Bartlett Pond

Survey Date: August 26, 2021
Last Surveyed: June 26 and 27, 2018
Survey Team: T. Firkins, J. Young

Lake Description

Bartlett Pond is 99-acres and has 1.93-miles of shoreline. It is located in the town of Moriah, Essex County and lies in the Lake Champlain watershed. The team launched at the hand launch off of County Highway 7B (Bartlett Pond Road).

Aquatic Invasive Plant Presence

A total of 25 invasive *Myriophyllum spicatum* (Eurasian watermilfoil) plant beds were mapped, with the heaviest concentrations documented at the northern end of the pond.

Native Plant Biota

Comprehensive surveys of all native plants found within the pond were not prioritized in 2021, as this data had been previously collected in 2015 when the lake was first surveyed. The following native plants were found and identified: *Brasenia schreberi* (water shield), *Potamogeton amplifolius* (large leaf pondweed), *Eriocaulon aquaticum* (pipewort), *Nuphar variegate* (spatterdock), *Utricularia vulgaris* (common bladderwort), *Pontedaria cordata* (pickerel weed), *Nymphaea odorata* (white water lily), *and Potamogeton natans* (floating leaf pondweed).

Aquatic Invasive Animal Presence

Sediment sieves were taken to determine the presence of *Corbicula fluminea* (Asian clams). None were found.

Eurasian Watermilfoil				Eurasian Watermilfoil			
Bed	Size (Ac.)	Size (Sq. Ft.)	% Cover	Bed	Size (Ac.)	Size (Sq. Ft.)	% Cover
1	0.06	2459.86	51-100	15	0.17	7577.89	1-10
2	0.04	1533.10	51-100	16	0.09	3954.18	11-25
3	0.05	2300.44	26-50	17	0.06	2425.11	11-25
4	0.09	3878.17	11-25	18	0.03	1490.74	11-25
5	0.13	5843.32	1-10	19	0.01	548.67	1-10
6	0.28	12195.39	51-100	20	0.03	1098.55	1-10
7	0.01	440.11	51-100	21	0.09	3966.26	11-25
8	0.02	689.31	51-100	22	0.06	2423.34	11-25
9	0.10	4437.22	26-50	23	0.06	2740.97	11-25
10	0.22	9454.63	51-100	24	0.03	1245.26	11-25
11	0.47	20352.93	26-50	25	0.05	2193.87	51-100
12	0.66	28676.35	26-50	**Asian Clam**		**Spiny Waterflea**	
13	0.43	18686.20	11-25	Present (Y/N)		Present (Y/N)	
14	0.02	720.85	1-10	No		N/A	

Bartlett Pond
Aquatic Plant Survey 2021

County: Essex
Town: Moriah
Lake Area (acres): 98.8

Date Surveyed: 08/26/2021
AIS Bed Area (acres): 6.3
AIS Observed: EWM

Boat Path   ss   Sieve Sample

Native Vegetation
Biovolume (%)
< 1
1 - 10
11 - 25
26- 50
51 - 100

Invasive Plant
Density (%)
< 1
1 - 10
11 - 25
26- 50
51 - 100

Bartlett Pond

Riddle-Rd

Co-Hwy-7b

0   0.1 Kilometers
0   0.1 Miles

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