



Woodford cedar run wildlife refuge

4 Sawmill Road
Medford, NJ 08055-8133



REFUGE VISITING HOURS

Monday – Friday: 9am – 5pm

Sat & Sun: 10pm – 4pm



WILDLIFE HOSPITAL INTAKE

Summer: 9am – 7pm

Winter: 9am – 5pm

Seven Days per Week!

Non-Profit Org.
US Postage
PAID

Hoot Waddle & Stroll 5K Trail Run and 1 Mile Stroll - Race begins at 9am, 1 mile stroll begins at 9:15am. Registration is \$35. Pre-registration ensures a race t-shirt. Participants are invited to form teams and fundraise via pledges. Visit our website, www.cedarrun.org for more details and registration information.

Protecting the monarch butterfly

One of our newest projects here is the creation of a Pollinator Garden. This project arose from my dedication and passion for helping animals, especially endangered species and is now the basis for my Master's practicum. The project initially started with a small donation of milkweed by Monarch Watch to create a certified monarch waystation to help the butterflies, but has evolved into so much more. Originally centered around one endangered species, the focus is now to protect all pollinator species including bats, hummingbirds, a multitude of bee and insect species, and of course moths and butterflies. The monarch cannot survive cold weather and therefore migrates to Mexico during winter. In the spring, they fly north to the US and southern parts of Canada, searching for milkweed to lay their eggs. Milkweed is the only food that the monarch caterpillars consume, a food source that makes the butterfly poisonous to all predators for the rest of its life. So, why are Monarchs endangered? Loss of habitat has significantly decreased their population, making it extremely difficult for the adults to find milkweed patches to lay their eggs. Endangered species need our help and introducing pollinator-friendly native plants is a great way to support a multitude of species as well as benefit your own garden!



Located directly behind our Nature Center there are now two plots of common milkweed, one plot of swamp milkweed, two bug boxes, and two pollen bee houses. In the beginning stages of construction is a pollinator hotel that will house many insect species and protect them during the winter season. Towards the end of the summer, we will be adding more native plants that come from a pollinator mix featuring a variety of flowering plants and grasses, all in the hopes of aiding our local pollinators. The project is also being worked on by local Girl Scouts in hopes of adding educational signage, a stone walkway and other features for their Silver award. Next time you come out for a visit, be sure to check out the new pollinator garden and hotel!

By Jen Van Istendal, Office Coordinator

PLEASE VISIT WWW.CEDARRUN.ORG FOR ADDITIONAL INFORMATION

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tales from cedar run



4 Sawmill Road
Medford, NJ 08055-8133

www.cedarrun.org

phone (856) 983-3329

Email info@cedarrun.org

A Red-tailed Hawk without a red tail?

If you have visited recently, you might have met our Northern Cardinal, Henry, and Corn snake, Chloe, both of which are albino. When we move our new resident Red-tailed Hawk to the Animal Housing Area our visitors will also learn about a different color variant known as leucism. Leucism is sometimes referred to as partial albinism because leucistic animals retain some of their normal coloration, however these two pigmentation variations are not related, which makes that label inaccurate.

Albinism occurs when an individual inherits genes from his/her parents that cause the loss of only one type of pigmentation cell known as melanin. This will cause nearly white skin and feathers. In addition, melanin is involved in the coloration of the retina and iris in the eye, therefore albino individuals have red eyes from the loss of pigment. When people look at Henry, the salmon color of his wings, tail, and crest may seem confusing for an albino animal. However, because albinism affects only one pigmentation cell (melanin), other pigmentation cells can still produce color allowing Henry to display this beautiful coloration.

Leucism occurs when there is a defect during development that leads to a reduction of all pigmentation cells. This may cause the assumption that there would be no coloration at all, yet it is quite the opposite. During development only certain cells are affected, not every cell in the body like albinism. Leucistic animals have patchy coloration which



varies between generations and even siblings and is sometimes referred to as piebald. The cells that form the eye are not affected, therefore leucistic animals have normal eye coloration. Our leucistic Red-tailed Hawk is a good example of this condition, showing patchy feather coloration on her head and belly, all white feathers on the back and tail and dark brown eyes. Even her feet are paler than normal colored Red-tail Hawks.

Why is this important? Loss of pigmentation in feathers and the eyes can make living in the wild difficult. Lack of pigmentation in the eyes of albinos can result in vision deficits and light sensitivity which makes locating food difficult. In Henry's case, we have found that he has a difficult time finding perches at a distance. Loss of pigmentation in feathers can lead to feather fragility which can impair waterproofing, temperature regulation, and flight. Not to mention an inability to camouflage. All of these sensitivities are monitored during the long term care of our residents to ensure that they are comfortable and healthy. We highly recommend visiting our new residents to learn more about these very special animals! Henry and Chloe are currently living in our Nature Center and love to charm visitors! Our new Red-tailed Hawk is off viewing until her enclosure is perfect for her big debut!



By Lori Swanson, Director of Wildlife Services 

Our hospital is busier than ever! Here are just a few of the animal releases in 2015.

80 American Robin
16 Blue Jay
22 Common Grackle
12 Cooper's Hawk
15 Eastern Bluebird
173 Cottontail rabbit
207 Grey squirrel
144 Mallard
21 Mourning Dove
95 Raccoon
15 Red-tailed Hawk
47 Virginia opossum
5 White-tail deer



SAVE THE DATE

Sunday, September 18

Autumn with the Animals Festival

Hikes, Crafts, Tours, Music, Food, Programs

\$10/non-members, \$8/members, 12-4pm

Saturday, September 24

Hoot, Waddle and Stroll 5K Trail Run

and 1 Mile Family Fun Walk

Race begins at 9am. Registration through

www.active.com - \$35/person

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OUR MISSION:

Dedicated to the preservation of New Jersey's wildlife and habitats through environmental education, conservation and rehabilitation.

To that end Cedar Run operates the region's busiest wildlife hospital, and engages in conservation efforts through environmental education and ecologically based management of our 171 acres of Pinelands habitats.

Cedar Run offers environmental educational programs for all ages that highlight the connection between wildlife conservation, human health and the importance of protecting the habitats we all share.

Call Us - (856) 983-3329

Visit Us - 4 Sawmill Rd, Medford, 08055

Follow Us - www.cedarrun.org

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VOLUNTEER SPOTLIGHT

Richard and Pam Jones are Cedar Run's donors and volunteers in focus for summer and fall 2016! Richard began volunteering at Cedar Run in 2014, and Pam started earlier this year. They have also made several donations to Cedar Run as members, in support of our adopt-a-wild-one program and our direct mail appeals. In their time with Cedar Run, both have become beloved members of the Cedar Run family.

If you have had the pleasure of working with Richard and Pam, what Richard says about working with wildlife makes perfect sense: "once we actually touched and cared for the wide variety of native wildlife at Cedar Run, we realized how important their preservation is." Also, "caring weekly for our permanent wildlife residents has led me to develop an individual relationship with each animal," and lastly, "Pam and I have carried our wildlife awareness into our everyday lives, not just when we are at Cedar Run." Richard and Pam have high hopes for Cedar Run's future, believe strongly that upgrades to the wildlife hospital are critical to the organization's success, and invite others to look upon Cedar Run in this way: "the organization makes itself available as a resource; it needs to be respected as a place that cares for both wildlife and human needs."

Residents of Medford for 21 years, Richard worked at Computer Sciences

Upcoming Programs:

Raptor Photography Session - Sept 10 & Oct 2, 9-11am Join us for a morning of photography! Get up-close with our education raptors in a natural setting. Limited to 12 participants. *Cost: \$40/members, \$50/non-members. Pre-registration and pre-payment required*

Nature Sketching Workshop - Oct 23, 11am-12:30 pm Explore ways to use nature to create beautiful art projects. Make and take home a special creation. *Cost: \$5/person, suitable for all ages. Advanced registration required.*

Homeschool Programs - Sept 13 & 14, Oct 11 & 12. Begins at 10am or 1pm each day. Knee-high Naturalists (ages 3-5), Nature Nuts (ages 6-8), and Eco-Explorers (ages 9-14). *Cost: \$10/child. Advanced registration required.*

Corporation for 45 years building combat systems for the U.S. Navy and served honorably in the U.S. Air Force for four years; and, Pam was a preschool and elementary school teacher. Pam and Richard believe that service to their families and community are part of their core beings; and, they view serving Cedar Run as both invigorating and restorative to the body, mind and spirit. Without question, they are relied upon by the rehabilitation hospital leaders and volunteers – perhaps more so than anyone who devotes time in helping heal our wildlife. They are volunteers of the highest caliber, entirely in harmony with the Cedar Run environment, serving as so many of our volunteers and donors, not for the recognition of self, but in service to New Jersey wildlife and habitat. "It's a commitment," says Richard, "not something you do casually."



Congratulations, Richard and Pam, on being our donors & volunteers in focus for summer and fall 2016! Thank you both for your continued commitment and service to Cedar Run!

*By John Dixon,
Donor Relations Manager*

Walk on the Wild Side - Sept 11 & Oct 9, 1:30pm. Join us for a themed hike through the refuge. Trails are family-friendly. *Cost: \$10/adult, \$8/child age 4 and up, ages 3 and under free. Advanced registration required.*

Refuge Night Hike - Sept 17 & Oct 15 (program begins at sunset).

Explore the refuge at night! Participants will walk our trails from in search of our nighttime visitors. Bring flashlights, water and comfortable shoes. *Cost: \$10/adult, \$8/child. Suitable for ages 8 and up. See our website for specific times. Advanced registration required.*



FALL FUN AT CEDAR RUN



A day of family fun to support Cedar Run! Wildlife programs, live music, animals, nature hikes, games, face painting, guided tours, canoeing on Cedar Run Lake, and much more! \$10/non-member, \$8/member; children 3 and under free. Food will be available for purchase.



Join us for our 3rd annual 5K trail run or 1 mile stroll! This mostly flat, beginner to intermediate course with varied terrain and scenic views is perfect for beginners and families! Pre-registration is \$35/person until 9/19 and guarantees a race t-shirt.

a very special thanks goes to:
ANIMAL & BIRD HEALTH CARE CENTER & HOSPITAL
ABVP Board Certified Avian Specialists
www.animalandbirdvet.com 856.751.2122 info@animalandbirdvet.com
 South Jersey's #1 Avian & Exotic Specialty Center providing advanced medical care for your small mammals, reptiles and fish.

woodford cedar run wildlife refuge Use this form for either Membership OR Adoption purchases

membership (please choose one)
 Annual memberships support our three-fold mission of habitat conservation, wildlife rehabilitation and environmental education.

- FRIEND** \$1000
- EAGLE CLUB** \$500
- SUSTAINING** \$250
- SUPER FAMILY** \$100
- FAMILY** \$50
- FAMILY OF TWO** \$30
- INDIVIDUAL** \$25

ALL MEMBERS RECEIVE:

- Free admission to Woodford Cedar Run Nature Center
- Year-round hiking trails, picnicing and wildlife watching
- Invitation to members-only events
- Discounts on programs and parties
- Our quarterly Newsletter
- Discounts on purchases of \$5 or more

name _____

address _____

city _____ state _____ zip _____

phone _____ email _____

Please mail form with your check payable to:
Cedar Run Wildlife Refuge
4 Sawmill Road
Medford, NJ 08055

We accept **Visa, MC, Amex** and **Discover**.
 Kindly make note with your payment whether you are purchasing a **membership**, an **adoption**, or **both**.

adopt-a-wild-one! (please check your choices)
 If you are giving an adoption please **also** provide the name and address of the recipient.

<p>▶ \$150 Level</p> <ul style="list-style-type: none"> <input type="checkbox"/> bald eagle <input type="checkbox"/> peregrine falcon <input type="checkbox"/> barred owl 	<p>▶ \$100 Level</p> <ul style="list-style-type: none"> <input type="checkbox"/> red-tailed hawk <input type="checkbox"/> great-horned owl <input type="checkbox"/> gray fox <input type="checkbox"/> raccoon 	<p>▶ \$75 Level</p> <ul style="list-style-type: none"> <input type="checkbox"/> American kestrel <input type="checkbox"/> barn owl <input type="checkbox"/> turkey vulture <input type="checkbox"/> white-tailed deer
<p>▶ \$50 Level</p> <ul style="list-style-type: none"> <input type="checkbox"/> screech owl <input type="checkbox"/> pine snake <input type="checkbox"/> corn snakes 	<p>▶ \$35 Level</p> <ul style="list-style-type: none"> <input type="checkbox"/> mute swan <input type="checkbox"/> American crow <input type="checkbox"/> fish crow 	<p>▶ \$25 Level</p> <ul style="list-style-type: none"> <input type="checkbox"/> eastern box turtle <input type="checkbox"/> Canada goose <input type="checkbox"/> gray squirrel

Annual Adoptions include: Adoption Certificate with Color Photo • One Year Subscription to our Newsletter • Educational Materials • One Free Visit to Cedar Run

other ways to help! (please check below to receive information)

- YES!** LEARN HOW TO LEAVE A LEGACY WITH A BEQUEST GIFT.
- YES!** JOIN OUR TEAM OF VOLUNTEERS.
- YES!** RUN A "WISHLIST" FUND DRIVE.