

## Lake Narrative

### East Stoner Lake

Survey Date: June 20, 2018

#### *Lake Description*

East Stoner Lake is 82.14 acres. It is located in the town of Arietta, Fulton County and lies in the Mohawk watershed. The team launched at a private residence on the southwest corner of the lake.

#### *Aquatic Invasive Plant Presence*

No invasive plants were detected.

#### *Native Plant Biota*


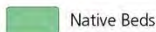



Comprehensive surveys of all native plants found within the pond were not prioritized in 2018, as this data had been previously collected in 2015 when the lake was first surveyed. East Stoner Lake is essentially shaped like a bowl and is deeper along the northern shoreline. The southern shoreline is shallow and the bottom substrate consists of hard sand and gravel. *Brasenia schreberi* (watershield) and *Nymphaea odorata* (white water lily) were abundant in the northeast corner of the lake, where the water was shallow. In the southwest corner of the lake, *Utricularia purpurea* (large purple bladderwort) dominated the lake bottom.

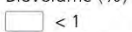
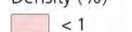
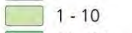
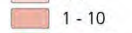
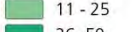

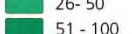
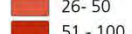
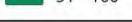
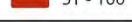
#### *Aquatic Invasive Animal Presence*

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.

### East Stoner Lake Aquatic Plant Survey 2018

County: Fulton      Date Surveyed: 06/20/2018  
 Town: Caroga / Arietta      AIS Bed Area (acres): 0  
 Lake Area (acres): 82.14      AIS Observed:


 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 |








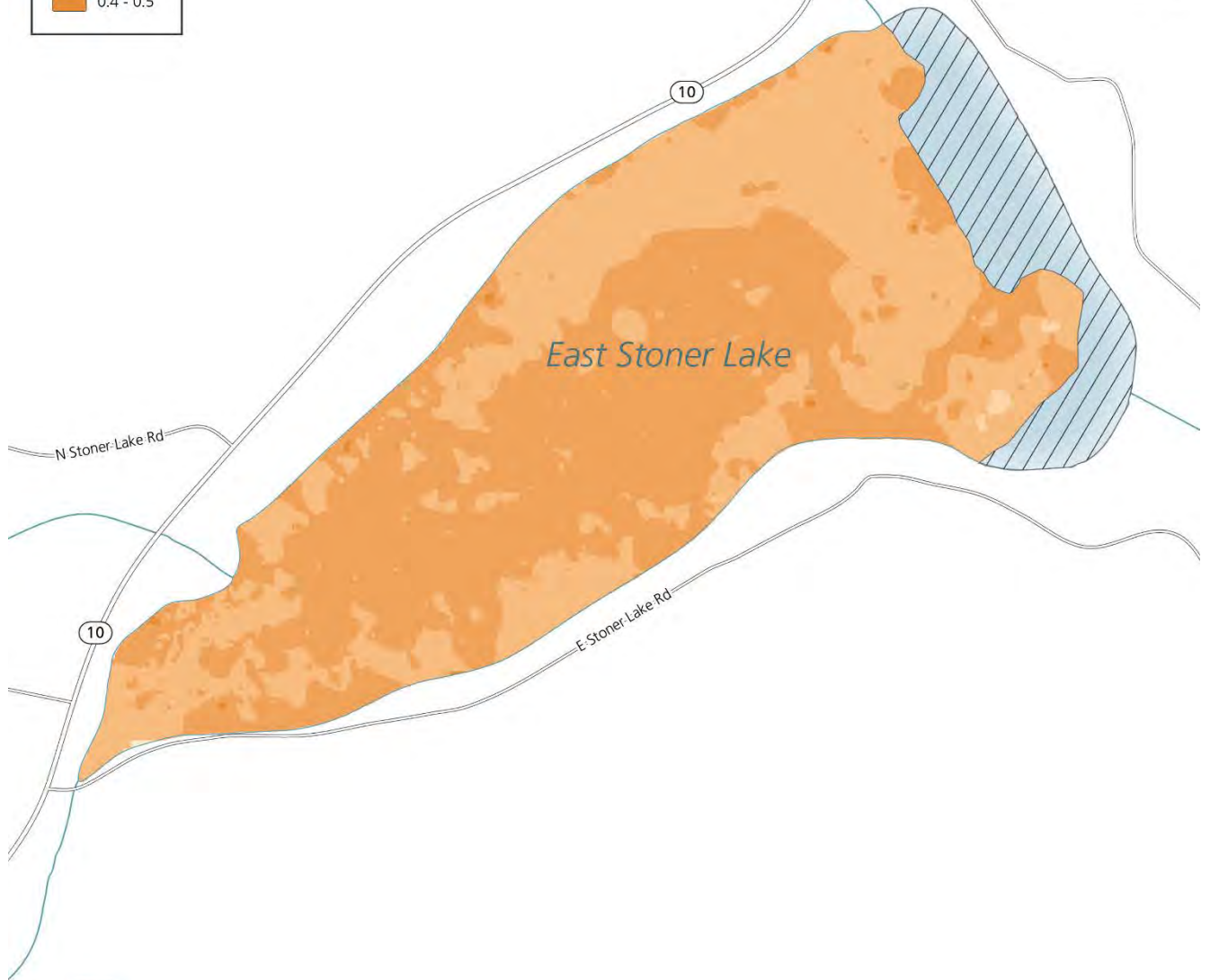
# East Stoner Lake Bottom Hardness Survey 2018

County: Fulton      Date Surveyed: 06/20/2018  
Town: Caroga / Arietta      AIS Bed Area (acres): 0  
Lake Area (acres): 82.14      AIS Observed:

 Not Surveyed

## Hardness

-  0 - 0.1
-  0.1 - 0.2
-  0.2 - 0.3
-  0.3 - 0.4
-  0.4 - 0.5




**Adirondack  
Research**

Social Science | Invasive Species | Climate Change



**East Stoner Lake**  
Bathymetry Survey 2018

County: Fulton      Date Surveyed: 06/20/2018  
Town: Caroga / Arietta      AIS Bed Area (acres): 0  
Lake Area (acres): 82.14      AIS Observed:

 Not Surveyed

