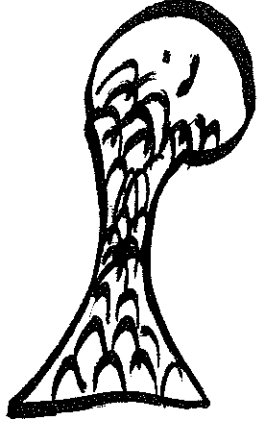


Doland Pond

Self fails.



Leaders:

Sustin "I ♥ this pen" Generent

Lyuda) "My trip slip is probably written with something STUPID, like marker." Kovalchuke
→ 617-WOK-NEST (617-465-6378)
→ 617-558-5567 (617-KLU-KLOP)

Doland is my super awesome favorite trip, not only because it is a protected wetland with lots of rare species. Perhaps we will encounter one, like the fabled Recyclosaurus. Of course, they usually hide in their caves in the summer. Doland Pond is in Auburndale, and it is all of 8 acres big. Remember Wells Reserve? Parts of that were wetlands! Wetlands are a ridiculously important ecosystem, because of the many species endemic to them. Wetlands along the coast also provide buffers ~~along the coast~~ against storms.

IS'NT THAT GREAT?

- Bring: Lunch, Water
- Boots, ~~Field kit~~ Field kit
- Rain gear, Bug spray
- sunscreen

In case of emergency, your child will be brought to:
Newton Wellesley Hospital: 617-243-6000.
This program must comply with the regulations of the Massachusetts Dept. of Public Health and must be licensed by the City of Newton Health Department.

DOLAN Pond

Where: Brown Middle School
 When: July 25, 9am - 4pm
 Leaders: Lynda Kovalchuk 617-558-5567
 Stuff: Justin "Kiki" Chenevert 617-965-6378
 lots of water, boots, lunch, raingear,
 first aid kit, fine dark chocolate imported
 from Belgium

To celebrate
 your accomplishment
 of successfully
 completing
 nearly all
 of the
 walking trips

of the program, we will head to Dolan pond, a cool body of water located in an 8-acre ~~restland~~ ^{wetland} in Auburndate! Dolan Pond is an interesting place to visit because it is home to some plant species that are kind of rare in this area and because it's got some cool trails we can explore. While we're checking out Dolan, we can also stop by the other two ponds in the area: Quinn Pond (Figure 26a) and Banana Pond (Figure 26c). See you on Tuesday! ^{Figure 26 b:!} Monkey Lake (does not actually exist)

Figure 26a:

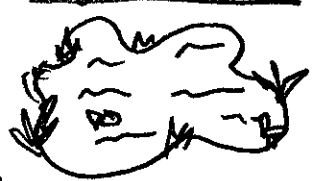


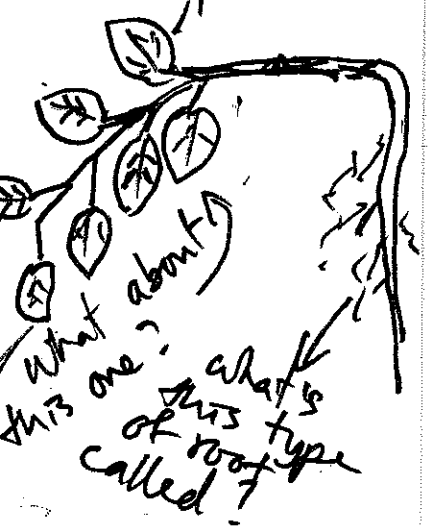
Figure 26c



What's the name of this purple species? hnt: before the photo copy it was purple



Is it a monocot or a dicot??



What about this one? what's this type of root called?

In case of emergency, your child will be brought to:
 Newton Wellesley Hospital: 617-243-6000.
 This program must comply with the regulations of the Massachusetts Dept. of Public Health and must be licensed by the city of Newton Health Department.

dolan

Leaders:

Amelia Runyan
617-244-8836

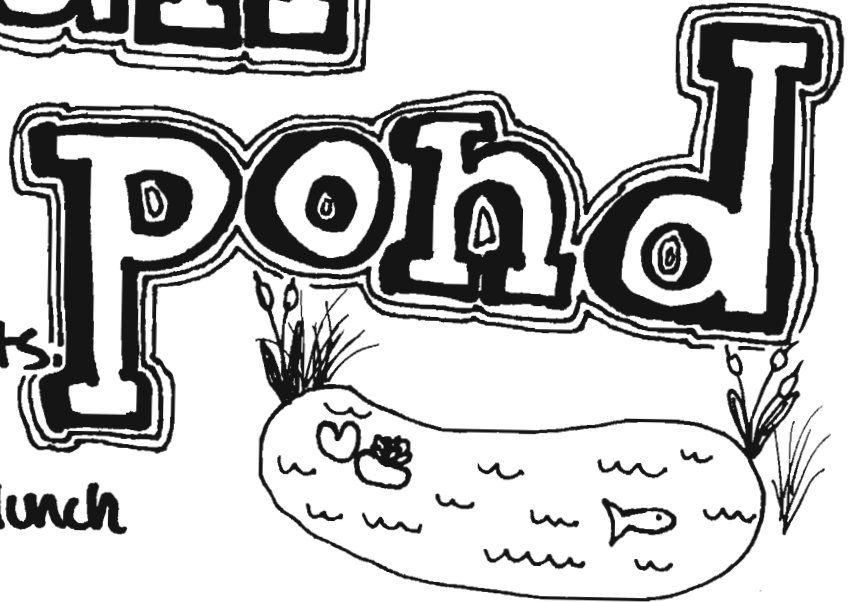
trip slip #15

Meet @ Brown

Equipment: Hiking boots,

backpack, field kit,

TONS O' WATER, big lunch



Dolan Pond is an 8-acre wetland in
Auburndale, my personal favorite village of Newton. If
you're a returning student you might remember going to
Dolan Pond for cleanup day.

Dolan Pond is home to some plants and wildlife
that you cannot find anywhere else in Newton. The
reason that Dolan Pond sustains so many different types
of life is because it is a wetland and wetlands
are the most diverse biome. So get ready to visit the

what makes a wetland cool:

- 1) They sustain many life forms
- 2) They're a resting place for migrating birds
- 3) They purify water that run through them

- 4) They prevent flooding
- 5) They're super cool!!!

4 fabulous ponds
and the interesting
wildlife of
DOLAN
POND!!!

DOLAN POND

H24

WASH IN GTON!
 WE SPENT A GOOD CHUNK OF MONDAY PULLING OUT AN INVASIVE SPECIES... JAPANESE BAMBOO OR POLYGONUM CUSPIDATUM. WE'LL GET TO SEE ALL THE WORK WE DID AND THE DIFFERENCE IT MAKES... PLUS I HEARD THERE ARE SOME GREAT NEW TRAILS THAT THESE REALLY COOL PEOPLE BUILT!

*WHERE: BROWN M.S. *WHO: ANGELA (617) 527-7993
 *WHEN: 8:30-4 *HOW: ON FOOT... ONE STEP @ A TIME
 *WHAT: LOTS + LOTS OF WATER, BIG LUNCH, WATER, FIELD KIT, WATER, A LITTLE EXTRA \$ FOR SOME ICE CREAM, 3,000 STACKED POKER CHIPS ORGANIZED RED, WHITE + BLUE

THE WORD OF THE DAY INVASIVE SPECIES:

WE'VE LEARNED ABOUT...
 PURPLE LOOSE-STRIPE ANOTHER INVASIVE SPECIES
 WE'VE LEARNED ABOUT...
 PURPLE LOOSE-STRIPE (AKA LYTHRUM SALICARIA)
 FORMS IMPENETRABLE MATS WHERE FEW OTHER BEDS A YEAR EACH
 OF WHICH REMAINS ACTIVE
 STUDIES DONE AT CONE. RECENT FOR YEARS TO INTRODUCE MANY AREAS
 AND EUROPEAN LEAF-EATING BEETLES AND A MENIT TO HELP CONTROL THE POPULATION. THE INITIAL RESULTS SEEM PROMISING, BUT WHAT PROBLEMS COULD THESE NEW CREATURES CHOSE AROUND HERE? THINK ABOUT THE POSSIBLE RISKS TO MONUMENTS
 HAVE ALL BEEN THERE BEFORE AND ARE FAMILIAR WITH THE PARK WE WILL HAVE SOME TIME TO ENJOY IT AND LOOK AROUND. AS YOU DO YOU'LL NOTICE A LOT OF PURPLE LOOSE-STRIPE ANOTHER INVASIVE SPECIES WE'VE LEARNED ABOUT.
 PURPLE LOOSE-STRIPE (AKA LYTHRUM SALICARIA)
 FORMS IMPENETRABLE MATS WHERE FEW OTHER BEDS A YEAR EACH OF WHICH REMAINS ACTIVE
 STUDIES DONE AT CONE. RECENT FOR YEARS TO INTRODUCE MANY AREAS AND EUROPEAN LEAF-EATING BEETLES AND A MENIT TO HELP CONTROL THE POPULATION. THE INITIAL RESULTS SEEM PROMISING, BUT WHAT PROBLEMS COULD THESE NEW CREATURES CHOSE AROUND HERE? THINK ABOUT THE POSSIBLE RISKS TO MONUMENTS
 HAVE ALL BEEN THERE BEFORE AND ARE FAMILIAR WITH THE PARK WE WILL HAVE SOME TIME TO ENJOY IT AND LOOK AROUND. AS YOU DO YOU'LL NOTICE A LOT OF PURPLE LOOSE-STRIPE ANOTHER INVASIVE SPECIES WE'VE LEARNED ABOUT.

NOTE: AS THIS IS OUR LAST DAY FOR A DAY TRIP IT IS MY LAST TRIP (CLEAR) AND AS ALL MY TRIP PARTS HAVE BEEN SLIGHTLY TRIP PARTS THIS YEAR, THIS ONE IS GOING TO BE NEAT, PRETTY AND EDUCATIONAL.
 FINISH IT OFF W/ A BANG

NOW IT IS TIME FOR A LITTLE REVIEW:
 MATCH THESE TERMS W/ THEIR PROPER PICTURE OR DISCRPTION:

- XYLEM _____
- TEMPORARY BOND PRARIE _____
- CLIMAX _____
- PLOEM _____
- STAMEN _____
- PISTOL _____
- EUTROPHICATION _____
- FOXWALK _____
- POND _____
- COMPOUND LEAF _____
- SIGN FOR A LEFT TURN ON A BIKE _____
- A DIFFERENCE BETWEEN MAGNETIC + TRUE NORTH FROM THIS AREA _____
- WHAT CAUSES RINGS IN A TREE'S TRUNK _____
- WHAT GREEN PLANT _____

A. A.

B. B.

C. C.

D. D.

E. E.

F. -CARRIES H2O THROUGHT TREE

G. FEMALE PART OF A FLOWER

H. GUN

I. YLO

J. A WALK THAT IS SAFE TO DO IN COMPLETE DARKNESS

K. 246

L. CARRIES FOOD THROUGHOUT A TREE

M. SEASONS

N. LAST STAGE IN POND SUCCESSION

O. MALL PART OF FLOWER

P. BAMBOO

Q. Q.

R. LAST STAGE IN FOREST SUCCESSION

S. 3000 METERS

T. SPED UP POND SUCCESSION

U. 160

V. MOSS

W. XYLEM

X. WEATHER

Y. FLYING MONKEY

Dolan Pond



Trip Slip # 10
July 15, 1997
Times: 9am - 3pm

Equipment: field kit
boots, **BIG LUNCH**
Lots and Lots of water,
You might want to wear
2 pairs of socks to prevent
blisters, Bug Spray

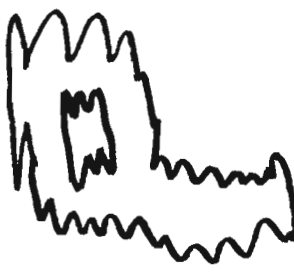
Leaders: Sarah - 9654602
Jenny - 969-2776

Dolan Pond is a very special
conservation area in Newton

because it is home to some
rare plants. Some we will
look forward to seeing, such as
the insect devouring Sundew and
others we will hope to avoid,
like poison sumac.

The Dolan Pond Conservation
area actually contains 3 ponds
Dolan Pond, Ginn Pond and
Banana Pond. With so much
water there ~~is~~ also lots
of swampland which
means... Bugs! It also
means lots of wildlife like
plants, animals and birds.

there are
lots of paths
going around the
conservation area.
There is a reason for all of
these trails, and we should
make sure to stay on them.
Paths keep people (such as
us) from ruining the plants
by stepping on them, they also
help prevent erosion. It is
important to learn to stay on
the trail, now because when
we get to the mountains it
will be super important
we ~~truly~~ only because of
plants and erosion
but also to keep
from getting
lost!



Trip \$13
by 20th 2005

Leaders: Mike "Mexican Hat Dance Master" McEllan ~617-244-0998
 David "R-R-Ruffles" Krinsky ~617-332-4459
 Lyda "Professor Eeeee" Rosion" Kovalchuk ~617-584-2684

Times: 9am - 4pm Meet @: Brown Middle "Delicious" School

Equipment: hiking boots,
 Field Kit, **BIG LUNCH**,
 water, \$ (bring enough kids to share)

Yowza Yowza!! The last day of normal trips! Only the Mountains remain. To celebrate

we are going to visit the legendarity awesome (made legendary by its pure awesomeness)

DOLAN POND. Some people call Doland Pond "Poland Pond" but that's crazy. ☹️

WAA WAA WAA
 I tells ya! Know why? Well I'll tell you why. First off, this is America. Second, what the heck is a "Dond". I'm pretty sure that's

not a word, and in some cultures making up words is a crime so don't do that. So I bet you're wondering what Doland Pond is exactly. Not only is Doland Pond a pond (whoda thunk) but it is also an important conservation area because it has many rare plants such as the *Whercicus Waldoodendum* (Just try and find it). Also in the conservation area are Quinn Pond and Barana Pond (also ponds). With all these ponds there is plenty of swamp area which we'll be sure to look at and learn about. Also bring some money because we may make a mystery stop. The End. Yamdoindoozle!!!



Deland: Quinn: Banana:

Deland: Quinn: Banana:

DOLAN POND

Meet @: Brown MS When: 9-4

Leaders: Lyuda "Lu" Kovalchuk
617-584-2624

David "Dizzle" Krinsky

617-332-4459

Mike "The Calculator" McEllan

617-244-0998

Equipment: TONS of water, big lunch, boots, rain gear, some extra \$ for ice cream if you want, bug spray, 1st aid



Quack!



Tomorrow we will set off on a long, long journey to a place known as the Dolan Pond Conservation Area, which is an 8-acre wetland in the village of Auburndale. Get ready to see some awesome plants and animals, because Dolan Pond is full of species that can't be found anywhere else in Newton! "Why is that?" you ask. Well, dear students, Dolan Pond has so much diverse wildlife because it is a wetland, and wetlands are rich with species of organisms. There'll be lots of bugs, ^{various} so be sure to bring some bug spray!



weird frog

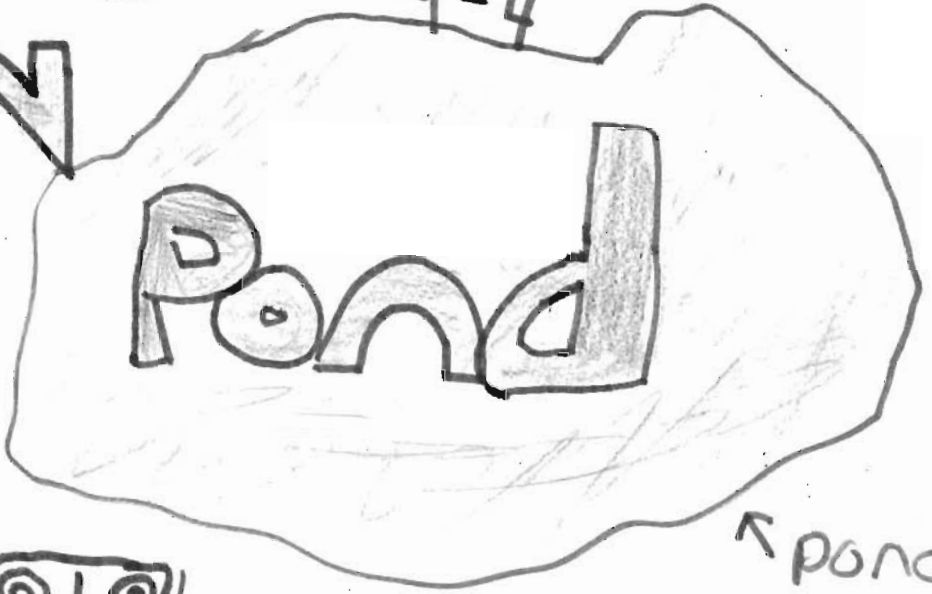
In case of Emergency, your child will be brought to:
Newton Wellesley Hospital: 617-243-6000.

This program must comply with the regulations of the Massachusetts Dept. of Public Health and must be licensed by the City of Newton Health Department.

Beat brown

9-4

Dolan



LEADERS:

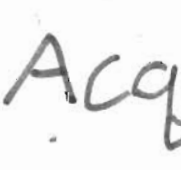
- David K. (617) 332-4459
- Lynda (617) 584-2624
- Mike (617) 244-0998

Equipment:

- Boots, lunch
- Water, Field kit,
- 2 pairs of socks

⊙ | ⊙ This trip is far so do not forget. ★ Bring money if you want ★

Most favorite trip. 😊 Dolan Pond is a swampy marshy area near in Auburndale. Dolan Pond used a farm, but in 1979 (those were the days) Newton Acquired the Pond by the Dolan family.



Dolan family

horse

Take it Newton...
I DON'T WANT IT!

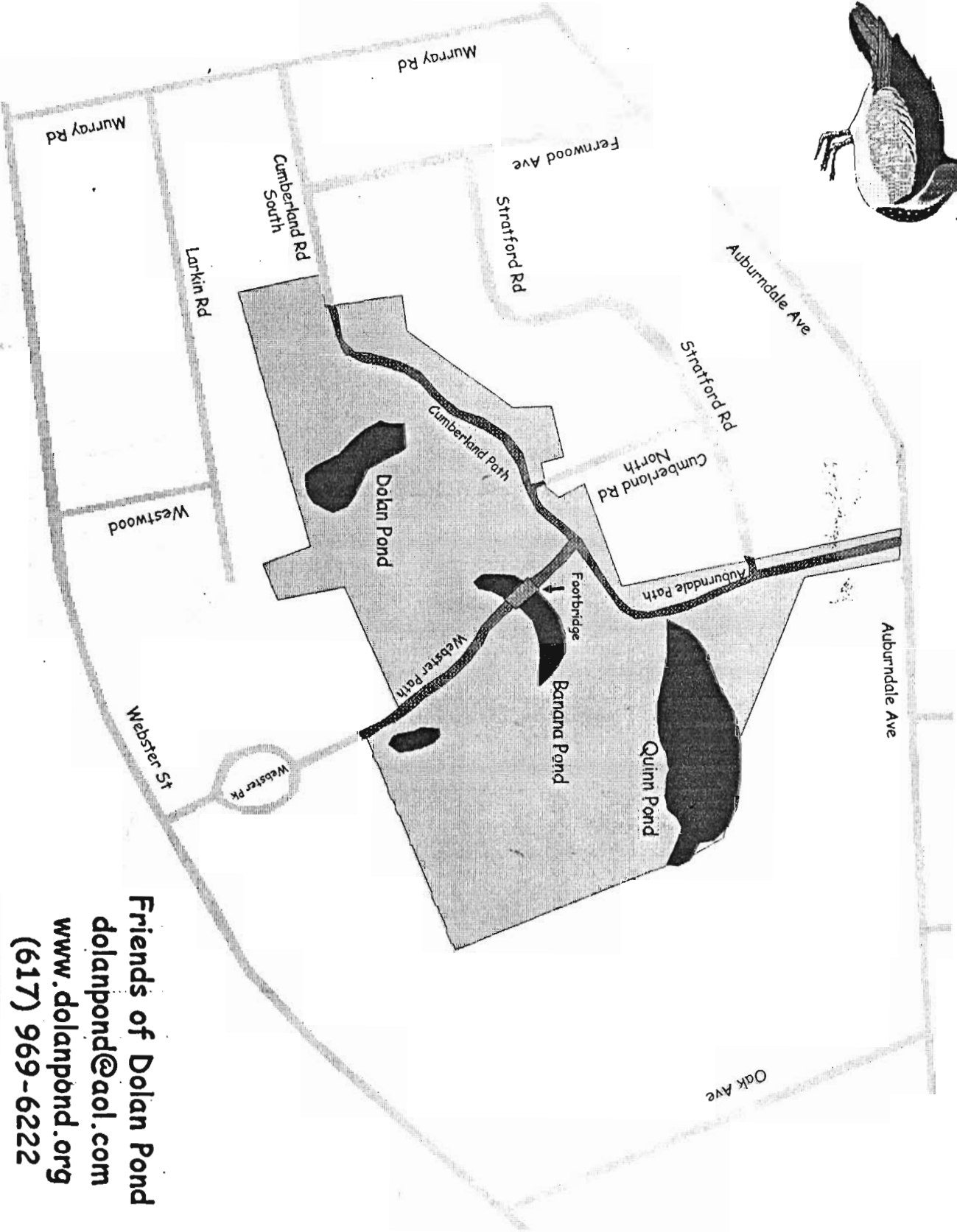


In case of Emergency, your child will be brought to: |
Newton Wellesley Hospital: 617-243-6000.
This program must comply with the regulations of the Massachusetts Dept. of Public Health and must be licensed by the city of Newton Health Department.



Dolan Pond Conservation Area

West Newton, MA

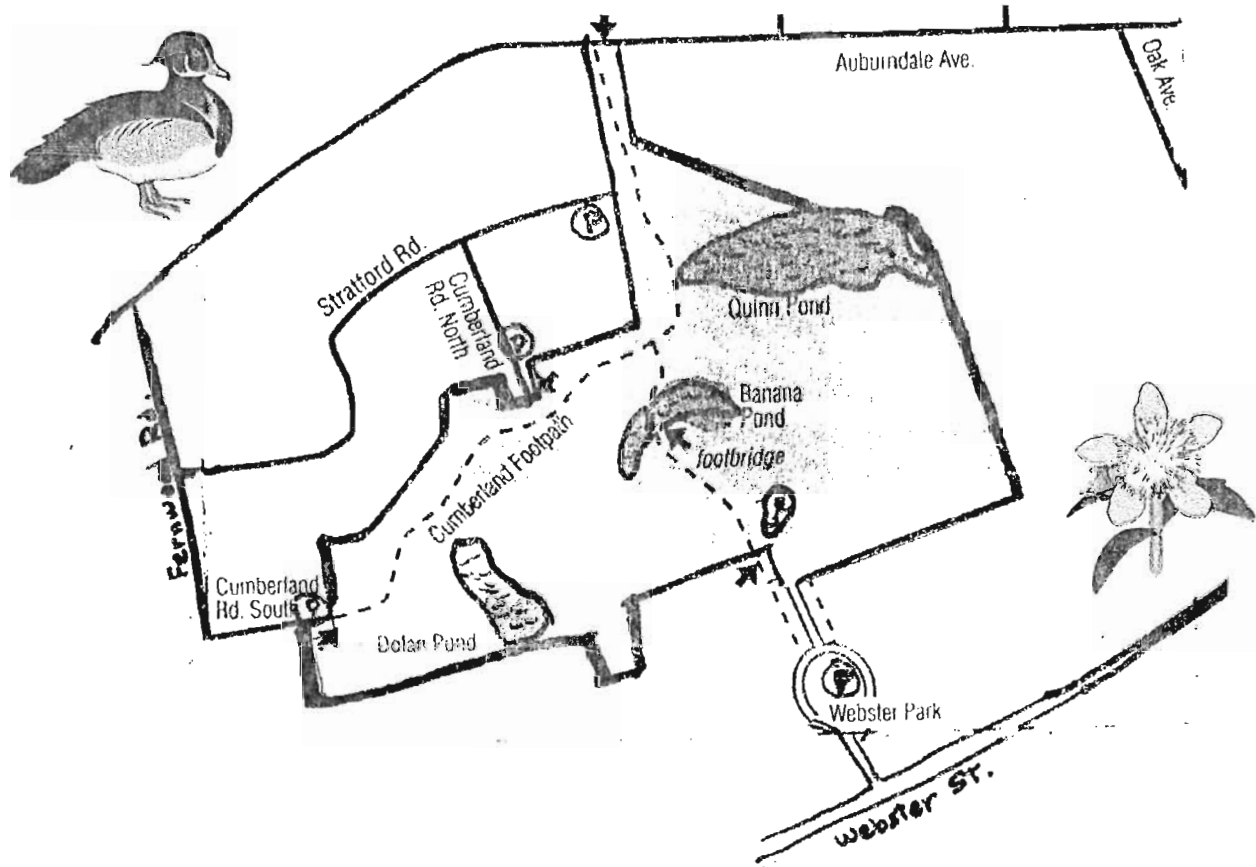


Friends of Dolan Pond
dolanpond@aol.com
www.dolanpond.org
(617) 969-6222

Dolan Pond Conservation Area

West Newton, MA

A 1995 naturalist's resource survey report concluded that Dolan Pond Conservation Area provides unique habitat for both wildlife and a variety of plant species that are rare within the City of Newton. Although only 8 acres in extent, the area provides a mosaic of environmental conditions that encourages biological diversity. Included among the plant species of special significance found growing in the area are netted chain fern, Atlantic white cedar, round leaved sundew, swamp milkweed, poison sumac, and cotton grass. Although the majority of the conservation area is dominated by red maple swamp, the interspersed open water, scrub/shrub thickets and wet meadow/vegetated swales provides for a rich wildlife habitat. Wading birds such as green heron, waterfowl (e.g. mallards, wood duck, and green winged teal) and many species of warblers have been observed at Dolan Pond Conservation Area. Aquatic areas provide habitat for amphibians and snakes. The 1995 report stated that Dolan Pond was a "very special jewel with the City of Newton's open space system."



Dolan Pond consists of 8 acres of wetlands traversed by paths and footbridges, and is ideal for walking, bird watching, nature study, and ice skating (Quinn/Dolan Ponds are quite shallow allowing quick freeze-over in season). It is managed by the Newton Conservation Commission (contact Martha Horn, City Environmental Planner at City Hall Planning Dept.). In 1979, the city acquired the privately owned portions with aid of state funds. The area was destined for housing plots. There are entrances to paths from Auburndale Ave, Stratford Rd, Cumberland Rd (North/South), and Webster Park. Many commercial street maps incorrectly show streets running through the area! Parking is available on Webster Park, Cumberland Rd. and Stratford Rd.

Dolan Pond Conservation Area has 4 Ponds: Dolan Pond (western part formerly owned by Charles Dolan), Quinn Pond (eastern end formerly owned by Catherine Quinn, sometimes called "Secret Pond"), Banana Pond (the central pond with a footbridge; it's shaped like a banana and is the deepest of the ponds), and Irene's Pond (a small pond to the right when entering from Webster Park).

Over 130 species of birds have been observed at Dolan Pond (including prothonotary warbler, worm-eating warbler, louisiana waterthrush, long-billed dowitcher, ruffed grouse, and white-eyed vireo). Over 25 different species have nested here. A wood duck nesting program was begun in the fall of 1998 (2 each on Quinn and Dolan, 1 on Banana). The area supports one of the largest coyote populations in Newton. Nearby residents are advised to keep cats and small dogs in at night. As part of the Newton Pride Wildflower Initiative, native wildflowers have been planted including marsh marigold, blue-flag iris, cardinal flower, new england aster, blue vervain, swamp milkweed, monkey flower, jacob's ladder, and obedient plant. Local citizens, teachers, students, and parents have been involved in wood chipping the paths, wildflower plantings, weed removal, cleanup day, bird/nature walks, nestbox programs, and signage.

For further info please contact Friends of Dolan Pond (909-6222, DolanPond@aol.com, <http://dolanpond.8m.com>)

Leader: PAM MAHONEY (527-5831)

TRIPSLIP 7

July 12, 1994

Equipment: field kit, notebook, etc, EXTRA WATER (2 QUARTS), A BIG LUNCH, WEAR 2 PAIRS OF SOCKS, ~~AND BEARINGS AND A BATHING SUIT~~

BRING A BATHING SUIT

Times: 9 to 3 BEWARE THAT THE TRIP ENDS AT 3:00, NOT 2:00!!!!!!

DOLAN POND

Today, we'll be hiking to Dolan Pond, an eight acre wetland in Auburndale. The exciting history: "Dolan Pond was originally part of an active farm owned by the Dolan family. In 1979, the city of Newton acquired the privately owned portions with aid of state funds."

The hike is a super extra long hike, so it is really important to bring lots of water. You should wear 2 pairs of sock in your hiking boots to prevent blisters! Get used to this!

What is a wetland???? Although there is no specific definition, all wetlands have 2 common characteristics:

1. their soil is periodically saturated with or covered by water
2. they contain plants which can tolerate such conditions

NON-TIDAL wetlands occur along streams, lakes, and PONDS. (Tidal wetlands are affected by the tides, like the Kittery marsh)

There are 3 types of non-tidal wetlands:

EMERGENT:

SCRUB SHRUB:

FORESTED:

You will be able to fill in these definitions by the end of the trip. Here's a hint: they relate to the stages of pond/forest succession.

IMPORTANCE OF WETLANDS:

1. sustain thousands of organisms/life forms
2. resting places for migrating birds
3. purify water
4. prevent flooding, erosion

FUN FACTS: 11 million acres of wetlands have been drained for agricultural and real-estate purposes. Question: what do Newton South and Disney World have in common?

THIS WILL BE AN AWESOME TRIP. BY THE WAY, THERE IS A SURPRISE INVOLVED. WE MAY HAVE A SUPER COOL GUEST JOIN US!!!!!!

^{#11} DIAN POND awaits

July 17th, 1990
9AM - 3PM

you need -
your field kit
lots of H₂O
lots of food
Space for
books + tests!

once again,
what is the difference between a pond and a lake?

U.S.

ANNA DOHERTY 965-3815

"Dolan Pond was originally part of an active farm owned by the Dolan Family. In 1979, the city of Newton acquired the privately owned portions with aid of state funds."

Questions to think about:

- How does "an active farm" transform into a pond?
- What kind of trees and plants surround a marshy pond?

Dolan Pond is a swampy, marshy area, covering eight acres of Auburndale. It is a new trip for Envi/Sci, so after finding the best possible route, and arriving there we will be exploring the area and hopefully recording what we find so that we can bring our information back to Envi/Sci.

* Bring ice cream \$.
we may stop on the

Trip slip # 11

Agatha Clancy 969-7407

Dan Thomases 527-2763

July 18, 1994

9:00am - 3:00pm

DOLAN
POND

EQUIPMENT

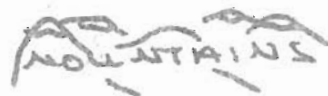
BOOTS

LOTS OF H₂O

FIELDKIT

NOTEBOOK/PENCIL

LUNCH

TODAY WILL BE A LONG TRIP. YOU WILL HAVE LONG TRIPS ALL WEEK SO THAT WE CAN GET IN REALLY GOOD SHAPE FOR THE  MOUNTAINS. DOLAN POND WAS ORIGINALLY AN ACTIVE FARM. IT WAS OWNED BY THE DOLAN FAMILY. IN 1979 NEWTON ACQUIRED PRIVATELY OWNED PORTIONS OF IT WITH THE HELP OF STATE FUNDS.

WHAT IS A WETLAND? A WETLAND IS A PLACE

WHERE PLANTS GROW THAT ARE WATER LOVING PLANTS BECAUSE THE LAND IS SATURATED BY WATER. WHAT ARE SOME OF THE

THINGS THAT WOULD MAKE PLANT LIFE GROW FROM THE BOTTOM OF A POND?

ONE THING IS HUMUS. HUMUS IS A LAYER AT THE BOTTOM OF THE POND CONTAINING DEAD PLANTS AND FISH. IT HAS NUTRIENTS IN IT WHICH HELP NEW PLANT LIFE TO GROW. WHAT

ARE SOME OTHER WAYS THAT THE PLANTS WILL GROW?

Dolan Pond

Trip # 8
(969-7407) Agatha Clancy

Allan Telio
July 12, 1993


Time 9:00 - 2:00

Equipment: canteen (lots of water) field kit
lunch

What is the difference between a lake and a pond? Today we will be taking a little bit longer trip. Dolan Pond was originally an active farm. It was owned by the Dolan Family. In 1979 Newton acquired privately owned portions of it with help of state funds.

Dolan Pond is a swampy and marshy area. Is it in the earlier or the later stages of Pond Succession. Remember the stages: Pioneer, Emerged vegetation, submerged vegetation, Temporary Pond/Prairie stage.

We will be taking water tests here. We will also have some field guides to identify the plants that surround this area.

Questions to think about 

How does an active farm transform into a pond?

What kind of trees and plants surround a marshy pond area.

DOLAN POND

#11
July 18th 1994
Larry the Stur

Leaders: Dan Thomases 527-2763
and Agatha Clancy 969-7407

Equipment:
lots of Lunch
lots of Water (2 can)
Field Kit

Dolan Pond was once a private farm. Since 1979 it has been owned by the City of Newton thanks to State Money.

Dolan pond, like many of the other trips this week, is an extreme long hike, so I mean hike, so be sure to bring and drink lots of water. The trip's distance is also controlled by your decision of which left or right to take. Choose well or your feet will be angry with you.

Dolan pond is a swampy marshlike place in Auburndale. It was once a farm how do you think it became so swampy and pondlike? Speaking of ponds, what is the difference between a pond and a lake?

And what about pond succession. How does that work?

Dolan Pond was recently discovered by one of our fearless explorers as being also known as Spring Money for
There's a
get
Some
Pond.
Pond.
Pond.

Dolan Pond

leaders: Sarah #965-4602

Jenny #969-2776

Trip slip 10
July 16, 1996
Times 9-3

Equipment: field kit,
Big lunch, lots of
water, wear 2
pairs of socks

Stages of Pond Succession

1. Bare Bottom

very little life
in pond



2. Submerged vegetation

- some underwater
plants, small fish



3. Emerging vegetation

- plants above water
surface (ex. cattails,
purple loosestrife)



4. Temporary Pond and Prairie

- marsh/bog, small trees, grasses



Why are wetlands important?

1. lots of different things live there
2. cleans the water
3. prevents flooding & erosion

What is a pond?

A pond is a body of water usually smaller than a lake that has an inlet, or cut off completely from outside water.

Do any of you know what eutrophication is? This is when pond succession occurs at an accelerated rate due to lots of phosphates in the water. How would phosphates get in the water? We'll talk about eutrophication and phosphates on the trip.

DOLAN POND



This will be one of the first longer trips. Take note that we won't be back 'till 2:30pm and let anyone know that if it is necessary for them to know what time to pick you up after program. Also be sure to bring more water or fluids because it is a longer trip.

Trip slip #9 Leader: Dan T.
(527-2763)

Date: Monday 15 July 1996

Time: 9:00am 2:30pm

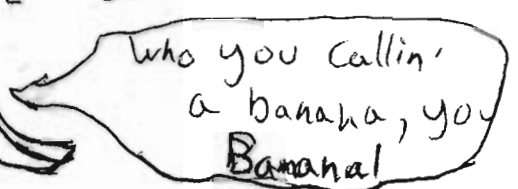
Equipment:

Field Kit, Lunch (big),
1 Water + 1 Sweet Drink = 72 qts.
Raingear.

Dolan Pond is located in West Newton and is a receiver of water from either the Charles River or Cheesecake Brook. It was originally called Banana Pond for a funny or simple reason. Two kids were in a canoe in the middle of the pond and at the time it had no name. One kid said it looked like a Banana and therefore it was originally dubbed Banana Pond.

Did you know that
Moss has Sex in the
Rain? ASK me about it on
Monday.

Flakes for your
Bowl:



Leaders

Jenny (969-2776)

Sarah (965-4602)

Trip #10

July 16, 1996

9 AM - 3 PM

DOLAN POND

Equipment:

Field kit

Boots

Big Lunch

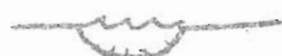
2 Canteens of H₂O

2 pairs of socks

Well we've started to get into the longer trips now to get in shape for good ole Mt. Wash. This would be a trip of the long variety too! Today we're off to Auburndale to find this little pond tucked away in the woods. Make sure you bring lots of water and wear two pairs of socks today, you'll need them. Dolan pond

POND SUCCESSION

1) Bare Bottom



Sandy bottom, no fish, hardly any plants

2) Submerged Vegetation



Some underwater plants (elodea), small fish & other animals

3) Emerging Vegetation



Cattails, purple loosestrife

4) Temporary Pond + Prairie (marsh)

Some of you may already know this, if so you can use it as a review.



is a swampy marsh that was originally part of a farm that belonged to the Dolan Family. In 1979, the City of Newton acquired this 8 acre wetland. When I say that it's swampy, does that mean that it's in the earlier or later stages of pond succession? Besides talking about ponds today we can also talk about the trees and plants in the surrounding area.

Do you remember the stages of forest succession?

QUESTIONS TO PONDER...

- What happens to a pond over time? (hint)
- How does an active farm transform into a pond?
- What's the difference between a pond and a lake?
- What kinds of plants surround a marshy pond area?

Leader: PAM MAHONEY (527-5831)

TRIPSLIP 7

July 12, 1994

Equipment: field kit, notebook, etc, EXTRA WATER (2 QUARTS), A BIG LUNCH, WEAR 2 PAIRS OF SOCKS, AND BRING ~~WATER FOR THE TRIP~~
* BATHING SUIT

Times: 9 to 3 BEWARE THAT THE TRIP ENDS AT 3:00, NOT 2:00!!!!!!

DOLAN POND

Today, we'll be hiking to Dolan Pond, an eight acre wetland in Auburndale. The exciting history: "Dolan Pond was originally part of an active farm owned by the Dolan family. In 1979, the city of Newton acquired the privately owned portions with aid of state funds."

The hike is a super extra long hike, so it is really important to bring lots of water. You should wear 2 pairs of sock in your hiking boots to prevent blisters! Get used to this!

What is a wetland???? Although there is no specific definition, all wetlands have 2 common characteristics:

1. their soil is periodically saturated with or covered by water
2. they contain plants which can tolerate such conditions

NON-TIDAL wetlands occur along streams, lakes, and PONDS. (Tidal wetlands are affected by the tides, like the Kittery marsh)

There are 3 types of non-tidal wetlands:

EMERGENT:

SCRUB SHRUB:

FORESTED:

You will be able to fill in these definitions by the end of the trip. Here's a hint: they relate to the stages of pond/forest succession.

IMPORTANCE OF WETLANDS:

1. sustain thousands of organisms/life forms
2. resting places for migrating birds
3. purify water
4. prevent flooding, erosion

FUN FACTS: 11 million acres of wetlands have been drained for agricultural and real-estate purposes. Question: what do Newton South and Disney World have in common?

THIS WILL BE AN AWESOME TRIP. BY THE WAY, THERE IS A SURPRISE INVOLVED. WE MAY HAVE A SUPER COOL GUEST JOIN US!!!!!!

LEADERS:

JENNY (969-2776)

&

SARAH (965-4602)

TRIPSLIP #10

JULY 15, 1999

9 AM - 3 PM

EQUIPMENT:

BOOTS, BIG LUNCH,
LOTS OF WATER,
FIELD KIT, WEAR
2 PAIRS OF SOCKS



THE PINES

W - WHITE PINE
5 NEEDLES
W H I T E
1 2 3 4 5

V - PITCH PINE
3 NEEDLES
LIKE A PITCHFORK
Y

V - RED PINE
2 NEEDLES
JUST CHASE

FUN FACT

PLASTICS CONSIST
OF 70% OF OUR
WASTE IN LANDFILLS

*** AS YOU'VE PROBABLY NOTICED, OUR TRIPS ARE GETTING LONGER TO PREPARE YOU FOR THE BIG MT. WASHINGTON. IT'S IMPORTANT THAT YOU BRING AT LEAST 2 LITERS OF WATER EACH DAY AND WEAR 2 PAIRS OF SOCKS TO PROTECT YOUR FEET FROM BUSTERS! ☺

DOLAN POND IS A SWAMPY, MARSHY AREA IN AUBURNDALE. IT WAS PART OF AN ACTIVE FARM A LONG TIME AGO. IN 1971 NEWTON ACQUIRED THE LAND THAT WAS ORIGINALLY OWNED BY THE DOLAN FAMILY.

I'M SURE THAT EVERYONE HAS HEARD ABOUT POND AND FOREST SUCCESSION MULTIPLE TIMES SO WHEN WE GET THERE Y'ALL CAN TELL ME WHAT STAGE THE POND(?) IS IN; IF IT'S STILL A POND, THAT IS.

THIS IS A VERY LONG TRIP, BUT DON'T WORRY WE'LL HAVE FUN (AS USUAL) !!



DOLAN POND



This will be one of the first longer trips. Take note that we won't be back till 2:30pm and let anyone know that if it is necessary for them to know what time to pick you up after program. Also be sure to bring more water or fluids because it is a longer trip.

Trip slip #9 leader: Dan T.
(527-2763)

Date: Monday 15 July 1996

Time: 9:00am - 2:30pm

Equipment:

Field Kit, Lunch (big)

Water + 1 Sweet Drink = 729

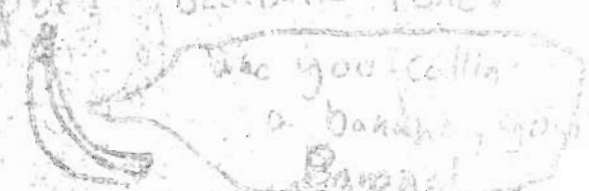
Rain gear.

Dolan Pond is located in West Newton and is a receiver of water from either the Charles River or Cheesecake Brook. It was originally called Banana Pond for a funny or simple reason. Two kids were in a canoe in the middle of the pond and at the time it had no name. One kid said it looked like a Banana and therefore it was originally called Banana Pond.

Flies for your Bowl!
Did you know that Moss has Sex in the Rain? ASK me about it on Monday.



Banana! Ah Ha! Ha!



Are you calling a Banana, you Banana!

DOLAN POND

Trips
July 17, 95

Leader: Kathy 527-3681

Times: 9-3 Equipment: Field kit, Lunch, lots of water, sunblock, wear 2 layers of socks

This is a good long walk and it will be important to keep drinking water.

Dolan Pond, once owned by the Dolan Family was a farm at one point. Newton, with the help of state aid funds, got the privately owned parts in 1979.

What is eutrophication? Pond succession occurs at an unnaturally accelerated rate due to a large amount of phosphates in the pond.

Rainforests cover 40% of the earth's surface and contain 2/3 of 4.5 million plant & animal species. That's a lot of species.

What is pond succession? What will eventually happen to Dolan Pond?

The stages of Pond succession...

Bare bottom:



Submerging vegetation:



Emerging vegetation:



marsh:



humus: a layer of dead plants and fish at the bottom of the pond, containing nutrients for new vegetation.

Time; 9:00-3:00

Leaders: Allan Telio
(527-3631)
Agatha Clancy
969-7407

Equipment list:

Boots, lunch (Big one),

H₂O (lot of it)

2 pairs of socks,

\$ for 

Allan Telio
Trip slip #8
July 12 1993

Rosa

We have started to take longer trips to get in shape for the Big M+W. This a long trip so bring extra water. Wear two pairs of socks to protect your feet from blisters.

Doland pond is a swampy and marsh area in Auburndale. It was originally part of an a farm owned by the Doland Family. In 1979 Newton aquired the 8 acres of wetland.

What is the difference between a pond + a lake?

What happen to a pond as it ages?

This is what happens.

Pond Succession



Bare bottom



Submerged vegetation



emerging vegetation



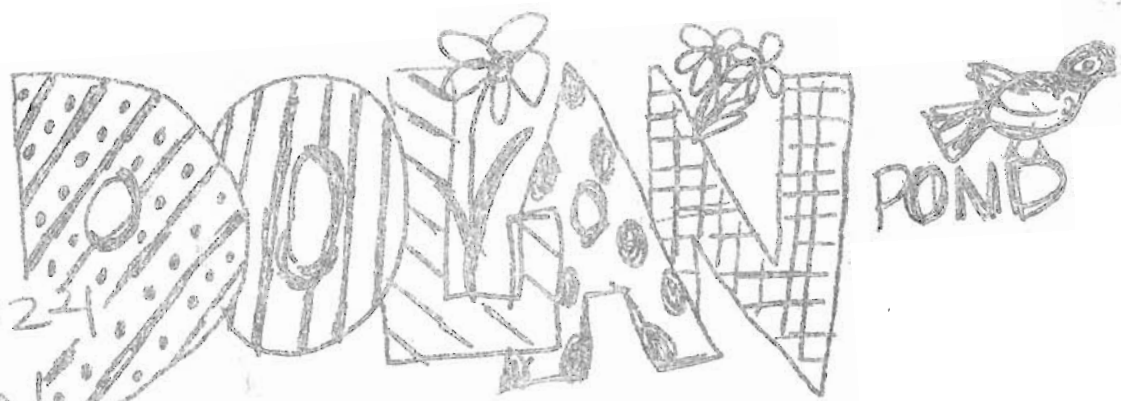
Temporary Pond and stage

Trip Slip # 11
July 17, 1990

Jennifer 332-7724

9:00-3:00

equipment - field kit, 2 pairs of socks, lots of water,
hiking boots, money for ice cream.



Is a small wooded area near West Newton.

You as a group will navigate and hopefully
be successful at finding the area.

You need to wear two pairs of socks in
preparation for the mountains. They will help
eliminate blisters by reducing friction. This
will be useful to you on the mountains.

At Dolan Pond there will be many species
of birds around the 3 lake areas. The 3
lakes will be in different stages in part

... all by now!

TIMES: 9 AM - 3 PM

Leaders: Rachel 352-5932
+ Gordon 244-9304

Dolan Pond

EQUIPMENT: WATER

- Field kit
- Snack
- Sunblock
- Happy face
- Lunch
- 2 prs o' socks
- Ice cream
- + spoons

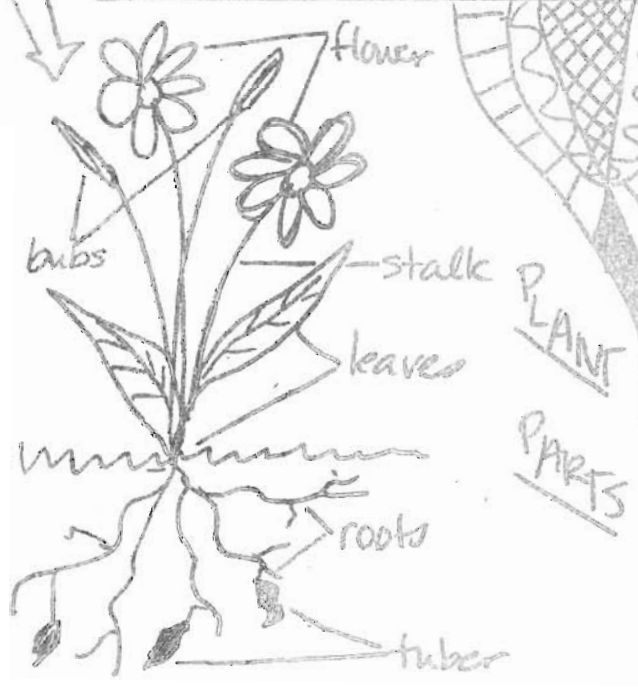


Dolan Pond was originally part of an active farm owned by the Dolan family. In 1999, the city of Newton acquired the privately owned portions with the aid of state funds.

Dolan Pond is a relatively new E.S.P. trip. This is only the 2nd time it has been attempted, and trusty it shall be an adventure and a ~~SURPRISE~~. What we do know is that it is a very LONG trip... I hope you guys pick the shortest route!!!

IF YOU DON'T BRING EXTRA H₂O, YOU MAY GET SUN STROKE OR, MORE LIKELY, HEAT EXHAUSTION. THAT WOULD BE BAD. SYMPTOMS: Dizziness, profuse sweating, flushed complexion, nausea, & perhaps fainting. So DRINK UP!!

What purpose do all these parts have?



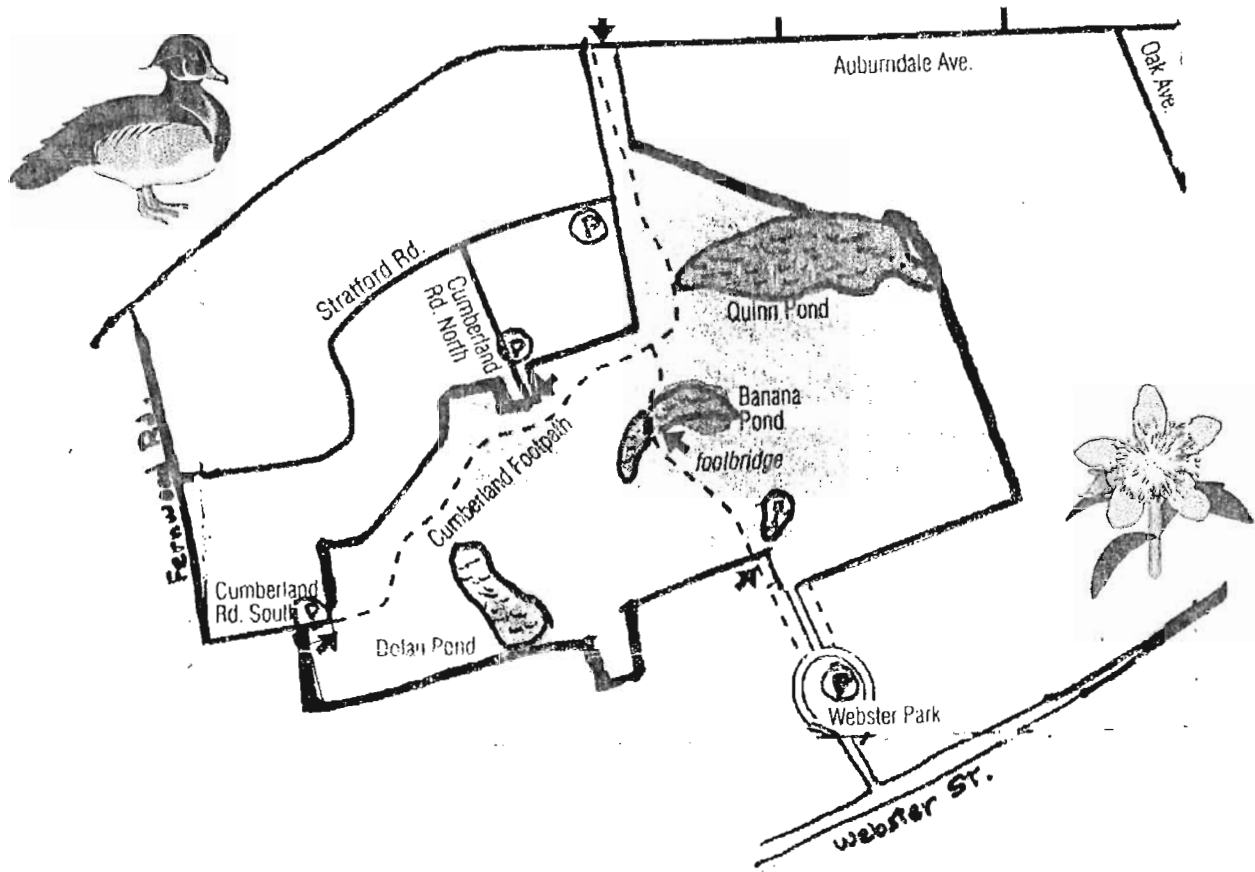
Flakes for your bowl:

- What is the difference between a POND and a LAKE?
- What is ZONATION?
- What are the stages of POND SUCCESSION?
- How far away is DOLAN POND?

Dolan Pond Conservation Area

West Newton, MA

A 1995 naturalist's resource survey report concluded that Dolan Pond Conservation Area provides unique habitat for both wildlife and a variety of plant species that are rare within the City of Newton. Although only 8 acres in extent, the area provides a mosaic of environmental conditions that encourages biological diversity. Included among the plant species of special significance found growing in the area are netted chain fern, Atlantic white cedar, round leaved sundew, swamp milkweed, poison sumac, and cotton grass. Although the majority of the conservation area is dominated by red maple swamp, the interspersed open water, scrub/shrub thickets and wet meadow/vegetated swales provides for a rich wildlife habitat. Wading birds such as green heron, waterfowl (e.g. mallards, wood duck, and green winged teal) and many species of warblers have been observed at Dolan Pond Conservation Area. Aquatic areas provide habitat for amphibians and snakes. The 1995 report stated that Dolan Pond was a "very special jewel with the City of Newton's open space system."



Dolan Pond consists of 8 acres of wetlands traversed by paths and footbridges, and is ideal for walking, bird watching, nature study, and ice skating (Quinn/Dolan Ponds are quite shallow allowing quick freeze-over in season). It is managed by the Newton Conservation Commission (contact Martha Horn, City Environmental Planner at City Hall Planning Dept.). In 1979, the city acquired the privately owned portions with aid of state funds. The area was destined for housing plots. There are entrances to paths from Auburndale Ave, Stratford Rd, Cumberland Rd (North/South), and Webster Park. Many commercial street maps incorrectly show streets running through the area! Parking is available on Webster Park, Cumberland Rd. and Stratford Rd.

Dolan Pond Conservation Area has 4 Ponds: Dolan Pond (western part formerly owned by Charles Dolan), Quinn Pond (eastern end formerly owned by Catherine Quinn, sometimes called "Secret Pond"), Banana Pond (the central pond with a footbridge; it's shaped like a banana and is the deepest of the ponds), and Irene's Pond (a small pond to the right when entering from Webster Park).

Over 130 species of birds have been observed at Dolan Pond (including prothonotary warbler, worm-eating warbler, louisiana waterthrush, long-billed dowitcher, ruffed grouse, and white-eyed vireo). Over 25 different species have nested here. A wood duck nesting program was begun in the fall of 1998 (2 each on Quinn and Dolan, 1 on Banana). The area supports one of the largest coyote populations in Newton. Nearby residents are advised to keep cats and small dogs in at night. As part of the Newton Pride Wildflower Initiative, native wildflowers have been planted including marsh marigold, blue-flag iris, cardinal flower, new england aster, blue vervain, swamp milkweed, monkey flower, jacobs's ladder, and obedient plant. Local citizens, teachers, students, and parents have been involved in wood chipping the paths, wildflower plantings, weed-removal, cleanup day, bird/nature walks, nestbox programs, and signage.

For further info please contact Friends of Dolan Pond (969-6222, DolanPond@aol.com, <http://dolanpond.8m.com>)

Yipee skipee! We are going to Dolan Pond!
 Today we are going to hike to Dolan Pond, an
 8 acre wetland in Auburndale. Some of you
 returning students might remember going
 to Dolan Pond for clean up day... anyways,
 Dolan Pond is a cool and special habitat
 for wildlife and scarce plants.

lamest picture of a
 ↓ wolf/fox you will
 ever see!



why wetlands
 are important:
 1) sustains many
 life forms
 2) resting place
 for migrating
 birds



Leaders: Amelia (244-8936)
 Times: 9-3 meet @ Brown
 Equipment: Hiking boots, backpack, Julie (964-7248)
 Much water, a big yummy lunch, a framed
 copy of the Declaration of Independence.

At Dolan
 Pond, there
 might live some
 foxes and wolves,
 like the thing
 pictured above.
 Also, there are
 many rare birds and
 plant species that grow
 in Dolan Pond that



Some different
 trees in the
 area

3) Purify water
 4) Prevent
 flooding/cross

What makes
 wetland?

1) Soil is periodically
 covered by water
 2) they contain
 plants that
 live in the water

See You Tomorrow

Dolan Pond

Trip slip #14
July 21, 2004
9AM - 4PM
Brown M.S.

Leaders: Nate "Sir Frankie Gisp" Kaufman
(617) 796-7762

Equipment: Hiking boots, lunch, water, field kit,
money for Nate since it's his last walking
trip as an E&P leader. kthx.

DOLAN POND!? Are you serious?! The answer is yes, yes I am serious. That's right, folks. It's your last regular old walking trip of the season. But it's a gosh darn long one. SO GET READY! AS for the pond itself, it is an 8-acre wetland in Auburndale. We actually cleaned up the area around it on cleanup day my first year as a student. The pond is home to a very diverse array of plants that you can't find anywhere else in Newton. Why? Because wetlands are the most diverse terrestrial biome, able to support plants and wildlife that can't be found in any other biome (case 1: the wetland salt marshes at Kittery. Member those?). Good times.



TRIVIA QUESTION OF THE DAY:

What was Montezuma's Aztec name?

LEADERS:

JENNY (969-2776)

SARAH (965-4602)

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