

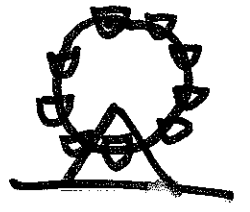
917-244-0448  
Dustin checks in "McEllen"  
"I wish I was  
LGBT: Mike"

Chris-Lee Palmerino "Mike"  
doesn't know where my laptop  
goes. 917-242-0314

Meet at: Brown Middle  
SCHOOL

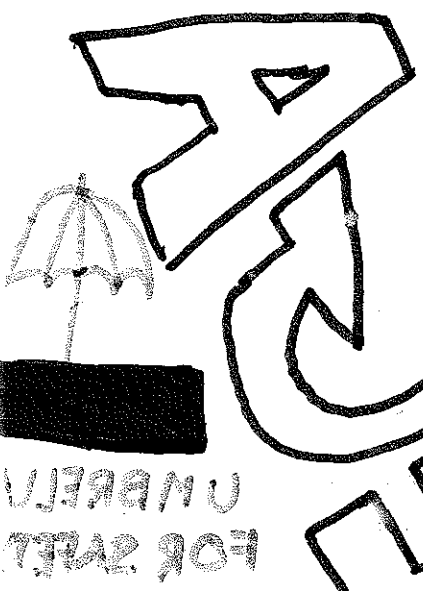
Times: 9-11  
What to bring:  
Dorback, water,  
lunch, rain gear,  
boots, first aid

I can be  
found at  
Normando



# BEFORE

Be sure to bring lots of food.  
The most difficult thing is  
once I know because this is  
hard + necessary. We're it  
program for 3 years and  
that's the best with the  
trip. It's the best  
know this is the best  
we're doing (how do  
also provide with  
at least one and  
but that is a whole  
(besides Valden  
entire program  
trip in the  
the hardest  
is probably  
narrower than  
well size &



UMBRELLA  
FOR RAIN

Trip slip # 13

my favorite number for future reference

Monday, July 24<sup>th</sup>, '06

# Norumbega

## Leaders:

Chris Leo Palermo 617 926 0319

Mike McLellan 617 244 0998

Meet at Brown, 9-4

Bring: Boots, TONS of water, sunscreen, daypack, lunch, raingear



Norumbega circa 1961

So folks, welcome to the second to last day of walking trips! Today we will be enroute to one of the farthest trips on ~~ESP~~-Norumbega. But, don't fret because we will definitely beat the heat and the miles of walking and find our way to Norumbega in a jiffy.

What is Norumbega, you ask? Well, it's an amusement park with tons of antique rides - Oh, you meant what is it now? Yep, 45 years ago the conservation land we will definitely end up standing on was once an AMUSEMENT PARK before it burned to the ground \*cue tears\* Back in the day, way before the lifetime of you or I, Norumbega was among the Lakes District of the Charles (well, that part is still true today) and this magnificent part of the Charles was the most canoed in the WORLD. Crazy, huh?

This program must comply with the regulations of the MA health department and must be licensed by the Newton Health Department.

In case of emergency, your child will be brought to Newton-Wellesley 617 243 6000

# Norumbega!

Leaders: Jeff Huenemoerder (617-332-9506)

Date/Time: 7/21/04, 9am-4pm

Location: Brown Middle School

Bring: Boots, water (a lot), sunscreen, food, day pack



Dogs Grandfather  
living in  
Norumbega

Well, here we go. The last day of walking trips, then onto the mountain sequence. Also, Norumbega is the longest of the walking trips here at the program, and is known for nobody ever reaching it. Except for us. We will make it. The good thing about Norumbega is that it is home to an amusement park, with rides and food for all. But by is home to, I actually meant was. The park was burnt down by "Mr Fire", aka normal fire. So, all we have to do is walk fast enough that we go back in time to 1962, prevent the fire, wait around for 42 years, then go on the amusement park. Or we could go to the amusement park and then wait. But I bet the rides would be a lot better now than way long ago.



This program must comply with the regulations of the MA health department, and must be licensed by the city of Newton health department

In case of emergency your child will be brought to Newton-Wellesley Hospital 617-243-6000

TRIPSLIP #13

JULY 20, 2005

9AM - 4PM

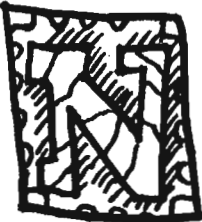
MEET @ BROWN

# NORUMBEGA

Leaders: Nate "Cotton Candy" Kaufman (617) 969-4144

Garrett "Peanuts! Get your peanuts!" Solomon (617) 332-1362

Equipment: Lots of water, big lunch, field kit, boots, sunblock, stretch limo with robo-chauffeur, about \$10 if you want to buy a snack



ONCE UPON A TIME...

**NORUMBEGA!** The very last walking trip of the month before the mountain sequence! And you know what that means! It's a really really long trip. But does this mean sad or boring? No, of course not! It will be oodles of fun! We will have great conversations, play great games, and get really close as a group! (Not too close.)



Hey, folks! If it were still 1961, we could go to the awesome amusement park that's at Norumbega. But unfortunately it burned to the ground in 1962 and they put up a Marriott a few years later. Shame! How do you think this affected the ecology around the Charles River (the amusement park, that is)?

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.

Trip slip #14

Leaders: Julie (67-964-7248)

7/24/01

Place: Brown  
Time: 8:30-4:00

Equipment: Boots  
Field kit  
Big lunch  
A lot of water  
some money  
you may want to wear  
two pairs of socks.

# NORUMBEGA

(A.K.A The Longest Trip)

Today we are walking to Norumbega. In the early 1900's Norumbega Park was an amusement park. Now it is a large conservation area where people walk their dogs and enjoy nature. The conservation land is not cleaned by the city, so all the dogs doing their thing is a problem. How can dogs doin' their thing effect the conservation area? Anywayz, this is a very long trip, so it may be wise to wear two layers of socks. This will keep your feet from getting blisters. This will be our last walking trip before we start the mountain sequence. This trip will definitely build up our muscles for the mountains.

Maybe while we are in Norumbega we can identify some more plants. This will also be a review of some stuff we learned this summer. so here is how we identify and classify animals and plants:

Kingdom - Phylum - CLASS - ORDER - Family - Genus - Species  
KINGDOM PHYLUM CLASS ORDER FAMILY GENUS SPECIES

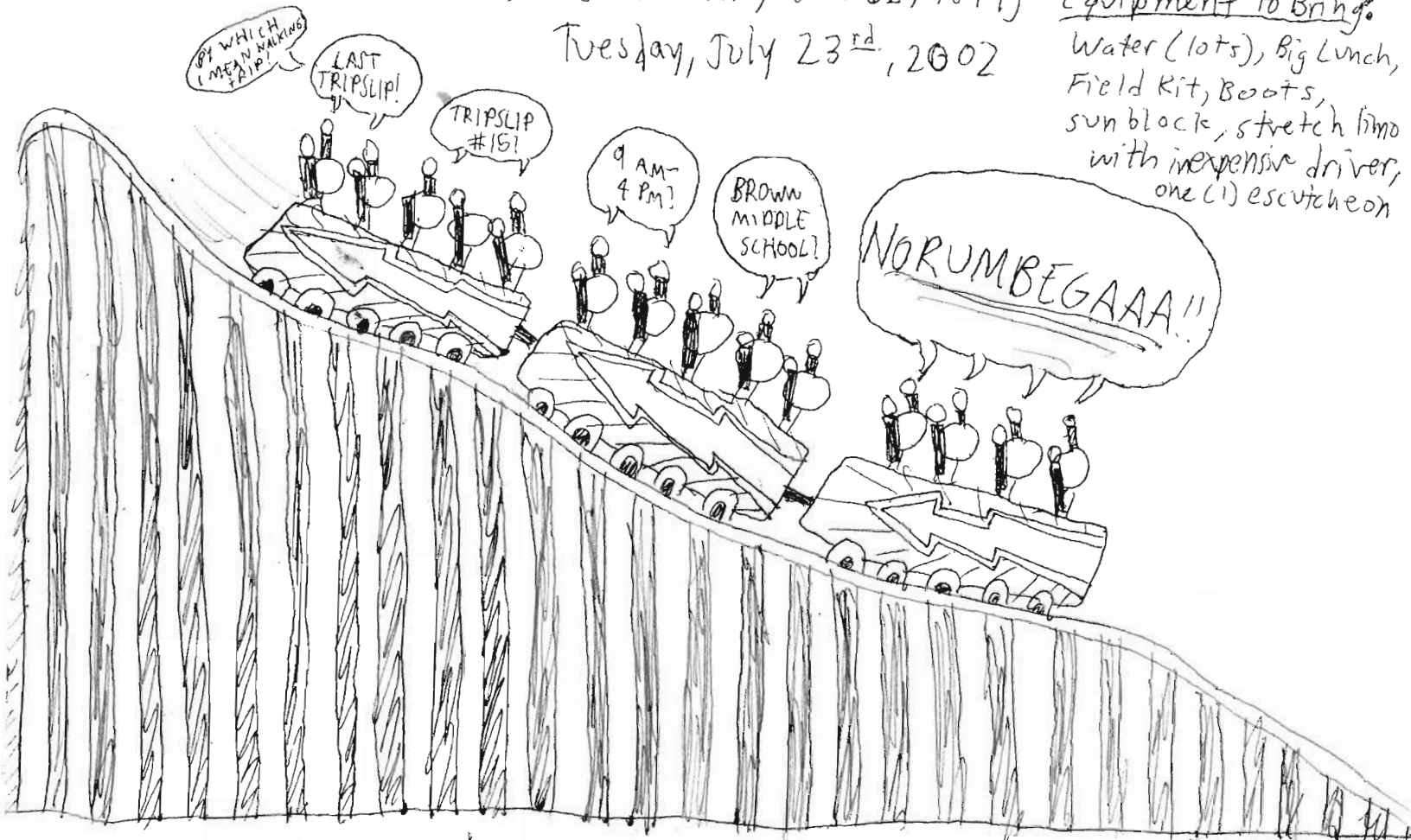
THIS is a cool way to remember the order

Joey Becker (617-989-0288)

Jon Rivnay (617-527-1849)

Tuesday, July 23<sup>rd</sup>, 2002

Equipment to Bring:  
Water (lots), Big Lunch,  
Field Kit, Boots,  
sun block, stretch limo  
with inexpensive driver,  
one (1) escutcheon



Well, you have successfully reached the end

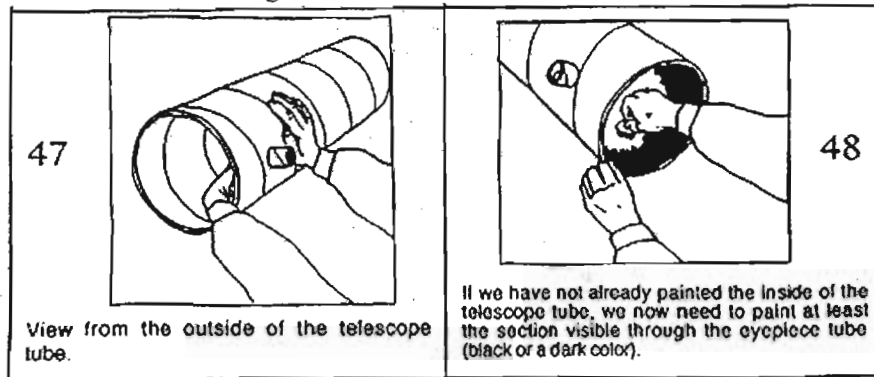
of the Walking Trip Sequence. Now we will embark on our last journey before the brutally taxing Mountains.

Our trip today is to an amusement park - that's right: with roller coasters (see above) and ferris wheels and dragons and tea parties and such! I've been looking forward to it for a while; unfortunately, it burned to the ground in 1962. Maybe next time.

Instead we'll be going to the park and woods to look at how its proximity to Man's Creations (Marriot, Route 128) affect the natural ecosystems.



It's like drawing concentric circles on the vertex of a cube.



I prefer using a dark color.

This trip slip conveniently printed on melon slice paper... ha, no, still white.  
{look for other colors to appear on future trip slips, courtesy of Kinko's}

Today and/or tomorrow's trip (depending on when you read this):

# NORUMBEGA.

A SLICE OF HEAVEN, REALLY FAR AWAY.

## Pertinent Information:

Ts# (trip slip number): 15

D|t (date and times): July 23, 2002 | 9am-4pm

Ml (meeting location): Brown middle school

L (leader): Jonathan Rivnay {617.527.1849} & Joey Baker {617.769.0288}

vEq (various equipment): Hiking Boots, lots of Water, huge Lunch, Field Kit (Raingear, First Aid, etc.), and some good extra food for your leader.

## Informational Haikus {i5|7|5}:

Viking Colony  
Norumbega towers built.  
They still stand today

Long, very long trip  
prepare for mountain sequence  
ouch, my feet hurt much.

a place for dancing  
amusement park, young couples  
closed and then burned down

So many leaf shapes.  
So many types of arbol's  
This place has it all.

## Boston.com predicts:

Tuesday,  
July 23, 2002



p. cloudy  
H91 / L67

Hazy, hot, and humid.  
Chance of thunderstorms  
Tuesday afternoon. Highs  
88 to 93.

My conclusion: Sounds hot  
just reading this. Bring a  
ton of water.

LEADER:  
THE ONE AND ONLY  
JENNY (969-2776)

EQUIPMENT: BOOTS, FIELD KIT, DAYPACK,  
BIG LUNCH & LOTS OF WATER  
WEAR TWO PAIRS OF SOCKS

TRIP SLIP # 15  
JULY 21<sup>ST</sup> 1998  
TIMES: 9AM -  
3PM

OPTIONAL: \$ FOR ICE CREAM OR  
SLUSH

MEET AT: BROWN

# NORUMBEGA



"I AM A TREE,  
BUT WHAT MAKES  
ME, ME??"

THE CRITERIA FOR BEING A TREE ARE:

- ① HAVING A TRUNK AT LEAST 3 INCHES IN DIAMETER
- ② BE AT LEAST 13 FT TALL
- ③ MUST HAVE A WOODY STEM
- ④ BE ABLE TO STAND ON ITS OWN

SOME MAIN PARTS OF A TREE ARE: THE BRANCHES, CROWN, ROOTS, LEAVES, AND BARK WHICH PARTS ARE WHICH??

SO, THIS IS OUR LAST WALKING TRIP IN NEWTON, WOW! I HOPE YOU'RE ALL READY FOR THE MOUNTAIN SEQUENCE. WE'RE OFF TO NORUMBEGA WHICH IS A COOL PLACE WITH LOTS OF COOL HISTORY. IT USED TO BE AN AMUSEMENT PARK AND ALSO A BALLROOM. IT WAS FIRST DISCOVERED AND SETTLED BY THE WIKINGS WHO BUILT TOWERS THERE, SOME OF WHICH STILL REMAIN. IT WAS THEN TAKEN OVER AND NAMED BY AN INDIAN TRIBE.

## THE PINES

∨  
RED PINE

∨  
PITCH PINE

∨∨  
WHITE PINE

WHAT IS THE DIFFERENCE BETWEEN A MONOCOT + DICOT

OKAY, YOU KNOW ABOUT THE STAGES OF POND SUCCESSION, BUT DO YOU KNOW THE STAGES OF FOREST SUCCESSION? THEY ARE:

- ① PIONEER - TREES THAT GROW EASILY AND QUICKLY LIKE BIRCHES, POPLARS, & SUMACS
- ② MIDSTAGE - LARGER TREES BEGIN TO TAKE OVER LIKE MAPLES, PINES AND FIRS
- ③ CLIMAX - DOMINANT TREES PREVAIL. THERE IS NOT MUCH VEGETATION ON THE FOREST FLOOR - BEECHES, OAKS, + SPRUCES
- ④ DYING STAGE - EVERYTHING BEGINS TO DRY OUT AND DIE - THIS IS WHEN FOREST FIRES START!



# NORUMBEGA

Trip slip # 11  
July 16, 1997  
Times 9am-3pm

Leader:

Sarah Northrup  
965-4602

Equipment: Lunch, Field kit,  
Big Lunch, 2 canisters of H<sub>2</sub>O,

Boots, 2 pairs of socks... oh and maybe \$ just  
in case we might stop for ice cream (maybe)

Alright gang, this is a super long trip and  
those mapping skills are going to come in handy  
because depending on which route you choose  
the distance will be between 11 and 16 miles.  
(this is why 2 pairs of socks is important...)

What is Norumbega?

Well the history of

Norumbega begins a very  
long time ago... The Vikings

built towers here many  
years ago. Then moving to  
more recent times it used  
to be an amusement park.

There was a curbing and  
a big ballroom called  
the Totem Pole Ballroom.

This was the cool place  
to hang out a long time  
ago (but not as long ago  
as the Vikings)

get lots  
of sleep  
before this  
trip, it's  
going to be  
a long day.  
But it will  
be lots of  
fun :)

Gordon Robble #11  
 244-9304 Dan O  
 7/18/44 244-5023

Went off to

# NORUMBEGA

so follow the yellow brick road  
 follow the yellow brick road? Yay!

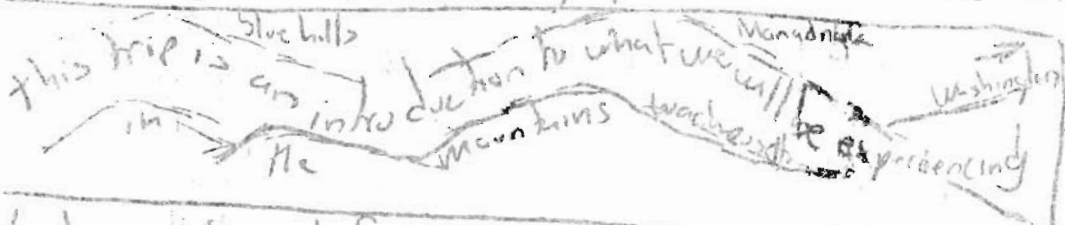
9AM-3PM!  
 This is a long trip!



Equipment:  
 BEGG!  
 Lunch  
 2 Canteens  
 2 pr. Socks  
 field kit  
 maybe a little  
 x-hair

This 13 acre park has many of the most historic spots and old too, as well as some of the most beautiful sights in Newton. The scenic view it has over the Charles river attracted visitors of the North many, many years ago. In fact these people the Vikings formed a colony here and built the Norumbega towers which still stand, and perhaps will see them. Then a little later, too late for the Vikings to have any fun, actually 1897, it was turned into a fancy little park, which included the famous Tuttle Ballroom and an amusement park, which unfortunately burned down. Because of its history, Norumbega is an excellent place to observe Forest Succession. Any guesses as what stage it's in?

many little pine trees like  
 Because this is such a ~~boooooooring~~ trip (11 or 16 miles depending on the route we take), Dan O. and I will have plenty of time to teach, so to give you a little preview look man a pre-view. We will talk about why you have to wear 2 pairs of socks in order to cut down on the friction (ahh, ahhh) between your foot and the boots. We will talk about the weird and wonderful way a man named Linnaeus developed Taxonomy, a way to classify plants and animals. Remember this: by this



- |                               |         |
|-------------------------------|---------|
| Kingdom                       | King    |
| Phylum                        | Phillip |
| Class                         | Carne   |
| Order                         | Over    |
| Family                        | Four    |
| Genus                         | Germany |
| Species                       | Smiling |
| i.e. <u>S</u> <u>G</u>        |         |
| <i>Canis familiaris</i> (dog) |         |

Lichens - algae and fungus can you name other symbiotic relationships - helping or harming.

"The earth was small, light blue, and so touching alone, our home that must be defended like a holy relic."  
 Atalaci Leonov USSR

# NORUMBEGA

Trip slip #11

Leader: He's everyone's friend. That is right folks it's

Allan (969-4057)

Equipment: two bottles of water, field kit a big fat lunch  
and lots of water and two pairs of socks.

Time: 9:00-3:00



*Yippee! I'm going to walk  
until my feet fall off.  
Ya!*

This is one of the longest trips that we will be going on. This week we will be going on many long trips in order to become huge and Arnoldish for the mountains. Since this is such a long trip it is very important to wear two pairs of socks and your hiking boots in order to avoid blisters.

Does anybody know about the history of this place named Norumbega. Many years ago, before you or I were born, Vikings made a colony there. Norumbega Towers, which were built by those hairy men, still stands. In more recent history it has been used as an amusement park and other fun things.

Now let do some learning. Does anyone know anything about Forest Succession? I did not think do.

1) Pioneer Stage: Trees that grow easily and quickly such as birch, poplar and sumac.

2) Midstage: Larger trees begin to over like maples, pines and firs.

3) Climax Stage: The final stage is when dominant trees prevail. Beeches, oaks and spruce just to name few.

Leaders: Dan Thomas  
(527-2763)  
Jenny Casavant

# NORUMBEGA

Date: 17 July 95

Time: 9am - 3pm

Equipment: Field Kit,  
hiking boots, wear  
2 pairs of socks,  
2 Quarts of fluids  
(1 water, 1 sweet)  
1.5 liter lemonade

Big Lunch.

The walk to Norumbega is a long one. Or at least it can be if you the student pick a poor way to go. Check out a Map before hand and try to figure out the most direct route. (HINT: Direct does not mean use only one street)

Norumbega used to be an amusement park on the weekends. People from all over would come to it to get away from the big city. The place was crowded with cones and people from the 1920's to the 1950's.

There are lots of Trees at Norumbega. Do you know what the difference is between an Evergreen and a Deciduous?

Do you know what happens when a plant (like purple loosestrife) is brought to an area where it doesn't naturally grow? This is happening with two types of trees on the Charles River

Norumbega was THE place for people to come and get away and relax. Why do you think it closed? What could have possibly caused this place to be shut down? (Think about it)

Leaders:

Dan Thomases

527-2763

Kathy Thorp

527-3681

# NORUMBEGA

July 13<sup>th</sup> 1994

9am - 3pm  
Trip Slip # 8

Equipment.

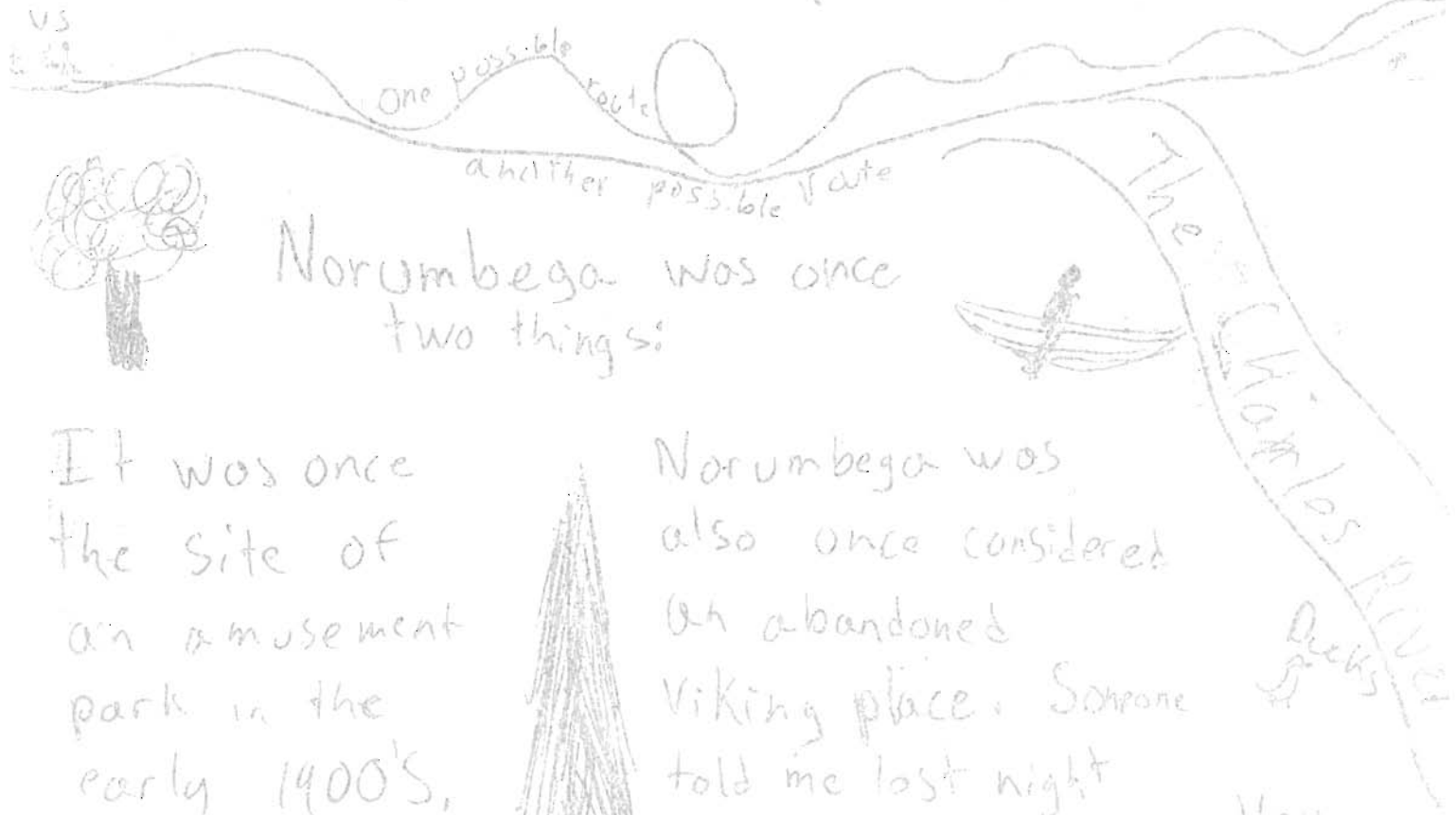
1 Field Kit,

2 pairs of Socks LUNCH,

2 Canteen;

1 water, 1 something

Norumbega is a looong trip, that's where the socks and the extra liquids come in.



Norumbega was once two things:

It was once the site of an amusement park in the early 1900's, ~~now~~ Now that it is deserted exciting plants and stuff are growing over the vacant lot,



Norumbega was also once considered an abandoned Viking place. Someone told me last night that it was built or funded by some College kids.



Hey were going canoeing tomorrow Do you know how to canoe

COOL DUDE LIKE RIGHTEOUS TRIP  
 NORUMBEGA  
 A LIVE FROM IT WAS PINK!

THE time: 9 toh 3

the Date (frig.): July 19th

leaders: Allan TELPO ("no comment")  
 (969-4057)

Stacy (the "mime")  
 (965-4988)

Equipment: 2 pairs o' socks  
 lots ah watah  
 one grande lunche (sr)  
 "no'e"  
 field kit  
 Sun tan lotion  
 lots o' cash to payoff  
 "no comment" r "mime"



THIS IS A LOOONNNNGG TRIP... SO BE PREPARED  
 (to duck like a chicken. Moo.)

el grande History (2 ah)

Um, the Vikings, a really long time ago made a colony (that should be "colony") at Norumbega. The towers which those silly Vikings made still stand to this very day. (and at night they sit down. Oy.)

It also used to be an amusement park until it was closed + burned to the ground. Bummer.

FOREST SUCCESSION  
 (Wass dat?)

Stage Uno - Pioneer Stage  
 Trees that will grow fast + easily, such as the BIRCH + SUMAC.

Stage duo - Mid Stage  
 Larger trees begin to integrate w/ the smaller trees. MAPLES, PINES + FIRS become more common.

Stage a la climax - Climax Stage  
 Final stage when dominant trees prevail like BEECHS, OAK, + SPRUCE



WRITTEN BY Selio  
 DICTATED BY AJT.  
 (the Dictator)

July 16, 1990  
Times: 9 AM - 3 PM  
ANNA DOHERTY 965-3815

PLEASE BRING: field kit, two (2) canteens, two (2) pairs of socks, a big, big lunch and various field guides and important test kits... that's all folks!!

Norumbega trip  
please be prepared for a scorcher of a day. It's going to be extremely hot!

Exactly where is Norumbega? Very far away from South Today it is important to be careful when deciding on a route to take. If you are not careful, we may end up walking 16 miles instead of 11. Because it is such a long hike, most of what you will be learning will be taught on the way. Get used to walking, talking, and listening at the same time!

Questions to think about:

- 1) What did Norumbega used to be?
- 2) What stage of forest succession is Norumbega in RIGHT NOW?
- 3) Why is it so important to wear 2 pairs of socks?

Keep up the recycling! ♻️ ♻️

Things to always remember:  
1) What poison ivy looks like!  
2) How to tell oak trees apart.  
3) How to identify pine trees.  
4) How to distinguish between yarrow and Queen Anne's Lace.  
Is everyone getting ready for the Blue hills? This Friday!!

July 15, 1968

leader: Jonathan Arntz

bring: you

your field kit

make sure you bring two canteens



Norumbega is a reasonably long trip, this is because we are preparing you for the mountain trips. Norumbega being in industrial surroundings is poorly cared for.

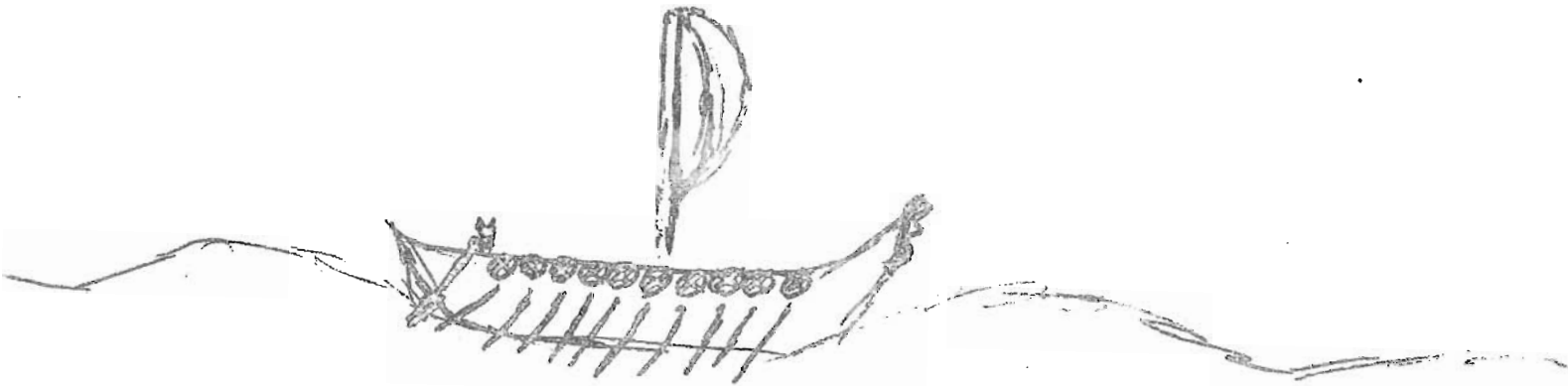
We will see Norumbega tower this is where the Viking had an colony.

questions: How can we help Norumbega to clean up?  
What has the industrial surroundings done to Norumbega?

we will also learn about hiking.

What is the difference between the area near the river and the area up on the ridge?

Some interesting information about the Norumbega it ones was an amusement park. The theme of the park was canoeing, all that is left is the canoe servis.







# NORUMBEGA

Trip slip: #10

Date: July 15, 1991

Times: 9AM - 3PM

Leader: Eiling 965-5698

Equipment: field kit, BIG lunch,  
2 canteens, 2 pair socks

## DID YOU KNOW.....

The atmosphere acts like a greenhouse! The earth's atmosphere admits solar radiation from the sun. When the solar waves are absorbed by the earth's surface, they are re-radiated as longer heat waves most of which can't escape the atmosphere.



Depending on the route that you guys decide to take, this trip can take anywhere from 11 - 16 miles, so you all should plan our route carefully! It is a long hike, (thus the extended day) but it will help us get in good shape for the

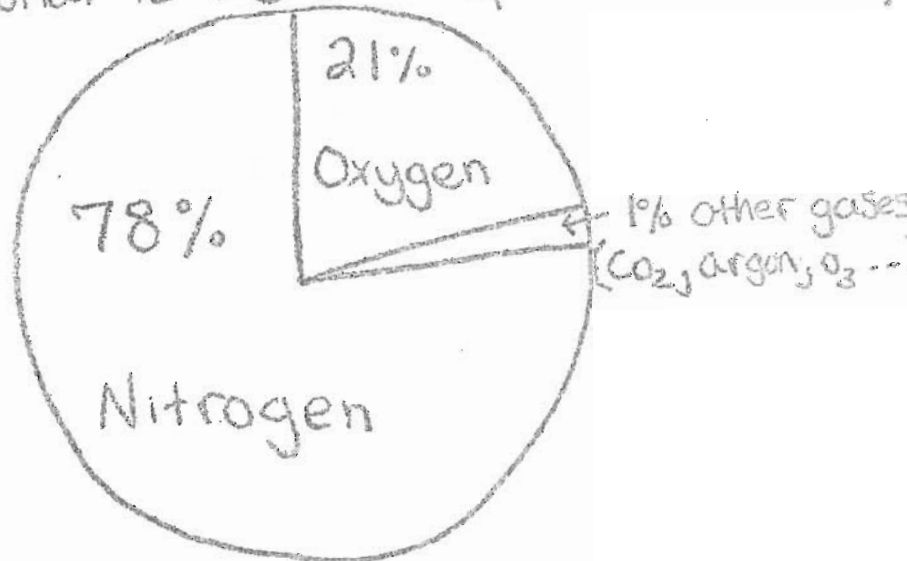
## Mountains.

On long hikes, or anytime you are doing a lot of exercise, it's important to drink plenty of water to prevent dehydration. You lose a lot more water through sweat than you realize.

Don't wait till you are thirsty -- Drink up!



What is the atmosphere made of?



Trip slip #9 \_\_\_\_\_ Norumbega \_\_\_\_\_ July 16, 1992

Leaders: Daniel Ordorica (244-5023)

Rachel Kuller (332-5932)

Time: 9am-~~2~~<sub>3</sub>pm

Equipment: Field kit, Boots, Lunch

Norumbega was once a great amuzement park in Auburndale. Now it has been taken down and the Marriot has been built on some of the land. Some of the land has also been turned into a great place to find different plants in one area.

The structure of a leaf is quite interesting. If one was to look at a leaf, one would see the many components that make up the leaf. For example, look at Larry the Leafman-



You can see the mid-rib (the center-most vein), the lobes (the parts of the leaf the stick out) and the sinuses (the gaps between the lobes). If one looks very carefully at the bottom of a leaf, or rubs it with ones fingers, one can also see/feel tiny hairs on the bottom.

#9

TIMES: 9AM - 3PM

Leaders: Rachel  
332-5932 ← Dan O.

We're off to that treasure  
trove of the environment,

# NORUMBEGA

17 July 1992

EQUIPMENT:

- Field Kit
- Big lunch
- 2 Canteens
- 2 pr. socks

All right guys, it's time to pick up the pace and start reving up for next week's start to the MOUNTAIN SEQUENCE. In this train of thought, we are heading off to Norumbega, which is a hefty 11 to 16 miles round trip, depending on which route YOU pick.

LICHENS, as you probably remember, are actually colonies of algae + fungi living together. Since they help each other out, their relationship is referred to as ① SYMBIOTIC MUTUALISM.

Other relationships:

② PARASITISM... one member of the relationship benefits; the other suffers.

③ COMMENSALISM... one benefits while the other is completely unaffected

④ COMPETITION... both members struggle usually at the detriment of both.

FERNS have been growing since the Upper Devonian, which is about 300 million years ago.

Ferns reproduce with SPORES; each fern may produce more than 50,000,000 spores!

Flakes for your bowl:

"Great fleas have little fleas upon their backs to bite 'em,  
And little fleas have lesser fleas,  
and so ad infinitum.  
And the great fleas themselves,  
in turn, have greater fleas to go on;  
While these again have  
greater still,  
and greater still, and so on."

by Augustus DeMorgan -  
from *A Budget of Paradoxes*

What are some examples of each type of relationship?

- ① \_\_\_\_\_
- ② \_\_\_\_\_
- ③ \_\_\_\_\_
- ④ \_\_\_\_\_

# Norumbega

Leaders: me and Alan  
 meet at: South  
 TIMES: 9am-3pm

Stacy's tripslip  
 # 13  
 July 19, 1993  
 (my phone # - 965-4988)

Equipment: Boots, Big lunch, 2 pairs of socks, 2 water bottles, field kit & day pack, bug repellent.

This is a loong hiking trip. The purpose is to get in shape for the mountains! which are very soon. So to get routes you could do some exercise. There are two different routes and one of 16 miles. So choose one that would take 17 miles. So choose well.

Norumbega was once the site of an amusement park. People liked to dance and canoe there.



Norumbega was also the site of a Viking colony for a while. We'll be able to see the Norumbega towers, which the Vikings built. Besides sweating and getting ready for the mountains, we'll continue to identify plants. Yay! Also we'll be going over the stages of forest succession. Which stage of forest succession do you think Norumbega is in?

Stages - forest succession  
 see if you can fill in the types of trees which belong in each stage:

1. Pioneer
2. Midstage
3. Climax
4. Dying Stage





(This is a LONG hiking trip! Be prepared).

Leaders: Pam Mahoney  
(527-5831)  
Molly Smith  
(965-1979)

Equipment: 2 pairs of socks, A LOT of water, BIG lunches, field kit

DATE: July 16, 1993  
TIME: 9 - 3pm

### HISTORY OF NORUMBEGA:

The Vikings made a colony here for a while. Norumbega Towers, which the Vikings built, still stands today.

Also, Norumbega has been used as an amusement park. It was a popular place for young couples to go and dance, until it was closed and <sup>then</sup> burned down.

The long trips are finally starting in preparation for THE MOUNTAIN SEQUENCE! This will be an 11-16 mile hike, depending on the route you choose. "choose wisely!"

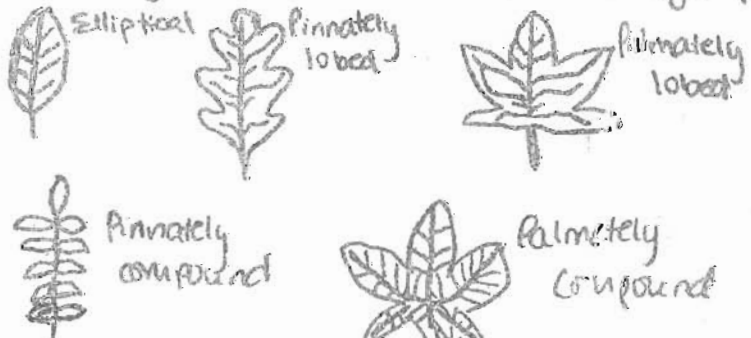
Do you know what TAXONOMY is? No, it has nothing to do with taxes. It is the system of classification we use to classify plants and animals. The system is as follows:

- KINGDOM
- PHYLUM
- CLASS
- ORDER
- FAMILY
- GENUS
- SPECIES

MEMORY DEVICE:

- King
- Phillip
- Came
- Over
- From
- Germany
- Smiling 😊

At Norumbega we will be seeing many trees and many leaves. Here's a preview of shapes:



ie. <sup>GENUS</sup> PLANTIGO <sup>SPECIES</sup> MAJOR (broad-leaf)

# NORUMBEGA

(A.K.A. the longest hiking trip ever)

Equipment: Field kit, by lunch, at least 2 liters H<sub>2</sub>O, strong legs cause this trip takes forever

Leader: Michael DYEN 244-0285

Time: 9 am - 3 pm

Date: 7/19/00

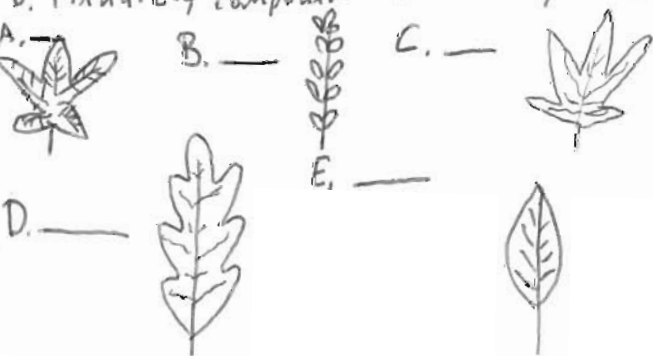
## History of Norumbega

A long time ago, in a small part of what ~~now~~ is Newtun, there were Vikings. These Vikings made a colony there for a time. They built towers, some of which still stand.

Much later, Norumbega was used as an amusement park. It was a popular place for young couples to go and dance until it was closed and then burned down.

Match picture with name:

- A. elliptical B. Pinnately lobed C. Palmately lobed  
D. Pinnately compound E. Palmately compound



Our trip to Norumbega marks the last of ENVISCI regular trips, and the beginning of the mountain sequence. This means that this trip will be incredibly long. We will have to move our little legs fast and furiously to make it there. So I hope you are all prepared for a long walk. Please be on time, because we will be leaving as soon as possible. Also, I am bringing in a wood chassis to be carried on, by you. This is because you students have made it easy and we need to whup you into shape for the mountains. So, in order to do this you guys are going to need to ~~carry~~ **carry** me and my stuff on this long ~~trip~~ **trip** so that on the mountains, you are a little more prepared. This trip is long, but the mountains are longer so we need to get you ready. So be ready for a long walk and a heavy load.

Times - 9AM to 3PM  
 Meet at and return to: South  
 Other Leader: Pam (527-5831)

Molly Smith 465-1111  
 Strip Slip #12  
 July 16, 1993



# NORUMBEGA

THINGS TO BRING: Field kit, 2 bottles of water, a big lunch and sun-tan lotion.

How much do you know about FOREST SUCCESSION?

① Pioneer Stage:

Trees that grow easily and quickly such as birch, poplar and sumac.

② Midstage:

Larger trees begin to take over like maples, pines and firs.

③ Climax Stage:

The final stage when dominant trees prevail like beeches, oak and spruce.

LEARN THESE THREE STAGES!

today is one of our long trips.

The purpose of a long hike is to prepare us for the rigors of hiking. If we don't start now, we will not be ready for the mountain sequence and won't be able to enjoy the beautiful scenery because we'll be too exhausted.

You may want to wear two (2) pairs of socks because it reduces soreness and blisters.

Norumbega is either 11 or 16 miles away, it depends on which route you choose. Do you know what Norumbega used to be?

An amusement park. Since it is also near Route 128 and the Marriott Hotel, we can examine how man's impact has effected the forest and the Charles River which is nearby.







(This is a LONG hiking trip! Be prepared).

Leaders: Pam Mahoney  
(527-5831)  
Molly Smith  
(965-1979)

Equipment: 2 pairs of socks, A LOT of water, BIG lunch, field kit

DATE: July 16, 1993  
TIME: 9 - 3pm

The long trips are finally starting in preparation for THE MOUNTAIN SEQUENCE! This will be an 11-16 mile hike, depending on the route you choose. "choose wisely!"

### HISTORY OF NORUMBEGA:

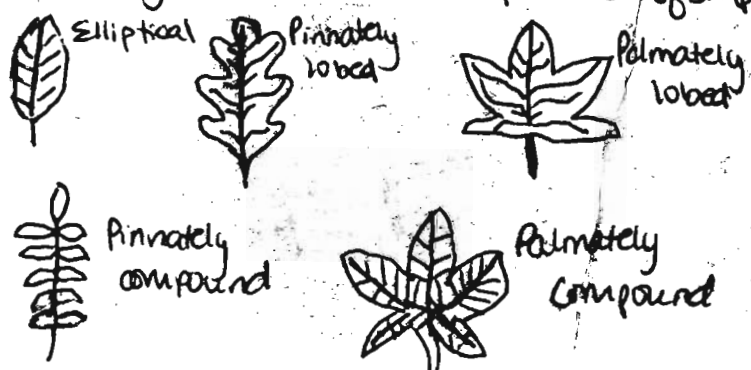
The Vikings made a colony here for a while. Norumbega Towers, which the Vikings built, still stands today.

Also, Norumbega has been used as an amusement park. It was a popular place for young couples to go and dance, until it was closed and <sup>then</sup> burned down.

Do you know what TAXONOMY is? No, it has nothing to do with taxes. It is the system of classification we use to classify plants and animals. The system is as follows:

- |         |                |
|---------|----------------|
| KINGDOM | MEMORY DEVICE: |
| PHYLUM  | King           |
| CLASS   | Phillip        |
| ORDER   | Came           |
| FAMILY  | Over           |
| GENUS   | From           |
| SPECIES | Germany        |
|         | Smiling ☺      |

At Norumbega we will be seeing many trees and many leaves. Here's a preview of shapes:



ie. GENUS PLANTIGO SPECIES MAJOR (broad-leaf plantain)