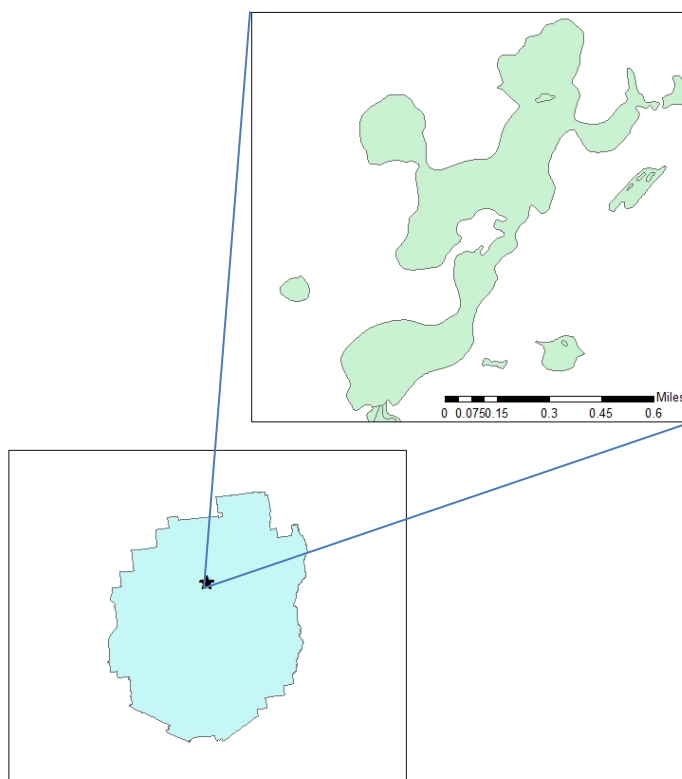


# Stony Creek Pond Aquatic Plant Survey 2013



**Map 1:** Location of Stony Creek Pond in relation to the Adirondack Park.

Stony Creek Pond is located in the Town of Harrietstown in Franklin County, New York (Map 1). This 185 acre lake was accessed through the use of a public canoe launch on Coreys Road off of Route 3. Motor boats can have access to this lake through the use of a private boat launch.

An aquatic plant survey was conducted at Stony Creek Pond on August 8, 2013. Aquatic plant coverage was moderate, and was comprised of 12 plant beds that covered 51 acres or 28% of the lakes surface area. No invasive aquatic plants were detected in this survey. Fourteen species of native aquatic plants were identified. Species most common in this lake were White Water Lily (*Nymphaea odorata*), Largeleaf Pondweed (*Potamogeton amplifolius*), and Pipewort (*Eriocaulon spp.*) (Table 1).

Of the 48 rake tosses deployed through the littoral zone of this pond, 12 had plants recovered. There was one plant species that was brought up on the rake that was not detected during the surface survey. This species was Brittlewort (*Nitella spp.*) (Table 2).

**Table 1:** Abundance and area of aquatic plant beds in Stony Creek Pond. Refer to Map 2 for plant bed locations. Abundance key: 1=RARE (<5%), 2=OCCASIONAL (6-15%), 3=PRESENT (16-25%), 4=COMMON(26-50%), 5=ABUNDANT(>50%). Species codes are defined below the table.

Bed #	ELCA	POAM	POEP	NYOD	VAAM	SPSP	NUVA	UTVU	SAGR	POPU	ERSP	ELSP	UTPU	Area (acres)
1			1	1		2			1					0.66
2				3										0.12
3		3												0.08
4		1	1		1	1		1	1	1	5			4.12
5		2	1	2	1					1	4			2.92
6			1	1		1					3			0.56
7		1	1	3		1					3			3.96
8		3	1	2			1				1			1.89
9			1	5		2	2					4	4	32.52
10	1	1		1			1		1		4			2.41
11		2	2								4			0.82
12		1	1	1							4			0.68

**Code    Species**

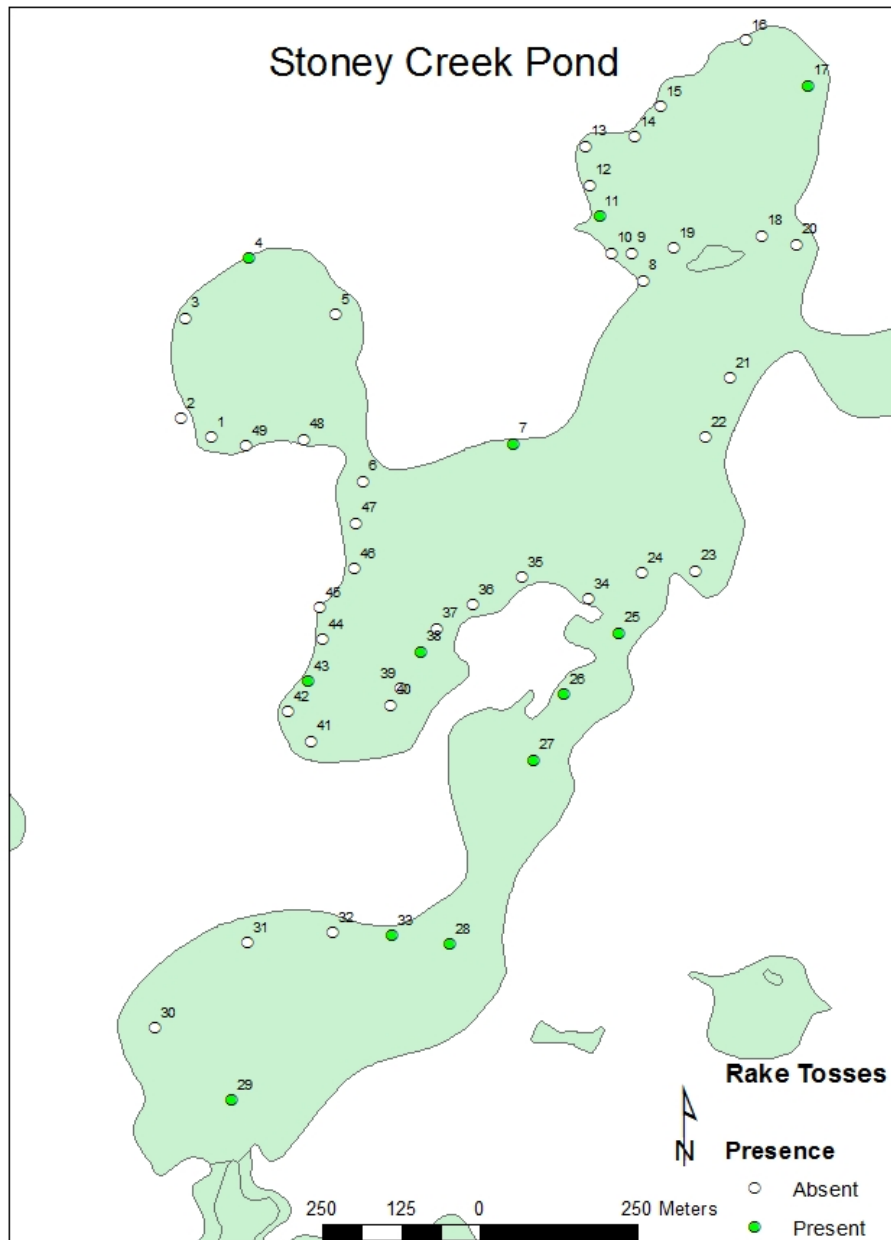
ELCA    Canadian Waterweed (*Elodea canadensis*)  
 POAM    Largeleaf Pondweed (*Potamogeton amplifolius*)  
 POEP    Ribbon Leaf Pondweed (*Potamogeton epihydrus*)  
 NYOD    White Water Lily (*Nymphaea odorata*)  
 VAAM    Eel-grass (*Vallisneria americana*)  
 SPSP    Bur-Reed (*Sparganium spp.*)

**Code    Species**

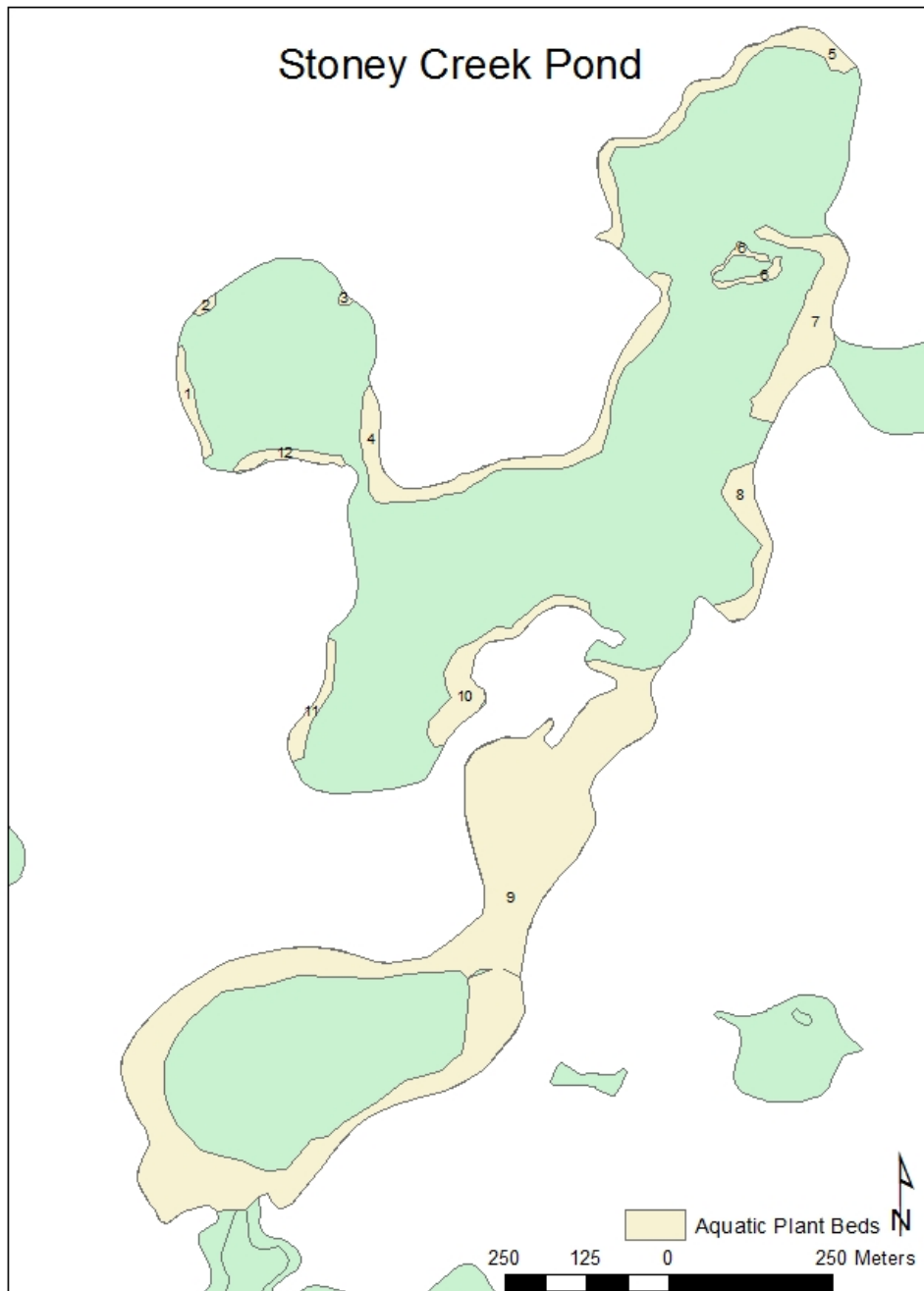
NUVA    Yellow Water Lily (*Nuphar variegata*)  
 UTVU    Common Bladderwort (*Utricularia vulgaris*)  
 SAGR    Grassy Arrowhead (*Sagittaria graminea*)  
 POPU    Small Pondweed (*Potamogeton pusillus*)  
 ERSP    Pipewort (*Eriocaulon spp.*)  
 ELSP    Hairgrass (*Eleocharis spp.*)  
 UTPU    Purple Bladderwort (*Utricularia purpurea*)

**Table 2:** Species present on the rake, abundance, and depth at each of the rake toss locations that had plants recovered at Stony Creek Pond. Refer to Map 3 for rake toss locations. Abundance key: 1=RARE (<5%), 2=OCCASIONAL (6-15%), 3=PRESENT (16-25%), 4=COMMON (26-50%), 5=ABUNDANT (>50%).

Rake Toss #	Canadian Waterweed ( <i>Elodea canadensis</i> )	Ribbon Leaf Pondweed ( <i>Potamogeton epihydrus</i> )	Brittlewort ( <i>Nitella spp.</i> )	Bur-Reed ( <i>Sparganium spp.</i> )	Small Pondweed ( <i>Potamogeton pusillus</i> )	Pipewort ( <i>Eriocaulon spp.</i> )	Hairgrass ( <i>Eleocharis spp.</i> )	Purple Bladderwort ( <i>Utricularia purpurea</i> )	Depth (ft)
4							1		14
7						1			3
11						1			3
17					1				6
25				1					5
26							1		3
27							1		3
28				1			1	4	3
29			1						10
33	1						1		6
38		1							8
43						2			2



**Map 2:** Rake toss locations on Stony Creek Pond on August 8, 2013. 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 2.



**Map 3:** Locations of the aquatic plant beds detected in Stony Creek Pond during the surface survey on August 8, 2013. Data for plant beds can be found on Table 1.