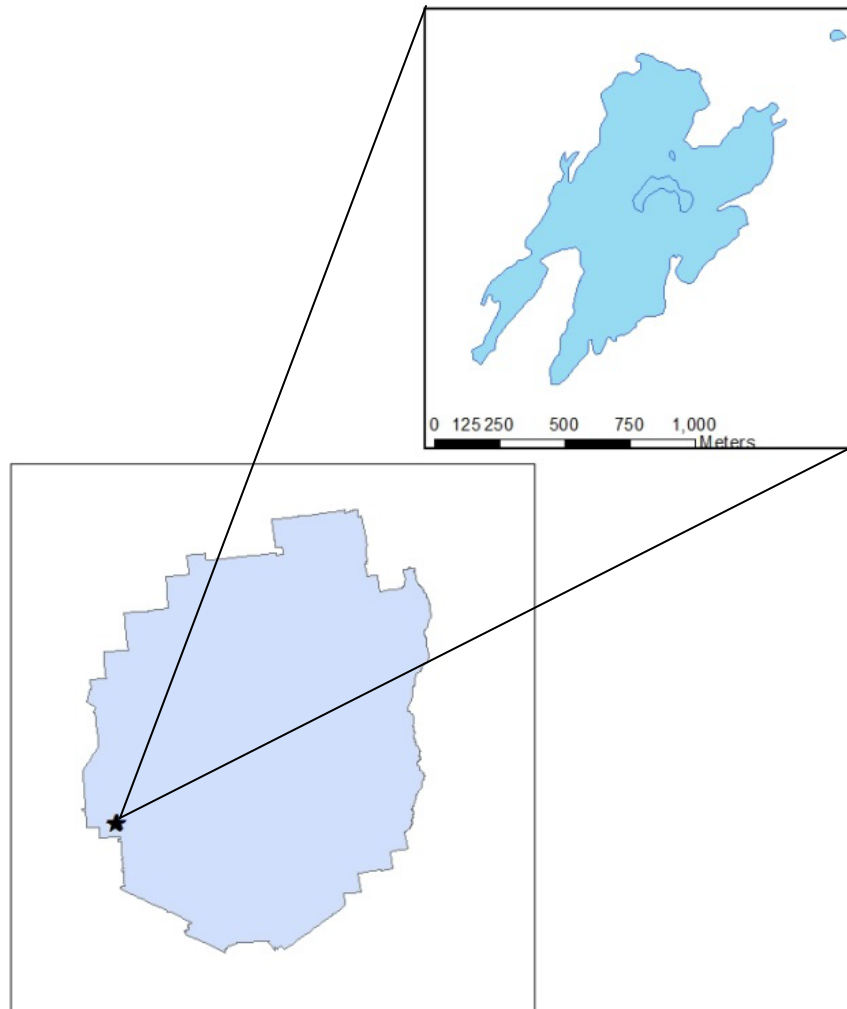


# Otter Lake Aquatic Plant Survey 2013



Map: 1 Location of Otter Lake

Otter Lake is located in the town of Forrestport in Oneida County, New York (Map 1).

An aquatic plant survey was conducted at Otter Lake on 25 June 2013. Aquatic plant coverage was moderate in Otter Lake, and was comprised of 12 plant beds that covered 19.2 acres or 13.8% of the lake. No invasive aquatic plants were detected in the survey. Eight species of native aquatic plant species were identified. Species most common in this lake included Grassy Arrowhead (*Sagittaria graminea*), Yellow Water Lily (*Nuphar variegata*), and White Water Lily (*Nymphaea odorata*) (Table 1).

Of the 46 rake tosses deployed through the littoral zone of Otter Lake, 3 had plants recovered. There was one species that was brought up on the rake that was not detected in the surface survey, Brittle Wort (*Nittela spp.*) (Table 2).

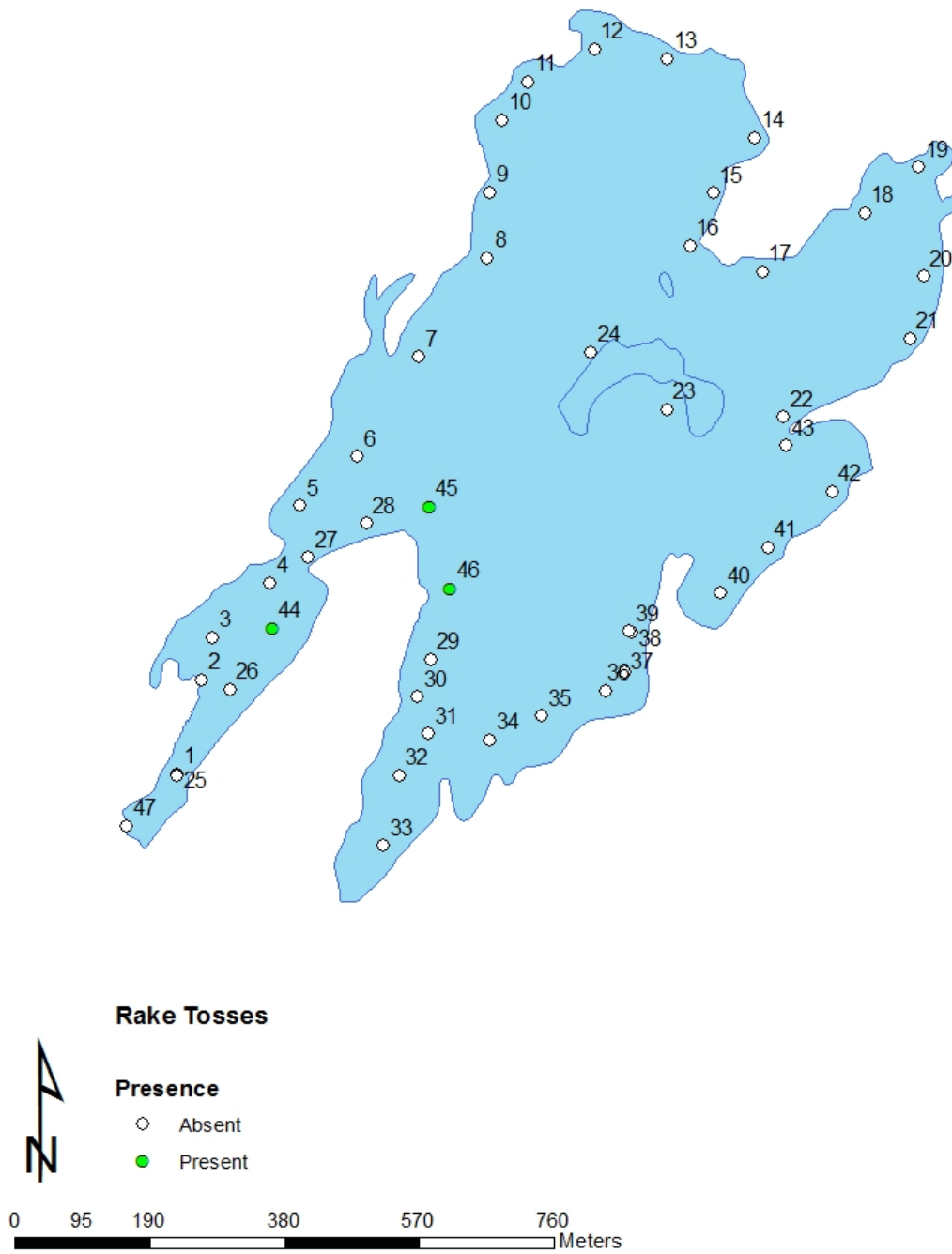
Table 1: Abundance and area of aquatic plant beds in Otter Lake. Refer to Map 3 for bed locations. Abundance key: 1=RARE (<5%), 2=OCCASIONAL (6-15%), 3=PRESENT(16-25%), 4=COMMON(26-50%), 5=ABUNDANT(>50%).

Bed #	Large-leaf Pondweed (Potamogeton amplifolius)	Ribbon-leaf Pondweed (Potamogeton epihydrus)	White Water Lily (Nymphaea odorata)	Yellow Water Lily (Nuphar variegata)	Common Bladderwort (Utricularia vulgaris)	Grassy Arrowhead (Sagittaria graminea)	Yellow floating Heart (Nymphoides peltata )	Area (Acres)
1			2	2		2		0.62
2			2	2				0.78
3			1	2				0.12
4				1				0.08
5				3		1		1.15
6				2				0.09
7				1			1	0.03
8				1				0.03
9				1				0.55
10	1	1	3	3		2		10.83
11				4	1	2		4.75
12				3				0.28

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

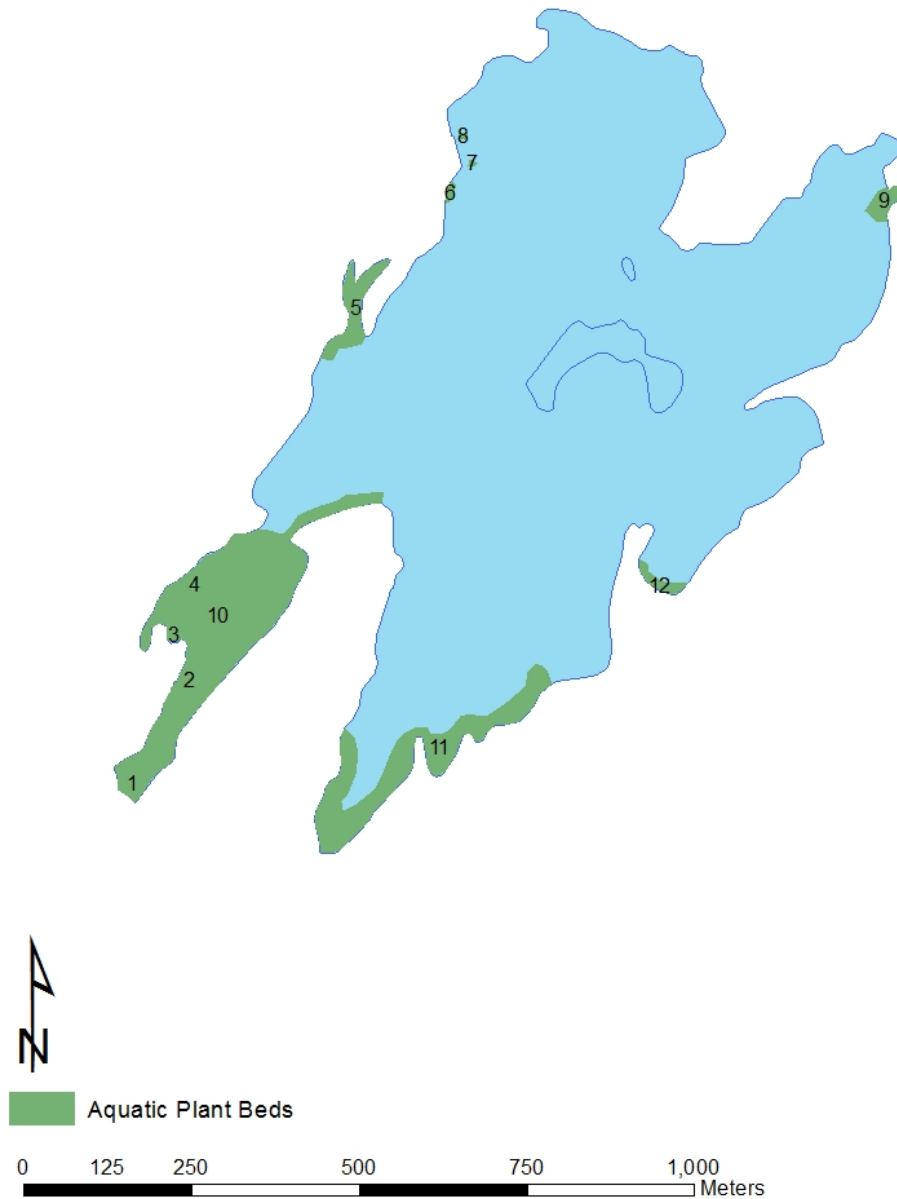
Rake Toss #	Brittle Wort ( <i>Nitella spp.</i> )	Yellow Water Lily ( <i>Nuphar variegata</i> )	Depth (ft)
44		3	4
45	1		6
46	1		3

# Otter Lake



Map 2: Rake toss locations on Otter Lake on 25 June 2013. Open circles represent locations where no plants were detected, closed circles represents locations where plants were encountered on the rake. Data for rake tosses can be found on Table 2.

# Otter Lake



Map 3: Locations of the aquatic plant beds detected in Otter Lake during the surface survey on 27 June 2013. Data for plant beds can be found on