

From the Director...

November was not a great month for those interested in protecting wildlife. According to U.N. projections, the human population of the earth surpassed 7 billion people and the level of atmospheric CO₂ rose above 390 parts per million (ppm), which is likely the highest level in the last 625,000 years.

It took hundreds of thousands of years for the population to reach 1 billion circa 1800. Only 260 years after that we arrived at 3 billion, and in just the last 50 years we added 4 billion more to reach the current 7 billion. While fertility rates (the average number of births per woman over her lifetime) around the world have been declining for some time, the 2010 United Nations population projection estimates a world population of 10 billion in 2083.

To support more people we will claim more of the earth's resources leaving less for the other 8-11 million species. A 1986 study estimated that humans co-opt (use directly, such as farmland or despoil so land becomes unusable, such as strip mining) 40% of the global energy fixed by plants worldwide. This proportion is likely higher now and will continue to rise. More people also means an increase in human activity and with it increasing emissions of greenhouse gases unless there are radical changes in the way we obtain energy.

Greenhouse gases reflect heat back toward the earth rather than allowing its escape into space, thus warming the earth's surface. The measurement of atmospheric carbon dioxide, the most prevalent greenhouse gas, for the week of November 27, 2011 was 392.96 ppm (<http://www.esrl.noaa.gov/gmd/ccgg/trends/weekly.html>), a 25% increase in atmospheric CO₂ levels from the first accurate measurement taken by Charles Keeling at the Mauna Loa Observatory in Hawaii in 1958 and a 40% increase over what is believed to be the pre-industrial CO₂ level of 280 ppm. More worrying is that the yearly rate of CO₂ rise is increasing. In the 1960s the atmospheric CO₂ level increased, on average, 0.9ppm/year compared to a 2.0ppm yearly increase in this past decade. Even though there

have been efforts to reduce emissions, the Oak Ridge National Laboratory reported a record 6% increase in global CO₂ emissions, from fossil fuel burning and the manufacture of cement, in 2010 compared to 2009. In about four years we will pass 400ppm with no end in sight.



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The results of the U.N. climate change conference in Durban, South Africa were mixed. There was agreement that all countries would set carbon emission limits but the details will not be decided until 2020. The likelihood of the U.S. taking action is unlikely given that a significant number of political leaders in this country have chosen to ignore scientific consensus, denying either that global temperature is rising or that human activity is responsible for the rise, or both. It is frustrating not to see bold steps being taken in the face of such risk. So... What to do now?

Humans are an ingenuous, creative, and adaptable species and when given incentives, change can happen rapidly. By acting locally to reduce our reliance on carbon-based energy we can demonstrate the way change can take place and hope that policymakers will come around before unalterable forces are in place.

States have taken the initiative. Here are two examples: Massachusetts has passed a Global Warming Solutions Act which sets a goal of 80% reduction in CO₂ emissions by 2050; California recently became the first state to cap greenhouse gas emissions from all sources—power plants, industries and vehicles. A cap and trade system is being put in place in California to provide financial incentives to reduce emissions to 1990 levels by 2020. Private organizations can model the measures that can be taken now. For example, Mass Audubon has committed to decrease its carbon footprint by 50% of 2003 levels by 2015. To date we have achieved reductions of 40%. If you would like to learn how Mass Audubon is doing this and what you can do go to <http://www.massaudubon.org/renewableenergy>.

- Roger Wrubel, December 2011

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11th Annual HERB SALE

HIP's Herb Study Group is holding its annual herb sale with MA organically grown annual and perennial herbs and vegetables from J. Gilson Greenhouses in Groton. 3-inch pots are priced at \$3. 4 for \$10! At the Habitat Visitor Center.

Sunday, May 20 9:00 am—4:00 pm
Proceeds used to fund HIP projects

A R T G A L L E R Y

February

Larry Osgood, Photography

March

Picture This:
 2011 Mass Audubon
 Photo Contest Winners

April

Sam Jaffe, Photography

May

Karen Ann Sullivan, Photography

June

Susan Johnson, Watercolors

July

Iris Sonnenschein, Art Quilts

August

Claire Sauvageot, Photography



Summer Camp 2012 Info

Registration Procedures

It may be cold outside, but we are already planning for the summer! Last summer we had an extremely successful camp season. We appreciated your overwhelmingly positive feedback about our programs and our dedicated and enthusiastic staff.



Summer 2012 camp program information and session dates are available on-line at http://www.massaudubon.org/Nature_Connection/Sanctuaries/Habitat/camp.php. **Registrations will initially only be accepted by mail, post-marked on or after Friday, January 20th, 2012.** Starting February 1st, registrations will be accepted by mail or drop-off at the sanctuary. Registrations will be processed in the order they are received. Please use the camp registration form that is online or in the camp brochure. Do not use the public program registration form on page 15. We strongly encourage you to include "second choices" as it greatly increases the chance of having space for your child. If you would prefer to receive a camp brochure by mail or e-mail, please call Habitat at 617-489-5050.

Thank you for your continued support and we look forward to another wonderful summer camp season.

Habitat Camp Instructor Openings

Do you like the outdoors in any kind of weather? Do you enjoy working with children? Then, we have the perfect position for you. Habitat is seeking fun, enthusiastic and experienced instructors for our 2012 camp programs. Habitat offers a 1-week program during school vacations in February, March, and April, and a 10-week program during the summer. Instructors design curriculum and teach environmental education activities for small groups of campers in grades K-7, ages 5-13. Activities are based on seasonal themes and include natural history explorations, science projects, hikes, gardening, games, and nature crafts. Both Lead Instructor and Assistant Instructor positions available. Training is provided. For full job descriptions, please contact Jane Higgins at (617) 489-5050, ext. 203 or email jhiggins@massaudubon.org.

Summer Staff Housing Needed

Each year, Habitat hires many out-of-state instructors who need a place to live for the summer while they work at our summer camp. If you are looking for a housesitter or have a separate room with some shared facilities, we are seeking donations in the form of housing for these instructors. Housing is needed from mid-June through the end of August and instructors will be able to pay a small sum in rent (up to \$200/month) or provide an exchange of services. Please contact Jane Higgins.

Vacation Week Programs

Spend your school vacation at Habitat, exploring and learning about nature through the seasons. We offer programs for children in grades K-6 for February, March and April school vacation weeks. Under the supervision of staff instructors, participants engage in environmental education activities, games, arts and crafts, and scientific experiments that focus on natural history. Participants spend at least half of each day outdoors except during extremely cold or rainy weather. Participants will receive additional information upon registration.

FEBRUARY! *(Participants may sign up for 1-4 days of programming.)*

For grades K-3

Tuesday, February 21—Tremendous Trees

Why do evergreens stay green? Why do other trees appear dead? Learn winter survival techniques of trees, taste maple sap, and brew some white pine tea.

Wednesday, February 22—Incredible Insects

It's too cold out for insects, right? Wrong! Explore Habitat to find out which insects are still hanging around. Discover how insects survive the season in different stages.

Thursday, February 23—Snow Science

Whether there is snow on the ground or not, learn how snow is formed, what it is made of and how animals use it to their advantage. If there is no snow, we'll make our own!

Friday, February 24—Predator or Prey?

Are you as clever as a fox or a swift as a rabbit? Find out who's hunting or hiding here in winter.

For grades 4-6

Adventurers

Imagine you are stranded on an icecap in the Arctic. How would you survive? Through hands-on activities and hikes, learn about winter survival, including how to dress for the weather, how to deal with emergencies, and how to find your way.

MARCH! *(Participants may sign up for 1-5 days.)*

March Exploration Week is designed for children attending private schools or who are home-schooled.

For grades K-6

Monday, March 19—Tremendous Trees

Why do evergreens stay green? Why do other trees appear dead? Learn winter survival techniques of trees, taste maple sap and brew some white pine tea.

Tuesday, March 20—Incredible Insects

It's too cold out for insects, right? Wrong! Explore Habitat to find out which insects are still hanging around. Discover how insects survive the season in different stages.

Wednesday, March 21—Snow Science

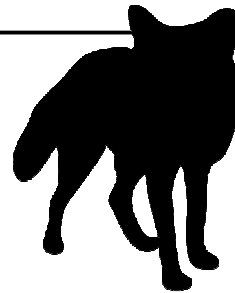
Whether there is snow on the ground or not, learn how snow is formed, what it is made of and how animals use it to their advantage. If there is no snow, we'll make our own!

Thursday, March 22—Predator or Prey?

Are you as clever as a fox or a swift as a rabbit? Find out who's hunting or hiding here in winter.

Friday, March 23—Finding Your Way

If you are lost, how do you find your way? Learn about maps, compasses and other ways to find your way around in nature.



Time: 9:00 am to 3:30 pm, daily
Fee: \$65M/\$80NM per day

APRIL! *(Participants may sign up for 1-4 days.)*

For grades K-3

Tuesday, April 17—Up, Up and Away!

Sprout wings and fly with the birds, bees and bats. Learn how animals and plants use flight for their survival.

Wednesday, April 18—Sowing Seeds

Time to start the garden. Spend time digging in the dirt, planting seeds and learning about the plants we eat. Take home your own mini-garden!

Thursday, April 19—Rotten and Stinking

Dive into a compost bin or under a log and discover who's hard at work. Find out about nature's FBI.

Friday, April 20—Wonderful Water

It's raining, it's pouring... Travel through the water cycle and learn how water helps the planet survive. We'll explore the pond and vernal pool, so bring your boots!

For grades 4-6

Adventurers

To Habitat and beyond! Unlock the secrets of spring, while learning outdoor skills and teambuilding. Spend the day exploring the far-reaches of Habitat and nearby conservation land.

Family Programs

Important information for the following programs:

- * Infants are welcome for free, but carried in backpacks.
- * Dress appropriately as all programs have outdoor time.
- * Unless noted, registration is required for all programs.

Forest Friends

Claudia van Dijk

Ages: 2-3 with adult partner

Session 1: Monday, February 13, 10:00-11:00 am

Session 2: Monday, April 23, 10:00-11:00 am

Session 3: Friday, May 18, 10:00-11:00 am

Fee: \$6M/\$8NM for each child or adult, per session

Join early childhood puppeteer Claudia van Dijk as we connect with the beauty of our natural world through gentle puppet stories about a very brave little duck who survives the winter with courage and pluck (February), a little boy who loves the rain (April), and a ladybug who tells tales to a flower every evening (May). We will then go outside to listen and play. *Dress for the weather and please be prompt!*

HIP Morning Bird Walks

Ages: All ages

Walk #1: Saturday, February 25, 8:30-10:00 am

Walk #2: Sunday, March 18, 8:30-10:00 am

Walk #3: Saturday, April 14, 8:30-10:00 am

Walk #4: Sunday, May 13, 8:30-10:00 am

Walk #5: Saturday, June 16, 8:30-10:00 am

Fee: FREE, *registration not required.*

Birders and non-birders of all ages and skill levels are invited to join us for five walks around Habitat. We will look for signs of migrators, nest builders, and winter returnees. Be ready for surprises. Led by experienced birder, Janet Crystal. Binoculars and spotting scope available. *Meet at the Visitor Center.*

New Talk Like the Animals

Sarah Huber

Ages: 3-5 with an adult partner

Date: Friday, March 2, 1:00-2:30 pm

Fee: \$6M/\$8NM for each child or adult

Animals communicate in many ways - sound, scent, behavior, gestures. Romp with us and find out why woodpeckers drum, turkeys gobble and crickets chirp. Find your friends using your nose, talk without words, and dance like a bee! Come and understand what the animals are telling us.

**Register for programs
617-489-5050**

New Sensory Walk and Yoga

Paula Jordan, certified children's yoga teacher

Ages: 4-7 with an adult partner

Date: Saturday, March 3, 10:00-11:30 am

Fee: \$6M/\$8NM for each child or adult

Yogi's of long ago did yoga outdoors and studied the natural world inventing the yoga poses we know today. Join us as we explore the natural world; hiking the trails, listening and looking for signs of animals in winter, and perhaps pose like a tree in the meadow! We will then head indoors to warm up with yoga. Parents and children will participate in a 30 minute yoga circle that focuses on the season, animals, and the natural world. We will sing songs, breathe like the wind, do yoga, (maybe making up a our own poses!), and rest quietly. *Please dress for a 45 minute walk outdoors and have loose, comfortable clothes for our yoga.*

How Sweet It Is

Fran Hutchinson

Ages: 3-5 with an adult partner

Date: Friday, March 16, 1:00-2:30 pm

Fee: \$6M/\$8NM for each child or adult

The rising of the maple sap is the sweetest sign of spring! Join us as we learn through hands-on activities and a special puppet show, about tree tapping and making maple syrup. We will also visit the sanctuary's sugar maple trees.

Sugaring Celebration

Dan McCullough & staff

Ages: All ages

Session 1: Saturday, March 17, 10:00 am-noon

Session 2: Saturday, March 17, 1:00-3:00 pm

Fee: \$8M/\$10NM for each child or adult

A Habitat tradition! Bring the kids and grandparents and learn how maple syrup is made from sugar maple trees. We'll try our hand at a few sugaring activities, hear stories, and visit a few places on the property including our tapped sugar trees. We'll boil down a little of our sap and taste the results!

Curious Explorers

Edie Engel and Phyl Solomon

Ages: 2-3 with an adult partner

Session 1: Tuesday, April 3, 10:00-11:00 am

Session 2: Tuesday, May 1, 10:00-11:00 am

Session 3: Tuesday, May 22, 10:00-11:00 am

Session 4: Tuesday, June 12, 10:00-11:00 am

Fee: \$5M/\$6NM for each child or adult

Everything is new for two year olds - the melting snow is magical, squirrels are exciting, birdsong is amazing. Bring your little one out for a spring walk around Habitat and see the world through new eyes. *Meet in the log circle and please be prompt!*

Slippery Salamanders

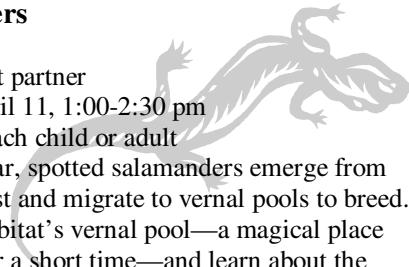
Fran Hutchinson

Ages: 3-5 with an adult partner

Date: Wednesday, April 11, 1:00-2:30 pm

Fee: \$6M/\$8NM for each child or adult

Around this time of year, spotted salamanders emerge from their homes in the forest and migrate to vernal pools to breed. We will investigate Habitat's vernal pool—a magical place that only exists now for a short time—and learn about the many animals that depend on it to survive. We will also look for other signs of spring and for spotted salamander relatives.



New The Best Nest

Fran Hutchinson

Ages: 3-5 with an adult partner

Date: Friday, April 27, 1:00-2:30 pm

Fee: \$6M/\$8NM for each child or adult

The meadow birds are back! They are busy building nests and raising their young. Join us outside as we find out how hard it is to build a nest and as we listen to the songs that are now filling the woods and meadow. What other signs of spring are here?

New Silk Spinners

Sarah Huber

Ages: 3-5 with an adult partner

Date: Wednesday, May 9, 1:00-2:30 pm

Fee: \$6M/\$8NM for each child or adult

Silk doesn't just come from silk worms. Search with us as we look for other creatures that use silk. Make your own cocoon, build a web, find your way home using silk, play games and find out why silk is sensational.

Ants, Ants, Ants

Fran Hutchinson

Ages: 3-5 with an adult partner

Date: Friday, May 25, 1:00-2:30 pm

Fee: \$6M/\$8NM for each child or adult

They are right under your nose – in the house, on the sidewalk, in the woods, and in the meadow. If you put all the ants in the world on a giant scale, they would be heavier than all the humans! You can find ants anywhere on earth except ANTarctica. Join us as we find out what kinds of ants live right here.

Evening Aquatics

Fran Hutchinson

Ages: 3-5 with an adult partner

Date: Friday, June 1, 4:00-5:30 pm

Fee: \$6M/\$8NM for each child or adult

Take advantage of the long summer evening by ponding with your family! We have three ponds here at Habitat – Turtle Pond, Week's Pond and the vernal pool. We will visit one or two of them with nets to see what kinds of creatures live there. *Please wear boots or old shoes.*



Multigenerational Celebration!

The annual Courtyard Celebration is being planned at the Cheney Middle School in Belmont. The celebration will focus on the creative aspects of the Native Courtyard Garden Project. Free workshops will be offered to the community, parents, and students in April and May.



If you enjoy being with folks of all ages, trying new things and having fun, contact Phyl Solomon (HIP Coordinator) at 617-484-0117 or PHYL87@comcast.net for more information. This project is sponsored by HIP/Mass Audubon and the Cheney Middle School.

Date: Wednesday, June 6, 5:00-7:00 pm in the Cheney courtyard gardens.



Fireflies Are Fun

Roger Wrubel and Habitat Staff

Ages: 3 and up with an adult partner

Date: Wednesday, June 27, 8:15-9:45 pm

Fee: \$6M/\$8NM for each child or adult

Fireflies are a natural joy of summer. We'll first learn about them indoors then search for fireflies outside on the sanctuary. We suggest wearing long sleeves, long pants and a hat for mosquitoes. Take a nap in the afternoon—we'll be out late! *Bring a flashlight and bug repellent. Rain Date: Thursday, June 28.*

Ice Cream & Insects

Fran Hutchinson and Roger Wrubel

Ages: All ages

Date: Wednesday, August 1, 6:00-7:30 pm

Fee: \$7M/\$9NM for each child or adult

Before heading out on a bug treasure hunt to sweep-net in Habitat's meadow to see what wonderful creatures live there, we'll have a cold treat of ice cream! We'll listen for cicadas and crickets, look for grasshoppers and spiders, and see how many different kinds of beetles we can find. *Rain Date: Thursday, August 2.*



Child Only Programs

Coyote Club

Coyote Club: Howlers

Fran Hutchinson, Ann Wynne & Habitat staff

Ages: 5 (in kindergarten) - 6 years old

Children may sign up for one session per month

Session 1: Wednesday, February 1, 3:30-5:00 pm

Session 2: Thursday, February 2, 3:30-5:00 pm

Session 3: Thursday, March 1, 3:30-5:00 pm

Session 4: Wednesday, March 7, 3:30-5:00 pm

Session 5: Wednesday, April 4, 3:30-5:00 pm

Session 6: Thursday, April 5, 3:30-5:00 pm

Session 7: Wednesday, May 2, 3:30-5:00 pm

Session 8: Thursday, May 3, 3:30-5:00 pm

Session 9: Wednesday, June 6, 3:30-5:00 pm

Session 10: Thursday, June 7, 3:30-5:00 pm

Fee: \$14M/\$17NM per child, per session

Coyote Club: Prowlers

Sarah Rund and Rob Riman

Ages: 7 (in 2nd grade) - 10 years old

Session 1: Thursday, February 2, 3:30-5:00 pm

Session 2: Thursday, March 1, 3:30-5:00 pm

Session 3: Thursday, April 5, 3:30-5:00 pm

Session 4: Thursday, May 3, 3:30-5:00 pm

Session 5: Thursday, June 7, 3:30-5:00 pm

Fee: \$14M/\$17NM per child, per session

Come outside and play! Recent studies suggest that today's children suffer from "nature deficit disorder" a term coined by Richard Louv (*Last Child in the Woods*) caused from lack of interaction with the natural world. This afterschool program will counteract this tendency by helping children expend pent up energy, become familiar with the sanctuary and notice seasonal changes. There will be no set topic, the curriculum will be determined by what is actually happening on the property at the time of the program. Join the Club! *Meet in the log circle - the entire class will be held outdoors.*

New Microscope Magic: Scoping Out Birds

Chadine Ford and Barbara Tarrh

Ages: 6 (in 1st grade) - 9 years old

Date: Tuesday, February 28, 3:30-5:00 pm

Fee: \$14M/\$17NM per child

Curious about what happens to our feathered friends when the weather gets cold? While many head for warmer areas, many stay close to home trying to stay warm and find things to eat! Using microscopes, we'll take a closer look at some bird parts (talons, wings, beaks, and even some owl barf in the form of owl pellets), before heading out to practice our observational skills using a different type of microscope -- binoculars! It's another Microscope Magic adventure!

The Secret Life of Maple Syrup

Suzanne Lefebvre

Ages: 6 (in 1st grade) - 9 years old

Dates: Tuesday, March 13, 3:30-5:00 pm

Fee: \$14M/\$17NM per child

Have you ever wondered where real maple syrup comes from? How do we find it? What makes it magically flow every spring? Come discover the secret life of maple syrup as we look for and find clues right here at Habitat. We'll even collect sap, boil it down, and sample our very own syrup! *Most of the program will be outdoors.*

The Disappearing Pool
Erika Whitworth

Wicked Big Puddles:
Tuesday, Mar. 27, 3:30-5:00 pm

Salamanders:
Tuesday, Apr. 3, 3:30-5:00 pm

Weird Aquatic Creatures:
Tuesday, Apr. 10, 3:30-5:00 pm

Ages: 5 (in kindergarten) - 8 years old

Fee: \$14M/\$17NM per child, per session

One of our most popular series! Every spring, pools appear as if by magic in our woods. Come and visit the vernal pools at Habitat. We will learn about salamanders, and how vernal pools are crucial for them; we will go exploring for some of the strange creatures that live in these pools.
Please bring boots!

New NSI: Habitat (Nature Scene Investigators)

Suzanne Lefebvre and Chadine Ford

Ages: 7 (in 2nd grade) - 10 years old

Dates: 6 Tuesdays, April 24-May 29, 3:30-5:00 pm

Fee: \$84M/\$105NM per child

Join Habitat for a NEW series of Tuesday afternoons where you'll get to put your best scientific and investigative skills to use. There will be special mystery items under microscopes to identify, maps to create, animals that we'll collect data on, compasses to help us find our way, and we'll document all of our NSI findings in our own adventure journal! And of course there'll be lots of surprises and secret places to explore. Mark your calendar and join the NSI team!

Join Habitat at the Cambridge Science Festival!

Park Life - Swimming, Crawling & Flying

Date: Tuesday, April 24, 3:30-5:00 pm

Location: Danehy Park, near Sherman St, Cambridge, MA
What organisms – beyond humans and dogs – can be found at Danehy Park? Join educators from Habitat and students from Benjamin Banneker Charter Public School as we examine life at Danehy Park. Last year we found an American toad, red-winged blackbirds, copepods, and many other plants and animals. What can be seen this time? Come be part of the search and take a closer look at nature right in Cambridge. *Free for all ages. No registration required.*

New Early Release Day Programs

Lolly Bennett and Bonnie Neggers

Ages: 6 (in 1st grade) - 9 years old

Belmont Date: Wednesday, May 23, *Dropoff:* 12:00-12:30 pm. Program ends at 2:00 pm.

Arlington Date: Tuesday, June 12, *Dropoff:* 12:45-1:15 pm. Program ends at 2:45 pm.

Fee: \$15M/\$18NM per child

Got out of school a little early and want to spend some time exploring Habitat? We'll have a 30 minute window when you can arrive. We'll have some games and activities for you while we wait for everyone to get here. Then Lolly and Bonnie will kick off a program where you'll get to stretch your legs, have fun, and enjoy an afternoon at Habitat!

Habitat Treasure Hunt

Bonnie Neggers and Lolly Bennett

Ages: 6 (in 1st grade) - 9 years old

Dates: Tuesday, June 5, 3:30-5:00 pm

Fee: \$14M/\$17NM per child

Ahoy treasure hunters! Join us for another treasure hunt as we solve riddles and piece together maps to make our way to Highland meadow and parts nearby. Using our best observational skills we'll hunt for golden and jewel-colored organisms and perhaps, in the end, find treasure! Join us for the adventure and be ready to use your best observation skills. You'll need them!

Teacher Training

For current Habitat instructors

Post Holiday Dinner

Date: Thursday, January 19, 5:30-7:30 pm

Habitat's staff and teachers are invited to our annual festive dinner party. Celebrate the past year's work and look ahead to the new year.

Mock Walks

We'll have 2 "walkarounds" to sharpen our skills and give us a chance to share activities and ideas.

Maple Sugaring

Date: Tuesday, February 14, 9:30-11:30 am

What better way to spend Valentine's Day than with a "sappy" walk with Boot! Come catch up on all things maple.

Vernal Pools

Date: Wednesday, April 11, 9:30-11:30 am

As another spring approaches, the vernal pool will be alive with the sights and sounds and splashing of critters in the vernal pool.

Birdbanding at Joppa Flats

Lisa Hutchings, Ben Flemer, and Joppa Flats staff

Date: Wednesday, May 2, 8:45-11:30 am

Field Trip! As part of an exchange program with Joppa Flats in Newburyport, we'll be heading out for a morning of birdbanding! The staff will also take us to a second habitat where we'll get to poke around. More details as we get closer to the date.

End-of-Year Potluck Lunch Picnic

Date: Friday, June 18, 12:00-1:30 pm

It's June. Let's eat outside! Bring along a picnic lunch as we celebrate the winding down of another spring.

Trail Guide Training Series:

Highland Farm meadow, Upper and Lower meadows

Heather DiGiovanni, Barbara Tarrh, Lolly Bennett, and Roger Wrubel

Date: A September date to be determined

The meadow is wondrous in the fall! We have another 4 "mini-units" lined up. Barbara will start in Highland Farm as we get up close with the meadow's plant life; Heather will then lead us in a little "nature play" in the upper meadow before handing it over to Lolly as we take a look at the birds in the Habitat meadow; we'll wrap up doing some sweepnetting with Roger in the lower meadow.

Brown Bag Lunches

We'll have another slate of BBLs ready to roll out in 2012. Dates to be determined.

Weekly Programs

Fall 2012 registration for Fledglings and home school programs will be on a first-come basis starting when the Fall newsletter is mailed in August, 2012. We will simultaneously post to our website when we are accepting registrations: http://www.massaudubon.org/Nature_Connection/Sanctuaries/Habitat/index.php

For registration information on Nursery School Naturalists for 2012-2013, see page 9.

Nursery School Naturalists

This is a drop-off class where your child can explore the world of Habitat one day a week all season long. **We currently have openings in session 5.**

Session 1: (For children age 4 by September, 2011)

Fran Hutchinson and Erika Whitworth

Dates: 30 Tuesdays *See weeks below* 9:30-noon

Session 2: (For children age 3 by September, 2011)

Fran Hutchinson and Julie King

Dates: 30 Wednesdays *See weeks below* 10:00-noon

Session 3: (For children age 4 by September, 2011)

Fran Hutchinson and Sarah Huber

Dates: 30 Thursdays *See weeks below* 9:30-noon

Session 4: (For children age 3 by September, 2011)

Fran Hutchinson and Erika Whitworth

Dates: 30 Fridays *See weeks below* 10:00-noon

Session 5: (For children age 4 by September, 2011)

Julie King and Fran Hutchinson

Dates: 30 Tuesdays *See weeks below* 1:00-3:30pm

Classes started the week of 9/19 and run the weeks of 9/26, 10/3, 10/10, 10/17, 10/24, 10/31, 11/7 11/14, 11/28, 12/5, 12/12, 1/9, 1/16, 1/23, 1/30, 2/6, 2/13, 2/27, 3/5, 3/12, 3/26, 4/2, 4/9, 4/23, 4/30, 5/7, 5/14, 5/21 and end the week of 5/28.

Home School Naturalists

Winter and spring offer wonderful seasonal events to experience. *Classes will not meet the week of: February 20, March 19, and April 16. We currently have openings in sessions 2 & 3.*

Session 1: (For children ages 6-7 by Fall, 2011)

Barbara Tarrh

Dates: 16 Wednesdays, Jan. 11-May 16, 10:00-noon

Fee: \$320M/\$400NM

Session 2: (For children ages 8-9 by Fall, 2011)

Jane Higgins

Dates: 16 Tuesdays, Jan. 10-May 15, 10:00-noon

Fee: \$320M/\$400NM

Session 3: (For children ages 10-11 by Fall, 2011)

Boot Boutwell

Dates: 16 Thursdays, Jan. 12-May 17, 9:30-11:30 am

Fee: \$320M/\$400NM

Fledglings

For children age 5 by December 31, 2011

Julie King & Sarah Huber

Dates: 16 Thursdays, Jan. 12–May 17, 1:00-3:00pm

Fee: \$384M/\$480NM

Do you like the outdoors? Then come and spend one afternoon a week at Habitat with other children like you. You'll learn about animals and plants and the places where they live and grow. You'll have fun exploring the woods, the meadows, the ponds, and the gardens. *Class will not meet Feb. 23, Mar. 22 & Apr. 19.*

Home School @ Habitat

For children ages 12-13 by Fall, 2011

This program is a series of 2-4 week units on a variety of topics throughout the year. Each two hour class we'll spend time inside and out exploring the natural world. Some homework will be required. **Note that all units are filled; please call to be waitlisted.**

New Observational Sketching and Writing

Dan McCullough

Dates: 3 Fridays, Jan. 27, Feb. 3, 10, 10:00-noon

Fee: \$60M/\$75NM

Many great naturalists have expressed themselves through words and drawing. Using winter as a backdrop, we'll combine these activities as we produce our own journals. We will also put our eyes to the test with several observation games.

The Key to ID

Dan McCullough

Dates: 3 Fridays, Mar. 2, 9, 16, 10:00-noon

Fee: \$60M/\$75NM

Winter is a great time to sharpen our identification skills. From minerals to mushrooms, bones to buds, we'll study one of the most overlooked features of a good field guide—the key! We'll learn the skills to effectively ID many of the natural objects at Habitat... and a few others selected for this unit.

Up Close: Vernal Pools

Dan McCullough

Dates: 3 Fridays, March 30, April 6, 13, 10:00-noon

Fee: \$60M/\$75NM

When winter's snow and ice melt away, Habitat's vernal pools are in full swing. Water boatmen, predacious diving beetles, and wood frogs are just a few of the inhabitants we will look at. We will also visit area pools and discuss the requirements of certifying these annual wonders.

Saving the Nest For Last

Dan McCullough

Dates: 2 Fridays, April 27 & May 4, 10:00-noon

Fee: \$40M/\$50NM

As spring arrives, different species of birds will be at Habitat to build nests and breed. We will study bird behavior, anatomy, and nesting habits. We will also visit the nesting boxes in the meadow. We will even do our own version of Mass Audubon's annual Bird-A-Thon.

Fall 2012 Early Registration for Nursery School Naturalists

Information

Nursery School Naturalists is a weekly drop-off enrichment program for children who will be 3 or 4 in September, 2012. The program begins indoors, but goes outside every week for about half the session, whatever the weather. It is our belief that children can better form a positive relationship with nature by experiencing it firsthand rather than getting information from television shows or even from objects brought out of nature. The program marked its 17th year in 2011.

Registration

To enroll a child, please complete the form below and return it with a **registration fee of \$100** by 4:00 pm on **Thursday, March 29**. All registrations received by that date will be placed in a lottery and registrations drawn to fill the spots. Notifications will be sent out in early April.

Payment and Refund Policy

All registration fees are non-refundable and non-transferable. If your child is accepted into the program, the balance is due July 15. If you **withdraw from the program, either before or after it begins, you will receive a pro-rated refund based on the number of classes remaining, minus the \$100 registration fee.** If you are not chosen in the lottery we will add your child's name to our waitlist and your **registration fee will be returned.** Please call us with any questions you may have.

Choosing a Session & Waitlists

If your child will be 3 by September, 2012, you are eligible for sessions 2 or 4. If age 4 by September, 2012, you are eligible for sessions 1 or 3. **Please choose only the sessions you are willing to accept.** If your child is not chosen in the lottery, you will be waitlisted for only the choices you checked off.

Sessions and Dates

Session 1: (For children age 4 by September, 2012)
30 Tuesdays *See weeks below* 9:30-noon \$900

Session 2: (For children age 3 by September, 2012)
30 Wednesdays *See weeks below* 10:00-noon \$720

Session 3: (For children age 4 by September, 2012)
30 Thursdays *See weeks below* 9:30-noon \$900

Session 4: (For children age 3 by September, 2012)
30 Fridays *See weeks below* 10:00-noon \$720

Classes start the week of 9/17 and run the weeks of 9/24, 10/1, 10/8, 10/15, 10/22, 10/29, 11/5, 11/12, 11/26, 12/3, 12/10, 1/7, 1/14, 1/21, 1/28, 2/4, 2/11, 2/25, 3/4, 3/11, 3/25, 4/1, 4/8, 4/22, 4/29, 5/6, 5/13, 5/20 and end the week of 5/27.

Membership

Mass Audubon membership is required for participation. If you are not currently a member you may join by including payment with the form below.



Nursery School Naturalists / 2012 Early Registration Form

Make check out to *Mass Audubon/Habitat*. Mail to 10 Juniper Rd. Belmont, MA 02478.

Adult's Name: _____

Address: _____

City: _____ Zip: _____

Phone (day): _____ (night) _____

E-mail Address: _____

Child's Name: _____ Age: _____ Date of Birth: _____

3 Year-old Programs

My first choice is: _____ Wednesday _____ Friday

My second choice is: _____ Wednesday _____ Friday _____ no second choice

4 Year-old Programs

My first choice is: _____ Tuesday _____ Thursday

My second choice is: _____ Tuesday _____ Thursday _____ no second choice



Mass Audubon membership payment enclosed (separate check or charge of \$65 if not a member): \$ _____

Registration Fee (\$100): \$ _____

Total Enclosed: \$ _____

I have read the refund policy above and understand that refunds will be given according to this policy.

Please sign _____ Date _____

Adult Programs

Wednesdays are for Walking! Or Skiing!
Join us on the following Wednesdays to stretch your legs and see Habitat in a whole different way!

Fresh Air Lunchtime

4 Wednesdays, January 11-February 1, Noon-1:00 pm
FREE, registration not required

Come out, soak up some vitamin D and breathe in the crisp winter air while we walk, snowshoe or cross country ski the sanctuary and beyond. *Call us the morning of the program to know if we will be skiing or walking. Bring your own equipment. Meet at the log circle near the visitor's center.*

Wednesday Morning Walks

6 Wednesdays: April 25-May 30, 8:00-9:15 am
FREE, registration not required

April 25 10 Signs of Spring—with Jenny Ta & Florence DiTirro
May 2 How to ID a Tree from its Bark—with Stu Watson
May 9 Spring Wildflowers—with Boot Boutwell
May 16 Lone Tree Hill Walk—with Roger Wrubel
Meet in the Belmont Hill Club parking lot - 825 Concord Ave
May 23 Hike and Sketch—with Suzanne Lefebvre
Bring sketchbook and pencil if you have them
May 30 Slime Molds—with Dan McCullough

Bald Eagles and Snowy Owls Field Trip

Paul Roberts

Date: Saturday, January 21, 8:00 am-2:00 pm
Fee: \$48M/\$60NM

Winter is the time to look for Bald Eagles, Snowy Owls, and even rarer wintering raptors. The field trip to the Newburyport/Plum Island area will help you learn how to find wintering eagles and owls. *Dress warm in layers, bring a lunch, binoculars and a field guide to the field trip.*

Natural History Reading Group

Elizabeth Atkins

Dates: 5 Wednesdays, Mar. 14, 28, Apr. 11, 25, May 9
7:30-9:00 pm
Fee: \$30M/\$37NM

Join us for another season of reading and discussion of natural history writing. At the first meeting, we will decide on books for later meetings and also discuss The View From Lazy Point by Carl Safina. Please bring your own suggestions!

Eating Wild

Russ Cohen, author of Wild Plants I Have Known and Eaten

Date: Monday, March 19, 7:00-8:30 pm
Fee: \$5

Join Russ Cohen for a lively slide show featuring the multitude of wild plants in our neighborhoods. Russ will talk about identifying, gathering and eating wild plants in an enjoyable, safe and environmentally responsible way. You can also enjoy tasting black walnut baklava and other wild treats! (all proceeds to fund HIP—Habitat Intergenerational Program). *Snow date: Monday, March 26.*

American Heart Association First Aid/CPR/AED

Juanita Allen Kingsley, W-EMT

Date: Saturday, March 31, 10:00 am-2:00 pm
Fee: \$85

The American Heart Association Heart Saver First Aid course covers how to manage illness and injuries in the first few minutes until professional help arrives. Course content includes General Principles, Medical Emergencies, Injury Emergencies, and Environmental Emergencies. You'll learn how to recognize and respond to sudden cardiac arrest and stroke. We cover CPR and how to relieve choking in adults, children, and infants. We'll learn how to properly use an AED defibrillator. Upon completion of the course, you'll receive 2-year certification in First Aid, CPR and use of an AED. Our goal is to leave you feeling confident and competent to help in an emergency. *Please wear clothing that is comfortable as we'll be on the floor during our CPR practice. Bring a bag lunch as we'll take a break in the middle of the class. Teens are welcome.*

Morning Migration Bird Walks

Bob Stymeist

Dates: 3 Thursdays, April 5, 19, & May 3 7:00-9:00 am

Meet in the Rock Meadow parking lot, off of Mill Street in Belmont

Dates: 2 Thursdays, April 12 & 26, 7:00-9:00 am

Meet in the Habitat parking lot

Fee: FREE No registration required.

Join Bob for another season of free birding walks. We'll be keeping an eye out for spring migrants and breeding species during the morning hours.

Appreciating Nature

Chris Stix

Date: Sunday, April 29, 9:30 am-12:30 pm

Fee: \$16M/\$20NM

Appreciating Nature is a way for us to enhance our powers of observation, our joy and wonder with being present in nature and our artistic eye for the natural world. You will share in activities that enable you to observe more effectively, to experience the exceptional beauty that is all around you and to deepen your connection with the natural world. The program starts with exercises focused on observing the natural world and finishes with exercises that help us express our connection to nature. *Please bring a water bottle and something to sit on the ground. Chris Stix, has an environmental degree from the University of Wisconsin. He was trained by Joseph Cornell, the author of Listening to Nature. Chris runs programs in the Boston area.*

Mt. Auburn Trees

Elizabeth Atkins

Date: Saturday, May 5, 9:30-11:00 am

Fee: \$12M/\$15NM

Spring is a great time for a leisurely walk at Mt. Auburn Cemetery. Join us as we enjoy the many species of trees in all their springtime splendor. We'll examine their trunks and buds and discuss their role in history. *Meets in Cambridge at the Mt. Auburn Cemetery main parking lot.*

Hike Habitat to Stonehurst

Roger Wrubel

Date: Saturday, May 5, 8:00 am-12:30 pm

Fee: \$20M/\$25NM per person

The Western Greenway includes over 1,000 acres of green space running through Lexington, Waltham and Belmont. The Friends of the Western Greenway have been busy building trails, boardwalks, and bridges to extend the greenway trail that eventually will be a 12-mile loop connecting the parcels. We now have reached an important juncture; a 6.5 mile trail from Habitat to the Robert Treat Paine Estate, in Waltham, is now open for serious hiking. Join us as we make this journey from Habitat to Stonehurst. *Bring water and a snack or lunch. Return transportation provided.*

Bird-A-Thon 2012 Programs

(See page 13 for more B-A-T info!)

Bird-A-Thon is a 24-hour birding event to introduce new people to the pleasures of birding as well as improve the skills of those already involved at whatever level. It is also a major fund raising event to support Habitat or any other Mass Audubon sanctuary you designate. You can make a donation, join a team and ask your family and friends to support your efforts, or participate in one of the programs described below. For more information contact Roger Wrubel at Habitat, 617-489-5050, and rwrubel@massaudubon.org.

Birding Plum Island

Paul Roberts

Date: Saturday, May 12, 6:00 am-noon

Fee: \$40

Plum Island is a natural barrier island stretching 8.5 miles south along the Atlantic coast from the mouth of the Merrimack River. It is part of the Atlantic migratory bird flyway and is an excellent place to see a large variety of shorebirds, raptors and songbirds including many spring migrants heading north to breeding grounds. Expect to see 75-90 species.

Birding Newburyport and Vicinity

Paul Roberts

Date: Saturday, May 12, Noon-6:00 pm

Fee: \$40

Sites include Plum Island, the inner harbor east of Newburyport, Joppa Flats, and several other areas nearby.

Bird-A-Thon Marathon

Paul Roberts

Date: Saturday, May 12, 6:00 am-6:00 pm

Fee: \$75

That's right! The whole day! If you are up for 12 hours of birding, join Paul as he birds Plum Island, Newburyport, and vicinity. Believe me, you'll sleep well that night. Expect to see 90-100 species. **All registrants who survive the day will receive a special B-A-T t-shirt!**

Lady Slippers and Other Wildflowers

Boot Boutwell

Date: Saturday, May 19, 9:30 am-12:30 pm

Fee: \$16M/\$20NM

It's May in Massachusetts and that means that the pink lady slippers are in flower. Come to Habitat to enjoy and learn about these beautiful orchids which are also known as "moccasin flowers" and "squirrel shoes." We will also seek out the many other late spring wildflowers that are in bloom. The program will focus on wildflower ID as well as fun and interesting natural history. We'll even learn about a Chipewewa Indian remedy for craziness!

Introduction to Shorebirds

Paul Roberts

Lecture: Wednesday, July 11, 7:00-9:00 pm

Lecture Fee: \$15M/\$18NM

Field Trip: Saturday, July 14, 7:30 am-1:30 pm

Field Trip Fee: \$48M/\$60NM

Shorebirds are spectacular and elegant. No other birds are so visible, yet can be confusing for so many. Learn how to identify shorebirds in an evening slide and video lecture. Our field trip will be to Plum Island and Newburyport. *For the field trip, bring water, sun screen, binoculars, lunch and a field guide. Bad weather date is Sunday, July 15.*

Hawks in Flight

Paul Roberts

Lectures: 2 Wednesdays, 9/5 & 9/12, 7:00-9:00 pm

Field Trip: Saturday, September 8, 9:00 am-3:00 pm

Lecture Fee: \$25M/\$30NM covers both lectures

Field Trip Fee: \$48M/\$60NM each

Fall is the time to see hundreds or even thousands of hawks as they migrate south. Learn to identify them in flight, and where and when to see them. The first lecture introduces thirteen species and their identifying features. The second lecture introduces late migrants and focuses on the nature of migration and specifics on viewing those birds. The field trip will be to either Mt. Wachusett Reservation, Princeton, MA, or Pack Monadnock in Peterborough, NH. *Please bring lunch and binoculars for the field trip. Bad weather date is Sunday, September 9.*

Discover the Nature of Martha's Vineyard!

October 12-14, 2012

October is still a ways out, but it's not too early to start making plans to join Habitat for a weekend trip to Martha's Vineyard. Just a few of the highlights include:

- *Kayaking on Sengekontacket Pond
- *Stroll to the Oak Bluffs Campground
- *Early morning birding at Sepiessa Point reservation
- *Sunset dinner and wine on the beach
- *Climb to the top of Cape Poge Lighthouse



Beginning February 1, call 617-489-5050 for itinerary and pricing.

Scout Programs

Information

Habitat is an ideal place to bring your scout troop. Through hands-on activities, games and outdoor explorations, scouts learn about nature and our place in it. For most programs, we spend the majority of the time out-doors, in all kinds of weather. We have developed many programs based on Boy Scout/Girl Scouts USA requirements to help your troop achieve their badges, but we are also happy to customize a program for your troop. For badge programs, we complete the necessary requirements to earn the badge. Fees include the price of the badges which are distributed at the end of each program

Pre-registration is required for all programs. There is a minimum of 8 participants for each program. One adult for every 5 children is free; additional adults will be charged the program fee.

Registration

All programs must be booked at least two weeks in advance. A non-refundable deposit is due upon registration. Programs may be rescheduled due to severe or inclement weather. Refunds will be issued if you notify us of your cancellation at least one week before the program is scheduled.

To schedule a Guided Walk, please contact Dan McCullough at 617-489-5050 x. 206, or email dmccullough@massaudubon.org. For all other programs, contact Jane Higgins at 617-489-5050, ext. 203, email jhiggins@massaudubon.org.

Girl Scouts

Brownie Try-Its

2 hour programs—\$8.50/person

Animals, Earth & Sky, Eco-Explorer, Listening to the Past, Maple Sugaring, Numbers and Shapes, Outdoor Adventurer, Science Wonders (*Indoor program*), Senses, Space Explorers (*Evening program*), Watching Wildlife, Water Everywhere

Juniors

3.5 hour programs—\$15.00/person

Earth Connections, Eco-Action, Finding Your Way, Frosty Fun, Oil Up, Outdoor Creativity, Plants and Animals, Rocks Rock, Sky Search, Water Wonders, Wildlife

Interest Projects

4.5 hour programs—\$17.50/person

All About Birds, Eco-Action, Wildlife

Boy Scouts

Cub Scouts/Webeles

2 hour programs—\$8.50/person

Birds, Forester, Geologist, Let's Go Outdoors, Native American Life, Naturalist, Night Hike, Outdoor Adventure, Sharing Your World with Wildlife, Space, Take Care of Your Planet, Weather

Boy Scouts

3.5 hour programs—\$15.00/person

Bird Study, Forestry, Gardening, Hiking, Indian Lore, Insect Study, Mammal Study Nature, Orienteering, Reptile and Amphibian Study, Soil and Water Conservation

Eagle Scouts

Habitat offers many opportunities to complete an Eagle Scout project. Past Projects have included pond restoration, trail and boardwalk construction and bird box building and installation. Call for more details.

Guided Walks (for scout & non-scout groups)

90 minute programs offered weekdays. These are not badge programs, though they may meet badge requirements.

\$7.50/person

Maple Sugaring

Programs occur in March.

Magical Spring Pools

Programs occur in mid April/early May.

Secret Life of Salamanders

Programs occur in late April/May.

Volunteer News & Opportunities

HIP Pulling Partners

Ages: 10-Adult, children below 5th grade with adult

Dates: 18 Wednesdays, 2/1-6/20 (not 2/22, 4/18, or 6/6)
2:30-4:30 pm

8 Wednesdays, 6/20-8/22 (not 7/4) 10:00 am-noon

Come and help with the care and maintenance of Habitat, remove invasive species, and much more. We supply gloves, goggles, equipment and refreshments! Community service hours given. *Meet at the visitor center. No registration required. Cancelled if Belmont schools are closed.*

Thursday Garden Group

Dates: Thursdays, April-November, 10:00 am-noon

Learn gardening tips and techniques while working with others in Habitat's beautiful estate gardens.

6th Annual Statewide Volunteer Day

Date: Saturday, April 28, 9:00 am-noon

Ages: All ages and abilities welcome.

HIP joins other Mass Audubon sanctuaries to host the 6th Annual Statewide Volunteer Day. Bring your family, friends and others who want to make a difference! We will be working in the meadows, removing invasives, and doing other conservation projects. There will be something for everyone to do. Community service hours given. Bring a picnic lunch to enjoy after the tasks are done. *No registration required.*



BIRD-A-THON 2012

6 pm May 11 - 6 pm May 12



In May, teams of birders of all levels will scour Massachusetts (shores, forests, meadows, and a few unlikely spots) to find birds to add to their team's list. Sound fun? In addition they'll be raising money to keep Habitat beautiful. Would you like to join the Habitat team! Each team member recruits sponsors to pledge a certain amount of money per bird seen or heard during the 24-hour period. You can also contribute a fixed amount if you like. See page 11 for ways you can go birding with one of the Habitat experts AND contribute! **Raise \$75+ (or get 10 people to contribute) and receive a B-A-T t-shirt!** *Contributions are tax-deductible and will support the Sanctuary's conservation, advocacy, and education programs.*



-
- I would like to pledge \$_____ per species found by the Habitat Team (or specify team member).
 - I would rather send my support now. A check for \$_____ is enclosed.
 - I would like to be part of the bird-watching team. Please contact me.

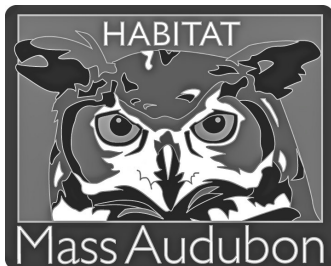
Name: _____ Email: _____

Address: _____ Phone: _____

City: _____ State: _____ Zip Code: _____

Send this form to: Bird-A-Thon 2012, Mass Audubon/Habitat, 10 Juniper Rd, Belmont, MA 02478

Habitat Education Center and Wildlife Sanctuary



About Habitat...

Habitat is one of the staffed sanctuaries of Mass Audubon. We offer diverse environmental programs for all ages on- and off-site. Trails are open dawn to dusk for the enjoyment of members, guests, school classes, and visiting groups. Habitat is also available for conference rentals and festive functions. Some of the outstanding features of the sanctuary are formal flower gardens, ponds, vernal pools, woodlands, and meadows. Please call for more info.

HOURS:

Trails: Daily dawn to dusk

Visitor Center: Mon-Fri 8:30–4:30, Weekends 10–4

FEE:

Mass Audubon Members/Belmont Residents—Free

Non-members—Adult \$4.00, Child or Senior \$3.00

Contact Information:

Habitat Education Center

10 Juniper Rd. Belmont, MA 02478

phone: 617-489-5050

email: habitat@massaudubon.org

www.massaudubon.org/habitat

Habitat Staff

Position	Name	Ext
Sanctuary Director	Roger Wrubel	205
Office Manager	Lisa Becker	200
Teacher/Naturalist/ Camp Director	Jane Higgins	203
Education Coordinator for On-site Programs	Dan McCullough	206
Education Coordinator for Outreach Programs	Marian Miller	208
Property Manager	Sandy Vorce	209
Property Assistant	Stu Watson	210
Preschool Director	Fran Hutchinson	207
HIP Coordinator	Phyl Solomon	617-484-0117
Caretaker	Scott Butler	617-489-0136
Function Manager	Kim MacLeod	500

Registering for Programs

► **Pre-registration** with complete payment is required for most programs. We are happy to accept phone registrations with payment by VISA, Discover or MasterCard.

► **Please register early.** Many programs fill quickly, while others are cancelled due to low enrollments.

► **Refunds** will be issued if you notify us of your cancellation at least one week prior to the program. Habitat reserves the right to change programs, schedules, and instructors and to cancel programs due to low enrollment. If we cancel a program, you will receive a full refund.

► **Waiting lists** may exist for some programs. We will call you in advance if a space opens up for you. Please do not come to the program if you are on a waiting list.

► **Inclement weather** may cause a program to be postponed or cancelled. We will do our best to notify all registrants when a storm date is to be used. Call the sanctuary if you are concerned about the possibility of a cancellation. If a storm date is listed in the newsletter, we expect you to keep that date open and we will not issue a refund if you choose not to attend.

FUNDING PROVIDED IN PART BY



MASSACHUSETTS CULTURAL COUNCIL

Mass Audubon works to protect the nature of Massachusetts for people and wildlife. Together with more than 100,000 members, we care for 34,000 acres of conservation land, provide educational programs for 225,000 children and adults annually, and advocate for sound environmental policies at 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 wildlife sanctuaries, in 90 Massachusetts communities, welcomes visitors of all ages and serves as the base for our work. To support these important efforts, call 800-AUDUBON (283-8266) or visit www.massaudubon.org.



Program Registration Form

Adult's Name: _____
 Address: _____
 City: _____ Zip: _____
 Phone (day): _____ (night): _____
 E-Mail Address: _____

Check one and complete:

Current Mass Audubon Member
 Membership #: _____
 Expiration Date: _____

Nonmember

*A confirmation of your registration will be emailed to you.
 You can also register over the phone (617-489-5050). Thank you!
 For identity safety reasons, we cannot accept registrations by fax or email.*

Program 1: _____ Session: _____ # participants: _____ Fee: \$ _____
 Participant: _____ If child—Birth date: _____ Age: _____ Grade _____
 Participant: _____ If child—Birth date: _____ Age: _____ Grade _____

Program 2: _____ Session: _____ # participants: _____ Fee: \$ _____
 Participant: _____ If child—Birth date: _____ Age: _____ Grade _____
 Participant: _____ If child—Birth date: _____ Age: _____ Grade _____

Program 3: _____ Session: _____ # participants: _____ Fee: \$ _____
 Participant: _____ If child—Birth date: _____ Age: _____ Grade _____
 Participant: _____ If child—Birth date: _____ Age: _____ Grade _____

Program 4: _____ Session: _____ # participants: _____ Fee: \$ _____
 Participant: _____ If child—Birth date: _____ Age: _____ Grade _____
 Participant: _____ If child—Birth date: _____ Age: _____ Grade _____

Program 5: _____ Session: _____ # participants: _____ Fee: \$ _____
 Participant: _____ If child—Birth date: _____ Age: _____ Grade _____
 Participant: _____ If child—Birth date: _____ Age: _____ Grade _____


Program 6: _____ Session: _____ # participants: _____ Fee: \$ _____
 Participant: _____ If child—Birth date: _____ Age: _____ Grade _____
 Participant: _____ If child—Birth date: _____ Age: _____ Grade _____

Please write additional program registrations on a separate piece of paper. Program Fees Total: \$ _____

Mass Audubon Membership Payment (*Separate* Check or Charge of \$65): \$ _____

Total Enclosed: \$ _____

Make checks payable to: Mass Audubon/Habitat
 Mail form with payment to: Habitat Education Center
 10 Juniper Road
 Belmont, MA 02478

Please charge total to: _____  _____  _____  _____

Credit Card # _____ Expiration Date: _____

Signature: _____

If you'd no longer like to receive our newsletter, please call us at 617-489-5050 or email habitat@massaudubon.org

An Eco-gleaning

selected by Elizabeth Atkins

In my high school English class, our teacher every once in a while, in the middle of talking about Keats or Shakespeare or Whitman, would recite an Ogden Nash poem. I thought this would make a good Eco-gleaning for non-birders.

Up From the Egg:
The Confessions of a Nuthatch Avider

Bird watchers top my honors list.
I aimed to be one, but I missed.
Since I'm both myopic and astigmatic,
My aim turned out to be erratic,
And I, bespectacled and binocular,
Exposed myself to comment jocular.
We don't need too much birdlore, do we,
To tell a flamingo from a towhee;
Yet I cannot, and never will,
Unless the silly birds stand still.
And there's no enlightenment so obscure
as ornithological literature.
Is yon strange creature a common chickadee,
Or a migrant alouette from Picardy?
You can rush to consult your Nature guide
And inspect the gallery inside,

But a bird in the open never looks
Like its picture in the birdie books-
Or if it once did, it has changed its plumage,
And plunges you back into ignorant gloomage.
That is why I sit here growing old by inches,
Watching the clock instead of finches,
But I sometimes visualize in my gin
The Audubon that I audubin.

- Ogden Nash, from Verses from 1929 On

A Black Throated
Gray Warbler?
or
A Black and White
Warbler?
or
A Black Throated
Blue Warbler?

Arrrrggghh!!!!

