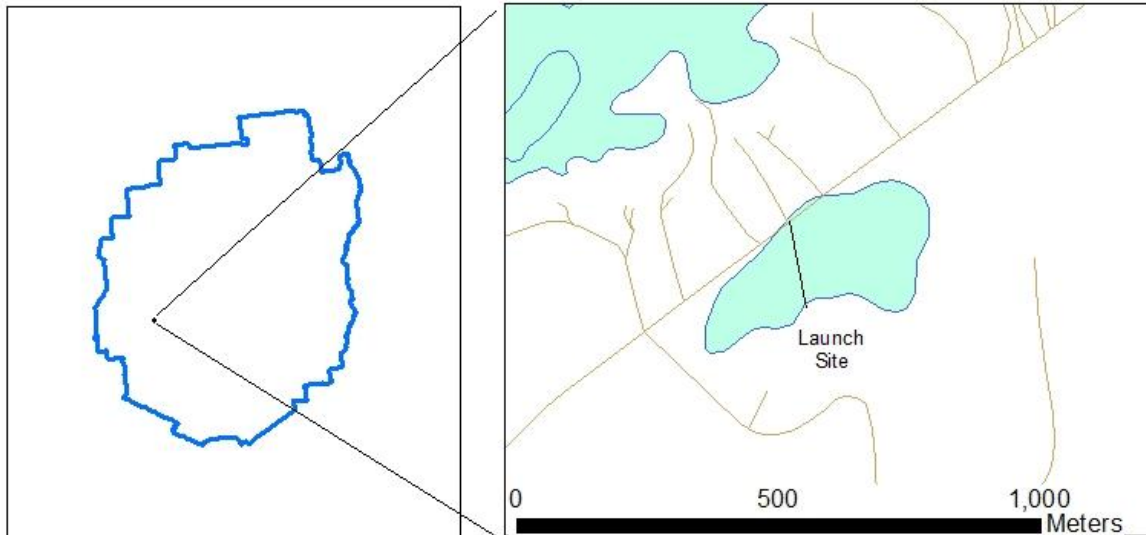


## Quiver Pond Aquatic Plant Survey 2012

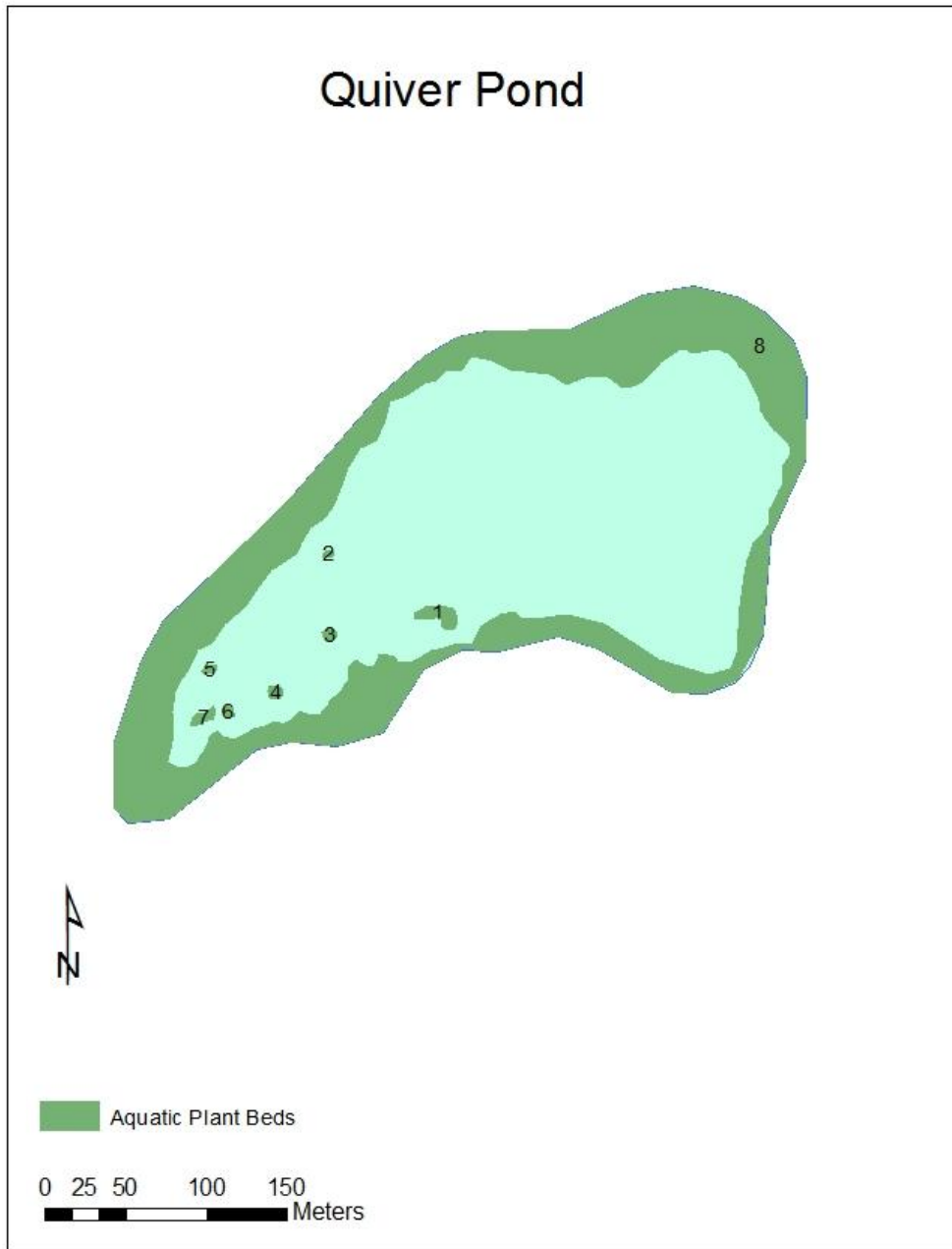


Map 79: Location of Quiver Pond.

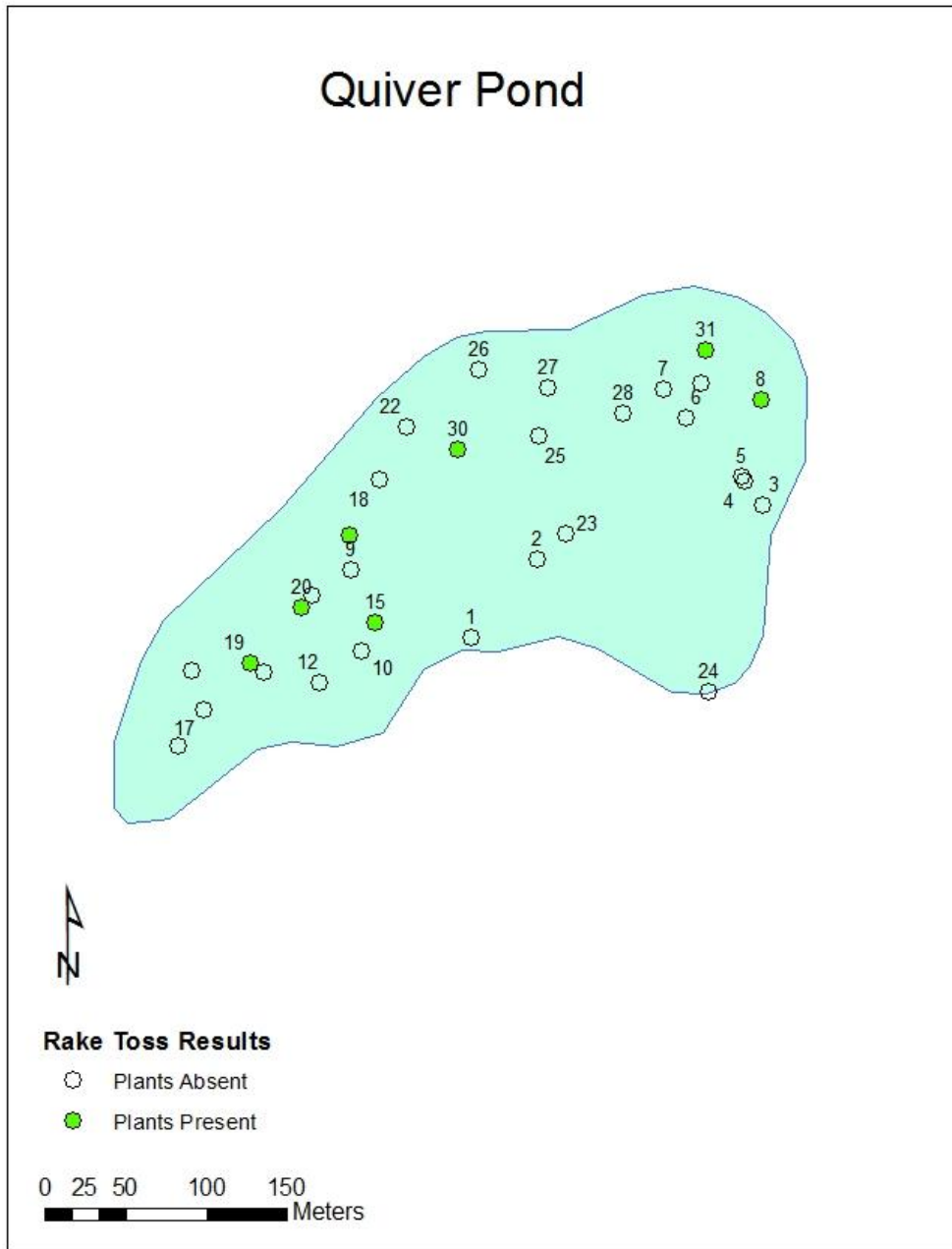
Quiver Pond is located in the town of Webb in Herkimer County New York, (Map 79). The 19 acre pond was accessed by canoe launch on the northern shore. The launch is found five and a half miles down South Shores Acres Road from New York State Route 28 in Old Forge, NY.

An aquatic plant survey of Quiver Pond was conducted 05-July-2012. No invasive species were detected during this survey. Aquatic plant coverage in Quiver Pond was relatively high, comprised of 8 aquatic plant beds that collectively covered 6.5 acres or 34.2% of the surface area of the pond. Eight different species were detected during this survey. The most common were Purple bladderwort (*Utricularia purpurea*) and Watershield (*Brasenia schreberi*). Purple bladderwort and Common bladderwort (*U. vulgaris*) were the only species which could easily be confused with invasive species in the pond (Table 54).

Of the 31 rake tosses spaced throughout the littoral zone of Quiver Pond (Map 81), 7 had acquired plants upon recovery (22.6%). Brittlewort (*Nitella sp.*) and Hairgrass (*Eleocharis sp.*) were species retrieved by the rakes that were not detected during the surface survey (Table 55).



Map 80: Location of the aquatic plant beds detected in Quiver Pond during the surface survey performed on 05 July, 2012.  
Data for Plant Beds can be found on Table 54.



Map 81: Rake toss locations on Quiver Pond, 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 55.

Table 54: Percent cover of aquatic plant species detected at each plant bed in Quiver Pond. Refer to Map 80 for bed locations. A = Abundant (<50% cover), C = Common (25-50%), P = Present (15-25%), O = Occasional (5-15%), and R = Rare (<5%).

Quiver Pond			Plant Bed Numbers							
			1	2	3	4	5	6	7	8
<b>Scientific Name</b>	<b>Common Name</b>	<b>AREA (M<sup>2</sup>)</b>	248	31	62	70	46	45	106	25692
<i>Brasenia schreberi</i>	Water shield		A	C	A	C	A	A	A	A
<i>Lobelia dortmanna</i>	Water lobelia		-	-	-	-	-	-	-	P
<i>Nuphar variegata</i>	Spatterdock		R	O	-	-	-	-	-	O
<i>Sagittaria graminea</i>	Grassy arrowhead		-	-	-	-	-	-	-	O
<i>Utricularia purpurea</i>	Purple bladderwort		R	R	R	R	O	-	O	A
<i>Utricularia vulgaris</i>	Common bladderwort		-	-	-	-	-	-	-	A

Table 55: Species present on the rake at each of the rake toss locations and abundance. Refer to Map 81 for Rake locations.

Quiver Pond		Rake Toss Numbers						
<b>Scientific Name</b>	<b>Common Name</b>	8	15	19	20	21	30	31
<i>Brasenia schreberi</i>	Water shield	P	-	-	-	-	-	-
<i>Nitella sp.</i>	Brittlewort	-	-	R	R	R	R	R
<i>Eleocharis sp.</i>	Hairgrass	-	R	-	-	-	-	-
<i>Utricularia purpurea</i>	Purple bladderwort	C	-	-	-	-	-	-