

Fulton Chain Lakes, Fourth Lake

Survey Date: June 26-27, 2019

Last Surveyed: 2016

Lake Description

Fourth Lake is a 2052.72-acre lake that is part of the Fulton Chain Lakes in the towns of Webb, Herkimer County and Inlet, Hamilton County. It is in the Black River watershed and has 19.24-miles of shoreline. The team launched two motorboats at the DEC hard launch off of NY-Route 28 on the east end of the lake.

Aquatic Invasive Plant Presence

Small, scattered beds of *Myriophyllum heterophyllum* (variable leaf milfoil) were detected in the lake. In total, 2 beds of *Myriophyllum heterophyllum* were mapped.

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. Native plants detected included: *Potamogeton praelongus* (white stemmed pondweed), *Vallisneria americana* (eelgrass), *Nuphar variegata* (yellow pond lily), *Sagittaria graminea* (grassy arrowhead), *Potamogeton perfoliatus* (clasping leaf pondweed), *Chara* spp. (muskgrass), *Nymphaea odorata* (white water lily), *Eleocharis* spp. (hairgrass), *Brasenia schreberi* (watershield), *Nitella* spp., *Potamogeton amplifolius* (large leaf pondweed), *Eriocaulon* spp. (pipewort), *Utricularia vulgaris* (common bladderwort), *Potamogeton natans* (floating leaf pondweed), *Utricularia purpurea* (large purple bladderwort), *Potamogeton alpinus* (alpine pondweed), and *Elodea canadensis* (common waterweed).

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. The team returned to Fourth Lake on 8/13/2019 to do three additional plankton tows after receiving reports of possible *Bythotrephes longimanus* (spiny waterflea). All three additional plankton tows returned no invasive zooplankton.

Invasive Species Percent Cover (See map on adjacent page)

Bed	Variable Leaf Milfoil			Asian Clam	Spiny Waterflea
	Size (Ac.)	Size (Sq. Ft.)	% Cover	Present (Y/N)	Present (Y/N)
1	.35	15201.80	26-50	No	No
2	.71	30749.50	1-10		

