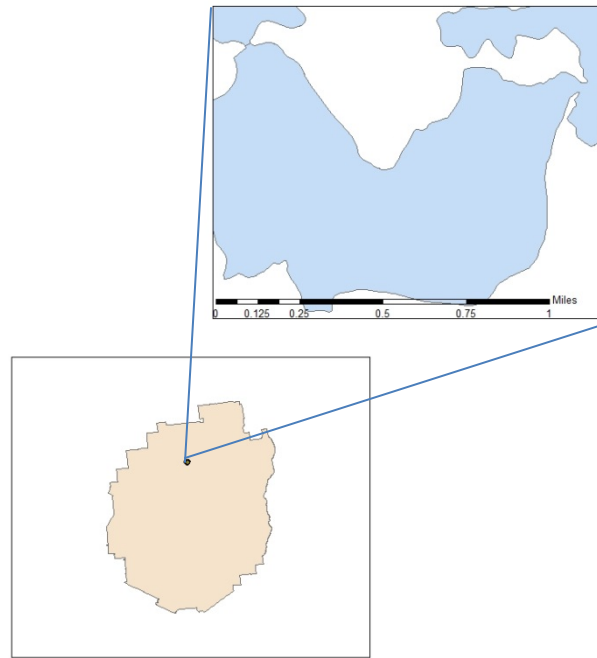


Hoel Pond Aquatic Plant Survey 2013



Map 1: Location of Hoel Pond in relation to the Adirondack Park.

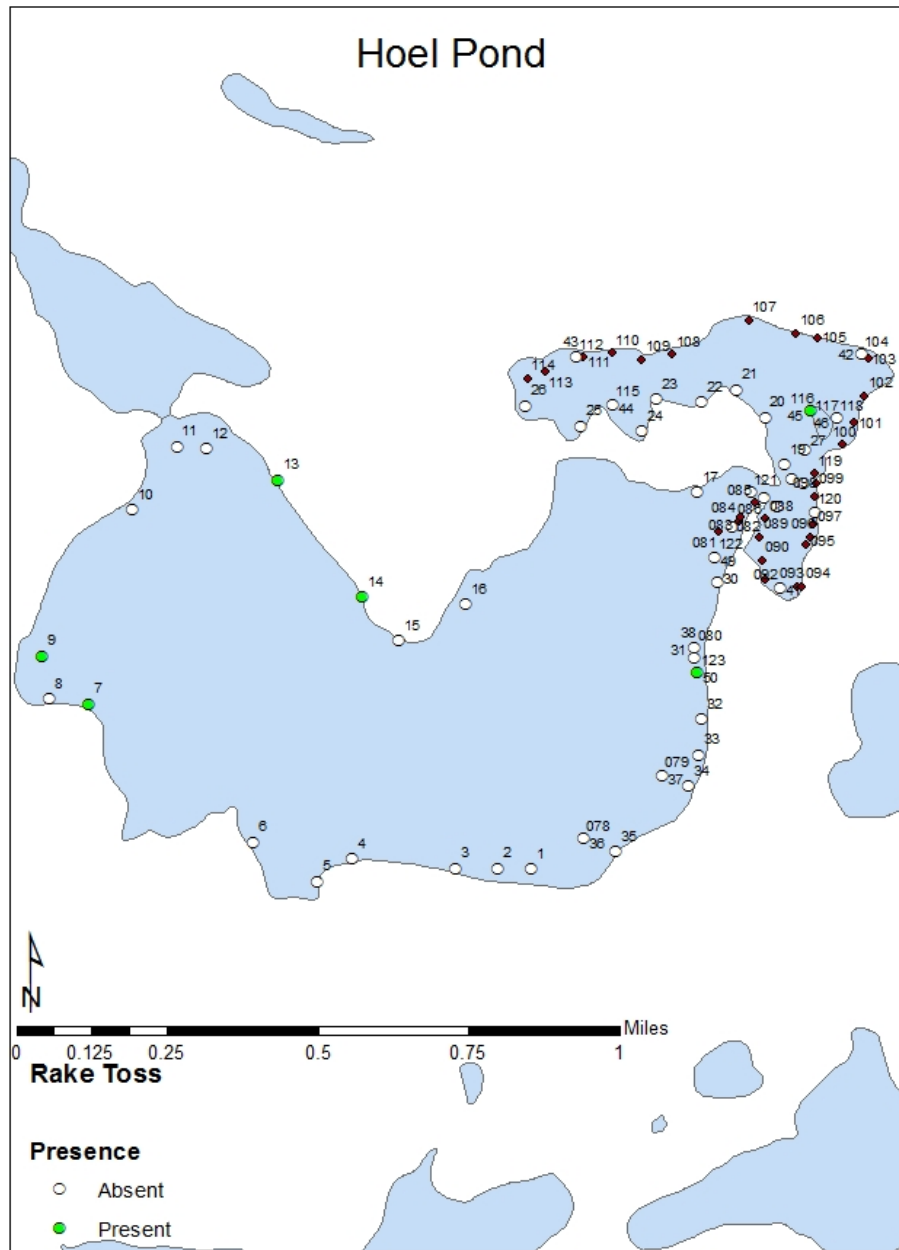
Hoel Pond is located in the Town of Santa Clara in the southwest corner of Franklin County, New York (Map 1). This 455 acre lake was accessed through the use of a public canoe launch near the Saranac Inn Golf and Country Club. Motor boats have access to this pond through the use of private boat launches.

An aquatic plant survey was conducted at Hoel Pond on 17 July 2013. Aquatic plant coverage was moderate, and was comprised of 13 plant beds that covered 40 acres or 9% of the lakes surface area (Map 3). No aquatic invasive plants were detected during this survey. Eleven different species of native aquatic plants were identified. Species most common in this lake were Water Shield (*Brasenia schreberi*) and White Water Lily (*Nymphaea odorata*) (Table 1).

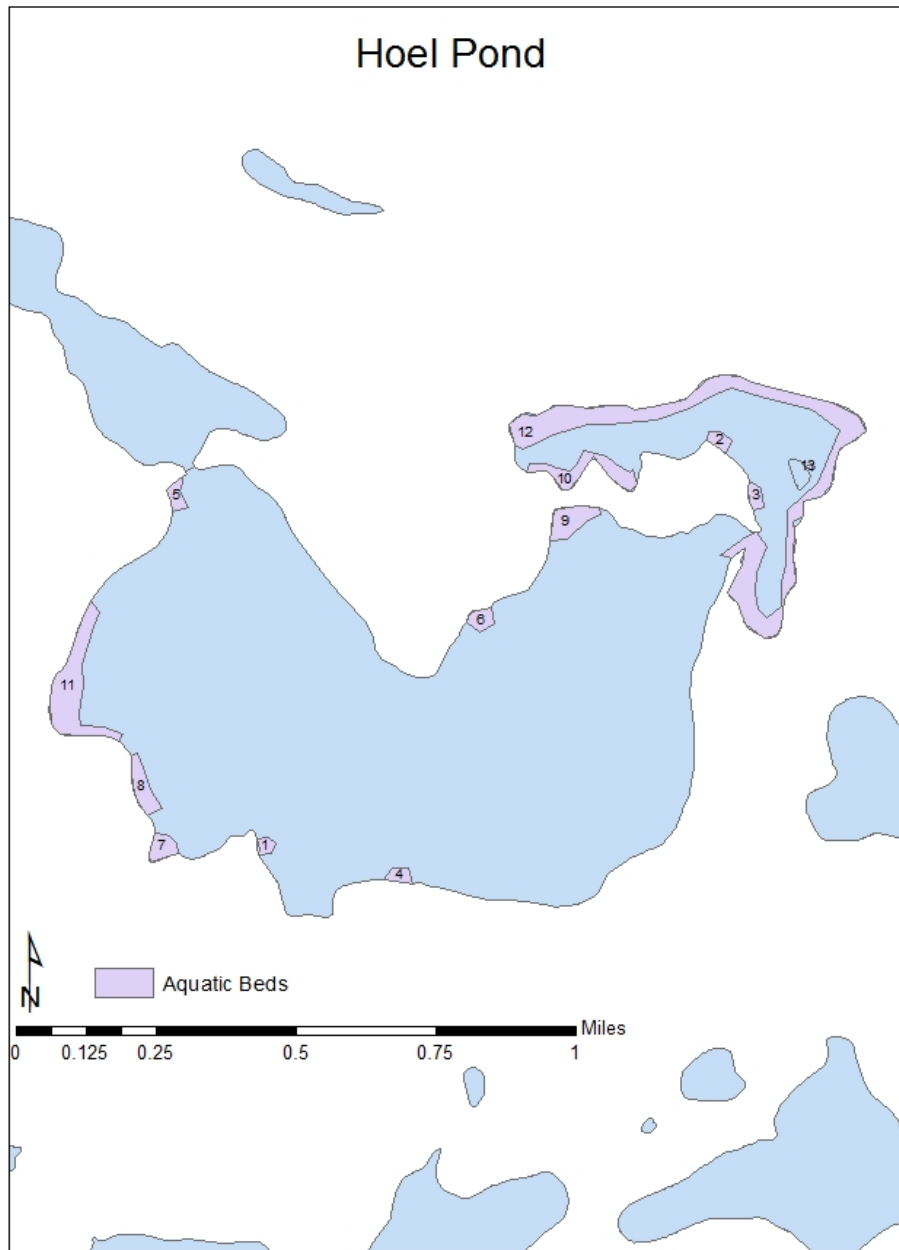
Of the 50 rake tosses deployed through the littoral zone of this lake, six had plants recovered. There were no plant species brought up on the rake that were not detected during the surface survey.

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

Rake Toss #	Pipewort (<i>Eriocaulon spp.</i>)	Purple Bladderwort (<i>Utricularia purpurea</i>)	Depth (ft)
7	1		3
9		2	6
13	1		3
14	1		3
45		3	7
50	2		9



Map 2: Rake toss locations on Hoel Pond on 17 July, 2013. 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 2.



Map 3: Locations of the aquatic plant beds detected in Hoel Pond during the surface survey on 17 July, 2013. Data for plant beds can be found on Table 1.