

## Brant Lake

**Survey Date:** June 14 and June 15, 2021

**Last Surveyed:** 2020

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### Lake Description

Brant Lake is a 1521-acre lake with 22.3-miles of shoreline. It is in the town of Horicon in Warren County within the Upper Hudson River watershed. The team was able to launch a motorboat from a public boat launch on the southeastern shore of the lake.

### Aquatic Invasive Plant Presence

Beds of *Myriophyllum spicatum* (Eurasian watermilfoil) and *Potamogeton crispus* (curly leaf pondweed) were located throughout the lake in isolated bays. *Iris pseudacorus* (yellow iris) was also located along the shores of the lake in isolated patches.

### 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: *Nuphar variegata* (spatterdock), *Brasenia schreberi* (water shield), *Nymphaea odorata* (white-water lily), *Ceratophyllum demersum* (common bladderwort), *Pontedaria cordata* (pickerelweed), *Typha* spp. (cattail spp.), *Potamogeton natans* (floating-leaf pondweed), *Elodea nuttallii* (slender waterweed), *Potamogeton perfoliatus* (clasping-leaf pondweed), *Zostera marina* (common eelgrass), *Potamogeton robbinsii* (Robbin's pondweed), *Sparganium angustifolium* (narrow-leaf burr reed), *Potamogeton amplifolius* (large leaf pondweed), *Ceratophyllum demersum* (coontail), *Potamogeton praelongus* (white-stem pondweed), and *Sagittaria graminea* (grassy arrowhead).

### 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 zooplankton 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	0.01	255.50	1-10	21	0.05	2135.07	11-25	4	0.29	12647.67	11-25	
2	0.83	36283.22	11-25	22	0.06	2726.33	11-25	18	0.00	150.98	11-25	
3	0.65	28173.58	11-25	23	0.00	145.18	1-10					
5	0.08	3687.64	11-25	24	0.12	5096.53	26-50					
6	0.00	59.00	51-100	25	0.05	2231.42	26-50					
7	0.01	567.63	1-10	26	0.02	976.47	11-25					
8	0.11	4681.38	11-25	27	0.10	4348.23	11-25					
9	0.05	2273.87	11-25	28	0.19	8298.16	11-25					
10	0.15	6435.08	26-50	29	0.07	3105.10	26-50					
11	0.18	7830.22	11-25	30	0.41	17832.44	11-25					
12	0.06	2448.10	26-50	31	0.62	26796.62	11-25					
13	0.42	18196.65	11-25	32	0.15	6431.30	11-25					
14	0.18	7911.72	26-50	33	0.04	1959.67	11-25					
15	0.58	25328.09	51-100	34	0.62	26984.03	11-25					
16	0.07	2976.13	26-50									
17	0.09	4002.81	51-100									
19	0.49	21415.42	51-100									
20	0.05	1986.70	1-10									
					<b>Asian Clam</b>		<b>Spiny Waterflea</b>					
					Present (Y/N)		Present (Y/N)					
					No		No					

