Fulton Chain Lakes, Sixth Lake

Survey Date: July 2, 2019 Last Surveyed: 2016

Lake Description

Sixth Lake is a 115.77-acre lake that is part of the Fulton Chain Lakes in the town of Inlet, Hamilton County. It is in the Black River watershed and has 3.87-miles of shoreline. The team launched two motorboats at the DEC hard launch off NY-Route 28 and accessed Sixth Lake through the connecting channel.

Aquatic Invasive Plant Presence

A total of 11 invasive *Myriophyllum heterophyllum* (variable leaf milfoil) beds were found, with dense concentrations found along the eastern shore and along the southern side. In previous surveys, *Myriophyllum spicatum* (Eurasian watermilfoil) had been detected in Sixth Lake, but the team was unable to locate any plants in 2019, likely due to inaccessibility due to lower water levels.

Native Plant Biota

Comprehensive surveys of all native plants found within the lake were not prioritized in 2019 as this data had previously been collected in 2016. In addition to the invasive plant beds found, native plants detected were: *Brasenia schreberi* (watershield), *Nuphar variegata* (yellow pond lily), *Potamogeton epihydrus* (ribbon leaf pondweed), *Vallisneria americana* (eelgrass), *Nymphaea odorata* (white water lily), *Eleocharis* spp. (hairgrass), *Potamogeton natans* (floating leaf pondweed), *Eriocaulon* spp. (pipewort), *Nitella* spp., *Chara* spp. (muskgrass), and *Nymphoides cordata* (little floating heart).

Aquatic Invasive Animal Presence

Sediment sieves were not taken to determine the presence of *Corbicula fluminea* (Asian clams) due to the fact that there was no public, sandy areas along the shoreline available to be surveyed. Three plankton tows were conducted with no invasive zooplankton detected.

Invasive Species Percent Cover (See map on adjacent page)

Variable Leaf Milfoil					Variable Leaf Milfoil				
Bed	Size (Ac.)	Size (Sq. Ft.)	% Cover	Bed	Size (Ac.)	Size (Sq. Ft.)		% Cover	
1	2.68	116723.00	51-100	9	.07	2920.10		26-50	
2	.20	8618.58	26-50	10	.15	6372.97		<1	
3	.08	3309.00	11-25	11	.06	2615.45		26-50	
4	.07	3034.37	51-100						
5	.74	32233.70	51-100						
6	1.24	54177.50	<1		Asian Clam		Spiny Waterflea		
7	7.91	344603.00	51-100	F	Present (Y/N)		Present (Y/N)		
8	18.09	787941.00	51-100		No		No		









