

Lake Narrative

Lake Durant

Survey Date: July 24-26, 2018

Lake Description

Lake Durant is 307.76 acres. It is located in Indian Lake, Hamilton County and lies in the Upper Hudson watershed. The team launched at the Department of Environmental Conservation's Lake Durant Campground and the canoe put-in off Route 28. A motorboat was used for most of the lake and a canoe for the shallow sections.

Aquatic Invasive Plant Presence

Lake Durant's shallow waters, coupled with a low water level, revealed dense beds of *Myriophyllum heterophyllum* (variable-leaf milfoil) across large portions of the lake.

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. The most common native plant found on Lake Durant was *Pontederia* spp. (pickerel weed). Other native species detected included: *Potamogeton gramineus* (variable pondweed), *Utricularia purpurea* (large purple bladderwort), *Vallisneria americana* (eelgrass), and *Brasenia schreberi* (watershield).

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.

Note: The map of Lake Durant does not show BioBase data in this report due to the technology limitations described on page 13.

Invasive Species Percent Cover (See map on adjacent page)

Variable-Leaf Watermilfoil				Variable-Leaf Watermilfoil			
Bed	Size (Ac.)	Size (Sq. Ft.)	% Cover	Bed	Size (Ac.)	Size (Sq. Ft.)	% Cover
1	23.85	1,038,690	51 to 100	10	3.05	132,909	51 to 100
2	8.11	364,523	51 to 100	11	1.52	66,414	26 to 50
3	20.81	906,670	51 to 100	12	11.28	491,529	51 to 100
4	22.88	996,675	51 to 100	13	3.18	147,914	51 to 100
5	7.68	362,363	26 to 50	14	6.88	299,788	51 to 100
6	7.48	357,799	51 to 100	15	0.26	12,456	11 to 25
7	34.38	1,514,150	26 to 50	16	0.03	1,379	26 to 50
8	1.06	64,314	11 to 25	17	0.50	21,735	51 to 100
9	6.44	280,364	11 to 25				
				Asian Clam Present (Y/N)		Spiny Waterflea Present (Y/N)	
				No		No	

