



Summer 2016

# THE FROGHORN

[www.SilverLakeNatureCenter.org](http://www.SilverLakeNatureCenter.org)



Photo with permission by Dawn Denner

## We take a moment to remember...

George R. Carmichael Jr.,

June 26, 1929– April 27, 2016

A lifelong environmental advocate, Mr. Carmichael was a former president of the Bucks County Audubon Society and member of many environmental organizations. George was the first paid summer naturalist for the Silver Lake Nature Center. He helped re-introduce native plants to the preserve and had a passion for instilling a love of nature in everyone he taught. George - Hope the birding's good. We love you and we miss you.

Florence Stepanaskie

1925-2016

Born in St. Clair, Pa., she later moved with her husband, Chester, to Levittown to start a family. Florence enjoyed crafts, cooking and gardening. She volunteered at the Silver Lake Nature Center in Bristol for over 30 years, where each year she was honored as a Century Club volunteer, putting in more than 100 hours a year. As well as her time, Florence often donated crafting supplies to the children's programs. She is greatly missed by the staff at the Nature Center who will remember her fondly.



## Silver Lake Nature Center

*50th Anniversary*

1966 - 2016

INSPIRING CONNECTIONS WITH NATURE FOR ALL AGES

## The Froghorn

This Newsletter is published quarterly by the Friends of Silver Lake Nature Center for the Silver Lake Nature Center, a facility of the Bucks County Parks and Recreation Department.

### CONTACT US

Silver Lake Nature Center  
1306 Bath Road  
Bristol, Pa 19007  
215 785-1177

SilverLakeNatureCenter@buckscounty.org  
www.SilverLakeNatureCenter.org

### NATURE CENTER HOURS

Tuesday - Saturday, 10 am - 5 pm  
Every Other Sunday, 12 pm - 5 pm  
Closed Monday

*Trails are open daily from Sunrise to Sunset*

### STAFF

**Jerry Kozlansky,** Director/Naturalist  
**Lorraine Skala,** Assistant Naturalist  
**PattiAnn Cutter,** PR-Marketing Manager/  
Environmental Educator  
**Jennifer Bilger,** Environmental Educator/  
Summer Camp Director  
**Arden Williams,** Volunteer Coordinator/  
Administrative Assistant  
**Danielle Morrissey,** Office Manager

The Bucks County Department of Parks  
and Recreation does not discriminate on the basis of  
disabilities in its programs, activities, and facilities.



## Our Mission:

*The Silver Lake Nature Center  
inspires connections with nature for  
people of all ages, interests, and abilities  
through education, recreation,  
preservation, research, and advocacy.*

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### Memberships

Individual \$25  
Household \$35

Check here for \$10 Senior discount

☐ **Special Memberships**  
(provides funds for additional programs)

Grey Fox \$ 50 - \$99  
Red Fox \$ 100 - \$249  
Willow Oak \$ 250 - \$499  
Pin Oak \$ 500 - \$999  
Legacy Investor \$ 1000



Silver  
Lake  
Nature  
Center

**Please Print**  
Name:

First Last

Address

house number/street name Apt.

City State Zip

Phone E-mail

### Application for Membership

☐ Gift ☐ New ☐ Renewal

All contributions and dues are tax deductible to the extent allowed by law - IRS code section 501 (c)(3).  
Checks should be made payable to: FOSL (Friends of Silver Lake)  
1306 Bath Road, Bristol, PA 19007

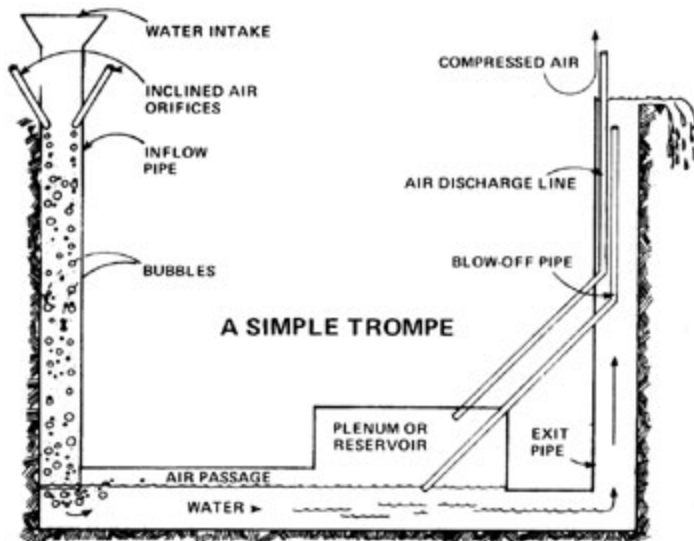
phone: 215 785-1177 fax: 215 785-3228 website: www.silverlakenaturecenter.org

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

## Trompe – The Oldest Clean Energy You Never Heard Of

If there was an energy source that was quiet, produced no pollution, had no moving parts and was powerful enough to provide refrigeration, air conditioning, and operate power tools, would you be interested?

There is such an energy source called Trompe and it's been around in various forms since the 1200's!



Trompes are simple devices. Water falling down through a constriction produces lower pressure and an external port allows air in – forming bubbles. As the bubbles travel down they are pressurized in proportion to the height of the column of water. The air and water enter a chamber where the water exits and the compressed rises to the top where it can be used as an energy source.

Trompes are still in use today – most notably in Canada's Ragged Chutes facility and in the US where trompe is being used in acid mine drainage treatments.

Find more information here:

<http://www.motherearthnews.com/renewable-energy/hydro-power-zmaz77jazbon.aspx>

## Volunteer of the Quarter:

### John McGrath

**John McGrath** has been volunteering here at the Silver Lake Nature Center for 13 years. He started as a shopkeeper in the Barn Swallow Gift Shop. Then, in 2014 with the completion of the Center's renovations, John's duties changed as well. He moved into his new role as Greeter. With this came added responsibilities in regard to visitor interaction, and he has stepped up to the challenge.

John is very dedicated and always ready and willing to work the Greeter's Desk with a smile. He will often cover the desk for extra shifts when needed. John also works diligently to keep our bird feeders full so that everyone can enjoy the birds.

Fondly referred to as "Mr. Sparkle", John takes great pride in tidying up around the Center. He can also be found helping to train new greeters and assisting staff with setting up and breaking down for our many different programs and events.

**Thank you John, for all you do!**

## Friends of Silver Lake Nature Center Board of Directors

Donna Scalzo- *President*  
Scott Brown- *Secretary*  
Pat Coleman- *Treasurer*  
Bryan Allen  
Robert Casselberry  
Jackie Garber,  
Theresa Giardine  
Dave Gibbon  
Bruce Harris  
Ron McGuckin  
Hope Sauppe  
James Sell  
Tyler Yankey

## Bucks County Commissioners

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Charles H. Martin- *Vice-Chairman*  
Diane M. Ellis-Marseglia- *LCSW*

## Bucks County Department of Parks & Recreation

William M. Mitchell, CPRP-  
*Executive Director*

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Penrose Hallowell  
Charles Raudenbush, Jr.  
Ed Zielanski  
Lowell Musselman



## **\*\*Correction\*\***

In the Spring 2016 Newsletter **Christa Bain** and **Marie Wojcik** were inadvertently omitted from the Century Club listing. Both **Christa** and **Marie** volunteered more than **100 hours of service in 2015**.

We apologize for the error and thank you both very much for your dedication to Silver Lake Nature Center.



## What's there to explore at Silver Lake Nature Center?

The animals on exhibit are there to spark intrigue and interest. Why are their habitats set up the way they are? What types of food or liquid do you see around them? As adults you may already know the answers or explanations to your observations, but have you ever thought about exploring these exhibits from a child's perspective?

Asking simple questions about what you are looking at can help children learn not to just ask questions, but also to explore possibilities. Our Food Chain Block was crafted by volunteer Dania Honea. The activity was designed to help explain how our exhibit animals would survive in their natural habitat. There are five main habitats on the Nature Center's grounds, which include the marsh, meadow, swamp, forest, and pond. As you explore the exhibits, think about which animal may be found in each habitat. Then, as you walk the trails and boardwalks, take a good look around and consider where they may build their home or what they may eat. You may be surprised at what you accidentally see when you are looking with a purpose.

Another extended learning opportunity at Silver Lake is our "Let's Go" backpacking tours. This activity was designed by Girl Scout Julia Singer who was working toward her Silver Badge Award. She wanted visitors to

be able to take a self-guided tour of the grounds. Here are the three tours she designed with you in mind:

Birds and Trees; General Grounds; and Kids Scavenger Hunt. Each tour comes with a backpack that encourages you to explore the grounds of the Nature Center at your own pace and interest. The Scavenger Hunt pack comes with an activity booklet that families can use to jot down their observations, color scenes, and create a memory journal of their explorations at Silver Lake.

Look for these activities on the counter in the orientation area, and let's enjoy the summer exploring the trails at Silver Lake!

For more information about the backpack tours, please contact:

Arden Williams  
267-880-5020 or  
awilliams@buckscounty.org



### Free Self-Guided Backpack Tours

If you have a valid State ID, you can borrow a backpack and go on a self-guided tour of the grounds. Ask for details at the Greeter's Desk.

## New Faces

### **Jerry Kozlansky**, *Director/Naturalist*

As the Director of the Silver Lake Nature Center, I have the pleasure of working with the most devoted and professional staff with whom I have ever been involved. I am looking forward to interacting with all the dedicated Board Members, Volunteers, and Members of this amazing place. My love of nature was instilled in me by my father who would take my brothers and me fishing through all the seasons of the year across Pennsylvania. I invite all visitors to come to the Center and introduce yourself while sharing with me your favorite memories of the Silver Lake Nature Center.

### **Ally Sarno**, *Camp Counselor*

I am so excited to share my love for Silver Lake Nature Center for a third summer in a row as a full day camp counselor. I am a recent graduate of Philadelphia University with an emphasis on environment and conservation.

### **Elizabeth McGoldrick**, *Assistant Camp Counselor*

I have recently graduated from Harry S. Truman High School. I will be attending Albright College in the fall and majoring in criminology. I have been with Silver Lake for over 8 years as a camper and CIT. I am super excited for an amazing summer!

### **Ryan Neuman**, *Environmental Education Intern*

I am an environmental studies and political science major at Albright College and will be a junior in the fall. I have spent several years volunteering at the Nature Center and this is my first year as an intern. I am one of the environmental education interns. I love kids, being outside, fishing and kayaking as well. I also enjoy sharing my love of nature with others.

### **Rachel Bryan**, *Environmental Education Intern*

I am a recent graduate of Temple University with a degree in Public Health. I am one of the environmental education interns for this summer. I am excited to help out and learn more about the Nature Center and all the programs that happen!

## Business Partners

### Friends of Silver Lake Business Partners and Donors

February 2016 - June 2016

#### **Diamond Partner \$5000+**

The Dow Chemical Company  
County of Bucks  
DEP, Coastal Zone Management

#### **Platinum Partner \$3000+**

CBM Construction Building Materials

#### **Silver Partner \$1000+**

Action Manufacturing Company

#### **Patron \$250+**

Cesare's Ristorante  
The Pines Tavern  
Mill Street Cantina  
The Borough Pub  
King George II Inn  
Streamline Payroll, LLC  
Allied Electronics, Inc.  
Harris Comfort, LLC  
Stifel Investments

#### **Friend \$100+**

Mazzanti's Market  
McCafferty Auto Group  
The Chiropractic & Injury Center, LLC  
Begley Carlin & Mandio

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### New Members

David Ayars  
JoAnn Bruehl  
Melissa Carroll  
Joe & Patricia Chelius  
Diana Clarkson  
Amanda Collins  
Betty Dworkin  
Monica Fera

William Fiend  
Valarie & Ian Haag  
Jackie Hargraves  
Susan Harkins  
Christina Jones  
Anna Lawler  
Michael & Sylvia Lisausk  
Stephanie Moore

Robert Neill  
John Nystedt  
Orlando Perez  
Cheryl Plunket  
Jennifer Ramirez  
Deborah Sheridan  
Pat & Karen Smith  
Monica Spanninger

Casie Sprague  
Gretchen Stallone  
Matthew Straiton  
Nicole Wolf  
Steven Wooke  
Elaine Zeaman

### Naturalist Skills For adults who wish to further their natural history knowledge in a fun and hands-on learning environment!

Meet at the Nature Center, dress for the weather, bring water and lunch!

\$30 members/\$40 non-members, **pre-registration required** 215.785.1177 or [SilverLakeNatureCenter@buckscounty.org](mailto:SilverLakeNatureCenter@buckscounty.org).

#### **Insects of Bucks County with Mary Anne Borge & co-led by Pat Coleman.** Saturday, 8/13 -10am to 2pm

We'll visit several different habitats, from forest to meadow to wetland, to hunt for insect species in each. By observing them, we'll learn about the role of insects in these different communities. Wear sturdy comfortable walking shoes, bring a camera and binoculars.

#### **Habitat Hike, led by Jerry Kozlansky** Saturday, 8/27 10am-12pm

Join the new Director of Silver Lake Nature Center, Jerry Kozlansky, and explore the miles of trails that wind through the preserve. This program will explore what macroinvertebrates reside in the water, what types of plants live in the different areas of the preserve, and what animals inhabit these locations. Prepare to investigate all types of things big and small!

#### **PA Master Naturalist Program** September through November

This program is designed to teach adults about the natural history and ecology of Pennsylvania's diverse eco-regions. Students will receive 55 hours of classroom and field instruction. Teaching involves outdoor activities, PowerPoint slides, suggested resources including a comprehensive training manual developed for the course, and interaction with other students and instructors. Upon graduating from training, Pennsylvania Master Naturalists are expected to complete 30 hours of volunteer service in their first year and 20 hours annually thereafter along with annual continuing education requirements.

For additional information or questions, and to register, please contact Ellyn Nolt at [progcoord@pamasternaturalist.org](mailto:progcoord@pamasternaturalist.org) or (717)368-4899.

## Calling all Volunteers! Events - Opportunities - News

### Upcoming Volunteer Events:

#### Volunteer Work Days

**First Saturday of every month from 9 am to 2 pm**

July 9, and Aug. 6

#### Butterfly Count

Saturday July 9 from 10am until 4pm

#### Volunteer Opportunities:

***Greeters-*** the first face of the Center; greeting visitors, answering phones, and running the cash register

#### ***Animal Caregivers***

We are in need of volunteers to come one day per week for an hour or two to feed our exhibit animals, clean their tanks, and handle them: 1 year commitment, training included.

#### ***Summer Camp Guest Naturalists***

We are looking for people with a special skill, talent, or knowledge base who are willing to volunteer to lead mini-programs for our summer camps.

### 2016 Earth Day Work Day

#### Event Statistics:

There were 80+ recorded volunteers for the April 16th Earth Day Work Day event. We cleaned up & removed over 1.17 tons of trash and 400 lbs of recyclables! We heard wonderful stories from people who came out to volunteer with us for the first time. Two friends who meet up every year to volunteer for an Earth Day Cleanup chose us this year. Employees and their families from the Disney store at Oxford Valley Mall and National Honor Society students also played a part in making this day great. Thanks to Len for making us St. Patty's soup and to all who participated in the day's activities. Thank you to DOW for sponsoring this event and to our partners, Keep PA Beautiful and G.O.A.L., whose help is invaluable!

## Thank you! It's so simple to say, yet it doesn't fully express the gratitude felt when we think about your contributions to the Center...

**John Gamel** donating Freshwater Mussels of the Delaware Estuary book to our resource library.

**Sue Grayeski** for creating climbing features for snakes and donating fish food.

**Patti Burd** for leading the Natural Egg Dying Class.

**Ellen Miller** for donating the eggs to use for the Natural Egg Dying Class.

**Joan Foley** for donating turtle food.

**Joanne Esterly** donating field guides, bird books, and gardening books in honor of her father Joseph Esterly.

**Mercy Ingraham** for donating a water bowl for thirsty dogs. Located outside the front doors next to the bird sanctuary.

**Marty Shively & Janice Rhodes** for donating "Goof Off" graffiti remover.

**Linda Reboh** for donating arts & craft supplies for summer camp.

**Jeannie Alexander** for donating a native gardening resource binder.

**Pat Rossi** for donating tablecloth clips.

**Teresa Falk-Bartkewich** former leader of Troop 2650 donated Red Sally plants for the hummingbird garden.

**Hope Sauppe** for donating new birdfeeders and hooks for front of building.

**Cissi & Lou Quattrocchi** for donating their time and shared their home for the Fine Spirits & Fare on the Delaware Event.

**Cathrine Frye** for donating 30 skeins of yarn for summer camp crafting.

### Exhibit Animal Adoptions-

**Cheryl Plunket-** Eastern Box Turtle, April 15, 2016

**Marie Roarty-** Red-eared Slider Turtle, October 8, 2015

**Nancy Bartle-** Pine Bull Snake, January 20, 2016

**Sue Grayeski-** Pond Tank, May 12, 2016

### Thank you Cissi Quattrocchi!

**Cissi Quattrocchi** has recently retired from the Friends of Silver Lake Board of Directors. Board member and membership in various committees doesn't begin to describe all Cissi has meant to us, and done for us, over the years.

Silver Lake Nature Center is what it is today partly because of Cissi. A tireless supporter and advocate, Cissi would rally friends, family and community to further our mission. She opened her home to over 150 visitors annually for our largest fundraiser. Cissi was instrumental in attracting new members and business partners and, along with her husband Lou, supported the construction of the Earthship.

Thank you Cissi, for all you have done. We will miss you on the Board!

## Summer Programs and Activities

### **Birding Trips**

\$15/ Members; \$19/ Non-members.

**Pre registration required**

215-785-1177 or [SilverLakeNaturCenter@buckscounty.org](mailto:SilverLakeNaturCenter@buckscounty.org)

*For more details please see the 2016 Spring Program or [www.SilverLakeNatureCenter.org](http://www.SilverLakeNatureCenter.org)*

### **Birding Bombay Hook**

*Saturday, 7/23, 7am – 5pm*

Led by Rick Van Kirk

Meet at Silver Lake Nature Center at 7am OR at off-site location at 8:30am. Late July is a great time to study adult shorebirds returning from the breeding grounds of the north, and also to look for southern species such as stilts, avocets, blue grosbeaks, etc. Dinner will be at a local restaurant. Pack lunch, snacks, and bring plenty of water as the weather can be hot.

### **Birding Cape May**

*Saturday, 9/17, 6:30am – 5pm*

Led by Linda R. & Mick Jeitner

This trip meets and begins at **Higbee Wildlife Management Area** at the end of New England Road, at 6:30am. Goal is to be there before morning light. Participants can also arrange to meet up with the group later in the morning at the state park at the pavilion next to the hawk watch at Cape May Point. Bring lunch. Dinner out.

### **Birding Bull's Island & DE Canal State Park.**

*Saturday, 10/8, 7:30am – 4pm*

Led by Hope & Kevin Sauppe

Join us as we take a scenic ride along the Delaware River to Bull's Island. We'll search for migratory birds including Warblers, Thrushes, and Vireos along the Delaware River. Throughout the day, we'll also explore various areas within the Delaware Canal State Park where Cuckoos, Pileated Woodpeckers, and various Raptors including Bald Eagles may be seen. This trip includes a moderate amount of walking but on easier trails. Pack a picnic lunch.

### **Scouting Programs & Opportunities**

We offer all kinds of Girl and Boy Scout programs, including Flag Retirement Ceremonies, Badges, Journeys, Service/Volunteer Projects, and more!

Scouts can also enjoy night-time programs, such as Night Hikes and Sleepovers! Both programs include an indoor presentation focusing on nocturnal life, a walk on the trails (without flashlights), a campfire, a marshmallow roast, storytelling, and a sing-a-long.

We will also work with you to suit the needs of your group with such options as fire building, fire safety, skits, and awards.

For more information on these and all of our Scout program offerings, please visit our website at

[www.SilverLakeNatureCenter.org](http://www.SilverLakeNatureCenter.org) or contact PattiAnn Cutter at the Center at [pacutter@buckscounty.org](mailto:pacutter@buckscounty.org) or 267-880-5022.

### **Fun for Preschoolers**

Bring your Preschool group out for our fun, educational programs! Some of our topics include: *Ponds & Puddles; Frog Friends; Bugs & Beasties; Five Senses; Forest Friends' Log Life; Winter Wonders; Hibernation Hap-pens; and Nature Discovery.*

These programs, designed to educate children and increase their awareness about our natural world, can be conducted at our location or at local Preschools.

For more information on our Early Childhood Education programs and/or to schedule a program, please visit our website at [www.SilverLakeNatureCenter.org](http://www.SilverLakeNatureCenter.org) and/or contact PattiAnn Cutter at [pacutter@buckscounty.org](mailto:pacutter@buckscounty.org) or 267-880-5022.

### **Celebrate at Silver Lake!!**

Silver Lake Nature Center offers many party options for children (of all ages), as well as grownup birthday parties, bridal/baby showers, anniversaries, other special events, and meetings.

Different types of parties we offer include Day-time Parties, Night Hikes, Campfires, and Kayak trips. We'll work with you to find the right program for your event. Fees vary according to program.

Some of our themes are: Butterflies; Insects; Spiders; Frogs; Rabbits; Squirrels; Worms; Dinosaurs & Cousins; Tracks & Scat; and more. If there is a nature-related theme that you'd like, but it is not listed, please let us know, and we'll work with you to make that happen, too!!

For pricing and additional info, visit [www.SilverLakeNatureCenter.org](http://www.SilverLakeNatureCenter.org) or contact PattiAnn Cutter at 267-880-5022 or [pacutter@buckscounty.org](mailto:pacutter@buckscounty.org).





## Silver Lake Nature Center

1306 Bath Road Bristol, Pa 19007

NON-PROFIT ORG  
U.S. POSTAGE  
PAID  
Levittown, PA 19055  
Permit #302

Address service requested.

### On The Horizon



Silver Lake Nature Center is celebrating its 50th anniversary this year.

Look for special 50th anniversary events and opportunities throughout the year to show your support and share your favorite things about the Nature Center!

## Silver Lake Nature Center Summer Camp 2016

Sign the kids up for one or several weeks of nature discovery, games, crafts and outdoor fun!

### June 27 through August 19

Ages 6 to 12

8 one week sessions, Monday through Friday

Full Day Session, 9am to 4pm

Half Day Session, 9am to 12pm

### Preschool Nature Camp

Ages 4 and 5

July 18-22

August 15-19

9am to 12pm

*Before and After Care is Available!*

