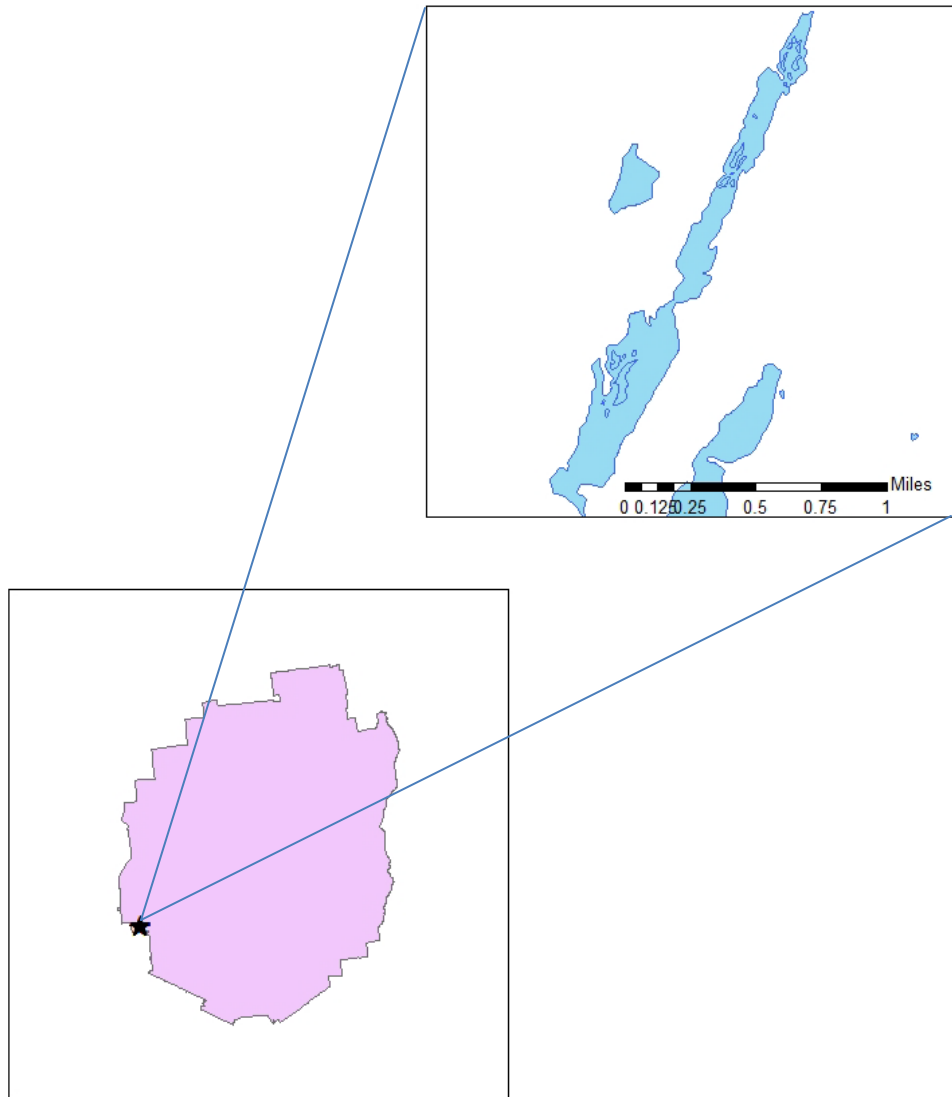


Little Long Lake Aquatic Plant Survey 2013



Map 1: Location of Little Long Lake in relation to the Adirondack Park.

Little Long Lake is located in the Town of Forestport in Oneida County, New York (Map 1). This 152 acre lake was accessed through the use of a public canoe launch. Motor boats have only private access to this lake.

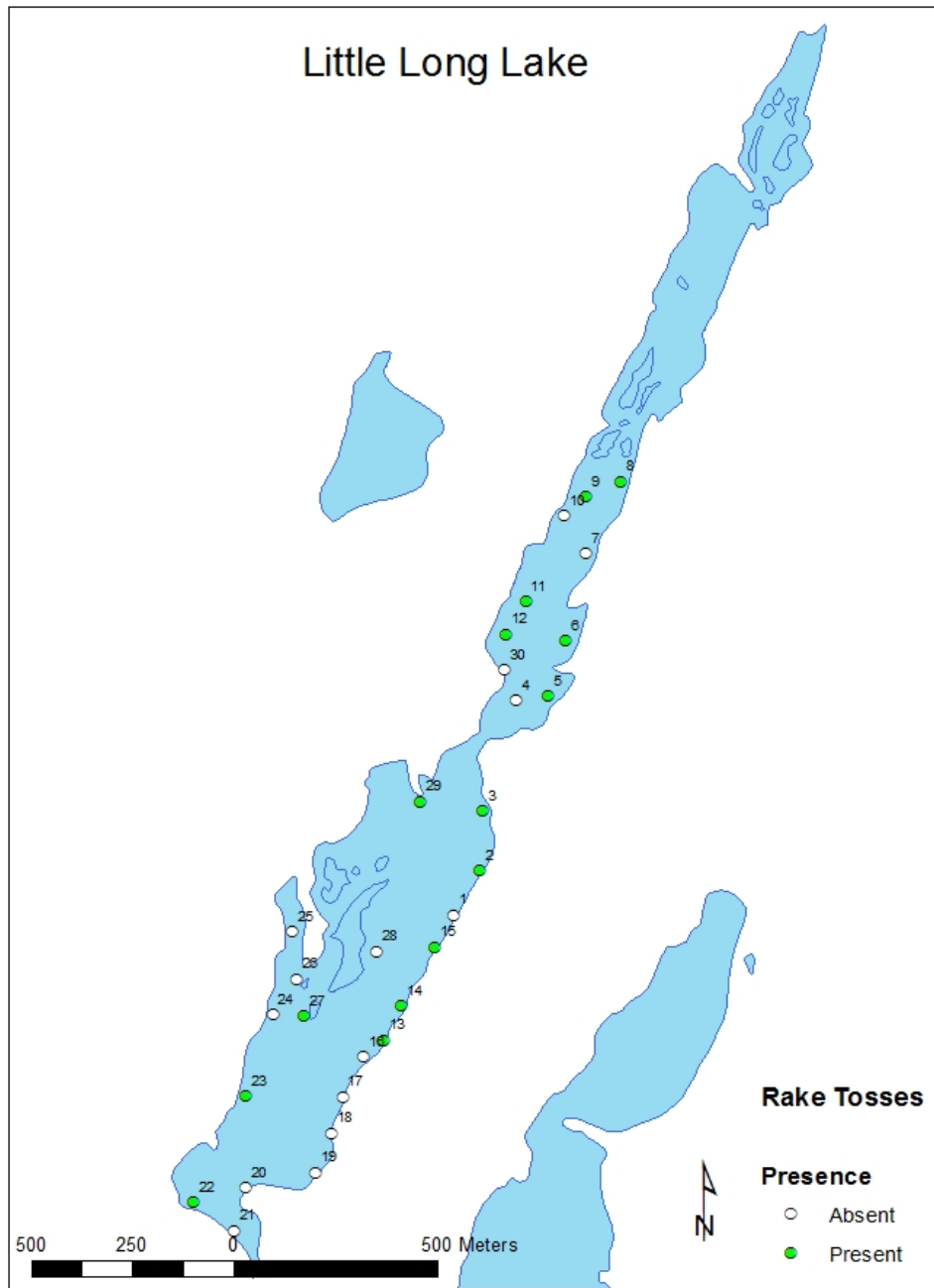
An aquatic plant survey was conducted at Little Long Lake on 30 July, 2013. Aquatic plant coverage was substantial, and was comprised of five plant beds that covered 98 acres or 64% of the lakes surface area. No aquatic invasive plants were identified in Little Long Lake in this survey. Fourteen different species of native aquatic plants were identified. Species most common in this lake were Water Shield (*Brasenia schreberi*), White Water Lily (*Nymphaea odorata*), and Common Bladderwort (*Utricularia vulgaris*) (Table 1).

Of the 29 rake tosses deployed throughout the littoral zone of this lake, 15 had plants recovered. There were two plant species that were brought up on the rake that were not detected during the surface survey. These species were Brittlewort (*Nitella spp.*) and Variable-Leaf Pondweed (*Potamogeton gramineus*) (Table 2).

Table 1: Abundance and area of aquatic plant beds in Little Long Lake. Refer to Map 3 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.

Bed #	BRSC	ELCA	POAM	POEP	NYOD	SPSP	UTPU	NUVA	UTVU	SAGR	MYAL	ELSP	Area (acres)
1	1		1		1	1	1		1				0.11
2					4								0.01
3	1		1	2	4				1			4	0.74
4	1		3	1	4	1		1	1		1		50.86
5	2	1		2	4	2	2	2	2	1			46

<u>Code</u>	<u>Common name (scientific name)</u>
BRSC	Water Shield (<i>Brasenia schreberi</i>)
ELCA	Canadian Waterweed (<i>Elodea canadensis</i>)
POAM	Largeleaf Pondweed (<i>Potamogeton amplifolius</i>)
POEP	Ribbon Leaf Pondweed (<i>Potamogeton epihydrus</i>)
NYOD	White Water Lily (<i>Nymphaea odorata</i>)
SPSP	Bur-Reed (<i>Sparganium spp.</i>)
UTPU	Purple Bladderwort (<i>Utricularia purpurea</i>)
NUVA	Yellow Water Lily (<i>Nuphar variegata</i>)
UTVU	Common Bladderwort (<i>Utricularia vulgaris</i>)
SAGR	Grassy Arrowhead (<i>Sagittaria graminea</i>)
MYAL	Alternate leafed Milfoil (<i>Myriophyllum alteriflorum</i>)
ELSP	Hairgrass (<i>Eleocharis spp.</i>)
NISP	Brittlewort (<i>Nitella spp.</i>)
POGR	Variable-leaf Pondweed (<i>Potamogeton gramineus</i>)



Map 2: Rake toss locations on Little Long Lake on 30 July, 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 Little Long Lake during the surface survey on 30 July, 2013. Data for plant beds can be found on Table 1.