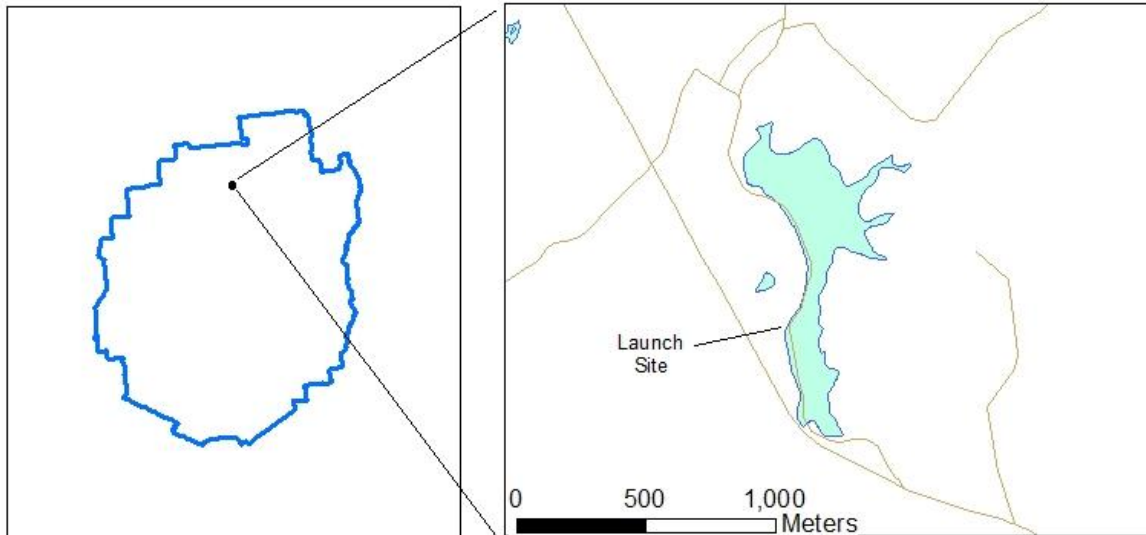


## Mountain Pond Aquatic Plant Survey 2012

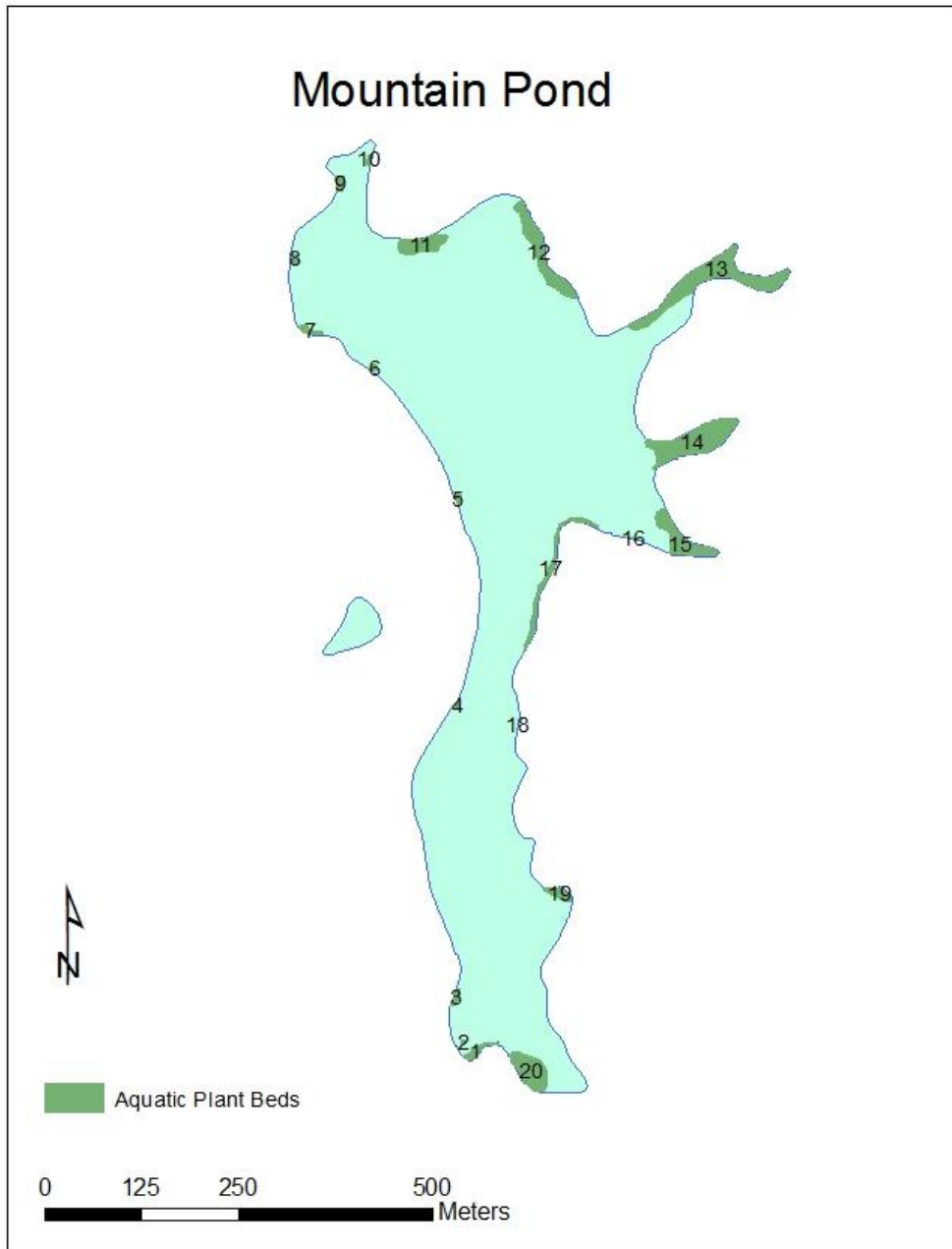


Map 65: Location of Mountain Pond.

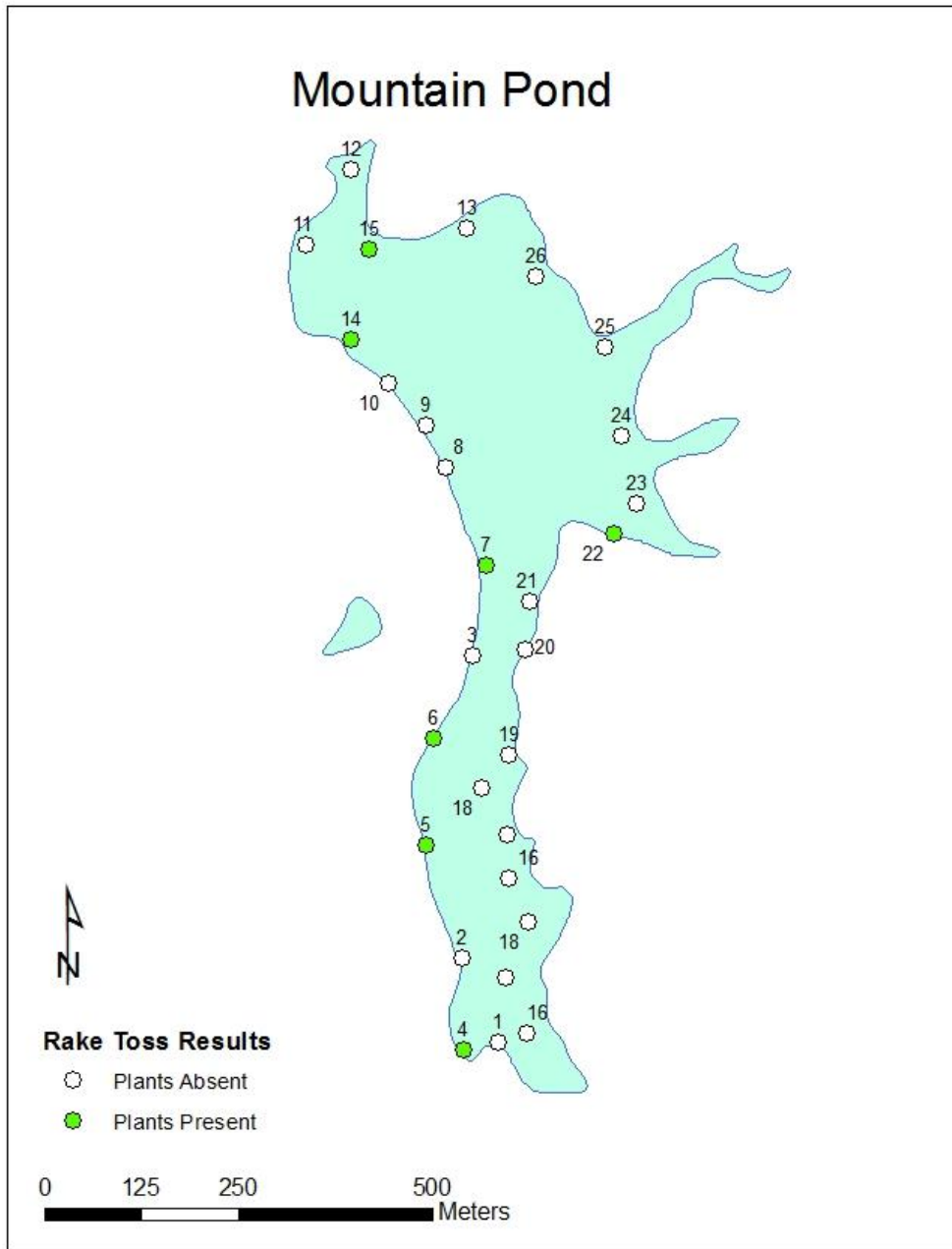
Mountain Pond is located the town of Brighton in Franklin County, New York (Map 65). The 56 acre pond was accessed by canoe launch on the western shore just off from State Route 30, 3 miles north of Paul Smiths, New York.

An aquatic plant survey of Mountain Pond was conducted on 15-August-2012. No invasive aquatic plants were detected during the survey. Aquatic plant coverage in Mountain Pond was relatively low, comprised of 20 plant beds that collectively covered 4.4 acres or 7.8% of the surface area of the lake (Map 66). Thirteen different aquatic species were identified during this survey. The most common included Spatterdock (*Nuphar variegata*), and Purple bladderwort (*Utricularia purpurea*). Purple bladderwort, Common bladderwort (*U. vulgaris*), and Shortspike watermilfoil (*Myriophyllum sibiricum*) could be easily confused with invasive species (Table 46).

Of the 26 rake tosses spaced throughout the littoral zone of the pond (Map 67), 7 had acquired plants upon recovery (26.9%). Brittlewort (*Nitella sp.*) and Farwells watermilfoil (*Myriophyllum farwellii*) were the only species recovered on the rakes that were not detected during the surface survey (Table 47).



Map 66: Location of the aquatic plant beds detected in Mountain Pond during the surface survey performed on 15 Aug, 2012.  
Data for Plant Beds can be found on Table 46.



Map 67: Rake toss locations on Mountain Pond, 15 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 47.

Table 46: Percent cover of aquatic plant species detected at each plant bed in Mountain Pond. Refer to Map 66 for bed locations. A = Abundant (>50% cover), C = Common (25-50%), P = Present (15-25%), O = Occasional (5-15%), and R = Rare (<5%).

Mountain Pond			Plant Bed Number																			
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
<i>Scientific Name</i>	Common Name	AREA (M <sup>2</sup> )	325	51	198	40	135	77	212	78	232	76	1243	2209	4440	3313	1803	37	1263	5	454	1635
<i>Eleocharis sp.</i>	Hairgrass		-	-	-	-	-	-	P	-	-	-	-	-	R	-	R	-	-	-	-	-
<i>Eriocaulon sp.</i>	Pipewort		C	-	A	-	A	-	-	-	-	R	R	A	-	O	R	-	R	-	O	O
<i>Isoetes sp.</i>	Quillwort		-	-	-	-	-	-	-	-	-	-	-	P	-	-	-	-	-	-	-	-
<i>Myriophyllum sibiricum</i>	Shortspike watermilfoil		-	-	-	-	O	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Nuphar variegata</i>	Spatterdock		P	A	-	A	-	-	-	-	-	R	R	R	O	R	O	O	P	A	O	P
<i>Potamogeton epihydrus</i>	Ribbon-leaf pondweed		-	-	-	-	R	-	R	-	-	-	-	R	O	-	R	-	R	-	R	P
<i>Potamogeton robbinsii</i>	Robbins pondweed		-	-	-	-	R	-	-	-	R	O	O	R	-	-	-	-	-	-	-	-
<i>Sagittaria graminea</i>	Grassy arrowhead		-	-	-	-	-	-	-	-	-	-	-	-	-	R	R	-	-	-	-	O
<i>Sparganium sp.</i>	Bur-reed		-	-	O	-	P	-	R	-	-	R	R	O	R	O	O	R	O	-	-	O
<i>Utricularia purpurea</i>	Purple bladderwort		R	-	-	R	R	P	O	P	C	C	C	C	C	O	A	R	R	-	R	-
<i>Utricularia vulgaris</i>	Common bladderwort		-	-	-	-	-	-	-	-	R	-	-	-	C	P	P	-	-	-	-	R

Table 47 Species present on the rake at each of the rake toss locations and abundance. Refer to Map 67 for Rake locations.

Mountain Pond	Rake Toss Number							
<i>Scientific Name</i>	4	5	6	7	14	15	22	
<i>Eleocharis sp.</i>	R	-	-	-	-	-	-	
<i>Isoetes sp.</i>	-	-	R	-	-	-	-	
<i>Myriophyllum farwellii</i>	-	-	-	-	R	-	-	
<i>Myriophyllum sibiricum</i>	-	-	-	R	R	R	-	
<i>Nitella sp.</i>	-	R	R	-	R	-	-	
<i>Utricularia purpurea</i>	-	-	R	-	-	-	R	
<i>Utricularia vulgaris</i>	R	-	-	-	-	-	-	