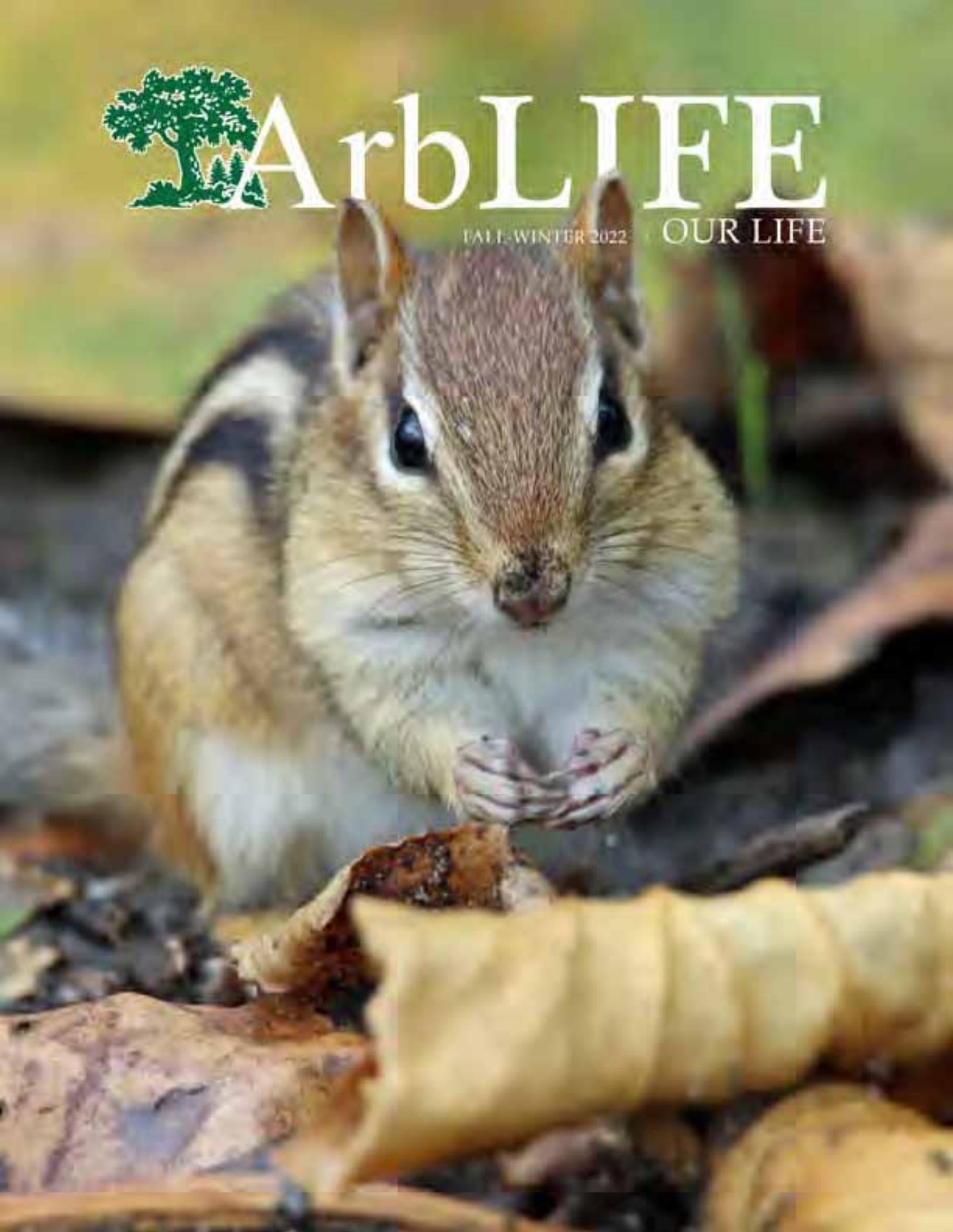




ArbLIFE

FALL-WINTER 2022

OUR LIFE



HELP! We Need Halloween people for our Haunted Trail 2022

Outdoor walking trail

Thursday, Friday & Saturday | October 20, 21 & 22

- 3 nights from 7 - 9 pm featuring three sections – low, high & insane high scare.
- Props, lights & limited costumes are available for you to use.
- Sponsor a Scare Section or be a haunted wanderer!

Other volunteers also needed

Call the Arb at 218.829.8770 to find out how you can help!



Sponsor A Monster

The Northland Arboretum's Haunted Trail brings out the ghosts and goblins. Last year over 2,200 tickets sold!

ARE YOU READY TO SCARE UP SOME BUSINESS?

Sponsor a monster and support the Arboretum's biggest fundraiser of the year. Choose your level of sponsorship and receive amazing incentives like; free VIP event tickets, media recognition, one-on-one interviews with the Northland Arboretum and more! You choose the monster or theme to fit your business and the Arboretum will take care of the rest! There are themes available for both the timid and the terrifying! Register early and get first pick of our newest and most impressive theme, "Star Wars Cantina" and "Alice in Wonderland", which will surely impress the crowd! For more information visit our event page at www.northlandarb.org.



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5\$ PER PERSON

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Northland
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What is Your Legacy?

The Northland Arboretum's Legacy is preserving this premier public environmental facility in the Brainerd Lakes Area for the promotion of education, recreation and conservation.

Ways you may wish to help the Northland Arboretum include:
Gifts of Cash, Gifts of Real Estate, Gifts of Stock, Life Time Gifts,
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Memorial envelopes can be mailed upon request. The Northland Arboretum can provide you with additional information on any gifts you may be considering.

Contact us at 218-829-8770 or at info@northlandarb.org.

Thank you for your support throughout the year.

Our Mission: The Northland Arboretum strives to be a valued community asset providing outdoor recreation and educational activities for all while protecting the natural environment.

Our Vision: The Northland Arboretum will be the premier destination in Central Minnesota connecting people to the environment for the promotion of education, recreation and conservation.



Northland Arboretum
14250 Conservation Drive
Brainerd, MN 56401

218.829.8770

www.northlandarb.org



Cover Photo: Chipmunk by Jen Quam

Board Member Highlight



Rick Meyer has been a dedicated Arb member for many years and became a Board member in 2020. He remembers meeting the Arboretum's founder Rudy Hillig in the 1970's and takes advantage of the Arboretum's grounds, trails, and classes whenever he is able. Rick has a passion for outdoor education and taught science in Two Harbors before moving into the Pine River-Backus school district and then to the University of Minnesota Extension office where he now assists Extension Educators with special projects. He is also a Master Naturalist and now teaches the Minnesota Master Naturalist course and enjoys getting other people connected with nature. As such, he serves in a great capacity on the Arboretum's Education Committee and helps load the calendar with nature-focused programming. In his free time, Rick enjoys spending time with family, gardening, growing hybrid daylilies and photography.

We appreciate all you do for the Arb!

Want to learn more about becoming a part of the Northland Arboretum Board of Directors? Contact Candice Zimmermann at arbdirector@northlandarb.org or call 218-454-8773.

The Arboretum Board of Directors are Seeking New Members

The Northland Arboretum Board of Directors are looking to fill open seats. This is a great opportunity for someone who understands the value of the Arboretum and its impact on the community. The Arboretum has been an essential part of the Brainerd Lakes Area for almost 50 years and a strong slot of Board leaders is needed to strengthen the future of the Arb. If you or someone you know is interested, please visit our website to apply or reach out to our Executive Director for an application. We look forward to continuing to serve the community by providing greenspace, nature programming, and a safe place to promote wellness for all.



Gifts galore are available at Nature's Gifts, our unique and local gift shop! It's located in our Visitor Center and is open 8 am - 4:30 pm every weekday and on weekends 8 am-4 pm. Shop for your family and friends.

Check out the new books we just got in, perfect for great Christmas gifts

Remember gift certificates make great gifts for the holidays!



Personalities of the Five Corners

By Charles Johnson

The Northland Arboretum finds me walking there quite a bit. Almost every time as I carry my camera through the Northland Arboretum, I stop at FIVE CORNERS and take the same photo, just to see the changes that happen through the seasons. As I arrive at FIVE CORNERS, whether from BIG BEN TRIAL, LITTLE BEN TRAIL, RUDY TRAIL, POTLATCH TRAIL or ORAN'S TRAIL, I stand with my left side against the map post, train my camera down LITTLE BEN, and snap away. There are always differences: time of day, weather, the state of the undergrowth. It is an adventure to see the subtle changes. I have several images from every month except January, which is limiting with the snow (even though I use snowshoes) and I also wish to respect the groomed cross country ski trails. In any case, photos from the rest of the months tell the story.

February 26 – Snow. I was careful in how I got here without messing with the ski trails. The reward is seeing the snowed-over trails that I've walked so many times. No green growth, and you can bet the weather is quite cold.

March 31 – The thaw has advanced quite a bit, but there's no growth to be seen yet.

April 21 – No snow, but no growth yet, either. If April is warm, there might be some. If the winter chill remains, there's little growth... but the promise is there.

May 10 – There's some bright green in the trees now, but

there's not much else. Birds are returning and the air is fresh, filled with spring-like energy.

June 14 – Full growth now. Yet, grasses are still immature, with tufts here and there.

July 2 – Full growth has been attained, and even though it is July, the weather is pleasurable.

August 28 – Summer is almost gone, but yet the greenery hangs on. Summer has ended, the autumn weather is in line and ready to advance.

September 23 – Fall colors are hinting at their return. On the right, red leaves shine from the background, telling us about the upcoming season.

October 30 – Leaves have lost their green, have wilted, browned, and fallen. Grasses are drying up, and the slight chill in the air, even at midday it is apparent that changes are coming.

November 10 – The first snowfall has arrived, freshening the trails and forests with the seasonal spin we call winter.

December 13 – Still too early to groom the trails, so I can get to FIVE CORNERS for a shot of this time of year. Snow will accumulate more, the deer will leave their prints along the trail, and the Northland Arboretum will naturally cycle into the next year, to enjoy the seasons all over again.

2022 Crow Wing Master Gardeners

Community Giving Projects at the Northland Arboretum



Crow Wing Master Gardeners started early in anticipation of the upgraded 2022 Community Giving Program comprised of five separate projects at the Northland Arboretum G101 Gardens.

Phase one of the program began in February when several Master Gardeners volunteered for “Seed Starting” and started 450 bedding plants. The plants were nurtured until the end of May when they were delivered to the Northland Arboretum for use in the subsequent program components: Patio Container Garden, G101 Gardening – Youth and Adult, and the Giving Garden.

In May the second phase started with the planting of 25 lettuce bowls (lettuce seeds planted in landscape fabric bowls) as part of the Patio Container Garden Project. On May 31st the team of Master Gardeners took delivery of a portion of the bedding plants from the Seed Starting team. Amid strong winds and rain tomatoes, peppers, and eggplants were transplanted into 147 container gardens by these Master Gardeners. In early June these Patio Gardens and educational materials were provided to a variety of Crow Wing County organizations for distribution to their clients. The organizations included: CWC Veteran Services; Garrison Lions Club; CRMC – Senior Living/Crosby; Sharing Bread Kitchen; Home Instead; Cuyuna Social Services; CWC WIC; CWC Social & Community Services; Pequot Lakes Food Shelf. An additional 40 bedding plants were donated to Mid

Minnesota Women’s Center and Port Home for use at their locations.

Activity continued in June with the reintroduction of Gardening 101 (G101), for both youth and adult participants. Last held in 2019 both programs were welcomed back with energetic and motivated gardeners and Master Gardener educators. Participant ages range from 8-15 in the youth program and 16-80+ for the adults. Skills range from novice to experienced, and motivation was high regardless of skill level. Nothing is more thrilling than watching a student claim their first vegetable. Of course, leaving the garden with a bag of fresh produce is always a wonderful reward.

In the same garden area, the Master Gardeners also continued the Giving Garden Project for the third season. The project was started in 2020 as a way for Master Gardeners to help Crow Wing County organizations combat food insecurity. As with the G101 programs, Seed Starting plants were planted in the gardens and supplemented with summer squash, zucchini, peas, beans, cucumbers, eggplants and more. Excitement abounds on harvest days when Master Gardeners guess the approximate weight of the harvest pick. Once weighed, the fresh produce is delivered to organizations including: Salvation Army, Sharing Bread Soup Kitchen, CWC WIC, CWC Social Services and Mid Minnesota Women’s Shelter.





Self-Guided Forest Therapy Walk

Forest Therapy is the practice of spending time outdoors in a natural area while focusing in those moments on the five senses of hearing, seeing, tasting, touching and smelling. It is a focus of breathing in and breathing out with intention, resting and being restored through connections with nature.

The term Shinrin-Yoku was first used in Japan in the 1980's when scientific research discovered that spending quiet, meditative and sensory time in a forest improved mental and physical well-being. There was concern of the ill effects of urbanization and technology, resulting in studies discovering the benefits of Shinrin-Yoku, which translates to taking in the forest atmosphere.

It was proven that absorbing energy from nature improves health and well-being. Evidence-based research documents the many benefits of Forest Therapy:

- Enhances immunity by breathing in the natural compound from trees and plants (phytoncides)
- Improves mood and sense of well-being by decreasing the stress hormone cortisol
- Reduces anxiety and depression
- Reduces blood pressure and heart rate
- Increases creative energy levels and compassion

The experience of a Self-Guided Forest Therapy Walk can be done with the guidance of a Forest Therapy Walk brochure that was developed recently by participants of the Minnesota Master Naturalist program as a capstone project. The brochure is available at no cost at the Northland Arboretum.

The brochure was developed following the principles of Dr. Qing Li, author of Forest Bathing: the Japanese Art and Science of Shinrin-Yoku. Dr. Li explains that there are many

In every walk with nature one receives far more than he seeks.

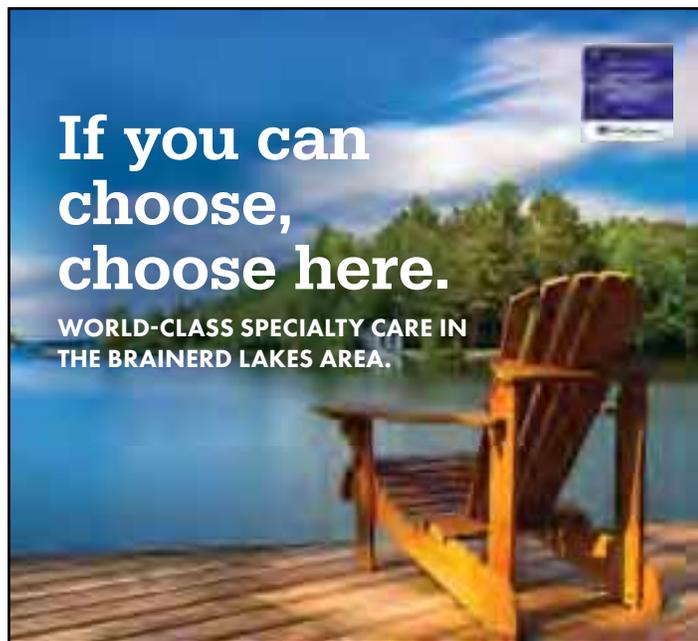
- John Muir

ways to experience the benefits; such as visiting community green spaces by ourselves, participating in private or group-guided sessions with a Certified Forest Therapy practitioner, being in your own garden, or even in the act of caring for indoor plants. Your therapy walk experience can be a gentle 15 minute stroll or a sit-and-rest destination in the forest that you enjoy for an hour.

Suggestions to maximize the benefits of your Forest Therapy experience include leaving your phone and camera behind and finding a place among the trees that you feel safe and surrounded by nature. Remember, it is not a hike!

As you spend time in nature, consciously go through a transition of tuning in to each of your specific senses. Be gently curious of your surroundings by opening each sense slowly. Listen to the sounds of birds, trees, wind and water. Taste the freshness of the air and the phytoncide fragrances as you breathe deep. Feel the breeze, the tree trunk, the texture of a pine cone. How do the sun and shade feel on your face? Smiling and deep breathing are recommended. It is also suggested that you journal or record any mental and physical changes you may experience after your walk.

When people are encouraged to visit natural areas for their health and mental well-being, they are more likely to protect and look after them. As a Minnesota Master Naturalist Volunteer, we are taught to explore the natural world, teach others about our passion, and conserve our natural resources. We hope that your experience in the forest will excite you to explore more of the natural world we are surrounded by and to gently move through it. For more information on the Minnesota Master Naturalist program, contact the University of MN Extension Office.



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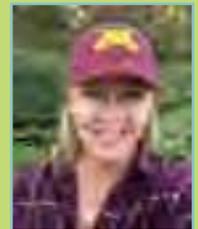
- Improve mood & memory
- Slow heartbeat
- Lower blood pressure
- Improve quality of sleep
- Boost emotional well-being
- Strengthen immunity
- Promote creativity
- Spark happiness!!!



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5% of Organized Mind proceeds go to feed hungry kids in Minnesota!

Advance registration requested - Payment due at registration time
Call the Arboretum at 218-829-8770 to sign up - Class fee is non-refundable
Instructor: Darla Swanson of Organized Mind, LLC.




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Butterflies and Winter – They do coexist

By Peg Serani, Minnesota Master Naturalist and Proud Lifetime Member of Northland Arboretum

When I think of butterflies, I think of warm summer days watching these beautiful winged creatures flittering about among my garden flowers without a care in the world. I never thought of butterflies and winter – until now!

Did you know that Minnesota is a summer home to 172 species of butterflies? Did you also know that a handful of these species can live here year round? Most of them never leave our area and migrate as the famous monarch does. They stand their ground, hot or cold – this can be their year round home.

These hardy winged beasts overwinter as eggs, caterpillars, pupa or adults. They enter hibernation that is known as “diapause” where chemicals that I like to refer to as “antifreeze” in their bodies allow them to live through our extremely cold temperatures. Information on what stage of life these butterflies and moths hibernate along with where they hibernate is broken down in three different charts I created for you.

Here is a list of these hardy little creatures and their winter slumbering beds showing their adult, caterpillar, and chrysalis or cocoon forms:

Butterflies that hibernate as caterpillars



American copper: caterpillar or chrysalis stage hibernates in leaf litter



Baltimore checkerspot: this endangered species hibernates in leaf litter by turtlehead



Eastern-tailed blue: caterpillars hibernate in the seed pods of their legumes host plant



Butterflies that hibernate as adults



Eastern comma: butterfly overwinters in tree cavities, under bark or under shingles.



Great spangled fritillary: caterpillars hibernate in the ground by dog tooth violet plants



Mourning cloak: butterfly overwinters in cracks in wood, trees and wood piles.



Pearl crescent: Caterpillars hibernate in nests on the base of their host plants





Red spotted purple: Caterpillars found in southern Minnesota and hibernates in tubes of rolled leaves and silk



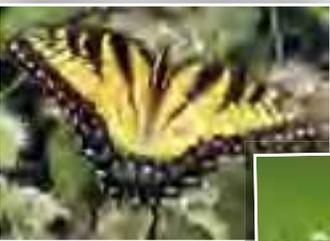
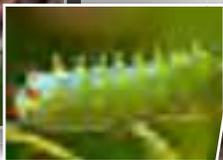
Viceroy: Caterpillars hibernate in rolled up willow or poplar leaves



Butterflies and moths that hibernate as a chrysalis or cocoon



Cecropia moth: hibernates as large brown cocoons on trees or wooden structures



Eastern tiger swallowtail: hibernates as a chrysalis inside a leaf roll



Luna moth: hibernates as a pupae wrapped in leaves in their cocoon hidden in leaf litter



Zebra swallowtail: hibernates as a chrysalis inside a leaf roll



Want to help out these first butterflies of spring? I found these wonderful tips as I was reading an older article in **Birds and Blooms on line:**

Plant More Trees. Mourning cloaks and eastern commas rarely feed on flowers, instead preferring the tree sap that starts to run in late winter. They also dine on rotting fruit windfalls from the previous fall. Sugar maples and apple trees are great choices for spring butterflies. Flowering trees like redbuds are also excellent food sources.

Don't Mow Wildflowers. The earliest native wildflowers of spring serve as nectar sources for early butterflies which include dandelions. Don't be too quick to pull or mow these flowers. If you can, add more of them to your garden by sowing them the fall before so they'll appear just in time for butterflies.

Provide Fruit and Nectar Feeders. Generally, butterflies find what they need in nature, but it's not uncommon for some butterfly species to visit hummingbird feeders when plant nectar is scarce. You can also put out fruit like oranges and bananas, which may attract migratory birds too.

Leave Leaf Litter. Gardeners are often eager to start spring cleanup, but the longer you leave leaf litter and overgrown ornamental grasses, the better. Overwintering butterflies in all forms use these as shelter and protection.

Going forward, when fall hits and you get the urge to totally clean up your yard and gardens, think twice about it. Not only do our overwintering butterflies and moths in all stages need their warm beds in order to make it through our cold winters, but this wonderful leaf litter helps replenish soil nutrients in your garden. What a win-win!

By leaving your dried flower and grass stems over the winter you are not only creating a unique and interesting landscape to gaze at but you are also leaving homes for the chrysalises from our butterflies and pupal cases from other insects too – like our native bees! If you clean up all your leaf litter, burn all that old wood lying around and cut down all your old plants, you may be destroying our next generation of butterflies and moths. Instead of burning all this old wood and brush, create a brush and wood pile for our little friends to snuggle away the winter in. Create these piles in an area where they can naturally break down and become part of the earth again.

I hope you enjoyed learning a little about some of our year-round residents as the snow flies. Take time during these cold months and start planning a bee and butterfly garden. Make sure work into your plan places to leave leaf and wood piles for pollinators to sleep in over the winter. Then start watching for these beautiful winter hardy butterflies and moths as they wake up this spring – they will be the first ones you see as the air and earth warm up in March – although I have seen them on those rare warm January and February days too!

Enjoy the outdoors!
Peg





Hawk Ridge –Duluth MN

By Judd Brink Guide/Owner MN Backyard Birds

On an October day a cool northwest wind comes off the ridge and a silhouette comes into view... a Red-tailed Hawk. Hawk Ridge Nature Preserve, is located along skyline drive in Duluth with panoramic views of Lake Superior. Hawk Ridge is also an IBA (Important Bird Area) and one of the best hawk-watching sites in the country. During the early 1900's hawks were used for target practice; many were innocently killed here simply for fun. After nearly 50 years of illegal shooting that took place within the city limits of Duluth, these actions were halted in 1951 as the first hawk watch was organized. Daily counts started in 1972 with the operation of a banding station. Today the banding station now leads the nation in total number of birds captured and banded. The first naturalist program was started in 1974 following a friends group of Hawk Ridge to support its education programs and research. What attracts nearly 100,000 raptors to Duluth's Hawk Ridge each fall?

Duluth's topography is dominated by steep hills that climb up from Lake Superior with an average of over 1,000 feet of elevation. Lake Superior and the surrounding area play a major role in creating this migration corridor (Sawtooth Mountains) known as Hawk Ridge. As the migration continues south from Canada and points northward the great size of Lake Superior funnels the birds to the ridgeline in great numbers. Migrating raptors use thermals of warm air for "lift" and avoid the cold waters of the great lakes.

The North Shore geology is ancient and complex with one billion years of formations caused by fire and ice. Duluth

lies atop a mid-continent rift which erupted with molten basalt and flowed for 22 million years. This basalt flow was ten miles deep and over time sunk when cooled to form what is now the Lake Superior basin. During the last ice age a number of glaciers carved and scoured the basin creating the present day shoreline. The glacial ice then receded and melted, filling the basin and creating what we now know as Lake Superior. The lake remains one of the coldest and deepest lakes in the world!

The weather in Duluth can change very fast and without warning. The size of Lake Superior greatly influences the local weather. A good flight day is when the wind comes from the northwest providing a tailwind for the migrating birds. All other wind directions are generally poor with little or no activity. A day with a northwest wind can produce several hundred to several thousand birds in a matter of hours. The best times to view the birds are between 10:00am and 4:00pm, depending upon the weather of course.

Since 1972 Hawk Ridge has successfully captured and banded 23 species of raptors totaling 93,625 individuals. The banding station operates from mid-August through late November with an average of 3,000 raptors each fall. The banding station is staffed 24 hours a day to capture both diurnal (day) raptors such as hawks and eagles and nocturnal (night) raptors such as owls. Very little was known about owl migration until Hawk Ridge banded 1,402 Saw-whet Owls in 1995. Banding data helps us to understand population trends, migration seasons and ecology as well as providing educational resources.

Why do birds migrate? Migration is the movement to find a food source. For birds their food source could be seasonal or availability. Most of the raptors that are moving southward are long distance migrants with some spending the winter in Central and South America. With years of banding data and newer gps devices we know how far our raptors are traveling. Birds have very interesting migration patterns with some birds having reverse paths during the spring and fall. The spring migration is very scattered and extends over a longer period of time in contrast with the fall migration that is much more predictable and concentrated.

During the early morning hours the sun starts to warm the ridge and the heat rises to create thermals of warm air. The migrating raptors use these thermals and updrafts to help them glide and soar above hawk ridge. Larger birds such as eagles and vultures take full advantage using their large wings to “ride” the wind effortlessly. The peak raptor migration starts in mid-September with Broad-winged, Sharp-shinned and Cooper Hawks. Later in the fall, October through November, the larger birds such as Eagles, Goshawks and Rough-legged Hawks can be seen. During the peak season several thousand birds can be seen in a single day with Broad-wing Hawks being the most abundant in the sky. For example, the record daily high for Broad-winged Hawk is 101, 716 on September 15, 2003. A large group of soaring raptors is known as a “kettle” and can contain hundreds to thousands of birds. Several Hawk Ridge staff (counters/banders) start their annual duties in August and finish in December. Hawk Ridge naturalists and volunteers are available daily between 9 am – 4 pm from September 1 through October 31 to help you with the identification and education of migrating birds. On your first trip take advantage of their experience and knowledge

so you can enjoy this wonderful and amazing opportunity. The volunteers also bring down newly banded birds from the banding station for their adopt-a-raptor program and for schools and the public.

Hawk Ridge is about 2.5 hour drive from the Brainerd Lakes area and is the best fall raptor watching site in Minnesota. The view of Lake Superior atop Hawk Ridge during the peak migration and fall color season is definitely worth a road trip. A few things to take with you are a good pair of binoculars, warm clothing, rain/wind gear, folding chair and food. One of the most important things to do when planning a trip is to check the weather because it is more extreme atop Hawk Ridge and northwest winds are best for viewing the birds.

Hawk Ridge hosts its annual ‘Hawk Weekend Festival’ September 22- 25 of 2022. This year’s festival includes events, programs, birding classes, banding and of course hawk watching. It is a great opportunity to learn more about migrating raptors and get tips from the experts on how to identify them in flight. For more information about Hawk Ridge visit Hawkridge.org. Happy Birding!

Judd Brink has been guiding in the Sax-Zim Bog for over 10 years. The winter season offers the best opportunities to see and photograph owls and the other rare or hard to find birds. Please contact Judd Brink about tours to the famous Sax-Zim Bog by email at info@birdminnesota.com or view my photos and bog adventures on the website birdminnesota.com. For more info on the bog please visit <https://saxzim.org/> and for lodging in the area try <http://www.alesches.com/> Happy Birding!

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Before Renovation

Memorial Garden Renovation

Activity abounds as the Memorial Garden underwent a significant renovation this summer.

Created in 2003 by the landscaping classes at Central Lakes College, the initial phase was a 90-foot, three-tiered boulder wall. Volunteers donated and planted the tiers with perennials and shrubs. In 2007 the class installed a waterfall, pond, and walkway. The paved seating area is surrounded by benches donated in memory of loved ones.

In 2019 the pond and waterfall underwent significant maintenance work. During the work additional pavers and landscaping were added to the site.

Fast forward to 2022. A small group of Crow Wing Master Gardeners led by Master Gardener Pauline Condon accepted the challenge of renovating the entire garden area. This included removal of overgrown plants, division and replanting of daylilies, removal of old landscape fabric, addition of fresh soil and mulch. In July Bryan Pike, Northland Arboretum President, and Rick Hines, Northland Arboretum Maintenance, restored the water fountain to its working capacity. New shrubs and perennials were also planted to the restored areas. By mid-August the small team had logged over 225 volunteer hours.

When walking the area, stop at the garden and savor a moment, or two, of peace and solitude.



After Renovation

Small and Mighty Team

BRAINERD NOON SERTOMA PRESENTS

WINTER WONDERLAND

AT THE NORTHLAND ARBORETUM

In 2007 The Brainerd Area Sertoma Club set out to create a Holiday Family Tradition like no other. With strong support from our community and the hard work of many volunteers, Winter Wonderland was made a reality.

Now in its 16th year, we are proud to continue to bring this wonderful event to the Brainerd Lakes Area year after year. This spectacular holiday tradition is a drive-through tour of more than 80 colorfully lighted and animated displays. The best part? With the generosity of our sponsors and the visitors that tour the lights each year, we are able to continue to give back to our local community partners & more.

We look forward to your visit and hope to bring something new and exciting each year for your enjoyment.



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Our First Annual Fire Fly Festival was a Huge Success!

It was a beautiful evening with good company, food, beverages and games!

We owe an enormous thank you to all of our sponsors! Tito's, Jim's Electric, Cuyuna Regional Medical Center (CRMC), Jack Pine Brewery, The Shante in Pillager, Mid Minnesota Federal Credit Union, CTC & Spaces. The first annual Firefly Festival would not have been nearly the success it was without you!

Thank you to our in-kind sponsors - West Shore Marketing, Minnesota Computer Systems, Inc. (MCSI), Bernick's, Deerwood Bank, Lakes Printing, Brainerd Ace Hardware, Party Time Rental, Ace Hardware, Polaris Power Systems, Papa Murphy's Pizza, SKOL Food, Canoe Paddle Kettle Corn and Bruck Archer.

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Northland Arboretum Honors Volunteers of the Month



Deb Albrecht | April 2022

I first volunteered at the Northland Arboretum in 1980 helping clear trails for the Brainerd Nordic ski club and enjoyed many years of cross-country skiing. In 1996 our son did his Eagle Scout project at the Arboretum. He recruited our family and other volunteers to help clear a hillside for an amphitheater which was used for a blues festival for two summers. Thanks to Dick Beal, director of the Arb for mentoring that project. At the Arb, my husband and I enjoy nature walks with our granddaughters. They like the fitness trail. Sometimes they have found hidden painted rock placed by other volunteers. Last year I became a University of MN Master Gardener and was able to apply some of my knowledge in a hands-on giving gardening project. I worked with amazing, experienced MN Master Gardeners cleaning beds, planting seeds, weeding, harvesting and distributing to local communities in Crow Wing County. Besides gardening as a hobby, I enjoy cooking, canning, fishing, biking, hiking, and traveling. Many hands get much work done. Thanks to all the volunteers that make the Arboretum a place for everyone to enjoy.



Rosanne Blass | May 2022

In 2018, I moved to Brainerd from Florida, trading hurricanes for winter, to be closer to family. As a Minnesota native, this is my third move back.

I started out as an elementary school teacher, became a reading clinician, and after completing my doctorate spent my career training teachers at the college/

university level. My primary focus was using children's literature in school and library programs with emphasis on developing math and science skills by integrating gardening and children's literature into the curriculum.

I remember when the Arb was a landfill. It was newly established as an Arboretum when I presented by first garden-based literacy program for the Minnesota Reading Association right here in Brainerd. In returning to Minnesota, I have come full circle by joining the Arb, the Brainerd Garden Club, and becoming a Crow Wing County Master Gardener.

Having lived and gardened in Arizona and Florida for 25 years, I now am learning to become a Northern gardener. I have participated in G101 for Youth and other activities with the MN Master Gardeners and have reorganized and now maintain the Arb Library. Recently I have begun to serve on the Arb Education Committee.

I believe that we are very fortunate to have our Northland Arboretum and I feel privileged to be a part of it.



Peggy Stebbins | June 2022

Peggy Stebbins of Deerwood has served as Director of Marketing and Public Relations at Cuyuna Regional Medical Center in Crosby since January 2014. She manages CRMC's Charitable Fund and all communications and advertising for the organization as well as publications, events, wellness, and serves as spokesperson. Peggy is a member of the Northland Arboretum Board of Directors and serves as the Events Committee Chair. Since January, she and the committee members planned the Arbor Day Celebration that was scheduled to take place in April. They were all extremely disappointed that the inclement weather canceled the event. Peggy also assists with Arb marketing and other events throughout the year. Outside of her work, Peggy enjoys hiking the Cuyuna Country State Recreation Trails, gardening on her Serpent Lake property and discovering Minnesota's state parks. Originally from St. Paul, she is a Master Naturalist and spent 35 years working in Montana. She has two grown children who reside in Bozeman.



Pauline Condon | July 2022

Pauline has been volunteering at the Arb since she and her husband moved to the area almost 8 years ago. Her love of gardening started when she grew up on the family farm in southern Minnesota. She has been a MN Master Gardener since 2007 and has worked in the Giving Gardens, helped develop the Pollinator Border outside of G101 and is currently working with a great team of volunteers on the Memorial Garden. She enjoys biking, travel, taking walks and playing with her grandchildren.



Christie Armitage | August 2022

I began volunteering in February '22 after moving to the Brainerd area last November. I wanted to get involved in the community and love the outdoors, so the Arb was a perfect match for me. I thought volunteering at the front desk would be a great way to discover what the Arb has to offer and I do learn something new every time I am there. I enjoy traveling, cooking, hiking and spending time with my family and friends.

Thank You!

**Northland Arboretum appreciates all of our donors.
We could not be here without your generous support!**

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IN-KIND DONATIONS

Vonnie Zenner – Painted rocks for Rock Scavenger Hunt
Ace Hardware – Seeds and bulbs
All Things Inspired – Fall Stained Glass Painting
Allegra Marketing-Print-Mail – Worx yard cart
Andrew Anderson – Basswood bowl
Kim Anderson – Holiday Lights
Anonymous Donor – Twenty tree water bags
Jessie Aune – Mani/Pedi Basket

Anytime Fitness – One month membership
Baxter Lions – Parking assistance
Karla Boyd – Rake, garden spade, shovel
Boysnberries Farm – Hanging Baskets and Flats
Jackie Burkey – Red Wheelbarrow
DeAnn Caddy – Plant seeds
Cash Wise – Five bottles of wine
Larry Chismar -Honey
Coco Moon – Gift Basket
Laurie Connolly – Leaf Print and Scarf
Crow Wing County Master Gardeners –
Family Gardening Tote
Crow Wing Kayaks - Kayak
CRMC - Kayak
Crosby-Ironton Courier – One Year Subscription
Mervin Eisel - Books
Fort Ripley Museum – Six Museum Passes
Coralee Fox – 4 Outdoor Speakers
Candi Fuller – Norwex Gift Box
Grand Casino Mille Lacs – Grand Play & One Night Stay
Happy Dancing Turtle – Garden Circle planting bed
Deb Hoffman – Twenty Gourds
Home Depot – Seed Donation
Hubbard Radio – 18 event tickets
Kathy's Custom Sewing – Towel, Lip Balm & Notebook
Jack Pine Brewery – Growler & Pint glasses
Judy Kociemba – Hand embroidered dish towels
Landsburg Landscape Nursery – Seed packets
Brenda Larson – Scentsy warmer & bar
LuAnn Larson – Pampered Chef cookbook & spatula
Lebanon Seaboard Corporation – Preen Weed Control
Mary Leisten – Yellow Lady Slipper seeds
Little Farm Market – Bird Feeder & seed
Stacy Littman – Flannel Shirt
Loco Express – Gift Certificate
Tammy Magilke – Gardening Basket
Meg's Cabin – Display fixtures, name plaques

Mark Mehaffery – Chuck Wagon
 Rick Meyer – Chronolog account and materials
 Marlene Mills-Carlson – Paintings
 Mount Ski Gull – Hat & Snow tubing punch card
 Northland Press – Ad Copy
 Northpoint Aviation – Half hour scenic flight
 Oars-n-Mine Docks – Electric fillet knife
 Papa Murphy's Pizza – Pizza
 Party Time Rental – Tent and canopy
 Bryan Pike – American flag
 Pink Zebra – Soy wax sprinkles
 Marlys Ray – Garden Club Herb Basket
 Rafferty's Pizza – Gift Certificate
 Christine Rasmussen – Garden gift basket, wild rice gift basket, stepping stone, Wine/cheese gift basket, Picnic gift basket
 Sage on Laurel – Gift Certificate
 Peg Serani – Owl décor & ram footstool
 Adam Stonacek – Seven wooden bird houses
 Super One Foods – Seed packs
 Target - \$50 Gift card
 Up-North Bounce House – Punch cards & admission passes
 Visit Brainerd – Hoodie & t-shirt
 Brenda Woitalla – Donation of Harley Davidson Sign, Camp Supplies
 YMCA – Six month membership

DONATIONS IN MEMORY OF

Coralee Fox in memory of Robert Kennedy
 Emma Needham and Jace Burr in memory of Steve and Linda Bobitt
 Jan Bohn in memory of Doug Bohn
 Brainerd Dispatch newsroom in memory of Isabel Richardson

VOLUNTEERS FROM APRIL- AUGUST

Volunteers donated a reported 1743 hours

Linda, Lori, Pat S, DeAnn, Alyssa, Jane M., Jane S., Marlys, Levi, Jodi, LeAnn, Ron, Christie, Judy, Jak, Logan, Their, Sharon, Arlen, Patty, Bonnie, Ellie, Ginger, Karole, Leslie, Lorraine, Lorrene, Shelly, Tarja, Jeff Laura, Rick, Dawn, Gloria, Lord of Life Church, Trinity Lutheran, Bethlehem Church, First Lutheran, Crosslake Lutheran, Tate, Kris, Ashley, Katrina, Rhonda, Breanna, Andrea, James, Kayla, Kaylyn, Mark, Anita, Pauline, Andy, Coralee, Angela, Jennifer, Dan, Mary, Diane, Susan, Brittany, Steve, Pat, Gary, Jayme, Sally, Rhonda, Judi, Meg, Bob, Jeanne, Joan, Jim, Terry, Marsha, Jackie, Angela, Port Girls Group, Port Boys Group, Jenny, Rick, Gloria, Anita, Mike, Chelsey, Gail, Paula, Angie, Daniel, Brian, Bryan, Samantha, Brandon, Bryce, Jim, Dorothy, Chris, Kaytlyn, Dave, Paula, Jane L., George, Deb, Stewart, Trista, Karen & Robert

SHOUT OUT TO OUR FIREFLY FESTIVAL VOLUNTEERS

Lori, Peggy, Jill, Pauline, Karen, Logan, Anya, Bryan, Nick, Marlys, DeAnn, Rob, Rick, Stuart, Tony, Kelly, Thomas & Wren. It was a beautiful evening and a lot of fun! We appreciate you and couldn't do it without you all!! Thank you!

We make a living by what we get. We make a life by what we give.

Winston Churchill

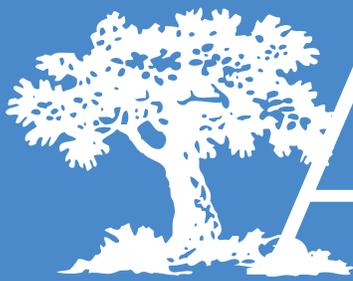
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