

Stewarts Bridge Reservoir

Survey Date: June 29, 2021

Last Surveyed: 2009

Survey Team: T. Firkins, J. Young

Lake Description

Stewart Bridge Reservoir is 470-acres and has 9.6-miles of shoreline. It is located in the town of Hadley in Saratoga County and lies in the Upper Hudson River watershed. The team launched a motorboat at a public launch, located at a bay on the northern shore of the lake along North Shore road.

Aquatic Invasive Plant Presence

Dense beds of *Myriophyllum spicatum* (Eurasian watermilfoil) and a single bed of *Potamogeton crispus* (curly-leaf pondweed) were documented.

Native Plant Biota

Comprehensive surveys were not prioritized in 2021 as invasive species were the primary focus of the surveys. The following native plants were found: *Brasenia schreberi* (water shield), *Elodea nuttallii* (slender waterweed), *Potamogeton natans* (floating-leaf pondweed), *Potamogeton perfoliatus* (clasping-leaf pondweed), *Pontedaria cordata* (pickerelweed), *Iris versicolor* (blue flag iris), *Sparganium angustifolium* (narrow-leaf burr reed), *Potamogeton amplifolius* (large leaf pondweed), *Utricularia macrorhiza* (common bladderwort).

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 *Bythotrephes longimanus* (spiny water flea) detected.

Eurasian Watermilfoil				Eurasian Watermilfoil				Curly-leaf Pondweed				
Bed	Size (Ac.)	Size (Sq. Ft.)	% Cover	Bed	Size (Ac.)	Size (Sq. Ft.)	% Cover	Bed	Size (Ac.)	Size (Sq. Ft.)	% Cover	
1	0.04	1780.30	<1	26	0.01	445.41	<1	23	0.01	445.34	<1	
2	0.33	14348.54	26-50	27	0.01	445.40	1-10					
3	0.00	69.24	1-10	28	0.01	445.31	<1					
4	0.04	1780.39	11-25	29	1.47	63862.71	11-25					
7	0.57	24998.45	11-25	30	0.21	9134.62	1-10					
9	0.01	445.20	NR	31	0.01	445.21	NR					
10	0.12	5353.00	26-50	32	0.01	445.19	NR					
11	0.01	445.20	NR	33	0.01	445.14	NR					
17	1.13	49386.98	26-50	34	0.01	445.13	NR					
18	0.00	187.28	26-50	35	0.01	445.15	NR					
19	0.01	445.25	51-100	36	0.09	3907.87	11-25					
20	0.65	28201.94	11-25	37	0.66	28732.80	26-50					
21	0.17	7477.12	1-10									
22	0.01	445.32	1-10									
24	0.01	445.34	<1									
25	0.01	445.40	<1									
					Asian Clam		Spiny Waterflea					
					Present (Y/N)		Present (Y/N)					
					No		Yes					

**Stewarts Bridge Reservoir
Aquatic Plant Survey 2021**

County: Saratoga Date Surveyed: 06/29/2021
 Town: Hadley AIS Bed Area (acres): 14.5
 Lake Area (acres): 469.8 AIS Observed: CLP, EWM

PT Phytoplankton Tow SS Sieve Sample
 Boat Path

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

