

# SANCTUARY

Newsletter of  
The White Memorial  
Conservation Center  
Vol. XXXX No. 1  
Winter 2022

## Museum Hours:

Tuesday - Saturday: 9:00 a.m. - 4:30 p.m.  
Sunday: 12:00 p.m. - 4:30 p.m.

## For Information

Phone: 860-567-0857  
E-Mail: [info@whitememorialcc.org](mailto:info@whitememorialcc.org)  
Website: [www.whitememorialcc.org](http://www.whitememorialcc.org)



*Sleep in Heavenly Peace ~ Photo credit: Leo Kulinski, Jr. [www.leokulinskijr.com](http://www.leokulinskijr.com)*

## The Wonderful World of Galls, Burls and Witches

*By Peter and Barbara Rzas*

While hiking in the woods and meadows, many of us have come across odd plant-like structures both on the ground and on plants and trees. They may look like small brown globes, maroon marbles or huge brooms. These unusual objects may very well be plant galls, burls or witches' brooms.

Galls might seem unsightly but they rarely harm the host plant and some of them can be very beautiful, so they're always worth a closer look. So, what is a gall? The word gall comes from the Latin "galla" – an excrescence found on plants. A gall is defined as a plant structure formed by abnormal growth within plant tissues in reaction to a parasitic attack on the plant's cells. Insects, eriophyid mites, bacteria, viruses, and fungi that attack plants and trees can produce galls.

Galls come in many shapes and sizes: smooth, fuzzy, spiny, hairy, marble-like, saucer-shaped, star-like, spindle, leaf rolls and folds, pouches, cones, little dots and blisters. They call attention to themselves by their wide range of colors from red, orange, yellow, green and brown. Galls can form on all parts of a plant: the leaves, stems, branches, flowers, fruits and roots. About 90% form on leaves. They can be found on almost all plants including grass, clover, grain, trees, algae, moss and even lichens. Over 2,000 different galls have been discovered in North America with over 800 different galls found on oak trees alone.

The growth of a gall begins when a parasite lays an egg on growing plant cells. The egg or growing larva then releases powerful growth-regulating chemicals that interact with the plant's DNA. This results in the plant cells forming an abnormal growth around the larva. The gall provides protection for the developing

parasite, serving as a nursery chamber, providing protection from predators and weather (sun, rain), providing food (starch, sugar, proteins) and moisture, and in some cases, producing tannins to ward off predators. This protection assists the growing parasite during its most vulnerable stage of life.

Do galls harm plants? For the most part, the answer is no. Most native galls are harmless to plants. Galls do require nutrients just like other plant parts and they will take away some growing energy from the host plant, but the gall makers and their hosts have evolved over thousands of years to survive without causing significant harm to each other. Some galls are unusual in form and color, and may deform or spoil the appearance of the plant causing homeowners to become concerned. Occasionally, heavy infestations may kill a tree.

Galls do the most harm to non-native plants and trees. Galls can decrease crop yields for wheat, blueberry, apple, grape and other orchard trees and plants. Also, galls produced by non-native or invasive insects can cause great damage to native plants and trees.

Humans have used galls for wool dyes, medical purposes, tanning agents, and inks for legal documents. The Aleppo gall from Eastern Europe and Western Asia provided ink for Leonardo da Vinci's drawings, the Dead Sea Scrolls, the Book of Kells and the U.S. Constitution.

Good places to find galls are on our native goldenrods growing in our fields and meadows. It is estimated that more than 50 species of gall-formers attack goldenrods, creating rosette, elliptical and ball-like structures.

The goldenrod ball gall, caused by the fruit fly (*Eurosta solidagini*), is one of our most commonly found galls. This insect lays its eggs on the goldenrod stem in the late spring. Soon after, the developing larva burrows into the stem. The plant slowly forms a ball around the larva protecting it through the winter season before it hatches out the next spring. The location of the gall on the plant's stem indicates where the egg was placed. Woodpeckers eat the overwintering larva and ice fishermen cut out the grub to use for bait. (Figure 1: Goldenrod Ball Gall)

The rosette-gall midge (*Rhopalomyia solidaginis*) forms the goldenrod bunch gall. This midge deposits eggs at the tip of the growing plant. The larva secretes chemicals that prevent the stem from growing any further. The leaves, however, keep growing and bunch up at the plants tip. (Figure 2: Goldenrod Bunch Gall)

Oak trees host the most and prettiest of all galls, with tiny Cynipid wasps (Gall flies, gall wasps) being the major oak gall makers. The common oak apple gall wasp (*Amphibolips quercusinanis*) creates a green apple-like gall on the leaves of red and black oak in the spring. Once the adult wasp exits in late summer, the gall turns brown, dries out and falls to the forest floor only to be discovered by curious hikers. The oak apple gall can be home to 75 different species of insects that take advantage of its protection. Other oak galls include the wool sowers gall, horned oak gall, gouty gall, oak bullet gall, and the oak acorn plum gall that forms on black oak acorn caps. (Figure 3: Oak Apple Gall; Figure 4: Oak Sowers Gall; Figure 5: Oak Acorn Plum Gall)

*Continued on page 2*

*Continued from page 1*

Witch hazel is host to the witch hazel leaf gall created by the witch hazel cone gall aphid (*Hormaphis hamamelidis*). The gall resembles a small witch's cap and is used to identify the witch hazel shrub. (Figure 6: Witch Hazel Cone Gall)

Many people point out large abnormal growths on trees thinking they may be galls, but are in effect tree burls or witches' brooms. Burls are covered with bark and are found on the trunk, branches and roots of trees. Injury, virus, fungus, insect or genetic predisposition causes them to form. Burls may be the result of runaway

plant hormone production, unlike galls. A burl's impact on a tree's growth is minimal, but its timber value is decreased. Burls have deformed, but interesting grain patterns and are sought by woodcarvers. Many burls have been illegally cut from trees on private lands for this purpose. (Figure 7: Burl on Red Maple)

Witches' brooms are abnormal growths found on the crowns and limbs of both hardwood and softwood trees. They are composed of a dense mass of shoots resembling a broom or giant bird's nest and can be caused by phytoplasmas, fungi,

mites, dwarf mistletoe or genetic mutation. These all produce hormones that interfere with bud growth thus causing the deformed growth. Witches' brooms last as long as the host plant. Insects, flying squirrels and small animals can inhabit them. (Figure 8: Witches' Broom on Siberian Larch).

Late fall through early spring are good times to find plant galls. So, keep your eyes open and enjoy their beauty and uniqueness.

*Continued on page 4*



Figure 1:  
Goldenrod Ball Gall



Figure 2: Goldenrod Bunch Gall



Figure 3: Oak Apple Gall



Pete and Barb Rzasa give a ZOOM & Facebook Live talk on Saturday, February 26 at 2:00 p.m.!

## WHITE MEMORIAL CONSERVATION CENTER ANNOUNCES ANNUAL YEAR-END APPEAL BY GERRI GRISWOLD

2021...We cautiously donned our masks, squirted our hand sanitizers, received our vaccinations, stayed socially distanced, and emerged from the fog of 2020 full of hope and great expectations. Your support and loyalty to White Memorial exceeded those expectations.

In March, the Conservation Center offered an online auction. You responded by enthusiastically pumping over \$10,000 into our coffers. You flooded my Inbox with breathtaking photos of our Sanctuary in our "Photo Challenge." In April, your donations to the Connecticut Community Foundation / Give Local campaign earned us another \$7000. The Nature Museum opened its doors to you in late June. Your children were more than eager to return in person to our summer nature camps. We cannot thank you enough!

The Conservation Center also offered a hybrid of in-person / virtual program-

ming for adults and children. There were hikes, star parties, an evening of jazz, and virtual trips to exotic places where we searched for carnivorous plants.



Photo credit: Leo Kulinski, Jr.

We weathered hurricanes and met an albino porcupine. When the 39<sup>th</sup> Annual Family Nature Day returned on September 25<sup>th</sup>, you did as well, in full force! Watching your children being carefree at that event was something to behold!

Your tax-deductible donation, no mat-

ter how small, to our Annual Year End Appeal supports our devotion to continue serving your interests. You can donate securely online by stopping by our Facebook and Instagram pages, or by visiting our website: <https://whitememorialcc.org/product/donation/>. Be sure to indicate that your donation is for the Annual Appeal.

Carrie, Jamie, Lois, Lori, and I are immensely grateful. You have inspired us, loved us, and supported us through a most challenging time. We braved Covid-19 together. Like snakes shedding their skins or Monarchs emerging from their cocoons, we begin anew.

"We changed again, and yet again, and it was now too late and too far to go back, and I went on. And the mists had all solemnly risen now, and the world lay spread before me."

~ Charles Dickens, *Great Expectations*



## Back in Business! The 39th Annual Family Nature Day!

Days of torrential rain preceding our festival yielded to a spectacular early autumn day. On September 25, 2021, White Memorial was THE place to be as our 39th Annual Family Nature Day was back in action! No pandemic, mask mandate, soggy Activity Field, or flooded Interpretive Trail could curtail over 1000 guests from enjoying a day jam-packed with live animals, horse-drawn wagon rides, delicious food, information booths, children's nature crafts, and vendors offering the most beautiful array of hand-crafted items from pottery to soap to birdhouses.

Our Ceder Room Lawn was buzzing with the popular craft tent where children could mine for gemstones, make candles, leap like a frog, write a thank you letter to Alain and May White at the Gratitude Table, create a nature poster, and so much more.

A most popular craft involved the Litchfield Garden Club and their newly planted pollinator garden next to Ongley Pond. Children could make a pollinator on a stick and

then walk to the garden to install (briefly) their treasure.



*Ian Campbell from Northfield reacts to the announcement that he has won a trip for two to Iceland in our raffle!*  
Photo credit: John McKenna, Litchfield.BZ

Our sister organizations were on hand to teach families about birds, bees, wood carving, astronomy, literacy, Native American studies,

primitive skills, geology, and wolves, among others.

This year the silent auction was online. Our "Upscale Tag Sale" raised over \$7000 while our annual raffle sold out all 1,000 tickets and sent a very flabbergasted Ian Campbell of Northfield to Iceland as our first prize winner.

Family Nature Day would not be possible without the army of volunteers and our Education and Activities Committee that have breathed life into this event for the last 39 years.

White Memorial is also deeply grateful to the sponsors who donated to the day: Krummi Travel, LLC, The Connecticut Community Foundation / Give Local, Rae Lynn Giannaccio in memory of her parents Ray and Jean Packard, Dean Millar Forstmann honoring Carol M. Forstmann, Stop & Shop Community Bag Program, Gerri's Birthday Facebook Fundraiser, and a Kind Anonymous Donor.

## MAKE A DIFFERENCE

IN HER CONTINUING SERIES, ZOË GREENWOOD HELPS YOU FIND SMALL WAYS TO HELP THE ENVIRONMENT

Imagine going into the grocery store and discovering that there are empty shelves where once there was great abundance. Oh, wait, you've already experienced that. We all have. I thought it was over. Nope!

I went into the store the other day and discovered aisle after aisle of empty or nearly empty shelves. You can blame Covid-19 or the trucking shortage or the worker shortage or the producer shortage or anything you want, but the fact remains that there are holes where once there was abundance. Then, I got to thinking about the last article I wrote for *Make a Difference* which was, as you know, about making your own cleaning products. And I figured I would stay on that same trajectory and come up with some ideas about other things that can be made at home. There are countless recipes on the web.

Maybe being part of the latest Pandemic Pantry studio audience made me wonder about other stuff to make, too. I spoke to Gerri, the Queen of the Pandemic Pantry and all things edible, and she told me about and later gifted to me a book called Better than Store-Bought by Helen Witty and Elizabeth Schneider Colchie. Very cool book! Lots of really interesting things to try from bread to sausage to cottage cheese and yogurt and crackers and, and, and...

So, here are a few of my favorites from the book and from my own recipe collection for you to try. None of them are difficult, nor do they require lots of "strange" ingredients.

**Iced Tea:** My Gramma used Red Rose tea bags. I do, too. I loved my Gramma. Start with one quart of hot water, six tea bag, 1/2 cup of sugar and 1/3 cup lemon juice. Pour the hot water over the tea bags. Let sit one hour. Remove the bags, add the sugar and lemon juice and refrigerate. If you don't like sweetened tea, just leave out the sugar. You can use sugar and lemon to taste.



**Biscuits:** My cousin-in-law, Steve, likes Bisquick. His wife, my cousin Lori, does not because the commercial product has too much salt. So: 4 1/2 cups of all-purpose flour; 5 teaspoons baking powder; 1 tsp kosher salt; 5 tablespoons solid vegetable shortening, 3 tablespoons unsalted butter, cut into tiny pieces. Wisk together dry ingredients. Blend butter and shortening until fat particles are no longer visible. Store in airtight container and refrigerator for up to a month. To make biscuits:

2 cups of mix, 2/3 c milk. Blend. Turn out onto floured surface, pat to 1/2 inch thick, cut with cookie cutter, place on ungreased cookie sheet and bake at 425 degrees for 12 to 15 minutes. Just like with the commercial product, you can make all kinds of things with this. Have fun experimenting.

**Chocolate Sauce:** Check out Ina Garten's recipe on the web. Yummy!

**Butterscotch Sauce:** 1 1/4 c packed light brown sugar; 3/4 c light corn syrup; 3 tbsp unsalted butter; 1/4 tsp salt; 2 tbsp water; 1 tsp vanilla extract; 1/2 c heavy cream. In a heavy saucepan, bring everything except the vanilla and cream together to boil, stirring. Boil the mixture without stirring until a candy thermometer reads 235 degrees. Should take about 5 minutes. Remove from heat, stir in vanilla. Let cool to warm, stirring occasionally. Add the cream a bit at a time, stirring to create a smooth, shiny sauce. Sauce will keep, covered and refrigerated, for a month.

And, oh, the things you can make with cheap vodka besides cleaning products!

**Vanilla:** add several vanilla beans to a quart of vodka. Let sit for a month or more. Store in a dark place. Use wherever recipe calls for vanilla. When you use it up, DON'T THROW AWAY BEANS, just add more beans and vodka and keep on keeping on.



(continued on page 5)



## THE WONDERFUL WORLD OF GALLS

CONTINUED FROM PAGE 2



Fig 4: Oak Sowers Gall



Fig 5: Oak Acorn Plum Gall



Fig 7: Burl on Red Maple



Fig 6: Witch Hazel Cone Gall



Fig 8: Witches Broom on Siberian Larch



To appreciate the beauty of a Snowflake, it is necessary to stand out in the cold.

~ Aristotle



## UPCOMING PROGRAMS FOR CHILDREN



### Nature's Nursery Series

First Thursday of Every Month

Ages 3–6 years

4–5pm

Members: \$9/child per session

or \$30 for the whole series

Non-members: \$13/child per session

or \$50 for the whole series

Every session includes a story, a live animal, and an activity or craft. *Parents, we ask that you stay for the duration of the program. Meet in the Ceder Room.*

*Masks are required for unvaccinated individuals.*



### After-School Adventures

Grades 1-3: Tuesdays in March (except the 29th)

Grades 4-6: Wednesdays in March (except the 30th)

3:45–5pm

Members: \$10/child per session

or \$35 for the whole series

Non-members: \$15/child per session

or \$55 for the whole series

Go on a new adventure! Learn about local wildlife and have fun at the same time! *Parents are welcome to stay, but it is not necessary. Meet in the Ceder Room. Masks are required for unvaccinated individuals.*

### “Sense-sational” Spring Break Camp

Tuesday, April 19–Friday, April 22

Grades 1-3: 9:30am-12:30pm

Grades 4-6: 1:30pm-4:30pm

Members \$25/session or \$90/week

Non-Members \$40/session or \$150/week

Compare your senses to wild animals while playing games, making crafts, meeting live animals, and exploring WM. *Parents welcome to stay, but not necessary. Meet in the Ceder Room. Masks are required for unvaccinated individuals.*

### 30th Annual Museum Sleep-In

Friday, April 29, 5:00pm

to Saturday, April 30, 12:00 Noon

For Kids in Grades 4-6

Members \$65/child

Non-Members \$130/child

Take part in a real-life “Night at the Museum!” Go on a night hike, sit by a campfire, meet live animals, and sleep by your favorite exhibit. *No parents allowed! Meet in the Ceder Room. Masks are required for unvaccinated individuals.*

Advanced registration is required for all programs. Please call 860-567-0857 or visit [www.whitememorialcc.org](http://www.whitememorialcc.org).



**SUSAN FISCHER SPENCER**  
1941–2021



**BELOVED FRIEND, MEMBER,  
ARTIST, AND TRUSTEE,  
YOU WILL BE MISSED.**

**MAKE A DIFFERENCE**  
*CONTINUED FROM PAGE 3*

**Lemon Vodka:** small lemon outer peel, avoiding white pith. Drop into quart of vodka. Let stand 1 week. Remove peel. Use. Experiment with other flavors.

**Hot Cocoa Mix:** 4 c dry milk; 1 c cocoa; 1 ½ c sugar, pinch of salt. Stir until well mixed. Store in an air-tight container. To use: Put ¼ c into cup. Add hot water. Stir. Can be made with carob powder.

**Chocolate Pudding:** 5 tbsp cornstarch; 1/3 c sugar; ¼ tsp salt; 3 c milk; ½ tsp vanilla. Make paste of 2 tbsp cocoa and 2 tbsp sugar. Mix dry ingredients with ½ c milk. Scald rest of milk. Add chocolate paste to scalded milk and cook slowly until thick. Add vanilla and let cool. Chill. Can be made with carob.

**Granola:** Preheat oven to 250 degrees. 3 c rolled oats; 1 c nuts; ¼ c dark brown sugar; ¼ c maple syrup, *about* ¼ cup each of bran, ground flax, sesame seeds, sunflower seeds, wheat germ, any or all of 1 c raisins, dried cranberries, dried blueberries, generous sprinkle of cinnamon. Mix together. Pour into deep sheet pan (may need more than one, depending on what you've added). Bake 1 hour 15 minutes, stirring every 15 minutes. Cool. Store.

So, there you have it. Lots of things to get you started on making your own at home. Just another way to.....  
*make a difference.*

**WITH GRATITUDE**  
**A FOND FAREWELL TO SOME WHITE MEMORIAL VIPS**

The White Memorial Foundation and Conservation Center announces the departure of three of its trustees and one staff member. We are so very grateful to Sue, Mary, Lois, and Jerry for their decades of devotion. Best wishes for great adventures!

**Lois Melaragno:** "I fell in love with White Memorial when I was about 6 year old.

Our Sunday outings were mostly driving around old dirt roads and stopping for a picnic. I remember Chickadee Bridge from earliest childhood.

Senior year at Wamogo I'd cut the last few study halls and come hike here.

As my children grew, an outing at White Memorial was a frequent activity.

I started volunteering in 1989 and became a full time employee in 1995. I cried when I got the job!

For 26 years it has been my great pleasure to work here. The staff is phenomenal and the patrons are great people."

**Sue Hamilton:** Center Board member since May 2004, Sue and her husband Mark were volunteer fixtures at Family Nature Day and frequently presented programs about their passion, the Arctic, often with their sled dogs.

**Mary Skilton:** Served for over 27 years on the Center Board beginning in May 1993. Mary volunteered as a member of our Education and Activities Committee and was a regular fixture manning the book sale and silent auction tables at Family Nature Day.

**Jerry Gault:** Joined the Conservation Center Board in 2005 and became a Foundation Trustee in 2019.



*Gift Shop Manager Lois Melaragno leaves her post on March 31, 2022, after 26 years of service.*

The pain of parting  
is nothing  
to the joy of meeting again.  
~ Charles Dickens



**GETTING TO KNOW WHITE MEMORIAL FOUNDATION  
EXECUTIVE DIRECTOR, LUKAS HYDER**

White Memorial Executive Director, Lukas Hyder, arrived in the USA from Switzerland when he was just a year old. His family settled near Worcester, Massachusetts. It was clear to Lukas at a young age that outdoor pursuits were a top priority. He has fond memories of being a Boy Scout, hiking, and camping. His college career began in northern Vermont at Sterling College, "It was very hands-on and fit my personality." He was exposed to forestry as well as draft horses, gardening, and winter camping. After a year, he transferred to the University of Massachusetts at Amherst where he earned a Bachelors of Science degree in Forestry.

After college Hyder landed a seasonal position as a forester at Great Mountain Forest in Norfolk, CT. That quickly turned into a full time position. Lukas worked at GMF for 8 years when the forester position at WMF wooed him away.

As for his new role, Lukas says, "White Memorial is so unusual and diverse. You go to meetings with other foresters, then you manage properties, trails, and administration. As a forester you never see things short term. You have a vision of 25 or 50 years down the road. This carries over to other things as well."

In his spare time Hyder enjoys cycling, wood-working, and gardening.



*White Memorial Foundation  
Executive Director, Lukas Hyder*

# Winter Calendar of Events

For more information on any of our live or virtual programs, please call us at 860-567-0857 or register online: [www.whitememorialcc.org](http://www.whitememorialcc.org).

## JANUARY

1 **HAPPY NEW YEAR!**  
Museum Closed

2022!

January 5, 12, 19, 26  
**Virtual Dark of Winter Yoga with  
Judith Ehrman-Shapiro**  
4:30 – 5:30 p.m., \$10.00  
A portion of the proceeds is donated to WMCC.  
Call Judith: 860-309-9488  
For more information:  
[www.whitememorialcc.org](http://www.whitememorialcc.org)

6 **Nature's Nursery Series**  
See page 4 for details.



8 **Lost Worlds:  
The Tabletop Mountains  
of Venezuela**  
with Stewart McPherson  
See page 7 for details.



12 - 18 **Museum Children Free Week**  
Free admission to children ages 12 and under  
when accompanied by an adult.

15 **Butternut Brook Hike with Gerri**  
10:00 a.m., Meet at the A. B. Cedar Room  
Dress for the weather!

15 **Winter Whites Floral Design  
Workshop with Susan Spanger**  
See page 7 for details



17 **Reverend Martin Luther King, Jr. Day**  
Office Closed

22 **Musk Ox, Mammoths, and  
Ground Sloths...OH MY!**  
**Arctic Ice Age Animals with Moki Kokoris**  
See page 7 for details.



29 **DEEP CARE FAMILY  
ICE FISHING WORKSHOP**

Families and individuals ages 9 and up are  
welcome to attend this unique event now in  
its 7th year! Taught by certified volunteer  
instructors. All fishing tackle and course  
materials are provided.  
ABSOLUTELY FREE. BRING LUNCH.  
10:00 a.m. - 12:00 p.m., A. B. Cedar Room.  
Ice fishing to follow weather permitting.  
LIMITED TO 30 MASKED GUESTS!

Pre-register by calling  
860-567-0857 or register online:  
[www.whitememorialcc.org](http://www.whitememorialcc.org)



## FEBRUARY

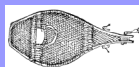
February 2, 9 16, 23  
**Virtual Dark of Winter Yoga with  
Judith Ehrman-Shapiro**  
4:30 – 5:30 p.m., \$10.00  
A portion of the proceeds is donated to WMCC.  
Call Judith: 860-309-9488  
For more information:  
[www.whitememorialcc.org](http://www.whitememorialcc.org)

3 **Nature's Nursery Series**  
See page 4 for details.



5 **WINTERFEST**  
Burr Pond State Park, Torrington CT  
10:00 a.m. - 3:00 p.m.  
Visit Gerri & Shakespeare the Barred Owl  
from 11:00 a.m. - 2:00 p.m.  
For more information:  
<https://portal.ct.gov/NCLI/Events/Winter-Festival>

5 **Twenty Years of Connecticut Winters  
with Tom Alena**  
See page 7 for details.



12 **Valentine's Floral Design  
Workshop with Susan Spanger**  
See page 7 for details.



16 - 22 **Museum Children Free Week**  
Free admission to children ages 12 and under  
when accompanied by an adult.

19 **Winter Tales by the Fire  
with David K. Leff**  
See page 7 for details.



21 **Presidents Day**  
Office Closed



25 **Star Party!**  
7:00 p.m., A. B. Cedar Room, MASKS  
REQUIRED. Weather permitting, there will  
be star gazing after the program.



26 **Winter at Little Pond**  
10:00 a.m., Meet at the A. B. Cedar Room.  
Dress for the weather!

26 **The Wonderful World of  
Galls, Burls, and Witches**  
with Peter and Barbara Rzas  
2:00 p.m.,  
ZOOM and FACEBOOK LIVE!  
For more information:  
[www.whitememorialcc.org](http://www.whitememorialcc.org)



## MARCH

**After School Adventures!!!!**  
Tuesdays and Wednesdays  
in March  
See page 4 for details.



March 2, 9  
**Virtual Dark of Winter Yoga with  
Judith Ehrman-Shapiro**  
4:30 – 5:30 p.m., \$10.00 A portion of the  
proceeds is donated to WMCC.  
Call Judith: 860-309-9488  
For more information:  
[www.whitememorialcc.org](http://www.whitememorialcc.org)

2 - 8 **Museum Children Free Week**  
Free admission to children ages 12 and under  
when accompanied by an adult.

3 **Nature's Nursery Series**  
See page 4 for details.



5 **The Pandemic Pantry  
with Gerri Griswold**  
**Where's the Beef?**  
It's our very own cooking show!  
12:00 p.m., ZOOM & Facebook Live!  
For information:  
[www.whitememorialcc.org](http://www.whitememorialcc.org)



12 **5th ANNUAL  
NATURE TRIVIA NIGHT!**  
See page 7 for details.



19 **My White Memorial Photo Challenge**  
Your beautiful photos compiled into a one  
hour presentation! 10:00 a.m., ZOOM and  
FACEBOOK LIVE! For more information:  
[www.whitememorialcc.org](http://www.whitememorialcc.org)

19 **Succulent Terrarium  
Workshop with Susan Spanger**  
See page 7 for details



23 - 29 **Museum Children Free Week**  
Free admission to children ages 12 and under  
when accompanied by an adult.

25 **Star Party!**  
7:00 p.m., A. B. Cedar Room, MASKS  
REQUIRED. Weather permitting, there  
will be star gazing after the program.



26 **NEVERMORE: Remembering the  
Thylacine with Gerri Griswold**  
10:00 a.m., ZOOM and FACEBOOK LIVE!  
For more information:  
[www.whitememorialcc.org](http://www.whitememorialcc.org)

26 **Show and Tell  
with Collector, Artist,  
Author Errol Fuller**  
See page 7 for details.



April 7 **Nature's Nursery Series**  
See page 4 for details.





## Adult LIVE & VIRTUAL Nature Study Workshops and Saturday Workshops: Winter 2022

Please pre-register online for these programs: [www.whitememorialcc.org](http://www.whitememorialcc.org)



**The Lost World Mountains of Venezuela with Stewart McPherson**  
**Saturday, January 8, 2022**  
**2:00 p.m., ZOOM**  
**Members FREE Non Members \$10.00**



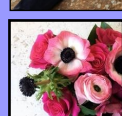
**Winter Whites Floral Design Workshop with Susan Spanger**  
**Saturday, January 15, 2022**  
**2:00 p.m., A. B. Ceder Room**  
**Members \$65.00 Non Members \$75.00**



**Let's Talk About Arctic Ice Age Animals with Moki Kokoris**  
**Saturday, January 22, 2022**  
**2:00 p.m., A. B. Ceder Room**  
**Member: \$10.00 Non Member: \$20.00**



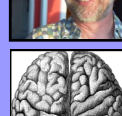
**Twenty Years of Connecticut Winters with Tom Alena**  
**Saturday, February 5, 2022**  
**4:00 p.m., ZOOM**  
**Member: FREE Non-Members \$10.00**



**Valentine's Floral Design Workshop with Susan Spanger**  
**Saturday, February 12, 2022**  
**2:00 p.m., A. B. Ceder Room**  
**Member: \$65.00 Non Member: \$75.00**



**Winter Tales by the Fire with David K. Leff**  
**Saturday, February 19, 2022**  
**4:00 p.m., The Lodge, Camp Iwakta, Norfolk**  
**Member: \$50.00 Non Member: \$75.00**  
**Directions to the Lodge will be provided upon registration.**



**5th Annual Nature Trivia Night!**  
**Saturday, March 12, 2022**  
**7:00 p.m., Carriage House**  
**Member: \$10.00 Non Member: \$15.00**  
**Bring dinner and BYOB! Dessert, coffee, tea, and water provided!**



**Succulent Terrarium Workshop with Susan Spanger**  
**Saturday, March 19, 2022**  
**2:00 p.m., A. B. Ceder Room**  
**Member: \$65.00 Non Member: \$75.00**



**Show & Tell with British Artist, Author, Collector Errol Fuller**  
**Saturday, March 26, 2022**  
**2:00 p.m., ZOOM**  
**Member: FREE Non Member: \$10.00**

Gigantic plateaus over 3000 feet high are home to rare plant species. It is difficult to imagine and appreciate how massive these mountains are. Explore the history, flora, and fauna of these lost worlds with British geographer and explorer, Stewart McPherson.

Exercise your botanical creativity by designing a winter white floral arrangement. Susan teaches you how to experiment with shape, line, symmetry to compose a floral masterpiece for you to take home! All materials are included. All ages and levels are welcome.

*We must have 10 registrations by January 8. Maximum is 12.*

Ice Age Beringia - the ancient land mass encompassing eastern Siberia, Alaska, and Canada's Yukon - was home to a unique mix of woolly beasts tens of thousands of years ago! See and feel hands-on Ice Age artifacts today! Be astounded by facts few people know!

For the time he lived in CT, Tom meticulously measured snowfall and depth at his home locations. Not a storm passed his attention. The data compiled paints a complicated picture of the trends and change in this most variable of New England seasons. Celebrate winter's wonders!

Treat yourself to a special Valentine's floral workshop! Arrangements will be full of fragrant flowers like English roses, tulips, and peonies. Guests will walk away with their own beautiful creation and the skills to make more! All materials included. For all ages.

*We must have 10 registrations by February 5. Maximum is 12.*

Your destination is The Icebox of CT!...Norfolk! Arrive to a cozy outdoor fire, mulled cider, donuts, and a hike leading to sunset. Retire to the Lodge for a delicious dinner complete with wine and a reading by the fireplace of special winter writings curated by author David K. Leff. This experience is limited to 10 lucky vaccinated individuals!

Come on, Brainiacs! It's back and it's LIVE! Bring dinner and BYOB. We provide dessert! Teams of six (we highly encourage team costumes) will compete for a valuable prize! Register individually but form teams beforehand. No team? No problem! We'll put you on a team when you arrive!

Succulent filled terrariums are all the buzz right now in floral boutiques. Susan will guide you step-by-step in creating your very own succulent terrarium and teach you about its upkeep as well! All materials included. For all ages.

*We must have 10 registrations by March 12. Maximum is 12.*

He is the author of at least a dozen books highlighting rare and extinct species. He has co-authored a book on Birds of Paradise with Sir David Attenborough. He possesses the most enviable collection of Victorian taxidermy in the world. He is best known as an artist. Travel to Kent, England for a talk with Errol as he reveals his very favorite pieces from his astonishing collection. [www.errolfuller.com](http://www.errolfuller.com)

### *Clip & Mail*

**The Lost World Mountains**

Member: FREE Non Member: \$10.00

**Winter White Floral Design Workshop**

Member: \$65.00 Non Member: \$75.00

**Let's Talk About Arctic Ice Age Animals!**

Member: \$10.00 Non Member: \$20.00

**Twenty Years of Connecticut Winters**

Member: FREE Non Member: \$10.00

**Valentine's Floral Design Workshop**

Member: \$65.00 Non Member: \$75.00

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ e-mail \_\_\_\_\_

Payment enclosed: Program fee: \$ \_\_\_\_\_ Membership fee: \$ \_\_\_\_\_ Total \$ \_\_\_\_\_

**Winter Tales by the Fire**

Member: \$50.00 Non Member: \$75.00

**5th Annual Nature Trivia Night!**

Member: \$10.00 Non Member: \$15.00

**Succulent Terrarium Workshop**

Member: \$65.00 Non Member: \$75.00

**Show & Tell with Errol Fuller**

Member: FREE Non Member: \$10.00

Become a member of  
The White Memorial Conservation  
Center

and take advantage of the  
member discount, along with free  
admission to the Nature Museum, a  
discount in the Gift Shop, and  
receipt of the quarterly newsletter  
and calendar of events. Your tax-  
deductible fee  
will help sponsor programs like  
these.

A Family membership is \$60.00  
annually. An Individual membership  
is \$40.00 annually.



**For more information  
call 860-567-0857.**



**Make Check Payable to WMCC  
Mail to: WMCC  
P.O. Box 368, Litchfield, CT 06759**



## Teachers, Group Leaders, and Program Coordinators,

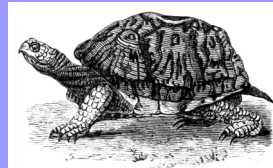
White Memorial Conservation Center has established a tradition of providing quality environmental education programming since 1964. Let us help you incorporate environmental education into your curriculum or enhance your current studies.

Education programs can be conducted at White Memorial or at your facility.

### The Program Possibilities are Endless...



Amazing Adaptations  
Creature Features  
Do the Locomotion  
Habitat Chat  
Pond Prowl  
Radical Raptors  
Rare and Remarkable  
Take a Hike  
Way to Grow  
Wildlife in Winter  
...and so many more!



We are also happy to design a program that caters to your needs. Just ask!

Visit [whitememorialcc.org](http://whitememorialcc.org) for more information and a complete list of programs with detailed descriptions, including the curriculum standards they meet.

Call 860-567-0857 to book your next program with White Memorial!

### *What's Inside This Edition of* **SANCTUARY**

Annual Appeal.....	2
Children's Programs.....	4
With Gratitude.....	5
Lukas Hyder.....	5
Events Calendar.....	6
Adult Virtual and Live Saturday Workshops.....	7

Give the Gift of Nature  
To Yourself or a Loved One.



Become a Member of  
White Memorial  
Conservation Center.  
Individual Membership: \$40.00  
Family Membership: \$60.00

Call 860-567-0857

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

A Planned Gift  
can make a difference in  
your future and ours.



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



Have you signed up for our weekly  
email newsletter, *The Habitattler*?

Calendar of Events  
Notable Sightings  
The Tail End Video  
White Memorial Photo Challenge  
and more!

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

Non-Profit Organization  
U.S. POSTAGE PAID  
TORRINGTON, CT  
06790  
PERMIT NO. 313

The White Memorial Conservation Center  
P.O. Box 368  
Litchfield, CT 06759  
ADDRESS SERVICE REQUESTED