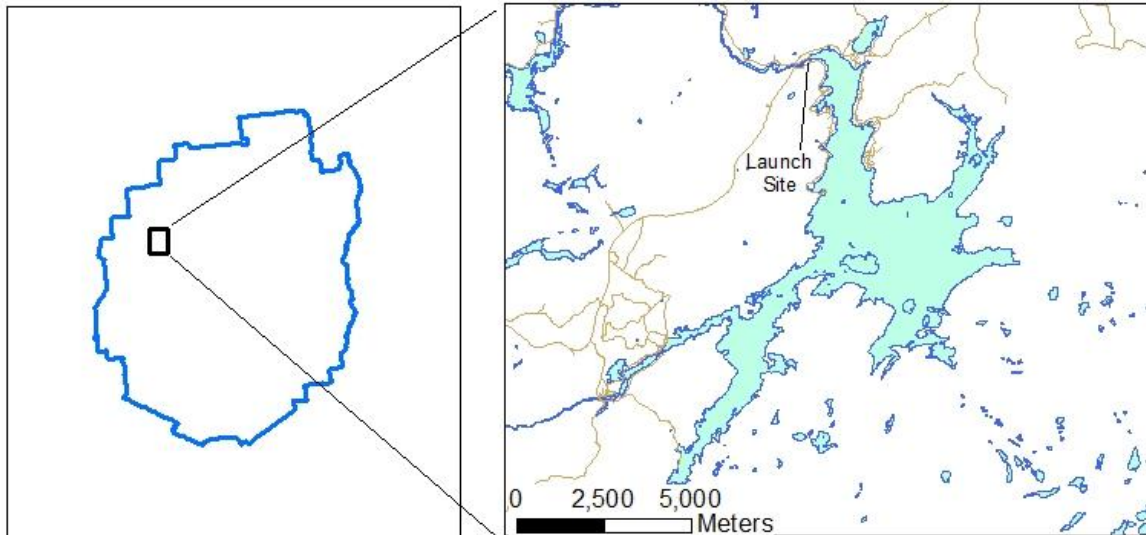


Cranberry Lake Aquatic Plant Survey 2012



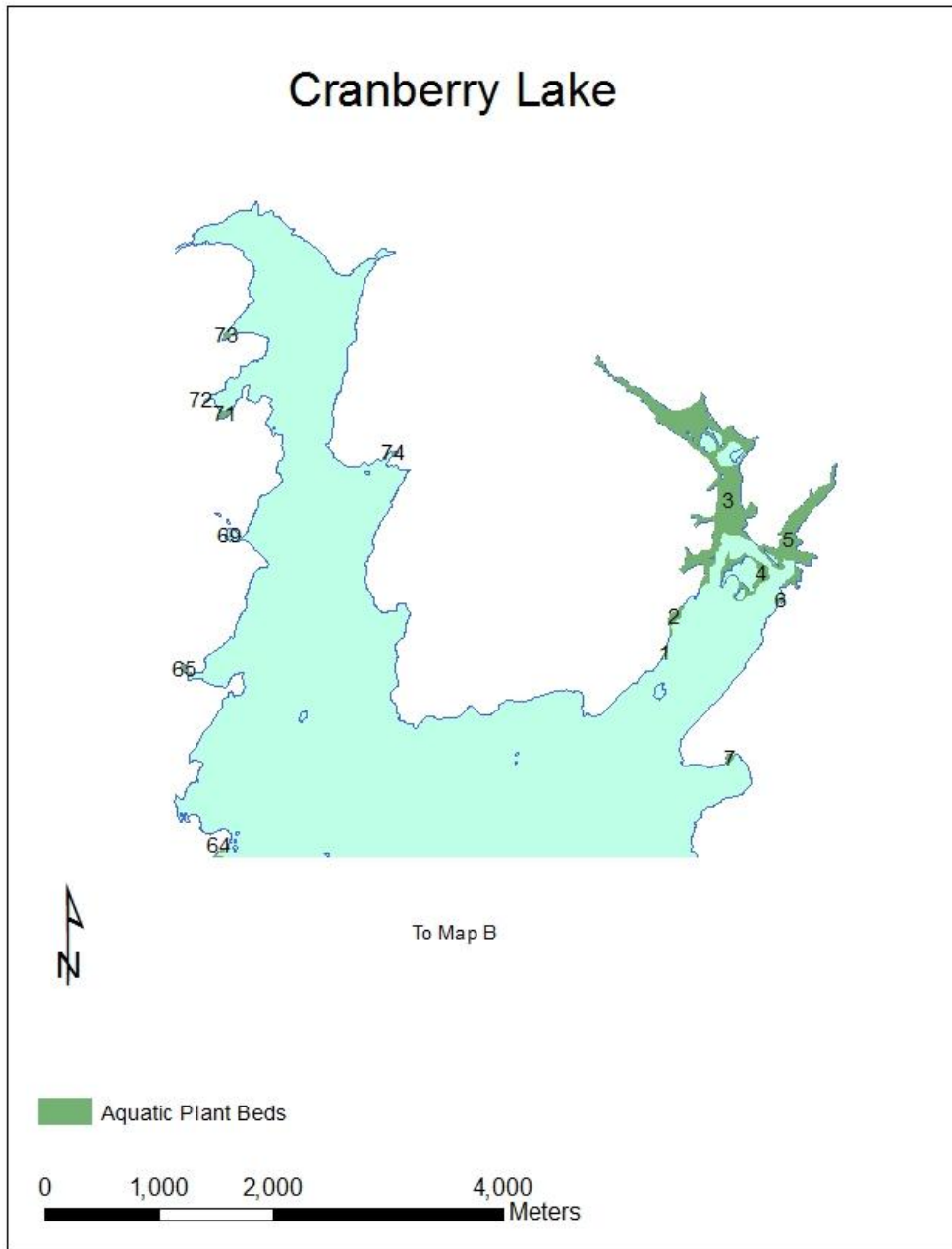
Map 32: Location of Cranberry Lake.

Cranberry Lake is located in the town of Clifton in St. Lawrence County, New York (Map 32). The 6995 acre lake was accessed by two access points, a hardtop DEC boat launch on the northern shore and a canoe launch out of Wanakena at the SUNY-ESF Ranger School. The DEC launch is found just off from State route 3 just west of Silver Lake.

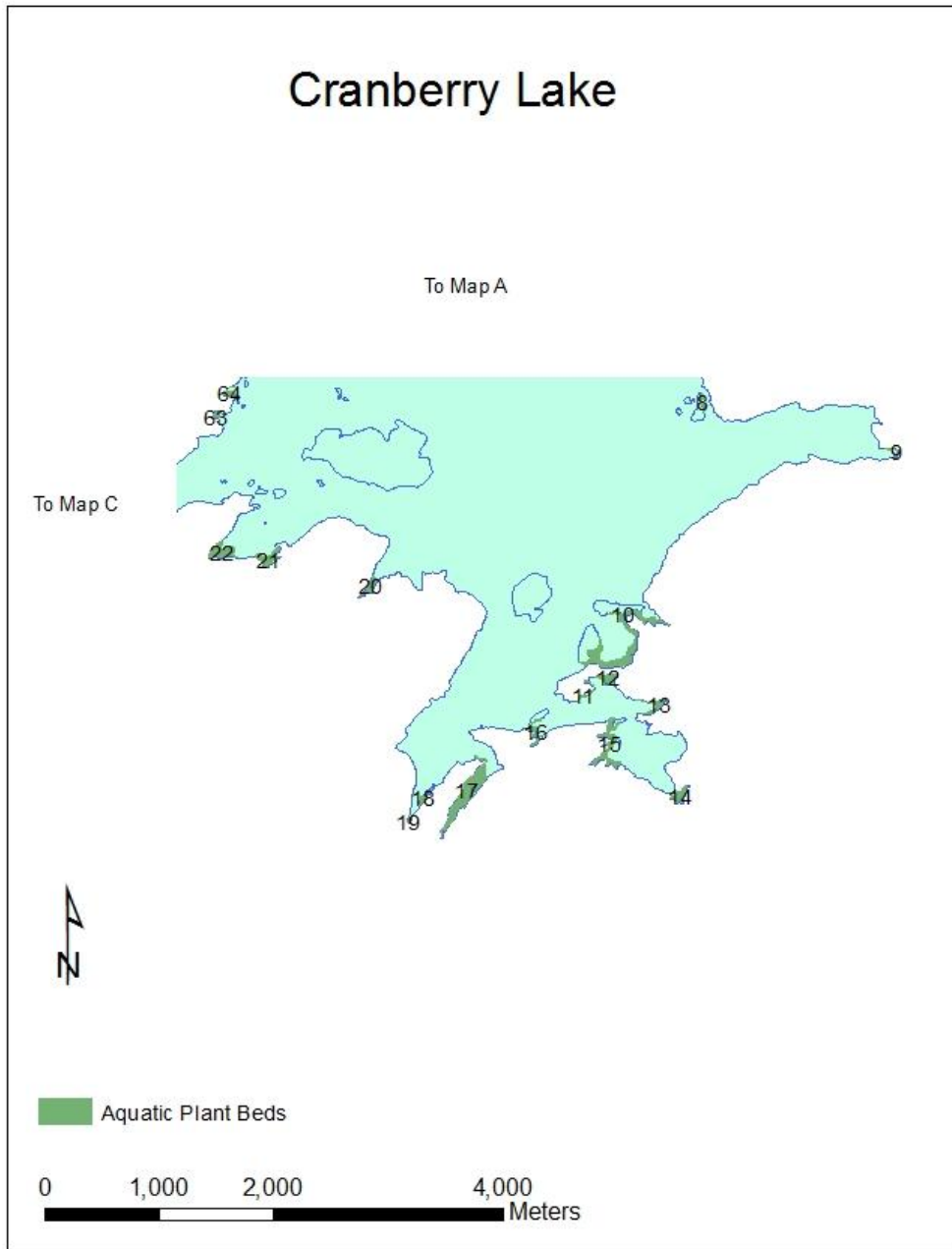
An aquatic plant survey of Cranberry Lake was conducted on 09-August-2012. Twoleaf or Variable-leaf watermilfoil (*Myriophyllum heterophyllum*) was detected during this survey (Map 35). The range in which this plant is deemed native or non-native is under debate and in some states this plant is classified as invasive. Aquatic plant coverage in Cranberry Lake was moderate, comprised of 74 plant beds that collectively covered 558 acres or 8% of the surface area of the lake (Map 33). Twenty-four different aquatic species were identified during this survey. Common species of this water body included many members of the pondweed genus *Potamogeton*, of which the most common was Ribbon leaf (*P. epiphydris*), and Bur-reed (*Sparganium sp.*). Purple bladderwort (*Utricularia purpurea*), Flatleaf bladderwort (*U. intermedia*), Lesser bladderwort (*U. minor*), and Common bladderwort (*U. vulgaris*) were the species detected which could be easily confused with invasive species (Table 22).

Of the 213 rake tosses spaced throughout the littoral zone of the lake (Map 34), 54 rakes had acquired plants upon recovery (25%). All plants found on the rakes after their retrieval were detected during the surface survey (Table 23).

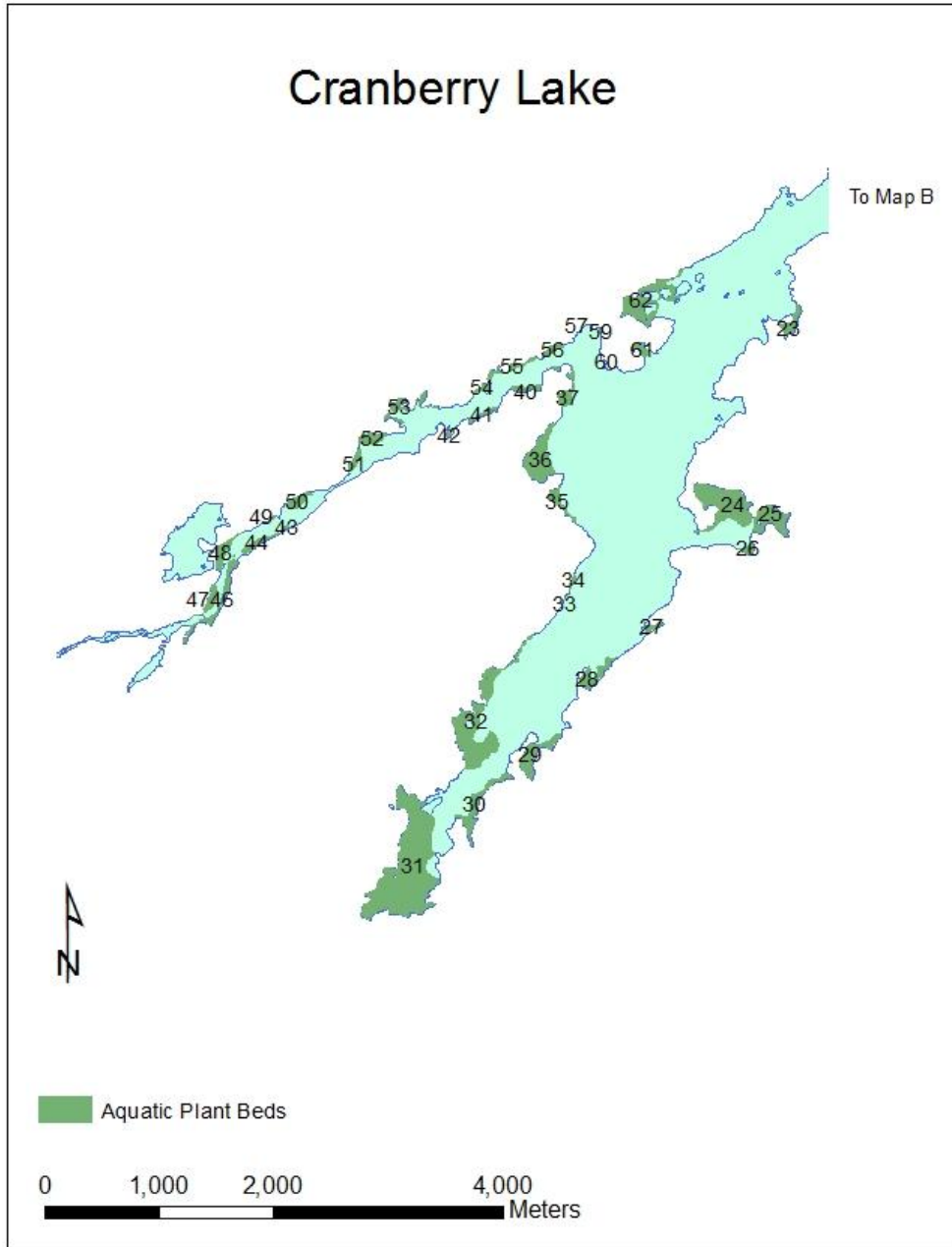
Variable-leaf watermilfoil in Cranberry Lake was found in 38 beds which covered 386 acres. This was 5.5% of the surface area of the Lake and 69.2% of the total aquatic plant coverage in the lake (Map 35 & Table 24).



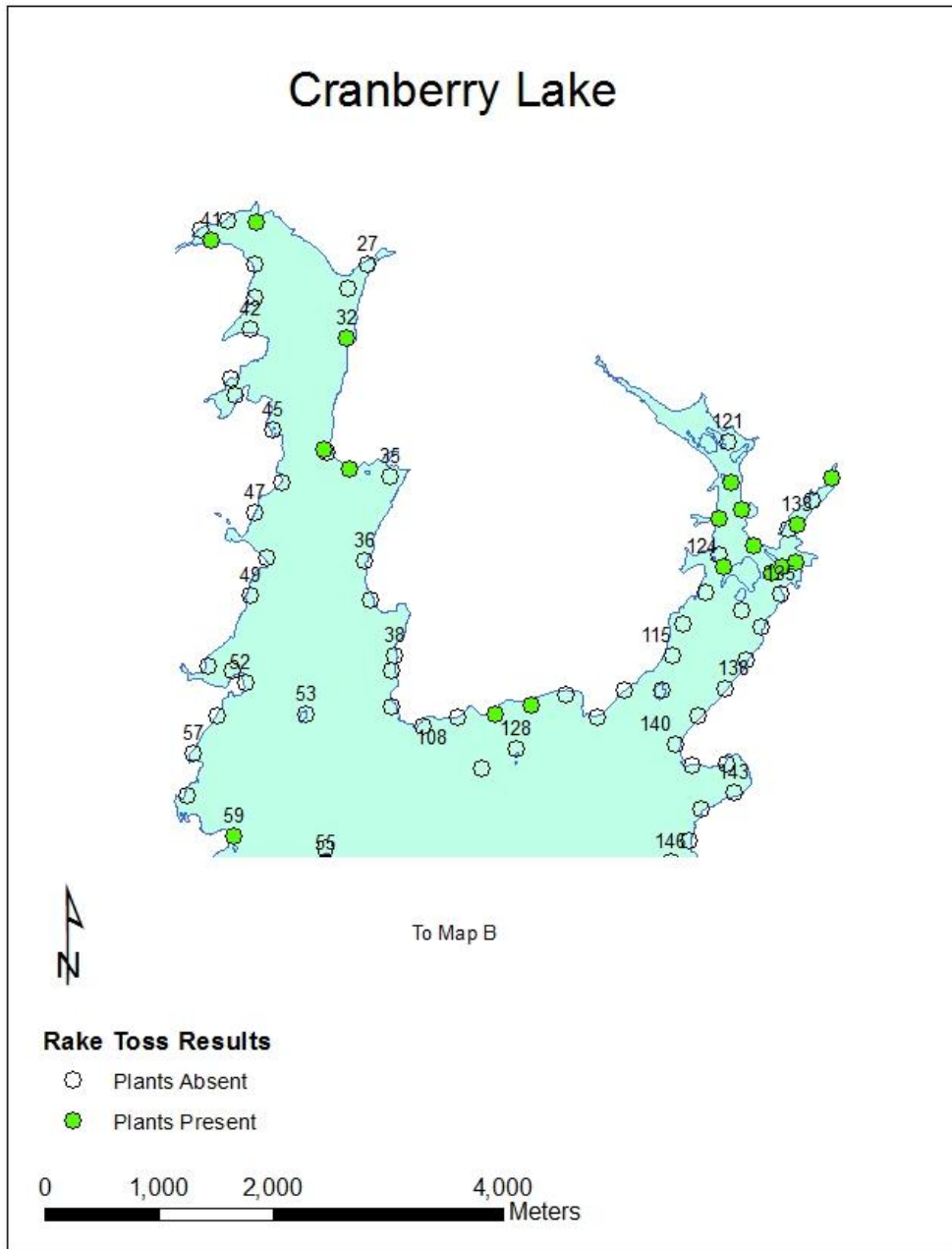
Map 33A: Location of the aquatic plant beds detected in Cranberry Lake during the surface survey performed on 09 Aug, 2012.
Data for Plant Beds can be found on Table 22.



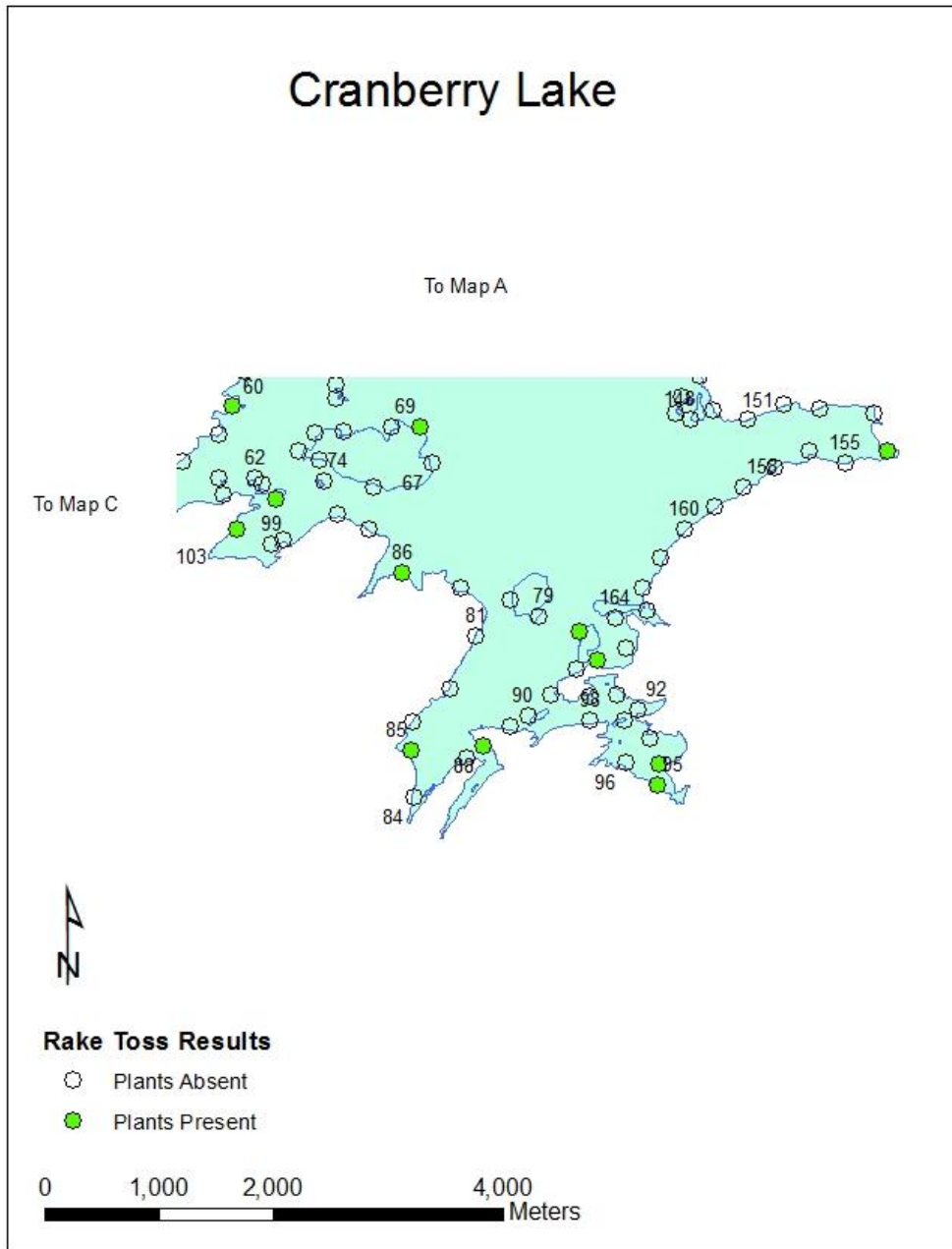
Map 33B: Location of the aquatic plant beds detected in Cranberry Lake during the surface survey performed on 09 Aug, 2012.
Data for Plant Beds can be found on Table 22.



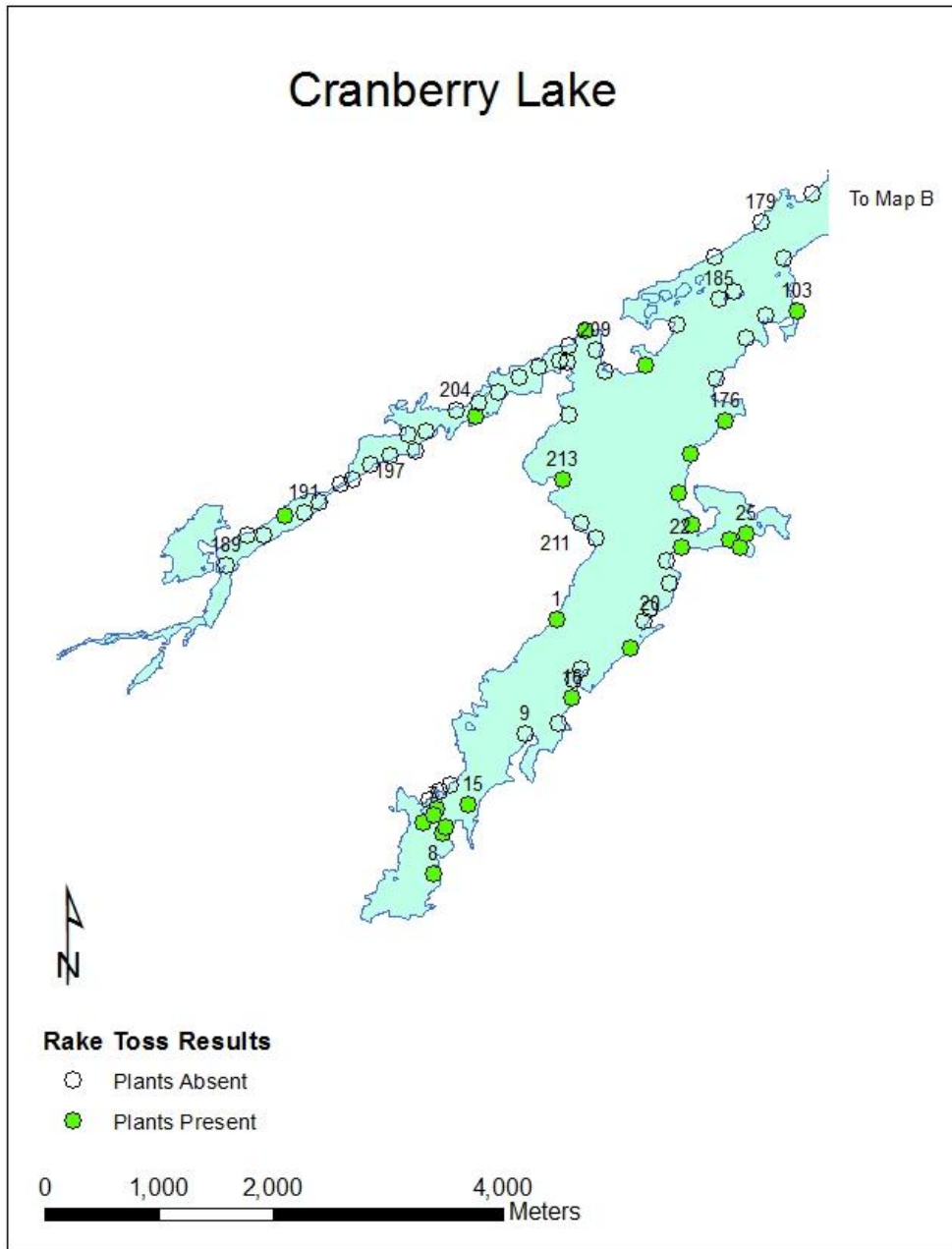
Map 33C: Location of the aquatic plant beds detected in Cranberry Lake during the surface survey performed on 09 Aug, 2012.
Data for Plant Beds can be found on Table 22.



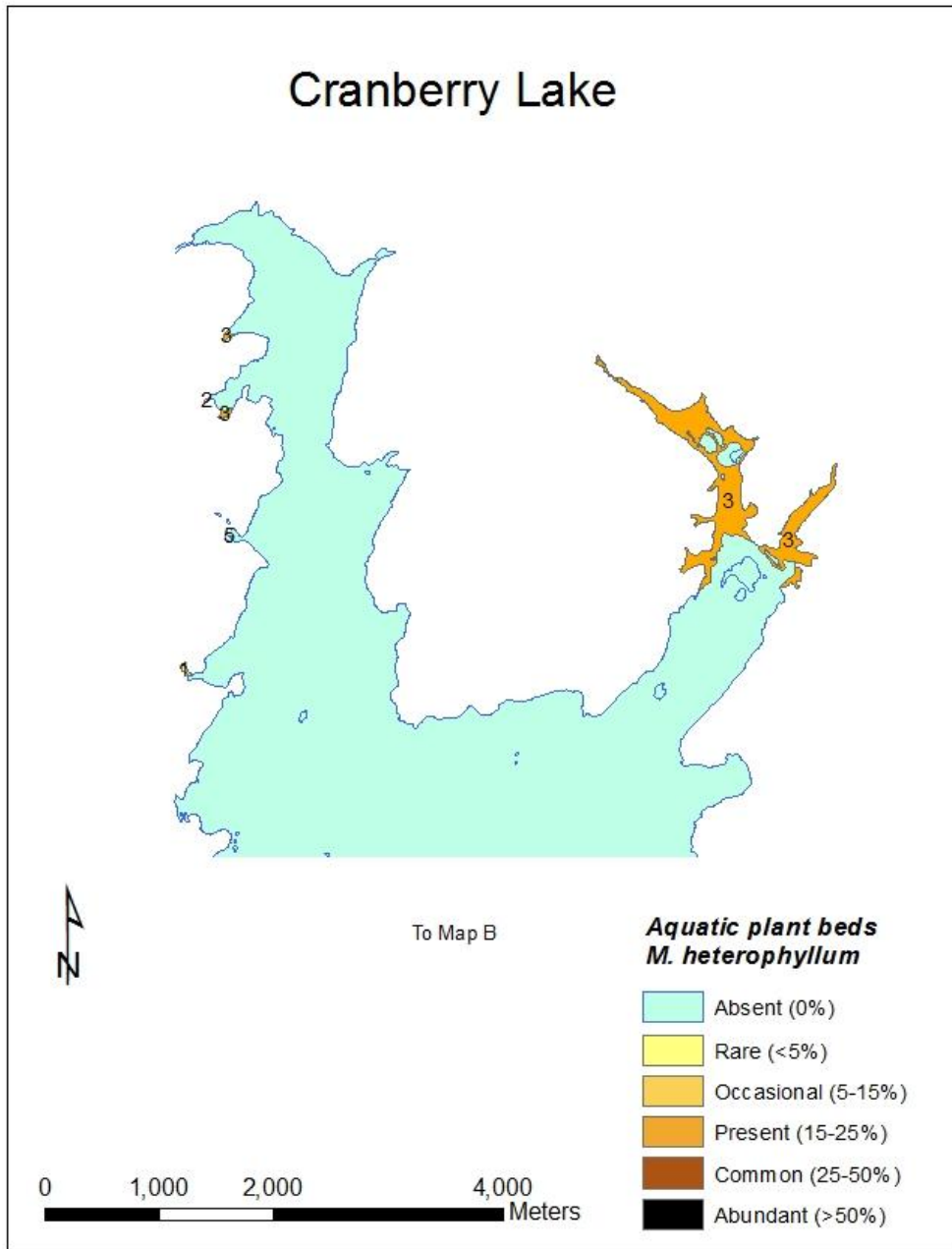
Map 34A. Rake toss locations on Cranberry Lake, 09 Aug, 2012. Open circles represent locations where no plants were detected, closed circles represent locations where plants were encountered on the rake. Data for Rake Tosses can be found on Table 23.



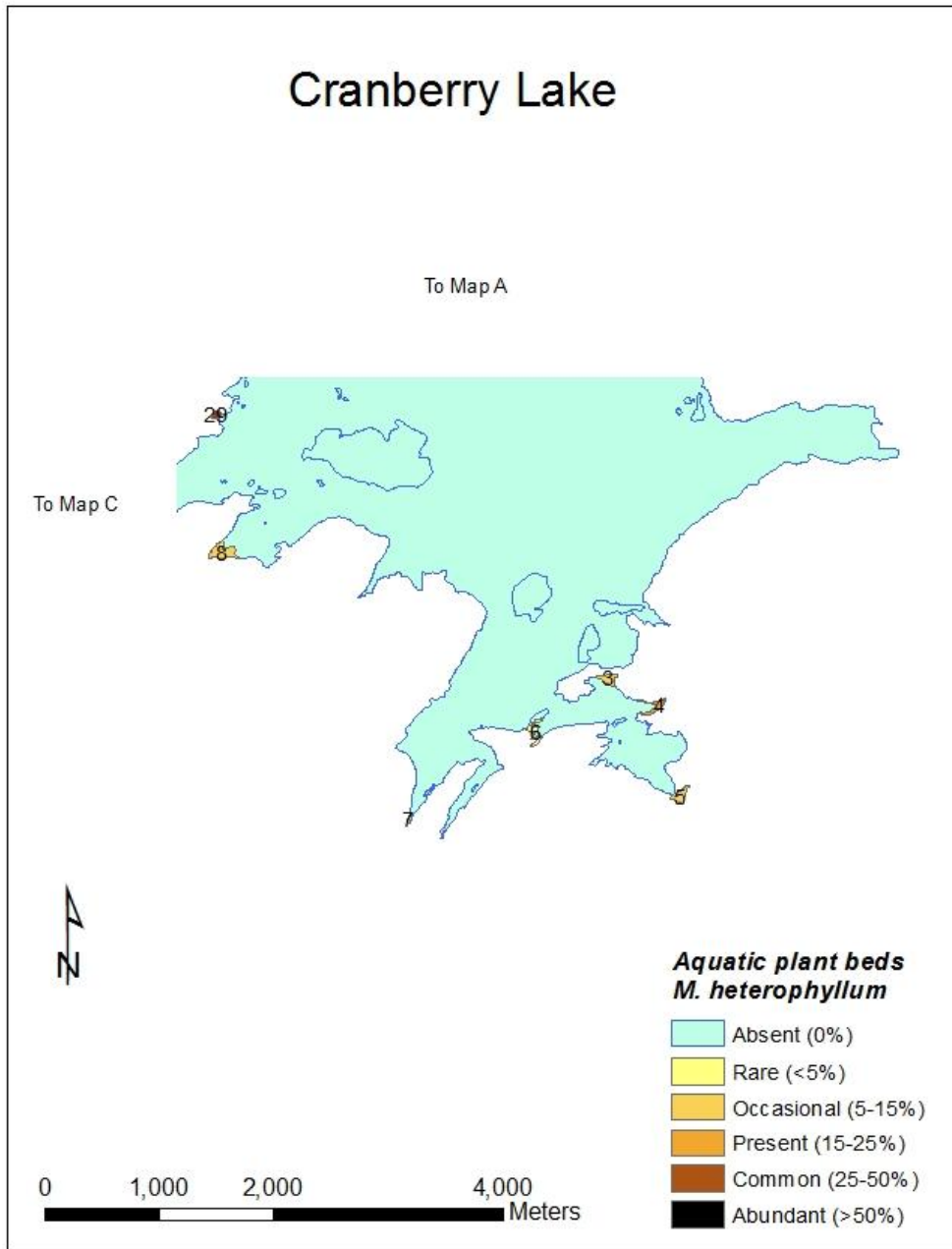
Map 34B: Rake toss locations on Cranberry Lake, 09 Aug, 2012. Open circles represent locations where no plants were detected, closed circles represent locations where plants were encountered on the rake. Data for Rake Tosses can be found on Table 23.



Map 34C: Rake toss locations on Cranberry Lake, 09 Aug, 2012. Open circles represent locations where no plants were detected, closed circles represent locations where plants were encountered on the rake. Data for Rake Tosses can be found on Table 23.

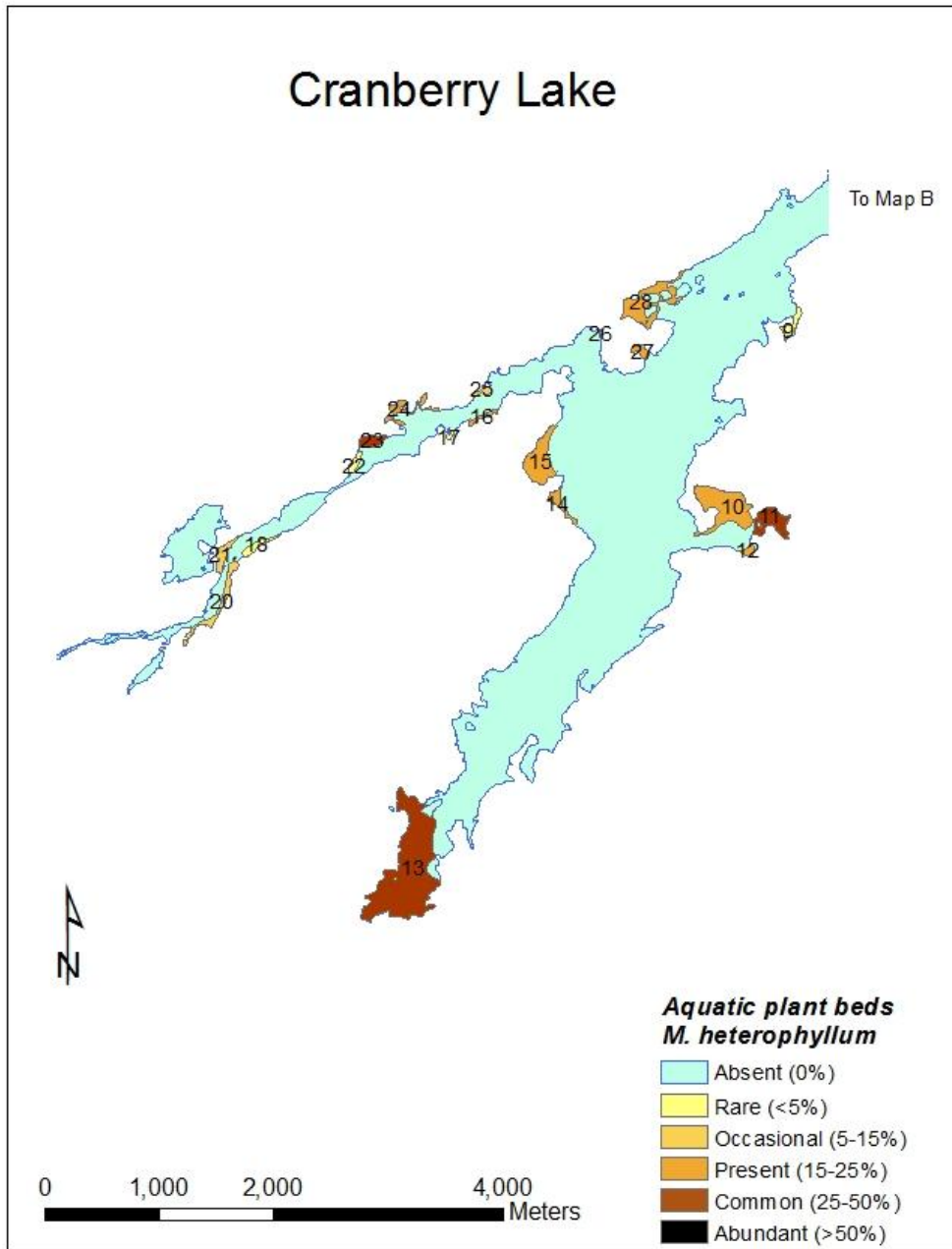


Map 35A: Location of *Myriophyllum heterophyllum* beds detected in Cranberry Lake during the surface survey performed on 09 Aug, 2012.
Data for *M. heterophyllum* beds can be found on Table 24.



Map 35B: Location of *Myriophyllum heterophyllum* beds detected in Cranberry Lake during the surface survey performed on 09 Aug, 2012.

Data for *M. heterophyllum* beds can be found on Table 24.



Map 35C: Location of *Myriophyllum heterophyllum* beds detected in Cranberry Lake during the surface survey performed on 09 Aug, 2012.

Data for *M. heterophyllum* beds can be found on Table 24.

Table 22: Percent cover of aquatic plant species detected at each plant bed in Cranberry Lake. Refer to Map 33 series for bed locations. A = Abundant (<50% cover), C = Common (25-50%), P = Present (15-25%), O = Occasional (5-15%), and R = Rare (<5%).

Cranberry Lake			Plant Bed Numbers																								
Scientific Name	Common Name	AREA (M ²)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
<i>Brasenia schreberi</i>	Water shield	1742	R	C	O	P	R	O	O	O	-	P	P	P	C	-	P	P	P	P	-	P	O	P	R	A	C
<i>Eleocharis sp.</i>	Hairgrass	-	-	-	-	-	-	-	-	-	-	-	-	O	-	P	-	-	-	-	-	-	-	-	-	-	-
<i>Elodea nuttalia</i>	Western waterweed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	R	-	-	-	-	R
<i>Eriocaulon sp.</i>	Pipewort	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	R	-	-	O	-	-	-	-	-
<i>Lobelia dortmanna</i>	Water lobelia	-	-	-	-	-	-	-	-	-	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Myriophyllum heterophyllum</i>	Twoleaf watermilfoil	-	-	P	-	P	-	-	-	-	-	-	O	P	O	-	R	-	-	A	-	-	O	R	P	C	C
<i>Najas sp.</i>	Water naiad	-	-	R	-	R	-	-	-	-	R	-	R	R	O	R	-	R	-	-	-	R	-	-	R	R	-
<i>Nitella sp.</i>	Brittlewort	-	-	R	O	R	-	-	-	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	O	R	-
<i>Nuphar variegata</i>	Spatterdock	P	R	R	R	R	R	R	-	-	R	-	-	R	-	R	R	R	R	-	-	O	R	O	O	O	O
<i>Nymphaea odorata</i>	White waterlily	-	-	R	R	R	O	-	-	R	-	R	R	-	-	-	-	-	-	-	-	-	-	-	-	-	R
<i>Potamogeton amplifolius</i>	Large-leaf pondweed	-	-	R	R	O	R	-	-	-	R	-	-	R	-	-	-	O	-	-	-	C	-	R	R	-	-
<i>Potamogeton epiphydrus</i>	Ribbon-leaf pondweed	-	O	O	R	R	-	-	R	R	R	R	-	O	R	O	R	O	-	O	R	-	R	O	R	-	-
<i>Potamogeton natans</i>	Floating pondweed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	R
<i>Potamogeton pusillus</i>	Small pondweed	-	-	R	-	-	-	-	-	-	-	-	O	-	R	R	-	-	-	-	-	R	-	-	-	-	-
<i>Potamogeton robbinsii</i>	Robbins pondweed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Potamogeton spirillus</i>	Spiral-fruit pondweed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	R	R
<i>Potamogeton zosterformis</i>	Flatstem pondweed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	R
<i>Sagittaria graminea</i>	Grassy arrowhead	-	R	R	R	R	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Sparganium sp.</i>	Bur-reed	R	R	R	R	R	R	O	R	P	R	R	R	O	O	R	-	A	A	P	A	O	O	O	R	C	C
<i>Utricularia intermedia</i>	Flatleaf bladderwort	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	R	R	-	-	-	R	-
<i>Utricularia minor</i>	Lesser bladderwort	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Utricularia purpurea</i>	Purple bladderwort	-	-	R	R	C	-	-	-	-	R	-	O	R	-	-	-	-	-	-	R	R	-	-	R	R	O
<i>Utricularia vulgaris</i>	Common bladderwort	-	-	R	R	O	-	-	-	-	-	-	R	-	R	-	-	-	P	-	-	R	-	-	R	O	-
<i>Vallisneria americana</i>	Eel-grass	-	-	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

			Plant Bed Numbers																									
Scientific Name	Common Name	AREA (M ²)	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	
<i>Brasenia schreberi</i>	Water shield	8948	C	R	A	A	C	C	A	A	C	A	A	A	C	C	C	A	C	O	C	C	-	C	C	A	A	P
<i>Eleocharis sp.</i>	Hairgrass	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	O	-	-	-	O	-	R	P	O	-	C	
<i>Elodea nuttalia</i>	Western waterweed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Eriocaulon sp.</i>	Pipewort	-	-	-	-	-	-	-	-	-	O	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	O	-
<i>Lobelia dortmanna</i>	Water lobelia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Myriophyllum heterophyllum</i>	Twoleaf watermilfoil	P	-	-	-	-	C	-	-	-	P	P	-	-	-	-	-	P	R	-	R	A	O	-	O	-	-	
<i>Najas sp.</i>	Water naiad	-	-	-	O	C	R	-	-	-	-	R	R	C	-	P	C	C	-	-	-	-	P	P	O	P	C	
<i>Nitella sp.</i>	Brittlewort	-	-	-	-	R	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Nuphar variegata</i>	Spatterdock	O	R	O	O	R	R	-	-	-	R	R	R	O	-	O	O	-	O	-	O	-	P	O	P	O	O	
<i>Nymphaea odorata</i>	White waterlily	-	-	-	-	-	-	-	-	-	-	-	-	O	-	-	-	-	-	-	-	-	R	-	-	-	-	
<i>Potamogeton amplifolius</i>	Large-leaf pondweed	-	-	O	-	-	-	-	-	P	P	O	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Potamogeton epiphydrus</i>	Ribbon-leaf pondweed	-	-	-	-	R	R	-	-	R	O	-	R	O	-	-	R	O	O	-	R	-	R	O	-	R	R	
<i>Potamogeton natans</i>	Floating pondweed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	R	O	
<i>Potamogeton pusillus</i>	Small pondweed	-	O	O	-	-	P	O	C	-	O	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Potamogeton robbinsii</i>	Robbins pondweed	-	-	-	-	-	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Potamogeton spirillus</i>	Spiral-fruit pondweed	-	C	P	-	R	R	-	-	-	O	-	-	-	-	-	R	R	-	-	-	-	R	R	R	-	-	
<i>Potamogeton zosterformis</i>	Flatstem pondweed	-	A	R	-	-	-	R	-	-	P	-	R	-	-	-	-	-	-	-	-	-	R	-	R	-	R	
<i>Sagittaria graminea</i>	Grassy arrowhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Sparganium sp.</i>	Bur-reed	O	O	R	O	R	P	R	-	-	R	C	P	P	C	R	O	-	C	P	-	C	C	C	C	P	P	
<i>Utricularia intermedia</i>	Flatleaf bladderwort	-	-	-	R	R	-	R	-	-	-	-	-	-	-	-	-	R	-	-	R	-	R	-	-	R	R	
<i>Utricularia minor</i>	Lesser bladderwort	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Utricularia purpurea</i>	Purple bladderwort	P	P	R	C	-	R	-	-	-	R	P	-	O	-	R	-	-	-	-	-	-	-	-	-	-	-	
<i>Utricularia vulgaris</i>	Common bladderwort	-	-	-	-	-	-	-	-	-	-	-	-	-	R	-	O	-	O	-	-	-	-	O	-	-	-	
<i>Vallisneria americana</i>	Eel-grass	-	-	-	-	-	R	-	-	-	-	R	R	-	-	-	-	-	-	-	-	-	-	R	-	-	-	

			Plant																								
			51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	
Scientific Name	Common Name	AREA (M ²)	10451	19446	26526	7434	16173	10612	6	7	783	111	10979	83759	3933	5694	4376	68	58	70	76	31	5950	1364	3910	1833	
<i>Brasenia schreberi</i>	Water shield		A	A	C	C	A	A	O	R	-	R	P	A	P	P	C	-	-	-	-	-	-	-	-	R	
<i>Eleocharis sp.</i>	Hairgrass		-	-	-	-	R	-	-	-	-	-	-	R	-	-	-	-	-	-	-	-	-	-	-	C	
<i>Elodea nuttalia</i>	Western waterweed		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Eriocaulon sp.</i>	Pipewort		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Labella dortmanna</i>	Water labelia		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Myriophyllum heterophyllum</i>	Twoleaf watermilfoil		R	C	P	O	-	-	-	R	-	P	P	C	-	R	A	A	A	A	A	A	P	O	P	-	
<i>Najas sp.</i>	Water naiad		-	-	A	P	P	-	-	-	C	A	R	R	O	-	P	-	-	-	-	-	-	A	A	A	-
<i>Nitella sp.</i>	Brittlewort		-	-	-	-	-	-	-	-	-	-	-	R	-	-	-	-	-	-	-	-	-	R	-	-	
<i>Nuphar variegata</i>	Spatterdock		R	R	P	R	O	O	R	-	O	-	-	O	R	-	-	-	-	-	-	-	O	O	R	-	
<i>Nymphaea odorata</i>	White waterlily		-	-	-	-	-	-	-	-	-	-	O	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Potamogeton amplifolius</i>	Large-leaf pondweed		-	-	-	-	-	R	-	-	-	-	O	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Potamogeton ephedrus</i>	Ribbon-leaf pondweed		-	-	O	O	R	-	O	P	P	O	R	O	O	O	O	-	-	-	-	O	C	C	P	P	
<i>Potamogeton natans</i>	Floating pondweed		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Potamogeton pusillus</i>	Small pondweed		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	P	R	
<i>Potamogeton robbinsii</i>	Robbins pondweed		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	R	
<i>Potamogeton spirillus</i>	Spiral-fruit pondweed		R	-	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	P	-	
<i>Potamogeton zosterformis</i>	Flatstem pondweed		-	O	-	-	-	O	-	-	O	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Sagittaria graminea</i>	Grassy arrowhead		-	-	-	-	-	-	-	-	-	-	-	-	O	-	R	-	-	-	-	-	R	-	-	P	
<i>Sparganium sp.</i>	Bur-reed		C	P	P	O	P	-	R	P	C	-	O	O	R	P	P	-	-	-	-	R	R	R	-	-	
<i>Utricularia intermedia</i>	Flatleaf bladderwort		-	-	O	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	P	R	-	-	
<i>Utricularia minor</i>	Lesser bladderwort		-	-	-	-	-	-	-	-	-	R	R	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Utricularia purpurea</i>	Purple bladderwort		-	-	-	-	-	-	-	-	O	-	-	R	-	-	C	-	-	-	-	-	R	-	-	R	
<i>Utricularia vulgaris</i>	Common bladderwort		-	R	O	-	O	-	-	-	R	-	P	O	O	-	-	-	-	-	-	-	-	-	-	-	
<i>Vallisneria americana</i>	Eel-grass		-	-	-	-	-	-	-	-	-	-	-	-	-	R	-	-	-	-	-	-	-	-	-	-	

Table 23: Species present on the rake at each of the rake toss locations and abundance. Refer to Map 34 series for Rake locations.

Cranberry Lake		Rake Toss Numbers																											
Scientific Name	Common Name	1	5	6	7	8	13	14	15	16	17	22	23	24	25	31	32	33	34	41	59	60	64	68	85	86	88	94	
<i>Brasenia schreberi</i>	Water shield	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Eleocharis sp.</i>	Hairgrass	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	O	R	R	-	-	-	-	-	-	-	R	-	R
<i>Elodea nuttalia</i>	Western waterweed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Eriocaulon sp.</i>	Pipewort	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	R	-	-	-	-	-	-	-	-	-	-	-	
<i>Myriophyllum heterophyllum</i>	Twoleaf watermilfoil	-	C	-	R	-	-	-	C	-	-	-	-	-	O	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Najas sp.</i>	Water naiad	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Nitella sp.</i>	Brittlewort	-	-	R	R	A	O	O	-	R	-	-	O	-	-	R	-	-	-	O	R	R	R	R	R	-	-	R	
<i>Potamogeton ephedrus</i>	Ribbon-leaf pondweed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Potamogeton gramineus</i>	Variable-leaf pondweed	-	O	-	-	-	-	-	O	-	R	-	-	-	R	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Potamogeton pusillus</i>	Small pondweed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	R	
<i>Potamogeton spirillus</i>	Spiral-fruit pondweed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Potamogeton zosterformis</i>	Flatstem pondweed	R	-	-	-	-	-	-	-	-	-	P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Sagittaria graminea</i>	Grassy arrowhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Sparganium sp.</i>	Bur-reed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	R	-	
<i>Utricularia intermedia</i>	Flatleaf bladderwort	-	-	-	O	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Utricularia minor</i>	Lesser bladderwort	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Utricularia purpurea</i>	Purple bladderwort	-	-	-	-	-	-	-	R	O	R	-	-	O	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Utricularia vulgaris</i>	Common bladderwort	-	-	-	-	-	-	-	-	-	R	-	O	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

		Rake Toss Numbers																											
Scientific Name	Common Name	95	100	103	109	110	119	120	122	123	124	125	129	132	133	134	154	166	170	171	172	175	176	182	187	199	206	213	
<i>Brasenia schreberi</i>	Water shield	-	-	-	-	-	-	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Eleocharis sp.</i>	Hairgrass	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Elodea nuttalia</i>	Western waterweed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	R	-	-	-	R	-	-	-	-	-	-	-	-	
<i>Eriocaulon sp.</i>	Pipewort	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Myriophyllum heterophyllum</i>	Twoleaf watermilfoil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Najas sp.</i>	Water naiad	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	P	R	
<i>Nitella sp.</i>	Brittlewort	-	R	O	R	R	-	-	C	-	C	A	R	-	-	-	R	R	R	-	R	-	-	-	-	R	-	-	
<i>Potamogeton ephedrus</i>	Ribbon-leaf pondweed	-	-	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Potamogeton gramineus</i>	Variable-leaf pondweed	-	-	-	-	-	-	-	O	-	-	-	-	-	-	-	-	-	R	-	-	-	-	-	-	-	-	-	
<i>Potamogeton pusillus</i>	Small pondweed	-	-	-	-	-	-	-	P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Potamogeton spirillus</i>	Spiral-fruit pondweed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	P	P	R	-	-	-	-	
<i>Potamogeton zosterformis</i>	Flatstem pondweed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Sagittaria graminea</i>	Grassy arrowhead	-	-	-	-	-	-	-	-	-	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Sparganium sp.</i>	Bur-reed	-	-	-	-	O	-	-	-	-	-	-	-	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Utricularia intermedia</i>	Flatleaf bladderwort	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Utricularia minor</i>	Lesser bladderwort	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	R	-	-	-	
<i>Utricularia purpurea</i>	Purple bladderwort	R	R	-	-	-	-	-	-	-	-	-	-	-	C	-	-	-	R	O	-	-	R	-	-	-	-	-	
<i>Utricularia vulgaris</i>	Common bladderwort	-	-	-	-	-	-	-	-	-	-	-	-	-	C	-	-	-	-	-	-	-	-	-	O	-	-	-	

Table 24: Percent cover of *Myriophyllum heterophyllum* detected at each plant bed in Cranberry Lake. Refer to Map 35 series for *M. heterophyllum* locations. A = Abundant (<50% cover), C = Common (25-50%), P = Present (15-25%), O = Occasional (5-15%), and R = Rare (<5%).

Cranberry Lake			Plant Bed Numbers																		
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
<i>Scientific Name</i>	Common Name	AREA (M ²)	425297	149528	11080	10494	10738	11821	1617	21524	17900	118759	50864	8948	366967	19058	75592	8559	2969	15325	514
<i>Myriophyllum heterophyllum</i>	Twoleaf watermilfoil		P	P	O	P	O	R	A	O	R	P	C	P	C	P	P	P	R	R	A

Cranberry Lake			Plant Bed Numbers																		
			20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
<i>Scientific Name</i>	Common Name	AREA (M ²)	34871	20461	10451	19446	26526	7434	783	10979	83759	3933	4376	68	58	70	76	31	5950	1364	3910
<i>Myriophyllum heterophyllum</i>	Twoleaf watermilfoil		O	O	R	C	P	O	R	P	P	C	R	A	A	A	A	A	P	O	P