



SPRING 2017  
Volume XXVIII  
Issue 1

# FIELD NOTES

From the Friends of Quarry Hill Nature Center

## WE ARE ALL A BUZZ AT THE NATURE CENTER!

*From the Director, Pamela Meyer*

This spring we are excited to unveil a new observational honeybee hive at the Nature Center! Reinvented to be better designed for the health and complexities of keeping an indoor hive, this new exhibit will continue to provide visitors a fascinating window into the inner workings of the Nature Center's resident colony of honeybees.

Bees are keystone pollinators in our world and this hive showcases not only their daily comings and goings, but also provides an up-close opportunity to interact with the bees and learn more about the democracy of a honeybee colony. The new hive is situated inside the hollow of a replicated dead cottonwood tree--the tree itself is covered with interpretive clues, and nooks and crannies hiding honey bees and honeycombs. Nestled inside the tree trunk is a roll-out beekeepers box which can be taken apart and explored frame by frame to offer visitors an idea of what it's like to be a beekeeper and look inside a traditional beekeepers box. The exhibit also offers beekeeping tools, so you can even try out the tools of the trade!

We are excited to bring one of our most popular exhibits to a new level and to continue to offer engaging exhibits that embody our mission of "opening eyes and minds through natural science discovery."

Currently Andrew Pruett, our volunteer observational hive beekeeper, is overwintering a colony of bees that we look forward to introducing to the hive this spring. We hope you will join us for the unveiling and our own pollinator party! All the details are on page 4.



Above left: Concept design for the hive.

Below left: Hive construction in process—the initial form is sculpted in foam to get all the details just right before epoxy, texture and paint are applied to the tree trunk.

Above right: The hive closer to completion and awaiting interpretive details.

### MORE BUZZ...

This summer bees are slated to return to the park. Quarry Hill will be partnering with the Bee Shed to bring honeybee boxes to the park as well as to look at ways we can work together to educate and inspire the next generation of bee keepers.

THE BEE  
SHED

# VOLUNTEER SPOTLIGHT

From Jill Danielsen, Volunteer Coordinator

## Quarry Hill Volunteers Continue to Shine!

The cold and snow has not slowed down our dedicated Quarry Hill Volunteers. Clifford Hansen in particular, has continued the oak savanna restoration work that was begun this past summer and fall. Invasive buckthorn that was cut and piled has been drying for the last year - just waiting for Clifford. Along, with a couple of other volunteers, Clifford has channeled his inner 'pyro' and been burning these piles—more than 37 of them. Burning eliminates the accumulating brush not natural to a savanna and prevents any unwanted seeds from spreading further. And who doesn't love the glow of a hot fire in the winter? Thanks, Clifford.

Quarry Hill is also excited to celebrate with Terri Dugan who has been awarded an Environmental Achievement Award by the Olmsted County Environmental Commission and Rochester Public Utilities. The award recognizes Terri's significant accomplishments in the realm of environmental conservation. Terri has been instrumental in developing and maintaining the newest trail on the West side of Quarry Hill Park, creating and sustaining the Weed Warrior Program, and continuing to be involved with leading large volunteer group efforts in the battle against invasive plant species in the park. Join us in congratulating Terri!



Above: Terri Dugan, Environmental Achievement Award recipient.

# NATURE TIP

## Feed the birds with native plants.

In our last issue of Field Notes, we shared tips on the basics of providing the right type of seed for your feeder to attract song birds in the winter, making life just a bit easier for our flighted friends during the challenging winter months. Did you know, though, that native plants can be better than even the best bird feeder in providing year round sustenance for song birds? The National Audubon Society has an extensive and user friendly resource to help anyone with a bit of backyard space grow the right plants for our avian neighbors. Native plants provide birds with year round food sources, but also nesting material, protection from the elements and predators. Here are a few common backyard birds and the native plants you can grow to support them:

- Sparrows: blackberries and wild grasses
- Cardinals and grosbeaks: sunflowers, elderberries, and serviceberries
- Chickadees: birch and sumac
- Finches: sunflowers, asters, spruces and pines
- Woodpeckers: pines, oaks and cherries

For more details, visit the National Audubon Society website and search 'Grow these native plants so your backyard birds can feast'.

# BE A PART OF TEAM NATURE!

Volunteers are central to the success of Quarry Hill Nature Center. We value the expertise and time our volunteers provide each day to help accomplish our mission to **"opening eyes and minds to natural science discovery."**

Current opportunities include:

## VOLUNTEER SATURDAY

4th Saturday of every month  
1:30—3:30 pm

Indoor and outdoor projects, gardening, button making and more: this opportunity is open year-round to families, groups or individuals (children under 13 must be accompanied by an adult). Volunteer one time or monthly. Sign up at [uwolmsted.org](http://uwolmsted.org) or by calling the nature center at 507-328-3950.

## WEED WARRIORS—DETAILS ON PAGE 6

If you are interested in volunteering, contact our Volunteer Coordinator, Jill Danielsen at [jdanielsen@qhnc.org](mailto:jdanielsen@qhnc.org).

## NATIVE PLANT SALE

Saturday, April 22 from 8:00-10:30 a.m.

A great way to bring a natural touch into your backyard! Native plants are best adapted to the local climate and once established; seldom need watering, mulching, or protection from frost or continuous mowing. Native plants attract beautiful butterflies, beneficial insects & birds.

Starter plants in 2" x 2" pots are \$4.00 each.

Plant varieties will be dependent on growers availability, but may include:

- Common Milkweed
- Butterfly Weed
- Meadow Blazing Star
- Cardinal Flower
- New England Aster
- Little Bluestem Grass
- Wild Ginger
- Lady Fern



Quarry Hill members may use the insert in this issue to place plant pre-orders.

# UPCOMING PROGRAMS & EVENTS

## PRESCHOOL: PARENT & CHILD CLASSES

### Nature Toddlers

Observe, listen, and feel ... toddlers are natural explorers. Join us monthly for a nature-themed class and some special one on one time with your 2-3 year old. Story, art and outdoor adventures are part of the fun! Sign up for one session or all sessions, choose Wednesdays or Saturdays.

Mar 4 or 8 Fishy Fish

April 1 or 5 Wonderful Worms

May 6 or 10 Animal Babies

\$8 per pair, \$6.50 per pair/members  
Class time is 10—11 am

### Nature Nuts

Children are born naturalists, always exploring the environment around them with all their senses. Join us monthly for an adventure that nurtures that natural curiosity. Each month we explore a new nature-theme through story, art and outdoor adventure. Enjoy time with that special 2-5 year old in your life. Register for one class or the series.

March 18 How Egg-citing

April 15 Searching for Colors

May 20 Grow Garden Grow

\$8 per pair, \$6.50 per pair/members  
Class time is 10-11 am

### Sticky Sweet Maple Treats

Bring your sweet tooth and discover the natural sugars of MN maple trees. Learn how maple syrup is harvested and made and then head outside to take part in the process first hand. We'll do a fun maple craft back at the nature center. And what day would be complete without sampling nature's sweet treats!

Ages 4-5 with an adult.

March 16, 3:30—5:00 pm

\$15 per pair, \$12 members



### Peeps and leaps...

#### it's time for Spring!

Frogs and toads are starting their spring songs! Come meet some of our live frogs & toads as we learn all about their spring songs and life cycle. Then we will grab binoculars and hike out by the pond in search of these peeping leapers!

May 11, 3:30—5:00 pm

\$15 per pair, \$12 members

### Pee-wee Paleontologist

Calling all junior paleontologists! Come with us as we hunt for fossils in the rock quarry. We'll learn all about what animals used to live in our ancient shallow seas. It's finders keepers on this adventure, so be ready to take home a treasure! Be ready to hike a mile on uneven terrain up to the quarry.

May 25, 3:30—5:00 pm

\$15 per pair, \$12 members

## ALL AGES

### Backyard Chicken Ranching

Keeping up to three hens as backyard pets in Rochester is legal with a permit. A few hens make quiet, inexpensive and entertaining environmental backyard pets. Come learn the basics of keeping urban chickens. Following a "how to" discussion, we will board the Quarry Hill Critter Coach for a parade of local backyard chicken homes.

Offered for youth 8 years and older with a parent or guardian

April 15

1:30—3:00 pm

\$40/pair. \$30/members

### Maple Syrup in your Own Yard

Learn how to produce your own syrup from even a single maple or box elder tree. We'll cover the basic equipment and techniques required to collect and process sap.

Participants will have a chance to practice tapping a tree and sample some finished box elder syrup.

Appropriate for adults and families with school-age children.

March 25

1:30—3:00 pm

\$5/person, \$4/members

\$20 family maximum, \$16 members

## SPRING BREAK DAYS - POLLINATION CELEBRATION

Spend your school days off celebrating nature

April 4, 5 & 6 9:00-11:30

Grades K-5

Pollinators and plants have some of the most exciting, vibrant, and important partnerships in nature. Come find out what all the buzz is about! Spend 3 action packed days at Quarry Hill to experience the wonders of pollination. Each day will involve all of your senses; you'll put your survival skills to the test to survive as a member of a honeybee colony, play games that illuminate the social structures and adaptations of bees, make creations that will benefit the pollinators in our community, and even snack on some of the tasty products that pollinators make possible.

Fee (for 3 days): \$45 Member; \$50 Non-member

Registration required. Call 507-328-3950



# UPCOMING PROGRAMS & EVENTS

## SUNDAYS AT QHNC

Public programs open to all ages are held every Sunday at 1:30 pm.  
\$2 adults, \$1 kids, free to members

### Bird Banding Program

Experience the beauty of birds up close. Learn about bird characteristics, bird adaptations and the Federal Bird Banding Program. Program is hands on and includes trapping, netting, banding and releasing birds.

March 5, April 2, May 7

### Critter Sunday

Meet our wildest staff members! The animal residents at Quarry Hill are hardworking and with the help of a naturalist love to tell their story. Critter programs focus on the eating, sleeping and survival skills of an animal (turtle, snake, stick bug) who calls Quarry Hill home. Programs often offer an opportunity to hold an animal or watch it being fed. Some programs include optional outdoor time, like a trip to the pond or butterfly garden.

March 19 Goodness Snakes  
April 16 Frog and Toad  
May 21 Animal Survival Game

### Cave Tour and Historic Hike

Quarry Hill Park was formerly the grounds of the Rochester State Hospital. Learn about the Park's historic structures on a short hike to the sandstone cave, built in 1882. Following the cave tour is an optional hike to a featured historical site.

March 12 & 26 Cave/Rock Crusher  
April 9 & 23 Cave/Mortuary Cave  
May 14 & 28 Cave/Reservoir

## EARTH DAY POLLINATION PARTY AND PARADE

April 22, 9:30-11:00

It is time to celebrate pollinators and what they do for us! Join us this Earth Day to help Quarry Hill Nature Center reveal our brand new indoor honeybee observation hive and learn all about what amazing things bees do. Do a honeybee scavenger hunt and make your own pollinator box to take home. Then enjoy a light snack fit for a pollinator as you prepare for the Pollination Parade! Quarry Hill will provide the materials for you to dress up as bees, butterflies, birds or flowers and show off your spirit for Mother's Nature's gift of pollination.

9:30—Honeybee Hive Reveal

10:30—Pollination Parade Begins

No registration required.

Don't be late – supplies are limited!

## FULL MOON FRIDAYS

Participants should expect to hike up to a mile over some uneven terrain.

Not suitable for strollers. Registration required.

Fee = \$6/person \$5/member

### Maple Syrup Moon

March 17 from 7:00- 8:30 pm

Join us for a sweet spring time tradition, making maple syrup. We'll hike by the light of the moon to Quarry Hill's sweet patch, a grove of box elder trees (a relative of the sugar maple) and search for dripping sap. Back at the Nature Center we'll see the tools of the trade and enjoy some maple syrup treats.

### In Search of Dancing Woodcocks

April 7 from 7:00- 8:30 pm

Upon its return, the male American woodcock performs his annual spring skydance. Participants will learn more about this fascinating bird's attempt to woo a mate as we hike in search of this memorable bird and his entertaining aerial performance. Our search may take us off Quarry Hill grounds to nearby parks. The hike will conclude at the nature center.

### Treasure Hunters!

Let's learn to Geo-cache!

May 12 from 7:00- 8:30 pm

Get ready for summer fun as we learn how to geo-cache! Young and old alike can enjoy this modern-day game of "hide and seek" using GPS coordinates for clues. While we're finding some of the many geo-caches hidden in the park, we'll learn how to use a handheld GPS unit. Most geo-caches are hidden off the trail, please come prepared for a little bit of "bush whacking" such as walking through tall grasses or shrubs.



## HOW TO REGISTER

Many Quarry Hill programs have a maximum number of participants. Advance registration helps us plan a great nature experience for all.

Call (507) 328-3950

Mon—Fri from 9 am—5 pm and we'll help you take care of all the details.

PAYMENT IS REQUIRED AT TIME OF REGISTRATION.

### CANCELLATION POLICIES

Quarry Hill may cancel programs due to weather conditions. Rescheduling and/or refunds will occur. If you cancel your registration more than 10 days prior to the program you'll receive a 75% refund. No refunds within 10 days of the program.



# UPCOMING PROGRAMS & EVENTS

## ADULTS

**Historical Hike of Quarry Hill Park**  
The lands of Quarry Hill Park were once part of Rochester's historic State Hospital grounds. Embark on a guided walking tour of the park to visit some of the interesting historic features that remain from a century of State Hospital use. For example did you know that there are actually two quarries in the park and that the hospital ran a soap factory that provided soap to all of Minnesota's state hospitals? From cave to cemetery – the history is rich and intriguing! We will cover about a mile and a half of up and down terrain. Wear good walking shoes!  
May 18  
6:00—7:30 pm  
\$15, \$11/members

**Spring Foraging**  
Meet at Quarry Hill for a morning of foraging fun. Learn how to confidently identify and prepare a variety of common springtime edible plants and mushrooms. The class will begin with a light breakfast featuring foraged ingredients, followed by a lecture and guided foray through the park.  
May 13  
9:00—12:30 pm  
\$20, \$15/members

**Master Naturalist Enrichment**  
This course provides enrichment for individuals who have completed the Minnesota Master Naturalist Course.

**Rock Hounding**  
May 20, 9:00-3:00  
We are going treasure hunting for rocks! Agates, crystals, fossils, and more – learn about how and where they form and then travel offsite to try your hand at rock hounding. Keep your finds as nature created OR see how they transform after being processed in a high speed polisher. Participants will need to provide their own transportation and bring a sack lunch. Class begins and ends at Quarry Hill Nature Center. Materials and equipment are provided.  
Fee \$35.00

## Spring Bock Beer Festival

a celebration of beer & the fiery science of mulled ale



**Friday, March 31**  
**7:00-9:30 p.m.**  
**at Quarry Hill Nature Center**  
**Tickets: \$20 per person**

*Advance ticket purchase required. Must be 21+  
All proceeds support Quarry Hill Nature Center.*



Purchase Your Tickets Today:  
Call Quarry Hill Nature Center at 507-328-3950

### Live Music! Jeremy Jewell

a long-time Rochester fixture in the music scene, Jeremy plays a variety of harmonica accompanied acoustic music with vocals



Plus  
snacks,  
And  
experience  
MULLED ALE  
*Poke your beer with  
a red-hot iron poker,  
causing a crystallized  
effect and enhanced flavor.*

## WEED WARRIORS-WE NEED YOU!

**Saturday, April 29**  
**9:00-12:00**

**Q: Who are we?**

**A: Volunteers - adults, families, and students - who have a passion for the environment and conservation and are willing to work towards removing invasive plants species in the park**

**Q:When do we meet?**

**A: Weed warriors meet weekly. Volunteers come to the sessions that meet their schedule. Some volunteers also enjoy going out solo and working independently as their time allow**

**Q:How can you get started?**

**A: Join us for a Weed Warrior introduction session and the fight to take back our parks and our woodlands. Invasive species like garlic mustard and buck thorn are threatening to choke out native plants and wildflowers and the animal diversity will soon follow. You can help prevent this. By joining the weed warrior program you will learn what the enemies look like and the tools used to fight them. Alongside other weed warriors you will learn how to use the tools provided, do reconnaissance work, and then begin battle. With the skills to fight invasive species mastered, you can continue the fight on your own time and when it is convenient for you. We need your help. Become a weed warrior!**

# QUARRY HILL SUMMER NATURE CAMP 2017

**PRESCHOOL**  
MUST BE 4 YRS OLD BY START OF CAMP

## Animal Discoveries

Fee \$88, \$78 members

Take a walk on the wild side this summer to discover more about the exciting world of animals at Quarry Hill. Daily puppet shows, songs, art activities, stories, and lots of time exploring the great outdoors will add up to a week of wild animal fun for 4 or 5 year olds.

Offered:	AM	PM
June 26-30	AD-5	AD-6
July 10-14	AD-7	AD-8
July 17-21	AD-9	AD-10
July 24-28	AD-11	AD-12
July 31—Aug 4	AD-13	AD-14

## ENTERING GRADES 1 & 2

### Senses and Defenses

Fee \$88, \$78 members

Could you escape a spider's web, outfox a fox, and blindly find a cricket in a dark cave? Find out as we put our senses and defenses to nature's test. This camp is sure to be a wild time as we use all our senses to explore the tricks animals use to survive in the wild. Excellent eyesight, creative camouflage, tongues that smell and stinky sprays are some of the animal adaptations we'll explore. Each day will be a new adventure filled with plenty of time outdoors exploring and playing nature games that bring the senses into sharper focus.

Offered:	AM	PM
June 12-16	SD1	SD2
June 19-23	SD3	SD4
June 26-30	SD5	SD6
July 10-14	SD7	SD8
July 17-21	SD9	SD10
July 24-28	SD11	SD12

### Eco-Hero

Fee \$88, \$78 members

Calling all Eco-Heroes! Learn to harness your super powers to make good-natured choices to protect and conserve our planet Earth. Investigate pollinators, battle alien plants, worm your way into composting, and more. Power up for plenty of time exploring nature, crafts and games fit for an Eco-Hero! Together we pledge to explore, conserve, and protect. Ready your cape and may the force of nature be with us.

Offered:	AM	PM
July 31— Aug 4	EH13	EH14
Aug 7—11	EH15	EH16
Aug 14-18	EH17	EH18

6 | Field Notes

## Camp Sessions are Monday – Friday

Morning session:  
9:00 – 11:30 a.m.

Afternoon session:  
12:30 – 3:00 p.m.

Exceptions where noted.

All campers receive a t-shirt!

A registration fee of \$2.50 per camper will be added to the total camp fee.

Member Registration opens Feb 28.

Open Registration begins March 14.

## ENTERING GRADES 3 & 4

### Catching Critters

Fee \$88, \$78 members

Dung beetles, monarchs, stink bugs, damselflies, wolf spiders—there are so many critters to catch and get to know. This week is filled with a variety of outdoor activities & hands-on discoveries in the world of creepy crawly invertebrates. Plus, campers will canoe, fish, hike and explore the cave!

Offered:	AM	PM
June 12-16	CC1	CC2
June 19-23	CC3	CC4
June 26-30	CC5	CC6
July 10-14	CC7	CC8
July 17-21	CC9	CC10
July 24-28	CC11	CC12
July 31-Aug 4	CC13	CC14
Aug 7-11	CC15	CC16
Aug 14-18	CC17	CC18

### Archaeology Adventures

Fee \$88, \$78 members

Enjoy solving mysteries? Become one of our digging detectives uncovering clues to Quarry Hill's historical past. What people once lived here...how did they use the land...and what did they leave behind? Get ready for excavations, explorations, and plenty of downright dirty fun as we examine artifacts throughout the park!

Offered:	AM	PM
June 12-16	AA1	AA2
June 19-23	AA3	AA4
Aug 7-11	AA15	AA16
Aug 14-18	AA17	AA18



## ENTERING GRADES 5 & 6

### Hangin' with the Birds

Fee \$88, \$78 members

Hang out with live birds including grosbeaks, blue jays and woodpeckers! We will study, band and then release birds that we catch using bird traps. Learn to identify local birds and then test your "bird brain" as you try to survive life as a bird during various adventurous games. Campers will also rock climb, canoe, fish, and more!

Offered:	AM	PM
June 12-16	HB1	HB2
June 19-23	HB3	HB4
June 26-30	HB5	HB6
July 10-14	HB7	HB8
July 17-21	HB9	HB10
July 24-28	HB11	HB12
July 31-Aug 4	HB13	HB14
Aug 7-11	HB15	HB16
Aug 14-18	HB17	HB18

### Nature Art

Fee \$88, \$78 members

Do you love nature and art? You will find a perfect combination of both in this class. Projects may include painting with nature objects, crafting your own unique walking stick, sand art and much more.

Offered:	AM	PM
July 17-21	NA9	Not offered

### Geology Rocks

Fee \$108, \$98 members

Trilobites, gastropods and crinoids, OH MY! Campers will learn about local geology as we travel in the Quarry Hill 'Critter Coach' to nearby fossil sites in search of ancient treasures! We'll also spend time rock climbing at Quarry Hill's natural limestone climbing wall. Be ready for a rockin' good time! Wear shoes that you can hike in.

Offered:	AM	PM
June 26-30	GR5	Not offered
July 24-28	GR11	Not offered

## ENTERING GRADES 5 & 6, CONT.

### Nature Biker

Fee \$108, \$98 members

Exercise, fresh air, adventure! Ride on city bike trails to study animals and plants as we explore local waterways and other natural areas. Campers must provide a bike, helmet, water bottle, and be able to sustain a biking speed of 1 mile in 8 minutes, with daily distances of 5-10 miles.

Offered:	AM	PM
June 19-23	NB3	NB4
July 10-14	NB7	Not offered
July 17-21	NB9	NB10
July 31-Aug 4	NB13	NB14
Aug 14-18	NB17	Not offered

### Nature Photography

Fee \$108, \$98 members

With camera in hand, explore the park with an artist's eye! Our subjects will include: snakes, turtles, butterflies and flowers. Campers will use Quarry Hill cameras and laptop computers to edit and save their photos. Campers are provided with a 4G USB flash drive to take their photos home.

Offered:	AM	PM
June 12-16	NP1	Not offered
June 19-23	NP3	Not offered
June 26-30	Not offered	NP6
July 10-14	Not offered	NP8
July 17-21	Not offered	NP10
July 24-28	Not offered	NP12
July 31- Aug 4	NP13	Not offered
Aug 7-11	NP15	Not offered
Aug 14-18	NP17	Not offered

## ENTERING GRADES 7 & ABOVE

### Amazing Race

Fee \$98, \$88 members

On your mark, get set, GO! The first four days of camp we will be learning and practicing new skills, such as navigating with a GPS, rock climbing, kayaking, fire starting and more. Then on Friday, participants will put those skills to the test as they work as a team and try to finish Quarry Hill's very own amazing race course!

Offered:	AM	PM
June 26-30	Not offered	AR6
July 10-14	Not offered	AR8
July 24-28	Not offered	AR12
July 31-Aug 4	AR13	Not offered
Aug 14-18	Not offered	AR18

**Bus Transportation** will be available for campers Kindergarten +:

From Stewartville: June 26—30 AM session

From Stewartville: August 7—11 AM session

## ENTERING GRADES 7 & ABOVE

### Adventure Biker

Fee \$168, \$158 members

Explore the "wilder" side of Rochester by bike. Water and dry land adventures include fishing, canoeing and fire starting. Bikers must provide a bike with at least 24" wheels and 3 speeds, sack lunch, water bottle, and helmet. To be up to the challenge, bikers should be able to sustain a bike speed to cover 1 mile in less than 5 minutes, with daily distances of 10+ miles.

Offered: 9:00 a.m. – 3:00 p.m.

June 12-16	AB1
June 26-30	AB5
July 10-14	AB7
July 24-28	AB11
Aug 7-11	AB15

### Falconry and Raptors

Fee \$108, \$98 members

Visit a local eagle's nest by canoe, go road trapping to try to catch and band kestrels and red-tailed hawks, learn to tie the falconer's knot, work with Quarry Hill's live raptors, and more! We'll spend the week learning about the birds of prey of our region and the basics of the ancient sport of falconry.

Offered:	AM	PM
June 12-16	Not offered	FR2
June 19-23	FR3	Not offered
Aug 7-11	FR15	Not offered

### Crazy Crayfish

Fee \$98, \$88 members

Crayfish, crayfish, and more crayfish! If you like to get wet, don't mind being pinched, and love to catch critters, this is your camp! We will be catching, learning how to handle, marking, & studying crayfish at some of the local hot spots. Campers should be prepared to walk in water, use a dip net, and handle crayfish.

Offered	AM	PM
July 17-21	Not offered	CF10
July 31-Aug 4	Not offered	CF14

### Kayak Paddle Trip

Fee \$58, \$48 members

Discover SE Minnesota's wild side from inside a kayak. Spend the day looking for bald eagles, turtles, great-blue herons and more as we paddle our kayaks down the river. Lunch (and maybe a little swimming) will be at the sand bar of our choice. Campers should bring a water bottle and lunch. In case of high water, area lakes will be explored instead.

Offered: July 6, 9:00—3:00

## ENTERING GRADES 7 & ABOVE

### Teen Nature Photography

Fee \$108, \$98 members

Learn the basics of good photography technique using Quarry Hill digital cameras. We'll hunt for special photos while hiking through the park. We'll also hope for some special wildlife views from photo blinds as well as night shots from a pair of trail cameras. Campers will edit their photos with laptop computers and software provided by Quarry Hill and receive a 4G USB flash drive for photo storage.

Offered:	AM	PM
June 19-23	Not offered	TNP4
June 26-30	TNP5	Not offered
July 17-21	TNP9	Not offered
July 24-28	TNP11	Not offered
July 31-Aug 4	Not offered	TNP14

### Woodworking for Wildlife

Fee \$118, \$108 members

Help local wildlife by building a variety of structures and feeders to take home to your backyard. Assemble pre-cut kits using hand tools. Throughout the week, we'll go in search of birds, bugs and small mammals most likely to use and benefit from your work. Projects may include: wren/chickadee and bluebird nest boxes, a bumble bee bungalow, a toad abode, mason bee apartment, and both a finch and a hanging platform birdfeeder.

Offered:	AM	PM
July 10-14	WW7	Not offered

### Wild Caving

Fee \$58, \$48 members

Are you ready to get muddy? Good! You provide a sense of adventure; we'll provide the helmet and headlamp as we head underground. Stalactites and cave bacon await us in the wild cave as we walk and even belly crawl our way through it. We will start at Quarry Hill where we will learn about caves and southeast Minnesota geology, and then we'll travel by Quarry Hill Critter coach to the wild cave. Campers will receive a packing list before the first day of class.

Offered: July 5, 9:00—1:30

**Cancellation and Session Change Policies are listed on Quarry Hill's website at [www.qhnc.org](http://www.qhnc.org).**

**SCHOLARSHIPS are available to qualified campers. Contact Quarry Hill for more information.**

CONNECT WITH US  
Phone (507) 328-3950

Fax (507) 287-1345

quarryhill@QHNC.org

www.QHNC.org

HOURS (Sept 1—May 31)  
Mon-Fri 9:00 am—5:00 pm  
Sun. Noon-5 pm

Board of Directors

Bob Cline

*President*

Barb Ames

*Treasurer*

George Penokie

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Facilities

Jenna Daire

Naturalist

Jill Danielsen

Volunteer & Program

Coordinator

Karen Finn

Office Administrator

Lori Forstie

Outreach & Public Relations

Nancy Freese

Bookkeeper

Jeremy Hale

Teacher / Naturalist

Glenna Makosky

Teacher / Naturalist

Joe Melmer

Facilities Manager

Travis Meyer

Naturalist

Carrie Nelson

Naturalist

Kirk Payne

Teacher / Naturalist

Sammie Peterson

Naturalist



Quarry Hill Nature Center  
701 Silver Creek Rd. NE  
Rochester, MN 55906

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Permit No.  
1000  
Rochester, MN

## SUMMER CAMP 2017 PREVIEW INSIDE!

### Behind the Scenes at Quarry Hill

#### Exclusive Experiences for Members Only!

Do you ever wonder what happens behind the scenes at the nature center? What do the animals eat? How do they clean that tank? Now is your chance to find out! Get a special peek at the inner workings of animal care at Quarry Hill. Once you know how 'it' is done, we'll roll up our sleeves and get to work. Experiences are a combination of demonstration and hands-on. All ages are welcome—children must be accompanied by an adult.

Please choose one date only to allow as many members as possible the opportunity to participate.



February 21, 6:00-7:00

March 21, 6:00-7:00

April 25, 6:00-7:00

Owls

Turtles

Invertebrates

Advance registration is required. Call 328-3950.