

BULLETIN

-VOLUME 80, NO. I-

In this issue: Problems at the Hays & Harmar Bald Eagle Nests: What Happened?

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This year, the Hays and Harmar Bald Eagles didn't see the same success as they did last year. What happened?





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This Audubon View

I usually use this space to share important environmental information or to update you on exciting developments at Audubon. This time, I need to ask your help in providing some useful information to us.

As you know, we are very busy working on improvements at our three locations. We're offering new Citizen Science programs, installing Chimney Swift Towers around the region, and preparing for our 100th Anniversary in 2016 (much more on that in the next issue). We're also planning future conservation and education initiatives.



Last year, we developed a filter through which we will evaluate and prioritize future projects. Known as our Bird Friendly Communities Matrix, it identifies five key areas that we believe are critical in creating a bird-friendly school, park, or community. These include:

Keeping Birds Safe: Removing threats to birds.

Helping Birds to Thrive: Creating habitats and places for birds to prosper.

Understanding Birds: Improving our knowledge about birds.

Engaging with Birds: Enjoying birds on the trail or in the backyard.

Birds in Culture: Exploring birds in our minds and our hearts.

We need your help to complete our matrix. We have developed a survey to collect information on needs, interests, and awareness in each of these areas. This information will help to us prioritize projects, develop education programs, and identify partners with whom we can collaborate.

Links to the survey will be in future email blasts and on aswp.org. I appreciate your input and look forward to sharing the results—and future projects—with you.

-Jim Bonner
ASWP Executive Director

DIRECTIONS TO Our Reserves

Trails are open year-round, 7 days a week, dawn to dusk.

BEECHWOOD FARMS NATURE RESERVE:

Take Route 28 north from Pittsburgh to Route 8 North/Butler exit. Turn right at first traffic light on to Kittanning Road, which becomes Dorseyville Road. Travel 4.3 miles and Beechwood will be on your left.

SUCCOP NATURE PARK: Take Route 8 North from Pittsburgh or South from Butler and turn on to West Airport Road. Once on West Airport Road, Succop Nature Park's driveway will be the first road on your left.

TODD NATURE RESERVE: Take Route 28 North from Pittsburgh to the Butler/Freeport Exit 17. Turn right at Route 356 North, and then right at Monroe Road. Travel about 2 miles, and make a right at Kepple Road. Travel 1.5 miles and Todd Nature Reserve will be on your right. Park in the lot and please sign in at the informational kiosk at the cabin. Trail maps are located at the kiosk.





Early 2015 was a rough time in the Hays and Harmar Bald Eagle nests. While both pairs of Bald Eagles were sitting on eggs, the first sign of trouble happened in mid-March when one of the Hays Bald Eagle eggs, which could be seen on the streaming PixController camera, broke.

A few weeks later on March 27, the second and last Hays egg also broke. And on March 30, Audubon confirmed that the Harmar Bald Eagles were no longer sitting on eggs. Because there was no camera on the nest, the abandonment was confirmed by watching the birds' behavior.

So what happened?

Unsuccessful nesting attempts happen every year in the wild, and the exact cause is seldom known. Causes can include poor individual fitness of a bird, weather, and catastrophic events such as predation or nest destruction. In the case of these two Allegheny County nests, we have reason to believe that one of the most obvious factors, severe weather, may be a cause.

The last week of February and first week of March were extremely cold, with sub-zero temperatures and wind chills. While Bald Eagles, in general, are able to cope with this type of scenario and produce viable offspring, the young age and inexperience of both the Hays and Harmar Bald Eagles could have contributed to this outcome.

In their limited experience nesting and raising young, these pairs have not been faced with extremes. Each and every hurdle is new to them. Unfortunately, the extreme cold may have created a differential that could not be overcome for these birds.

Audubon Society of Western Pennsylvania is working with the Pennsylvania Game Commission to monitor and learn more about the overall success of our region's Bald Eagles. We also kept the PixController camera up and running to monitor the birds' behavior around the abandoned nest.

We encourage you to learn, too! Please visit eagles.aswp.org to watch the Hays Bald Eagles, who continue to visit their nest site. And make your contribution to the "Home is Where the Nest Is" campaign, which helps Audubon to cover the cost of purchasing the land where the Harmar Bald Eagle nest is located. The link to make your donation is on our homepage, aswp.org.

100 YEARS OF ASWP

For nearly 100 years, Audubon Society of Western Pennsylvania has been a trusted resource for people interested in learning more about birds and nature. In the next edition of The Bulletin, we'll talk about how we're continuing to evolve and grow—bringing people closer to birds and nature through our expanded programs, projects, and places. The Bulletin was first published in 1922. We also used to publish The Ruffed Grouse, a yearly compendium of technical articles.



Special Events

A NIGHT IN THE WOODS

June 13, 7–10pm / Beechwood Farms Nature Reserve Cost: \$125 per person

Party under the stars as you eat, drink, and listen to music with friends—all while supporting Audubon and Shannon's Camp Fund. Our summer fundraiser features a silent auction and signature drink. Tickets are \$125 per person and are available at aswp.org.

MEMBERS' ANNUAL MEETING

June 24 at 5:30pm / Beechwood Farms Nature Reserve Cost: \$20 per person

Join us to celebrate our newest environmental and conservation award winners and to elect our new trustees. It's a great evening to meet up with old friends who share your love of birds and nature. There's dinner, too!

KEVIN KARLSON, AUTHOR OF BIRDING BY IMPRESSION: A DIFFERENT APPROACH TO KNOWING & IDENTIFYING BIRDS

August date TBD / Phipps Garden Center

Join author Kevin Karlson for a discussion about his new book, "Birding by Impression." Please check aswp.org for updates.

Birding & Nature Hikes

BIRDS & MORE NATURALIST LED MORNING WALKS

Beechwood Farms Nature Reserve: Every Wednesday at 9am

Succop Conservancy: Every Thursday at 9am

Todd Nature Reserve: Every Friday at 9am from June 5-August 28

FAMILY BIRD HIKE

May 2 at 9am / Beechwood Farms Nature Reserve & Succop Nature Park

Spring migration is in full swing! Bring the kids for a family-friendly bird walk to look for spring visitors. Appropriate for all ages. Free.

MIGRATORY BIRD DAY HIKE

May 9 at 7am / Beechwood Farms Nature Reserve & Succop Nature Park

Spring migration season is peaking. Join us bright and early for a peek at the traveling jewels. Experienced and casual birders welcome. Free.

FALL WARBLER MIGRATION HIKE

August 29 at 8am / Beechwood Farms Nature Reserve September 12 at 8am / Succop Nature Park

It's not fall on the calendar, but it is for the warblers. Take some time to watch them take a break on their southward journey. Experienced and casual birders welcome. Free.

JOIN US FOR THE AUDUBON NATURE STORE CUSTOMER APPRECIATION EVENT!

Join us on June 27 from 9am–5pm for our customer appreciation event at Beechwood Farms Nature Reserve. ASWP members receive 15% off purchases and nonmembers receive 10% off purchases. Become an ASWP member during the sale and receive a 15% discount your purchases! Light refreshments will be served. Discount excludes Daugherty, Kowa, Nikon, and Swarovski products; other restrictions may apply.

Audubon at Night

TWILIGHT HIKE

May 15 at 8:30pm / Beechwood Farms Nature Reserve Cost: \$6 per member, \$10 per nonmember

Walk the trails with us as the day turns to night, greeting the bats, frogs and owls. Appropriate for all ages.

LAST SUNSET OF SPRING HIKE

June 20 at 8pm / Succop Nature Park Cost: \$6 per member, \$10 per nonmember

Enjoy Succop Nature Park in the last light of spring. We'll stroll the trails for spring wildlife while watching the sun set and evening approach. Appropriate for all ages.

FULL MOONRISE HIKE

July 1 at 8pm / Beechwood Farms Nature Reserve Cost: \$6 per member, \$10 per nonmember

Walk the trails in the sunset light, then watch the horizon for the rise of the full moon, enjoying the evening air and wildlife as we go. Appropriate for all ages.

FULL MOON HIKE

August 29 at 8:30pm / Succop Nature Park Cost: \$6 per member, \$10 per nonmember

Enjoy the nature park trails under the light of a full moon. Appropriate for all ages.

Preschool Programs

BABES IN THE WOODS

June 4, July 2, August 6, September 3 / Beechwood Farms Nature Reserve June 2, July 7, August 4, September 1 / Succop Nature Park

Little ones get outdoors and enjoy nature with a parent or caregiver. Baby backpacks and trail friendly strollers are welcome! Baby is free; parent or caregiver registers at \$4 member; \$6 nonmember.

FLEDGLINGS

May 14, June 11, July 9, August 13, September 10 / Beechwood May 12, June 9, July 14, August 11, September 8 / Succop Nature Park 10–11 am; Cost: \$4 per member; \$6 per nonmember

Give your 3-5 year old a head start on a lifetime of loving the outdoors. Fledglings programs incorporate stories, a walk, and activities to introduce new and fun nature themes to young participants. Parent or caregiver must be present.

May: The Dandelion Seed June: Swimmy the Fish

August: Dragonfly Jewels September: Amazing Insects

July: Milkweed Babies

Hands-on Programs: Family, Lifelong Learning, Educator, & Citizen Science

RAIN HARVESTING*

May 31, 2-4pm / Beechwood Farms Nature Reserve May 30, 10am-12pm / Succop Nature Park

Water is a precious resource – use it, don't lose it. Learn about the environmental benefits and financial savings Rain Gardens and other rain harvesting techniques offer. Each participant will make a rain gauge to measure rainfall. Appropriate for adults and interested youth. This event is free for ASWP and Fox Chapel Garden Club members; \$6 per nonmember.

LOST LADYBUG PROJECT*

June 6, 2–4pm / Beechwood Farms Nature Reserve & Succop Nature Park

Learn to find and identify these charming beetles, and contribute to a scientific study at the same time. This will be a combination indoor and on-the-trails activity, weather permitting. Suitable for all ages. Free

FIREFLY WATCH*

June 19 at 8pm / Beechwood Farms Nature Reserve June 27 at 8pm / Succop Nature Park

Learn about fireflies and how to count them. We will start inside with a presentation on fireflies, then go outside collect and count them as night falls. A Citizen Science project suitable for all ages. Act 48 eligible (I clock hour). Free.

CITIZEN SCIENCE DATA NIGHT: FROG WATCH & FIREFLY WATCH*

Tuesdays, June 2, 9, 16, 23, 30 at 9pm / Beechwood Farms Nature Reserve

Join ASWP naturalists for their weekly counting session. No experience necessary and appropriate for all ages. Free.

CITIZEN SCIENCE DATA DAYS: LOST LADYBUG PROJECT & MONARCH LARVA MONITORING*

Thursdays, June 4, 11, 18, 25 at 10am / Beechwood Farms Nature Reserve Tuesdays, June 2, 9, 16, 23, 30 at 2pm / Succop Nature Park

Join ASWP naturalists for their weekly counting session. No experience necessary and appropriate for all ages. Free.

PROJECT BUDBURST*

June 20, 2–4 pm / Beechwood Farms Nature Reserve June 20, 10am–12pm / Succop Nature Park

Make an important contribution to a better understanding of climate change. Project BudBurst is a national network of people monitoring plants as the seasons change. We will explain the program and show you how to participate. Session includes time inside and out on the trails. Act 48 eligible (2 clock hours). Appropriate for adults and interested youth. Free.

NATURAL HISTORY FOR EDUCATORS

June 24–26, 9:30am–3pm / Beechwood Farms Nature Reserve Cost: \$225

This survey course will take you through the basics of our field, forest and water landscapes. We will learn to find and identify flora and fauna, with emphasis on the common things you and your students may most likely encounter. We'll also delve into the stories behind these organisms and natural features. Our goal is to give you confidence to explore nature with your classroom. Please bring a bag lunch. 15 hours Act 48 available. Participants will receive a resource kit that is a \$75 value. 48 eligible (15 clock hours.) This course is appropriate for adults.

CITIZEN SCIENCE, MONARCH LARVA MONITORING*

July 11, 10am–2pm / Beechwood Farms Nature Reserve & Succop Nature Park

Learn to provide important information to scientists who are monitoring the plight of the monarch butterfly. We will learn the protocols for proper counting of monarch caterpillars and eggs. Session includes time inside and out in the field. Appropriate for adults and interested youth. Act 48. Free.

CITIZEN SCIENCE DATA DAYS: LOST LADYBUG PROJECT & MONARCH LARVA MONITORING*

Thursdays, July 2, 9, 16, 23 at 10am / Beechwood Farms Nature Reserve Tuesdays, July 7, 14, 21, 28 at 2pm / Succop Nature Park

Join ASWP naturalists for their weekly counting session. No experience necessary. Appropriate for all ages. Free.

CITIZEN SCIENCE DATA NIGHTS: FROG WATCH & FIREFLY WATCH*

Tuesdays, July 7, 14,21, 28 at 9pm / Beechwood Farms Nature Reserve

Join ASWP naturalists for their weekly counting session. No experience necessary. Appropriate for all ages. Free.

FOIL DINNER CAMPFIRE

July 25, 4–6pm / Beechwood Farms Nature Reserve July 11, 4–6pm / Succop Nature Park Cost: \$4 per member; \$6 per nonmember

Bring one-half pound of vegetables and potatoes per person. We'll provide protein, foil, and seasonings for a campfire meal! Advanced registration only—sorry, no walk-ins.

MARVELOUS MILKWEED*

July 11, 1–3pm / Beechwood Farms Nature Reserve July 12, 2–4pm / Succop Nature Park

Join us for a closer look at the plant Monarch Butterflies depend on for survival—milkweed! Expand your existing milkweed stand or start a new one with plants and seeds to take home and grow. Appropriate for adults and interested youth. This event is free for ASWP and Fox Chapel Garden Club members; \$6 per nonmember.

NATURALLY CREATIVE: MAKE & TAKE— PLANTS IN PENDANTS

August 1, 2–3pm / Beechwood Farms Nature Reserve August 1, 10–11am / Succop Nature Park Cost: \$10 per member, \$15 per nonmember

Collect plant parts and nature materials to create a custom miniature terrarium pendant. Appropriate for all ages.

TREE TENDER WORKSHOP WITH TREE PITTSBURGH

August 15, 9am—4pm / Beechwood Farms Nature Reserve Cost: \$40 per person; scholarships available.

Tree Tenders® is a certification training program established by the Pennsylvania Horticultural Society that empowers and prepares citizen volunteers to plant and care for trees in their community. Local non-profit Tree Pittsburgh offers the training locally which covers tree biology, identification, planting, maintenance, community engagement, the Pittsburgh urban forest, pests and disease, and the many health and environmental services provided by trees. Tree Tenders work alongside local tree agencies, leveraging resources and extending the impact of municipal tree stewardship. To register, visit www.treepittsburgh.org/become-tree-tender.

SUMMER EDIBLES

August 22, 10am–12pm / Beechwood Farms Nature Reserve August 29, 10am–12pm / Succop Nature Park Cost: \$6 per member, \$10 per nonmember

Search the meadows and forests of Beechwood for examples of edibles from nature. Free samples! Appropriate for all ages.

NATIVES & NESTERS*

August 22, 2–4pm / Beechwood Farms Nature Reserve & Succop Nature Park

Discover numerous benefits native plants provide for our most beloved birds. Each participate will have the opportunity to create a bird friendly garden space at home from seeds provided. Adults and interested youth. This event is free for ASWP and Fox Chapel Garden Club members; \$6 per nonmember.

GPS TRAIL NAVIGATION WORKSHOP

August 23, 2–4pm / Succop Nature Park Cost: \$6 per member, \$10 per nonmember

Learn how to use a GPS for hiking and geocaching. Bring your own hiking GPS unit or smart phone. Adults and interested youth.

SUPPORT YOUR LOCAL BEE

September 13, 2–4pm / Beechwood Farms Nature Reserve September 12, 2–4pm / Succop Nature Park Cost: \$6 per member, \$10 per nonmember

Honeybees are in the news headlines, but our native bees need love, too. Learn how to help our local native bee species by using native plants and landscape concepts that will provide essential elements insects need to thrive. Each participate will construct a bee nesting block to support local PA bees. Appropriate for adults and interested youth.

PROJECT BUDBURST: FALL INTO PHENOLOGY*

September 19, 10am–12pm / Beechwood Farms & Succop Nature Park

Project Budburst monitors plants for seasonal milestones, such as fall leaf drop. How have these timings changed over the years? Learn how to participate in this Citizen Science program. Almost any plant in your yard can be watched! Appropriate for adults and interested youth. Act 48. Free.

SEED BALL MANIA

September 26, 2–4pm / Beechwood Farms Nature Reserve September 19, 2–4pm / Succop Nature Park

Squish your hands in the mud and make fun seed balls to toss into your garden or meadow. Choose from a variety of native plant seeds to create your own bio-diverse garden creation. Stop by anytime during the hours listed to make your seedballs. Appropriate for all ages. Free.

FALL VOLUNTEER NATURALIST TRAINING

Mondays, Sept 21 through October 26 / Beechwood Farms Nature Reserve 9:30am-2:30pm

Learn how to lead our nature field trips for children. No experience necessary. Just bring enthusiasm for communicating nature to youngsters—and lunch—we'll provide the rest. Application and details available at http://goo.gl/TvSIaU.

*Citizen Science programs are offered for free through a generous grant from Dominion Foundation.

**Native plant programs are discounted through a grant from Fox Chapel

SPRING/SUMMER 2015 Calendar of Events

Beechwood Farms Nature Reserve

- 2 Native Plant Event: Opening Day
- 2 Audubon Nature Store Yard & Garden Sale
- 2 Family Bird Hike
- 6 Birds & More Naturalist Led Hike
- 9 Migratory Bird Day Hike
- 10 Mothers' Day Brunch & Birdhouse Painting
- 13 Birds & More Naturalist Led Hike
- 14 Fledglings: The Dandelion Seed
- 15 Twilight Hike
- 20 Birds & More Naturalist Led Hike
- 27 Birds & More Naturalist Led Hike
- 31 Native Plants: Rain Harvesting

JUNE

- 2 Citizen Science Data Night: Frog Watch & Firefly Watch
- 3 Birds & More Naturalist Led Hike
- 4 Babes in the Woods
- 6 Citizen Science Data Days: Lost Ladybug/Monarch Larva
- 9 Citizen Science Data Night: Frog Watch & Firefly Watch
- 10 Birds and More Naturalist Led Hike
- II Fledglings: Swimmy the Fish
- II Citizen Science Data Days: Lost Ladybug/Monarch Larva
- 13 A Night in the Woods: Into the Woods
- 16 Citizen Science Data Night: Frog Watch & Firefly Watch
- 17 Birds & More Naturalist Led Hike
- 18 Citizen Science Data Days: Lost Ladybug/Monarch Larva
- 19 Citizen Science: Firefly Watch
- 20 Citizen Science: Project Budburst
- 23 Citizen Science Data Night: Frog Watch & Firefly Watch

- 24 Birds & More Naturalist Led Hike
- 24 Members' Annual Meeting
- 24-26 Natural History for Educators
- 25 Citizen Science Data Days: Lost Ladybug/Monarch Larva
- 27 Audubon Nature Store Customer Appreciation Event
- 30 Citizen Science Data Night: Frog Watch & Firefly Watch

JULY

- I Birds & More Naturalist Led Hike
- I Full Moonrise Hike
- 2 Babes in the Woods
- 2 Citizen Science Data Days: Lost Ladybug/Monarch Larva
- 7 Citizen Science Data Nights: Frog Watch & Firefly Watch
- 8 Birds and More Naturalist Led Hike
- 9 Fledglings: Milkweed Babies
- 9 Citizen Science Data Days: Lost Ladybug/Monarch Larva
- II Native Plants: Marvelous Milkweed
- II Citizen Science: Monarch Larva Monitoring
- 14 Citizen Science Data Nights: Frog Watch & Firefly Watch
- 15 Birds & More Naturalist Led Hike
- 16 Citizen Science Data Days: Lost Ladybug/Monarch Larva
- 21 Citizen Science Data Nights: Frog Watch & Firefly Watch
- 22 Birds & More Naturalist Led Hike
- 23 Citizen Science Data Days: Lost Ladybug/Monarch Larva
- 25 Foil Dinner Campfire
- 28 Citizen Science Data Nights: Frog Watch & Firefly Watch
- 29 Birds & More Naturalist Led Hike

AUGUST

- I Naturally Creative: Make & Take—Plants in Pendants
- 5 Birds & More Naturalist Led Hike
- 6 Babes in the Woods
- 12 Birds & More Naturalist Led Hike

AUGUST (continued)

- 13 Fledglings: Dragonfly Jewels
- 15 Tree Tender Workshop with Tree Pittsburgh
- 19 Birds & More Naturalist Led Hike
- 22 Summer Edibles
- 22 Native Plants: Natives & Nesters
- 26 Birds & More Naturalist Led Hike
- 29 Fall Warbler Migration Hike

SEPTEMBER

- 2 Birds & More Naturalist Led Hike
- 3 Babes in the Woods
- 9 Birds & More Naturalist Led Hike
- 10 Fledglings: Amazing Insects
- 13 Support Your Local Bee
- 16 Birds & More Naturalist Led Hike
- 19 Project Budburst: Fall into Phenology
- 23 Birds & More Naturalist Led Hike
- 26 Seed Ball Mania
- 30 Birds & More Naturalist Led Hike

Succop Nature Park

- 2 Family Bird Hike
- 7 Birds & More Naturalist Led Hike
- 9 Migratory Bird Day Hike
- 10 Mothers' Day Brunch & Birdhouse Painting
- 12 Fledglings: The Dandelion Seed
- 14 Birds & More Naturalist Led Hike
- 21 Birds & More Naturalist Led Hike
- 28 Birds & More Naturalist Led Hike
- 30 Native Plants: Rain Harvesting

JUNE

- 2 Babes in the Woods
- 2 Citizen Science Data Days: Lost Ladybug/Monarch Larva
- 4 Birds & More Naturalist Led Hike
- 6 Citizen Science: Lost Ladybug Project
- 9 Fledglings: Swimming the Fish
- 9 Citizen Science Data Days: Lost Ladybug/Monarch Larva
- 25 Birds & More Naturalist Led Hike
- 16 Citizen Science Data Days: Lost Ladybug/Monarch Larva
- 18 Birds & More Naturalist Led Hike
- 20 Last Sunset of Spring Hike
- 20 Citizen Science: Project Budburst
- 23 Citizen Science Data Days: Lost Ladybug/Monarch Larva
- 25 Birds & More Naturalist Led Hike
- 27 Citizen Science: Firefly Watch
- 30 Citizen Science Data Days: Lost Ladybug/Monarch Larva

JULY

- 2 Birds & More Naturalist Led Hike
- 7 Babes in the Woods
- 7 Citizen Science Data Days: Lost Ladybug/Monarch Larva

July (continued)

- 9 Birds & More Naturalist Led Hike
- II Citizen Science: Monarch Larva Monitoring
- II Foil Dinner Campfire
- 12 Native Plants: Marvelous Milkweed
- 14 Fledglings: Milkweed Babies
- 14 Citizen Science Data Days: Lost Ladybug/Monarch Larva
- 16 Birds & More Naturalist Led Hike
- 21 Citizen Science Data Days: Lost Ladybug/Monarch Larva
- 23 Birds & More Naturalist Led Hike
- 28 Citizen Science Data Days: Lost Ladybug/Monarch Larva
- 30 Birds & More Naturalist Led Hike

AUGUST

- I Naturally Creative: Make & Take—Plants in Pendants
- 4 Babes in the Woods
- 6 Birds & More Naturalist Led Hike
- II Fledglings: Dragonfly Jewels
- 13 Birds & More Naturalist Led Hike
- 20 Birds & More Naturalist Led Hike
- 23 GPS Trail Navigation Workshop
- 27 Birds & More Naturalist Led Hike
- 29 Native Plants: Natives & Nesters
- 29 Full Moon Hike

SEPTEMBER

- I Babes in the Woods
- 3 Birds & More Naturalist Led Hike
- 8 Fledglings: Amazing Insects
- 10 Birds & More Naturalist Led Hike
- 12 Fall Warbler Migration Hike
- 12 Support Your Local Bee
- 17 Birds & More Naturalist Led Hike
- 19 Project Budburst: Fall into Phenology
- 19 Seed Ball Mania
- 24 Birds & More Naturalist Led Hike

Todd Nature Reserve

Birds & More Naturalist Led Hike every Friday morning at 9am; June 5 through August 28.



Memorials & HONORS

Memorials

LOUISE BURKY

Bayer Family Lisa & Tom Schroder

MARY JANE BEHANNA

Della Keruskin

RACHEL CARSON (HARMAR EAGLE FUND)

Sandra Andrews

MARIAN HARRIS

Ginny & Gil Glenn

THOMAS J. HILLIARD, JR. (HARMAR EAGLE FUND)

Dr. & Mrs. E. Reese Owens

DENNIS E. JONES (HARMAR EÁGLE FUND)

Mark Wasser

SALLY JOHNSON

Tingle Barnes Joanne Bradshaw Helen F. Mathieson Gloria & Donald Casey Phyl & Tom Cramer

JOHN KOLESAR (HARMAR EAGLE FUND)

Francesca & Nicholas Kolesar

BOB "ACE" MARTINSON

Marlene Parrish & Robert Wolke

JOHN E. MURRAY, JR.

Marlene Parrish

MICHAEL NAUGHTON

Larry Chaben

Lynne & Glen Williams

Kurt Miller

Neal Altman

DENNIS A. PETRONKO

Marlene Parrish & Robert Wolke

CRAIGIE SUCCOP

Tom Succop

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Steve Tobin

Nancy & Dan Fales

Doris Ely

Colorado River Water Conservation District, Board & Staff (Harmar Eagle Fund)

Dr. & Mrs. E. Reese Owens

(Harmar Eagle Fund)

Peggy & Bob Runnette

Dotty & Nick Beckwith

Bettyann & Fred Diller

Ann Hazlett

Amy & Christopher Treese

Tingle Barnes

Ann Watson

Ann Watson

Ianet Clever

Joanne Bradshaw

Janet & Fred Rimmel

Dana & Don Manges

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Honors

JANE BARNES

Charity Imbrie

LIZ COVERT, MARGARET COVERT. MIKE COVERT & TOM COVERT

Christopher Covert

CHARLOTTE GEORGE

Cathy Droz

EVIE HIRTLE GEORGE (HARMAR EAGLE FUND)

Sandra Andrews

POPS JUNKER

Mr. & Mrs. Robert Junker

MARSHAL GLOD

Carolyn & Daniel Solomon

HESTER BELL MCCOY

Susan B. McIntosh

FRED RIMMEL

Dorseyville Middle School Faculty

TOM & JO ANN SUCCOP

Amy, Michael, Craig & Wills Millin

Beth & Gus Succop

ROXANNE SWANN

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SHERRI & GARY WILSON (GIFT TO SHANNON'S CAMP FUND)

Nancy & Dan Fales

AN AUDUBON MEMBERSHIP MAKES

Audubon Society of Western Pennsylvania (ASWP) is a

Audubon Society of Western Pennsylvania (ASWP) is a nonprofit organization supported in large part through membership dues. You can also join or renew your membership at www.aswp.org.

MEMBERSHIP BENEFITS: 10% Discount on Nature Store Purchases & Bird Seed, Subscription to Bulletin Newsletter, Library & Teacher Resource Center Lending Privileges, Tuition Discounts & Advance Notice on Education Programs, Invitations to Nature Store Open Houses & Special Events, and a 100% Good Feeling for Supporting Environmental Education.

Good reening for Supporting Enviro	onniental Education,
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☐ Check Enclosed	□ Credit Card	
Credit Card No.:		
Expiration Date:		

A copy of the official registration and financial information may be obtained from the Pennsylvania Department of State by calling toll free within Pennsylvania 1-800-732-0999. Registration does not imply endorsement.

SPARK FUND FOR EARLY LEARNING AT THE SPROUT FUND SUPPORTS BALD EAGLE ONLINE EDUCATION

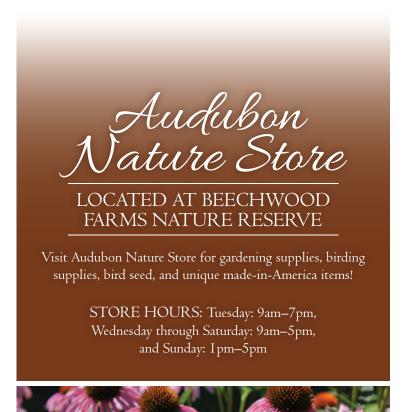
Audubon Society of Western Pennsylvania recently received a grant from The Sprout Fund's Spark Fund for Early Learning to support its online education portal at eagles.aswp.org. The portal provides teachers with online resources to help them integrate Bald Eagle educational components into their curriculum. It also allows teachers and students to enjoy virtual programs with Audubon educators through webcams and use of virtual meeting applications.

While the original intent of the project was to have the educators online in conjunction with the PixController live video feed from the Hays, PA nest, the loss of eggs at the nest necessitated a back up plan. Now, Audubon's educators are using the Hanover, PA nest to provide teachable moments to students across our region. The Hanover, PA Bald Eagles are currently raising two eaglets and is a project of the Pennsylvania Game Commission. We are thankful for the support that The Sprout Fund is providing to us—this project allows us to connect regional students to birds and nature in a real time, real life way. Spark is a program of The Sprout Fund that supports projects in the greater Pittsburgh region that helps children develop hands-on skills and digital literacies by expanding their capacity "to do" as well as "to know."





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