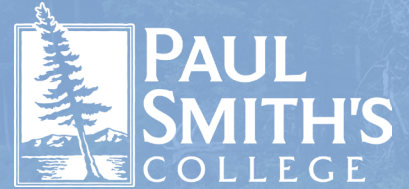


Targeted Aquatic Plant Survey of Loon Lake - 2016



On September 5, 2016 Sean Regalado of the Adirondack Watershed Institute followed up on the comprehensive plant survey performed in August of 2015. The objective of this annual survey was to (1) determine the location of any aquatic nuisance species, and (2) survey the native aquatic plants, documenting any significant changes to the composition or location of common plant beds. The survey was performed by slowly trolling the entire littoral zone of the lake in a zigzag fashion with special attention given to shallow bays and areas near to the two boat access points on Loon Lake. We referenced the 2015 plant map below.

We did not detect any non-native plants in the lake nor did we detect any significant changes to the plant beds surveyed in 2015. Below you will see a plant bed distribution map and tables illustrating physical lake characteristics as well as the presence/absence of natives observed by year.



Location	County:	Franklin
	Town:	Franklin

Lake Characteristics	Plant Bed Area (ha):	12.7
	Surface Area (ha):	144
	Shoreline Length (km):	13
	Max. Depth (m):	16.5
	Volume (m ³):	7399735
	Flush rate (times/year):	0.7

Aquatic Plant Community Characteristics	Species ranked by 2015 abundance	'11	'13	'14	'15	'16
	Pipewort - <i>Eriocaulon</i> sp.	X	X	X	X	X
	White water lily - <i>Nymphaeodes odorata</i>	X	X	X	X	X
	Watershield - <i>Brassenia schreberi</i>	X	X	X	X	X
	Yellow water lily - <i>Nuphar variegata</i>	X	X	X	X	X
	Bur reed - <i>Sparganium</i> sp.	X	X	X	X	X
	Water naiad - <i>Najas</i> sp.	X	X	X	X	X
	Large pondweed - <i>Potamogeton ampifolius</i>	X	X	X	X	X
	Ribbon leaf pondweed - <i>P. epiphydrus</i>	X	X	X	X	X
	Slender pondweed - <i>P. pusillus</i>	X	X	X	X	X
	White stemmed pondweed - <i>P. praelongus</i>	X	X	X	X	X
	Robbins' pondweed - <i>P. robbinsii</i>	X	X	X	X	X
	Grass leaved pondweed - <i>P. gramineus</i>	X	X	X	X	X
	Eel grass - <i>Vallisneria americana</i>	X	X	X	X	X
	Dortmann's cardinalflower - <i>Lobelia dortmanna</i>	X	X	X	X	X
	Greater bladderwort - <i>Utricularia vulgaris</i>	X	X	X	X	X
	Floating pondweed - <i>P. natans</i>	X	X	X	X	X
	Nitella algae - <i>Nitella</i> sp.	X	X	X	X	X
	Quillwort - <i>Isoetes</i> sp.					X
	Western waterweed - <i>Elodea nuttallii</i>	X				
Hairgrass - <i>Eleocharis</i> sp.	X	X				

X - Observed