



Glen Helen
Ecology Institute
ANTIOCH'S LIVING LABORATORY

Fall 2003

In the Glen

News and Activities of the Glen Helen Ecology Institute, Antioch College

U.S. Senator Mike DeWine hosts Glen Helen Fundraiser

Glen Helen is a special place for many people. This was very evident on a Sunday afternoon in June when U.S. Senator Mike DeWine, his wife Fran and more than 100 friends of Glen Helen came together at the Glen Helen Building. The Glen's very special guest, Senator DeWine, hosted the event as a fundraiser for the stewardship of the Glen — the land, trails, bridges, and overall protection of this unique natural and educational resource.

Senator DeWine often recalls growing up in the Glen. Both the Senator and his wife were active in Glen programs and activities including the Glen Helen Ecology Institute's Outdoor Education Center and the Glen's School Forest, operated in cooperation with the Yellow Springs High School. Over the years the DeWine family has continued to be active in the Glen.

The Senator's days in the Glen helped formulate his views on environmental matters, he says. It is because of the Senator's continued interest in the Glen that he offered his help to Glen Helen.



Mike Dewine as a young school forester... can you find him?



Senator Dewine with fellow school forester and Glen volunteer Russ Shaw.

The fundraiser provided plenty of opportunities to meet and talk with the Senator, as well as Glen Helen Staff members and volunteer leadership. The event was also an opportunity to welcome new friends to the Glen. It was an opportunity for some to learn more about this wonderful community treasure and learn of the many such as Senator DeWine who have such a close connection to the Glen.

Overall the event raised about \$4,000 to be used for the continued maintenance

and protection of Glen Helen. Special thanks go to Senator DeWine and his family, Barbara Schenck who manages Senator DeWine's Xenia office, and the volunteers who helped organize and run the event.

Thank you to all who came and we hope you will continue to enjoy and support the Glen.

Director's Letter: Hard Choices Ahead



Bob Whyte

What inspires you about the Glen? For me, it is simply the land itself... and even more so when I see the direct connection

between the people and the land. But perhaps nothing inspires me more than spending time in the Glen with my children. They are growing up in the Glen as many of you have.

However, this same kind of inspiration and love of the Glen lead me to more sobering thoughts. A potential budget crisis is heading our way, not this year but in the fiscal year that begins July 1, 2004. I can truly say there has been no greater financial crunch in the past three years than what we will face next year.

Before I came to Glen Helen in the summer of 2000, I read of the Glen's financial problems. They had led to cuts in staffing and programs. We've been recovering during the past three years. We've increased fundraising efforts to restore programs and some of the staffing we lost. (Please see "What it Takes" on page 2.) Yet, today we appear to again be headed down a familiar road, and we can't let it happen again!

Costs rise yearly, and we suffer the consequences of having been forced to defer much needed maintenance to the Glen's facilities for years. That's a lethal combination, and, while we've made real progress, we haven't been able to increase our income enough to offset it.

Candidly speaking, our mistake — my mistake — is a failure to implement

fundamental change in how we operate. We must find ways to persuade all those who use the Glen to understand and accept their responsibility to support it financially. To most people who come to the Glen, it's always been free. They can walk from tax-supported John Bryan State Park into the private lands of Glen Helen, and never sense the difference.

But there is a difference. And that difference requires us to make hard choices as we develop our plans for the Glen. Basically, if we don't act now the Glen will again suffer in staff and program losses. The community will suffer, too, because of lost resources the Glen can provide. Ultimately the land suffers.

So, it is time that we make hard choices on the Glen's future direction and operation and how it raises funds overall. We have some assets in this regard. Antioch College provides an important share of our income even as it faces its own financial challenges. The Glen Helen Association is devoted to our mission of preserving Glen Helen, and its contributions have had a profoundly positive impact. We have a small cadre of loyal, generous donors. And we have a wonderful group of volunteers whose help is essential to our operations.

Still, it is clear that the Glen cannot continue to be a free community resource. All those who use (and love) the Glen must make financial support of the Glen a priority. And, we must be creative in finding new revenue sources.

Initial steps will include reexamining the Glen's community partnerships to provide a more direct benefit to the overall support of Glen Helen. Also, beginning this fall, we will implement a parking fee at the Corry Street entrance. Parking will

be free to annual GHEI donors and GHA members.

Groups of 10 or more have historically been asked to donate \$1 per person. We are now actively seeking to implement this policy. Our efforts cannot stop here, however. As an organization we must better assess how we do business and implement necessary changes to make the GHEI a more efficient and professional organization. We are now developing a business plan to more accurately assess our operating and program costs, and seek to develop new revenue generating programs.

To be successful, we not only need more direct financial support, but a community with an enhanced understanding of the Glen's many needs.

Please consider becoming a supporting member of the Glen Helen Ecology Institute. Last year 300 people provided direct donations to the GHEI. My goal for this year is to exceed 400. You may also consider donating your time and technical expertise. For example, we are in need of website support and perhaps a "direct donations" page on the GHEI website. Do you have marketing experience? You may consider joining our development committee.

Please, help us to protect the Glen for present and future generations.

— Bob Whyte

In the Glen

is published quarterly for donors, environmental educators, Glen Helen Association members, and other friends of the Glen Helen Ecology Institute. Send comments and suggestions to *In The Glen*, 405 Corry Street, Yellow Springs, OH 45387.

Editor: Bob Whyte

Contributors: Bob Whyte, Beth Krisko, Betty Ross, Tony Arnett, Ann Shaw, Sue Feller, Cassie Kuhlhorst
Design: Bob Bingenheimer

What it Takes

What does it take to maintain the Glen and operate its many educational programs? We want you to know. This past year we were extremely busy in the Glen, providing stewardship, maintenance and improvements to the facilities and the nature preserve.

The list below will give you a clearer perspective of this ongoing work and of our continued needs and challenges (presented in no particular order):

- The Outdoor Education Center (OEC) Office was closed and a trailer brought to the OEC for use as a temporary office. The building has undergone repair and is renovated as a classroom.
- Repair of the Trailside steps (from Trailside Museum leading down into the nature preserve) was completed.
- A new Glen Helen sign was installed at the Corry Street Entrance off the bike path.
- A new gate was placed at the border of the Vale and the Homestead in the South Glen, designed to prevent bikes and horseback riders from entering the Glen at this point.
- Construction continued on the raptor flight cage.
- A new informational kiosk was constructed at the main entrance off Corry Street.
- A new ventilation fan was installed at the OEC lodge in the kitchen to enhance airflow.
- A new layer of gravel was laid down on the OEC drive.
- Removal of invasive vegetation was done throughout the year in various areas of the nature preserve.

■ Several new water bars were installed along the trail leading to the Cascades.

■ A dodge way was built and installed in the South Glen along the bike path to prevent the entrance of horses into the Glen.

■ Axis Architecture produced a preliminary design concept for the Corry Street Main entrance including the Trailside Museum, parking area, and the Glen Helen Building.

■ The Boy Scouts completed the repair and cutting of new segments of the old Boy Scout Trail adjacent to the Little Miami in the South Glen.

■ Stone steps on the Inman Trail were repaired adjacent to the south side of the Birch Creek and immediately north of the stepping stones.

■ George Bieri (property manager) and Bob Whyte took bimonthly hikes in the Glen to identify the Glen's needs and form the basis for the month's land management activities and beyond.

■ Roofs were replaced on the Hickory and Sycamore dormitories (thank you GHA).

■ Land management staff retreat was held as first step toward developing a resource management plan.

■ Horseback riding agreement was reached with local area barns allowing limited riding south of the Vale in the South Glen as well as to facilitate the maintenance of this trail.

■ Several equipment purchases made to support research/management/teaching activities and include: GPS Unit, GIS software, Tree Borers, Tape Measure, DBH tapes, LCD projector, and digital camera.

■ 200 volunteers donated 3,500 hours to the Glen.

■ Antioch students provided over 1,000 hours of volunteer stewardship service in the Glen this past year.

Glen Helen is maintained and operated by the Glen Helen Ecology Institute and receives direct support from Antioch College and the Glen Helen Association. Yet this support only provides about 10-12 percent of the Glen's overall budget needs. Funds are required to manage the 1,000 acres of land, maintain existing facilities, and operate the Raptor Center, Outdoor Education Center, Trailside Museum and the many environmental education programs they conduct.

In the operating year 2002-2003 (July 1 – June 30):

- The Outdoor Education Center served 40 schools and 2,508 students.
- The Raptor Center education and outreach programs reached almost 7,000 people through both on-site and off-site programs and took in 244 raptors.
- Trailside Museum welcomed more than 10,000 people as visitors and program participants in its many education programs.
- 175 events were held in the Glen Helen Building for more than 6,000 people serving local groups and organizations such as the Tecumseh Land Trust, Yellow Springs Community Foundation, Mills Lawn Middle School, the Girls Scouts of Buckeye Council, Community Services, Inc., and many others.
- Overall the nature preserve received well in excess of 100,000 visitors.

Now that you know what it takes, please consider supporting the Glen financially. Use the enclosed pledge envelope to make a donation and help us preserve Glen Helen.

In Appreciation

Arthur & Lucy Morgan Society

The Glen Helen Ecology Institute greatly appreciates the contributions from the Arthur and Lucy Morgan Society members:

Fiscal year 2002-2003 (received between July 1, 2002 and June 30, 2003):

George and Toshiko Asakawa
Sam Bachtell
Jane Baker
Ruth Bean
Ken and Peg Champney
Roger Cranos
Sylvia Carter Denny and Byron Dann
Al and Donna Denman
Thomas Dozeman and Mary Talen
Stanford Friedman, M.D.
Mike Gardner
David and Joan Goodwin
Jewel and Paul Graham
Linda Griffith and Scott Kellogg
Eva and Terry Herndon
Barry and Kay Hollister
Joan Hollister
Jean Huston
Priscilla Janney-Pace
Lori Kuhn and Karl Hendrickson
Ann Simon Koppelman and Diantha Rau
Mrs. Edgar Lupfer
Berger and Yolande Mayne
Jane Morgan
David and Sharen Neuhardt
Louise Nippert
Virginia Paget
Esther and Philip Rothman
Tracy Stewart and Steve Holtzman
Doris and Robert Swabb
Cy and Ilse Tebbetts
Two Herons Consulting; Donald Kaufman and Cecilia Berg
Beverly Viemeister

Fiscal year 2003-2004 (received between July 1-August 31, 2003):

David Gasper
Jean Huston
Doris and Robert Swabb

Senator Mike DeWine Visit

The Glen Helen Ecology Institute thanks all who contributed to the June 30, 2003 special fundraising event:

James and Mary Agna
Tony Arnett
George and Toshiko Asakawa
Robert Baldwin, Jr.
John Balmer
Dr. Harry and Thelma Berley
Elaine Brown
Joan Wagner Brucker
Andrew Carlson and Krista Magaw
David and Barbara Case
Suzanne Clauser
Community Children's Center, Inc.
Gordon Cowperthwaite
Roger Cranos
Meredith and Willa Dallas
Robert and Ruth Darrow
Wilma Deen
Al and Donna Denman
Jean and Richard DeWine
Michael and Frances DeWine
Ted Donnell and Karen Wintrow
Joseph and Marilyn Dowdell
Alastair Duncan
Eric Elliston
Mel and Peg Fine and Peg Peterson
Cynthia (Jan) Foiles
David and Joan Goodwin
Paul and Jewel Graham
Sandra and Steven Grawe
William and Grace Hagenbuch
John and Joanne Hart
Dave and Keiko Hergesheimer
Emily, Mae and George Hollingworth
Don Hollister
Jean and Bill Hooper

Jean Huston
Carl and Lorena Hyde
Ellis Jacobs and Desiree Nickell
Wilma Jingling
Judith and Richard Lang
Richard Lapedes and Maureen Lynch
Joann Mahle
Grace Main and David Daly
Berger and Yolande Mayne
Maureen McCormick and John Ritzenthaler
Michael McVey and Caroline Stevens
Lee and Vicki Morgan
Ross and Mary Morgan
Christopher and Cynthia Mucher
Virginia Paget
Mark and Diana Partee
Marion and Dorothy Poland
Ralph and Jean Ramey
Matthew and Katherine Shoop Reed
Albert Schlueter
John and Jennifer Schutte
Walter and Evelyn Sikes
Michael and Judith Wood Spock
Joan Stockton
Cy and Ilse Tebbetts
James Tetz and Nancy Farnlacher
Hardy Trolander
Beverly Viemeister
Dr. Henning and Hanlo Von Gierke

Gifts to the Glen

We also gratefully acknowledge the following for their contribution to the Glen Helen Ecology Institute received between May 1, 2003 and August 31, 2003:

Capital Campaign and Endowment

Emma Austin
Gina Paget
Beverly Viemeister
Al and Donna Denman
Sponsor
Ralph Overton

Contributor

James and Cindy Halye
Alice McKinney
D G and E A Schneider

Friend

Gregory and Amy Bartley (*in honor of David Goodwin's birthday*)
John and Jeanette Bloom
Daniel Brustein and Joan Trey
Jean Campbell
David and Diane Foubert
Ann Hartman
Amy Holbrook and Robert Mihalek
Doris Hubschman
Lina Landess
Eric and Ildikó Marcus
Audrey McGowin
Horatio and Beth Nichols
Dianne Olix
Donna Sorrell
Mary White

Corporate, Foundation and Community Partners

The Antioch Company
Antioch Writers' Workshop
Glen Helen Association
Impact Weekly
Tom's Market
WYSO
Yellow Springs Community Foundation

Designated

Kristin and Russ Consaul
Len and Mary Cargan

Gifts-in-Kind

Bob Bingenheimer
Senator Mike Dewine
Axis Architecture
Boy Scouts of America Troop 525
Cynthia (Jan) Foiles

Glen Helen 2004 Calendar Is Here—Order Your Copy (or Copies) Now!

While not seeking to have time rush us by—it is time to think about next year and purchase a 2004 Glen Helen Calendar. We have again included 13 Glen scenes taken by visitors to the nature preserve. The pictures are more spectacular than ever, if that is possible. You may order your calendar (cost of \$10) by using the enclosed form, or stop by the Glen Helen Building to say hello and purchase a calendar. Proceeds from the sale of the calendar will be used to repair trails and provide stewardship of the Glen.



It's the perfect holiday gift. Order Glen Helen calendars for everyone!

Donation Provides a Boost for Accessible Greenscape Project

Glen Helen's proposed Greenscape and handicap accessible trail received a boost this past summer when a generous donation of \$5,000 was made to the Glen and the project. The donor has elected to remain anonymous for now, but has challenged the GHEI and the community to match this generous gift.

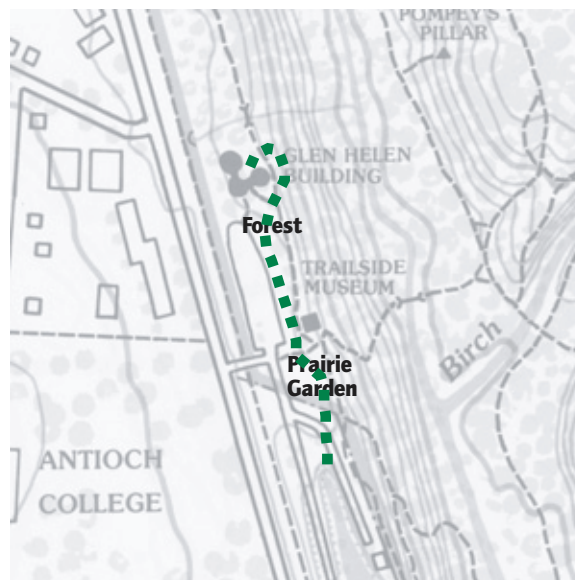
The Greenscape and trail will provide an outdoor classroom at the Corry Street entrance to the Glen. The trail will extend approximately one-half mile from the GHB through a native hardwood forest, prairie garden, and end at the edge of a small pond. In addition to the financial challenge issued, we are looking for help in restoring the pond to include dredging the nearshore area.

Boy Scouts Continue to Help the Glen

Local area Boy Scouts truly are friends of Glen Helen as the Scouts of Troop 525 provided significant help to the Glen this past year.

Glen Helen has a long history with area Boy Scouts. In 1965 leaders of Troop 78 of Yellow Springs took on the challenge of developing a safe hiking trail for scouts. In 1969 with the cooperation of Glen Helen and Antioch College, the Boy Scouts began work on a trail through Glen Helen. Over the years the trail has undergone modification but the essence of the trail remained largely intact.

In the summer of 2002 the Glen Helen Ecology Institute was approached by Joseph Ausserer of Troop 525 to explore



The path of the proposed Greenscape and handicap-accessible project

the possibility of reopening an approximately 1-mile section of the trail which had been closed for several years. Joseph, with the help of the Scouts, friends, and family, recently completed the renovation of this trail and it is again open for the use by the Scouts and all visitors to the Glen.

Several important changes were made to improve the Trail and protect the Glen. The former trail ran along the bank of the Little Miami presenting erosion problems. The new section of trail has been pulled back off the river a considerable distance. Great care was taken to protect wildflowers, existing trees, and the overall natural habitat. To ensure that hikers remain on the trail, the Scouts have placed occasional trail markers to guide you as you hike.

If you are interested in learning more about the entire 10-mile scout trail and how your group may hike it, please contact Bob Whyte at the Glen Helen Ecology Institute, 767-7375. Maps of the Glen Helen Scout Trail are available from the GHEI or by contacting Milt Lord at 767-1288 (Milt has acted as the Trail-master



Boy Scouts helped build the new boardwalk at the base of the Inman Trail steps.

since the Trails inception). We are also seeking help in updating and reproducing the map.

Of equal significance is the recently completed work of the Scouts on a boardwalk at the base of the Inman Trail steps (adjacent to the Trailside Museum). This project led by Scouts Taylor Foils and Matthew MacFarland will serve to minimize erosion along this section of trail and protect the adjacent spring fed area of the herbaceous plant Skunk Cabbage. Skunk Cabbage is the first Glen wildflower to open in the spring.

The boardwalk was largely built using a material known as Trex. Trex is produced from recycled and reclaimed wood and

plastic. The boardwalk was originally designed by Andrew Cook, an Antioch student as part of a class (Campus Ecology) taught by the GHEI's Executive Director Bob Whyte.

The GHEI extends its thanks to the Scouts, and their incredibly hard-working family members and friends. We also thank Glen volunteer Jan Foils for her dedication to these projects. Jan worked tirelessly to facilitate these projects and ensure their successful completion. The boardwalk, which was completed this past August, is dedicated to the memory of Scout Jerad L. Kelley-Brown.

Nature Journaling Workshops...Back by Popular Demand

For Adults....

This Fall, Glen Helen Ecology Institute will sponsor another Nature Journaling Workshop, led by naturalist/artist Cindy Steffen. Nature journaling workshops held at the Glen in the past received wonderful feedback from participants. A group of teachers that attended were excited to take nature journaling back to their classrooms. Another participant revealed her pleasure, as the workshop brought back memories of the time she spent with her father in the wilderness. Other participants simply enjoyed being creative and spending time in the Glen.

Cindy designs the workshops to sharpen your observations of nature, so that you may experience the sights, sounds, smells, and textures of nature in a new and exciting way. She focuses on observation and how to creatively document impressions. At the end of the workshop, you will have the beginnings of your very



Participants in an earlier journaling workshop.

own nature journal and the inspiration to continue your personal study and reflection in nature.

Geared for teens and adults. September 27 from 9am-12pm. \$10 fee for the workshop. Meet at the Glen Helen Building, off Corry Street in Yellow Springs. Minimum supplies needed are pen and notebook or journal. Feel free to bring other art supplies. Please call Beth Krisko at (937) 767-7375 for reservations.

For Kids....

Cindy will also host a nature journaling workshop for children ages 7-10 years old at the Trailside Museum on Saturday, November 22, the weekend of the Nature Arts and Crafts Show.

Parents can shop while their children have fun creatively exploring nature. Children will learn how to focus on the many exciting things happening in nature, and capture their observations and impressions in their very own journals.

The workshop will begin at 1pm and end at 3pm. \$5 fee due the day of the workshop. A pen and notebook or journal are required. Other art supplies will be available at the Trailside Museum. Please call Beth Krisko at (937) 767-7375 to reserve a spot for your child!

Glen Helen Lecture Series

Glen Helen Ecology Institute sponsors a monthly lecture series that runs the fourth Wednesday of every month at 7pm in the Glen Helen building auditorium. Each year, GHEI invites a diverse array of speakers to discuss varying environmental and Glen-related topics. For a complete 2003 lecture series schedule, stop by the Glen Helen Building.

October 22: The Buffalo in Ohio – A History of Bison in the Buckeye State

Through an illustrated presentation, you will discover the history of bison in North America and Ohio. Learn the species that occurred in Ohio, their ecology, and their interactions with Native Americans.

November 20: Jill Yager: Bats – Myth and Reality

Jill will introduce bats from all around the world and talk about their ecological roles.

For suggestions on speakers or topics for the 2004 Lecture Series, please contact Beth at 767-7375

Guided Nature Hikes

Medallion Hikes

Hike for the health of it! Medallion Hikes are designed for people who want to experience the beauty of Glen Helen while getting some exercise too. These 3.5 hour, 5-mile hikes will wind you around the Glen's trails, through the forests, across fields, and over the waterways. You will get a good glimpse of the Glen, and learn about many of its natural wonders by experienced guides.

October 25, Saturday: Fall Colors Hike, 1pm, meet at Trailside Museum

November 23, Sunday: Nature Arts and Crafts Show Hike, meet at Trailside Museum

Other fall hikes to come, please contact Beth at 767-7375 for an updated schedule.

Help Make the Tree Green!

The Glen Helen Ecology Institute has launched its annual fundraising campaign. Glen Helen will seek to raise \$70,000 this year (ending June 30, 2004) which will enable us to maintain current Glen services, infrastructure, and overall protection of the Glen in the face of declining revenues. Now, more than ever, we are depending on our friends and those who enjoy the Glen to help.

Over the next nine months, you will be able to track the success of the campaign via a signboard posted in the GHB Corry Street parking area showing the tree you see below. As contributions are made, the tree will turn from grey to green.

You can help launch this effort today. Just use the enclosed contribution envelope and do your part to make the tree green!

Goal: \$70,000

\$60,000

\$50,000

\$40,000

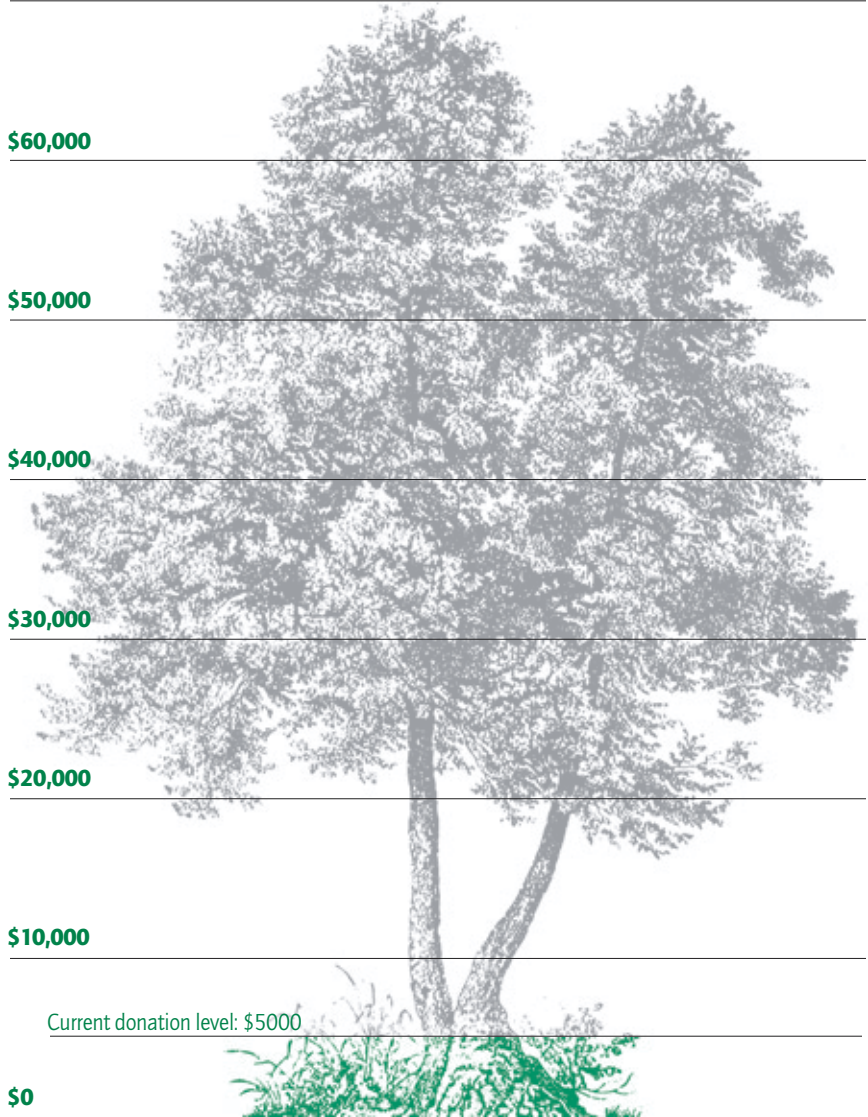
\$30,000

\$20,000

\$10,000

Current donation level: \$5000

\$0





Bev Viemeister and Paul Graham Are 2003 Fowler Award Recipients



Bev Viemeister accepts the Fowler Award from GHA Board President Tony Arnett.

The GHA trustees were proud to award Bev Viemeister and Paul Graham the Dick Fowler Volunteer Award at the GHA's annual meeting in May. Bev and Paul are long-standing contributors to the Glen through both the GHA and GHEI. Both have served on numerous boards and committees related to the Glen and have been instrumental in preserving the Glen for future generations. Thank you Bev and Paul!

22nd Annual Nature Arts and Crafts Show Set for November 22-23

The holiday season is fast approaching which means it's almost time for the GHA's annual Nature Arts and Crafts Show. As always, NACS is held the weekend before Thanksgiving, so this year's show will take place in the Glen Helen Building on Saturday, November 22 from 9am to 5pm and Sunday, November 23 from 11am to 5pm.

This is our 22nd year and every year the show gets better and better. We will have your favorite returning artists plus several new artists that we are really excited about.

NACS is a great place to get a jump start on your Christmas shopping. We feature nature-themed artwork including silvered blown art glass, ornaments and decorations, gourds, unique clothing, watercolor paintings, functional and artistic pottery, and wildlife photos. Many of the creations are one-of-a-kind. Every



artist also donates a piece of artwork to the Silent Auction, which is a great place to get a good deal, plus all of the money raised by the Silent Auction goes directly to the Glen.

If you volunteered to work at NACS in the last two years, we will be calling you again to help with ticket sales or baked goods. If you haven't volunteered before and would like to work a two-hours shift, please call Beth Krisko at 767-7375.

The \$2 admission goes to support the Glen Helen Ecology Institute. We hope to see you there... and bring a friend or two!

Upcoming Events

Bird Seed Sale Saturday, October 18

Buy early and often! Don't have the space? Then 'bank' your purchase to pick up when you need it.

Nature Arts and Crafts Show Saturday, November 22 (9-5) and Sunday, November 23 (11-5)

23 artists from Ohio and beyond. Returning favorites and new, exciting artists. Silent auction featuring works from artists in attendance. \$2 admission.



GHA Stewardship volunteers Jim Mayer and Scott Geisel help repair the old OEC office.

Glen Helen Association Board, 2002-2003

President:

Tony Arnett

Vice President:

Kathy Reed

Treasurer:

Phyllis Williams

Secretary:

Scott Geisel

Trustees:

Ven Adkins

Rick Donahoe

Tee Forshaw

Shayne Gray

Dan Halm

Jean Hankinson

Richard Heil

Don Hollister

Lynn Tobey

Robert Whyte

Honorary Life

Trustees:

Dave Case

Nell Maloney

Ralph Ramey

Glen Helen Association Board Meetings are held on the third Wednesday of each month at 7pm in the Glen Helen Building. GHA members are welcome to attend.

The Glen Helen Association's mission is to provide support for the operation of Glen Helen, managed by the Glen Helen Ecology Institute.

Adventures in EcoCamp

Summer at the Institute's Outdoor Education Center is always filled with excitement, and this year was no different. Children ranging in ages from five to thirteen decided to leave their televisions, video games and swimming pools behind in exchange for the many adventures awaiting them in the Glen. Every child was able to hold a live snake and turtle, see birds of prey, hike for an entire day, and of course, sing lots of silly songs!

The Outdoor Education Center offered programs for both day camps and overnight camps, each having its own special theme for the week. The day camps focused on developing the young children's senses through discovery of how the bark on a tree feels while blindfolded, listening with fox ears, and peering at insects through hand lenses. The overnight campers had more specific themes based on their interests such as raptors, eco-art, geology, pioneer living and nature awareness. The OEC also offered a nocturnal camp that



Pioneer campers cook a meal over the fire.

OEC Wish List

The OEC would gratefully accept any of the following needed items or services. Please call (937) 767-7648 Monday – Friday, 8:30-4:30 if you are able to donate any of the following:

- Compasses
- Firewood
- Nature-related books
- Foreign language dictionaries
- Taxidermy services
- Wheelbarrows, especially heavy duty type
- Pioneer and native clothing
- Ohio mammal and taxidermy mounts
- Bicycles for interns
- Craft supplies, such as beads, yarn, wax, scissors, leather/material scraps, feathers, paint, etc.
- Rain jackets/ponchos for kids
- Working stoves in good condition for staff housing
- Single or double size mattresses & box springs for staff housing
- Poster board
- Binocular repair
- Bureau drawers in good condition for staff housing
- Rakes
- Snow shovels
- Kitchen utensils
- Sleeping cots
- Wigs, costumes
- 1-2 gallon food storage containers with lids
- Throw rugs
- Lamps for staff houses
- First aid supplies
- Carpet or linoleum remnants, new or in good condition
- Field guides
- Tools such as hammers, screwdrivers, garden shovels and pitch forks

If you are moving, cleaning house or renovating, please call us before throwing away any useful items!

allowed campers to experience the Glen at night, as well as a camp called Exploring the Gorge where campers backpacked to John Bryan and Clifton Gorge. Some campers were unable to choose just one camp to attend and instead visited the OEC for several weeks during the summer.

Each week held something new and exciting for even the most experienced EcoCamper. During our first week, the entire camp gathered in the cut meadow to watch as the Raptor Campers released five juvenile American kestrels back into the wild. The following week gave the campers a history lesson as they watched the Pioneer campers perform the characters they had researched from the year 1796.

EcoArt camp began during our third week of operation and produced several beautiful works of art including a weaving done on a primitive loom, tie-died shirts created with natural dyes, and various sculptures made from objects found in the Glen. Another raptor release occurred

during Week 4 when the campers hiked to the school forest to watch as six juvenile eastern screech-owls flew to nearby trees. Our Nocturnal Camp was so popular this year that we held two during our fifth week! That same week, the campers from Rocks, Fossils and Bones went to Caesar Creek to go fossil hunting.

Week 6 ended EcoCamps, and our young Trail Blazers discovered just how many trails were in the Glen during two all-day hikes!

If you know of anyone who was unable to experience the adventures at EcoCamps this year, do not worry! EcoCamp 2004 is less than a year away, offering new and exciting programs as well as the tried and true. For the young camper, the Birds, Bugs and Bees EcoCamp will be sure to please. Aquatics Camp for 9-11 year olds is full of wonderful wet activities! The staff at the OEC also decided to increase the ages accepted for our Nocturnal Camps and Exploring the Gorge for next year. Watch for information in this newsletter



Daycampers enjoying the Pine Forest on a hot summer day.

and in brochures to be mailed out after the first of the year!

— Cassie Kuhlhorst, Summer '03
EcoCamp Co-Coordinator

Fall 2003 OEC Interns

A new staff of naturalist interns arrived August 20th. They have come from different backgrounds, but all share a common interest in the environment and working with children. After several weeks of training, they are out on the trails of the Glen teaching exciting topics such as geology, raptor ecology, forest communities, environmental problem solving and cultural history. Their term will last until mid-December.

Naturalist Interns

Lilian Bösel is from Willingshausen, Germany and attended Justus-Liebig-Universität-Gießen where she studied Elementary Education.

Heidi Branz is from Palo Alto, California, and has a B.A. in Biology from Carleton College.

Thank You

The Outdoor Education Center has received many generous donations of items, money and time in the past several months. We would like to thank the following people for their kind support of our program.

- Berger C. Mayne, for nature magazines
- Nell Maloney, for candle wax, moon globe, microscope, bug display, and various skulls.
- Dorothy and Marion Poling, for flashlights.
- Pat and Eric Lowry, for a bicycle.
- Mr. Brown-Edwards, for a vacuum cleaner.
- Ruth and Tony Bent, for a bicycle.
- David and Keiko Hergesheimer, for clay
- Mildred McConville, for rain ponchos
- The Rigel Family & Forever Sports, for a day of

- canoeing for our interns.
- Aubrey Smith, for volunteering during our EcoCamps.
- Joan and Dan Gray, for bed frame, box spring and mattress, and a bicycle.
- Kenny Compton from Greene County Environmental Services, for mulch
- Abby Cobb, Joan Horn, Rachel Bolton and Harry White, for help with our staff training.
- Ryan Rigel and his crew for organizing a river clean-up project.
- Lisa Dillon for photo paper
- Bob Klahn, for digital camera
- Sarah Hippensteel, for stream monitoring study
- Michael Martans from GoJo Industries for a Purell hand sanitizer kit
- Dr. Stull from Suburban Veterinary Clinic for turtle care

Christine Lattin, from Minneapolis, Minnesota, attended Swarthmore College where she received a degree in Linguistics and Biology.

Juarez Michelotti is from Curitiba, Brazil. He has been studying Forest Engineering at the Universidade Federal do Parana.

Anala Miller studied Environmental Studies at Oberlin College. She is from Honesdale, Pennsylvania.

Anne Royer is from Trotwood, Ohio. She attended Oberlin College and has a degree in Biology and German Studies.

Emily Schadler received a degree in English from the College of Wooster. She is from Glendale, Ohio.

Mary Beth Wiesner is from Centerville, Ohio and is currently attending Ohio University, majoring in Outdoor Education.

Lynn Zimmerman comes from Charleston, South Carolina. She has a M.S. in Marine Biology from the College of Charleston.

Muriel Suttles is from Dayton, Ohio. She is currently enrolled at Antioch University McGregor focusing on Human Services Administration.

Administrative Interns

The following three interns completed a naturalist internship last term and have returned to gain more experience in the administrative realm at the OEC. Each "admin" has his own job responsibilities, but all are involved in training and supporting the naturalist interns throughout the term.

Giddy Bobeche is our new Extension Naturalist. He will travel to schools throughout the term and bring environmental education programs into the classrooms. Giddy is from Cleveland, Ohio, and has a degree in Painting from the Cleveland Institute of Art.



Standing (left to right): Adam Kirkland, Juarez Michelotti, Lynn Zimmerman, Muriel Suttles, Christine Lattin, Anala Miller, Flavio Sutti, Emily Schadler, Giddy Bobeche. Kneeling (left to right): Heidi Branz, Lilian Bösel, Mary Beth Wiesner, Anne Royer.

Adam Kirkland is from Old Town, Maine. He has completed two years at the University of Maine. He is our new Program Coordinator and is responsible for contacting schools and handling the daily details of the program.

Flavio Sutti will be working directly with the birds of prey at the Raptor Center as our new Raptor Center Assistant. He is from Morbegno, Italy and obtained a degree in natural sciences from the National University of Milan, and has completed one year in Specialization in General & Museum Teaching at the University of Rome.

Naturalist Internships Available

If you know anyone who may be interested in a naturalist internship, the OEC offers two each year! Our fall term lasts from mid-August through mid-December and our winter/spring term runs from

early January until early June. Naturalist interns are considered full-time Antioch students and gain 10 graduate or 12 undergraduate credits, room and board and a \$260/month stipend. Applicants must have at least two years of college in any discipline, and have a strong love for nature and working with children.

Interns teach our environmental education curriculum to visiting school groups in areas such as geology, stream study, living history, environmental problem solving, raptor ecology, critters, forest communities and cooperative activities. Interns also have an opportunity to work with birds of prey at the Raptor Center!

We currently have openings for our winter/spring 2004 term, which begins January 4th. Please call the OEC at 937-767-7648 for more information or for an application, or e-mail Brad Whaley, Assistant Director, at bwhaley@antioch-college.edu



Moving Forward A Message from the Raptor Center Director

Many activities in the Miami Valley this year have centered on the 100th anniversary of the Wright Brothers famous flight. We participated in Aullwood's Flights of Fancy Festival in April, then were invited to present a program at Inventing Flight's Celebration Central in July. We took our traveling birds on a Sunday afternoon for a very appreciative audience.



Raptor Campers released young kestrels in the OEC Meadow as part of their week.

When the two young peregrine falcons in Dayton were found to be males, they were named Orville and Wilbur, of course. We appreciated being listed on Boonshoft Museum's website as partners with Boonshoft and the Division of Wildlife for the peregrine falcon cam, which made viewing the avian Orville and Wilbur, and their parents, possible. Last year we named two new education birds Orville and Wilbur, Orville being an American kestrel and Wilbur a screech-owl. Both traveled often and reinforced not only the raptor story, but the Wright one as well. Unfortunately, Wilbur died this summer of kidney failure (the human Wilbur died early, also) and it is probably too soon for another named the same.

It was a wet and buggy summer, but one that went smoothly for us. Raptor Camp and public releases of screech-owls and kestrels were well attended. Even scrubbing carpets and carriers was made a bit more pleasant by the Carolina wrens that nested for the first time on our bathroom windowsill.

Many thanks to Raptor Center Assistant

Jane Ford for a job well done! It was great to have her back for the summer; fortunately, she will not be far away, as she will be substitute-teaching in Fairborn again.

This fall's assistant, Flavio Sutti, from Morbegno, Italy, graduated from the University of Milano where he studied Conservation of Nature and its Resources. He also studied General and Museum Teaching for a year at the University of Rome III. He enjoys hiking, skiing, mountain biking, birding, working with animals, and reading.

His last position was at a wildlife center in Italy, before he became a naturalist intern at the OEC in January. One of his specialties is mycology, so if you want to know anything about fungi, call Flavio. We are pleased that he will be specializing in raptors for awhile with us

— Betty Ross

Arrivals & Departures

One hundred-five birds were admitted since the last newsletter was written, which is about the same as last year, except that we have not seen the numbers of West Nile Virus patients yet that we did then, and fervently hope we don't. Of course, the best parts of the summer were the releases, all sixty-three of them.

Screech-owls were the most plentiful, thirty juveniles arriving to join two from earlier. Some had been victims of downed trees, were starving, hit by cars, or just in the wrong place at the wrong time. One of them was trapped in a chimney, one in a fireplace, one in a barrel filled with oily water, and one hanging from a tree after becoming tangled in fishing line. Twenty-five of them were released.

If May was screech-owl month, June was definitely kestrel time. Seventeen of the twenty arrivals were juveniles, with

Special Thanks

Many thanks to Dr. Michael Brown and the staff of Bigger Road Veterinary Clinic for all their assistance; Jeff Hays and Melinda Simon from Raptor, Inc. for help with placing a red-shouldered hawk, and John and Karen Shrader with a barred owl; Boonshoft Museum's Liz Toth, Cathi Eastman, and Solve Interactive for the falcon cam; Tom Finke, Jim Latham, and other peregrine patrol volunteers; Ron Austing for adoption photos and mats; Raptor Center Assistant Jane Ford; Doug Christen for new perches; our loyal rodent and fish donors; and to the following for their donations:

Arabic Club Foundation
Tony and Ruth Bent
Burroughs Nature Study Club
Beth Duke
Carl and Kathleen Eckell
Jan Foiles
Ed and Lisa Hamilton
Peggy Harris
Jan Joseph
Barb Mackey
Brenda Malone
Shirley McCrudden
Chuck Pellerin
Wendy Potts
Marianne Stephan



Some of the young screech-owls relaxing before being released in July.

two groups arriving after trees were cut down, and others because of problems similar to those of the screech-owls. Of three adult arrivals, one was mauled by a cat and is still recuperating, and a car or plane at the Dayton-Wright Brothers Airport hit one. Eighteen of the twenty arrivals flew off again.

Cooper's hawks took over in July. Fourteen of the twenty arrivals were juveniles. More of them had problems or

severe injuries, such as fractures or head trauma, than the screeches or kestrels.

Only eight could be released, two adults to their territories, one juvenile to its nest site, and the rest fostered in the Glen. As the youngsters started arriving, each site was checked to see if it was suitable for the bird's return and perhaps for an extra bird as well. Unfortunately, none were. Then we noticed whitewash (droppings) on a trail near the Raptor Center and a young Cooper's hawk flying over. We immediately took the one juvenile which was ready for release, and added it to the family. Two weeks later we were still hearing the young in the late afternoon and could see them flying from tree to tree. As we knew of no better site than this for the rest of the youngsters, we added four more to the area.

We certainly could not expect the adult Cooper's hawks to feed all of them, so we took food each day to a feeding station we set up there. We heard and saw youngsters around the feeding area

for another two weeks, saw whitewash in the area for over three weeks, and finally stopped putting out food when it was no longer being taken. This is the first time we had done this with Cooper's hawks and were very pleased that it seemed to work.

We did something similar with three red-tailed hawk youngsters. Since the



Erin Barr, Jane Ford and Cassie Kuhlhorst prepare to release young Cooper's hawks in the Glen.

young would ordinarily stay with their parents for several months after leaving the nest, we set up a feeding spot for them behind the flight cages so they would have enough food until they became proficient hunters. Unfortunately, being released from our cages does not allow the birds to have the visual orientation from the air, which would help them return. It is possible, however, that the vocalizations of birds still at the Raptor Center might help to direct them back.

We were initially distressed when the first hawk we released did not return for food and was not seen again. Red-tails nest to the east on the edge of the Glen, however, and we saw an adult flying in that area the next day. Later in the week we heard at least two young red-tails calling for food. That was a good sign; it

Upcoming Events

Raptor Center Open House – Sunday, October 12, 2-4pm at the Raptor Center

A bald eagle and fourteen other species of Ohio's hawks, falcons, and owls will be on display at the Raptor Center's fall Open House. Staff members will have birds out for close-up introductions and photo opportunities. This is your chance to meet our staff and resident raptors, learn about our programs, and see our rehabilitation flight cages.

OWRA Annual Conference – November 7-9, in Columbus

This Ohio Wildlife Rehabilitators Association weekend conference will cover topics of interest to wildlife rehabilitators and educators. Call if you are interested in

attending or finding out more about this training and networking opportunity.

Annual Owl Walk – Sunday, January 25, 2pm at the Outdoor Education Center Lodge

This will be the thirteenth year for our afternoon walk to look for roosting owls. Meet at the OEC Lodge near the Raptor Center. Dress warmly. Remember, chances of seeing an owl, especially with such a large group, are slim, but it's a pleasant winter walk with congenial folks. After the hike we will gather by the fireplace in the lodge for hot drinks and introductions to some of the Center's resident owls. If you do not wish to hike, you are still welcome to join us inside around 3pm.

is very likely the wild family adopted our youngster when it called for food, so we were very relieved. Shortly after that we put the second one out and a week later the third. Both of these birds have come for food, sometimes together, sometimes skipping days, and occasionally sitting on cages or observing our activities. Both have been seen over five weeks after release, so we consider this a success.

We were not so successful with other red-tail arrivals. Many had old fractures and several may have had West Nile Virus. The same was true of the great horned owl admissions, except for the four that had been trapped, one in a soccer net, and the other three while raiding chicken coops. One young owl, after being taken



A young red-shouldered hawk which was later placed at a nest site with a family.

out of the coop once, had the nerve to march back up the ramp and through the door again, so the people were understandably frustrated. All four owls were released at the original sites with the understanding that if they caused problems

again, we would attempt to relocate them.

Besides the arrivals of our most common five species, we admitted four barred owls and two red-shouldered hawks. Both red-shoulders were juveniles that suffered head trauma in falls from nests. One was placed in a foster nest, and one is still recuperating. An adult barred owl was hit by a truck, suffering neurological problems and the loss of all flight feathers on one wing. It is physically fine except that it still does not have enough feathers for release.

A juvenile barred owl was placed with foster owl parents where we placed a box in 1996. The youngster was immediately accepted and fed by the family. Over two months later hikers found our owl on a nearby trail. We learned a storm had downed part of a large tree, bringing others down with it, which had presumably injured our owl. It had suffered head trauma, and in spite of our efforts, never did recover. A hiker in the Glen also came across a downed barred owl, this time an adult with wounds we thought consistent with those from another owl. Our first thought was an attack by a great horned owl, but in that case there might not have been much left of the barred owl. There was also the possibility of a territorial dispute with another barred owl, although they are rarely this deadly.



One of the young red-tailed hawks released in the Glen so we could continue to provide food for them.

There were sad and sometimes unexplained losses as there always are, but considering all of the releases, it was a very successful summer.

Our Adoption Program

The adoption fee is \$75 per year; a photo and certificate will be sent, and a sign will be placed at the bird's cage. You may also request a visit with your bird to a school, scout pack, club, office, or home. The money helps to support not only the adopted bird, but all the birds that come into the Raptor Center needing help. An adoption is a wonderful way for a group to help the Raptor Center, or makes a unique anniversary, birthday, holiday, or memorial gift for someone special.

Thank you for these renewals:

- Celina Intermediate School
- Matt and Taylor Foiles (2 birds)
- Halye Family
- Wayne Heinfeld
- Ken and Emily Hollingworth
- Phyllis Holsapple
- Ruth Mackey
- Katherine Rylien
- Summit Elementary (3 birds)

Welcome to our adoption family:

- Christopher Barnes
- Jan Joseph *In Memory of Richard Lamparter*

Hello to New Trailside Managers

We welcome Eli Cheney as the new full-time Trailside Museum Manager. Having grown up in Yellow Springs and having spent last spring as an OEC naturalist, Eli knows the Glen well. He will use his experience working with children in environmental education by holding public programs and leading hikes for school groups. Eli will also spend time working on improving and updating the exhibits at the museum.

We also welcome Mariam Sidibeh to Trailside and to the Glen. Mariam is a Antioch co-op student majoring in Environmental Studies. Mariam will not only be helping out at Trailside, but she will also work the Nature Shop, help with property management, and work on special projects.



Trailside Manager Eli Cheney (top) and Antioch College co-op Mariam Sidibeh.



New Homes for Our Resident Animals

The black rat snake and box turtles that live at Trailside Museum came to the Glen as donations from individuals who could not properly care for them. Having spent most of their lives in captivity, they could not be released into the wild.

At the museum, the animals serve an important educational role. Their enclosures and the animals themselves provide live educational exhibits where school children and the visiting public can learn about the natural history of reptiles.

Those of us that work at Trailside see how these live animals fascinate children and adults alike. We believe the reptiles at Trailside attract people to the museum, and encourage them to appreciate nature and engage more fully in nature education.

We want to ensure the best possible living conditions for the animals at Trailside. To do this, we have recently moved them into new and improved homes that were carefully designed to provide conditions that replicate their natural habitats. Their new homes provide the snake and the turtles with proper day and nighttime light and heating, water and land habitat,



The snakes and turtles at Trailside have new homes.

and plenty of space to move around.

The animal enclosures also enhance the appearance of Trailside, as each was beautifully and skillfully crafted by Yellow Springs resident Russ Shaw. Please come by Trailside to check out the animals in their new homes.

Thank You

- Elaine Brown for binoculars, seashells
- Kathleen McCloud for plants

Trailside Wish list

- Binoculars
- Nature-related children's storybooks
- Vacuum with hose
- Art supplies
- Cleaning products
- Nature artifacts (native to this region)
- Reptile light bulbs (daylight and nightlight)

GHEI Mission Statement

The Glen Helen Ecology Institute exists to protect the Glen for present and future generations. The GHEI fulfills its mission by engaging in land stewardship, education, community outreach and service, and research.

Glen Helen Board

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Glen Helen Ecology Institute

Administrative Offices

Located in the Glen Helen Building
405 Corry Street, Yellow Springs, OH
Mon-Fri, 9:00-4:30

Trailside Museum & Visitor Center

505 Corry Street, Yellow Springs, OH
For information on hours, walks & programs call
937-767-7375 or 937-767-7798.

Glen Helen Nature Preserve

Trails are open daily, sunrise to sunset. All
wildlife, vegetation, and natural features are
protected.

Outdoor Education Center

Residential environmental education center
for school groups and summer EcoCamps.
1075 State Route 343, Yellow Springs, OH
937-767-7648

Raptor Center

Raptor education and rehabilitation center
Visitors are welcome to visit the center and see
the resident birds.
1075 State Route 343, Yellow Springs, OH
937-767-7648

Glen Helen Nature Shop

Located in the Glen Helen Building
405 Corry Street, Yellow Springs, OH
Mon, 1-4pm; Tue-Fri, 9:30-4:30; additional
Saturday hours 10-4; 937-767-7375



Glen Helen
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