

*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> *Invasive																		
Surveyor	Depth (m)	Substrate	Wind Direction	Transect Number	Point	Meters from Shore	Notes	<i>Brasenia schreberi</i>	<i>Ceratophyllum echinatum</i>	<i>Ludwigia palustris</i>	<i>Najas guadalupensis</i>	<i>Najas minor</i> *	<i>Nymphaea odorata</i>	<i>Polygonum amphibium</i>	<i>Potamogeton amplifolius</i>	<i>Potamogeton foliosus</i>	<i>Potamogeton pusillus</i>	<i>Potamogeton robbinsii</i>	<i>Sagittaria sp.</i>	<i>Utricularia purpurea</i>	<i>Utricularia macrorhiza</i>	<i>Vallisneria americana</i>	Date	Latitude	Longitude	
Greg Bugbee	0.10	Muck	NW	1	1	0.5		0	0	0	0	0	5	2	0	0	0	0	0	0	0	0	0	7/26/2010	41.34105	-72.73559
Greg Bugbee	1.20	Muck	NW	1	2	5.0	filamentous algae on bottom	0	0	0	0	0	3	0	1	0	0	1	0	0	0	0	0	7/26/2010	41.34102	-72.73558
Greg Bugbee	1.50	Muck	NW	1	3	10.0	filamentous algae on bottom	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	7/26/2010	41.34097	-72.73558
Greg Bugbee	1.80	Muck	NW	1	4	20.0		0	0	0	0	0	0	0	2	0	0	2	0	0	1	0	0	7/26/2010	41.34088	-72.73559
Greg Bugbee	2.00	Muck	NW	1	5	30.0		0	2	0	2	0	0	1	0	0	0	0	0	0	0	0	0	7/26/2010	41.34079	-72.73560
Greg Bugbee	3.00	Muck	NW	1	6	40.0		0	2	0	2	2	0	0	0	0	0	0	0	0	0	0	0	7/26/2010	41.34069	-72.73557
Greg Bugbee	2.00	Muck	NW	1	7	50.0		0	1	0	1	1	0	0	0	0	0	0	0	0	0	1	0	7/26/2010	41.34062	-72.73552
Greg Bugbee	2.20	Muck	NW	1	8	60.0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/26/2010	41.34057	-72.73524
Greg Bugbee	2.30	Muck	NW	1	9	70.0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/26/2010	41.34045	-72.73519
Greg Bugbee	3.00	Muck	NW	1	10	80.0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/26/2010	41.34041	-72.73524
Greg Bugbee	0.30	Muck	NW	2	1	0.2		0	0	0	0	0	5	2	0	0	0	0	0	0	0	0	0	7/26/2010	41.34053	-72.73366
Greg Bugbee	1.00	Muck	NW	2	2	5.0		0	0	0	0	0	3	0	0	1	0	2	0	0	0	0	0	7/26/2010	41.34051	-72.73363
Greg Bugbee	1.60	Muck	NW	2	3	10.0		0	0	0	0	0	0	0	1	0	0	3	0	0	0	0	0	7/26/2010	41.34044	-72.73363
Greg Bugbee	2.10	Muck	NW	2	4	20.0		0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/26/2010	41.34034	-72.73364
Greg Bugbee	2.20	Muck	NW	2	5	30.0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/26/2010	41.34027	-72.73369
Greg Bugbee	2.50	Muck	NW	2	6	40.0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/26/2010	41.34016	-72.73340
Greg Bugbee	2.50	Muck	NW	2	7	50.0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/26/2010	41.34012	-72.73346
Greg Bugbee	2.80	Muck	NW	2	8	60.0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/26/2010	41.34007	-72.73338
Greg Bugbee	3.20	Muck	NW	2	9	70.0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/26/2010	41.33988	-72.73346
Greg Bugbee	3.60	Muck	NW	2	10	80.0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/26/2010	41.33977	-72.73348
Greg Bugbee	0.30	Gravel	NW	3	1	0.5		0	0	0	0	0	4	2	0	0	0	0	0	0	0	0	0	7/26/2010	41.33794	-72.73065
Greg Bugbee	0.50	Rock	NW	3	2	0.0		0	1	0	0	0	4	0	0	0	0	0	0	0	0	0	0	7/26/2010	41.33794	-72.73070
Greg Bugbee	1.00	Muck	NW	3	3	10.0		0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	7/26/2010	41.33793	-72.73076
Greg Bugbee	2.30	Muck	NW	3	4	20.0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/26/2010	41.33786	-72.73091
Greg Bugbee	3.20	Muck	NW	3	5	30.0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/26/2010	41.33779	-72.73101
Greg Bugbee	3.20	Muck	NW	3	6	40.0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/26/2010	41.33779	-72.73098
Greg Bugbee	3.50	Muck	NW	3	7	50.0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/26/2010	41.33767	-72.73119
Greg Bugbee	3.50	Muck	NW	3	8	6.0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/26/2010	41.33765	-72.73106



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Surveyor	Depth (m)	Substrate	Wind Direction	Transect Number	Point	Meters from Shore	Notes	<i>Brasenia schreberi</i>	<i>Ceratophyllum echinatum</i>	<i>Ludwigia palustris</i>	<i>Najas guadalupensis</i>	<i>Najas minor</i> *	<i>Nymphaea odorata</i>	<i>Polygonum amphibium</i>	<i>Potamogeton amplifolius</i>	<i>Potamogeton foliosus</i>	<i>Potamogeton pusillus</i>	<i>Potamogeton robbinsii</i>	<i>Sagittaria sp.</i>	<i>Utricularia purpurea</i>	<i>Utricularia macrorhiza</i>	<i>Vallisneria americana</i>	Date	Latitude	Longitude	
Greg Bugbee	3.90	Muck	NW	3	9	70.0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/26/2010	41.33753	-72.73143
Greg Bugbee	3.00	Muck	NW	3	10	80.0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/26/2010	41.33745	-72.73139
Greg Bugbee	1.00	Muck	NW	4	1	10.0		2	3	1	0	0	4	0	0	0	0	0	0	0	2	0	0	7/26/2010	41.33419	-72.72892
Greg Bugbee	1.00	Muck	NW	4	2	5.0		2	2	0	0	0	3	0	0	0	0	2	0	0	0	0	0	7/26/2010	41.33424	-72.72892
Greg Bugbee	1.80	Muck	NW	4	3	10.0		2	2	0	0	0	3	0	0	0	0	2	0	0	0	2	0	7/26/2010	41.33428	-72.72898
Greg Bugbee	1.50	Muck	NW	4	4	20.0		1	2	1	0	0	2	0	0	0	0	2	0	0	0	2	0	7/26/2010	41.33437	-72.72902
Greg Bugbee	1.60	Muck	NW	4	5	30.0		0	3	1	0	0	1	0	1	0	0	1	0	0	0	0	0	7/26/2010	41.33448	-72.72904
Greg Bugbee	1.50	Muck	NW	4	6	40.0		0	3	0	0	0	0	0	0	0	0	2	0	0	0	0	0	7/26/2010	41.33455	-72.72909
Greg Bugbee	1.80	Muck	NW	4	7	50.0		0	5	0	0	0	0	0	0	0	0	1	0	0	0	0	0	7/26/2010	41.33463	-72.72914
Greg Bugbee	1.90	Muck	NW	4	8	60.0		0	3	0	0	0	0	0	0	0	0	1	0	0	0	0	0	7/26/2010	41.33473	-72.72924
Greg Bugbee	1.90	Muck	NW	4	9	70.0		0	4	0	0	0	0	0	0	0	0	1	0	0	0	0	0	7/26/2010	41.33478	-72.72917
Greg Bugbee	2.00	Muck	NW	4	10	80.0		0	4	0	0	0	0	0	0	0	0	1	0	0	0	0	0	7/26/2010	41.33487	-72.72932
Greg Bugbee	0.30	Muck	NW	5	1	0.3		0	2	0	0	0	4	0	0	0	0	0	0	1	0	0	0	7/29/2010	41.33609	-72.73213
Greg Bugbee	0.80	Muck	NW	5	2	5.0		0	0	0	0	0	4	0	0	0	0	0	0	1	0	0	0	7/29/2010	41.33612	-72.73209
Greg Bugbee	0.90	Silt	NW	5	3	10.0		0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	7/29/2010	41.33615	-72.73205
Greg Bugbee	1.80	Muck	NW	5	4	20.0		0	2	0	0	0	0	0	2	0	0	3	0	0	0	0	0	7/29/2010	41.33623	-72.73193
Greg Bugbee	2.50	Muck	NW	5	5	30.0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/29/2010	41.33632	-72.73186
Greg Bugbee	2.50	Muck	NW	5	6	40.0		0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	7/29/2010	41.33633	-72.73179
Greg Bugbee	2.80	Muck	NW	5	7	50.0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/29/2010	41.33635	-72.73160
Greg Bugbee	2.90	Muck	NW	5	8	60.0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/29/2010	41.33634	-72.73142
Greg Bugbee	3.00	Muck	NW	5	9	70.0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/29/2010	41.33625	-72.73133
Greg Bugbee	3.00	Muck	NW	5	10	80.0		0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	7/29/2010	41.33639	-72.73123
Greg Bugbee	0.10	Muck	NW	6	1	0.1		0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	7/29/2010	41.33869	-72.73595
Greg Bugbee	1.50	Muck	NW	6	2	5.0		0	0	0	0	0	3	0	1	0	0	3	0	0	0	0	0	7/29/2010	41.33871	-72.73593
Greg Bugbee	1.80	Muck	NW	6	3	10.0		0	2	0	0	0	3	0	0	0	0	0	0	0	0	0	0	7/29/2010	41.33873	-72.73587
Greg Bugbee	2.80	Muck	NW	6	4	20.0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/29/2010	41.33884	-72.73582
Greg Bugbee	3.00	Muck	NW	6	5	30.0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/29/2010	41.33891	-72.73577
Greg Bugbee	3.00	Muck	NW	6	6	40.0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/29/2010	41.33900	-72.73572



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Surveyor	Depth (m)	Substrate	Wind Direction	Transect Number	Point	Meters from Shore	Notes	<i>Brasenia schreberi</i>	<i>Ceratophyllum echinatum</i>	<i>Ludwigia palustris</i>	<i>Najas guadalupensis</i>	<i>Najas minor</i> *	<i>Nymphaea odorata</i>	<i>Polygonum amphibium</i>	<i>Potamogeton amplifolius</i>	<i>Potamogeton foliosus</i>	<i>Potamogeton pusillus</i>	<i>Potamogeton robbinsii</i>	<i>Sagittaria</i> sp.	<i>Utricularia purpurea</i>	<i>Utricularia macrorhiza</i>	<i>Vallisneria americana</i>	Date	Latitude	Longitude	
Greg Bugbee	3.10	Muck	NW	6	7	50.0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/29/2010	41.33908	-72.73569
Greg Bugbee	3.20	Muck	NW	6	8	60.0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/29/2010	41.33917	-72.73561
Greg Bugbee	4.00	Muck	NW	6	9	70.0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/29/2010	41.33921	-72.73546
Greg Bugbee	4.00	Muck	NW	6	10	80.0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7/29/2010	41.33927	-72.73533

