



# **Weed Watcher's Program - Brenda Godin**

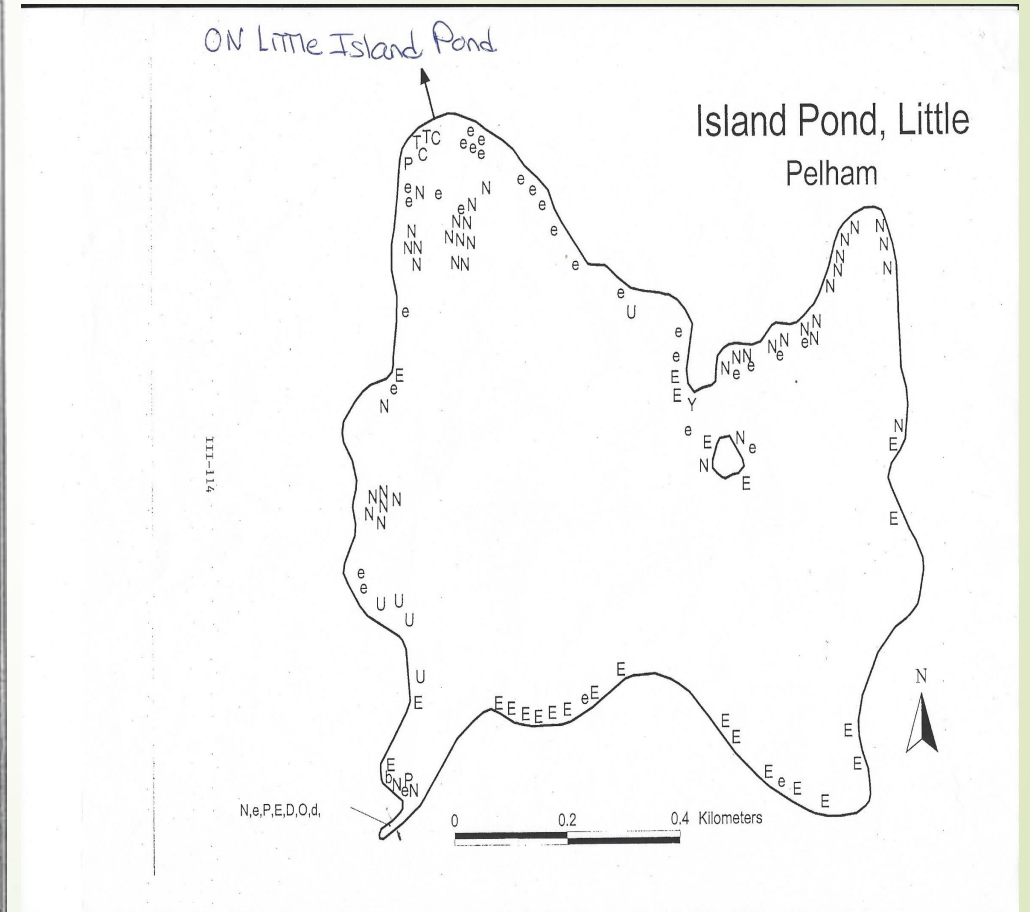


## What is the Weed Watchers Program?

- Volunteers that serve as Weed Watchers on a lake they love.
- They learn the aquatic growth and become familiar with the water body
- Weed Watchers are critical to helping with early detection of new infestations of aquatic invasive species.
- A Weed Watchers kit and training help volunteers to monitor for invasive plants and animals in Little Island Pond.
- Pictures/samples of finding are sent to Amy, Exotic Species Program, N.H. DES.

# A baseline was completed 2017 by Amy Smagula, DES

AQUATIC PLANT SURVEY			
LAKE: ISLAND POND, LITTLE		TOWN: PELHAM	DATE: 07/03/2001
Key	PLANT NAME		ABUNDANCE
	GENERIC	COMMON	
N	Nymphaea	White water lily	Scattered
e	Eleocharis	Spike rush	Scattered
b	Scirpus	Bulrush	Sparse
P	Pontederia cordata	Pickerelweed	Sparse
E	Eriocaulon septangulare	Pipewort	Scattered
D	Decodon verticillatus	Swamp loosestrife	Sparse
O	Cephalanthus occidentalis	Buttonbush	Sparse
d	Dulichium arundinaceum	Three-way sedge	Sparse
Y	Nuphar	Yellow water lily	Sparse
U	Utricularia	Bladderwort ✓	Sparse
T	Typha	Cattail	Sparse
C	Cyperaceae	Non-flowering sedge	Sparse



## 2018 Weed Watchers Program for Little Island Pond

- April 21st 2018 -

Kick off meeting, volunteers trained by Amy Smagula, Limnologist/Exotic Species Program Coordinator of NH Department of Environmental Services, Concord NH

- May and June 2018

Two additional training sessions by Brenda Godin at Wood Road

- Little Island pond volunteers Qty 22

# Who are your Weed Workers



**THANK YOU**

	<u>First Name</u>	<u>Last Name</u>
1	Carolyn	Adduci
2	Krista	Bajor
3	Pete	Bajor
4	Paul	Bonnen
5	Paulie	Bulmer
6	Brenda	Godin
7	Brian	Green
8	Judi	Habeeb
9	Angela	Harkins
10	Susan	Hopkins
11	Phil	Kane
12	Susan	MacDougall
13	Cheri	McDonough
14	John	McDonough
15	Tom	Murtagh
17	John&Heather	Patterson
18	Joe	Rufiange
19	Joan	Sweeney
20	Joost	Verhofstad
21	Janice	Wiegman
22	Leanne	Withrow



# What do the Weed Watchers Volunteers do?

## LIPA WEED WATCHERS SURVEY GUIDE

Brenda Godin

### ENJOY YOUR TIME ON THE LAKE

- ❖ **MONTHLY MAY - SEPTEMBER REVIEW YOUR ESTABLISHED AREA ON THE LAKE  
( JUST TRY TO DO WHAT YOU CAN )**
- ❖ **CONTACT BRENDA END OF EACH MONTH @TELEPHONE 978-604-7161 OR EMAIL BGODIN318@AOL.COM**
- ❖ **COMMUNICATE QUESTIONS/FINDINGS OR ALL CLEAR**
  
- ❖ **REVIEW FROM WATER EDGE TO 15 FEET INTO THE WATER**
- ❖ **SCAN SURFACE, BOTTOM AND ROOTED PLANTS**
- ❖ **SWITCH BACK OR SERPENTINE THE AREA OF COVERAGE**
- ❖ **ALTERNATE MONTHLY IF AREA FOR COVERAGE IS TO LARGE**
- ❖ **COMMUNICATE WITH THE ADJACENT WEED WATCHERS**
- ❖ **REVIEW FINDINGS WITH EACH OTHER WHEN UNSURE WHAT YOU ARE VIEWING**
- ❖ **BEWARE OF THE LOOK-ALIKES! SEE LAMINATED PICTURES IN KIT**

Not found in 2018

## 2017 - Cyanobacteria Bloom

- ▶ Found by Pete & Krista Bajor
- ▶ Wood Road 2017
- ▶ Harmful to humans & pets
- ▶ Dissipate on its own





# Algae

## Filamentous green

- ▶ Submitted by John Patterson
- ▶ West shore area
- ▶ Native Non-Invasive
- ▶ Common pond Algae two more common types of algae you will encounter, filamentous green (ok) and cyanobacteria (of concern that should be reported).



## Brown blackish scum

- ▶ Submitted by Krista Bajor and Paulie Bulmer
- ▶ Wood road and Little Island Park beach
- ▶ Native Non-Invasive
- ▶ No action to be taken
- ▶ Not harmful- both areas washed away over time.
- ▶ Normal lake processes decomposition



2018 - Bassweed

# Potamogeton Amplifolius

- ▶ Found by John Patterson
- ▶ Gaston street area
- ▶ Native Non-Invasive
- ▶ Common pond weed



# 2018 - Colonial Animal - Bryozoan

- Found by John Patterson
- Gaston Street Area
- Not harmful
- Size of football



# 2018- Bladderwort

- Submitted by Joost Verhofstad
- Sandy Beach
- Native Non-Invasive
- Common pond weed
- Usually floating on water
- Can just move it out of the way
- Carnivorous plant that captures zooplankton (microscopic animals)
- When in bloom has small yellow flowers



# 2018- Pickerel weed *Pontederia ordata*

- ▶ Submitted by Paulie Bulmer
- ▶ Little Island Park beach area
- ▶ Native Non-Invasive
- ▶ Common pond weed
- ▶ Good for fish to hide
- ▶ Can grow 4' tall
- ▶ Waxy leaves vary in shapes and size.
- ▶ Violet flowers grow at end of vertical Spike



2018-Fly (Diptera)  
probably midge,  
pupa of some type  
SECT -True

- ▶ Submitted by Leanne Withrow
- ▶ South Shore
- ▶ Pupa usually attached to something prior to emergence.
- ▶ No worries



# 2018- Robbin's Pondweed

## Potomageton Robinsil

- ▶ Submitted by Pete and Krista Bajor
- ▶ Found as a floater on beach Wood Rd
- ▶ bottom growing weed,
- ▶ Native Non-Invasive
- ▶ Common pond weed





# Clasping Leaf Pondweed

## Patamogeton Perfoliatus

- ▶ Submitted by John Patterson, Judi Habeeb, Pete Bajor, Joost Verhofstad, Angela Harkins.
- ▶ Native Non-Invasive
- ▶ Common pond weed
- ▶ Vigorous growth 2018
- ▶ Can grow 1-10 feet long



## Little Island Pond Dam

June 11th Dam inspector James Weber NH Dept of Environmental Service Dam Bureau Concord NH .

Attending: Camp site Mgr., 5 LIPA board members

Little Island Pond is considered a Great Pond meaning it is greater than 10 acres in size and under the the State of NH jurisdiction

- Data: 4.5 feet high, 300 feet long, built in 1972
- The dam is a non-menace hazard classification and therefore DES doesn't have jurisdiction to require a dam owner to perform maintenance or repairs.

## Little Island Pond Dam

- The State does inspect the dam every 6 years due to the large storage of the pond. If the owner were to reconstruct the dam, a permit would be required from the Dam Bureau. None of the work currently recommended would be considered reconstruction
- Evaluating and repairing the cracks in the concrete on both sides of the stoplog bay to minimize flow through the dam; was discussed.
- Plans for repair this fall.