Lake Narrative

Caroga Lake, East

Survey Date: June 19, 2018

Lake Description

East Caroga Lake is 233.50 acres. It is located in the town of Caroga, Fulton County and lies in the Mohawk watershed. The team launched at the Caroga Lake Association launch.

Aquatic Invasive Plant Presence

A total of 12 invasive *Myriophyllum spicatum* (Eurasian watermilfoil) plant beds were mapped. There is active, ongoing *Myriophyllum spicatum* management on East Caroga Lake. At the time of this survey, management was occurring.

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. Mixed in with the *Myriophyllum spicatum* beds were native pondweed (*Potamogeton*) species, such as *Potamogeton praelongus* (white stemmed pondweed). *Potamogeton robbinsii* (fern pondweed) was also found along the east shore. Abundant in the shallower waters of the west arm of the lake were *Brasenia schreberi* (watershield) and *Nymphaea odorata* (white water lily).

Aquatic Invasive Animal Presence

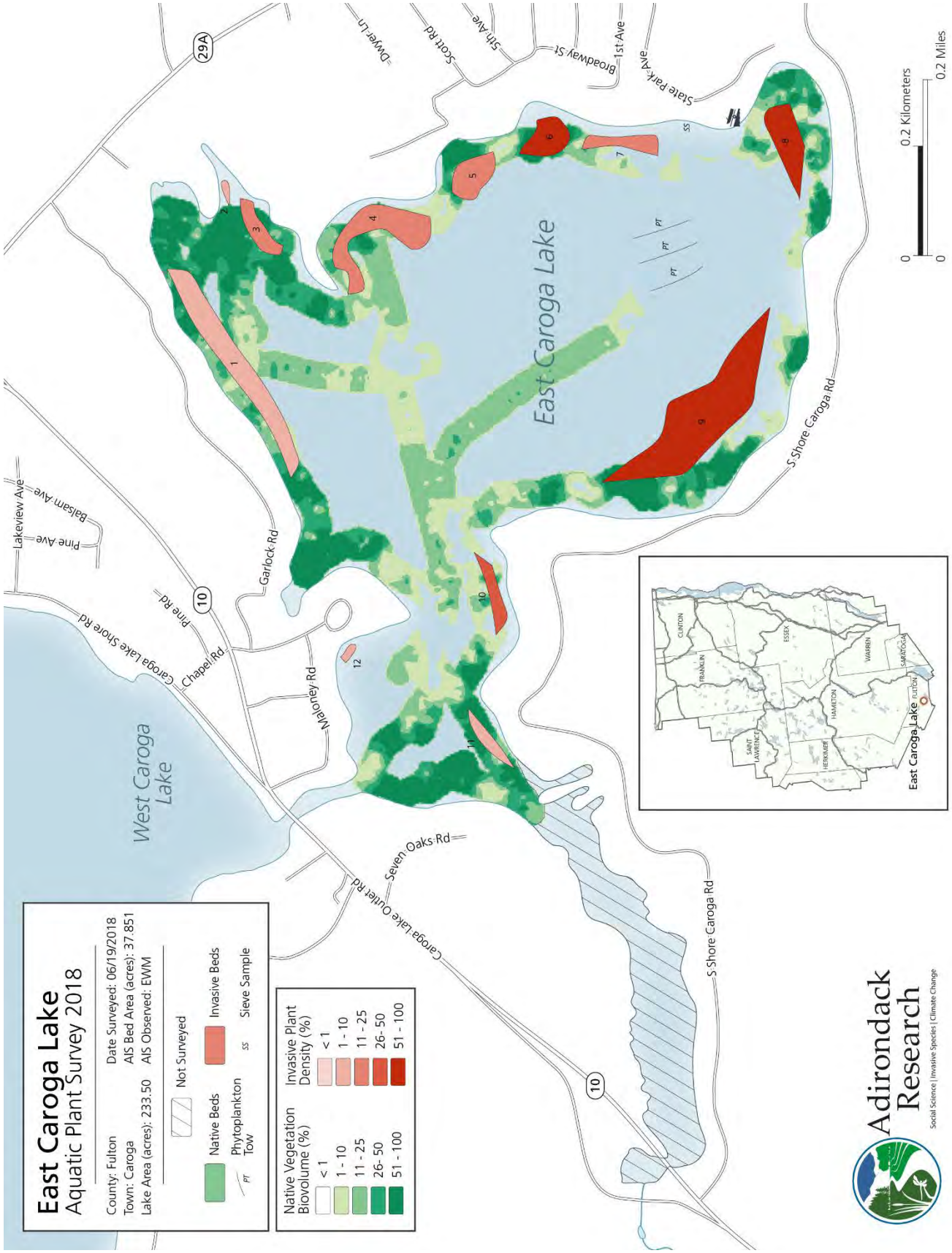
Sediment sieves were taken to determine the presence of *Corbicula fluminea* (Asian clams). None were found. Three plankton tows were also conducted with no invasive plankton detected.

Invasive Species Percent Cover (See map on adjacent page)

Eurasian Watermilfoil			
Bed	Size (Ac.)	Size (Sq. Ft.)	% Cover
1	7.07	307,845	1 to 10
2	0.27	11,692	1 to 10
3	1.48	64,487	11 to 25
4	5.04	219,716	11 to 25
5	2.17	94,417	11 to 25
6	2.03	88,574	51 to 100
7	1.54	66,988	11 to 25
8	2.96	129,022	51 to 100

Eurasian Watermilfoil			
Bed	Size (Ac.)	Size (Sq. Ft.)	% Cover
9	13.13	572,026	51 to 100
10	1.27	55,180	26 to 50
11	0.69	29,985	1 to 10
12	0.18	7,882	1 to 10

Asian Clam	Spiny Waterflea
Present (Y/N)	Present (Y/N)
No	No


East Caroga Lake
Aquatic Plant Survey 2018
County: Fulton
Town: Caroga
Lake Area (acres): 233.50
Date Surveyed: 06/19/2018
AIS Bed Area (acres): 37.851
AIS Observed: EWM
Not Surveyed
Native Beds
Invasive Beds
Phytoplankton Tow
Sieve Sample
Native Vegetation Biovolume (%)
< 1
1 - 10
11 - 25
26- 50
51 - 100
Invasive Plant Density (%)
< 1
1 - 10
11 - 25
26- 50
51 - 100
East Caroga Lake
West Caroga Lake
Lakeview Ave
Balsam Ave
Pine Ave
Caroga Lake Shore Rd
Pine Rd
Chapel Rd
Garlock Rd
Malloney Rd
Seven Oaks Rd
Caroga Lake Outlet Rd
S Shore Caroga Rd
State Park Ave
1st Ave
Broadway St
5th Ave
Scott Rd
Dwyer Ln
29A
10
0 0.2 Kilometers
0 0.2 Miles
CLINTON
FRANKLIN
ESSEX
WARREN
SARATOGA
SAINT LAWRENCE
HERKIMER
HAMILTON
FULTON
East Caroga Lake
Adirondack Research
Social Science | Invasive Species | Climate Change