

Lake Narrative

Putnam Pond

Survey Date: July 6 & 9, 2018

Lake Description

Putnam Pond is 280.43 acres. It is located in the town of Ticonderoga, Essex County and lies in the Lake Champlain watershed. The team launched at the Department of Environmental Conservation's Putnam Pond campground.

Aquatic Invasive Plant Presence

A total of 17 invasive *Myriophyllum spicatum* (Eurasian watermilfoil) plant beds were mapped, with the heaviest concentrations at the southern and northern ends of the pond.

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. A bay on the northeastern side of the lake as well as the area between an island and the western shore consisted of dense patches of *Nymphaea odorata* (white water lily), *Brasenia schreberi* (watershield), and *Nuphar variegata* (bullhead pond lily). *Vallisneria americana* (eelgrass) and *Elodea nuttallii* (slender waterweed) were common submerged aquatic plants detected. *Chara* spp. and *Nitella* spp. were found in the southern portion of the lake.

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.











Invasive Species Percent Cover (See map on adjacent page)

Eurasian Watermilfoil				Eurasian Watermilfoil			
Bed	Size (Ac.)	Size (Sq. Ft.)	% Cover	Bed	Size (Ac.)	Size (Sq. Ft.)	% Cover
1	0.08	3,670.07	11 to 25	11	0.01	220	26 to 50
2	0.02	651	11 to 25	12	0.08	3,499	51 to 100
3	2.89	126,017	26 to 50	13	0.41	17,665	51 to 100
4	0.04	1,627	11 to 25	14	0.05	2,130	51 to 100
5	0.0035	153	11 to 25	15	0.31	13,519	26 to 50
6	0.76	33,194	11 to 25	16	1.25	54,296	51 to 100
7	0.26	11,382	11 to 25	17	0.03	1,100	26 to 50
8	0.59	25,750	51 to 100	Asian Clam		Spiny Waterflea	
9	0.03	1,231	26 to 50	Present (Y/N)		Present (Y/N)	
10	0.64	27,723	51 to 100	No		No	

Putnam Pond Aquatic Plant Survey 2018

County: Essex Date Surveyed: 07/09/2018
 Town: Ticonderoga AIS Bed Area (acres): 7.43
 Lake Area (acres): 280.43 AIS Observed: EWM

-  Not Surveyed
-  Native Beds
-  Invasive Beds
-  Phytoplankton Tow
-  Sieve Sample

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

