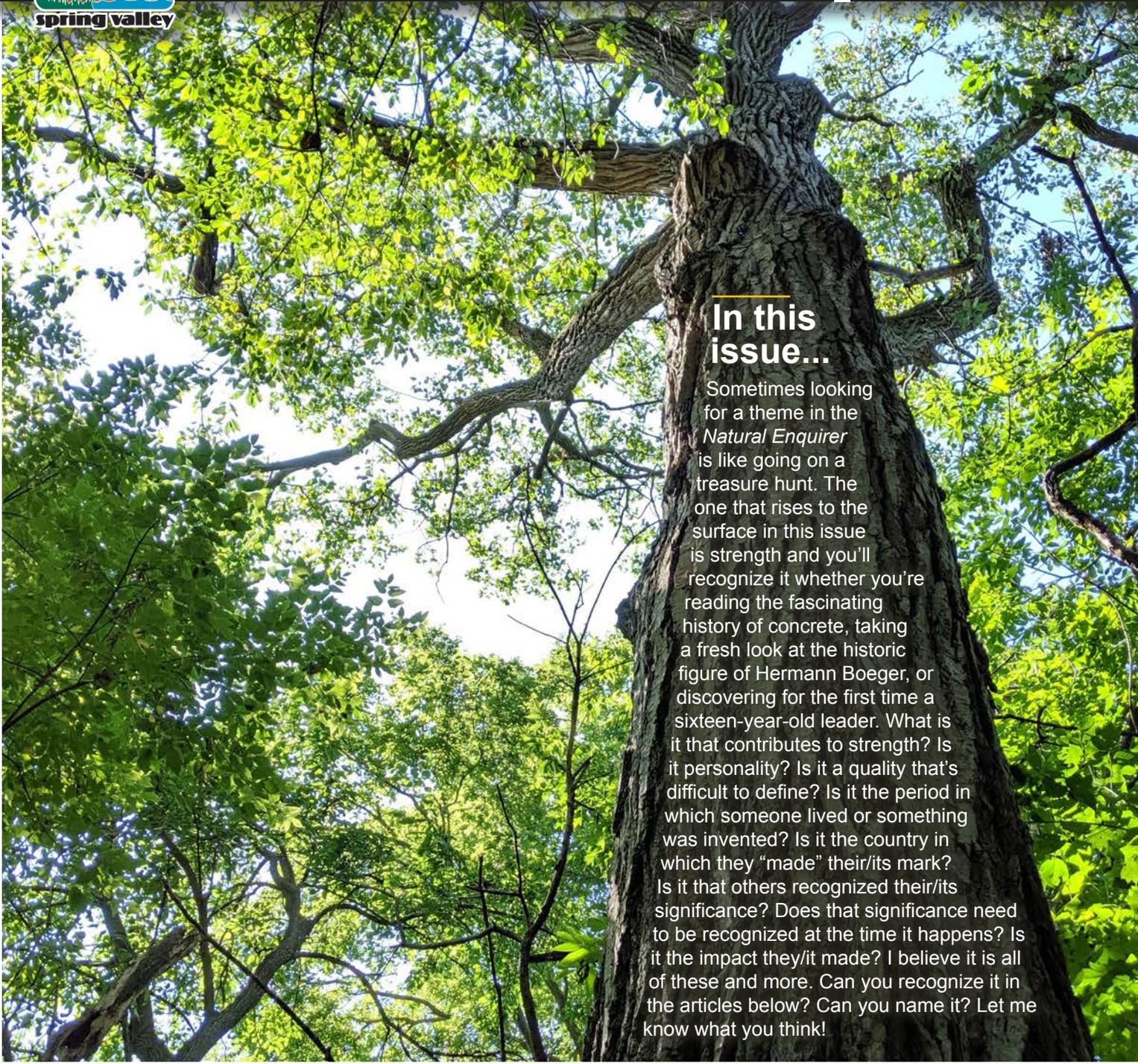




Natural Enquirer

Newsletter for Spring Valley Supporters and Volunteers

Vol 10 • Sept./Oct. 2019



In this issue...

Sometimes looking for a theme in the *Natural Enquirer* is like going on a treasure hunt. The one that rises to the surface in this issue is strength and you'll recognize it whether you're reading the fascinating history of concrete, taking a fresh look at the historic figure of Hermann Boeger, or discovering for the first time a sixteen-year-old leader. What is it that contributes to strength? Is it personality? Is it a quality that's difficult to define? Is it the period in which someone lived or something was invented? Is it the country in which they "made" their/its mark? Is it that others recognized their/its significance? Does that significance need to be recognized at the time it happens? Is it the impact they/it made? I believe it is all of these and more. Can you recognize it in the articles below? Can you name it? Let me know what you think!

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Visit parkfun.com and take our Spring Valley Program Survey.

Hermann the German

by Patricia Kennedy Green



In the 1880 US census record for Schaumburg Township, there were 30 males named Hermann. One of these, Hermann Boeger, was the gentleman that owned the land where the Heritage Farm at Spring Valley is situated. With so many men named Hermann in the records, it made me curious as to where the name came from.

The name Hermann means “army man” or “warrior” and can be traced back to a particular German hero originally known amongst the Roman Legions as “Arminius.” It was Martin Luther who first referred to Arminius as Hermann, and the name stuck. He was a legendary figure in German culture and has been the subject of much Germanic folklore and art. In Detmold, Germany, a prominent statue of Hermann, the *Hermannsdenkmal*, was erected in his honor in 1875 and still draws numerous viewers today. A second statue, the Hermann Heights Monument, was erected in 1888 in New Ulm, Minnesota. Hermann, Missouri (established in 1837), is named after him and The Sons of Hermann, a German-American organization founded in the early 19th century in New York, shows their allegiance to him with their name.

Hermann’s story begins around the year 18 BC. Born near what is today Hannover, Germany, Hermann was the son of the Cherusci tribal Chief. His father had been coerced into an allegiance with Rome, and Hermann and his brother were raised as hostages, learning Latin and becoming involved in Roman military warfare. As he grew older, Hermann was awarded Roman citizenship and even received knighthood by Caesar Augustus. He also commanded the Cheruscan detachment of the Roman auxiliary forces fighting for Rome in the northern part of Germany. Following the fighting, Hermann returned to his homeland which was ruled by the Roman appointed governor, Publius Quinctilius Varus.

It is widely believed that despite having served in the Roman military, Hermann held a deep hatred of the Romans. By 9 AD, he had secretly begun to unite other Germanic tribes throughout the region in an effort to stop the Romans from assuming control past the Rhine River (By 8 BC Rome had a strong hold on the German territory up to and east of the Rhine River and was now

seeking to establish its hold further eastward to the Weser and Elbe rivers). During this same time, Hermann also eloped with Thusnelda, daughter of Segestes, a Cheruscan noble. Segestes was a staunch supporter of Rome and had had strong contacts with Varus. After he found out Hermann had stolen his daughter, Segestes became incensed and claimed to Varus that Hermann was committing treason against Rome. Varus paid no attention to Segestes, however, for he believed Hermann was too decorated a soldier and too loyal to Rome to be plotting against his commander

In the fall of 9 AD, the 25 year old Hermann brought Varus “false” news of a rebellion in northern Germany and persuaded him to divert the three legions under his command to curb the insurrection. It was not until Varus arrived at the battle grounds by the Teutoburg Forest that he realized it was a trap. Hermann’s tribe, the Cherusci, along with their allies, the Marsi, Chatti, Bructeri, Chauci, and Sicambri ambushed Varus and his men. The Romans were annihilated and Varus committed suicide after realizing his legions were lost. In the end, some 20,000 men were killed or captured and never heard from again.

Following this defeat, Rome wanted vengeance. In 14 AD, the Roman military leader Germanicus (son of a former military leader and nephew to the current Caesar, Tiberius) led four legions and ten thousand auxiliaries back into Cherusci territory. With the help of Segestes and his son, war was waged and Hermann’s now pregnant wife was taken captive. After two large battles, Caesar Tiberius proclaimed Germanicus’ campaign victorious and, with Thusnelda’s capture, Rome avenged. Germanicus’ legions were ordered back to Rome and never ventured past the Rhine territory. The land that would one day be known as Schaumburg remained unconquered. Sadly, Hermann never saw his wife again and never met his son. In 21 AD, Hermann was victim to internal feuding among his tribe and, due to treachery, died.

Hermann left a legacy of independence that would often be summoned by the German people during times of strife and war from that point onward. Often, when a new political organization rose to power in Germany’s history, the party would cite Hermann as a hero and appropriate his likeness to their cause. Perhaps the most well-known group to do this was the Nazis, who used his legacy extensively. After World War Two, however, popular German culture tried to purge itself of all things Nazi and with that Hermann’s legacy fell out of favor. History books were changed to read that it was a shame Hermann defeated the Romans. They wrote that Hermann had denied their culture the intellectual growth the Romans may have offered. The name of the battle was changed as well; what had once been called *Hermannschlacht* (Hermann’s Battle) in German was referred to as *Varusschlacht* (Varus’ Battle). It was not until the 2,000th anniversary of the battle that sentiments began to change within popular culture.

Today, Germans look at Hermann more realistically and less “romantically.” As one online article entitled “They Need a Hero” suggests (<https://www.thenational.ae/uae/they-need-a-hero-1.528707>), “Germany regards itself as being post-patriotic, and certainly cured of all the militaristic nationalism that Hermann once represented. The article also questions this statement saying that maybe people do need heroes and as long as we look at them through the eyes of history and less through romance, they might just be something for people to believe in.

This article was originally written in 2013 with information from an online article written in 2009. In 2010 when I visited the Schaumburg region in Germany, Hermann was talked about extensively by my host parents and others we met during my stay. Any time someone learned I was interested in history, his name was sure to come up in conversation. For good or bad, Hermann and his battle really did have an impact on the German people. It would be interesting to learn how German public view Hermann. This year is the battle’s 2,010th anniversary.



Detonation Times by Walter Plinske

For over 2,000 years the Pantheon in Rome, with the world's largest unreinforced concrete dome, has stood as an example of the architecture and engineering genius of the time. One reason that it has endured is the fact that it was converted from a pagan temple to that of a church early on, making it immune from certain iconoclasts. But the main reason why one can still be awed in its presence is that the Romans knew how to build structures out of concrete, without reinforcement bars, that still withstand the test of time. Today, the average building made of concrete embedded with steel "rebar" is only expected to last 50 years. The vision of casinos, apartment blocks, and sports stadiums being imploded to bring them down is now a common scene. What did the Romans know that we don't and why are buildings now part of our "throw-away" society?



The critical difference is the modern use of steel rebar concealed within the concrete. Steel is made up mainly of iron, which will inevitably rust. This ruins the durability of concrete structures in ways that are difficult to detect and costly to repair. While it may be justified to preserve an iconic 20th century building, it is questionable whether this will be affordable or desirable for the vast majority of structures. It is estimated that the repair and rebuilding costs of these, just in the U.S., will be trillions of dollars.



Steel reinforcement was a popular innovation dating from the 19th century. Steel bars add strength which allows for thinner slabs; thus, requiring less concrete and speeding up construction time. When embedded in concrete, however, steel is being attacked by moisture entering through thousands of tiny cracks. This creates an electrochemical reaction. As it is distributed through the concrete, one end of the rebar becomes an anode and the other a cathode, forming a "battery" that powers the formation of iron into rust. Rust can expand the rebar up to four times its size, enlarging cracks and forcing the concrete to fracture in a process called spalling, more widely known as "concrete cancer".

Roman concrete was used in construction during the late Republic until the fading of the empire (about 80 BC to 400 AD). It differs in several ways from modern concrete, which is typically made with Portland cement, a mixture of silica sand, limestone, clay, chalk, and other ingredients bonded together under extreme heat. Mixed with water, this cement becomes a paste that binds "aggregate", sand and gravel, together. Roman concrete is durable due to the incorporation of volcanic ash, which prevents cracks from spreading. The volcanic ash was originally discovered in the Pozzuoli ash deposits near Naples and Mount Vesuvius. Eventually, all such ash wherever its origin was dubbed for this locale as "pozzolana". Development in the material contributed to complicated forms such as the Pantheon dome, the largest and oldest unreinforced concrete dome. Roman concrete was normally faced with stone or brick, with interiors decorated by stucco, frescos, or thin slabs of marble. Made up of aggregate and cement, like modern concrete, it differed in that the aggregate was larger than in modern concrete. Some Roman concretes were able to be set underwater, which was useful for bridges, docks, and breakwaters. Not only is Roman concrete more durable than what we make today, but it actually gets stronger over time.



Making concrete the way the Romans did would be a boon to the modern building industry. Unfortunately, the exact recipe they used has been lost to time. And it is not like all the world's cement could be replaced with the historical stuff because the right volcanic ingredients are not located everywhere. The Romans simply had the right type of rocks. The alternative is to make modern concrete better. Rebar could be made of materials that won't rust. Stainless steel, aluminum-bronze alloys, and fiber-polymer composites are possible, but not yet widely used. Plain steel rebar can be plated with rust-inhibitors, which is becoming more common today.

There are environmental costs of rebuilding structures every 50 years. Cement manufacturing alone is responsible for roughly 5% of global carbon (CO₂) emissions. It is the 3rd largest contributor after automobiles and coal fired power plants. Concrete also makes up the largest proportion of construction and demolition waste and represents a third of all landfill waste. Recycling concrete is also difficult and expensive. The world needs to reduce its concrete production, but this will not be possible without longer lasting buildings!



Hopefully, you have heard about, seen, and read about Greta Thunberg, the young Swedish student who began striking for climate change a year or so ago. If not, be sure to watch this short video of her speaking to COP24 in Poland ([Greta Thunberg](#)) last fall or just Google her name. Greta makes a compelling case about governmental procrastination in regard to this issue and does her best to walk her talk. She'll be coming to the United States to speak at the United Nations this fall. How will she travel? By sailboat!



Greta Thunberg

If you are not familiar with the climate strikes that began with this young student, Google the topic and you will find a lot of information. Her single stance sitting in front of the Swedish parliament has become a worldwide phenomenon about this global crisis. Although we in the United States have been slow to participate, here is a list of past worldwide events ([Climate Strikes](#)).

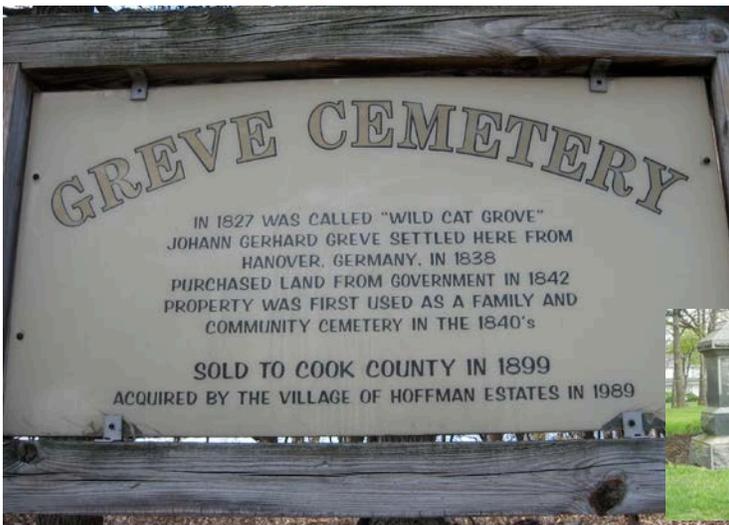
**G L O B A L
CLIMATE
STRIKE
20-27 SEPT**

Young people have led the climate strikes around the world. *Fridays for Future*, the *Youth Climate Strike* movements, and concerned people all over the world are calling for a global general strike on September 20. This will kickstart a week of climate action. There are many different plans under way around the world for everyone to step up and out of their comfort zone for our climate.

A strike sounds more ominous than it really is! Join with your neighbors, co-workers, friends, and family and go out on to the streets to make your voices heard. Make this a turning point in our history. A walk around the block or a gathering on a street corner with an appropriate sign brings awareness of our warranted concern about the survival of Earth as we know it. The strike can take place at any time, though it's often around lunchtime. It's the sheer number of global participants that contribute to the significance of the event.

To change anything, we need everyone! It's time to harness collective action; to make sure that change happens. This is our chance—join the climate strike. Mark your calendar for September 20.

Check out #FridaysForFuture #ClimateStrike



**FREE • Greve Cemetery Tour
Sunday, Oct. 13 • 1 p.m.**

Nancy Lyons, Historical Sites Commission, will lead a group tour (weather permitting). The tour will feature the interrelated pioneer families who settled in the 1840s along what is now Higgins Road. The cemetery is located at 1700 Abbey Wood in Hoffman Estates.



Reservations:
847-781-2606 after Oct. 7.

Private, small group tours by appointment. **FREE**

What's Happenin'



Click on program/icon for information and to register online.*

*To create a new account, visit the registration desk at the CRC or download an internet registration form at parkfun.com under the registration tab.

Programs will be cancelled three days in advance if minimum is not reached, so register early!

Spring Valley offers an early bird discount on programs. Prices in the current brochure reflect that discount and will be in effect until one week before the date of the program. At that time, fees will increase 15%. Programs with insufficient registration will be cancelled at noon three days before the program. Please take advantage of this opportunity. It is our attempt to serve you better!



Growing Up Wild: Early Childhood Teacher's Workshop | Saturday, Sept. 14 • 9:00 a.m.-noon

Join us for a hands-on workshop designed for early childhood educators. *Growing Up Wild* builds on children's sense of wonder about nature and invites them to explore wildlife and the world around them.



Project Learning Tree | Saturday, Sept. 7 • 9:00 a.m.-3:00 p.m.

Project Learning Tree is an award-winning environmental program designed for educators, parents and community leaders. Enjoy a fun filled day learning about and participating in many of the 96 interdisciplinary activities.

Additional workshops are being developed. For information, visit parkfun.com/spring-valley-programs/programs

ADULT



Breakfast with the Birds: Adults-Only Sunday, Sept. 28 • 8-9:30 a.m.

Learn how to use field markings and a guide book to identify unknown birds.

A Beginner's Intro to Yoga at the Cabin Tuesday, Sept. 10-Dec. 17 • 7:30-8:30 p.m.

Wednesday, Sept. 11-Dec. 18 • 6-7 p.m.

Wednesday, Sept. 11-Dec. 18 • 7:30-8:30 p.m.

This yoga class at the cabin is especially designed to introduce NEW students to yoga.

Weekly Yoga at the Cabin

Thursday, Sept. 12-Dec. 19 • 6-7 p.m.

Thursday, Sept. 12-Dec. 19 • 7:30-8:30 p.m.

Nurture your mind and body in this rustic setting and connect with nature.



EARLY CHILDHOOD



Follow That Leaf

Saturday, Oct. 12 • 10:30 a.m.-Noon

After listening to the story *Leaf Man*, we will go on a leaf collecting hike.

How a Spider Spins its Web

Saturday, Oct. 12 • 1-2:30 p.m.

Join us while we enjoy a book, a short hike and a craft centered around our eight-legged friends.



Concert at the Cabin

Saturday, Sept. 7 • 4-7 p.m. • FREE

Come enjoy wonderful music in a beautiful setting! The Spring Valley Community Concert Band will perform under the shelter on the wooded cabin grounds as evening settles in. Picnic fare and beverages will be available for purchase or bring your own food, lawn chairs and a blanket. Picnic tables will be available. The music will begin at 5 p.m. Merkle Cabin is an easy 10-minute walk from the Nature Center parking lot, or you can take a wagon shuttle.



Nature Play Date

Thursday, Oct. 3, 10, 17 & 24

11:45 a.m.-12:30 p.m.

Celebrate fall with outdoor activities, science and nature-based play.

FAMILY

The following programs have a special family rate. By registering ONE child, it is assumed that a minimum of two people (one adult and child) or a maximum of four people are attending. Do NOT register additional people, they may pay on the day of the program.



NEW • Family Bird Hike

Saturday, Sept. 28 • 10-11:30 a.m.

Learn how to use field markings and a guide book to identify unknown birds.



Family Woodworking: Bird Feeders

Saturday, Nov. 9 • 10-11:30 a.m.

Create a birdfeeder to energize and prepare birds for their long journey south for winter.

Monarch Butterfly Releases

Located just outside the rear entrance of the Nature Center.

Learn how YOU can help monarch butterflies at home!

See eggs, caterpillars, chrysalises and butterflies!

Daily, June through September
10:15 a.m. & 2:15 p.m.

Will not occur on chilly, rainy or windy days OR when no adult butterflies have emerged from their chrysalises.

ADIÓS AMIGOS party

Final 2019 Monarch Release Celebration
Sunday, Sept. 22 • 2 p.m.
Monarch Rearing Station (behind Nature Center)

Help us send off our final MIGRATING MONARCHS in style on their long journey to Mexico! We will celebrate with a bubble-rific send off with refreshments, activities and a rousing thank you to all the volunteers and families who helped raise monarchs year.

YOUTH



NEW • Girl Scout Campfire Bash
Friday, Sept. 27 • 6-8 p.m.

Girl Scouts only event. Join Spring Valley staff for an evening of nature hikes, scavenger hunts, campfires, marshmallow roasting and more!



Spooky Campfire Cooking
Saturday, Oct. 19 • 10:30 a.m.-12:30 p.m.

Get into the Halloween spirit by creating your own edible and ghoulish treats.

Weekly Horse-Drawn Wagon Rides at the Farm

Saturdays and Sundays until mid-November

Through Nov. 17, from noon to 2:30 p.m., relax and enjoy a horse-drawn wagon ride through Heritage Farm as staff relates information about the farm, animals and the history of Schaumburg's farm families. Dress for the weather.

- Saturdays, Sundays, Wednesdays and Fridays
- Tickets are sold on a first come, first served basis the day of the ride and no earlier than 15 minutes before the start time.
- Tickets are \$4/person; children 3 and younger are free.
- Wagon holds a maximum of 15 people.
- Rides begin and end next to the Farm Visitor Center.

Wagon rides may be cancelled due to extreme weather (storms or heat) and/or animal health issues. Wagon rides will not be offered on Special Event days. Please call 847-985-2102 or check parkfun.com for updated information.

Step back in time more than 100 years and watch history come to life.

36TH ANNUAL AUTUMN HARVEST FESTIVAL

NOW TWO DAYS!

Saturday & Sunday, Oct. 5 & 6
Noon-4 p.m.

Spring Valley Nature Center & Heritage Farm

Home School Programs

Looking for an educational outing for your home school group? Spring Valley is the perfect place for hands-on, **exploration and science-based** programs. Topics include Conservation in Action, Woodlands, Owls, Seasonal Ecology, Pioneer Living, Farms and Food, Gardening, Wetlands, Night Hikes, and Mighty Acorns. Call 847-985-2100 to find out more about Mighty Acorns, a three-season visit to the Nature Center.

For more information about programs and pricing, or to schedule a program, call 847-985-2100.

A Haunting in the Valley

Friday & Saturday, Oct. 25 & 26
6:15-9 p.m.

Before Oct. 25: \$6 per person • Walk-in: \$8 per person
Preregistration is advised—day-of tickets not guaranteed.



Enjoy a covered wagon ride to a trail of fun and adventure! Games, refreshments, a live owl and bonfire at the Nature Center.

Click here for more information.

Nature Center Drop-in Programs



FREE • Community Conservation Work Days

• National Public Lands Day

Saturday, Sept. 28 • 9 a.m.-1 p.m.

Join staff and volunteers in this day of service and demonstration of local environmental stewardship.

• Brush Cutting & Invasive Species Removal

Saturday, Nov. 16 • 9 a.m.-1 p.m.

Join staff and volunteers in this day of service and demonstration of local environmental stewardship. Participants will learn how people can work with nature to heal the land and help restore rare plants and animals. Refreshments will be available.

FREE • Jammin' Round the Campfire

Saturday, Oct. 19 • 6-8 p.m.

Enjoy an evening filled with songs, stories and more! Grab your favorite instrument (even if it's just your hands, feet, and voice) and circle around the campfire! We'll sing classic campfire songs and learn a few new ones as well. After singing and playing up a storm, satisfy your sweet tooth with roasted marshmallows.

Heritage Farm Drop-in Programs



FREE • Home School Drop-in Day

Wednesday, Sept. 4 • 10 a.m.-2 p.m.

Come and experience activities that an 1880s farm family would have done in early fall. Participants will be able to help with gardening, baking in the farmhouse, milking a cow and other fall chores. There also will be a craft project to take home for a small fee. (Activities may change or vary depending on weather, grounds and/or animal health conditions.)

Admission: FREE • Craft: \$3

Harvest Bonfire

Saturday, Sept. 14 • 6-8 p.m.

Help celebrate our fall harvest by taking a wagon ride through Spring Valley's Heritage Farm, and roasting hot dogs and marshmallows over an open fire.

Admission: \$7 per person. Children ages 3 and younger are free.

Harper College & Spring Valley

Register through [Harper College](#) or call 847/925-6707. Class held at Spring Valley.

Home Canning & Food Preservation Sunday, Sept. 22 • 2-5 p.m.

Explore the historic importance of food preservation and learn the process of home water bath canning and make a variety of sauces, pickles and jams.

Course: LFS0006-001

Reducing Our Carbon Footprint Saturday, Oct. 19 • 10-11:30 a.m.

Explore ways to reduce your carbon footprint using the book *Low Carbon Diet: A 30 Day Program to Lose 5000 Pounds (of carbon)*. Calculate your current CO₂ footprint and explore ways to reduce your impact.

Course: LLG0007-001

Backyard Bird Feeding Saturday, Nov. 9 • 1-2:30 p.m.

Participants will learn all about the different types of feeders they can use to attract winter birds to their backyards and the species of birds that can be expected to show up.

Course: LLG1113-001

Trick or Treating at Spring Valley - FREE

Thursday, Oct. 31 • 3-5:30 p.m.



Spring Valley will be open from 3-6 p.m. for trick or treating. Visitors are encouraged to wear their Halloween costumes, explore the doors and nooks of the Nature Center, travel from building to building at the Heritage Farm and enjoy a wagon ride between both sites.

Sponsored by Sponsored by Spring Valley Nature Club



Volunteer News

Volunteer Want Ads

If you are interested in helping with any of the following activities, please call Judy at 847-985-2100 or e-mail her at juvito@parkfun.com.

National Public Lands Day

Saturday, Sept. 28, 9 a.m.-1 p.m.

Join us for our conservation workday and assist with this demonstration of local environmental stewardship. Help spread the message on how people can work with nature to heal and restore it. Any donation of paper grocery bags for use in seed collecting would be greatly appreciated. Drop the bags off at the Visitor Center.



Autumn Harvest Festival

Saturday, Oct. 5 & Sunday, Oct. 6 Noon-4 p.m.

We're looking for volunteers to help at Spring Valley's largest event – Autumn Harvest Festival.



Activities are held at both the cabin and the farm and include children's activities and crafts, refreshment sales, farm interpretation, and more! Volunteer shift time is 11:30 a.m. to 4:30 p.m. Also, additional help is needed for set-up on Thursday, Oct. 3. Call if you can lend a hand!

A Haunting in the Valley

Friday, Oct. 25 & Saturday, Oct. 26 5:15-10 p.m.

We need your help with our Halloween event which will feature a wagon ride to the Cabin for a guided walk along the night trails. Volunteers are needed for check-in, concessions, family activities, characters, and props. If you'd like to be part of the adventure, give us a call!



Dates to Remember

- Wednesday, Sept. 4 6:30-8:30 p.m.
Volunteer Meeting
- Monday, Sept. 9..... 1:30-4 p.m.
Handy Crafter Meeting
- Saturday, Sept. 28..... 9 a.m.-1 p.m.
Conservation Workday
- Thursday, Oct. 3 9:30 a.m.-3 p.m.
Autumn Harvest Set-up
- Saturday, Oct. 5..... Noon-4 p.m.
Autumn Harvest Fest
- Sunday, Oct. 6..... Noon-4 p.m.
Autumn Harvest Fest
- Monday, Oct. 14 1:30-4 p.m.
Handy Crafter Meeting
- Friday, Oct. 25 6:15-9 p.m.
A Haunting in the Valley
- Saturday, Oct. 26..... 6:15-9 p.m.
A Haunting in the Valley
- Monday, Oct. 31 3-5:30 p.m.
Trick or Treating at Spring Valley

Welcome New Volunteers...

- Sharon Berg
- Michael Chwal
- Darlene Cuker
- John Figlewicz
- Lauren Hall
- Dave Marselle
- Abigail Rummel
- Mishelle Chapman
- Nancy Croke
- Barb Figlewicz
- Susan Gorke
- Aykut Imren
- Kara Marselle

Pats on the back to the following volunteers...

- **Jeanne Banducci, Peg Dorgan, Lynn Eikenbary, David Gola, Kirk Levis and Karen Mueller** for assisting with Nature Center summer camps.
- **Lynn Eikenbary, Lydia Tarasiuk and Carolyn White** for representing Spring Valley at Schaumburg's Farmers Market.
- **Roy Svenson** for all his help in mowing and cleaning up the Heritage Farm.
- **James McGee** for all his work to eliminate invasive sweet clover in our native prairies.
- **Tom Perles** for single-handedly making repairs to numerous sections of the boardwalk connecting the Heritage Farm with the west parking lot.

Congratulations to...

Congratulations to **Roy Svenson** for being awarded the 2019 Ellsworth Meineke Award for his extraordinary effort in preserving our living heritage through his various volunteer efforts at Spring Valley.



Happy Birthday to... September

- | | |
|----------------------|-------------------|
| 1 Nancy Lyons | 20 Lynn Eikenbary |
| 3 Liz Entwistle | 22 Dale Harper |
| Alexis Matesi | 23 Anjali Patel |
| 7 Adrienne Mikkelsen | 24 Gloria Moritz |
| 8 Peggy Kulis | 26 Jim Peterson |
| Chris Raynor | 27 Carol Johnson |
| 14 Donald Anderson | 28 Gail Ameer |
| 16 Eliana Ford | Barb Mitchell |
| 18 Dick Ruffolo | |

October

- | | |
|----------------------|------------------------|
| 4 Rosemary Colbert | 18 Gene Niewiadomski |
| Anabel Valdez-Hudson | 19 Darlene Cuker |
| 5 Don Olszewski | Denise Suender |
| 6 Valerie Kot | 21 Tony Meo |
| 8 Dave Marselle | Linda Terp |
| 14 Ken Ogorzalek | 23 Ken Carlson |
| 15 Pat Heiberger | Adyan Khan |
| 16 Eve Carter | Ahmar Khan |
| Tessa Sheeks | 27 Savannah Pennington |
| | 31 Pat Ramos |

SEPTEMBER 2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p>1</p> 	<p>2</p> <p><i>Labor Day</i></p>	<p>3</p>	<p>4</p>  <p>Volunteer Meeting 6:30pm</p>	<p>5</p>	<p>6</p> <p>•Kick Off to Oktoberfest 4pm</p>	<p>7</p> <p>•Concert at the Cabin 4pm</p>
<p>8</p>	<p>9</p> <p>Handy Crafters Meeting 1:30pm</p>	<p>10</p> <p>•Home School Drop-In Day 10am</p> <p>•Intro to Yoga at Cabin 7:30pm</p>	<p>11</p> <p>•Intro to Yoga at the Cabin 6pm Schaumburg Community Garden Club 7pm •Intro to Yoga at Cabin 7:30pm</p>	<p>12</p> <p>•Weekly Yoga at the Cabin 6pm Sierra Club 6:30pm •Weekly Yoga at Cabin 7:30pm</p>	<p>13</p> 	<p>14</p> <p>•Harvest Bonfire 6pm</p>
<p>15</p>	<p>16</p>	<p>17</p>  <p>•Intro to Yoga at Cabin 7:30pm</p>	<p>18</p> <p>•Intro to Yoga at the Cabin 6pm •Intro to Yoga at Cabin 7:30pm</p>	<p>19</p> <p>•Weekly Yoga at the Cabin 6pm •Weekly Yoga at Cabin 7:30pm</p>	<p>20</p>	<p>21</p>
<p>22</p> <p>•Home Caning and Food Preservation 2pm •Adios Amigos Party 2pm</p>	<p>23</p> 	<p>24</p> <p>•Intro to Yoga at Cabin 7:30pm</p>	<p>25</p> <p>•Intro to Yoga at the Cabin 6pm •Intro to Yoga at Cabin 7:30pm</p>	<p>26</p>  <p>•Weekly Yoga at the Cabin 6pm •Weekly Yoga at Cabin 7:30pm</p>	<p>27</p> <p>•Girl Scout Campfire Bash 6pm</p>	<p>28</p> <p>•Breakfast with the Birds 8am National Public Lands Day 9am •Family Bird Hike 10am</p>
<p>29</p>	<p>30</p>	<p>1</p>	<p>2</p> 	<p>3</p>	<p>FARM HOURS: TUES-SUN • 10 A.M.-4 P.M. CABIN CLOSED</p> <hr/> <p>Bold indicates volunteer activities <i>Italics</i> indicates programs which may be taken as complimentary by volunteers See "What's Happening" for program descriptions</p>	

OCTOBER 2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p>FARM HOURS: TUES-SUN • 10 A.M.-4 P.M. CABIN CLOSED</p> <p>Bold indicates volunteer activities <i>Italics</i> indicates programs which may be taken as complimentary by volunteers See "What's Happening" for program descriptions</p>		<p>1</p> <p>•Intro to Yoga at Cabin 7:30pm</p>	<p>2</p> <p>•Intro to Yoga at the Cabin 6pm Spring Valley Nature Club 6:30pm •Intro to Yoga at Cabin 7:30pm</p>	<p>3</p> <p>Autumn Harvest Festival Set-Up 9:30am •Nature Play Date 11:45am</p> <p>•Weekly Yoga at the Cabin 6pm •Weekly Yoga at Cabin 7:30pm</p>	<p>4</p>	<p>5</p> <p>Autumn Harvest Festival Noon</p>
<p>6</p> <p>Autumn Harvest Festival Noon</p> 	<p>7</p>	<p>8</p> <p>•Intro to Yoga at Cabin 7:30pm</p>	<p>9</p>  <p>•Intro to Yoga at the Cabin 6pm Schaumburg Community Garden Club 7pm •Intro to Yoga at Cabin 7:30pm</p>	<p>10</p> <p>•Nature Play Date 11:45am</p> <p>•Weekly Yoga at the Cabin 6pm Sierra Club 6:30pm •Weekly Yoga at Cabin 7:30pm</p>	<p>11</p>	<p>12</p> <p>•Follow that Leaf 10:30am •How a Spider Spins its Web 1pm</p>
<p>13</p>	<p>14</p> <p>Handy Crafters Meeting 1:30pm</p> <p><i>Columbus Day</i></p>	<p>15</p> <p>•Intro to Yoga at Cabin 7:30pm</p>	<p>16</p> <p>•Intro to Yoga at the Cabin 6pm •Intro to Yoga at Cabin 7:30pm</p>	<p>17</p> <p>•Nature Play Date 11:45am</p>  <p>•Weekly Yoga at the Cabin 6pm •Weekly Yoga at Cabin 7:30pm</p>	<p>18</p>	<p>19</p> <p>•Reducing Our Carbon Footprint 10 am •Spooky Campfire Cooking 10:30am</p> <p>•Jammin' Round the Campfire 6pm</p>
<p>20</p>	<p>21</p>	<p>22</p>  <p>•Intro to Yoga at Cabin 7:30pm</p>	<p>23</p> <p>•Intro to Yoga at the Cabin 6pm •Intro to Yoga at Cabin 7:30pm</p>	<p>24</p> <p>•Nature Play Date 11:45am</p> <p>•Weekly Yoga at the Cabin 6pm •Weekly Yoga at Cabin 7:30pm</p>	<p>25</p>  <p>A Haunting in the Valley 6:15pm</p>	<p>26</p>  <p>A Haunting in the Valley 6:15pm</p>
<p>27</p> 	<p>28</p>	<p>29</p> <p>•Intro to Yoga at Cabin 7:30pm</p>	<p>30</p> <p>•Intro to Yoga at the Cabin 6pm •Intro to Yoga at Cabin 7:30pm</p>	<p>31</p> <p>Trick or Treating at Spring Valley 3pm</p> <p>•Weekly Yoga at the Cabin 6pm •Weekly Yoga at Cabin 7:30pm</p> <p><i>Halloween</i></p>	<p>1</p> 	<p>2</p>

SPRING VALLEY | Schaumburg Park District • 1111 East Schaumburg Road, Schaumburg, Illinois 60194

Spring Valley is a refuge of 135 acres of fields, forests, marshes and streams with over three miles of handicapped-accessible trails, a museum featuring natural history displays and information, a new nature playground and an 1880s living-history farm. Spring Valley is open to the general public. Admission is free.



Hours:

Grounds and Trails

April 1 - Oct. 31.....	Daily	8 a.m.-8 p.m.
Nov. 1 - March 31	Daily	8 a.m.-5 p.m.

Nature Center/Museum Hours

Year-round	Daily	9 a.m.-5 p.m.
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Bison's Bluff Nature Playground

April 1 - Oct. 31.....	Tue-Sun	9 a.m.-8 p.m.
	Mon	Noon-8 p.m.
Nov. 1 - March 31	Daily	9 a.m.-4 p.m. (weather permitting)

Volkening Heritage Farm

April 3 - Nov. 18.....	Daily	10 a.m.-4 p.m.
	Mon	Museum buildings CLOSED
Dec. 1 - March 31	Open for Special Events & programs only	

Unless otherwise noted, all programs are held rain or shine. Participants should dress appropriately for weather conditions.

Vera Meineke Nature Center

847-985-2100

The earth-sheltered visitor center provides an introduction to Spring Valley's 135 acres of restored prairies, woodlands and wetlands and three miles of trails. The center contains natural history exhibits that change seasonally, a demonstration Backyard for Wildlife, an observation tower, classrooms, an extensive library, gift sales area and restrooms.



spring valley

Volkening Heritage Farm

847-985-2102

Step back into the past for a look at Schaumburg as it was in the 1880s – a rural German farm community. Help with seasonal farm chores, participate in family activities and games of the 1880s, or simply visit the livestock and soak in the quiet. Authentically dressed interpreters will welcome and share activities with visitors throughout the site.

Environmental Outreach Program

We'll bring our outreach program to your site. Topics include forests, worms, spiders, mammals, owls, food chains, food webs, wetlands, and the water cycle. Students will participate in hands-on activities, songs, and games. **Topics may be adapted to students in grades one through six, and are aligned with Illinois State Standards and NGSS.**

Programs at Spring Valley

School, Scout and adult groups are encouraged to take advantage of Spring Valley's Environmental Education Program. Programs change seasonally and are geared for specific age groups. Correlations to the state standards, connections with NGSS, and activity sheets are available on the SPD website, www.parkfun.com.

Learn local history with a visit to the Heritage Farm. Elementary and high school students recreate farm life in the 1880s with *Hands on History*; second graders experience it through *Heritage Quest*. Children from the age of four through second grade will learn about food, farmers, and farm animals in *Farms and Foods*.

Scout Badges

We offer many opportunities for scouts. Our programs will help with your badge, pin or patch requirements. Call for more information or stop in for a brochure.

Spring Valley Firepit and Shelter Rentals

Make your next scout group, business or family gathering something special! Spring Valley offers the use of a picnic shelter and fire pit in a wooded setting near the Merkle Log Cabin. Use of the site includes firewood, trash/recycling receptacles and benches, as well as picnic tables. No alcohol or amplified music permitted. Restrooms are available at the Heritage Farm or Nature Center, a 5–10 minute walk. The adjacent Merkle Log Cabin contains a restroom and may be rented for additional fees.

Hourly use fees:			
Residents:.....	\$25	Civic groups:.....	\$25
Non-residents:	\$40	Corporate/business groups:	\$55

SPRING VALLEY MISSION STATEMENT:

Spring Valley's mission is to educate area residents regarding the natural and cultural history of the Schaumburg area and how people have and continue to interact with and upon the landscape.

SCHAUMBURG PARK DISTRICT BOARD OF COMMISSIONERS:

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- David Johnson
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- Judy Vito..... *Volunteer Coordinator*
- Dave Brooks..... *"In this Issue..."*
- Scott Stompor... *Graphic Artist*



SCHAUMBURG PARK DISTRICT WEBSITE:

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