

*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/DDDMSS-decimal.html>

Surveyor	Depth	Substrate	Weather	Wind Direction	Transect Number	Points	Meters from Shore	Notes	Brasenia schreberi*	Elatine Species	Eleocharis Species	Eriocaulon aquaticum	Gratiola aurea	Isoetes species	Myriophyllum tenellum	Najas guadalupensis	Potamogeton bicupulatus	Potamogeton pusillus	Sagittaria species	Glossostigma cleistanthum	Vallisneria americana	Date	Latitude**	Longitude
Robert Capers	0.3	Gravel	Cloudy		1	1	0		0	4	0	3	0	0	0	0	3	0	0	3	0	7/14/2005	41.85887	-71.90158
Robert Capers	0.3	Gravel	Cloudy		1	2	5		0	4	0	2	0	0	0	0	0	0	0	0	0	7/14/2005	41.85891	-71.90154
Robert Capers	0.4	Sand	Cloudy		1	3	10		0	2	3	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85894	-71.90149
Robert Capers	1.8	Rock	Cloudy		1	4	0		0	0	4	3	0	0	0	0	0	0	0	4	0	7/14/2005	41.85902	-71.90141
Robert Capers	0		Cloudy		1	5	30		0	0	0	0	0	0	0	0	0	2	0	0	0	7/14/2005	41.85916	-71.90135
Robert Capers	0		Cloudy	East	1	6	40		0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85918	-71.90128
Robert Capers	0		Cloudy		1	7	50	too deep	0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85931	-71.90131
Robert Capers	0.2	Sand	Cloudy		2	1	0		0	0	0	2	0	0	0	0	0	0	0	0	0	7/14/2005	41.85754	-71.89919



Surveyor	Depth	Substrate	Weather	Wind Direction	Transect Number	Points	Meters from Shore	Notes	Brasenia schreberi*	Elatine Species	Eleocharis Species	Eriocaulon aquaticum	Gratiola aurea	Isoetes species	Myriophyllum tenellum	Najas guadalupensis	Potamogeton bicupulatus	Potamogeton pusillus	Sagittaria species	Glossostigma cleistanthum	Vallisneria americana	Date	Latitude**	Longitude
Robert Capers	0.3	Sand			2	2	0		0	0	4	3	3	0	0	0	0	0	0	4	0	7/14/2005	41.85759	-71.89917
Robert Capers	1.3	Sand	Cloudy		2	3	10		0	3	4	4	0	0	0	0	0	0	0	3	0	7/14/2005	41.85764	-71.89916
Robert Capers	3	Gravel	Cloudy	North	2	4	20		0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85773	-71.89913
Robert Capers	0		Cloudy		2	5	30		0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85780	-71.89907
Robert Capers	0		Cloudy	Southeast	2	6	40		0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85790	-71.89906
Robert Capers	0		Cloudy	East	2	7	50		0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85799	-71.89899
Robert Capers	0		Cloudy	Southeast	2	8	60		0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85807	-71.89898
Robert Capers	0		Cloudy	West	2	9	70	too deep	0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85815	-71.89893
Robert Capers	0.5	Sand	Cloudy		3	1	0		0	4	2	3	0	0	0	0	0	0	0	0	0	7/14/2005	41.85726	-71.89821
Robert Capers	1.2	Sand	Cloudy	Northeast	3	2	5		0	0	0	4	0	0	0	0	0	0	0	0	0	7/14/2005	41.85730	-71.89813



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Robert Capers	3.5	Gravel	Cloudy		3	3	10		0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85729	-71.89803
Robert Capers	0		Cloudy	Southeast	3	4	20		0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85735	-71.89798
Robert Capers	0		Cloudy	South	3	5	30		0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85737	-71.89786
Robert Capers	0		Cloudy	South	3	6	40		0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85744	-71.89779
Robert Capers	0		Cloudy	South	3	7	50		0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85745	-71.89762
Robert Capers	0		Cloudy	South	3	8	60	cara very abundant	0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85748	-71.89753
Robert Capers	0		Cloudy	Southeast	3	9	70	cara very abundant	0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85767	-71.89752
Robert Capers	0		Cloudy	South	3	10	80	cara very abundant	0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85773	-71.89746
Robert Capers	0.3	Sand	Cloudy	West	4	1	0		0	0	2	3	3	0	0	2	0	0	0	0	0	7/14/2005	41.85620	-71.89860
Robert Capers	1.5	Sand	partially sunny		4	2	5		0	0	0	3	0	0	3	0	0	0	0	0	4	7/14/2005	41.85624	-71.89858



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Robert Capers	3		partially sunny	West	4	3	10		0	0	3	0	0	4	0	0	0	0	0	0	0	7/14/2005	41.85629	-71.89861
Robert Capers	0		partially sunny	Northeast	4	4	20		0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85638	-71.89871
Robert Capers	0		partially sunny	South	4	5	30		0	0	0	0	0	0	0	1	0	0	0	0	0	7/14/2005	41.85646	-71.89872
Robert Capers	0		partially sunny	South	4	6	40		0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85654	-71.89879
Robert Capers	0		Cloudy	Southeast	4	7	50		0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85660	-71.89892
Robert Capers	4		Cloudy		4	8	60		1	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85665	-71.89901
Robert Capers	0		partially sunny		4	9	70		0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85674	-71.89904
Robert Capers	1.5	Sand	partially sunny	Northeast	4	10	80		3	0	0	2	0	0	0	2	0	0	3	0	0	7/14/2005	41.85684	-71.89907
Robert Capers	0.3	Sand	partially sunny		5	1	0		0	3	2	4	3	0	0	0	0	0	0	4	0	7/14/2005	41.85570	-71.90317
Robert Capers	0.7	Sand	partially sunny	West	5	2	5		0	0	4	3	0	0	0	0	0	0	0	4	0	7/14/2005	41.85570	-71.90322



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Robert Capers	2	Sand	partially sunny		5	3	10		0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85575	-71.90330
Robert Capers	3.4	Sand	partially sunny	Northwest	5	4	20		0	0	0	0	0	4	0	0	0	0	0	0	0	7/14/2005	41.85575	-71.90342
Robert Capers	0		partially sunny	Northwest	5	5	30	cara abundant	0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85574	-71.90356
Robert Capers	0		partially sunny	North	5	6	40		0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85575	-71.90366
Robert Capers	0		partially sunny		5	7	50	cara very abundant	0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85585	-71.90374
Robert Capers	0		partially sunny	South	5	8	60	cara abundant	0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85577	-71.90393
Robert Capers	0		partially sunny	Northwest	5	9	70	too deep	0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85599	-71.90396
Robert Capers	0.4	Sand	partially sunny		6	1	0		0	0	3	3	0	0	0	0	0	0	0	3	0	7/14/2005	41.85510	-71.90569
Robert Capers	0.8	Sand	partially sunny	Northwest	6	2	5		0	0	0	4	0	0	0	0	0	0	0	0	0	7/14/2005	41.85516	-71.90571
Robert Capers	2	Sand	Cloudy	Northwest	6	3	10		0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85519	-71.90575



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Robert Capers	0		windy	Northwest	6	4	20	too deep	0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85523	-71.90586
Robert Capers	0.3	Sand	Cloudy	North	7	1	0		0	0	3	0	1	0	0	0	0	0	0	3	0	7/14/2005	41.85379	-71.90598
Robert Capers	0.7	Sand	windy	North	7	2	5		0	0	4	0	0	0	0	0	0	0	0	3	0	7/14/2005	41.85380	-71.90605
Robert Capers	1.6	Sand	partially sunny	North	7	3	0		0	0	4	4	0	0	0	0	0	0	3	0	0	7/14/2005	41.85384	-71.90606
Robert Capers	0		windy	South	7	4	20	cara abundant	0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85383	-71.90623
Robert Capers	0		windy	Southwest	7	5	30		0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85386	-71.90636
Robert Capers	0		windy	Southwest	7	6	40	too deep	0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85386	-71.90650
Robert Capers	0.3	Sand	sunny	South	8	7	0		0	3	0	3	0	0	0	0	0	0	0	4	0	7/14/2005	41.85287	-71.90581
Robert Capers	1	Sand	sunny		8	2	5		0	0	3	3	0	0	0	0	0	0	4	0	0	7/14/2005	41.85283	-71.90583
Robert Capers	2	Sand	windy	Southeast	8	3	10		0	0	0	3	0	0	0	0	0	0	0	0	0	7/14/2005	41.85280	-71.90592



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Robert Capers	0	Sand	windy	South	8	4	20		0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85270	-71.90592
Robert Capers	0		windy	South	8	5	30		0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85261	-71.90599
Robert Capers	0		Cloudy	South	8	6	40		0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85256	-71.90597
Robert Capers	0		windy	South	8	7	50	cara abundant	0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85239	-71.90595
Robert Capers	0		windy	South	8	8	60	car abundant	0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85240	-71.90591
Robert Capers	0		partially sunny	South	8	9	70		0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85220	-71.90594
Robert Capers	0		windy	South	8	10	80	cara abundant	0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85222	-71.90600
Robert Capers	0.3	Sand	windy	South	9	1	0		0	3	3	3	0	0	0	0	1	0	0	2	0	7/14/2005	41.85188	-71.90537
	0.2	Sand			9	2	5		0	0	4	2	0	0	0	0	0	0	0	4	0	7/14/2005	41.85187	-71.90541
Robert Capers	1.6	Sand			9	3	10		0	0	0	4	0	0	0	0	0	0	0	0	0	7/14/2005	41.85180	-71.90545
Robert Capers	3	Sand	Cloudy		9	4	20		0	0	0	0	0	2	0	0	0	0	0	0	0	7/14/2005	41.85170	-71.90546



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Robert Capers	0		sunny	South	9	5	30	cara abundant	0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85161	-71.90553
Robert Capers	0		sunny	South	9	6	40		0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85160	-71.90558
Robert Capers	0		partially sunny		9	7	50		0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85150	-71.90571
Robert Capers	0		sunny	South	9	8	60		0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85147	-71.90589
Robert Capers	0				9	9	70		0	0	3	3	0	3	0	0	0	0	0	0	0	7/14/2005	41.85139	-71.90595
Robert Capers	0.3	Sand	partially sunny	South	9	10	80		0	2	2	0	0	0	0	0	0	0	0	3	0	7/14/2005	41.85132	-71.90595
Robert Capers	0.2	Sand			11	1	0		0	3	0	3	3	2	0	0	0	0	0	0	0	7/14/2005	41.85203	-71.90864
	0.4	Sand			11	2	5		0	0	4	3	0	0	0	0	0	0	0	4	0	7/14/2005	41.85207	-71.90859
Robert Capers	0.4	Sand			11	3	10		0	0	4	3	0	0	0	0	0	0	0	2	0	7/14/2005	41.85207	-71.90854
Robert Capers	3		sunny		11	4	20		0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85210	-71.90839
Robert Capers	3.7				11	5	30		0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85222	-71.90830



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Robert Capers	0		sunny		11	6	40		0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85221	-71.90818
Robert Capers	0		sunny	East	11	7	50	cara abundant	0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85211	-71.90807
Robert Capers	0		partially sunny	North	11	8	60		0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85223	-71.90792
Robert Capers	0		partially sunny	West	11	9	70		0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85226	-71.90781
Robert Capers	0		windy	West	11	10	80		0	0	0	0	0	0	0	0	0	0	0	0	0	7/14/2005	41.85221	-71.90769

