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Nature Center AT SHAKER LAKES

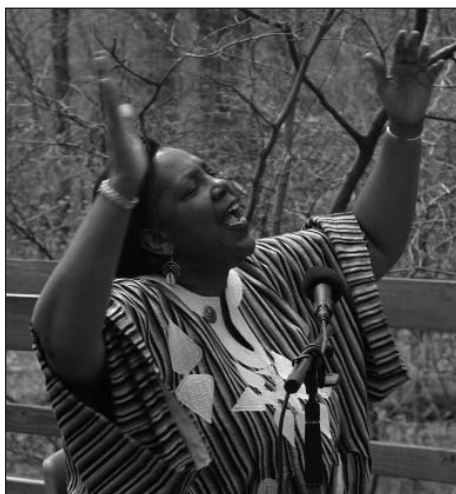
ROOKERY

(n.) breeding ground or haunt of gregarious birds or mammals

March/April 2006

saturday, april 22

CELEBRATE the EARTH!



Barbara Eady entertains crowds with drumming and singing during Celebrate the Earth, 2004.

Lauren Pacini

Join the Nature Center from 1 to 5 p.m. Saturday, April 22, to Celebrate the Earth, a free, fun-filled day that offers plenty for all ages.

Features include acoustic folk music from Earthlinks, storytelling, recycled crafts, wildflower and nature walks, facepainting and Jungle Terry and his live animals.

Volunteers can choose from three service opportunities in honor of Earth Day. See page 3 for details. If you'd like to volunteer for any of the day's activities (see page 6), call Volunteer Manager Sara Thorne at (216) 321-5935 x 237.

saturday, may 6

BREAKFAST WITH THE BIRDS

Celebrate International Migratory Bird Day at the Nature Center.

Activities include bird walks for adults and kids, a live program on birds of prey from Lake Metroparks, displays and activities.

A pancake breakfast is offered from 8 to 10 a.m. for a \$5 fee. (Tickets for the breakfast will be available at Celebrate the Earth, Saturday, April 22.)

Reservations required for breakfast only. Free (excluding breakfast); rain or shine.

- 7:30 a.m. Bird Walk I (1 ½ hours in length, ambitious walking)
- 8 a.m. Optional Pancake Breakfast starts (\$5/person); Location: Meeting Room; Activities and displays on birds open
- 8:30 a.m. Bird Walk II (1 hour in length, leisurely walking)
- 9 a.m. Family Bird Walk (1/2 hour, easy walking)
- 10 a.m. Breakfast Ends
- 10 a.m. Live Birds of Prey
- 11:30 a.m. Programs end

in this issue

Letter from the President 2

Nature Notes 3

Programs & Events 4-5

Points of Interest 6-7

Volunteer Notes 8

Conservation Corner 9

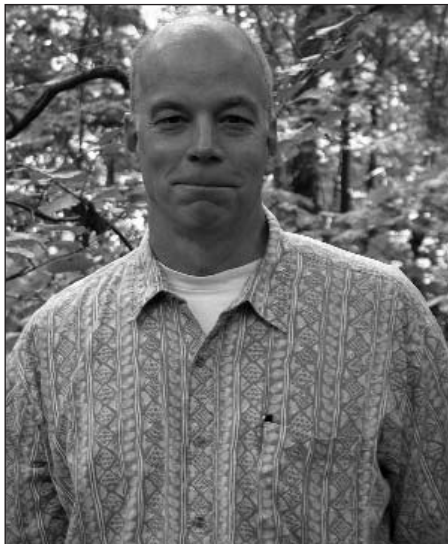
Membership & Development 10

Contributors 11

register NOW for
**SPRING outdoor
adventure classes &
SUMMER outdoor
adventure camp!**

Flyers INSIDE!

LETTER FROM THE PRESIDENT



Rookery is published six times a year for members of the Nature Center at Shaker Lakes.

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The Nature Center at Shaker Lakes conserves a natural area, connects people with nature, and inspires environmental stewardship.



The year began on a sad note for the Nature Center family. Naturalist Ashley Hill passed away in her sleep on January 10. If you met her, it was likely on a Saturday during one of her stints as a weekend naturalist conducting nature walks and birthday parties, or perhaps she helped spark your child's interest in nature as an instructor during summer camp last year. Ashley was 27. She leaves behind her six-year-old son, Liam. It is difficult to comprehend losing someone so young and vital, and we are reminded once again of the fragility of life. Ashley's parents tell us that the Nature Center was a bright spot for Ashley during difficult times. Thank you for keeping Ashley's family, both at home and here at the Center, in your thoughts and prayers.

We are grateful to those of you who have helped sustain and nurture the Nature Center for countless others. Many thanks to the individuals, families, trustees, and organizations who have contributed to our annual Nature Fund - without your gifts, we would not be able to do what we do. Consider what your contributions can accomplish:

- * \$100 could fund a scholarship for one child to attend one week of summer camp
- * \$250 could provide one live "Birds of Prey" program
- * \$500 could allow 25 students from a local school to attend a two-and-a-half-hour class
- * \$1,000 could purchase supplies for an entire summer of Outdoor Adventure Camp
- * \$2,500 could pay for a bio-retention garden for sustainability demonstrations
- * \$5,000 could sponsor a naturalist-in-residence program for three months at an underserved elementary school

With your help, we can continue to provide high-quality environmental education programming and maintain the health of the habitats that make the Nature Center a vital resource. If you haven't already done so, please make your gift now, or call Development Manager Carol Marshall at 216-321-5935 x 223. An envelope is enclosed in this newsletter.

We will celebrate our 40th anniversary with several special events this year, so stay tuned for further details. In the meantime, the next few months are brimming with programs for people of all ages. From Celebrate the Earth to Environmental Town Halls, from Breakfast with the Birds to Outdoor Adventure Classes, there's an experience here for everyone. Turn to pages 4 and 5 to see what's in store for March and April at the Nature Center.

On a final note, on a Sunday morning walk in January, I admired the clear differences in tree bark color and texture - a distinction most apparent in the dead of winter. The first tentative calls of winter resident birds echoed through the woods. And a few plants bravely put up sprouts through the snow. In February, our skunk cabbage emerged as a harbinger of early spring. I urge you to take every opportunity to step into the peace and beauty of the Shaker Parklands to learn, reflect and revel in the great outdoors - and bring a friend with you. Hope to see you on the trails.

John Barber
President, Board of Directors

Explore Nature Inside & Out!

preservation of LIFE

by Leslie Krebs, Education Director / Senior Naturalist

“Spring is coming!” Such is the comment, statement of hope or promise that is often mentioned this time of year, when all around us seems cold and grey. We tend to want it as soon as we can have it. That non-stop show of green bursting forth, the color of wildflowers, the changing songs of our birds, the warmer weather and even the smell and feel of the mud are welcome to us. There are certainly moments when we can’t get enough!

Wouldn’t it be great to have nature instantly on tap as we want it when we want it? That seems to go with our clamor for things like instant meals, digital photos, and e-mail. But nature is one of those things that is still on its own time, elusive, mostly out of our control. Think about how long it takes a mighty oak tree to become that large, or the mountains to be so majestic. And as we reflect, there are other things that still come at a slow pace in this world: learning to read or play a musical instrument, building friendships, knitting a sweater, and many more. Many wonderful and worthwhile experiences take time and patience.

Our way of life has become one of speed. Wendell Berry in his recent anthology, *Missing Mountains*, discusses the “preservation of life” and the ideas that worthwhile things take time and nature is not always in our control, despite our best efforts. He writes that caring for nature – our life support system, our air, water and land – will sustain us and continue to give us life if we work with it and preserve it. The ongoing concern is that we will not be able to continue at our pace and way of life as we



Stefanie Lader

consider the use of these resources. If we have not yet given it much thought, it is time to rethink what and how we are doing.

Clean water and fresh air are life-giving necessities that we care for and hopefully appreciate daily. The Shaker Parklands and the Nature Center provide places not only to learn about those resources but to refresh one’s soul and maybe even to

assist one in slowing down the rapid pace of life. And we should celebrate life, our natural resources and all that we are fortunate to have around us. If you have not yet heard, the Nature Center is 40 years old this year; it took a while to get here!

Come “Celebrate the Earth” with us on Earth Day, April 22 (see front cover) and continue to help us celebrate our anniversary that day and every day. Be part of our mission and help us treat our resources with the care

they deserve (see stewardship activities below) to preserve life and this spectacular world for the many generations to come.

Remember: “Small things lovingly done are always within our reach.” David James Duncan, *Orion Magazine*, Jan/Feb. 2006, Pg. 80.

Happy spring, and happy Earth Day.....be hopeful and do well!

This article was written with our friend, Ashley Hill, in mind, who shared her enthusiasm for all things great and small. May we continue to cherish all that surrounds us.

stewardship opportunities in honor of Earth Day, April 22 & 23

The NCSL and the Doan Brook Watershed Partnership are co-sponsoring the 4th annual Doan Brook Community Clean-up. Dress for the weather and bring drinking water, gloves and your good humor, as we spruce up the environment together. Bags provided.

Saturday, April 22, 9 a.m. to Noon

- **Clean-up around the Shaker Lakes / invasive species pull at the Nature Center** – Meet at the Nature Center Pavilion. Park on the street.

- **Clean-up at Rockefeller Park Lagoon** – Meet at the Gazebo at Rockefeller Lagoon (E. 105th and MLK Jr. Blvd.) Call (216) 291-3304 or (216) 321-5935 x 237.

Sunday, April 23, 1 to 4 p.m.

- **Interfaith clean-up at Forest Hill Park** – Meet at the Shelter, northeast of the ballfields. Parking is off Forest Hill Boulevard. Co-sponsored by Heights Interfaith Council, cities of Cleveland Heights and East Cleveland, East Cleveland Pastors Concerned, the Sierra Club and Grace Lutheran Church.

for ADULTS

**environmental TOWN HALL
brown bag LUNCH SERIES**

Tuesday, March 7, Noon to 1 p.m.
Making Fuels from Algae: A Partial Solution to the Energy Crisis

Dr. Jeff Johansen, Professor of Biology at John Carroll University, has studied algae for most of his career, including time spent at the Solar Energy Research Institute in Golden, Colorado. There, he helped develop technology to obtain fuel from algae. In his discussion, he will address the link between biotechnology and the current energy crisis.

Tuesday, April 4, Noon to 1 p.m.
Business as an Agent of World Benefit

Nadya Zhexembayeva, a Ph.D. candidate in Organizational Behavior at the Weatherhead School of Management, Case Western Reserve University, will teach us the goals of Business as an Agent of World Benefit, and show examples of businesses and organizations that have committed to incorporating sustainability into their missions and practices. Visit worldbenefit.case.edu for more information.

Tuesday, May 2, Noon to 1 p.m.
Saving the Last Great Places in Northern Ohio

Nature Center trustee Kay Carlson, Director of Community-Based programs for the Lake Erie Basin at The Nature Conservancy, will discuss the Conservancy's goals and accomplishments globally, as well as the implementation of comprehensive conservation strategies to protect natural ecosystems in northern Ohio's Lake Erie basin. She will touch upon the locations that the organization is working to protect within the Lake Erie watershed, particularly the Grand River watershed, Upper Cuyahoga River watershed, Western Lake Erie Islands and the Oak Openings region.

nature photography CLUB

All are welcome. The Nature Photography Club meets from 6 to 8 p.m. in the Meeting Room of the Nature Center on the second Thursday of every month. For more information call Volunteer Manager Sara Thorne at (216) 321-5935 x 237 or visit www.shakerlakes.org/photographyclub.htm. Mark your calendar for the following: Thursdays: March 9, April 13, May 11, June 8

FRIENDS programs

Free and open to all. If you have questions or would like to help, please call Leslie Krebs at (216) 321-5935 x 226. RSVP by calling (216) 321-5935.

Tuesday, March 14, 10 to 11:30 a.m.
"Urban Coyotes - Finding the Truths, Debunking the Myths"

Dr. Stan Gehrt, Assistant Professor of Wildlife Ecology at The Ohio State University, has been conducting research on urban coyotes for the past six years. With continual development and an increasing human population, conflicts between coyotes and people are increasing. Dr. Gehrt will present results of his research and address myths and truths about this amazing carnivore. Discussion topics include movements, social behavior, survival, and food habits.

Tuesday, April 18, 7:30 to 9 p.m.
"The Environment and the Media"

Karen Schaefer, reporter, producer and host for WCPN, will discuss the relationship between media and the environment. She will also share her experiences as an environmental reporter.

Saturday, May 13, 11 a.m. to 3 p.m.
Friends 24th Annual Plant Sale & 3rd Annual Native Plant Sale

Purchase annuals, perennials, herbs and native plants. Although we will not be including our homegrown plants this year, we are excited to be adding a much more extensive selection of native plants from Ohio Prairie Nursery. If you'd like to reserve plants, visit the Center's website, www.shakerlakes.org for an online order form and watch your mailbox. Delivery options are available as well. Call (216) 321-5935 for more information. All proceeds benefit the Nature Center.

special program for VOLUNTEERS
Nature Night

Nature Night meets the third Monday of every month, from 6 to 8 p.m. Learn about the world of nature, and join us for an informal potluck, followed by an opportunity to focus on natural history topics. Topics are seasonal. Dress for the weather. Call Sara Thorne at (216) 321-5935 x 237 to register.

Monday, March 20: Join us for a discussion of Richard Louv's recent book, *Last Child in the Woods: Saving our Children from Nature Deficit Disorder*.

Monday, April 17: Ever wonder about the wildflowers you see in the woods? Join us to learn more about these woodland treasures.

Friday, March 17, 8 a.m. to 3:30 p.m. (Dolan Science Center, John Carroll University); 8 p.m. (Cleveland Museum of Natural History) & Saturday, March 18, 9 a.m. to 5 p.m. (Cleveland Museum of Natural History)

Global Climate Change Symposium

Events include a series of speakers, display tables, behind-the-scenes Museum tours, and a screening of the one-hour high-definition film, "Washed Away." Fee required. Registration materials at www.cmnh.org. Open to educators on Friday. All others welcome to attend on Saturday. Co-sponsored by the Nature Center at Shaker Lakes.

Saturdays: April 8 (The Cleveland Botanical Garden) & April 29 (The Nature Center), Noon to 2 p.m.

Rain Barrel Workshops

Construct a rain barrel to take home. Instructor: David Hovis, Ecovillage Cleveland. Fee per barrel: \$25 / member (either organization); \$32 / non-member. To register, call Kristin Ciofani (216) 707-2832 one week in advance of the CBG workshop or Tori Mills (216) 321-5935 x 234, one week in advance of the Nature Center workshop.

Sunday, April 30, 1:30 to 4:30 p.m.

Jewelry Inspired by Nature

(ages 16+) Limit 12.

Learn to work with precious metal clay (PMC) in a step-by-step process to create something special. No experience necessary. Tools and materials provided. \$50 members; \$60 non-members. RSVP by April 25 by calling (216) 321-5935 x 235.

all AGES ~ To register, call (216) 321-5935 x 235.

Tuesday, March 14, 6 to 8 p.m.

Full Moon Nature Hike

Look for nocturnal animals, like red fox and deer, around the cemetery on a full moon. Reservations are \$5 per person. Call Lake View Cemetery at (216) 421-2665 x 3035.

Saturday, April 22, 1 to 5 p.m.

Celebrate the Earth (See cover)

Saturday, May 6, 1 to 5 p.m.

Breakfast with the Birds (See cover)

Tuesday, May 23, 1 to 2:30 p.m.

Grandparent-Grandchild Class

Enjoy the seasons, a hike and other activities planned just for the two of you! Suggested ages: 3 1/2 to 5 years old. Fee per pair: members \$6, non-members \$8. Advance registration for May 23 class required by Tuesday, May 16.

Monday, March 27 to Saturday, May 20

SPRING outdoor adventure CLASSES

Tuesday, June 20 to Friday, Aug. 18

SUMMER outdoor adventure CAMP

To register, stop by the Welcome Desk or call (216) 321-5935 x 235. Visit our website, www.shakerlakes.org/classes.htm to see current class offerings. (Flyers & postcard enclosed)

Programs at a glance

ALL PROGRAMS TAKE PLACE AT THE NATURE CENTER, AND ARE FREE AND OPEN TO THE PUBLIC UNLESS OTHERWISE NOTED.

DONATIONS GLADLY ACCEPTED FOR ALL PROGRAMS.

Art Class meets Saturdays – April 29, May 6; 20; 27, from 1 to 3 p.m. [Four Week Series]

Tuesday, March 7, Noon to 1 p.m.
ENVIRONMENTAL TOWN HALL:
MAKING FUELS FROM ALGAE

Thursday, March 9, 6 to 8 p.m.
NATURE PHOTOGRAPHY CLUB

Tuesday, March 14
10 to 11:30 a.m.
FRIENDS PROGRAM

Tuesday, March 14, 6 to 8 p.m.
FULL MOON NATURE HIKE

Friday, March 17 & Saturday,
March 18 (see write-up for locations
and times)
GLOBAL CLIMATE CHANGE
SYMPOSIUM

Monday, March 20, 6 to 8 p.m.
NATURE NIGHT

Monday, March 27 to
Saturday, May 20
SPRING OUTDOOR ADVENTURE
CLASSES

Tuesday, April 4, Noon to 1 p.m.
ENVIRONMENTAL TOWN HALL:
BUSINESS AS AN AGENT OF
WORLD BENEFIT

Saturday, April 8, Noon to 2 p.m.
RAINBARREL WORKSHOP (at
Cleveland Botanical Garden)

Thursday, April 13, 6 to 8 p.m.
NATURE PHOTOGRAPHY CLUB

Monday, April 17, 6 to 8 p.m.
NATURE NIGHT

Tuesday, April 18, 7:30 to 9 p.m.
FRIENDS PROGRAM

Saturday, April 22, 9 a.m. to Noon
SHAKER LAKES CLEAN-UP /
INVASIVE SPECIES PULL /
ROCKEFELLER PARK LAGOON
CLEAN-UP

Saturday, April 22, 1 to 5 p.m.
CELEBRATE THE EARTH

Sunday, April 23, 1 to 4 p.m.
INTERFAITH CLEAN-UP AT
FOREST HILL PARK

Saturday, April 29, Noon to 2 p.m.
RAINBARREL WORKSHOP

Sunday, April 30, 1:30 to 4:30 p.m.
JEWELRY INSPIRED BY NATURE

Tuesday, May 2, Noon to 1 p.m.
ENVIRONMENTAL TOWN HALL:
SAVING THE LAST GREAT
PLACES IN NORTHERN OHIO

Saturday, May 6
7:30 to 11:30 a.m.
BREAKFAST WITH THE BIRDS

Sunday, May 7, 2 to 5 p.m.
STREAM MONITORING
WORKSHOP

Thursday, May 11, 6 to 8 p.m.
NATURE PHOTOGRAPHY CLUB

Saturday, May 13
11 a.m. to 3 p.m.
FRIENDS ANNUAL PLANT &
NATIVE PLANT SALE

Tuesday, May 23, 1 to 2:30 p.m.
GRANDPARENT-GRANDCHILD
CLASS

Tuesday, June 20-Friday, Aug. 18
SUMMER OUTDOOR
ADVENTURE CLASSES

CLIP & SAVE

CLIP & SAVE

POINTS OF INTEREST

BUG BASH 2006

Work is underway for Bug Bash 2006, the Nature Center's family fundraising event to be held on Sunday, June 25. Devotees of the Nature Center can contact Carol Marshall, Development Manager, at (216) 321-5935 x 223 to provide leads for corporate sponsorship, donate an item for the silent auction, and / or offer to work on a committee. The more the merrier – the bigger the bash – the more we can do to preserve the environment and teach future generations.

volunteers NEEDED

Spring Nature Guide Training Thursdays 6 - 8 p.m. March 9 - April 6



Do you love nature? Are you looking for an exciting volunteer opportunity? Have you always wanted to lead nature walks, but didn't know where or how to begin? If you answered **YES** to any of these questions, then Nature Guides is for you! Learn to make nature come alive for Nature Center visitors of all ages. Guides will lead hour-long Weekend Nature Walks through the Shaker Lakes region, focusing on different habitats, species and themes. Successful guides are friendly, enthusiastic, willing to learn on the job, patient, reliable, good-humored, and have a love of the natural world. Guides must be over 18 - otherwise, no experience required. Location: Nature Center Meeting Room. Call Sara Thorne at (216) 321-5935 x 237 to RSVP.

Celebrate the Earth, Saturday, April 22 Environmental Stewardship: 9 a.m. to 12 p.m. (see page 3) Celebration activities: 1 to 5 p.m.

Celebrate Earth Day by volunteering at the Nature Center's free family event. Recycled craft-making, nature walks and much, much more. More than 40 volunteer positions available. Get involved!

Friends 24th Annual Plant Sale & 3rd Annual Native Plant Sale

Can you give some time on . . .



- Thursday, May 11, for a shift between 7:30 a.m. and 4 p.m.**
- to unload and sort plants, organize and / or deliver customer orders, or help with food for volunteers
- Saturday, May 13, for a shift between 7:30 a.m. and 5 p.m.**
- to unload and sort plants, help walk-in customers, assist with check-out, help with food for volunteers, load cars or assist with clean-up. Native plant specialists also needed.

We also need to borrow children's wagons from Thursday - Saturday. Let us know if you have one to spare. Call Sara Thorne (216) 321-5935 x 237.

a little BIRD told me...

The Duck Pond Gift Store is now featuring...

- + New Identifier bird song cards
- + Wild Republic Audubon singing birds
- + Gift certificates
- + Custom tiles and leaf plates created by local artisan Deborah Dashefsky
- + Knitted bags by Nature Center staff member Lara Roketenetz



Coming soon...

- + Garden supplies for kids and adults
- + Compost bins and accessories

outreach

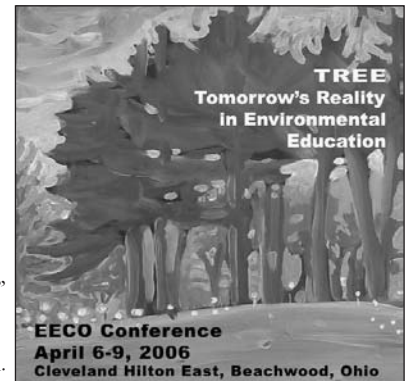
by David Wright, Outreach & Audience Development

Much of the Center's outreach work involves the advancement of environmental education beyond traditional "nature science." In our work at Caledonia Elementary and Michael R.

White Elementary schools, we use Environmental Education (EE) as an integrating context for learning across curricula through grades K-6. Likewise, we use EE to educate communities about water quality and environmental health issues; we even host grant-writing workshops so that our work has a multiplier effect.

Thus we are proud to be leading the statewide committee to bring the **39th Annual Conference of the Environmental Education Council of Ohio (EECO), TREE -Tomorrow's Reality in Environmental Education**, to the Cleveland Hilton East, April 6-9. The conference brings together educators and audiences of all kinds for dynamic sessions, presentations, field trips, speakers and, of course, fun and frolic. This year's conference strands are: Green Buildings, Green Design; Management & Administration of EE and School Programs / Systems; Lake Erie Natural History & Emerging Issues; and Interpretation & Education Programs.

Conference attendees will share experiences with teachers, principals, naturalists, parks administrators, architects, students, business persons and private citizens. The Nature Center is always working to increase the viability of environmental education for all audiences and enhance the skills of practitioners. Our leadership in EECO is a fitting start to the 40th anniversary celebration of the Center. Interested? Check out the EECO website, www.eeco-online.org, or call me at (216) 321-5935 x 233.



Migration Bird Banding Project - Spring, Fall 2005

by Julie West, Avian Research Technician

Spring '05 was an "average" spring for banding birds around the All People's Trail with 303 birds, representing 54 species, banded in 19 days between April 13 and June 3. For comparison, in '02, 457 birds, representing 62 species, were banded in 23 days; in '03, 321 birds, representing 53 species, were banded in 19 days; in '04, 292 birds, representing 55 species, were banded in 20 days; and in '01, 237 birds, representing 52 species, were banded in 20 days.

Highlights included banding three fox sparrows, five Baltimore orioles, one Connecticut warbler, one northern flicker, and 28 yellow warblers. Spring '05 tied '01 for number of wood warbler species banded at 16 species, but 115 individuals were banded in '05 compared with 40 in '01. For comparison, I banded 19 wood warbler species and 173 birds in '02, 14 wood warbler species and 113 birds in '03, and 14 wood warbler species and 84 birds in '04.

A comparison of the most frequently banded species for spring '05 and the number of these species banded the first four springs of the study follows:

Species	Spring '05	Spring '04	Spring '03	Spring '02	Spring '01
Yellow warbler	28	7	17	15	2
American robin	22	9	6	24	12
American goldfinch	19	40	10	33	41
White-throated sparrow	18	25	27	28	2
Magnolia warbler	16	16	37	34	8
Gray catbird	15	21	11	30	36
American redstart	14	14	15	24	5
Song sparrow	13	10	7	4	18
Ruby-crowned kinglet	13	39	51	33	2
Common yellowthroat	12	5	7	15	1
Swainson's thrush	11	6	6	15	6
Canada warbler	10	11	13	9	4
Chestnut-sided warbler	9	4	3	4	0
Swamp sparrow	6	5	2	4	4
Northern waterthrush	6	4	9	6	3

This is the first time that the chestnut-sided warbler has appeared in the top 15 during the study.

Spring '05 had the third highest number of recaptures, 69 compared with 58 for spring '03, 68 for spring '01, 99 for spring '04, and 145 for spring '02. These 69 birds were from 23 species. Twenty-four of the recaptures were originally banded in previous years.

While not part of our study, we located a blue-gray gnatcatcher nest between the parking lot and the brook trail, an American robin nest near the boardwalk between the waterfall and the tree house, a northern flicker cavity nest between the parking lot and the boardwalk, and three Baltimore oriole nests. Unfortunately the blue-gray gnatcatcher nest and the American robin nests appeared to have been predated and new nests were not found. At least one of the Baltimore oriole nests

fledged young.

Fall '05 was by far the most productive season in the five years of this study, with 892 birds, representing 61 species, banded in 26 days between Aug. 22 and Nov. 14. For comparison, in fall '03, 590 birds, representing 64 species, were banded in 25 days; in fall '04, 581 birds, representing 54 species, were banded in 27 days; in fall '01, 573 birds, representing 60 species, were banded in 24 days; and in fall '02, 517 birds representing 58 species were banded in 27 days. New highs for number of birds banded in the fall season were set for 15 species: American goldfinch (128), black-throated green warbler (7), Connecticut warbler (2), golden-crowned kinglet (22), gray catbird (66), gray-checked thrush (11), house finch (36), house wren (12), mourning warbler (10), northern cardinal (22), scarlet tanager (3), white-throated sparrow (118), Wilson's warbler (28), winter wren (13), and yellow-rumped warbler (149).

A comparison of the most frequently banded species for fall '05 and the number banded the first four falls of the study follows:

Species	Fall '05	Fall '04	Fall '03	Fall '02	Fall '01
Yellow-rumped warbler	149		31	90	16
American goldfinch	128	80	71	39	21
White-throated sparrow	118	71	71	58	78
Gray catbird	66	65	41	25	51
House finch	36	3	9	1	7
Song sparrow	35	34	36	33	24
Magnolia warbler	30	52	52	32	31
Wilson's warbler	28	14	18	12	21
American redstart	25	25	29	19	28
Northern cardinal	22	9	11	4	15
Golden-crowned kinglet	22	3	2	12	20
Swainson's thrush	16	25	17	19	30
Northern waterthrush	15	12	4	17	20
Nashville warbler	15	9	15	21	6
Ruby-crowned kinglet	13	12	11	13	30
Winter wren	13	9	1	6	7

Fall '05 is the first time that the house finch is in the top 15.

During fall '05, 142 birds from 26 species were recaptured. Of the 142 birds recaptured, 19 individuals representing eight species were originally banded prior to fall '05. A recaptured male cardinal was banded on the first day of the study in spring '01 and is at least six years old.

Since the study began in spring '01, 100 species have been banded. A total of 145 species have been recorded during banding operations.

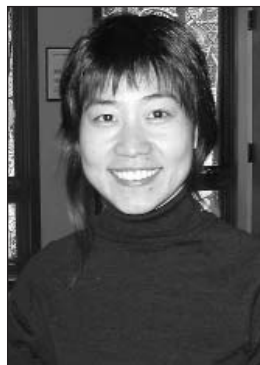
This year, spring banding will begin on April 17 and fall banding will begin the third week in August. If you are interested in volunteering for this project, please contact the Nature Center's Volunteer Manager Sara Thorne at (216) 321-5935 x 237.

volunteer spotlight ~ Kyoko Kawajiri

by Sara Thorne



Sometimes in life little blue birds of happiness show up. Kyoko Kawajiri is one of those little bluebirds for the Nature Center. With a smile that could warm the coldest of Cleveland winters, Kyoko has been a valuable addition to the Nature Center's volunteer corps.



Kyoko Kawajiri

Aly Perez

Kyoko grew up in Osaka, Japan, and attended Kansai Gaidai University where she received a Bachelor of Arts in English Language. After getting married, Kyoko and her husband, Yoichiro, moved to Tokyo where they lived for five years. In June of 2005 the family moved to Cleveland so that her husband could pursue graduate studies at Case Western Reserve University in Non-Profit Management.

Shortly after moving to the area, Kyoko and her family happened upon the Nature Center at Shaker Lakes. Kyoko became interested in volunteering after reading about the Center's history in the exhibit area. Armed with a love of the natural world and experience working with environmental organizations in Japan, she joined our volunteer team in October. Working closely with naturalist Stephanie Bettac and our database designer, Dan Weiss, Kyoko is helping the Center better serve its guests by spearheading a project to redesign certain components of the Nature Center's database.

With tentative plans to return to Japan this June after her husband completes his graduate work, Kyoko hopes to build on the skills she has developed and experiences she has had while volunteering at the Nature Center.

In Memory

The Nature Center mourns the loss of Ashley Hill, a part-time naturalist at the Nature Center. Ashley, age 27, died unexpectedly on Tuesday, Jan. 10. She was the free-spirited and loving mother of her "little man"



Liam. She also had a tremendous group of friends who enjoyed her humor and zest for life. A memorial fund has been created, the Liam Hill College Fund, at the Easton office of Bank One, 6336 Middlebranch Rd. NE, Canton, Ohio 44721.

We extend our deepest sympathies to Ashley's family.

THANK YOU to our volunteers!

(Nov. 19 - Jan. 13, 2006)

Bird Feeding: Mari Keating-Mullaney, Matthew Maier, Ian Mullaney, Bobby Stephen, Jenny Stephen

Celebration of Lights: Karen Ault, Robert Ault, Mark Brauer, Tianca Brown, Pawan Divakarla, Matt Eisenberg, Michael Holstein, Nathan Holstein, Maria Kaiser, Mary Martin, Stephanie Miller, Kanokorn Photinon, Chandra Rajanayagam, Ananthi Selvaraj, Jacob Stauber, Ryan Sullivan, Sally Wile, Margot Youngs

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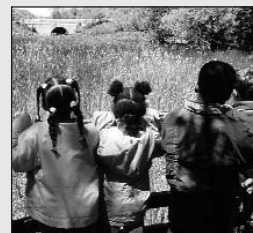
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SUMMER OUTDOOR ADVENTURE CAMP: Camp meets for nine one-week sessions, June 20 - Aug. 18, Tuesdays through Fridays, 9:15 - noon and 12:30 - 3:30 p.m.

working to turn GREEN into a HOUSEHOLD WORD

by Eileen Beal

When Elaine Barnes, executive director of the Cleveland Green Building Coalition, was growing up in Cincinnati, she liked to wear a tiara to school that her grandfather had given her.

“My mom was worried that I was turning into a little Jewish princess,” explains Barnes with a chuckle. “But it wasn’t the tiara I was interested in, it was the rainbows the rhinestones were creating on the ground. Anything that had to do with light and optics – blowing soap bubbles, for instance – fascinated me.”

That fascination with optics led Barnes to earn undergraduate and graduate degrees in math and physics.

She became active in the Union of Concerned Scientists; taught undergrad courses (including her favorite, World Energy Resources for Non-Science Majors) at Ohio State for 10 years; volunteered on “clean energy” committees; and became an educator, programmer and grant writer for the Ohio Department of Development’s Office of Energy Efficiency.

As she worked her way up the bureaucratic ladder, she became intrigued with the role that energy conservation and environmental – “green” – design could play in the construction and maintenance of both residential and commercial properties.



Nature Center photo

Green building is high-performance building, explains Barnes. It uses smart building technologies (such as wood-sparing framing and thermal house wraps); energy and water conserving fixtures (such as thermal windows and low-flow toilets); and integration of heating, cooling and, in some cases, water heating systems. It employs materials that don’t harm the environment, such as sustainably harvested lumber and paints and finishes that don’t throw off harmful fumes. A building should be situated to take advantage of natural light, shade trees, and breezes.

Citing the Adam Joseph Lewis Center for Environmental Studies in Oberlin – which is an almost totally self-sufficient building – she adds, “Most ‘green’ buildings are very technologically sophisticated, but still easy to run.”

When the Green Building Coalition’s board asked Barnes to become the organization’s new executive director, her response was an enthusiastic “yes.”

When she came on board, the Coalition’s mission was to get those responsible for creating the “built environment” – the architects, developers, builders, and contractors – interested in using their expertise to improve both the physical and economic health of the community.

Yet Barnes quickly identified a glaring disconnect: “Building

‘green’ had the reputation of being only for those who had the resources to afford it,” she explains. “I wanted to take it beyond that, to make the (planning, design and construction) tools available to everyone.”

Barnes’ first year as executive director at the “ultra-green” offices the organization occupies in the Cleveland Environmental Center (on Lorain Avenue) has been filled with challenge, change and growth. Staff now includes one part-time and three full-time employees, and the coalition has developed a new community education campaign called “Best Practices in Green Building.”

They are also “leveraging partnerships with business executives and trade associations to increase their knowledge about green building,” says Barnes.

You can’t “do things green” without doing them in a coordinated, systematic manner, insists Barnes, and “when you do it right, you can make money.”

Showing people how they can make money, she emphasizes, is the key to getting the building industry to adopt green building techniques and technologies. “For so long the message has been building green is good, period. When we speak in more bottom-

line-driven terms, about energy savings, long-term marketability, and easier home and building maintenance, the message gets across.”

That message – whether it’s wrapped up in marketing hype touting the coolness, individuality, and exclusivity of building green, or the scientifically proven health advantages of living and working in “green” spaces – is a model of “tikkun olam”: repairing the world and making it a better place for those who come after you.

“I’m always mindful of this need, this responsibility,” says Barnes. “I always carry it with me.”

Not surprisingly, Barnes practices green living at home, too. She and her new husband, environmental engineer Mike Salva, recently completed renovations on and moved into an 85-year-old home on West 45th Street.

“Our contractors, Tom and Eddie Green (Honest! That’s their name), were so impressed with what we specified for our house, they asked us to help them with the interior on their next restoration.”

Reprinted with permission from The Cleveland Jewish News. (Nov. 18, 2005).

an educator's IMPACT

As any educator can tell you, you never know the impact you have on students. The Nature Center's educators meet thousands of students each year, from pre-schoolers through college, and bring biology, physics, geology, math, history and language studies to life through age-appropriate lessons.

Recently, the Nature Center's watershed educator, Tori Mills, spent an hour with a family whose five-year-old daughter was fascinated by the brook, lakes and marshes found in the parklands. The child, engrossed in learning about water, water quality and its effect upon plants, animals and people, later drew a picture with a caption stating that she wants to be a water scientist when she grows up. This picture, shared with out-of-town family members, and a discussion of the Nature Center's mission motivated the family to make a generous contribution to the Nature Center. Our thanks to the Paula M. Steiner Family Foundation for enabling us to inspire more children and adults to become stewards of the earth.

Your gift, too, sustains the efforts of the Nature Center through all seasons. As of Jan. 15, donors have contributed \$59,327 to the 2005-2006 Nature Fund. If you have yet to donate to this year's Nature Fund appeal, you can easily include a gift with your membership renewal. Use the enclosed envelope.



The Evergreen Society

You can ensure the Nature Center at Shaker Lakes' continuing efforts for habitat preservation and environmental education by simply including the following or similar verbiage in your will: "I give and bequeath to the Nature Center at Shaker Lakes the sum of \$_____ to be used for general charitable purposes." Your lawyer or professional advisor can assist you in making these plans. Contact Carol Marshall, development manager, to discuss other planned giving options.

Congratulations

Allison Lim is the winner of a child's birthday party with Jungle Terry. Thanks to everyone who participated in the communications survey in fall '05.

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All listings reflect information received Tuesday, Nov. 29, 2005 to Friday, Jan. 13, 2006.

If your name is misspelled or omitted, we apologize. Please contact the Nature Center, and we will correct our records.

Thank you to all of our new members, contributors, and generous donors.

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Amy Hanauer & Mark Cassell

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In honor of Leslie Krebs
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In honor of Julie West
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*In honor of Sandy and Elisabeth Kulp, "who
because of the Nature Center did not have
nature deficit disorder"*
Mr. & Mrs. S. Ernest Kulp

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In memory of Scott Ellison Thompson
George & Janice Thompson

In memory of Gary J. Dietsch
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