

## Bartlett Pond

Survey Date: June 26 & 27, 2018

### Lake Description

Bartlett Pond is 96.18 acres. It is located in the town of Mineville, 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 32 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 2018, as this data had been previously collected in 2015 when the lake was first surveyed. Alongside the *Myriophyllum spicatum* beds were native pondweed (*Potamogeton*) species, such as *Potamogeton perfoliatus* (clasping leaf pondweed). Abundant in the shallower northeast and northwest bays of the pond were three varieties of floating plant species, including: *Brasenia schreberi* (watershield), *Nymphaea odorata* (white water lily), and *Nuphar variegata* (bullhead pond lily). *Chara* spp., a genus of green algae, was also detected in the pond. This species was found in shallow water where the bottom substrate was soft.

### Aquatic Invasive Animal Presence

Sediment sieves were taken to determine the presence of *Corbicula fluminea* (Asian clams). None were found. Three plankton tows were also conducted with no invasive plankton detected.

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

Eurasian Watermilfoil				Eurasian Watermilfoil			
Bed	Size (Ac.)	Size (Sq. Ft.)	% Cover	Bed	Size (Ac.)	Size (Sq. Ft.)	% Cover
1	0.06	2726	51 to 100	19	0.10	4513	51 to 100
2	0.01	408	26 to 50	20	0.01	316	1 to 10
3	0.00079	34	51 to 100	21	0.07	3004	11 to 25
4	0.000073	3	26 to 50	22	0.04	1926	1 to 10
5	0.000111	5	11 to 25	23	0.05	2309	1 to 10
6	0.77	33382	51 to 100	24	0.02	865	26 to 50
7	0.01	334	51 to 100	25	0.29	12731	51 to 100
8	0.000308	13	1 to 10	26	0.09	3775	11 to 25
9	0.01	621	11 to 25	27	1.20	52170	26 to 50
10	0.001033	45	26 to 50	28	0.13	5749	51 to 100
11	0.000087	4	1 to 10	29	0.000292	13	51 to 100
12	0.000097	4	1 to 10	30	0.59	25533	51 to 100
13	0.003465	151	11 to 25	31	0.000321	14	11 to 25
14	0.08	3453	26 to 50	32	0.23	10146	11 to 25
15	0.34	14800	51 to 100				
16	0.000345	15	<1				
17	0.22	9376	51 to 100				
18	0.21	9060	51 to 100				
					<b>Asian Clam</b>	<b>Spiny Waterflea</b>	
					Present (Y/N)	Present (Y/N)	
					No	No	

