

## Chazy Lake

**Survey Date:** June 13, 2020

**Last Surveyed:** 2017

**Survey team:** M. Privee, P. Bly, T. Firkins, C. Vara

### Lake Description

Chazy Lake is 1843-acres and has 12.45-miles of shoreline. It is located in the town of Lyon Mountain, Clinton County and lies in the Lake Champlain watershed. The team launched two motorboats at the Lake Chazy boat launch, located at the north end of the lake.

### Aquatic Invasive Plant Presence

Dense and scattered beds *Myriophyllum spicatum* (Eurasian watermilfoil) were detected in the lake. I

### Native Plant Biota

Comprehensive surveys of all the native plants found within the lake were not prioritized in this survey as this data has previously been collected in 2017. A combination of native floating and submerged plants was detected. These species include: *Nymphaea odorata* (white water lily), *Nuphar variegata* (spatterdock), *Potamogeton amplifolius* (large-leaf pondweed), *Brasenia schreberi* (watershield), *Potamogeton alpinus* (red pondweed), *Sparganium angustifolium* (narrow-leaf bur-reed), *Elodea canadensis* (elodea), *Nitella spp.* (stonewort) (, *Potamogeton praelongus* (white-stem pondweed), *Potamogeton pusillus* (slender pondweed), *Potamogeton richardsonii* (Richardson's pondweed), *Ranunculus aquatilis* (white water crowfoot).

### Aquatic Invasive Animal Presence

Sediment sieves were taken to determine the presence of *Corbicula fluminea* (Asian clams). None were found, however Chinese mystery snail (*Cipangopaludina chinensis*) was found. Three plankton tows were also conducted with no invasive zooplankton detected.

## Chazy Lake Invasive Species Percent Cover (See map on adjacent page)

Eurasian watermilfoil				Eurasian watermilfoil				Eurasian watermilfoil			
Bed	Size (Ac.)	Size (Sq. Ft.)	% Cover	Bed	Size (Ac.)	Size (Sq. ft)	%	Bed	Size (Ac.)	Size (Sq. Ft.)	% Cover
1	0.14	6220.58	51-100	22	0.24	10347.86	1-10	43	1.55	67637.43	11-25
2	0.26	11471.15	51-100	23	0.78	34045.53	1-10	44	0.68	29755.49	1-10
3	2.35	102288.71	51-100	24	0.14	5976.63	<1	45	1.68	73236.15	26-50
4	0.16	6934.00	51-100	25	1.00	43403.13	<1	46	1.08	46829.24	26-50
5	0.05	2012.84	26-50	26	0.12	5094.30	<1	47	0.07	3230.29	<1
6	1.57	68176.38	51-100	27	3.85	167890.0	11-25	48	0.06	2456.53	1-10
7	2.29	99821.40	<1	28	2.76	120343.8	51-100	49	0.23	9939.37	1-10
8	1.33	58092.33	1-10	29	4.11	179186.5	51-100				
9	2.15	93534.41	<1	30	0.75	32683.34	51-100				
10	0.40	17300.96	<1	31	0.07	3110.00	<1				
11	0.06	2484.36	<1	32	0.57	24698.35	1-10				
12	0.86	37467.04	1-10	33	0.65	28296.97	<1				
13	0.46	20201.52	<1	34	0.42	18126.80	26-50				
14	0.24	10571.92	<1	35	1.80	78236.04	11-25				
15	0.21	8932.10	1-10	36	0.95	41367.29	26-50				
16	0.44	19250.08	1-10	37	2.26	98455.38	26-50				
17	0.22	9414.16	1-10	38	0.98	42820.84	11-25				
18	0.07	2997.99	<1	39	3.56	154933.1	51-100				
19	0.08	3690.48	1-10	40	1.09	47357.73	51-100				
20	0.18	7978.45	11-25	41	0.55	23755.60	26-50				
21	0.26	11240.51	26-50	42	1.28	55920.15	11-25				
									<b>Asian Clam</b>		<b>Spiny Waterflea</b>
									Present (Y/N)		Present (Y/N)
									No		No

