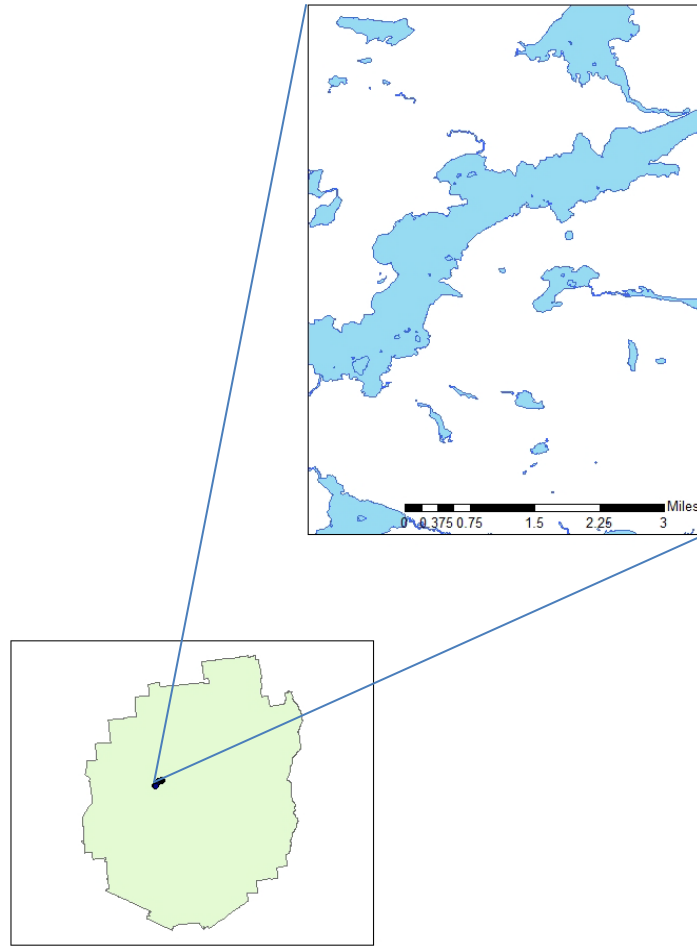


# Little Tupper Lake Aquatic Plant Survey 2013



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

Little Tupper Lake is located in the Town of Long Lake in the southwest corner of Hamilton County, New York (Map 1). This 2290 acre lake was accessed through the use of a public canoe launch located at the Little Tupper Lake Campground. Motor boats do not have access to this lake through the use of this boat launch.

An aquatic plant survey was conducted at Little Tupper Lake from 18-22 July 2013. Aquatic plant coverage was moderate, and was comprised of 27 plant beds that covered 63 acres or 3% of the lakes surface area. No invasive aquatic plants were identified in this survey. Twelve different species of native aquatic plant were identified. Species most common in this lake were Water Shield (*Brasenia schreberi*), Yellow Water Lily (*Nuphar variegata*), and White Water Lily (*Nymphaea odorata*) (Table 1).

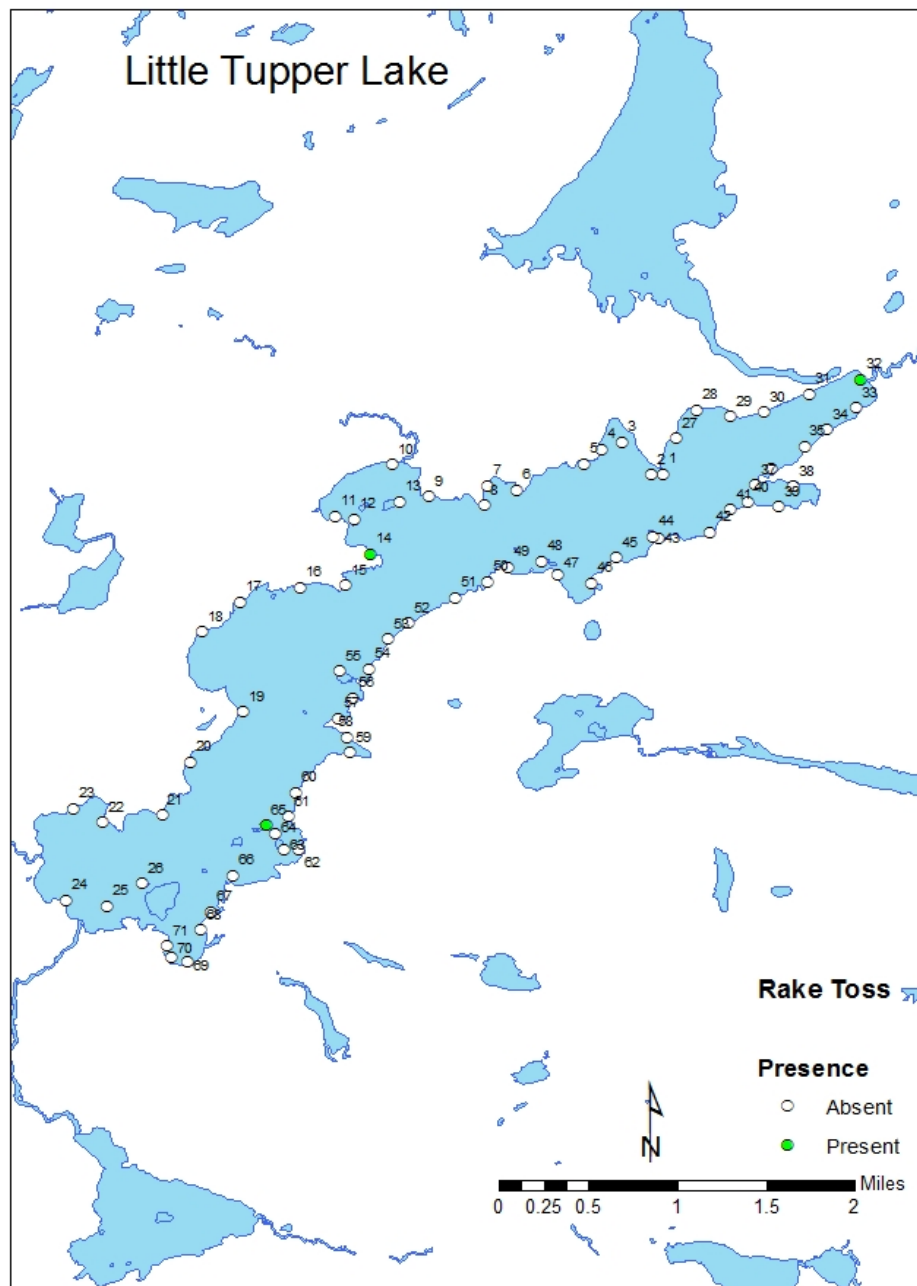
Of the 71 rake tosses deployed through the littoral zone of this lake, 3 had plants recovered. There was one plant species that was brought up on the rake that was not detected during the surface survey. This species was Purple Bladderwort (*Utricularia purpurea*) (Table 2).



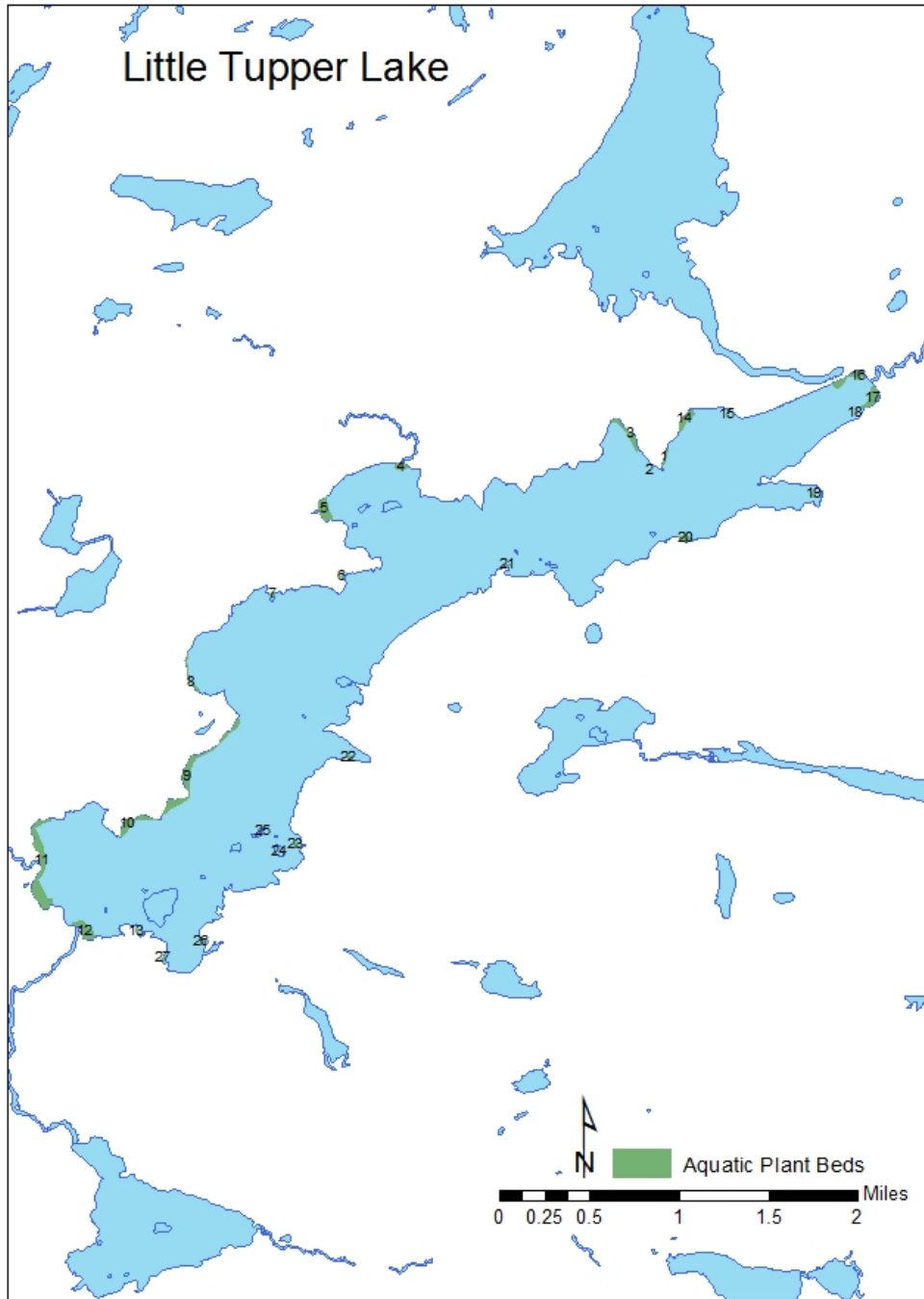
**Table 2:** Species present on the rake, abundance, and depth at each of the rake toss locations that had plants recovered at Little Tupper Lake. Refer to Map 2 for rake toss locations. Abundance key: 1=RARE (<5%), 2=OCCASIONAL (6-15%), 3=PRESENT (16-25%), 4=COMMON (26-50%), 5=ABUNDANT (>50%).

Rake Toss #	Bur-Reed ( <i>Sparganium</i> <i>spp.</i> )	Water Lobelia ( <i>Lobelia</i> <i>dortmannia</i> )	Hairgrass ( <i>Eleocharis</i> <i>spp.</i> )	Purple Bladderwort ( <i>Utricularia</i> <i>purpurea</i> )	Depth (ft)
14	1			1	5
32		1	2		4
65			1		8

<b><u>Code</u></b>	<b><u>Common name (scientific name)</u></b>
BRSC	Watershield ( <i>Brasenia schreberi</i> )
POEP	Ribbon-leaf Pondweed ( <i>Potamogeton epihydrus</i> )
NYOD	White Water Lily ( <i>Nymphaea odorata</i> )
SPSP	Burreed ( <i>Sparganium spp.</i> )
NUVA	Yellow Water Lily ( <i>Nuphar variegata</i> )
UTVU	Common Bladderwort ( <i>Utricularia vulgaris</i> )
SAGR	Grassy Arrowhead ( <i>Sagittaria graminea</i> )
POOA	Oakes' Pondweed ( <i>Potamogeton oakesianus</i> )
ERSP	Pipewort ( <i>Eriocaulon sp.</i> )
LODO	Water Lobelia ( <i>Lobelia dortmannia</i> )
ELSP	Hairgrass ( <i>Eleocharis sp.</i> )



**Map 2:** Rake toss locations on Little Tupper Lake from 18-22 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 Tupper Lake during the surface survey from 18-22 July, 2013. Data for plant beds can be found on Table 1.