

2018 CAES Survey of Hidden Lake

Hidden Lake is a 39 acre waterbody located in Higganum, CT. It is shallow with a maximum depth of two meters. The lake is bordered by dense development of residential homes with a dam at the lake's west end. Access is limited to residents, and boats with motors are prohibited.

Our July 2018 survey was a resurvey of the lake; originally performed in 2005. Similar to 2005, the lake had a high abundance of plants with the northern, southern, and western coves having the highest plant density. No nonnative invasive species were present in either year. In 2005, the most abundant species was white water lily (*Nymphaea odorata*). Other floating-leaved species, such as watershield (*Brasenia schreberi*) and yellow water lily (*Nuphar variegata*), were common as well. In 2018, these species were less abundant and scattered throughout the lake. No large patches were present that would likely hinder recreational use. The reduction in plant density in 2018 may be due to the previous winter's drawdown.

The most abundant species in the 2018 survey were small pondweed (*Potamogeton pusillus*), slender naiad (*Najas flexilis*), common bladderwort (*Utricularia macrorhiza*), purple bladderwort (*Utricularia purpurea*) and eel grass (*Vallisneria americana*). These species were each found throughout the majority of the lake, often growing together. Other species were found in less abundance along the shore of the lake: primrose willow (*Ludwigia* species), waterwort (*Elatine* species), spikerush (*Eleocharis* species), pickerelweed (*Pontederia cordata*), ribbonleaf pondweed (*Potamogeton epihydrus*), snailseed pondweed (*Potamogeton bicupulatus*), and floatingleaf pondweed (*Potamogeton natans*).

Species recorded in our 2018 survey of Hidden Lake.

*Invasive Species

Common Bladderwort

Ribbon-Leaf Pondweed

Tapegrass

Floating-Leaf Pondweed

Slender Naiad

Watershield

Pickerelweed

Small Pondweed

Waterwort

Primrose-Willow

Snailseed Pondweed

White Water Lily

Purple Bladderwort

Spikerush

Yellow Water Lily



Hidden Lake, Higganum

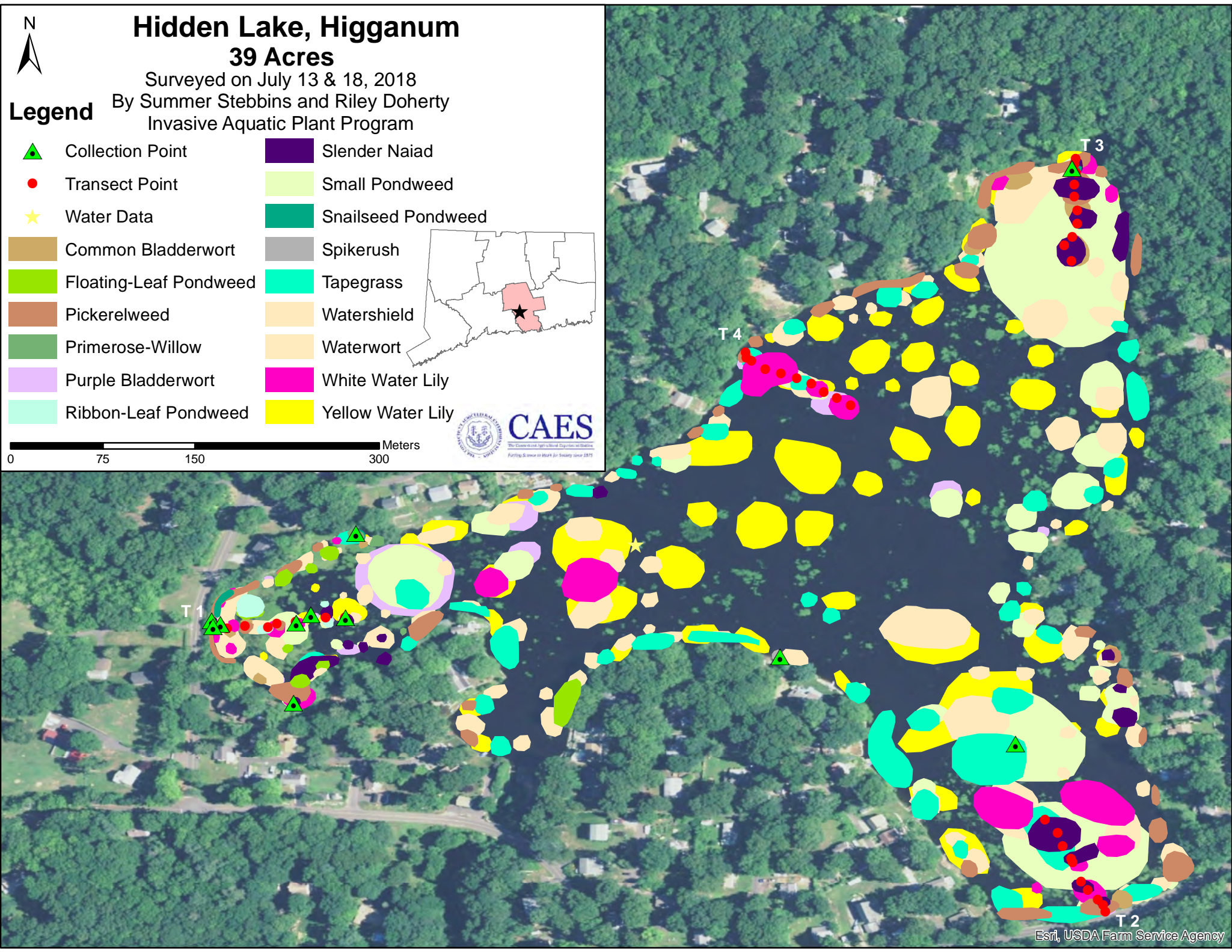
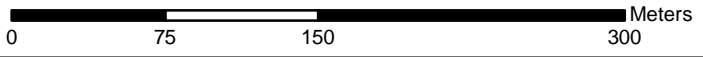
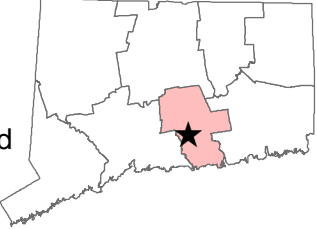
39 Acres

Surveyed on July 13 & 18, 2018

By Summer Stebbins and Riley Doherty
Invasive Aquatic Plant Program

Legend

- | | |
|------------------------|--------------------|
| Collection Point | Slender Naiad |
| Transect Point | Small Pondweed |
| Water Data | Snailseed Pondweed |
| Common Bladderwort | Spikerush |
| Floating-Leaf Pondweed | Tapegrass |
| Pickerelweed | Watershield |
| Primerose-Willow | Waterwort |
| Purple Bladderwort | White Water Lily |
| Ribbon-Leaf Pondweed | Yellow Water Lily |



Plant abundance is on a scale of 1 - 5: 1 = present but rare (1 plant), 2 = occasional (a few plants), 3 = common (more than a few plants), 4 = abundant, 5 = extremely abundant or dominant											** Follow this link to convert decimal degrees into degrees minutes seconds https://www.fcc.gov/media/radio/dms-decimal									
Surveyor	Depth(m)	Substrate	Transect	Point	Distance From Shore (m)	Notes	Common Bladderwort	Pickereelweed	Purple Bladderwort	Ribbon-Leaf Pondweed	Slender Naiad	Small Pondweed	Snailseed Pondweed	Tapegrass	Watershield	White Water Lily	Yellow Water Lily	Date	Longitude	Latitude
Summer Stebbins	0.1	Muck	1	1	0.5		0	2	1	0	4	0	0	0	2	0	0	7/18/2018	-72.57410	41.42038
Summer Stebbins	0.4	Muck	1	2	5		0	3	3	0	3	0	0	0	3	0	0	7/18/2018	-72.57405	41.42038
Summer Stebbins	0.4	Muck	1	3	10		2	0	3	0	0	0	0	0	4	0	0	7/18/2018	-72.57400	41.42036
Summer Stebbins	0.6	Muck	1	4	20		2	2	3	0	0	0	0	0	3	0	0	7/18/2018	-72.57387	41.42037
Summer Stebbins	0.5	Muck	1	5	30		0	0	0	2	0	1	0	0	3	2	0	7/18/2018	-72.57370	41.42037
Summer Stebbins	1.3	Muck	1	6	40		0	2	0	0	0	2	0	0	2	2	0	7/18/2018	-72.57364	41.42039
Summer Stebbins	1.1	Muck	1	7	50		0	0	3	0	0	4	0	0	2	3	2	7/18/2018	-72.57350	41.42040
Summer Stebbins	1.1	Muck	1	8	60		0	0	2	2	0	0	0	2	2	0	2	7/18/2018	-72.57339	41.42045
Summer Stebbins	0.9	Muck	1	9	70		0	0	3	2	2	4	0	0	0	0	2	7/18/2018	-72.57328	41.42043
Summer Stebbins	0.6	Muck	1	10	80		0	0	2	0	3	4	0	0	0	0	2	7/18/2018	-72.57314	41.42044
Summer Stebbins	0.1	Organic	2	1	0.5		2	3	2	0	0	0	0	2	2	0	0	7/18/2018	-72.56757	41.41828
Summer Stebbins	0.6	Muck	2	2	5		2	2	3	0	3	0	0	2	2	0	0	7/18/2018	-72.56759	41.41833
Summer Stebbins	0.8	Muck	2	3	10		3	2	0	0	3	0	0	2	2	2	0	7/18/2018	-72.56763	41.41837
Summer Stebbins	0.7	Muck	2	4	20		2	0	2	0	2	2	0	0	2	2	0	7/18/2018	-72.56770	41.41844
Summer Stebbins	0.9	Muck	2	5	30		2	0	0	0	2	1	0	0	0	2	0	7/18/2018	-72.56775	41.41850
Summer Stebbins	0.9	Muck	2	6	40		0	0	0	0	4	3	0	3	0	2	0	7/18/2018	-72.56781	41.41864
Summer Stebbins	0.9	Muck	2	7	50		2	0	0	0	4	4	0	3	0	0	0	7/18/2018	-72.56782	41.41867
Summer Stebbins	0.6	Muck	2	8	60		0	0	0	0	4	4	0	2	2	2	2	7/18/2018	-72.56788	41.41876
Summer Stebbins	1.0	Muck	2	9	70		2	0	0	0	3	4	0	2	0	2	0	7/18/2018	-72.56792	41.41886
Summer Stebbins	0.7	Muck	2	10	80		0	0	0	0	3	4	0	3	0	0	2	7/18/2018	-72.56801	41.41896
Summer Stebbins	0.2	Muck	3	1	0.5		3	4	2	0	1	1	0	0	2	4	2	7/18/2018	-72.56779	41.42379
Summer Stebbins	0.2	Muck	3	2	5		2	3	2	0	4	4	0	2	2	2	2	7/18/2018	-72.56779	41.42376

Plant abundance is on a scale of 1 - 5: 1 = present but rare (1 plant), 2 = occasional (a few plants), 3 = common (more than a few plants), 4 = abundant, 5 = extremely abundant or dominant											** Follow this link to convert decimal degrees into degrees minutes seconds https://www.fcc.gov/media/radio/dms-decimal									
Surveyor	Depth(m)	Substrate	Transect	Point	Distance From Shore (m)	Notes	Common Bladderwort	Pickereelweed	Purple Bladderwort	Ribbon-Leaf Pondweed	Slender Naiad	Small Pondweed	Snailseed Pondweed	Tapegrass	Watershield	White Water Lily	Yellow Water Lily	Date	Longitude	Latitude
Summer Stebbins	0.2	Muck	3	3	10		2	2	0	0	2	4	3	0	2	0	0	7/18/2018	-72.56779	41.42369
Summer Stebbins	1.0	Muck	3	4	20		0	2	0	0	3	4	0	0	0	0	0	7/18/2018	-72.56780	41.42360
Summer Stebbins	0.6	Muck	3	5	30	Charaphyte	3	2	0	0	3	3	0	0	0	0	0	7/18/2018	-72.56780	41.42352
Summer Stebbins	0.8	Muck	3	6	40		2	0	0	0	4	4	0	0	0	0	0	7/18/2018	-72.56778	41.42342
Summer Stebbins	0.4	Muck	3	7	50		2	0	2	0	4	4	0	1	0	0	2	7/18/2018	-72.56778	41.42332
Summer Stebbins	0.6	Muck	3	8	60		3	0	2	0	4	4	0	0	2	2	0	7/18/2018	-72.56781	41.42322
Summer Stebbins	0.7	Muck	3	9	70		2	0	0	0	4	4	0	0	0	0	0	7/18/2018	-72.56787	41.42316
Summer Stebbins	1.0	Muck	3	10	80		3	0	0	0	2	3	0	2	0	3	0	7/18/2018	-72.56782	41.42304
Summer Stebbins	0.1	Muck	4	1	0.5		0	3	2	0	0	0	0	2	2	0	0	7/18/2018	-72.57021	41.42238
Summer Stebbins	0.3	Muck	4	2	5		0	3	1	0	0	0	0	3	2	0	0	7/18/2018	-72.57020	41.42234
Summer Stebbins	1.3	Muck	4	3	10		0	0	2	0	0	1	0	3	2	2	0	7/18/2018	-72.57016	41.42231
Summer Stebbins	1.5	Muck	4	4	20		0	0	2	0	0	0	0	1	0	2	0	7/18/2018	-72.57006	41.42225
Summer Stebbins	1.7	Muck	4	5	30		0	0	2	0	0	3	0	2	0	2	2	7/18/2018	-72.56995	41.42222
Summer Stebbins	0.6	Muck	4	6	40		0	0	2	0	0	3	0	2	2	2	2	7/18/2018	-72.56983	41.42219
Summer Stebbins	1.6	Muck	4	7	50		0	0	2	0	0	3	0	1	2	2	2	7/18/2018	-72.56972	41.42215
Summer Stebbins	2.0	Muck	4	8	60		0	0	3	0	0	3	0	0	2	2	2	7/18/2018	-72.56963	41.42209
Summer Stebbins	1.5	Muck	4	9	70		0	0	2	0	0	0	0	0	2	2	2	7/18/2018	-72.56954	41.42204
Summer Stebbins	1.7	Muck	4	10	80		0	0	3	0	0	3	0	0	2	2	2	7/18/2018	-72.56943	41.42199

Connecticut State The Connecticut Agricultural Experiment Station

Hidden Lake, Higganum

[Map](#) | [Transect Data](#)

Water data collected for Hidden Lake on July 18, 2018.

Table 1. Dissolved oxygen and temperature. **The transparency (Secchi) was 1.5 meters.**

Latitude*	Longitude	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
41.42097	-72.57101	0.5	8.5	27.6
		1	9.1	27.0
		2	0.8	24.8

[*Convert to degrees minutes seconds \(http://www.fcc.gov/mb/audio/bickel/DDDMSS-decimal.html\)](http://www.fcc.gov/mb/audio/bickel/DDDMSS-decimal.html)

Table 2. Water Chemistry

Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)
0.5	93	6.4	13.5	
2.0	86	6.0	15.8	

2005 CAES Survey of Hidden Lake

The 39 acre Hidden Lake is bordered by dense development of residential homes. A dam exists at the lake's west end. Access is limited to residents, and boats with motors are prohibited.

Aquatic plants were abundant at the time of our July 2005 survey. Submerged plants covered nearly the entire bottom of the shallow water body, and floating-leaved species were scattered through the middle of the lake, though they were most abundant at the ends of three sheltered coves. No invasive aquatic plant species were found.

Nymphaea odorata (white water lily) was the most abundant species in Hidden Lake, occurring almost continuously in the deeper water. The other floating-leaved species, *Brasenia schreberi* (watershield) and *Nuphar variegata* (yellow water lily) also were found throughout the lake but in much smaller patches.

A number of submerged plants grew under the floating-leaved species throughout the lake. The most abundant of these was *Vallisneria americana* (eel grass), which grew throughout most of the lake. *Najas flexilis* (slender naiad) and Charaphytes also were found all around the lake, but in much smaller quantities. *Potamogeton epihydrus* (ribbon-leaf pondweed), *Utricularia macrorhiza* (common bladderwort), and *Utricularia purpurea* (purple bladderwort) were found in small patches on all sides of the lake, but these species were mostly confined to the shallow water.

Other less abundant submerged plants were *Potamogeton bicupulatus* (snailseed pondweed) and *Potamogeton natans* (floating-leaf pondweed) found in the north, south and west edges of the lake and *Eleocharis acicularis* (needle spikerush) found in the south and west edges as well as one small patch in the middle of the lake with *Utricularia radiata* (floating bladderwort). *Pontederia cordata* (pickerelweed) and *Potamogeton pusillus* (small pondweed) were found on the north and west sides of the lake, and *Elatine minima* (small waterwort), *Gratiola aurea* (golden hedgehyssop), *Isoetes engelmannii* (Appalachian quilwort) and *Utricularia intermedia* (flat-leaf bladderwort) were only found on the west side.

Species recorded in our 2005 survey of Hidden Lake. Click on plant to view herbarium mount. (invasive species in bold)

Brasenia schreberi

Charaphyte

Elatine minima

Eleocharis acicularis

Gratiola aurea

Isoetes engelmannii

Najas flexilis

Nuphar variegata

Nymphaea odorata

Pontederia cordata

Potamogeton bicupulatus

Potamogeton epihydrus

Potamogeton natans

Potamogeton pusillus

Utricularia intermedia

Utricularia purpurea

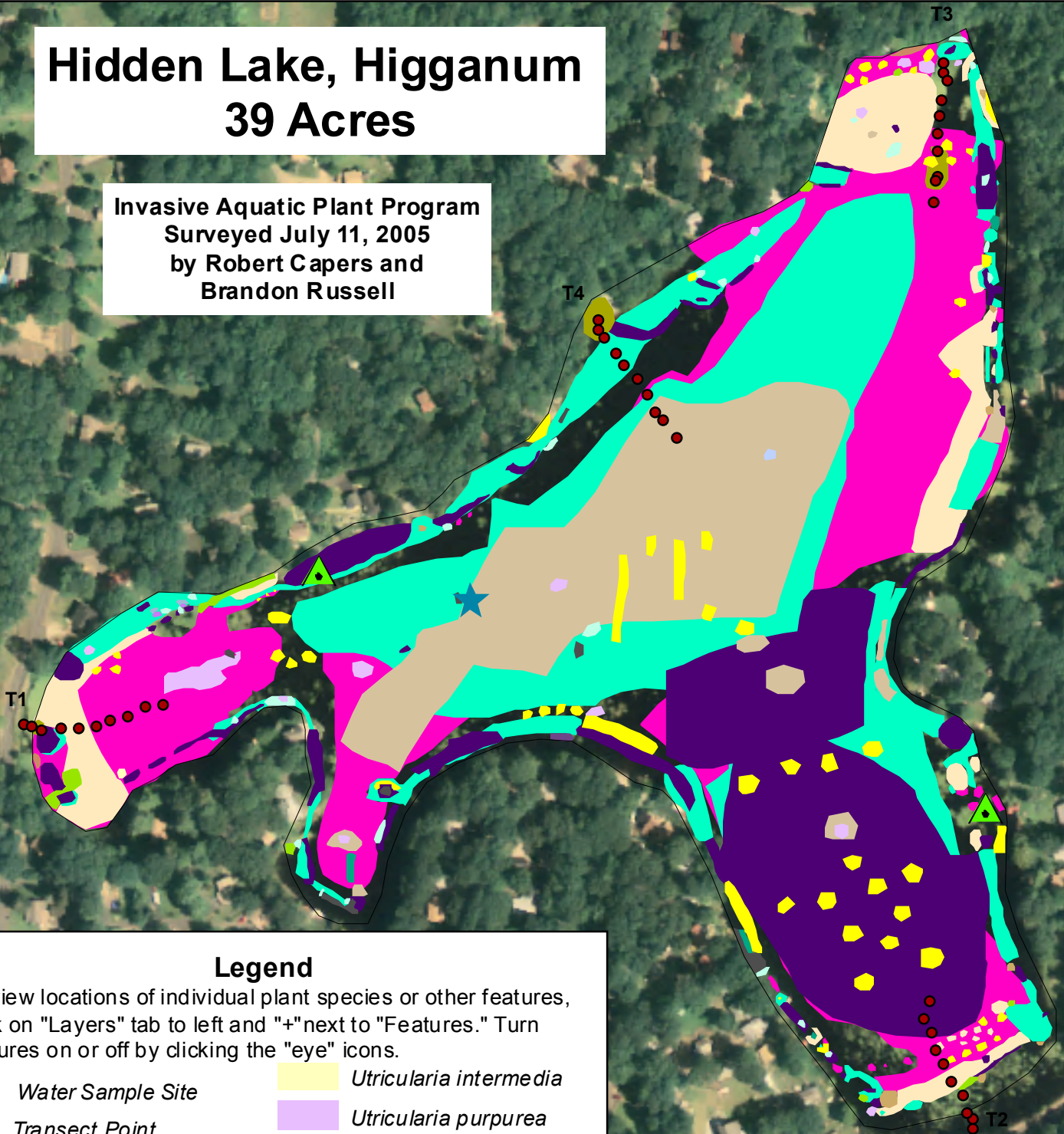
Utricularia radiata

Utricularia macrorhiza

Vallisneria americana






















Hidden Lake, Higganum 39 Acres

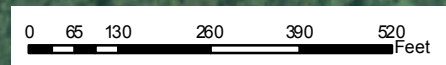
Invasive Aquatic Plant Program
Surveyed July 11, 2005
by Robert Capers and
Brandon Russell



Legend

To view locations of individual plant species or other features, click on "Layers" tab to left and "+" next to "Features." Turn features on or off by clicking the "eye" icons.

- | | | | |
|-------------------------------------------------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------|-------------------------------|
|  | Water Sample Site |  | <i>Utricularia intermedia</i> |
|  | Transect Point |  | <i>Utricularia purpurea</i> |
|  | Plant Collection Site |  | <i>Utricularia radiata</i> |
|  | <i>Elatine minima</i> |  | <i>Utricularia vulgaris</i> |
|  | <i>Eleocharis acicularis</i> |  | <i>Potamogeton epihydrus</i> |
|  | <i>Gratiola aurea</i> |  | Charaphyte |
|  | <i>Isoetes engelmannii</i> |  | <i>Najas flexilis</i> |
|  | <i>Nuphar variegata</i> |  | <i>Vallisneria americana</i> |
|  | <i>Potamogeton bicupulatus</i> |  | <i>Brasenia schreberi</i> |
|  | <i>Potamogeton natans</i> |  | <i>Nymphaea odorata</i> |
|  | <i>Potamogeton pusillus</i> | | |
|  | <i>Pontederia cordata</i> | | |



*Plant abundance is on scale of 1 – 5: 1 = present but rare (1 plant), 2 = occasional (a few plants), 3 = common (more than a few plants), 4 = abundant, 5 = extremely abundant or dominant											**Follow this link to convert decimal degrees to degrees minutes seconds http://www.fcc.gov/mb/audio/bickel/DDMMSS-decimal.html												
Surveyor	Depth	Substrate	Weather	Wind Direction	Transect	Points	Meters from Shore	<i>Vallisneria americana*</i>	<i>Eleocharis acicularis</i>	<i>Potamogeton pusillus</i>	<i>Najas flexilis</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton epihydrus</i>	<i>Potamogeton natans</i>	<i>Utricularia purpurea</i>	<i>Utricularia radiata</i>	<i>Utricularia intermedia</i>	<i>Nuphar variegata</i>	<i>Brasenia schreberi</i>	<i>Nymphaea odorata</i>	Date	Latitude**	Longitude
Robert Capers	0.25	Silt	sunny	West	1	0	0	0	0	0	0	0	0	3	0	0	4	2	0	3	7/11/2005	41.42039	-72.57409
Robert Capers	0.5	Silt	sunny		1	2	5	0	0	2	4	0	0	4	0	0	0	3	3	3	7/11/2005	41.42037	-72.57404
Robert Capers	0.5	Silt	sunny		1	3	10	0	0	0	4	0	0	4	0	0	0	2	0	3	7/11/2005	41.42035	-72.57397
Robert Capers	0.9	Silt	sunny	North	1	4	20	3	0	0	2	0	0	3	0	0	4	4	0	3	7/11/2005	41.42037	-72.57384
Robert Capers	1	Silt	sunny	South	1	5	30	0	0	0	4	0	0	0	0	0	3	4	2	3	7/11/2005	41.42037	-72.57371
Robert Capers	1	Silt	sunny	Northeast	1	6	40	0	0	0	2	0	0	0	3	0	0	4	0	3	7/11/2005	41.42037	-72.57360
Robert Capers	1	Silt	sunny	North	1	7	50	0	0	0	4	0	0	0	2	0	0	0	3	3	7/11/2005	41.42041	-72.57350
Robert Capers	1.5	Silt	sunny	North	1	8	60	0	0	0	2	0	0	0	2	0	0	3	0	3	7/11/2005	41.42043	-72.57338
Robert Capers	1.7	Silt	sunny		1	9	70	0	0	0	2	0	0	0	3	0	0	3	2	2	7/11/2005	41.42048	-72.57326
Robert Capers	1.7	Silt	sunny	South	1	10	80	0	0	0	0	0	0	0	4	0	0	2	0	3	7/11/2005	41.42049	-72.57314
Robert Capers	0.3	Silt	sunny	West	2	1	0	3	0	0	0	0	0	0	3	0	0	0	0	0	7/11/2005	41.41830	-72.56762
Robert Capers	1.7	Silt			1	2	0	3	0	0	4	0	0	0	0	0	0	3	0	3	7/11/2005	41.41835	-72.56763



Surveyor	Depth	Substrate	Weather	Wind Direction	Transect	Points	Meters from Shore	<i>Vallisneria americana*</i>	<i>Eleocharis acicularis</i>	<i>Potamogeton pusillus</i>	<i>Najas flexilis</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton epihydrus</i>	<i>Potamogeton natans</i>	<i>Utricularia purpurea</i>	<i>Utricularia radiata</i>	<i>Utricularia intermedia</i>	<i>Nuphar variegata</i>	<i>Brasenia schreberi</i>	<i>Nymphaea odorata</i>	Date	Latitude**	Longitude
Robert Capers	2	Silt	sunny	West	2	3	10	0	0	0	4	0	0	0	0	0	0	3	2	0	7/11/2005	41.41838	-72.56766
Robert Capers	1.8	Silt	sunny	Southwest	2	4	20	3	0	0	2	0	0	0	0	0	0	0	0	3	7/11/2005	41.41847	-72.56769
Robert Capers	1.8	Silt	sunny	West	2	5	30	3	0	0	3	0	0	0	0	0	0	4	2	0	7/11/2005	41.41854	-72.56777
Robert Capers	1.8	Silt	sunny	West	2	6	40	0	0	0	3	0	0	2	2	2	0	0	0	4	7/11/2005	41.41863	-72.56782
Robert Capers	1.8	Silt			2	7	50	0	0	0	4	0	3	0	3	0	0	2	0	4	7/11/2005	41.41870	-72.56787
Robert Capers	2	Silt	windy		2	8	60	3	0	0	2	0	0	0	2	0	0	3	0	3	7/11/2005	41.41880	-72.56790
Robert Capers	1.8	Silt	windy	West	2	9	70	3	0	0	2	0	0	0	0	0	0	3	3	3	7/11/2005	41.41887	-72.56795
Robert Capers	1.8				1	10	80	3	0	0	4	0	0	0	0	0	0	4	3	0	7/11/2005	41.41896	-72.56791
Robert Capers	0.25	Silt	sunny	South	3	1	0	0	3	0	0	0	0	3	2	2	3	5	2	2	7/11/2005	41.42377	-72.56781
Robert Capers	0.3	Silt	sunny	North	3	2	5	0	0	0	3	0	3	4	3	2	0	3	4	0	7/11/2005	41.42372	-72.56781
Robert Capers	0.4	Silt	sunny	North	3	3	10	0	0	0	4	2	4	0	2	3	0	0	0	0	7/11/2005	41.42368	-72.56778
Robert Capers	0.6	Silt	sunny	Southeast	3	4	20	2	0	0	4	0	4	0	0	2	0	0	0	1	7/11/2005	41.42358	-72.56783
Robert Capers	1	Silt	sunny	Northwest	1	5	30	0	0	0	4	0	3	0	0	3	0	0	0	0	7/11/2005	41.42349	-72.56784
Robert Capers	1	Silt	sunny	Southwest	3	6	40	0	0	0	3	0	4	0	0	3	0	0	2	0	7/11/2005	41.42341	-72.56785



Surveyor	Depth	Substrate	Weather	Wind Direction	Transect	Points	Meters from Shore	<i>Vallisneria americana*</i>	<i>Eleocharis acicularis</i>	<i>Potamogeton pusillus</i>	<i>Najas flexilis</i>	<i>Potamogeton bicupulatus</i>	<i>Potamogeton epihydrus</i>	<i>Potamogeton natans</i>	<i>Utricularia purpurea</i>	<i>Utricularia radiata</i>	<i>Utricularia intermedia</i>	<i>Nuphar variegata</i>	<i>Brasenia schreberi</i>	<i>Nymphaea odorata</i>	Date	Latitude**	Longitude
Robert Capers	0	Silt	sunny	South	3	7	50	2	0	0	4	0	3	0	0	2	0	0	2	1	7/11/2005	41.42331	-72.56785
Robert Capers	1	Silt	sunny	Southwest	3	8	60	0	0	2	2	0	0	0	3	0	0	0	0	0	7/11/2005	41.42319	-72.56786
Robert Capers	1	Silt	sunny	Northeast	1	9	70	0	0	2	0	0	0	0	3	2	0	0	0	0	7/11/2005	41.42317	-72.56786
Robert Capers	1		sunny	East	3	10	80	2	0	2	0	0	3	0	0	2	0	4	3	0	7/11/2005	41.42305	-72.56788
Robert Capers	0.2	Sand	sunny		4	1	0	2	3	3	3	0	3	0	2	0	0	3	0	0	7/11/2005	41.42246	-72.57017
Robert Capers	0				4	2	5	3	0	3	4	0	0	0	0	2	0	0	0	0	7/11/2005	41.42240	-72.57017
Robert Capers	1.5	Sand	sunny		4	3	10	4	1	2	4	0	0	0	0	3	0	0	0	0	7/11/2005	41.42236	-72.57013
Robert Capers	1.5	Silt	sunny	South	4	4	0	4	0	0	4	0	3	0	0	2	0	0	0	0	7/11/2005	41.42228	-72.57005
Robert Capers	2	Silt	sunny	South	4	5	30	4	0	0	3	0	2	0	0	0	0	0	2	0	7/11/2005	41.42222	-72.56999
Robert Capers	2	Silt	sunny		4	6	40	3	0	0	2	0	0	0	0	0	0	0	1	0	7/11/2005	41.42215	-72.56991
Robert Capers	2	Sand	sunny	West	4	7	50	4	0	0	0	0	0	0	0	0	0	0	0	0	7/11/2005	41.42207	-72.56983
Robert Capers	2	Silt			1	8	60	0	0	0	0	0	0	0	4	2	0	3	0	0	7/11/2005	41.42198	-72.56978
Robert Capers	2	Silt			4	9	70	2	0	0	0	0	0	0	3	2	0	3	0	0	7/11/2005	41.42194	-72.56973
Robert Capers	2	Silt	sunny	West	4	10	80	3	0	0	2	0	0	0	2	0	0	0	1	0	7/11/2005	41.42185	-72.56963



Connecticut State The Connecticut Agricultural Experiment Station

Hidden Lake, Higganum

[Maps \(/CAES/Invasive-Aquatic-Plant-Program/Hidden-Lake/Hidden-Lake-Maps\)](#) | [Transect Data \(244 KB, .pdf format*\)](#)

Water data for Hidden Lake, July 11, 2005.

Table 1. Dissolved oxygen and temperature. The transparency (Secchi) was 1.9 meters.

Weather	Latitude*	Longitude	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
sunny	41.42103	-72.57104	0.5	7.2	28
			1	8	27.7
			2	5.3	27.5

[*Convert to degrees minutes seconds \(http://www.fcc.gov/mb/audio/bickel/DDDMSS-decimal.html\)](http://www.fcc.gov/mb/audio/bickel/DDDMSS-decimal.html)

Table 2. Water chemistry.

Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium carbonate (mg/L)	Phosphorus (parts per billion)
0.5	72.4	5.6	6	23
1.5	79.2	5.7	7.5	14

*NOTE: Some of these documents are provided in Adobe® Acrobat® (.pdf) format. In order to view or print these documents you need Adobe® Reader®. If you do not have Adobe® Reader®, click the "Get Adobe® Reader®" image for a free copy.