

Mass Audubon Quests

Drumlin Farm

Lincoln

Welcome to the Drumlin Farm Quest,
We're pleased to have you as our guest.

Enjoy the mix of trails and farm,
And to the wildlife do no harm.

It's their home so don't run or shout,
but look and listen for who's about.

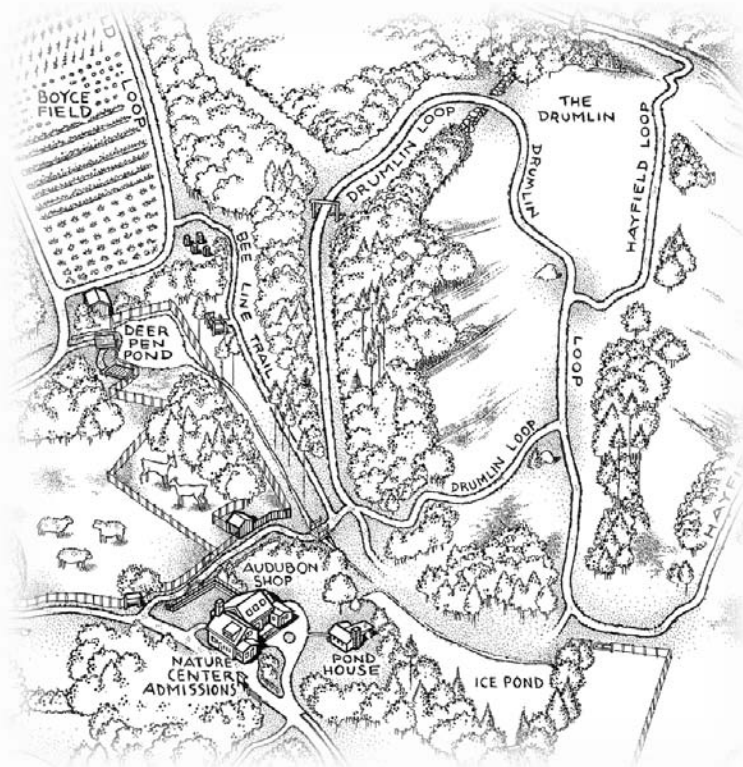
Grazing sheep, a glimpse of deer -
You'll explore nature's best here.

We hope this quest brings lots of pleasure,
so let's get going to find the treasure!



Drumlin Farm Quest Stamp

Date _____



 **Mass Audubon**
Protecting the Nature of Massachusetts

*This Quest is best done in spring, summer, or fall.
The trail is not maintained in winter (snowshoes required).
This Quest was created by Anneke Nordmark.*

Fall 2008

Geology Quest

By looking at rocks, glaciers, water and different geological features geologists study how the land was formed. Follow these clues and learn about Drumlin Farm. Put answers on your clue sheet to solve the location of the quest box. Good luck!



Begin at the farm stand next to the admissions window.

Walk along the main path that heads into the sanctuary. Stop at the solar sculpture on your right. Behind it you will see a wall built from pieces of granite. Walk towards it.

*This old granite wall has mosses and lichens.
And holes here and there that a chipmunk hides in.*

*Once, long ago, workers built this foundation.
The job took hard work and a good dose of patience.
Then on top of these stones, on the site of this yard,
They raised a great building, a towering barn.*

*Now the barn is gone, we have lights on the wall.
How many lights do you see here in all?
Count the lamps on the wall and the stairwell for fun.
Put the number of lamps into spot number one.*

Mark your answers on the clue sheet.



Go back to the path that you started on and face down hill.

A sign says "Drumlin Trail." Head right on this trail. (look at the stone foundation from the back!)

Walk to the red bridge stretched over a small creek bed and stop. Depending on the time of year, the water may be a steady stream or just a little trickle.

*Rocks and water go hand in hand,
working together to shape our land.
The water here may seem gentle and sweet,
but water shapes stones—it's quite a feat!*

*These are some things that water can do:
it can push stone, and break it, and weather it, too.
Glaciers of ice carry rocks from the ground
and can make up new mountains all curving and round.*

*As this water wears away at the rocks here
We need a bridge to cross it without fear.
How many straight posts hold the railing up for you?
Put this answer in spot number two.*



Cross the bridge.

Walk up the short hill and take the trail to the left (the Drumlin Loop — not the Beeline Trail)

You will see a big white pine tree with a "D" trail marker on the trunk. Walk along this trail.

Look for a tall wooden gate overgrown with vines. Walk just past the gate and then stop.

*When farmers of old cleared this land for their crops,
they stumbled upon far too many rocks.*

*So using their oxen, their horses, their hands,
they hauled all the rocks right off of this land,
and stacked them as fences, dividing their fields,
then plowed and planted, expecting great yields.*

*Now the farmland is gone and the forest grows new.
The stone wall is divided for the trail to pass through.
Vines cover one wall side, the other side is free.
Guess the number of feet in between for spot three.*



Continue from the stone wall up the trail.

Go right at the first fork in the trail and keep moving forward.

Don't stop until you get to a large boulder on a flat top (a little bit of a walk).

*You've made it, though it was a long time in comin'.
Now what you're standing atop is a drumlin!
A long time ago, glaciers carved out this land
and deposited loads of sediment where you stand.*

*Time passed, and this drumlin gained soil and plants,
and now it is home to trees, rabbits, and ants.
Look out to the west to catch a great view
of the mountains and valleys shaped by glaciers, too.*

*Mt. Monadnock to the north, Mt. Wachusett to the west,
but our very own drumlin is the point we like best.
Now walk the boulder around its large base.
Put the number of steps in the number 4 space.*

Now follow these directions using the clues that you gathered!

After you have gathered the clues follow these directions and use your CLUE SHEET:

Hold the compass flat in your hand and close to your body. The red needle points north.

Turn the compass so the red needle is on the N.

Stand on the EAST side of the boulder.

Walk NORTH #4 steps (use the number on your clue sheet in #4). Do this 2½ times total.

Look left and see a birch tree with #1 trunks. Walk over to it.

Hold the compass and face north again.

Walk NORTH #2 + #3 steps.

Look around for a small pile of rocks to uncover the treasure!

Re-seal and re-hide the box carefully so others can enjoy the surprise.

If you liked this walk, check out our other trails and activities at Drumlin Farm!



Clue Sheet

After gathering these clues, use them to solve the final mystery on the last page of the clue book...

1. _____
2. _____
3. _____
4. _____

Drumlin Farm Wildlife Sanctuary

208 South Great Road
Lincoln, MA 01773
phone: 781-259-2200
email: drumlinfarm@massaudubon.org

Nature Center Hours:

March 1 - October 31, 9am - 5pm
November 1 - February 28, 9am - 4pm

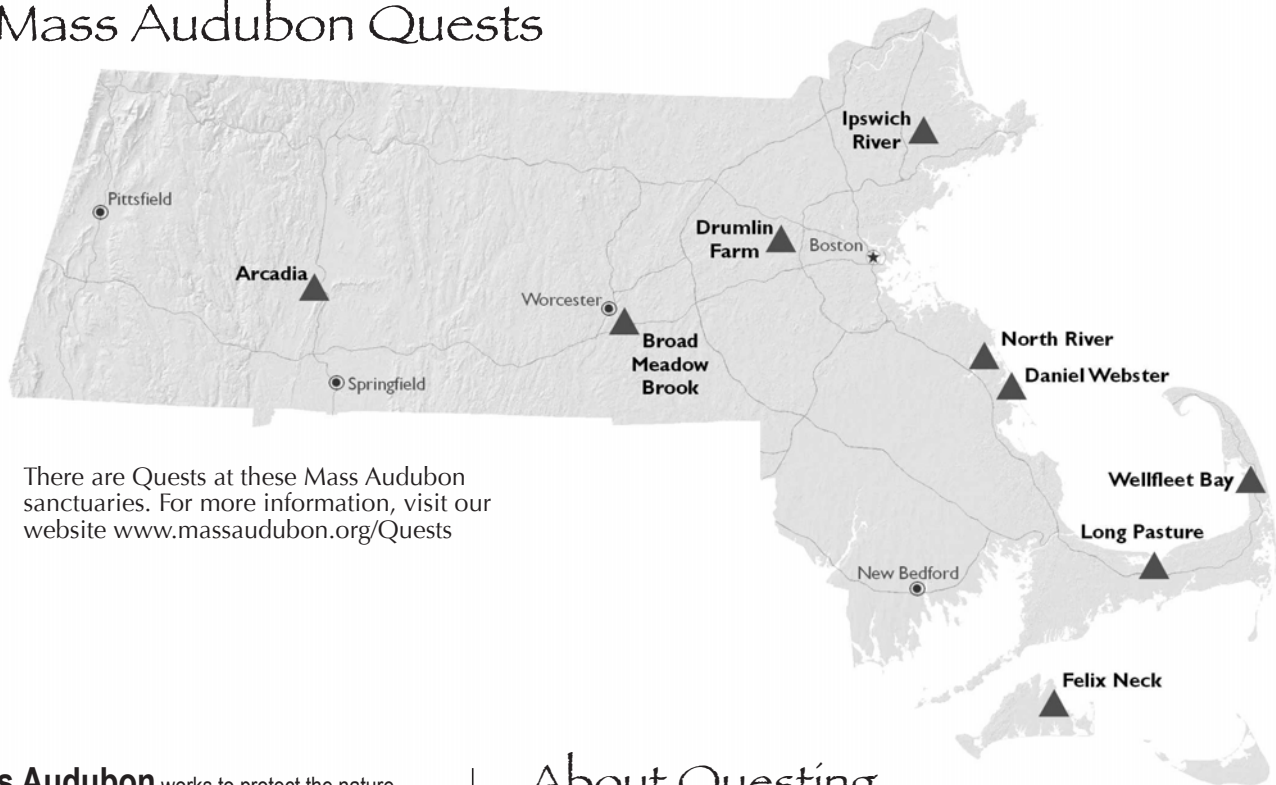
Trail Hours:

Open Tuesday - Sunday, year round, except Thanksgiving,
Christmas Eve, Christmas Day, and New Year's Day.



We invite you to explore Drumlin Farm through our many trails, wildlife and livestock exhibits, and nature and farm programs for adults and children.

Mass Audubon Quests



There are Quests at these Mass Audubon sanctuaries. For more information, visit our website www.massaudubon.org/Quests

Mass Audubon works to protect the nature of Massachusetts for people and wildlife. Together with more than 100,000 members, we care for 33,000 acres of conservation land, provide educational programs for 200,000 children and adults annually, and advocate for sound environmental policies at the local, state, and federal levels. Mass Audubon's mission and actions have expanded since our beginning in 1896 when our founders set out to stop the slaughter of birds for use on women's fashions. Today we are the largest conservation organization in New England. Our statewide network of 48 wildlife sanctuaries welcomes visitors of all ages and serves as the base for our conservation, education, and advocacy work. To support these important efforts, call 800-AUDUBON (283-8266) or visit www.massaudubon.org.



About Questing

Questing was born out of a 150-year old tradition in the region surrounding Dartmoor National Park in southwest England. "Letterboxing," as this tradition is called, is a popular past time, with thousands of boxes hidden in both natural and cultural locations. Vital Communities, a regional non-profit organization based in Vermont, built on this tradition in the United States by developing the Valley Quest program. In the early 1990s, Vital Communities was concerned about the future of the Upper Valley region of New Hampshire and Vermont, and was hoping to develop a program that would foster sense of place, strengthen relationships between schools and communities, and build bridges across the generations. The result was Valley Quest, with "Valley" referring to the place and "Quest" referring to a treasure hunt—made by children and adults working together—leading to the community's special places. Over time, the Valley Quest program has grown. More than 2,000 children, adults, families, scouts, students and historical society members have contributed to the creation of the 200+ Quests found in the Valley Quest books; and communities across the country are beginning to replicate Valley Quest's success.

Quest is a trade name of the Valley Quest program, and is used with permission. For more information, visit www.valleyquest.org