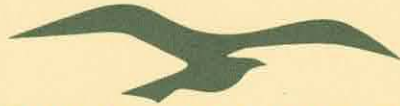


*Norman
Bird Sanctuary*



THE FLYER

VOLUME 62 • NUMBER 01

2012

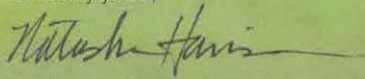


Dears NBS friend,

It seems that these days there is so much to balance. We have our personal challenges balancing work and home, friends and family, activities and rest or just balancing our checkbooks. For me it is the work and home balance that is the biggest challenge, as sometimes work starts to feel like home and home starts to feel like work. We all do the best we can with what we have.

Here at the Norman Bird Sanctuary we have the job of carefully balancing the activities on our property with the programs, events and foot traffic that happens here. We put the wildlife, trees, plants and natural resources first and schedule our human activities thoughtfully around them. Every day we make decisions based on many criteria, but the first priority is the 325 acres and all that lives here. To be truthful it is sometimes a daunting responsibility to be the stewards of such a wonderful place, and the task has kept me awake plenty of nights. When the job becomes overwhelming the simplest way for me to find some balance is to be in nature, even a short walk down to our pond can provide a sense of clarity that is hard to reach otherwise. I feel lucky to have the Norman Bird Sanctuary right outside my window and if you are ever seeking some balance I invite you to give nature a try. We all do the best with what we have and we are fortunate to have the Norman Bird Sanctuary, so please come and enjoy it!

Sincerely yours,



Natasha Harrison
Executive Director



Board of Directors

John Ceglarski ~ Chair
Belinda Nattress ~ Vice Chair
Katherine Farnham ~ Secretary
Patrick Sweeney ~ Treasurer
Rachel Balaban
Karen Augeri Benson
Lorrie Burns
Katherine Farnham
Elizabeth Gibbs
Lisa Lasky
Jay Manning
Jocelyn Sherman
Jacqueline Zahm

Staff

Natasha Harrison, Executive Director
Joseph McLaughlin, Director of Properties
Lesley Muir, Director of Communications
Suzanne Garvin, Director of Development
Kim Botelho, Director of Education
Rachel Holbert, Education Coordinator
Nicole Lavoie, Camp Director
Jerry Moriarty, Properties Assistant



Mabel Norman Cerio

The **Norman Bird Sanctuary** was established in 1949 at the bequest of Mabel Norman Cerio. Its mission, under the charge of her will, was to maintain 235 acres of land "for the propagation, preservation, and protection of birds, and where birds and bird life may be observed, studied, taught, and enjoyed by lovers of nature and by the public generally so interested in a spirit of humanity and mercy."

Over the years, NBS has grown to include more than 325 acres of diverse habitats, and its mission remains true to Mabel Norman Cerio's original vision. Today, the mission of the Norman Bird Sanctuary is to preserve and protect its habitats and resources for the benefit of birds and other wildlife, and for people's education and enjoyment.

Norman Bird Sanctuary
583 Third Beach Road
Middletown, Rhode Island 02842
(401) 846-2577
www.NormanBirdSanctuary.org

Red-tailed Hawks at NBS



resident red tailed hawk catches his prey / photo: Joseph McLaughlin

Spring is in the air, and our resident Red-tailed Hawks, both captive and wild, have taken notice. Visitors can easily spot a wild pair swooping and sunning around our Welcome Center and other buildings. These hawks are unconcerned about humans, affording great opportunities for observation and photographs. They have been prominent residents around NBS since early last summer.

Red-tailed Hawks can be identified by a few "field marks" that distinguish them from other bird of prey species. Adult birds have a rusty-red tail that is visible when they are perched or soaring. They also sport a band of dark speckles across a pale belly, while their backs are dark with two faint "back pack strap" markings. Individuals vary slightly in dark or lightness. They catch Eastern cottontails and muskrats, among other prey. Red-tailed Hawks are essential in controlling the populations of small furry animals that can quickly grow too large without the influence of predation.

The pair of wild Red-tailed Hawks has been diligently building a nest near our Welcome Center. While we give the birds the distance and respect that they deserve, we have been able to watch them swoop low over the Good Gardens and the koi pond with twigs. The male and female share the responsibilities of building the nest, incubating the eggs, and tending the young once they hatch. The eggs will be incubated for 30-35 days. The chicks, usually 2 or 3, will be cared for up to 45 days before they fledge from the nest. We look forward to watching the young hawks later this summer.

NBS is also home to two captive Red-tailed Hawks who were accidentally struck by cars years ago, rehabilitated, and deemed non-releasable back into the wild. These birds now spend time as Animal Ambassadors going out to schools and making appearances at our public events. Our female, named Hawk, has attempted to build a nest of her own earlier this Spring. Captive hawks build nests infrequently, and only if they feel very comfortable in their home. It is rare for them to lay eggs in captivity, and even then they are usually not viable. The younger male, Hunter, has spent time guarding Hawk and her chosen nesting platform. He seems to get in Hawk's way; she screeches in a seemingly annoyed manner at him when he perches on the platform with her.

In order to keep these captive birds of prey feeling secure and comfortable, we only allow staff to access the area around their enclosures. As a result of the work that our birds do out on programs, they have earned some human-free time to rest when they are off duty. Please ask at the front desk about opportunities to see our birds during programs throughout the year.

A Norman Bird Sanctuary Property Update 2012

Joseph McLaughlin

There are many projects underway on the Norman Bird Sanctuary land to support wild life and their habitat. See updates below and watch for the signs of restoration projects on your next visit to the Sanctuary.

NEW ENGLAND COTTONTAIL HABITAT RESTORATION

Our highest profile project this and the next two years is New England Cottontail restoration. This project was featured on the front page of the Newport Daily News, Providence Journal, and Channel 12 & 10 news and even got a mention in USA Today.

New England Cottontail is currently being considered for the U.S. Endangered species list. Loss of habitat is the main reason the cottontail numbers are declining. The U.S. Fish & Wildlife in conjunction with other Federal, State and local government and other private organizations are making a concerted effort to keep this mammal off the endangered list. Since the inception of the endangered species act in 1973 it has been determined for the success of a species it is best to take this approach rather than have all the responsibility on one entity.

New England Cottontail need early succession forest, shrub land and scrubland wetland habitats in order to survive. This type of habitat is dwindling—it's being developed, built on, or becomes forests which are not viable habitat.

When land is developed and built on, the shrub land habitat becomes fragmented and no longer meets the size requirements of the New England Cottontails. New England Cottontail males defend a large territory given their small size—between 0.5 and 8 acres. To put this in perspective, the fairgrounds used for the Harvest Fair take up an area that's 6 acres.

New England Cottontail also requires grasses, clover and fruits during the spring and summer, and eats bark and twigs in the colder months never hibernating. When shrub lands grow into forest, there is a loss of understory, which provide cover from predators available to the Cottontails. Historically, burning and natural forest fires would keep meadows and shrub land from developing into forests; however, these are no longer common practice in New England. When these young, and eventually mature, forests develop, the forest shades out the ground cover and the shrub layer, diminishing the supply of new growth available for the New England Cottontail to feed on as well.

New England Cottontail has been unable to adapt to fragmented and more urban habitat given their requirements for large territory. Other animals have been better able to adapt to developed areas and cities, although it's not ideal habitat. New England Cottontail predators, such as raccoons, possums, hawks, owls and fox, are able to find food in more developed areas, although



their numbers are also declining.

Similarly, Eastern Cottontail is better suited to these habitat changes. Eastern Cottontail was introduced from the Midwest in the late 1880's and again in the 1920's through 1950's to increase game for hunters. New England Cottontail numbers have declined more dramatically because they haven't adapted to the fragmented sites.

Eastern Cottontail and New England Cottontail are prolific breeders—think of the term 'breed like rabbits'. However, Eastern Cottontail have been better suited for withstanding changes in habitat because they need a smaller territory—only 0.25 – 3 acres; you'll often see them in yards eating grass, flowers or in parks consuming the same. Small patches of land can support large numbers of the Eastern Cottontail given their small territories and fragmented patches of scrubland or thicket common in our area.

Visually, New England and Eastern Cottontail are almost identical. Only a well-trained eye can tell them apart. The way to definitively tell them apart is through a DNA sample.

University of Rhode Island has a grant from the US Fish & Wildlife for DNA sampling of Cottontails in Rhode Island. They test scat samples for DNA (the scat is collected by the Norman Bird Sanctuary and at numerous other sites). Through the distribution of scat samples, URI is trying to get a better idea of how widespread and abundant the two types of Cottontails are.

For the restoration project, the Sanctuary received a grant from NRCS (Natural Resources Conservation Service) for \$50,000 for a 3-year grant period. We've committed to restoring 4 acres of shrub land that is dominated by invasive and exotic plant species (Multiflora rose, Russian olive and bittersweet). Each year we'll work on 1.3 acres (a third of the 4-acre site)—so as not to disturb the whole habitat. We're taking a conservative approach to the restoration to minimize disturbance to the cottontail habitat.

Each year, we'll clear 1.4 acres of invasive but selectively leave larger, more established native species (such as Crab apple, Viburnum and native grasses). We'll then plow and harrow to turn the soil and loosen and aerate it. We'll then plant native shrubs including High Bush blueberry, Hawthorn, Pussy willow, Marsh Elder to name a few.



When fields become dominated with Exotic invasive plants the Cottontails diet doesn't have the variety they need to support them, so this project will help provide more food for the New England Cottontails.

New England Cottontails are being bred currently at the Roger Williams Zoo and will eventually be reintroduced into the restored site. The removal process has begun this spring and the project will continue for the next three years.

OTHER GRANTS:

In addition to our work on New England Cottontail habitat restoration, we have other projects to support habitat restoration and wildlife on the Norman Bird Sanctuary.

- Ongoing Grassland restoration: We are continuing to remove exotic invasive species from 44 acres of grasslands on the Norman Bird Sanctuary. Our main target for removal is Multiflora rose. We are currently working on an 8 acre field which will be planted with native cool-season grasses and we've had help from local businesses through volunteer efforts. Embrace Home Loans has provided a tremendous amount of support on this project—we had our largest ever, one-day volunteer effort for the Sanctuary, with Embrace Home Loans providing over 150 employees for a total of 900 volunteer hours. As always, the grassland restoration and all other projects are undertaken without the use of pesticides. All restorations are executed using mechanical methods. This project is possible with a grant from the NRCS.

State of Rhode Island Department of Environmental Management and Department of Transportation Trails Grant: We received 2 grants from the RI Trails recently. One is to replace 1560 feet of snow fence which will be installed along the dune at Third Beach to protect the fragile dune habitat from humans and canines walking in the area, thereby protecting sensitive vegetation from trampling. The second is to replace 400 feet of fencing along Hanging Rock Road which will protect woodland habitat from unauthorized entrance onto Norman Bird Sanctuary property. Both projects will be completed by the end of the summer.

- NRCS grants support: There are several additional projects happening through NRCS support. We are working to increase pollinating species by planting butterfly and bee attracting shrubs. We have also gotten a grant to install 12 additional tree swallow boxes & nesting boxes for bees.



PIPING PLOVER UPDATE

US Fish & Wildlife has once again asked the Norman Bird Sanctuary to monitor Piping plover populations on Third Beach. We have installed virtual fencing (a series of poles & rope that act as a barrier rather than a true fence) and signage around the site that has been used by piping plovers for nesting in the past. We installed fencing and signs in early April and have been monitoring weekly at Third Beach and have not noted any nesting activity as of yet. Monitoring activities will continue for the entire Piping plover season.

As you can see there is a lot happening on the Norman Bird Sanctuary property. Please visit and watch for these projects to unfold.

GET OUTSIDE!



Norman Bird Sanctuary Summer Camp

Programs for Pre-K to Grade 12 | June 25th-August 17th 2012

As the weather warms up and the days get longer, we are anxiously awaiting another fun-filled, summer camp season here at NBS. Our popular camp programs encourage children of all ages to explore nature through hands-on activities including games, hikes, crafts, experiments, gardening, animal encounters and much more. Don't let your child miss out on searching for sea creatures at Third Beach, hiking to Hanging Rock or picking fresh vegetables from our teaching garden. Spaces are filling up quickly, so register soon.

Programs are available for ages 3.5 to 17 and incorporate age appropriate activities. The Sanctuary is also excited to announce that for the first time in NBS history, two weeks of Coastal Camp will be offered in the newly outfitted Third Beach Education Center. Students in grades 3-5 will get their feet wet during a fun filled week of beach side exploration in the Coastal Connections Camp. During our Watershed Ways camp, students in grades 6-8 will explore the local watershed and learn all about the animals and plants found in coastal areas. Space is limited, but we have a few spots left in our Watershed Ways program for grades 6-8.

We want to build strong relationships with our camp families and invite you to share your questions, comments, or suggestions. Please feel free to contact us anytime at (401) 846-2577 or via e-mail at nlavoie@normanbirdsantuary.org. Thank you for your support and participation. We look forward to a great summer camp season!

Online registration is available at www.normanbirdsantuary.org;
Spaces are still available for all age groups. Scholarships available.

SUMMER FUN AT NBS:

Traditional Camp Activities
Hiking to Hanging Rock
Singing silly songs
Peeking under logs
Building forts in the Fairy Forest
Nature crafts and experiments
Catching ocean critters at Third Beach

2012 Summer Camp Program Descriptions
Registration and Weekly Themes available
www.normanbirds sanctuary.org

SESSION DATES

Session 1: June 25 - 29
Session 2: July 2 - 6
Session 3: July 9 - 13
Session 4: July 16 - 20
Session 5: July 23 - 27
Session 6: July 30 - August 3
Session 7: August 6 - 10
Session 8: August 13 - 17

FLEDGLINGS (3.5 - 5yrs):

Monday - Friday 9:00 a.m. - 12:00 p.m.

CHICKADEES (4 - 6yrs):

Monday - Friday 9:00 a.m. - 1:30 p.m.

These half-day programs are the perfect introduction to camp for your young learner. Together, we'll explore the Sanctuary's trails, beach and tidepools, meet education animals, listen to stories, play with puppets, create crafts, and sing songs. For Fledgling campers that just don't want their day to end, we are happy to offer our Chickadees program. This extended day will include a supervised lunch time and more fun activities.

Fledglings: \$130 for Sessions 1, 3 - 8; \$110 - Session 2; Chickadees: \$175 for Sessions 1, 3 - 8; \$145 - Session 2

NATURE DAY CAMP (Entering grades K - 4) :

Monday - Friday 9:00 A.M. - 3:00 P.M.

Join us in our 325-acre outdoor classroom, as we hike along trails, investigate life in and around ponds, get eye-to-eye with snakes

and salamanders, and much more! All camps include hiking, songs, spirited group games, and a trip to Third Beach. Children are grouped by age and led by trained educators.

Nature Day: \$215 for Sessions 1, 3 - 8; \$175 or Session 2

EXPLORERS (Entering grades 4 - 6):

Monday - Tuesday, Thursday, Friday 9:00 A.M. - 3:00 P.M.; Wednesdays 3:00 - 9:00 P.M.

These exciting sessions for older campers are filled with hiking, teambuilding activities, nature discovery, crafts, a trip to Sachuest Point, and a Wednesday evening campfire. This year, Explorers will head OFFSITE on THURSDAYS to nearby nature centers, state parks, and other locations that relate to the theme of the week.

Please note the Wednesday schedules for all Explorers weeks. Explorers: \$240 for Sessions 1, 3 - 8; \$200 for Session 2

THIRD BEACH EDUCATION CENTER: COASTAL CAMPS (NEW)!

(Entering grades 3 - 5; 6 - 8):

Monday - Friday 9:00 A.M. - 3:00 P.M.

For the first time ever, join us for a full week of summer camp at the Norman Bird Sanctuary's Third Beach Education Center. Campers will have the opportunity to explore tide pools, catch fish and conduct experiments at our newly furnished Third Beach Education Center.

Session 4: Coastal Connections (Entering Grades 3 - 5); Session 6: Watershed Ways (Entering Grades 6 - 8) Coastal Institute is limited to 8 campers per session. Coastal Camp: \$225 for sessions 4 & 6

RHODE ISLAND ADVENTURES

(Entering grades 6 - 8):

Monday - Friday 9:00 A.M. - 3:00 P.M.

Rhode Island Adventures provides an active, exciting week of scientific investigation and discovery, as students explore local waterways, forests, and other habitats. Each week features at least three offsite trips per week, plus a day trek to Sachuest Point and a hike to Hanging

Rock, RI Adventures: \$295 for Sessions 1, 6 - 8;
\$245 for Session 2

SUMMER CHALLENGE (Entering grades 6 - 8):

Mon - Tues 9:00 A.M. - 3:00 P.M.; Wednesday 12:00 p.m. - Friday 12:00 P.M.

This exciting camp for students entering grades 6-8 provides hiking, outdoor adventure, and an overnight experiences at NBS! Monday and Tuesday follow the regular 9:00 - 3:00 schedule, but campers arrive on Wednesday at 12:00 p.m. for two nights of camping and must be picked up by noon on Friday. Activities include a day trip to Sachuest Point, hike to Hanging Rock, and two offsite trips. **Summer Challenge: \$355**

**HIGH SCHOOL SERVICE CAMP
(Entering grades 9 - 12):**

Monday-Friday 9:00 A.M. - 3:00 P.M.

Earn your service hours for school while having fun and helping your community! Due to great success in 2010, NBS is please to offer our Service Camps for high school students once again. The two sessions will provide campers the opportunity to work with local environmental organizations and NBS staff.

Service may include working in community centers, trail maintenance, beach clean-ups, gardening, and more. This is also a great opportunity to get job related experience if you're interested in a career in the environmental field.

High School Service Camp Session 6 & 8: \$295





PUBLIC PROGRAMS

June - August 2012



FAMILY PROGRAMS

FIREFLIES!

Thursday, June 7, 7:30 - 8:30 p.m.
\$5 Members, \$7 Nonmembers
Are your favorite memories from childhood catching fireflies in early summer? Come to NBS for a special nighttime presentation and hike as we unlock the secret world of these mysterious creatures. In this program we will explain the flashing patterns and mating techniques of the awesome insects and explain how you could become an integral piece of the puzzle as a citizen scientist!

STORY TIME IN THE GARDEN,

Tuesdays, 10 - 11 am.
\$3 Members, \$6 Non-members
Join NBS staff for a story in the perfect outdoor classroom. Each story will be followed by a craft or an adventure on one of our many trails. This program is appropriate for children ages 3 to 6 years.

June 12 - Crab Moon by Ruth Horowitz

June 26 - Near One Cattail: Turtles, Logs, and Leaping Frogs by Anthony D. Fredericks

July 10 - The Bugliest Bug by Carol Diggory Shields

July 24 - In the Trees, Honey Bees by Lori Mortensen

August 7 - Forest Night, Forest Bright by Jennifer Ward

August 21 - No storytime - please join us for Musical Celebrations at 10:30 FREE

September 4 - City Hawk: The Story of Pale Male by Meghan McCarthy

September 18 - Ready, Set, Swim! By Marcus Pfister

SUMMER TREE IDENTIFICATION,

Thursday, June 14, 6:00 - 7:30 p.m.
Free Members, \$5 Nonmembers
Join Jacqui our Americorps educator and certified arborist to learn how to identify deciduous trees in the summer by observing leaves, twigs, barks, fruit, branching patterns and form. The class will begin with a brief indoor section with a PowerPoint and then hike the trails of the Norman Bird Sanctuary identifying trees.

FATHER'S DAY HIKING AND HAMBURGERS,

Saturday June 16, 12:00 - 1:30 p.m.,
\$8 members, \$10 nonmembers
Dads and children under 3 are FREE
Start Father's Day weekend with an interpretive hike to Red Maple Pond. Following the hike we will gather by the studio for a delicious lunch prepared over a camp fire. The entire family is welcome and Dads are free-of-charge.

BIRDING LECTURES

WITH CHARLES CLARKSON,

Sundays, 10:30 - 11:30 a.m.
Free Members, \$4 Non-members
Charles Clarkson grew up with a fascination for birds. He received a Master's degree from Virginia Commonwealth University, where he researched bird songs using the Prothonotary Warbler. Following his degree, Charles worked as a supervisor for a Red-cockaded Woodpecker conservation project on Camp Lejeune Marine Corps Base in North Carolina. Charles left his position to pursue a doctorate in Ornithology and he received his PhD from the University of Virginia, where his dissertation research investigated the effects of mercury on developing waterbird species (herons, egrets, ibis, and cormorants). Over the years, Charles has also been involved with a number of projects researching owl demography and conservation.

Charles currently serves as co-chair for the Conservation Committee for the Waterbird Society and teaches Ornithology, evolution, and ecology for The Semester At Sea. His use of photos and videos make these presentations exciting and interesting for birding enthusiasts of all levels.

June 24 - Bioindicators: The Use of Birds for Conservation

Using birds to indicate the "health" of an ecosystem in common in conservation. But, what is a bird truly capable of telling you? This lecture will explore the use of birds as bioindicators and their utility when it comes to efficient habitat management.



July 8 - Sexual Selection: Honesty in Advertising

Anyone that has spent time watching birds in the temperate zone has noticed the elaborate plumage that males possess in order to attract females. This trend is only exaggerated in the tropics, with males of some species displaying gaudy plumage and engaging in ritualized dance. This lecture will explore the evolutionary reasons behind such displays and examine some amazing plumages and displays in the tropics.

July 22 - Habitat Fragmentation: Edges, Parasites, and Invasives

With timber harvest currently removing millions of acres annually from our forests, birds are faced with a new set of challenges they must overcome in order to survive. This lecture discusses the threats posed to birds and other wildlife in a fragmented world.

August 5 - Trophic Relationships in Birds: Niche Fulfillment

Birds in temperate zones experience a broad range of climatic variables that make resource abundance changes on a temporal scale. In the tropics, avian species must divide resources temporally and spatially, with many birds adapting arboreal and cursorial lives to monopolize resources. This lecture will explore the difference between species that adopt specialized vs. generalized foraging habits and unique physiological processes that allow them to thrive.

PAINTING ON SILK,

Monday, June 25, 6:00 - 9:00 p.m.

\$45 Members, \$55 Non-members

Discover the fun in painting your own silk scarf with Rachel Balaban. Use the natural setting of the Norman Bird Sanctuary to inspire you. Learn all about silk preparation, stretching, resist, paint application and fixing. Leave the workshop with your own painted silk scarf. Cost includes all materials.

PRESCHOOLERS AND YOU

Session 1: Wednesdays, 1 - 2 p.m., June 6 - 27
\$40/session or \$12/day members, \$50/session or \$14/day nm

Session 2: Wednesdays, 9:30 - 11:30 a.m.,
July 11 - August 1

Session 3: Wednesdays, 9:30 - 11:30 a.m.,
August 8 - 29
\$70/session or \$18/day members, \$80/session or \$20/day nm

Join Marilyn Lyell for this summer series. Marilyn always leads the popular Preschoolers with Parents but we would like to welcome grandparents, nannies, au pairs, or other guardians to this exciting program. It is the perfect opportunity for grown-ups to spend time with their preschoolers aged 3.5 - 5 years. Each session features outdoor discovery walks, animals, games, songs, and puddle stomping on rainy days!

SUNSET RHYTHMS ON THE BEACH,

Thursday, July 12, 7 - 8:30 p.m.

\$5 Members, \$8 Non-members

Join us for an evening on the beach with a campfire, songs, drumming, and marshmallow roasting. The entire family is welcome!

PIPING PLOVERS,

Thursday, July 26, 6:00 - 7:30 p.m.

Free - Members, \$3 Non-members

Its summer in Rhode Island meaning trips to the beach. But we aren't the only ones that missed the sands under our toes, our summer resident the piping plover has also returned. You may have noticed the roped off areas and signs on many beaches in the state. Come learn more about this bird and why all the people go through so much energy to protect it. This program will start with a presentation indoors and conclude with a walk of the Norman Bird Sanctuary beach property learning about whom we share our beaches with and looking for signs of the piping plover

DRIFTING WITH MIKE FREEMAN,

Tuesday, July 17, 5:30 - 7:00 p.m.

Free - members, \$3 Non-members

Mike Freeman is a freelance writer and editor. From 1998 to 2008 he was a fisheries assistant at the Alaska Department of Fish and Game, and has canoed thousands of miles in southeast Alaska. His essays have appeared in the Massachusetts Review; South Dakota Review; the LBJ: Avian Life, Literary Arts; Connecticut Review; and Gray's Sporting Journal. He lives in Newport, Rhode Island. Drifting is a candid account of the author's two-week canoe trip down the Hudson River and offers an introspective and humorous look at both the river and Recession-Era America. New to fatherhood and fresh from ten years in an Alaskan village, Mike Freeman sets out to relearn his country, and realizes it's in a far greater midlife crisis than he could ever be.

With an eye on the Hudson's past, he addresses America's present anxieties—from race, gender, and marriage to energy, labor, and warfare—with empathy and honesty, acknowledging the difficulties surrounding each issue without succumbing to pessimism or ideology. Books will be available for purchase.

NATURE DRAWING,

Tuesday, July 24, 5:30 – 7:00 p.m.
\$8 Members, \$12 Non-members
Whether you're looking to improve your artistic skills, capture nature on paper, or simply want to get your hands dirty with charcoal, pencil, or pen and ink, join us in an evening of drawing instruction. During this session you will sharpen your drawing skills by going back to the basics. Ages 12 and up are welcome to enjoy this opportunity to get up-close with a few of our education animals, biofacts, and other still life materials.

FULL MOON HIKE TO HANGING ROCK,

Wednesday, August 1, 7 – 8:30 pm
\$5 Members, \$8 Non-members
Enjoy this unique hiking opportunity to stay late at NBS and hike to Hanging Rock. We will head out at 7:00 pm and make it to Hanging Rock in time to see the full moon come up over the Eastern horizon. Don't forget your cameras, binoculars, and a flashlight for the hike back.

ALL ABOUT BEES,

Thursday, August 9, 6:00 – 7:00 p.m.
\$3 Members, \$6 Non-members
Join Education Director Kim Botelho and Bee Keeping Extraordinaire, Katherine Farnham for an in-depth look at honey bees and beekeeping at NBS. The program will begin with an indoor presentation then we will head out on the trail to go observe the NBS apiaries, otherwise known as bee boxes.

MUSICAL CELEBRATIONS WITH CHRISTOPHER CAVI CARBONE,

Tuesday, August 21st, 10:30 a.m.
Free for All – no registration required
Celebrate summertime in nature with music, dance & more! This program is for families with children of all ages – from the littlest babies to grown-ups. As always, this program

will be led by Christopher KAVI Carbone and will take place in the Orchard. Please plan on arriving 5-10 minutes early for parking and settling in. If it rains, the event will be held in the Ed Shed.

NATURE CRUISE,

Saturday, August 25, 8:30 a.m. – 12:30 p.m.
\$60 Members, \$70 Non-Members
Join the NBS staff as we steam offshore for our first Pelagic Nature Expedition in Rhode Island waters to celebrate the end of summer. This trip is scheduled during the warmest waters of the year when oceanic life is abundant. Although not a dedicated whale watching trip, seeing feeding whales is a possibility. This expedition will focus on a variety of life seldom seen from shore including feeding jellyfish swarms, sea turtles, pelagic birds such as storm-petrels, shearwaters, gannets, exotic terns and possibly jaegers as they circle the vessel. For fish, a number of techniques will be employed to either view or collect species ranging from large sharks to small fish fry. This trip will be on board the Coast Guard certified party fishing yacht "Seven B's V" out of Galilee. You are welcome to bring your own food or purchase it onboard. There are onboard restrooms and ample parking. Don't forget your camera and binoculars! Hurry! Tickets will sell out quickly for this adventure.





THE FLYER • VOL. 62 • NO. 01



585 Third Beach Road
Middletown, RI 02842



Printed on
Recyclable Paper

NON-PROFIT ORG.
US POSTAGE
PAID
NEWPORT, RI
02840
PERMIT NO. 43