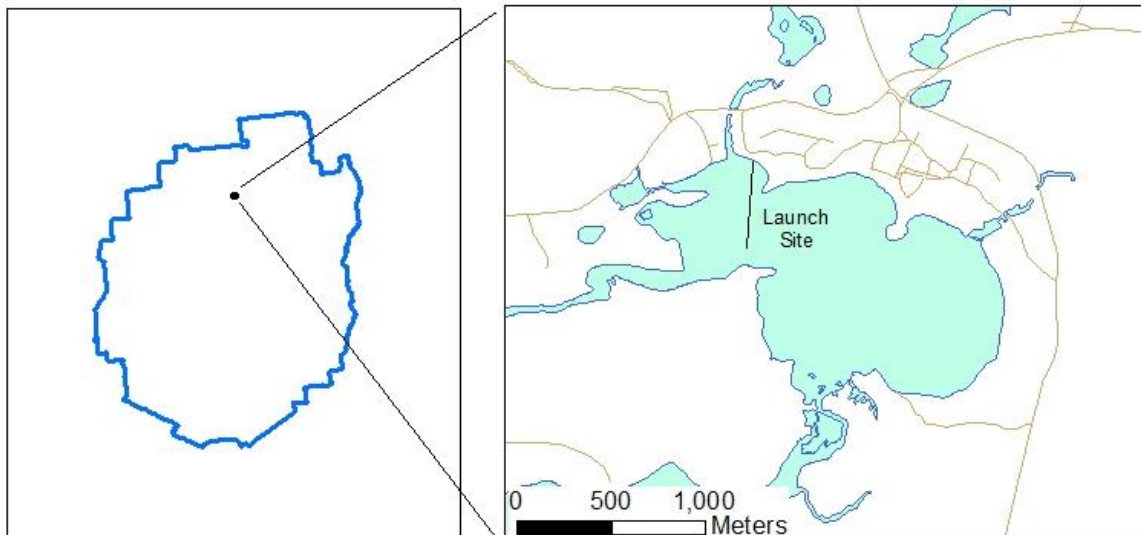


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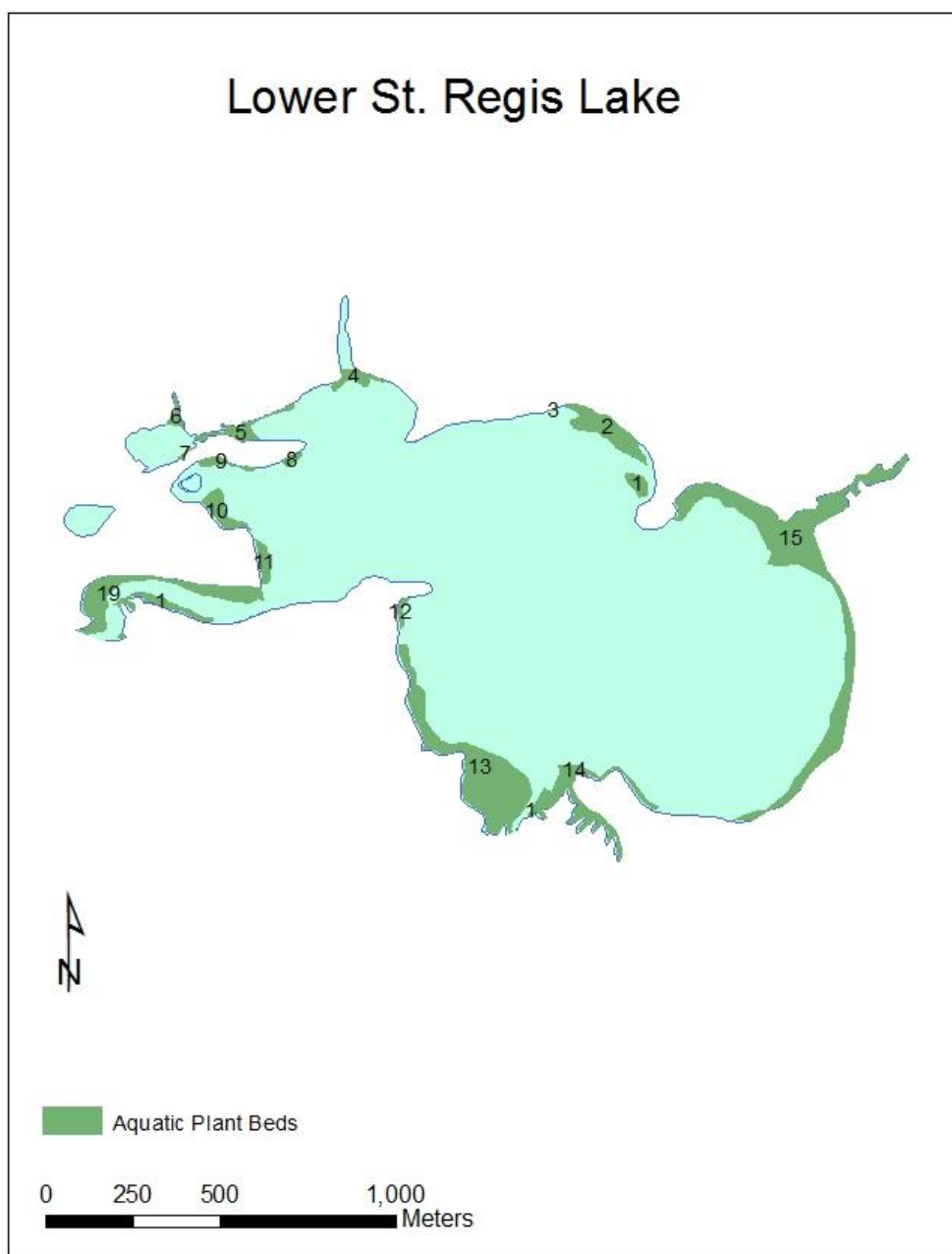


Map 55: Location of Lower St. Regis Lake.

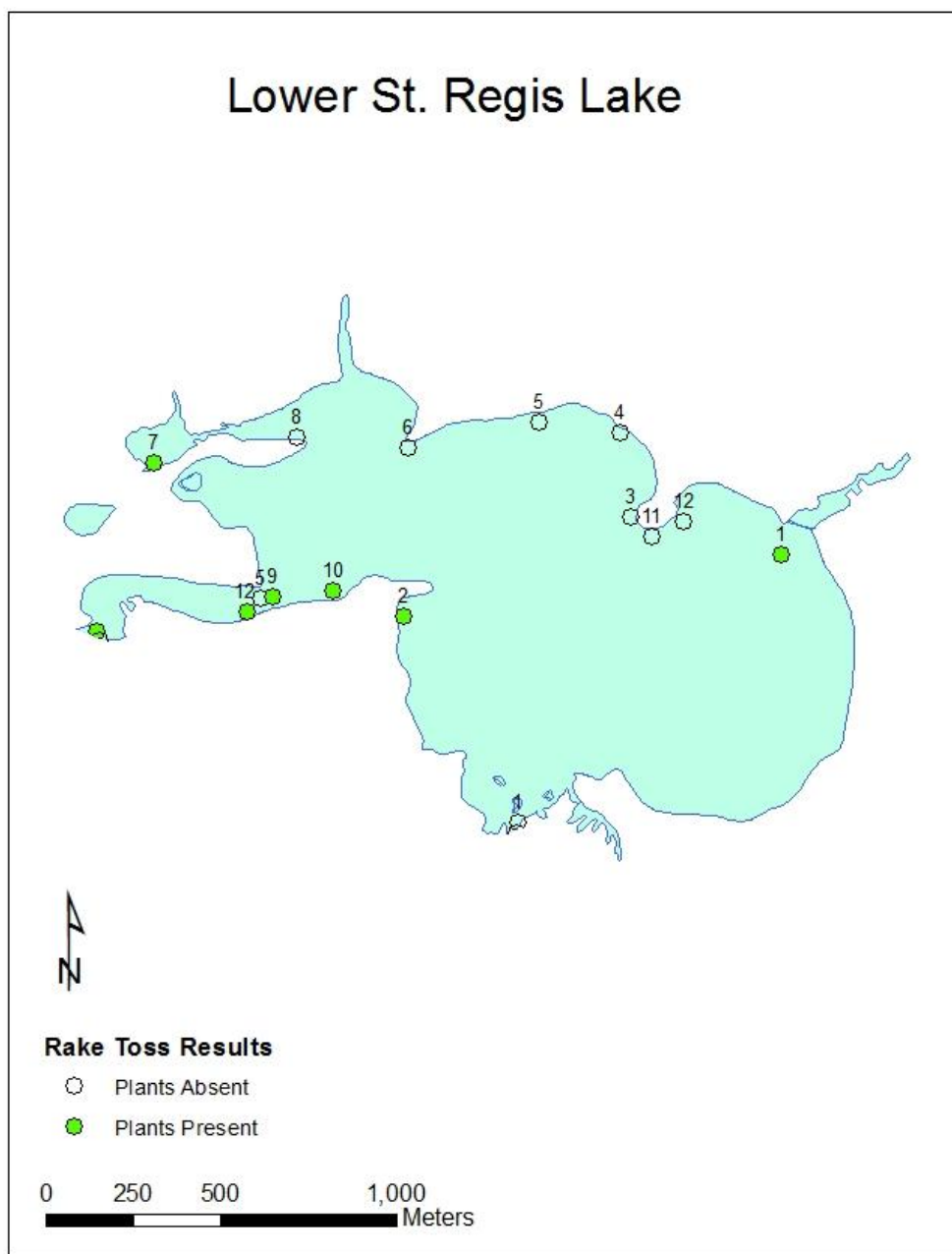
Lower St. Regis Lake is located in the town of Brighton in Franklin County, New York (Map 55). The 365 acre lake was accessed from a state canoe launch on Paul Smith's College campus. The college is located at the intersection of New York State Routes 86 and 30.

An aquatic plant survey of Lower St. Regis Lake was conducted 12-June-2012. No invasive aquatic species were detected during the survey. Aquatic plant coverage in Lower St. Regis Lake moderate, comprised of 15 beds that covered 45 acres or 12.3% of the surface area of the lake (Map 56). Nineteen different aquatic species were identified during this survey. Common species of these water bodies included White waterlily (*Nymphaea odorata*) and Bur-reed (*Sparganium sp.*). Purple bladderwort (*Utricularia purpurea*), Common bladderwort (*U. vulgaris*) and Shortspike watermilfoil (*Myriophyllum sibiricum*) could easily be confused with invasive species (Table 39).

Of the 12 rake tosses spaced throughout the littoral zone of Lower St. Regis Lake (Map 57), 5 had acquired plants upon recovery (42%). Flatstem pondweed (*Potamogeton zosterformis*) was the only species collected on the rake tosses that was not detected during the surface survey (Table 40).



Map 56: Location of the aquatic plant beds detected in Lower St. Regis Lake during the surface survey performed on 12 June, 2012.
Data for Plant Beds can be found on Table 39.



Map 57: Rake toss locations on Lower St. Regis Lake, 12 June, 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 40.

Table 39: Percent cover of aquatic plant species detected at each plant bed in Lower St. Regis Lake. Refer to Map 56 for bed locations. A = Abundant (<50% cover), C = Common (25-50%), P = Present (15-25%), O = Occasional (5-15%), and R = Rare (<5%).

Lower St. Regis Lake		Plant Bed Numbers															
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Scientific Name	Common Name	AREA (M ²)	2919	13373	146	4143	5868	1990	494	1177	2592	6051	3750	1458	44868	18936	74508
<i>Brasenia schreberi</i>	Water shield		-	-	-	P	C	-	-	-	O	O	R	R	O	-	O
<i>Eleocharis sp.</i>	Hairgrass		-	O	-	O	-	-	-	-	-	-	-	-	P	-	-
<i>Myriophyllum sibiricum</i>	Shortspike watermilfoil		-	-	-	-	-	-	-	-	-	-	-	-	-	-	O
<i>Nitella sp.</i>	Brittlewort		-	-	-	-	-	-	-	-	-	-	-	-	-	-	P
<i>Nuphar variegata</i>	Spatterdock		-	-	-	P	C	A	C	R	O	R	R	P	C	P	P
<i>Nymphaea odorata</i>	White waterlily		-	O	-	O	C	-	R	A	A	A	A	P	P	C	O
<i>Potamogeton amplifolius</i>	Large-leaf pondweed		C	A	-	C	O	-	-	-	P	R	-	-	C	P	O
<i>Potamogeton epihydrus</i>	Ribbon-leaf pondweed		-	-	-	-	-	-	-	-	-	-	-	-	P	-	O
<i>Potamogeton gramineus</i>	Variable-leaf pondweed		-	P	-	-	-	-	-	-	-	-	-	-	-	R	R
<i>Potamogeton natans</i>	Floating pondweed		-	-	-	R	O	-	R	-	-	-	-	-	-	-	-
<i>Potamogeton perfoliatus</i>	Clasping-leaf pondweed		C	C	-	-	O	-	-	-	R	-	-	O	R	O	O
<i>Potamogeton prealonus</i>	White-stem pondweed		-	R	-	-	-	-	-	-	-	-	-	-	C	-	-
<i>Potamogeton robbinsii</i>	Robbins pondweed		-	-	-	-	-	-	-	-	R	-	-	-	-	-	-
<i>Sagittaria graminea</i>	Grassy arrowhead		-	-	-	-	O	-	-	-	-	-	-	O	O	O	O
<i>Sparganium sp.</i>	Bur-reed		-	O	A	C	A	O	A	-	C	P	O	O	O	P	O
<i>Utricularia purpurea</i>	Purple bladderwort		-	-	-	-	-	-	-	-	-	-	-	R	-	-	-
<i>Utricularia vulgaris</i>	Common bladderwort		-	-	-	R	O	-	-	-	-	-	-	-	R	-	P
<i>Vallisneria americana</i>	Eel-grass		-	-	-	-	O	-	P	-	-	-	-	-	O	O	R

Table 40: Species present on the rake at each of the rake toss locations and abundance. Refer to Map 57 for Rake locations.

Lower St. Regis Lake		Rake Toss Numbers				
<i>Scientific Name</i>	<i>Common Name</i>	1	2	7	9	10
<i>Nitella sp.</i>	Brittlewort	-	-	-	-	R
<i>Potamogeton amplifolius</i>	Large-leaf pondweed	-	-	-	-	R
<i>Potamogeton epihydrus</i>	Ribbon-leaf pondweed	R	-	-	-	-
<i>Potamogeton gramineus</i>	Variable-leaf pondweed	R	-	-	-	-
<i>Potamogeton zosterformis</i>	Flatstem pondweed	-	-	P	R	-
<i>Sagittaria graminea</i>	Grassy arrowhead	R	-	-	-	-
<i>Utricularia purpurea</i>	Purple bladderwort	-	R	-	-	-
<i>Utricularia vulgaris</i>	Common bladderwort	C	-	R	-	-