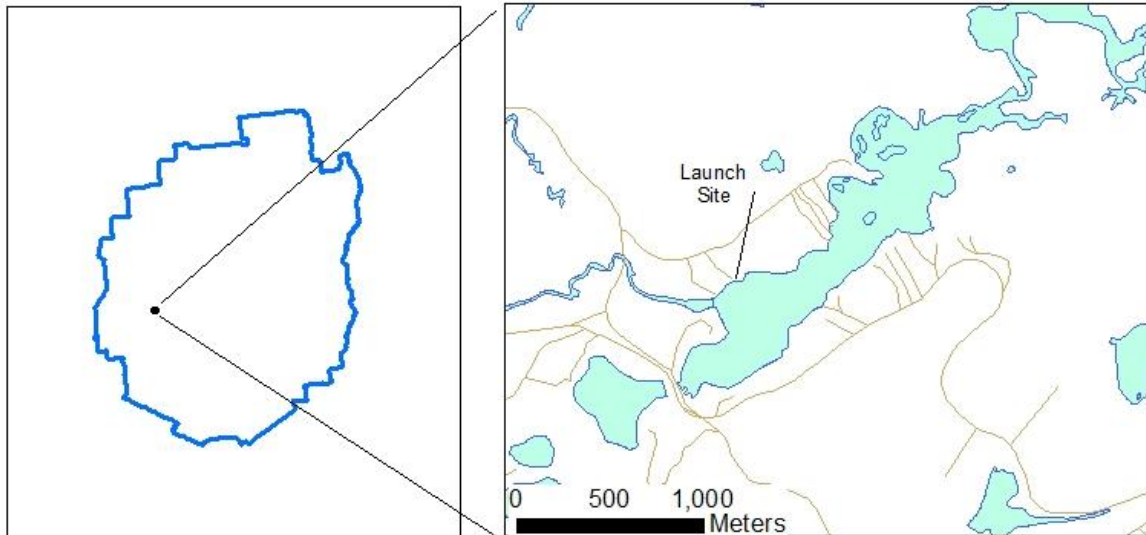


## Rondaxe Lake Aquatic Plant Survey 2012

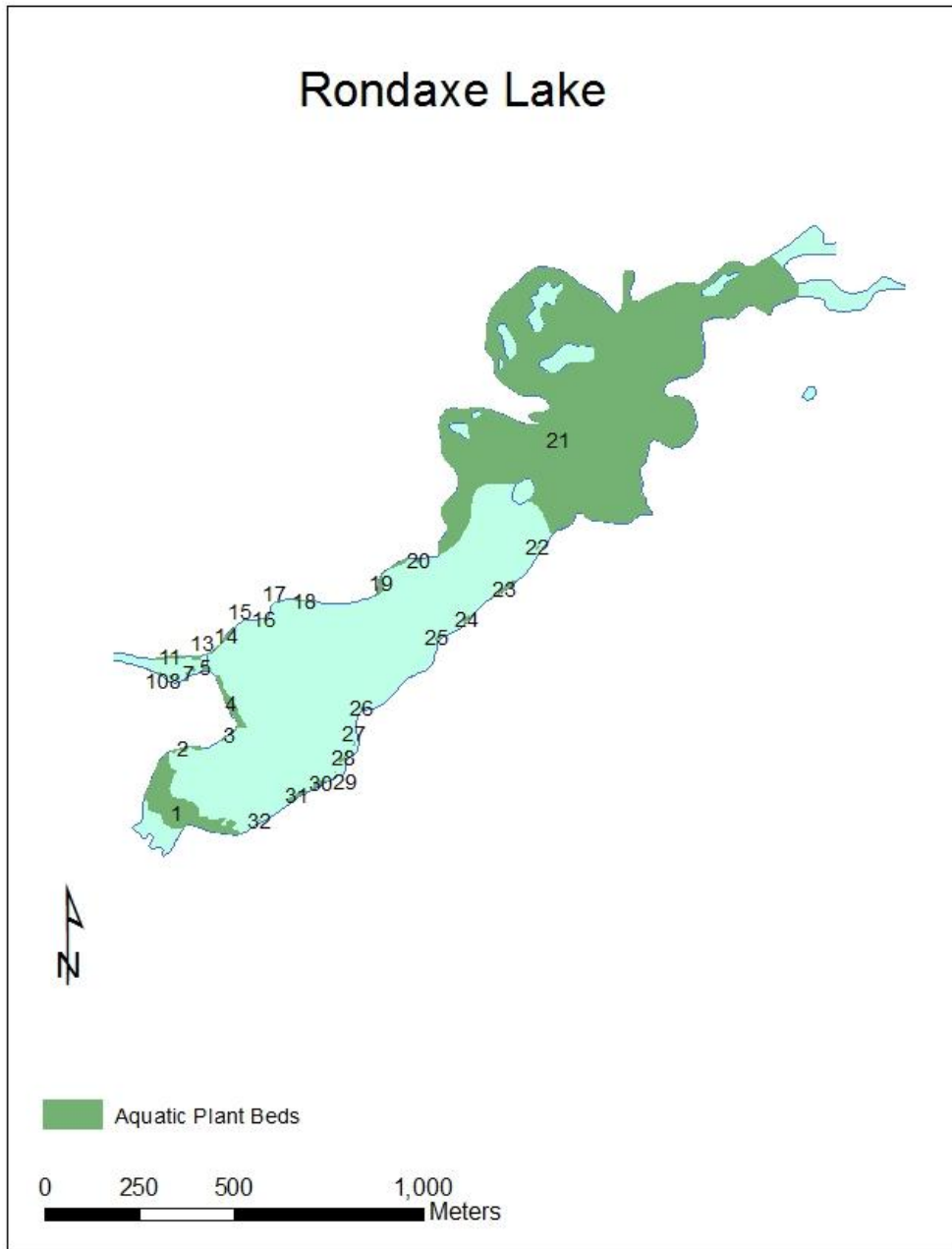


Map 92: Location of Rondaxe Lake.

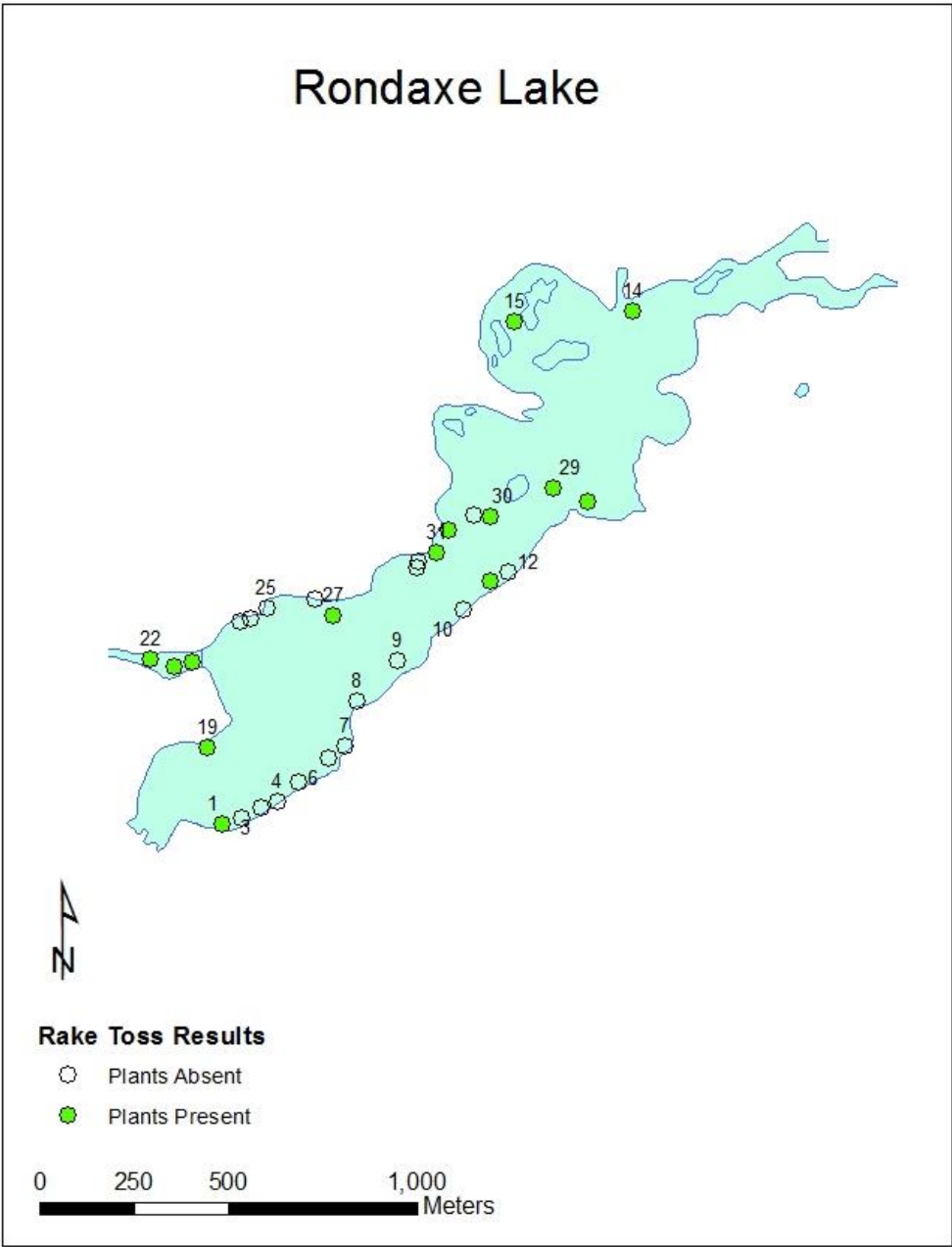
Rondaxe Lake is located in the town of Webb in Herkimer County, New York \*(Map 92). The 224 acre lake was accessed at the western end through the property of a private owner on Rondaxe Road 1.5 miles north of State Route 28, in Old Forge, New York.

An aquatic plant survey of Rondaxe Lake was conducted 05-July-2012. No invasive species were detected during this survey. Aquatic plant coverage in Rondaxe Lake was relatively high, comprised of 32 aquatic plant beds that collectively covered 88 acres or 39.3% of the surface area of the lake (Map 93). Sixteen different aquatic species were detected during this survey. The most common were White waterlily (*Nymphaea odorata*), Grassy arrowhead (*Sagittaria graminea*), and Bur-reed (*Sparganium sp.*). Flatleaf bladderwort (*Utricularia intermedia*), Purple bladderwort (*U. purpurea*), and Common bladderwort (*U. vulgaris*) were the only species which could easily be confused with invasive species in the lake (Table 63).

Of the 31 rake tosses spaced throughout the littoral zone of Rondaxe Lake (Map 94), 14 had acquired plants upon recovery (45.2%). All plants found on the rakes after retrieval were detected during the surface survey (Table 64).



Map 93: Location of the aquatic plant beds detected in Rondaxe Lake during the surface survey performed on 05 July, 2012.  
Data for Plant Beds can be found on Table 63.



Map 94: Rake toss locations on Rondaxe Lake, 05 July, 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 64.

Table 63: Percent cover of aquatic plant species detected at each plant bed in Rondaxe Lake. Refer to Map 93 for bed locations. A = Abundant (<50% cover), C = Common (25-50%), P = Present (15-25%), O = Occasional (5-15%), and R = Rare (<5%).

Rondaxe Lake			Plant Bed Numbers																															
Scientific Name	Common Name	AREA (M <sup>2</sup> )	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
<i>Brasenia schreberi</i>	Water shield	17358	R	-	-	R	-	-	-	-	-	-	O	-	O	-	-	-	-	R	R	-	P	-	-	-	-	-	-	O	-	-	O	-
<i>Eleocharis sp.</i>	Hairgrass	597	O	P	-	P	A	-	-	-	-	-	A	-	-	O	-	-	O	O	-	A	-	O	-	P	-	-	O	-	-	A	-	
<i>Eriocaulon sp.</i>	Pipewort	210	-	R	R	P	-	-	-	-	-	-	R	-	R	O	R	R	P	O	P	R	-	-	-	-	-	-	-	-	-	-	-	
<i>Lobelia dortmanna</i>	Water lobelia	2522	-	-	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	O	-	R	O	-	-	P	-	-	O	-	-	-	
<i>Nitella sp.</i>	Brittlewort	269	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	R	-	R	-	-	-	-	-	-	-	-	
<i>Nuphar variegata</i>	Spatterdock	83	O	O	-	-	O	-	-	-	-	-	O	O	O	-	R	R	-	R	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Nymphaea odorata</i>	White waterlily	92	A	A	C	A	C	R	A	A	-	A	A	P	A	A	A	A	C	A	C	A	O	P	P	A	P	P	C	P	P	A	C	
<i>Potamogeton epihydrus</i>	Ribbon-leaf pondweed	84	-	-	-	-	-	O	-	-	P	-	-	-	-	-	-	-	-	-	-	-	O	-	-	-	-	-	-	-	-	-	-	
<i>Potamogeton natans</i>	Floating pondweed	65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	R	-	-	-	-	-	-	-	-	-	-	-	
<i>Potamogeton robbinsii</i>	Robbins pondweed	82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	R	-	-	-	-	-	-	-	-	-	-	-	
<i>Sagittaria graminea</i>	Grassy arrowhead	608	R	R	O	R	-	-	-	-	-	R	R	-	-	R	O	O	R	O	P	R	R	R	R	-	-	-	O	-	-	-	R	
<i>Sparganium sp.</i>	Bur-reed	265	R	R	P	R	-	P	-	-	-	-	O	R	O	-	R	R	-	R	O	-	R	R	R	O	O	-	-	-	-	-	R	
<i>Utricularia intermedia</i>	Flatleaf bladderwort	142	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Utricularia purpurea</i>	Purple bladderwort	449	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	O	-	R	-	-	-	-	-	-	-	-	
<i>Utricularia vulgaris</i>	Common bladderwort	31	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	R	-	-	-	P	-	-	-	-	-	R	-	
<i>Vallisneria americana</i>	Eel-grass	1228	-	-	-	O	-	-	-	-	-	-	-	-	-	-	-	-	-	R	-	-	-	-	-	-	-	-	-	-	-	-	-	

Table 64: Species present on the rake at each of the rake toss locations and abundance. Refer to Map 94 for Rake locations.

Rondaxe Lake		Rake Toss Numbers														
Scientific Name	Common Name	1	11	13	14	15	17	19	20	21	22	27	29	30	31	
<i>Eleocharis sp.</i>	Hairgrass	-	-	R	R	R	R	O	-	-	-	-	O	-	R	
<i>Nitella sp.</i>	Brittlewort	-	P	-	O	-	-	-	R	R	-	R	-	-	-	
<i>Nymphaea odorata</i>	White waterlily	-	-	-	-	R	-	-	-	-	-	-	-	-	-	
<i>Utricularia purpurea</i>	Purple bladderwort	-	-	-	-	-	-	-	-	-	O	-	-	A	C	
<i>Utricularia vulgaris</i>	Common bladderwort	R	-	R	-	-	-	-	-	-	-	-	P	O	-	