

ANNUAL REPORT – 2007
DARRIN FRESH WATER INSTITUTE
AQUATIC PLANT IDENTIFICATION PROGRAM

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Darrin Fresh Water Institute Report # 2008-1

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For the twentieth year, the Darrin Fresh Water Institute (DFWI) has continued the Aquatic Plant Identification Program. This program was initiated as a public service for the Lake George basin, in which individuals could bring specimens to DFWI for identification. In return, it assisted DFWI in locating new Eurasian watermilfoil and Curly-leaf Pondweed sites throughout the Lake George basin. DFWI now provides the opportunity for anyone in New York State to have plant specimens verified. This also enables us to maintain a list of locations of invasive aquatic plants such as Waterchestnut (*Trapa natans*), Curly-leaf Pondweed (*Potamogeton crispus*), Eurasian watermilfoil (*Myriophyllum spicatum*), and Fanwort (*Cabomba caroliniana*) in New York State. In 2004, we added Variable Milfoil (*Myriophyllum heterophyllum*), European Frogbit (*Hydrocharis morsus-ranae*) and Parrotfeather (*Myriophyllum aquaticum*) to our tabulated lists of exotic species in New York State. In 2005, we added an exotic macroalga, Starry Stonewort (*Nitellopsis obtusa*) and in 2006, we added Brazilian Elodea (*Egeria densa*).

During 2007, thirteen specimens were received and identified (Table 1). Three of the specimens were Eurasian watermilfoil, two specimens were Curly-leaf Pondweed, and one was European Frogbit. At the conclusion of 2007, 283 lakes and rivers in 53 counties had confirmed populations of Eurasian watermilfoil, 120 lakes and rivers systems in 42 counties had confirmed populations of Curly-leaf Pondweed and 31 lakes and rivers in 7 counties had Fanwort. Waterchestnut was found mainly in the Hudson and Mohawk Rivers systems; however, 43 lakes and 24 counties were reported. We report 16 lakes and river systems in 7 counties with confirmed populations of European Frogbit and 36 lakes in 12 counties had Variable Milfoil. Parrotfeather is currently reported for three lakes in Nassau and Suffolk counties of New York State. First reported in New York State in 1981, Starry Stonewort is present mainly in Central New York, reported in bays peripheral to Lake Ontario, the St Lawrence River, and Oneida Lake in Oswego County, along with Chautauqua Lake, Lake Bonaparte and Lake Moraine.

Brazilian elodea was first reported in 2006 in the Hudson Valley and several locations on Long Island where it is found in nine lakes and three counties.

The extension of this program has benefited regional lake associations and municipalities. We have identified samples from numerous area lakes other than Lake George. Most often, the specimens have not been exotic species, and therefore the concerns of lake residents have often been allayed. In the other instances, it has provided the impetus for concerted action on the part of the lake association.

As a part of this program, DFWI maintains an expanding list of sites we have verified to contain Eurasian watermilfoil (Table 2, Figure 1), Waterchestnut (Table 3, Figure 2), Curly-leaf Pondweed (Table 4, Figure 3), Fanwort (Table 5, Figure 4), Variable Milfoil (Table 6, Figure 5), European Frogbit (Table 7, Figure 6), Parrotfeather (Table 8, Figure 7), Starry Stonewort (Table 9, Figure 8) and Brazilian Elodea (Table 10, Figure 9) in New York State. The list remains preliminary, since we currently lack verified sources for many lakes in which these species have been reported to occur. We will only add sites to the list for which an authoritative reference can be given, or for which we have a voucher specimen. We would appreciate receiving reports or other publications listing verified occurrences of these plants.

The Aquatic Plant Identification Program of Rensselaer's Darrin Fresh Water Institute will continue to be offered as a public service during 2008. In order to have samples identified, bring or send them to the DFWI at either the Troy campus or Bolton Landing facility. For more information, see the notice provided as Appendix A of this report.

Table 1. Specimens Identified by the Rensselaer Darrin Fresh Water Institute Aquatic Plant Identification Program in 2007.

SPECIES	SAMPLE NUMBER	DATE	LOCATION
<i>Myriophyllum spicatum</i>	2007-01	5/22/2007	Great Sacandaga Lake, Fulton Co., NY
<i>Utricularia vulgaris</i>	2007-02	6/15/2007	Wetland on Padanarum Road, Warren Co., NY
<i>Potamogeton natans</i>	2007-03	6/15/2007	Wetland on Padanarum Road, Warren Co., NY
<i>Hypericum boreale</i>	2007-04	6/15/2007	Wetland on Padanarum Road, Warren Co., NY
<i>Potamogeton pusillus</i>	2007-05	6/15/2007	Wetland on Padanarum Road, Warren Co., NY
<i>Ludwigia palustris</i>	2007-06	6/15/2007	Wetland on Padanarum Road, Warren Co., NY
<i>Hydrocharis morsus-ranae</i>	2007-07	6/27/2007	Great South Bay, Lake Champlain, Washington Co., NY
<i>Potamogeton crispus</i>	2007-08	6/27/2007	Champlain Barge Canal, Washington Co., NY
<i>Potamogeton crispus</i>	2007-09	7/14/2007	Loon Lake, Warren Co., NY
<i>Fontinalis flos-aquae</i>	2007-10	8/16/2007	Raquette Lake, Hamilton Co., NY
<i>Potamogeton spirillus</i>	2007-11	8/16/2007	Raquette Lake, Hamilton Co., NY
<i>Myriophyllum spicatum</i>	2007-12	9/18/2007	Great Sacandaga Lake, Broadalbin, Fulton Co., NY
<i>Myriophyllum spicatum</i>	2007-13	9/18/2007	Great Sacandaga Lake, Edinburg, Saratoga Co., NY

Table 2. Locations in New York State with Eurasian watermilfoil (*Myriophyllum spicatum*). **Highlighted lakes are new reports for 2007.**

<u>LAKE</u>	<u>COUNTY</u>	<u>REFERENCE</u>
Alcove Reservoir	Albany	NYS DEC 1989
Ann Lee Pond	Albany	NYS DEC
Basic Creek Reservoir	Albany	NYS DEC 1989
Hudson River	Albany	LCI, 2004
Littles Lake	Albany	LCI, 2006
Rensselaer Lake (6 Mile Waterworks)	Albany	NYS DEC, 2001
Sanford (Colonie Library) Pond	Albany	LCI, 2006
Thompsons Lake	Albany	CSLAP, 1998
Warners Lake	Albany	NYS DEC 1989
Watervliet Reservoir	Albany	RFWI 1989
Cuba Lake	Allegheny/Cattaraugus	CSLAP, 1994
Susquehanna River	Broome	Titus, J.
Whitney Pt. Reservoir	Broome	Titus, J.
Allegheny Reservoir	Cattaraugus	LCI, 2007
Case Lake	Cattaraugus	LCI, 2006
Crystal Lake	Cattaraugus	LCI, 2001
Linlyco Lake	Cattaraugus	LCI, 2006
Red House Lake	Cattaraugus	Johnson, 2001
Unnamed Pond- Quaker Landing	Cattaraugus	LCI, 2006
Cross Lake	Cayuga	NYS DEC, Miller, 1978
Duck Lake	Cayuga	Miller, 1978
Juniper Pond, Lake Ontario	Cayuga	R. Johnson, 2001
Lake Como	Cayuga	Miller, 1978
Little Sodus Bay, Lake Ontario	Cayuga	NYS DEC, Miller, 1978
Otter Lake	Cayuga	Johnson, 2001
Owasco Lake	Cayuga	NYS DEC, Miller, 1978
Sterling Pond, Lake Ontario	Cayuga	R. Johnson, 2001
Cayuga Lake	Cayuga, Seneca, Tompkins	NYS DEC, Miller, 1978
Skaneateles Lake	Cayuga/Onondaga	CSLAP, 1999
Bear Lake	Chautauqua	LCI, 2006
Brocton Reservoir	Chautauqua	LCI, 2006
Chautauqua Lake	Chautauqua	CSLAP
Findley Lake	Chautauqua	CSLAP
Fredonia Reservoir	Chautauqua	LCI, 2006
Lime Lake	Chautauqua	CSLAP
Lower Cassadaga Lake	Chautauqua	LCI, 2006
Middle Cassadaga Lake	Chautauqua	LCI, 2006
North Harmony State Forest Pond	Chautauqua	Young, 2005
Silver Creek Upper Reservoir	Chautauqua	LCI, 2001
Upper Cassadaga Lake	Chautauqua	LCI, 2006
Park Station Lake	Chemung	LCI, 2007
Chenango Lake	Chenango	LCI, 1998

Table 2. Locations in New York State with Eurasian watermilfoil (*Myriophyllum spicatum*). **Highlighted lakes are new reports for 2007.**

<u>LAKE</u>	<u>COUNTY</u>	<u>REFERENCE</u>
Guilford Lake	Chenango	LCI, 1998
Lake Warn	Chenango	CSLAP
Long Pond	Chenango	Johnson, 2001
Plymouth Reservoir	Chenango	CSLAP
Chazy Lake	Clinton	APIPP, 2006
Taylor Pond	Clinton	AIPMP, 2002
Union Falls Flow	Clinton	APIPP, 2003
Woodruff Pond	Clinton	LCI, 2003
Lake Champlain	Clinton/Essex	NYS DEC
Copake Lake	Columbia	CSLAP, LCI, 2002
Iron Mine Pond	Columbia	LCI, 2005
Olana Pond	Columbia	LCI, 2005
Queechy Lake	Columbia	CSLAP
Robinson Pond	Columbia	CSLAP
Goodale Lake	Cortland	Johnson, 2001
Melody Lake	Cortland	CSLAP
Solon Pond	Cortland	Johnson, 2001
Upper Little York Lake	Cortland	LCI, 1998
Tully Lake	Cortland/Onondaga	LCI, 1998
Gossamans Pond	Dutchess	CSLAP, 2004
Hunns Lake	Dutchess	LCI, 2003
Rudd Pond	Dutchess	LCI, 2004
Sepasco Lake	Dutchess	CSLAP, 1995
Twin Island Pond	Dutchess	LCI, 2003
Upton Lake	Dutchess	LCI, 2003
Wappinger Lake	Dutchess	NYS DEC
Lake Como	Erie	LCI, 2006
South Park Lake	Erie	LCI, 2005
Augur Lake	Essex	APIP 1990
Bartlett Pond	Essex	Adk Ecol, 1998
Eagle Lake	Essex	APIP 1987, Taggett 1988
Lincoln Pond	Essex	Adk Ecol, 1998
Long Pond	Essex	AIPMP 2002
Minerva Lake	Essex	APIPP, 2005
Putnam Pond	Essex	APIPP 2004
Oseetah Lake	Essex/Franklin	APIP 1991
Schroon Lake	Essex/Warren	Adk Ecol, 1995, Taggett 1988
Copperas Pond	Franklin	AIPMP, 2002
Deer River Flow	Franklin	APIPP, 2003
Fish Creek	Franklin	AIPMP, 2002
Floodwood Pond	Franklin	AIPMP, 2002

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<u>LAKE</u>	<u>COUNTY</u>	<u>REFERENCE</u>
Follensby Clear Pond	Franklin	AIPMP, 2002
Franklin Falls	Franklin	APIPP, 2003
Horseshoe Pond	Franklin	CSLAP, 2001
Indian Lake	Franklin	Adk Ecol, 1998
Lake Colby	Franklin	CSLAP, 1999
Lake Flower	Franklin	APIPP, 2003
Lake Kiwassa	Franklin	CSLAP
Lake Titus	Franklin	APIP 1990, Adk Ecol, 1990
Little Square Pond	Franklin	AIPMP, 2002
Lower Chateaugay Lake	Franklin	CSLAP
Lower Fish Creek Pond	Franklin	AIPMP, 2002
Lower Saranac Lake	Franklin	AWI, 2002
Meachum Lake	Franklin	AIPMP, 2002
Middle Saranac Lake	Franklin	AWI, 2002
Mountain View Lake	Franklin	CSLAP, 1995
Upper Chateaugay Lake	Franklin	CSLAP
Upper Fish Creek Pond	Franklin	AWI, 2002
Upper Saranac Lake	Franklin	APIP, 1996
East Caroga Lake	Fulton	NYS DEC
Great Sacandaga Lake	Fulton	RFWI 1989
Great Sacandaga Lake, Broadalbin	Fulton	APIP, 2007
Mayfield Lake	Fulton	CSLAP, 2000
West Caroga Lake	Fulton	APIP, 1994
LeRoy Reservoir	Genesee	Johnson, 2001
Coxsackie Correctional Fac. Reservoir	Greene	APIP, 2006
Murderer's Creek	Greene	Young, 2005
Sleepy Hollow Lake	Greene	RFWI 1989
Fifth Lake	Hamilton	APIPP, 2003
Lake Algonquin	Hamilton	CSLAP 2002
Seventh Lake	Hamilton	CSLAP, 2002
Sixth Lake	Hamilton	CSLAP, 2002
Weaver Lake	Herkimer	LCI, 2003
Young Lake	Herkimer	LCI, 2003
Butterfield Lake	Jefferson	CSLAP
Floodwood, Lake Ontario	Jefferson	Johnson, 2001
Hyde Lake	Jefferson	CSLAP, 2000
Lake of the Isles	Jefferson	CSLAP, 2000
Lake of the Woods	Jefferson	CSLAP, 1999
Lake Ontario	Jefferson	NYSDEC Fish., 1980
Millsite Lake	Jefferson	Johnson, 2001
Moon Lake	Jefferson	CSLAP

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<u>LAKE</u>	<u>COUNTY</u>	<u>REFERENCE</u>
Payne Lake	Jefferson	LCI, 2007
Red Lake	Jefferson	LCI, 2007
South Colwell Pond, Lake Ontario	Jefferson	Reed, 1977; Johnson, 2001
St. Lawrence River	Jefferson	NYSDEC Fish., 1980
Lake Bonaparte	Lewis	CSLAP
Conesus Lake	Livingston	CSLAP
Bradley Brook Reservoir	Madison	Harman et al., 2001
Cazenovia Lake	Madison	CSLAP
DeRuyter Reservoir	Madison	CSLAP
Eaton Reservoir	Madison	Harman et al., 2001
Gorton Lake	Madison	CSLAP, 1999
Hatch Lake	Madison	CSLAP, 2000
Lake Moraine	Madison	CSLAP
Lebanon Reservoir	Madison	Harman et al., 2001
Lower Leland Pond	Madison	Harman et al., 2001
Madison Lake	Madison	LCI, 2006
Stoney Pond	Madison	Johnson, 2001
Tuscarora Lake	Madison	CSLAP
Upper Leland Pond	Madison	Harman et al., 2001
Buck Pond	Monroe	LCI, 2000
Irondequoit Bay	Monroe	Gilman, 2002
Mill Pond	Nassau	Parks, 2007
Twin Lake North	Nassau	LCI, 2005
Twin Lake South	Nassau	LCI, 2005
Bond Lake	Niagara	LCI, 2006
Hyde Park Lake	Niagara	LCI, 2006
Myers Pond- East	Niagara	LCI, 2006
Myers Pond- West	Niagara	LCI, 2006
Thaler Pond	Niagara	LCI, 2006
Chittning Lake	Oneida	LCI, 2006
Oneida Lake	Oneida	Johnson, 2001
Crooked Lake	Onondaga	Johnson, 2001
Jamesville Reservoir	Onondaga	Johnson, 2001
Labrador Pond	Onondaga	Johnson, 2001
Onondaga Lake	Onondaga	Madsen et al., 1992
Otisco Lake	Onondaga	Johnson, 2001
Canadice Lake	Ontario	Gilman, 1983
Hemlock Lake	Ontario	Gilman, 1983
Honeoye Lake	Ontario	NYS DEC, Gilman, 1985
Canandaigua Lake	Ontario/Yates	Gilman, 1985

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<u>LAKE</u>	<u>COUNTY</u>	<u>REFERENCE</u>
Chadwick Lake	Orange	LCI, 2004
Greenwood Lake	Orange	NYS DEC
Lake Kanawauke	Orange	LCI, 2007
Lake Nawahunta	Orange	LCI, 2007
Moodna Creek	Orange	NYNHP, 2002
North Laurel Pond	Orange	LCI, 2005
Round Lake	Orange	CSLAP
Silver Mine Lake	Orange	LCI, 2007
Walton Lake	Orange	NYS DEC
Lake Alice	Orleans	CSLAP, 1994
Lake Neatahwanta	Oswego	Johnson, 2001
North Sandy Pond, Lake Ontario	Oswego	Johnson, 2001
Paddy's Lake	Oswego	Reed, 1977
Panther Lake	Oswego	Johnson, 2001
Pleasant Lake	Oswego	Gilman, 2002
Sage Creek	Oswego	NYNHP, 2001
Salmon River, Pulaski	Oswego	NYNHP, 2001
South Sandy Pond, Lake Ontario	Oswego	Johnson, 2001
Canadarago Lake	Otsego	CSLAP
Goodyear Lake	Otsego	LCI, 2003
Hunt Pond	Otsego	LCI, 2004
Otsego Lake	Otsego	Titus, J.
Kirk Lake	Putnam	APIP, 1992
Lake Carmel	Putnam	CSLAP
Lake Mahopac	Putnam	CSLAP
Lake Oscawana	Putnam	CSLAP
Lake Tibet	Putnam	CSLAP
Peach Lake	Putnam	CSLAP, 2000
Roaring Brook Lake	Putnam	LCI, 2003
Burden Lakes	Rensselaer	APIP 1994
Castleton Reservoir	Rensselaer	Bagdon Env. Assoc., 1989
Crooked Lake	Rensselaer	Soracco 1990
Crystal Lake	Rensselaer	APIP 1988
Glass Lake	Rensselaer	Soracco 1990
Grafton Lakes 2nd Pond	Rensselaer	APIP 1994
Hampton Manor Lake	Rensselaer	Soracco 1990
Hudson River (Schodack Island Park)	Rensselaer	LCI, 2005
Long Pond	Rensselaer	CSLAP
Mill Pond	Rensselaer	LCI, 2007
Pine Lake	Rensselaer	Soracco 1990
Reichards Lake	Rensselaer	Soracco 1990
Snyders Lake	Rensselaer	NYS DEC, FWI APIP 1988

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<u>LAKE</u>	<u>COUNTY</u>	<u>REFERENCE</u>
Vanderhyden Reservoir	Rensselaer	Soracco 1990
Foxwood Pond	Rockland	NYSDEC, 1996
Haverstraw Bay	Rockland	Menzie, 1979
Hudson River, Iona Island	Rockland	Young, 2005
Rockland Lake	Rockland	LCI, 2006
Stoney Point Battlefield Pond	Rockland	LCI, 2005
Ballston Lake	Saratoga	CSLAP
Galway Lake	Saratoga	RFWI 1989
Great Sacandaga Lake, Edinburg	Saratoga	APIP, 2007
Moreau Lake	Saratoga	NYS DEC
Round Lake	Saratoga	NYS DEC
Saratoga Lake	Saratoga	RFWI 1985
Collins Lake	Schenectady	LCI, 2006
Duck Pond	Schenectady	NYS DEC
Featherstonehaugh Lake	Schenectady	LCI, 2005
Iroquois Lake	Schenectady	LCI, 2006
Mariaville Lake	Schenectady	CSLAP, 1999
Mohawk River	Schenectady	NYS DEC
Steinmetz Lake	Schenectady	LCI, 2006
Cayuta Lake	Schuyler	Johnson, 2001
Glen Creek Impoundment	Schuyler	Parks, 2007
Punchbowl Lake	Schuyler	Parks, 2007
Tobehanna Lake	Schuyler	LCI, 2007
Lamoka Lake	Schuyler/Steuben	CSLAP
Waneta Lake	Schuyler/Steuben	NYS DEC
Seneca River	Seneca	Reed, 1977
Seneca Lake	Seneca/Ontario/	NYS DEC, Gilman,
Black Lake	St. Lawrence	CSLAP
Lake Ontario	St. Lawrence	NYS DEC Fish., 1980
St. Lawrence River	St. Lawrence	NYS DEC Fish., 1980
Almond Reservoir	Steuben	LCI, 2007
Cranberry Pond	Steuben	LCI, 2007
Lake Salubria	Steuben	CSLAP, 1998
Sanford Pond	Steuben	LCI, 2007
Smith Pond	Steuben	CSLAP, 2004
Thurston Pond	Steuben	LCI, 2007
Keuka Lake	Steuben/Yates	Gilman; Johnson, 2001
Kiamesha Lake	Sullivan	LCI, 2005
White Lake	Sullivan	LCI, 2000
Spencer Lake	Tioga	Johnson, 2001
Beebe Lake	Tompkins	Johnson, 2001
Dryden Lake	Tompkins	Gilman, 1992

Table 2. Locations in New York State with Eurasian watermilfoil (*Myriophyllum spicatum*). **Highlighted lakes are new reports for 2007.**

<u>LAKE</u>	<u>COUNTY</u>	<u>REFERENCE</u>
Jenning's Pond	Tompkins	Johnson, 2001
Six Mile Creek Reservoir	Tompkins	LCI, 2006
Esopus Creek, Saugerties	Ulster	NYSDEC, 1996
Hudson River, Gumaer Island	Ulster	Young, 2005
Brant Lake	Warren	APIP 1989, Eichler 1990
Crandall Pond	Warren	RFWI 1987
Daggett Lake	Warren	APIP 1989
Glen Lake	Warren	RFWI 1989
Hovey Pond	Warren	APIP, 2006
Lake Luzerne	Warren	NYS DEC, APIP 1989
Lake Sunnyside	Warren	Eichler & Howe, 1999
Loon Lake	Warren	APIP, 2000
North Pond	Warren	LCI, 2006
Schroon Lake	Warren/Essex	Taggett 1988, APIP 1990
Lake George	Warren/Essex/Washington	DFWI, 1985
Cossayuna Lake	Washington	NYS DEC
Eldredge Swamp	Washington	NYNHP, 2006
Hadlock Pond	Washington	APIP 2002
Hedges Lake	Washington	CSLAP
Lake Lauderdale	Washington	CSLAP
Lock 11 & 12, Champlain Barge Canal	Washington	APIP, 2005
Summit Lake	Washington	CSLAP
East Bay, Lake Ontario	Wayne	Gilman
Port Bay, Lake Ontario	Wayne	Gilman
Sodus Bay, Lake Ontario	Wayne	NYS DEC
Lake Lincolndale	Westchester	CSLAP
Lake Waccabuc	Westchester	CSLAP
Mohansic Lake	Westchester	NYSDEC
Muscoot Reservoir	Westchester	APIP, 2000
New Croton Reservoir	Westchester	APIP, 2000
Titicus Reservoir	Westchester	J. Bloomfield, 2000
Akron Reservoir	Wyoming	LCI, 2006
Attica Reservoir	Wyoming	Johnson, 2001
Lake Lagrange	Wyoming	Johnson, 2001
Silver Lake	Wyoming	CSLAP
Seneca Lake	Yates/Schuyler	Johnson, 2001

Figure 1. New York State counties with Eurasian watermilfoil (*Myriophyllum spicatum*).

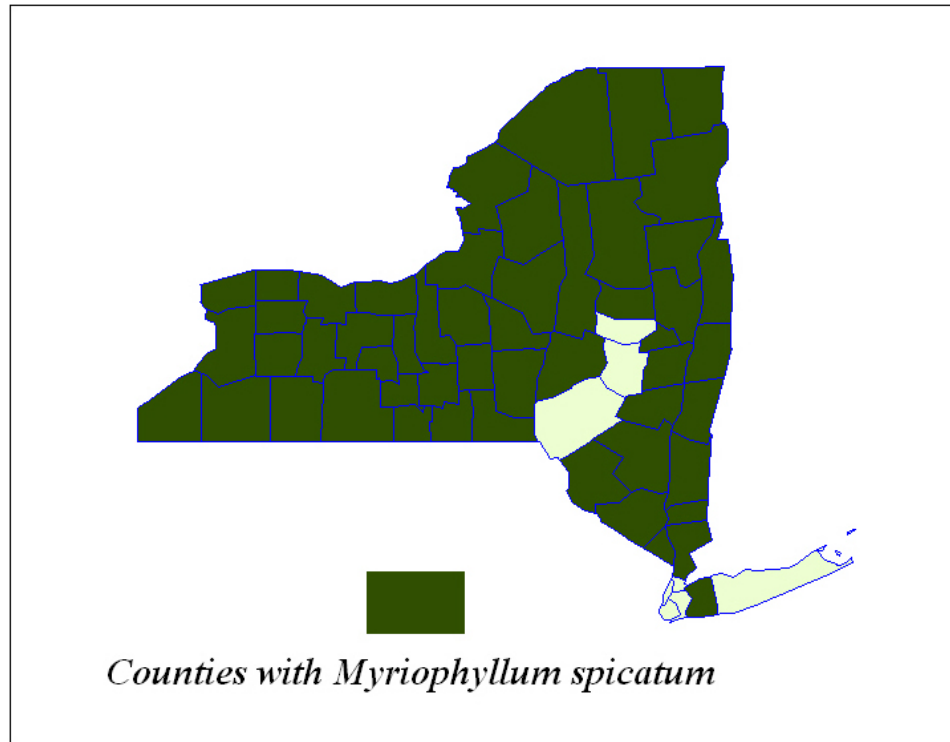


Table 3. Locations in New York State with Waterchestnut (*Trapa natans*).
Highlighted lakes are new reports for 2007.

<u>LAKE</u>	<u>COUNTY</u>	<u>REFERENCE</u>
Ann Lee Pond	Albany	LCI, 2006
Beaver Pond (Five Rivers)	Albany	LCI, 2006
Buckingham Pond	Albany	APIP 1998
Heron Pond (Five Rivers)	Albany	LCI, 2006
Hudson River	Albany	NYSDEC
Littles Lake	Albany	LCI, 2006
Mohawk River	Albany	NYSDEC
Rensselaer Lake	Albany	LCI, 2006
Sanford (Colonie Library) Pond	Albany	LCI, 2006
SUNY Albany Pond	Albany	LCI, 2005
Vly Creek Reservoir	Albany	LCI, 2006
Watervliet Reservoir	Albany	RFWI, 1989
Cincinnati Lake	Chenango/Cortland	Harman, 2006
Lake Champlain	Clinton	NYSDEC
Copake Lake	Columbia	CSLAP, 2000; LCI, 2002
Hudson River	Columbia	NYSDEC
Lower Rhoda Pond	Columbia	NYS DEC, 2000
Fishkill Creek	Dutchess	NYNHP, 2002
Hudson River, Mills Norrie SP	Dutchess	NYNHP, 2003

Table 3. Locations in New York State with Waterchestnut (*Trapa natans*).
 Highlighted lakes are new reports for 2007.

<u>LAKE</u>	<u>COUNTY</u>	<u>REFERENCE</u>
Hudson River, Tivoli Bay	Dutchess	NYNHP, 2002
Wappingers Lake	Dutchess	LCI, 2003
Lake Champlain	Essex	NYSDEC
Hudson River	Green	NYSDEC
Mill Pond (Jones or Wantagh Pond)	Nassau	LCI, 2004
Onondaga Lake	Onondaga	Johnson, 2005
Otisco Lake	Onondaga	Zhu, 2007
Hudson River	Orange	NYSDEC
Mohawk River	Oswego	Oswego Co. SWCD
Oneida Lake	Oswego	Oswego Co. SWCD
Oneida River	Oswego	Oswego Co. SWCD
Oswego River	Oswego	Oswego Co. SWCD
Ox Creek	Oswego	Oswego Co. SWCD
Pleasant Pond	Oswego	Oswego Co, 1990
Seneca River	Oswego/Onondaga	Oswego Co. SWCD
Sodus Bay, Lake Ontario	Oswego/Wayne	Oswego Co. SWCD
Goodyear Lake	Otsego	Harman, 2006
Unnamed Oneonta wetland	Otsego	Harman, 2006
Hudson River	Putnam	NYSDEC
Lake Oscawana	Putnam	CSLAP, 1998
Wonder Lake	Putnam	DEC Fisheries, Region 3
First Burden Lake	Rensselaer	CSLAP, 1998
Hampton Lake	Rensselaer	LCI, 1998
Hudson River	Rensselaer	NYSDEC
Johnsonville Reservoir	Rensselaer	LCI, 2002
Nassau Lake	Rensselaer	CSLAP
Tamarack Pond	Rensselaer	Soracco, 1991
Hudson River	Rockland	NYSDEC
Ballston Lake	Saratoga	CSLAP
Hudson River	Saratoga	NYNHP, 2003
Saratoga Lake	Saratoga	CSLAP
Van Patten's Pond	Saratoga	CSLAP, 2000
Blatnick Pond	Schenectady	LCI, 2005
Collins Lake	Schenectady	LCI, 2005
Mohawk River	Schenectady	NYSDEC
Unnamed pond Rt 41	Schoharie	LCI, 2007
Swan Lake	Sullivan	LCI, 2005
Chodiikee Lake	Ulster	DEC Fisheries, Region 3
Hudson River	Ulster	NYSDEC
Hudson River, Gumaer Island	Ulster	Young, 2005
Barkley Lake	Washington	APIP 1999
Lake Champlain	Washington	NYSDEC
Lock 11, Champlain Barge Canal	Washington	APIP, 2005
Lock 12, Champlain Barge Canal	Washington	APIP, 2005
Hudson River	Westchester	NYSDEC

Figure 2. New York State counties with Waterchestnut (*Trapa natans*)

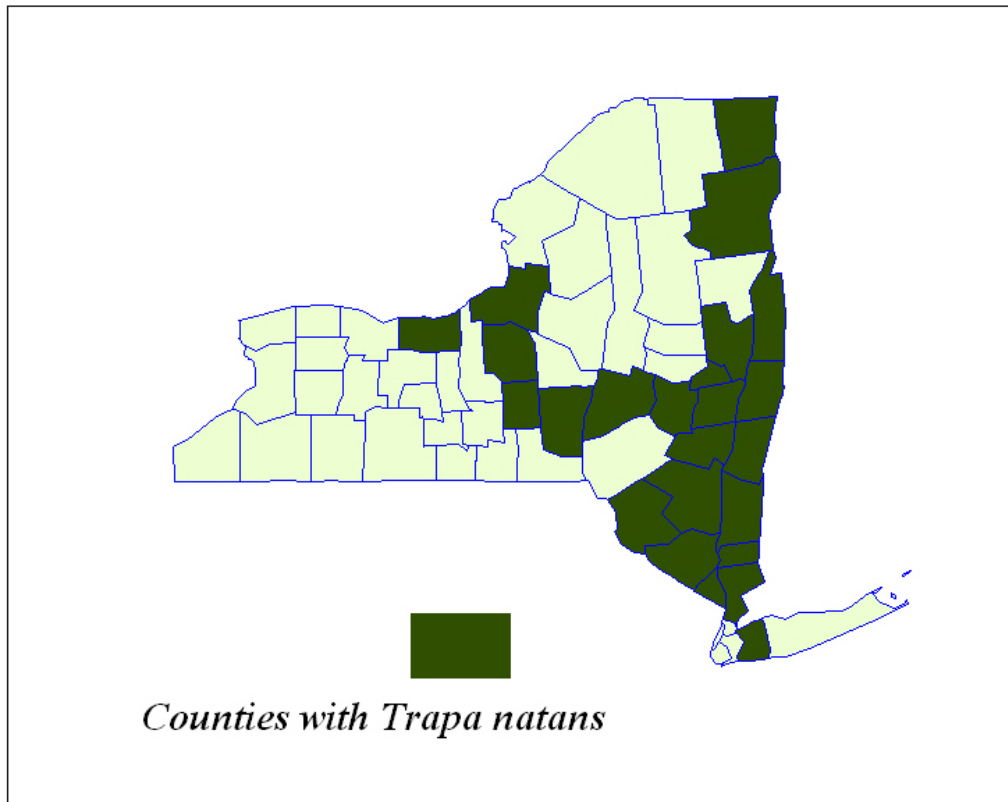


Table 4. Locations in New York State with Curly-leaf Pondweed (*Potamogeton crispus*). Highlighted lakes are new reports for 2007.

<u>LAKE</u>	<u>COUNTY</u>	<u>REFERENCE</u>
Ann Lee Pond	Albany	LCI, 2006
Basic Creek Reservoir	Albany	LCI, 2005
Heldeberg Lake	Albany	LCI, 2005
Littles Lake	Albany	LCI, 2006
Onderdonk Lake	Albany	LCI, 2005
Rensselaer Lake (6 Mile Waterworks)	Albany	NYS DEC, 2001
Thompsons Lake	Albany	Parks, 2007
Warners Lake	Albany	LCI, 2001
Watervliet Reservoir	Albany	RFWI, 1989
Cuba Lake	Allegheny/Cattaraugus	CSLAP, 1999
Case Lake	Cattaraugus	LCI, 2006
Cayuga Lake	Cayuga	Miller, 1978
Cross Lake	Cayuga	Miller, 1978
Lake Como	Cayuga	Miller, 1978
Little Sodus Bay, Lake Ontario	Cayuga	Miller, 1978

Owasco Lake

Cayuga

Miller, 1978

Table 4. Locations in New York State with Curly-leaf Pondweed (*Potamogeton crispus*). Highlighted lakes are new reports for 2007.

<u>LAKE</u>	<u>COUNTY</u>	<u>REFERENCE</u>
Skaneateles Lake	Cayuga	Miller, 1978
Bear Lake	Chautauqua	LCI, 2006
Brocton Reservoir	Chautauqua	LCI, 2006
Chautauqua Lake	Chautauqua	CSLAP
Lower Cassadaga Lake	Chautauqua	LCI, 2006
Middle Cassadaga Lake	Chautauqua	LCI, 2006
Upper Cassadaga Lake	Chautauqua	LCI, 2006
Park Station Lake	Chemung	LCI, 2007
Lake Champlain	Clinton	Flint, 2002
Copake Lake	Columbia	CSLAP, 1998
Lake Taghkanic	Columbia	LCI, 2005
Long Pond	Columbia	LCI, 1996
Olana Pond	Columbia	LCI, 2005
Queechy Lake	Columbia	CSLAP
Tully Lake	Cortland	LCI, 1998
Upper Little York Lake	Cortland	LCI, 1998
Somerset Lake	Delaware	CSLAP, 1998
Rudd Pond	Dutchess	LCI, 2004
Wappingers Lake	Dutchess	LCI, 2003
Delaware Park (Hoyt) Lake	Erie	LCI, 2005
Green Lake	Erie	LCI, 2006
Franklin Falls	Franklin	APIPP, 2003
Lake Flower	Franklin	APIPP, 2003
Mayfield Lake	Fulton	CSLAP, 2000
Mirror Lake	Herkimer	LCI, 2005
Young Lake	Herkimer	LCI, 2003
Floodwood, Lake Ontario	Jefferson	NYS DEC Fish., 1980
Lake Ontario	Jefferson	NYS DEC Fish., 1980
Payne Lake	Jefferson	LCI, 2007
Sodus Bay, Lake Ontario	Jefferson	NYS DEC Fish., 1980
St. Lawrence River	Jefferson	NYS DEC Fish., 1980
Conesus Lake	Livingston	Bloomfield, 1978
Bradley Brook Reservoir	Madison	Lord et al., 2003
Eaton Reservoir	Madison	Harman et al., 2001
Hatch Lake	Madison	CSLAP, 2000
Lake Moraine	Madison	CSLAP, 1995
Lebanon Reservoir	Madison	Harman et al., 2001
Lower Leland Pond	Madison	Lord et al., 2003
Tuscarora Lake	Madison	CSLAP, 1998
Upper Leland Pond	Madison	Lord et al., 2003
Buck Pond	Monroe	LCI, 2000
Cranberry Pond	Monroe	LCI, 2000
Irondequoit Bay	Monroe	Bloomfield, 1978
Massapequa Reservoir	Nassau	LCI, 2005
Tanglewood Park Pond	Nassau	LCI, 2005

Bond Lake Niagara LCI, 2006

Table 4. Locations in New York State with Curly-leaf Pondweed (*Potamogeton crispus*). Highlighted lakes are new reports for 2007.

<u>LAKE</u>	<u>COUNTY</u>	<u>REFERENCE</u>
Hyde Park Lake	Niagara	LCI, 2006
Lake Ontario- Wilson Tuscarora SP	Niagara	NYSOPRHP, 2006
Chittning Lake	Oneida	LCI, 2006
Butternut Creek, Onativia	Onondaga	Young, 2005
Jamesville Reservoir	Onondaga	LCI, 2002
Onondaga Lake	Onondaga	Madsen et al., 1992
Canadice Lake	Ontario	Gilman, 1983
Honeoye Lake	Ontario	CSLAP, Gilman 1985
Newark Reservoir	Ontario	LCI, 2003
Chadwick Lake	Orange	LCI, 2004
Mombasha Lake	Orange	LCI, 2003
Round Lake	Orange	CSLAP
Tamms Pond	Orange	LCI, 2005
Oneida Lake	Oswego	Bloomfield, 1978
Pennellville Pond	Oswego	LCI, 2003
Canadarago Lake	Otsego	CSLAP
Goodyear Lake	Otsego	LCI, 2003
Otsego Lake	Otsego	Bloomfield, 1978
Lake Celeste	Putnam	CSLAP, 1996
Lake Peekskill	Putnam	CSLAP
Baisley Pond	Queens	LCI, 2003
Cooper's Pond	Rensselaer	RFWI 1989
Nassau Lake	Rensselaer	APIP, 1992
Snyders Lake	Rensselaer	NYS DEC, 1999
Congers Lake	Rockland	LCI, 2003
Rockland Lake	Rockland	Parks, 2007
Swartout Lake	Rockland	LCI, 2003
Saratoga Lake	Saratoga	CSLAP
Woodland Lake	Saratoga	LCI, 2006
Blatnick Pond	Schenectady	NYS DEC, 2000
Collins Lake	Schenectady	LCI, 2006
Duane Lake	Schenectady	CSLAP
Iroquois Lake	Schenectady	LCI, 2006
Steinmetz Lake	Schenectady	LCI, 2006
Engleville Pond	Schoharie	LCI, 2001
Franklinton Vlae Pond	Schoharie	LCI, 2001
unnamed pond Rt 41	Schoharie	LCI, 2007
Lake Ontario	St. Lawrence	NYS DEC Fisheries, 1980
St Lawrence River	St. Lawrence	NYS DEC Fisheries, 1980
Little Fresh Pond	Suffolk	CSLAP
Brant Lake	Warren	Eichler, 1990
Loon Lake	Warren	Adk. Ecol. & APIP, 2007
Lake George	Warren/Essex/Washington	APIP, 1988
Barkley Lake	Washington	APIP, 1999
Champlain Canal, Town of		
Whitehall boat launch	Washington	APIP, 2007

Table 4. Locations in New York State with Curly-leaf Pondweed (*Potamogeton crispus*). Highlighted lakes are new reports for 2007.

<u>LAKE</u>	<u>COUNTY</u>	<u>REFERENCE</u>
Cossayuna Lake	Washington	RFWI, 1987
Hedges Lake	Washington	CSLAP
Hills Pond/Emerald Lake	Washington	CSLAP
Summit Lake	Washington	Eichler & Bombard, 1991
Lake Oscaleta	Westchester	CSLAP, 2007
Lake Truesdale	Westchester	CSLAP, 2001
Lake Waccabuc	Westchester	CSLAP, 2006
Muscot Reservoir	Westchester	APIP, 2000
Truesdale Lake	Westchester	CSLAP, 2001
Wallace Pond	Westchester	CSLAP, 2006
Java Lake	Wyoming	CSLAP, 1998
Silver Lake	Wyoming	CSLAP
Canandaigua Lake	Yates	Gilman, 2002

Figure 3. New York State counties with Curly-leaf Pondweed (*Potamogeton crispus*).

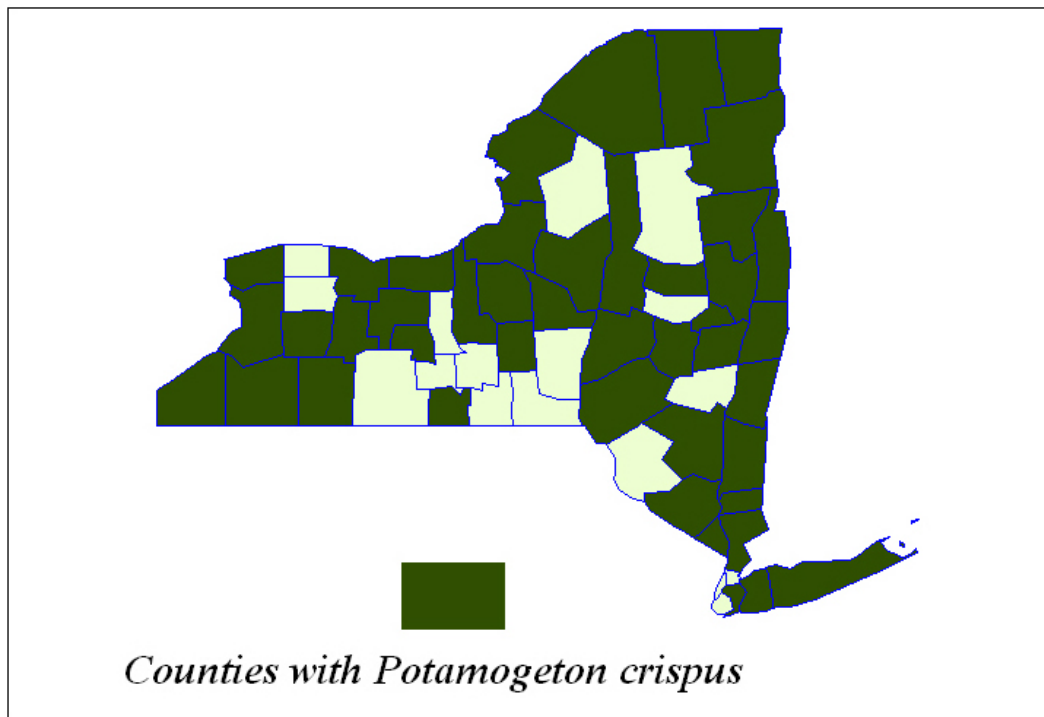


Table 5. Locations in New York State with Fanwort (*Cabomba caroliniana*).
 Highlighted lakes are new reports for 2007.

<u>LAKE</u>	<u>COUNTY</u>	<u>REFERENCE</u>
Long Pond	Dutchess	LCI, 2003
Silver Lake	Dutchess	LCI, 2003
Forest Park Lake	Nassau	LCI, 2006
Mill Pond (Jones or Wantagh Pond)	Nassau	LCI, 2004
Twin Lake North	Nassau	LCI, 2005
Twin Lake South	Nassau	LCI, 2005
Lake Kanawauke	Orange	LCI, 2007
Lake Skannatati	Orange	LCI, 2007
Lake Tiorati	Orange	LCI, 2007
Little Long Pond	Orange	LCI, 2007
Mexico Pond	Oswego	Harman, 1999
Efner Lake	Saratoga	CSLAP, 1997
Hunt Lake	Saratoga	CSLAP, 1994
Jenny Lake	Saratoga	CSLAP, 1994
Mill Pond	Saratoga	CSLAP, 1999
Artist Lake	Suffolk	LCI, 2006
Belmont Lake	Suffolk	NYSDEC, 1994
Canaan Lake	Suffolk	CSLAP, 2006
Forge Pond (Peconic Lake)	Suffolk	LCI, 2003
Great Patchogue Lake	Suffolk	LCI, 2006
Little Fresh Pond	Suffolk	LCI, 2002
Little Peconic Reservoir	Suffolk	Young, 2003
Lower Yaphank Lake	Suffolk	LCI, 2006
Southards Pond	Suffolk	LCI, 2006
Swan Lake	Suffolk	LCI, 2006
Trout Pond	Suffolk	LCI, 2006
Upper Yaphank Lake	Suffolk	LCI, 2006
West Brook Pond	Suffolk	NYSOPRHP, 2006
West Lake	Suffolk	LCI, 2006
Wildwood Lake	Suffolk	LCI, 2006
Martin Lake	Sullivan	LCI, 2004

Figure 4. New York State counties with Fanwort (*Cabomba caroliniana*).

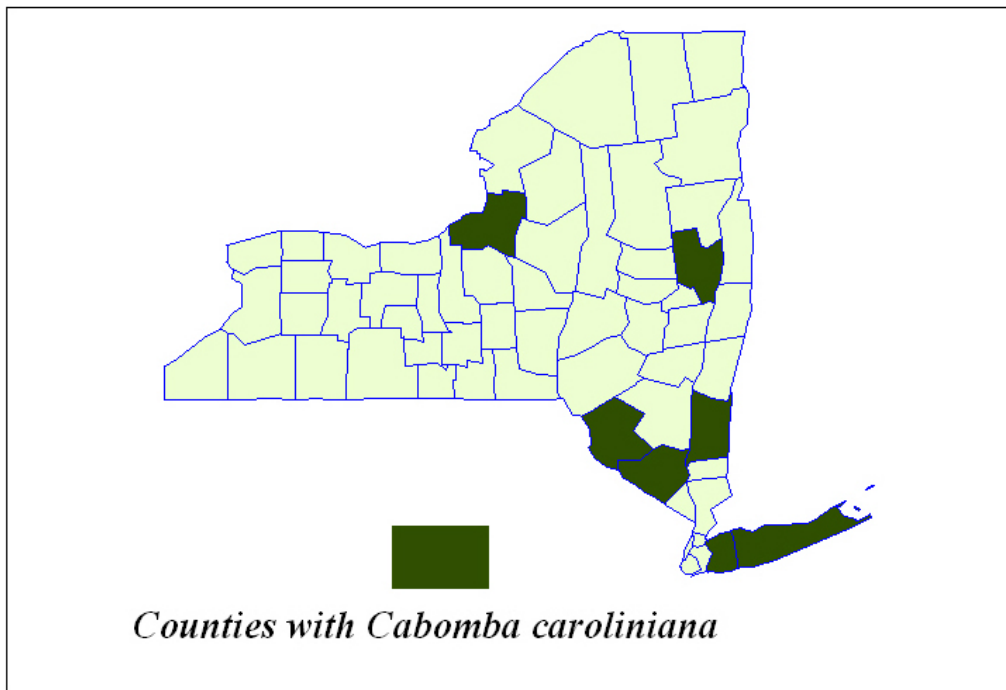


Table 6. Locations in New York State with Variable Milfoil (*Myriophyllum heterophyllum*). Highlighted lakes are new reports for 2007.

<u>LAKE</u>	<u>COUNTY</u>	<u>REFERENCE</u>
Cayuga Lake	Cayuga	Gilman, 1992
Sterling Pond, Lake Ontario	Cayuga	Gilman, 1992
Lake Flower	Franklin	APIPP, 2005
Tupper Lake	Franklin	APIPP, 2003
Lake Durant	Hamilton	APIPP, 2007
Long Lake	Hamilton	APIPP, 2006
Raquette Lake	Hamilton	APIPP, 2006
Fourth Lake	Herkimer	APIPP, 2005
Old Forge Pond (First Lake)	Herkimer	APIPP, 2006
Kayuta Lake	Oneida	Johnson, 2007
Jamesville Reservoir	Onondaga	NYSDEC, 2007
Lake Kanawauke	Orange	LCI, 2007
Lake Nawahunta	Orange	LCI, 2007
Lake Skannatati	Orange	LCI, 2007
Lake Stahahe	Orange	LCI, 2007
Lake Tiorati	Orange	LCI, 2007
Lower Twin Lake	Orange	Parks, 2007
Silver Mine Lake	Orange	LCI, 2007
Upper Cohosett Lake	Orange	Parks, 2007
North Sandy Pond, Lake Ontario	Oswego	Gilman, 1992

Table 6. Locations in New York State with Variable Milfoil (*Myriophyllum heterophyllum*). Highlighted lakes are new reports for 2007.

<u>LAKE</u>	<u>COUNTY</u>	<u>REFERENCE</u>
South Sandy Pond, Lake Ontario	Oswego	Gilman, 1992
Pelton Pond	Putnam	Parks, 2007
Chaumont Pond	St. Lawrence	APIPP, 2002
Cranberry Lake	St. Lawrence	APIPP, 2002
Piercefield Flow	St. Lawrence	APIPP, 2006
Canaan Lake	Suffolk	CSLAP, 1990; Johnson, 2004
Great Patchogue Lake	Suffolk	LCI, 2006
Long Pond	Suffolk	LCI, 2006
Lower Vail Pond	Suffolk	NYSOPRHP, 2006
Lower Yaphank Lake	Suffolk	LCI, 2006
Upper Vail Pond	Suffolk	NYSOPRHP, 2006
West Brook Pond	Suffolk	NYSOPRHP, 2006
Willow Pond	Suffolk	NYSOPRHP, 2006
Beaver Creek	Wayne	Gilman, 1992
East Bay, Lake Ontario	Wayne	Gilman, 1992
Sodus Bay, Lake Ontario	Wayne	Gilman, 1992

Figure 5. New York State counties with Variable Milfoil (*Myriophyllum heterophyllum*).

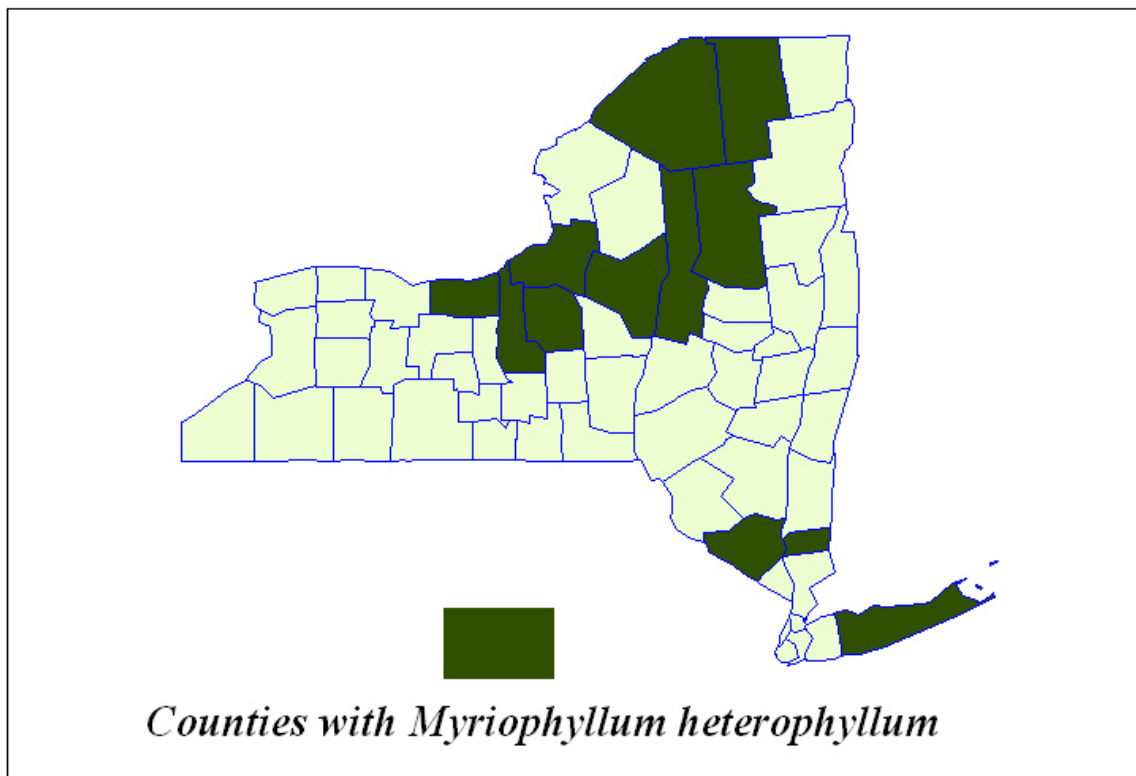


Table 7. Locations in New York State with European Frogbit (*Hydrocharis morsus-ranae*). Highlighted lakes are new reports for 2007.

<u>LAKE</u>	<u>COUNTY</u>	<u>REFERENCE</u>
Fairhaven Beach, Lake Ontario	Cayuga	NYNHP, 2002
Sterling Pond, Lake Ontario	Cayuga	Johnson, 2005
Sodus Bay, Lake Ontario	Jefferson	Haber, 2001
St. Lawrence River	Jefferson	Catling and Dore, 1982
Butterfly Swamp, Lake Ontario	Oswego	NYNHP, 2002
Health Camp Marsh, Lake Ontario	Oswego	NYNHP, 2002
Port Ontario, Lake Ontario	Oswego	Haber, 2001
Oneida Lake	Oswego	Zhu, 2007
Canton Wildlife Management Area	St. Lawrence	Haber, 2001
Grasse River, Lampson Falls	St. Lawrence	APIPP, 2005
Lisbon Swamp	St. Lawrence	NYNHP, 2004
Oswegatchie River	St. Lawrence	Catling and Dore, 1982
Forge Pond (Peconic Lake)	Suffolk	NYS DEC, 2006
Champlain Canal, Clemons	Washington	APIP, 2004
Great South Bay (Lake Champlain)	Washington	APIP, 2007
Lake Champlain, Mill Bay	Washington	Crosson, 2000

Figure 6. New York State counties with European Frogbit (*Hydrocharis morsus-ranae*)

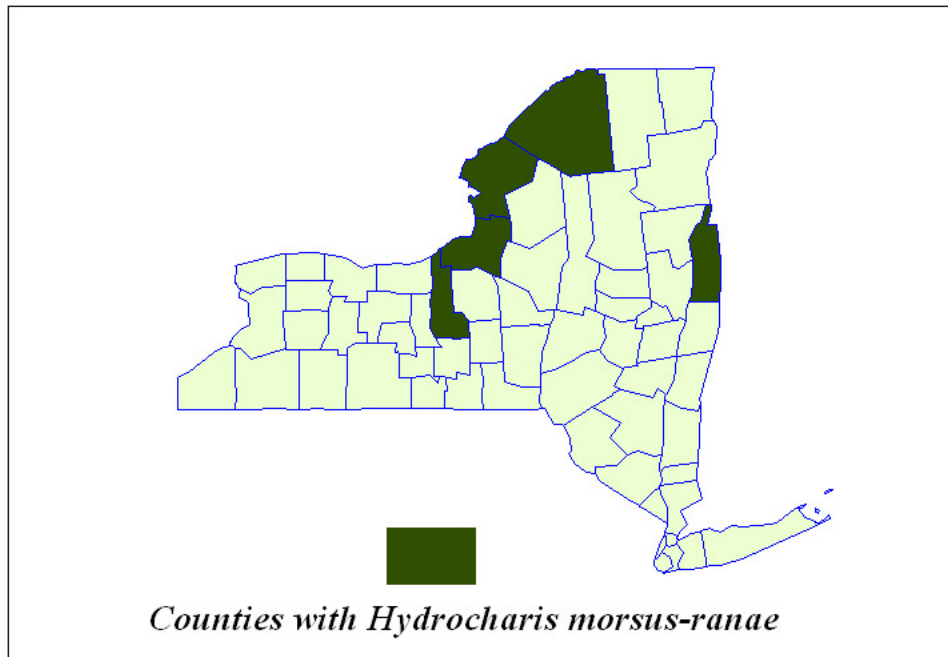


Table 8. Locations in New York State with Parrotfeather (*Myriophyllum aquaticum*). **Highlighted lakes are new reports for 2007.**

<u>LAKE</u>	<u>COUNTY</u>	<u>REFERENCE</u>
Massapequa Reservoir	Nassau	LCI, 2004
Mill Pond (Lynbrook)	Nassau	LCI, 2005
Forge Pond (Peconic Lake)	Suffolk	NYS DEC, 2006

Figure 7. New York State counties with Parrotfeather (*Myriophyllum aquaticum*).

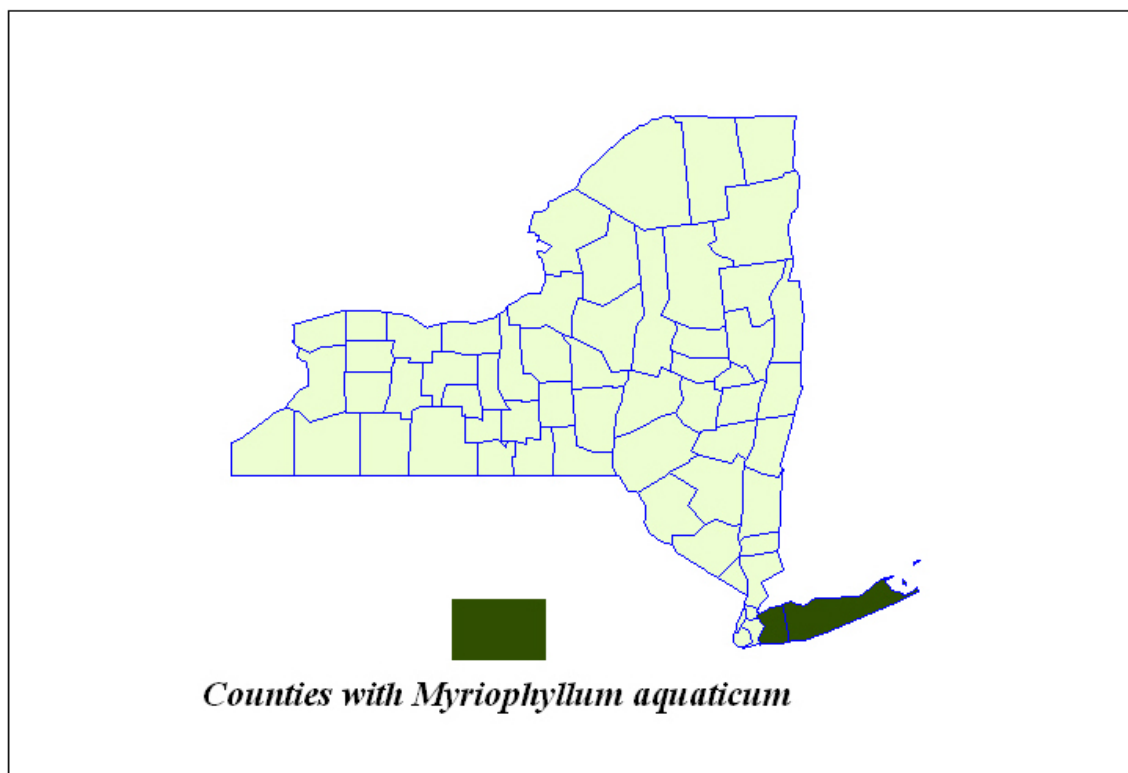


Table 9. Locations in New York State with Starry Stonewort (*Nitellopsis obtusa*). Highlighted lakes are new reports for 2007.

<u>LAKE</u>	<u>COUNTY</u>	<u>REFERENCE</u>
Sterling Pond, Lake Ontario	Cayuga	Johnson, 2002
Chautauqua Lake	Chautauqua	Johnson, 2007
St. Lawrence River	Jefferson	Geis et al., 1981
Lake Bonaparte	Lewis	Johnson, 2007
Lake Moraine	Madison	Harman, 2007
Braddock Bay, Lake Ontario	Monroe	Johnson, 2005
Lake Ontario-Wilson Tuscarora SP	Niagara	LCI, 2006
Oneida Lake	Oswego	Johnson, 2005
St. Lawrence River	St Lawrence	Geis et al., 1981

Figure 8. New York State counties with Starry Stonewort (*Nitellopsis obtusa*).

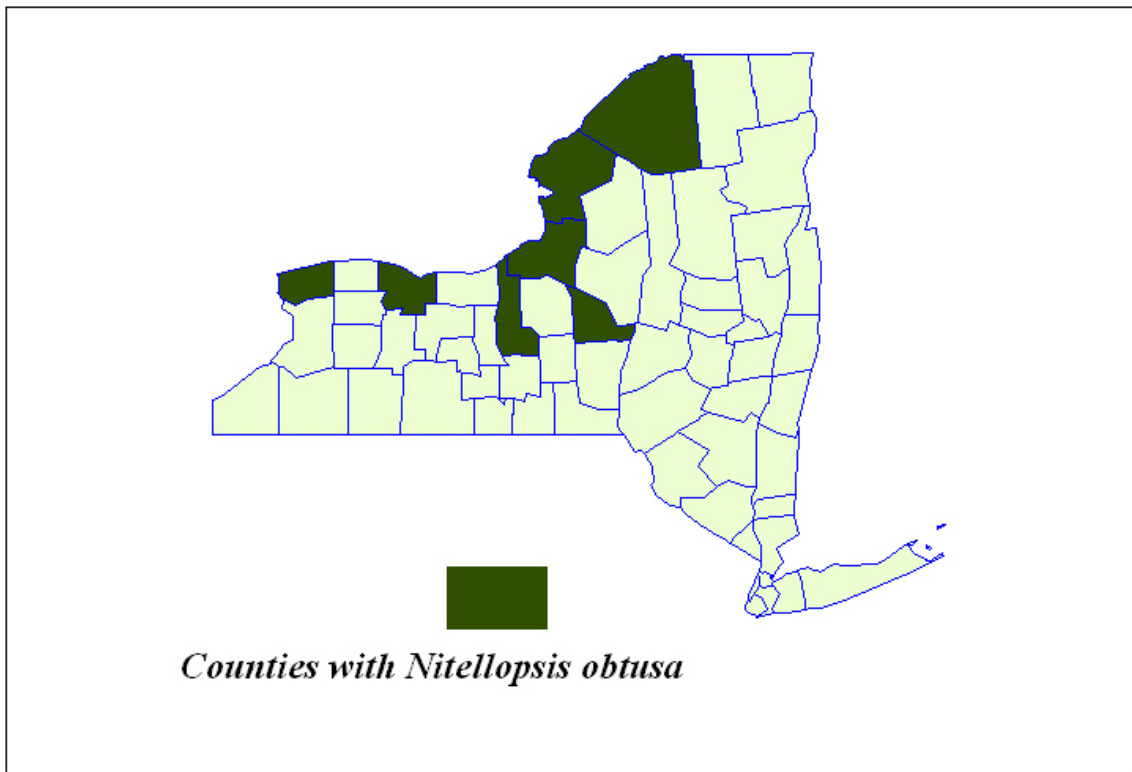
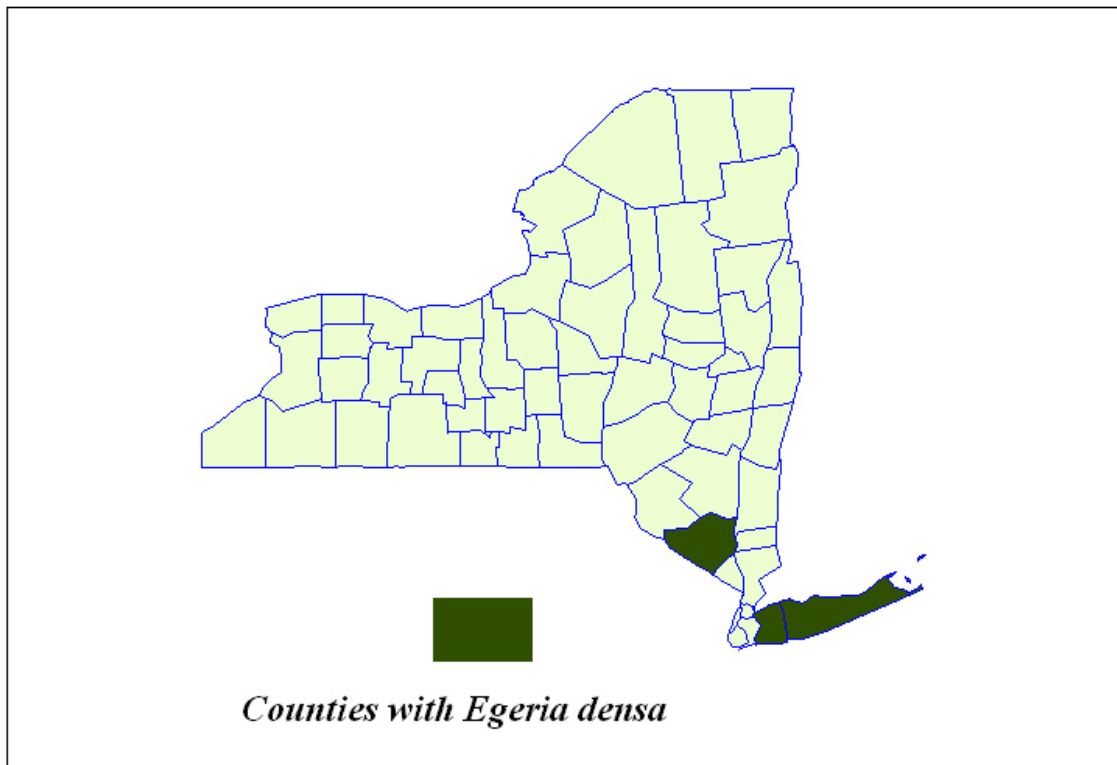


Table 10. Locations in New York State with Brazilian Elodea (*Egeria densa*).
 Highlighted lakes are new reports for 2007.

<u>LAKE</u>	<u>COUNTY</u>	<u>REFERENCE</u>
Forest Park Lake	Nassau	LCI, 2006
Merokee Lake	Nassau	Cornell, 2006
South Pond	Nassau	Parks, 2007
Twin Lake South	Nassau	LCI, 2006
Lake Guymard	Orange	NYS DEC, 2006
Lake Stahahe	Orange	LCI, 2007
Forge Pond (Peconic Lake)	Suffolk	NYS DEC, 2006
Great Patchogue Lake	Suffolk	LCI, 2006
Randall Pond	Suffolk	NYS DEC, 2006

Figure 9. New York State counties with Brazilian Elodea (*Egeria densa*).



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APPENDIX A

AQUATIC PLANT IDENTIFICATION PROGRAM ANNOUNCEMENT

Darrin Fresh Water Institute (DFWI) has an ongoing program of identifying new sites with Eurasian watermilfoil both in Lake George, and in regional lakes. If you have a plant that you think may be Eurasian watermilfoil, we will gladly identify it for you free of charge.

To have plants identified, send or bring at least three intact plants to the DFWI laboratory facility in Bolton Landing on Lakeshore Drive (Route 9N) or to our RPI campus office (Materials Research Center 201). The plants should be in a plastic bag or container with water. In addition, we would like the following information: name of collector, lake name, site of collection, depth at which the plant was growing, date of collection, the name and phone number of a person to contact with the results.

Plants for identification should be directed to Lawrence Eichler (eichll@rpi.edu). For more information, contact the DFWI site in Bolton Landing (518) 644-3541 or in Troy at (518) 276-8430.

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Troy, NY 12180