	3	4	20		0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	9/7/2012	42.0145	-72.25419
Mark June-Wells	3.00	Muck	3	5	30		0	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	9/7/2012	42.0145	-72.25431
Mark June-Wells	3.00	Muck	3	6	40		0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	9/7/2012	42.0144	-72.25444
Mark June-Wells	3.00	Muck	3	7	50		0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	9/7/2012	42.0144	-72.25459
Mark June-Wells	3.00	Muck	3	8	60		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	9/7/2012	42.0144	-72.25469
Mark June-Wells	3.10	Muck	3	9	70		0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	9/7/2012	42.0143	-72.25479
Mark June-Wells	3.20	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	0	9/7/2012	42.0143	-72.25489
Mark June-Wells	0.10	Muck	4	1	0.5		0	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	4	0	1	0	0	2	0	0	0	9/7/2012	42.0167	-72.25441	
Mark June-Wells	0.25	Muck	4	2	5		0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	3	0	0	0	1	0	0	0	0	0	9/7/2012	42.0166	-72.25444
Mark June-Wells	0.50	Muck	4	3	10		0	0	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	9/7/2012	42.0166	-72.25448	
Mark June-Wells	0.70	Muck	4	4	20		0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3	0	4	9/7/2012	42.0165	-72.25441	
Mark June-Wells	1.05	Muck	4	5	30		0	1	0	3	0	0	0	0	0	0	0	0	3	0	0	2	0	0	0	0	0	0	0	3	9/7/2012	42.0164	-72.25439		
Mark June-Wells	0.90	Muck	4	6	40		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	9/7/2012	42.0163	-72.25428		
Mark June-Wells	1.00	Muck	4	7	50		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	3	3	9/7/2012	42.0162	-72.25422		
Mark June-Wells	1.10	Muck	4	8	60		0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	9/7/2012	42.0162	-72.25418		
Mark June-Wells	1.00	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	2	0	9/7/2012	42.0161	-72.25413		
Mark June-Wells	1.40	Muck	4	10	80		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	9/7/2012	42.016	-72.25413		
Mark June-Wells	0.50	Muck	5	1	0.5		2	0	0	3	0	0	0	0	0	0	2	3	0	0	2	0	0	4	0	2	0	0	0	0	9/6/2012	42.0176	-72.25864		
Mark June-Wells	0.50	Muck	5	2	5		2	0	0	0	0	0	0	0	0	0	1	3	0	0	3	0	0	3	0	3	0	0	0	1	9/6/2012	42.0176	-72.25866		



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Surveyor	Depth (m)	Substrate	Transect	Point	Distance From Shore (m)	Notes	<i>Brasenia schreberi</i>	<i>Egeria densa</i>	<i>Elatine minima</i>	<i>Eleocharis acicularis</i>	<i>Elodea nuttallii</i>	<i>Eriocaulon aquaticum</i>	<i>Gratiola aurea</i>	<i>Isoetes species</i>	<i>Myriophyllum humile</i>	<i>Najas flexilis</i>	<i>Nuphar variegata</i>	<i>Nymphaea odorata</i>	<i>Pontederia cordata</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton natans</i>	<i>Proserpinaca palustris</i>	<i>Sagittaria species</i>	<i>Sparganium species</i>	<i>Utricularia gibba</i>	<i>Utricularia intermedia</i>	<i>Utricularia macrorhiza</i>	<i>Utricularia minor</i>	<i>Utricularia purpurea</i>	<i>Utricularia radiata</i>	<i>Vallisneria americana</i>	Date	Latitude	Longitude	
Mark June-Wells	1.00	Muck	5	3	10		0	0	0	3	0	0	0	0	0	0	0	3	0	1	3	0	0	1	0	0	0	0	0	0	0	0	9/6/2012	42.0175	-72.25866
Mark June-Wells	1.00	Muck	5	4	20		2	0	0	2	0	0	0	0	0	0	1	3	0	2	1	0	0	3	0	0	0	0	0	0	0	0	9/6/2012	42.0174	-72.25868
Mark June-Wells	0.50	Muck	5	5	30		3	0	0	0	0	0	0	0	0	0	2	3	0	0	3	0	0	0	1	2	0	0	1	0	0	9/6/2012	42.0173	-72.25869	
Mark June-Wells	1.00	Muck	5	6	40		4	0	0	3	0	0	0	0	0	0	0	0	0	0	2	0	0	0	3	0	0	2	1	0	0	9/6/2012	42.0173	-72.25869	
Mark June-Wells	1.00	Muck	5	7	50		4	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	2	0	0	0	0	0	9/6/2012	42.0172	-72.25871	
Mark June-Wells	1.00	Muck	5	8	60		4	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	2	0	0	0	9/6/2012	42.0171	-72.25871	
Mark June-Wells	1.25	Muck	5	9	70		4	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	3	0	0	1	0	0	0	9/6/2012	42.017	-72.25868	
Mark June-Wells	1.50	Muck	5	10	80		4	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	3	2	0	0	0	0	0	9/6/2012	42.0169	-72.25867	
Mark June-Wells	0.66	Gravel	6	1	0.5		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	9/6/2012	42.015	-72.2574	
Mark June-Wells	2.00	Muck	6	2	5		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	9/6/2012	42.015	-72.25734	
Mark June-Wells	2.69	Muck	6	3	10		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	9/6/2012	42.0149	-72.25724	
Mark June-Wells	2.61	Muck	6	4	20		0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	3	0	0	0	0	0	0	9/6/2012	42.0149	-72.25715	
Mark June-Wells	2.87	Muck	6	5	30		0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3	0	0	0	0	0	0	0	9/6/2012	42.0149	-72.25701	
Mark June-Wells	2.82	Muck	6	6	40		0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0	9/6/2012	42.0148	-72.25693	
Mark June-Wells	2.85	Muck	6	7	50		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	3	9/6/2012	42.0148	-72.25679	
Mark June-Wells	2.84	Muck	6	8	60		0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	3	9/6/2012	42.0147	-72.25671	
Mark June-Wells	2.92	Muck	6	9	70		0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	0	0	0	0	0	0	9/6/2012	42.0147	-72.2566	
Mark June-Wells	2.87	Muck	6	10	80		0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	9/6/2012	42.0147	-72.25641	
Mark June-Wells	0.50	Bedrock	7	1	0.5		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	9/6/2012	42.0129	-72.25647	
Mark June-Wells	0.91	Muck	7	2	5		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	9/6/2012	42.0129	-72.25642	
Mark June-Wells	1.83	Gravel	7	3	10		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	9/6/2012	42.0129	-72.25633	



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Mark June-Wells	2.20	Muck	7	4	20		0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	9/6/2012	42.0129	-72.2562
Mark June-Wells	2.46	Muck	7	5	30		0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	9/6/2012	42.0129	-72.25609
Mark June-Wells	2.66	Muck	7	6	40		0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	9/6/2012	42.013	-72.25599
Mark June-Wells	3.21	Muck	7	7	50		0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	9/6/2012	42.013	-72.25586
Mark June-Wells	3.42	Muck	7	8	60		0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	9/6/2012	42.0129	-72.25576
Mark June-Wells	3.48	Muck	7	9	70		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	9/6/2012	42.013	-72.25564
Mark June-Wells	3.65	Muck	7	10	80		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	9/6/2012	42.013	-72.2555
Mark June-Wells	0.45	Gravel	8	1	0.5		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	9/6/2012	42.0102	-72.25716
Mark June-Wells	1.21	Gravel	8	2	5		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	9/6/2012	42.0102	-72.25709
Mark June-Wells	3.06	Muck	8	3	10		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	9/6/2012	42.0102	-72.25703
Mark June-Wells	3.52	Muck	8	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	0	9/6/2012	42.0102	-72.25688
Mark June-Wells	3.48	Muck	8	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	0	9/6/2012	42.0103	-72.25676
Mark June-Wells	3.62	Muck	8	6	40		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	9/6/2012	42.0103	-72.25665
Mark June-Wells	3.72	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	9/6/2012	42.0103	-72.25653
Mark June-Wells	3.84	Muck	8	8	60		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	9/6/2012	42.0103	-72.25639
Mark June-Wells	3.90	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	9/6/2012	42.0103	-72.25627
Mark June-Wells	3.80	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	1	0	9/6/2012	42.0103	-72.25617
Mark June-Wells	2.28	Muck	9	1	0.5	off shore	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3	0	0	0	0	0	0	0	0	0	9/6/2012	42.0048	-72.25822
Mark June-Wells	3.35	Muck	9	2	5		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	9/6/2012	42.0048	-72.25816
Mark June-Wells	4.11	Muck	9	3	10		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	9/6/2012	42.0048	-72.25807
Mark June-Wells	4.10	Muck	9	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	0	9/6/2012	42.0048	-72.25798



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>Brasenia schreberi</i>	<i>Egeria densa</i>	<i>Elatine minima</i>	<i>Eleocharis acicularis</i>	<i>Elodea nuttallii</i>	<i>Eriocaulon aquaticum</i>	<i>Gratiola aurea</i>	<i>Isoetes species</i>	<i>Myriophyllum humile</i>	<i>Najas flexilis</i>	<i>Nuphar variegata</i>	<i>Nymphaea odorata</i>	<i>Pontederia cordata</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton natans</i>	<i>Proserpinaca palustris</i>	<i>Sagittaria species</i>	<i>Sparganium species</i>	<i>Utricularia gibba</i>	<i>Utricularia intermedia</i>	<i>Utricularia macrorhiza</i>	<i>Utricularia minor</i>	<i>Utricularia purpurea</i>	<i>Utricularia radiata</i>	<i>Vallisneria americana</i>	Date	Latitude	Longitude	
Mark June-Wells	4.20	Muck	9	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	0	9/6/2012	42.0047	-72.2579
Mark June-Wells	4.30	Muck	9	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	9/6/2012	42.0048	-72.25776
Mark June-Wells	4.30	Muck	9	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	9/6/2012	42.0048	-72.25763
Mark June-Wells	4.30	Muck	9	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	9/6/2012	42.0048	-72.25748
Mark June-Wells	4.30	Muck	9	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	9/6/2012	42.0048	-72.25734
Mark June-Wells	4.40	Muck	9	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	9/6/2012	42.0048	-72.25725
Mark June-Wells	0.81	Sand	10	1	0.5		0	0	3	3	0	0	2	0	0	0	0	0	0	3	0	0	2	0	0	0	0	0	0	0	0	0	9/6/2012	42.0016	-72.25911
Mark June-Wells	1.42	Sand	10	2	5		0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	3	9/6/2012	42.0016	-72.25906
Mark June-Wells	2.05	Muck	10	3	10		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	9/6/2012	42.0016	-72.25899	
Mark June-Wells	3.43	Muck	10	4	20		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	9/6/2012	42.0016	-72.25887
Mark June-Wells	4.00	Muck	10	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	0	9/6/2012	42.0017	-72.25873
Mark June-Wells	4.10	Muck	10	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	9/6/2012	42.0017	-72.25863
Mark June-Wells	4.10	Muck	10	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	9/6/2012	42.0017	-72.25848
Mark June-Wells	4.20	Muck	10	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	9/6/2012	42.0017	-72.25839
Mark June-Wells	4.20	Muck	10	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	9/6/2012	42.0016	-72.25823
Mark June-Wells	4.10	Muck	10	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	9/6/2012	42.0017	-72.25808
Mark June-Wells	0.50	Bedrock	11	1	0.5		0	0	0	0	0	2	0	0	0	0	0	0	3	0	0	0	0	1	0	0	0	0	0	2	0	9/8/2012	41.9976	-72.25934	
Mark June-Wells	1.10	Gravel	11	2	5		0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	9/8/2012	41.9976	-72.25929	
Mark June-Wells	1.20	Muck	11	3	10		0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	9/8/2012	41.9976	-72.25923	
Mark June-Wells	4.00	Muck	11	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	9/8/2012	41.9976	-72.25906	
Mark June-Wells	4.20	Muck	11	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	9/8/2012	41.9976	-72.25895	



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Surveyor	Depth (m)	Substrate	Transect	Point	Distance From Shore (m)	Notes	<i>Brasenia schreberi</i>	<i>Egeria densa</i>	<i>Elatine minima</i>	<i>Eleocharis acicularis</i>	<i>Elodea nuttallii</i>	<i>Eriocaulon aquaticum</i>	<i>Gratiola aurea</i>	<i>Isoetes species</i>	<i>Myriophyllum humile</i>	<i>Najas flexilis</i>	<i>Nuphar variegata</i>	<i>Nymphaea odorata</i>	<i>Pontederia cordata</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton natans</i>	<i>Proserpinaca palustris</i>	<i>Sagittaria species</i>	<i>Sparganium species</i>	<i>Utricularia gibba</i>	<i>Utricularia intermedia</i>	<i>Utricularia macrorhiza</i>	<i>Utricularia minor</i>	<i>Utricularia purpurea</i>	<i>Utricularia radiata</i>	<i>Vallisneria americana</i>	Date	Latitude	Longitude	
Mark June-Wells	4.20	Muck	11	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	9/8/2012	41.9976	-72.25883
Mark June-Wells	4.10	Muck	11	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	9/8/2012	41.9976	-72.25873
Mark June-Wells	4.20	Muck	11	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	9/8/2012	41.9976	-72.25858
Mark June-Wells	4.30	Muck	11	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	9/8/2012	41.9976	-72.25851
Mark June-Wells	4.40	Muck	11	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	9/8/2012	41.9975	-72.25835
Mark June-Wells	0.50	Sand	12	1	0.5		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	9/8/2012	41.9938	-72.25676
Mark June-Wells	1.10	Muck	12	2	5		0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	2	0	9/8/2012	41.9938	-72.25676
Mark June-Wells	2.40	Muck	12	3	10		0	3	0	0	0	0	0	0	2	0	0	0	0	1	0	0	0	4	3	0	0	0	0	0	0	0	9/8/2012	41.9939	-72.25678
Mark June-Wells	2.50	Muck	12	4	20		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	1	0	0	0	0	0	9/8/2012	41.994	-72.25678
Mark June-Wells	2.60	Muck	12	5	30		0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	3	0	0	9/8/2012	41.9941	-72.25688	
Mark June-Wells	2.60	Muck	12	6	40		0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	1	0	0	9/8/2012	41.9942	-72.25677	
Mark June-Wells	2.50	Muck	12	7	50		0	3	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3	4	0	0	0	0	4	0	0	9/8/2012	41.9943	-72.25677	
Mark June-Wells	2.50	Muck	12	8	60		0	3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3	2	0	0	0	0	0	0	0	9/8/2012	41.9944	-72.25686	
Mark June-Wells	2.30	Muck	12	9	70		0	3	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	2	0	0	0	2	0	0	9/8/2012	41.9945	-72.25683		
Mark June-Wells	2.20	Muck	12	10	80		0	3	0	0	1	0	0	0	0	0	0	0	3	0	1	1	0	4	0	0	0	0	0	0	0	9/8/2012	41.9945	-72.25681	
Mark June-Wells	0.10	Gravel	13	1	0.5		0	0	2	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9/8/2012	41.9967	-72.25574	
Mark June-Wells	0.50	Gravel	13	2	5		0	0	0	3	0	0	2	3	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	9/8/2012	41.9968	-72.2558	
Mark June-Wells	0.80	Muck	13	3	10		0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	9/8/2012	41.9967	-72.25587	
Mark June-Wells	1.30	Muck	13	4	20		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	1	0	0	9/8/2012	41.9967	-72.25602		
Mark June-Wells	1.60	Muck	13	5	30		0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	3	0	0	0	0	0	0	0	0	9/8/2012	41.9967	-72.25614		
Mark June-Wells	2.00	Muck	13	6	40		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	9/8/2012	41.9968	-72.25628		



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Surveyor	Depth (m)	Substrate	Transect	Point	Distance From Shore (m)	Notes	<i>Brasenia schreberi</i>	<i>Egeria densa</i>	<i>Elatine minima</i>	<i>Eleocharis acicularis</i>	<i>Elodea nuttallii</i>	<i>Eriocaulon aquaticum</i>	<i>Gratiola aurea</i>	<i>Isoetes species</i>	<i>Myriophyllum humile</i>	<i>Najas flexilis</i>	<i>Nuphar variegata</i>	<i>Nymphaea odorata</i>	<i>Pontederia cordata</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton natans</i>	<i>Proserpinaca palustris</i>	<i>Sagittaria species</i>	<i>Sparganium species</i>	<i>Utricularia gibba</i>	<i>Utricularia intermedia</i>	<i>Utricularia macrorhiza</i>	<i>Utricularia minor</i>	<i>Utricularia purpurea</i>	<i>Utricularia radiata</i>	<i>Vallisneria americana</i>	Date	Latitude	Longitude	
Mark June-Wells	2.10	Muck	13	7	50		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	9/8/2012	41.9968	-72.25636
Mark June-Wells	2.10	Muck	13	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	2	9/8/2012	41.9967	-72.25649
Mark June-Wells	2.00	Muck	13	9	70		0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1	3	9/8/2012	41.9968	-72.25663	
Mark June-Wells	2.00	Muck	13	10	80		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	9/8/2012	41.9968	-72.25672
Mark June-Wells	0.50	Gravel	14	1	0.5		0	0	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	9/7/2012	42.0032	-72.25612
Mark June-Wells	2.40	Gravel	14	2	5		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	9/7/2012	42.0033	-72.25621
Mark June-Wells	3.60	Muck	14	3	10		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	9/7/2012	42.0032	-72.25627	
Mark June-Wells	4.00	Muck	14	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	0	9/7/2012	42.0033	-72.25637
Mark June-Wells	4.20	Muck	14	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	0	9/7/2012	42.0033	-72.25646
Mark June-Wells	4.40	Muck	14	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	9/7/2012	42.0033	-72.25661
Mark June-Wells	4.50	Muck	14	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	9/7/2012	42.0033	-72.25672
Mark June-Wells	4.40	Muck	14	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	9/7/2012	42.0033	-72.25682
Mark June-Wells	4.40	Muck	14	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	9/7/2012	42.0034	-72.25692
Mark June-Wells	4.40	Muck	14	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	9/7/2012	42.0034	-72.25706
Mark June-Wells	0.20	Gravel	15	1	0.5		0	0	1	3	0	0	2	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	9/7/2012	42.0084	-72.25531
Mark June-Wells	1.00	Gravel	15	2	5		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	9/7/2012	42.0084	-72.25538	
Mark June-Wells	2.10	Muck	15	3	10		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	9/7/2012	42.0085	-72.25543
Mark June-Wells	3.20	Muck	15	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	0	9/7/2012	42.0085	-72.25555
Mark June-Wells	3.30	Muck	15	5	30		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	9/7/2012	42.0084	-72.25568
Mark June-Wells	3.50	Muck	15	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	9/7/2012	42.0085	-72.25583
Mark June-Wells	3.60	Muck	15	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	9/7/2012	42.0085	-72.25592



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>Brasenia schreberi</i>	<i>Egeria densa</i>	<i>Elatine minima</i>	<i>Eleocharis acicularis</i>	<i>Elodea nuttallii</i>	<i>Eriocaulon aquaticum</i>	<i>Gratiola aurea</i>	<i>Isoetes species</i>	<i>Myriophyllum humile</i>	<i>Najas flexilis</i>	<i>Nuphar variegata</i>	<i>Nymphaea odorata</i>	<i>Pontederia cordata</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton natans</i>	<i>Proserpinaca palustris</i>	<i>Sagittaria species</i>	<i>Sparganium species</i>	<i>Utricularia gibba</i>	<i>Utricularia intermedia</i>	<i>Utricularia macrorhiza</i>	<i>Utricularia minor</i>	<i>Utricularia purpurea</i>	<i>Utricularia radiata</i>	<i>Vallisneria americana</i>	Date	Latitude	Longitude
Mark June-Wells	3.80	Muck	15	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	9/7/2012	42.0085	-72.25605
Mark June-Wells	3.90	Muck	15	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	9/7/2012	42.0085	-72.25618
Mark June-Wells	3.90	Muck	15	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	9/7/2012	42.0085	-72.25627

