

SANCTUARY

Newsletter of The
White Memorial
Conservation Center
Vol. XXXVII | No. 4
Fall 2020

Museum Hours:

The Nature Museum is Closed
Until Further Notice

For Information

Phone: 860-567-0857

E-Mail: info@whitememorialcc.org

Website: www.whitememorialcc.org



Clouding ~ Katherine Griswold www.katherinegriswoldphotography.com



The Beauty of Clouds

Story and Photographs by Thomas Alena



Clouds...what are they and what goes on inside them to make rain and snow? For most of humanity, no one really knew. In fact, as late as the 1800s they were described as “entities” in literature. This vague definition allowed for many myths to be created around them. No doubt that clouds had something to do with water, but the link between ground-water and rain wasn’t clear (no pun intended). In Ancient Greece, clouds were a group of young nymphs. These cloud spirits spent their days filling pitchers, then floated up to the heavens ready to dump them when the pitchers were full. Likewise, the Pueblo of Southwest America worship the supernatural beings who bring rain and moisture to the earth.



Cumulus

These cloud “entities” look solid enough to bounce on. But just ask Captain William Rankin, “The Man Who Rode the Thunder,” just how solid clouds are. After his aircraft malfunctioned, he was ejected into the top of a large thun-



Altocumulus and Cirrocumulus

derstorm. Rather than bounce on top of the cloud, Captain Rankin fell through the large cumulonimbus cloud and barely survived his jostled journey as he became coated in ice, then dropped with his parachute onto a farm field.

In 1802, a chemist by the name of Luke Howard gave a monumental talk in London in which he made sense of the clouds and cloud shapes he observed. In that pivotal evening, the clouds were named! Being of scientific mind, Howard knew that clouds were tiny droplets of water and ice suspended in the atmosphere, and formed as water vapor condensed into water. Their appearance, movement, and disappearance gave clues as to what is going on in the atmosphere above. His keen sense of observation allowed him to categorize the clouds into three basic groups, a system still in use today.

Using the Latin names as is common in scientific terminology, he described a

CUMULUS cloud as a *heap*. These clouds are separated from one another by generally clear skies and take the shape of lumps and rocks. Another basic type he observed was STRATUS, or *layered* cloud. In this type, the cloud droplets are continuously placed in a rather steady carpet or sheet in the sky above. The final cloud category, he called CIRRUS, meaning “*little boy’s curl*” after the similarity of these wispy ice crystal swirls to children’s hair.



Stratus

Now comes the beauty of his identification process. He noted that these shapes occur at various heights in the air above us. He used prefixes of “alto” to refer to mid-level clouds (6,000 -18,000 ft), and “cirro” as being the highest clouds in the troposphere. For clouds below about 6,000 feet, he didn’t use any prefix. Therefore, ten general cloud types are recognized and used today.

(continued on page 2)



Cirrostratus

Cumulus, altocumulus, and cirrocumulus all depict individual heap clouds at various levels. Stratus, altostratus, and cirrostratus are layered clouds at various heights. Now to pull it all together, he introduced “nimbus” (*cloud from which rain is falling*) as prefix or suffix, but NOT as a separate cloud type. Nimbostratus clouds are the ones that produce gray overcast skies with steady rain. Cumulonimbus are thunderheads, giant vertical clouds in huge heaps. Finally, stratocumulus clouds are low-level clouds with a layered, rolling appearance, having characteristics of both stratus and cumulus.



Nimbostratus

If you can identify your clouds and watch how they change, you can do a pretty good job of forecasting the weather. A progression from cirrus, to cirrostratus, to altostratus over several hours is a good indication that rain is on the way. Cumulus clouds that grow into cumulo-

(continued from page 1)

nimbus may be an indication that thunderstorms are imminent. Proverbs have been written throughout centuries that help you remember. “*When a halo encircles the sun or moon, it will rain soon*”- the cirrostratus clouds are composed of ice crystals and refract the sun or moonlight into a beautiful halo of light that encircles the sun or moon. “*When clouds appear like rocks and towers, the earth’s refreshed with frequent showers*” - again, cumulus clouds that build vertically indicate an unstable atmosphere where thunderstorms can occur.

So now we know that clouds are simply water droplets and ice crystals so tiny that the air surrounding them keeps them levitating. But how can you see this up close? An effective classroom demonstration I use is to spray a fine mist up into the air, in a darkened room, with a strong light beam shining on the mist. As the drizzle descends toward the floor, watch how the last of the droplets evaporate. They become so small, they levitate momentarily before evaporating altogether. You have just witnessed a cloud droplet small enough to float in the air!

Since clouds are water and ice in their solid visible form, they are subject to change within the three states of matter: liquid, solid, or gas. The water droplets can evaporate (disappear) or condense (appear), and the ice crystals can sublimate. So, as we watch clouds move in the air above, they change appearance as they condense, evaporate, or sublimate. This makes them much more dynamic than just a rock-like object floating through the sky.

Clouds appear white when the sun is reflected off of water droplets or tiny ice crystals. Only parts of the cloud not receiving direct sunlight appear gray or even dark gray. However, during the morning or evening, when all that remains of the sun’s spectrum are the orange and red wavelengths of the color

spectrum, clouds burst into vivid sunset/sunrise colors.

So how do clouds produce rain or snow? For precipitation such as drizzle, the cloud droplets grow by condensation big enough to fall gently to earth. But this generally does not produce much accumulation. Most of our rain forms in clouds that have both ice and water present. (Even during a summer rainstorm, it is cold enough way up high to have ice present.) The ice crystals grow at the expense of the water droplets around them. As these crystals get bigger and bigger, gravity takes hold of them and brings them toward the ground. Remaining water droplets can quickly freeze to the crystals making them yet heavier. If the temperature warms to above freezing before reaching the ground, the icy clumps melt and form raindrops. If not, you get a variety of winter precipitation forms.

Clouds are a key ingredient to studies of climate change. Since water droplets and ice crystals redistribute the sun’s energy that would otherwise reach earth, small changes in cloud cover over the earth may have significant impacts in altering the energy delivered by the sun and used by earth.

Clouds are usually one of the daily gifts that decorate a landscape. They are part of a water cycle that evaporates water from oceans and surface water and brings the vapor up high so that it can condense again to produce rain. Without these “entities” we’d never have fresh water on our planet!

References

- *Hamblyn, Richard (2001) *The Invention of Clouds: How an Amateur Meteorologist Forges the Language of the Skies*, New York, NY, Picador USA.
- *Alena, Thomas (2010) *Rays of Light: Demonstrations of Atmospheric Optics*, retrieved from <http://www.blurb.com>
- *Ludlum, David (1995) *National Audubon Society Field Guide to North American Weather*, New York, NY, Alfred A. Knopf
- *Rankin, William H. (1960) *The Man Who Rode the Thunder*, www.amazon.com



Our Author surrounded by his subject in Iceland (left and center) and atop Apple Hill (right). Photo credits ~ Gerri Griswold

A Message from Arthur Diedrick, President of the White Memorial Foundation



Lukas Hyder

It's a real pleasure to announce that the Executive Committee has unanimously elected Lukas Hyder as Executive Director. Lukas has been with us for 20 years and has served as forester for that time. We are delighted that Lukas has accepted this position.

Mike Berry has been appointed to the Forest Manager position effective October 1, 2020. He has been with us for 5 years and has served as head of maintenance. From October through December of this year, in addition to his new duties, Mike will still be involved in the day to day maintenance until his current position is filled, which we anticipate in January 2021. Mike will be attaining the forester license by the State of Connecticut.



Mike Berry



Grandma the Eastern Box Turtle

2021 ANIMAL FOOD FUND APPEAL

THE CONSERVATION CENTER
REACHES OUT TO YOU FOR HELP
IN DEFRAYING THE MONUMENTAL COST
OF FEEDING THE WILD BIRDS AND OUR ANIMAL
AMBASSADORS THROUGHOUT THE YEAR.

THE ANNUAL EXPENSE OF KEEPING OUR
BIRDS, SNAKES, TURTLES, SALAMANDER,
AND FEEDERS FULL IS APPROXIMATELY \$5500.

YOUR DONATION, NO MATTER HOW SMALL,
WOULD BE GREATLY APPRECIATED.

Yes! I'd like to help feed wild birds and animal ambassadors at the White Memorial Conservation Center with my gift of:

()\$5 ()\$10 ()\$20 ()\$50 ()\$100 ()Other \$_____

Name: _____ Address: _____ State: _____ Zip: _____

Please make your check payable to WMCC, 80 Whitehall Road, P.O. Box 368, Litchfield, CT 06759

Your donation can also be made on-line or over the phone by credit card! Visit www.whitememorialcc.org or call us at 860-567-0857!

PARENTS, TEACHERS, GROUP LEADERS, AND LIBRARIES, CHECK OUT WHAT WE CAN OFFER CHILDREN THIS SEASON!

GROUP/SCHOOL PROGRAMS (CAN BE HELD VIRTUALLY OR IN-PERSON, OUTDOORS)

ANIMAL ADAPTATIONS
CREATURE FEATURES
OUTDOOR DISCOVERIES
RADICAL RAPTORS

WILDLIFE OUTSIDE OUR WINDOWS
THE SOUND OF (NATURE'S) MUSIC
...PLUS MANY MORE!



VISIT OUR WEBSITE FOR A
COMPLETE LIST OF
PROGRAMS AND MORE
INFO ABOUT FIELD TRIPS
AND OUTREACHES.

PROGRAMS CAN BE
BOOKED BY CALLING
860-567-0857 OR
EMAILING CARRIE@
WHITEMEMORIALCC.ORG.

VACATION PROGRAMS (SEE BACK PAGE FOR DETAILS)



ONE-DAY FUN DAY (VIRTUALLY!)

GRADES 1-3: WEDNESDAY, DECEMBER 30

GRADES 4-6: THURSDAY, DECEMBER 31

1:00 - 5:00 P.M.

SPEND A FEW HOURS THIS HOLIDAY LEARNING ABOUT
THE WONDERS OF NATURE THROUGH ZOOM SESSIONS
AND OUTDOOR DISCOVERY!

AFTER-SCHOOL PROGRAMS (SEE PAGE 3 FOR DETAILS)

AFTER-SCHOOL ADVENTURES: VIRTUAL NATURE DETECTIVES

TUESDAYS AND WEDNESDAYS IN OCTOBER

VIRTUAL NATURE'S NURSERY SECOND THURSDAY OF EVERY MONTH

SCOUT PROGRAMS



AT THIS TIME, WE ARE ABLE TO OFFER VIRTUAL PROGRAMS AND
IN-PERSON PROGRAMS THAT TAKE PLACE OUTDOORS.
PROGRAMS ARE DESIGNED TO FULFILL BADGE REQUIREMENTS.

Make a Difference

In her continuing series, Zoë Greenwood helps you find small ways to help the environment.

I know for me and mine we are sick of this whole COVID-19 thing. Tired of wearing masks. Tired of wearing gloves. Tired of not getting together with friends or going out to dinner. Tired of not traveling. BUT Hubby and I are some of the lucky ones. We are retired, so much of the income is the same. We own our home. Our kids live far away, so we are not tempted to visit anyhow. So very many people are, sadly, not so lucky. We are very thankful.

So, I began thinking. And, I find, a lot of other people have as well, judging from the amount of information on the web. What was the 1918-1920 pandemic like and how does it compare to now?

What I discovered was kind of staggering and also encouraging. During that pandemic, 80% of the people wore masks. There were demonstrations against masks. Just like now. Borders were closed. Just like now. Theaters, movie houses, churches, restaurants and dance halls were closed. Just like now. Unemployment grew. Just like now. Reopening caused a resurgence. Just like now. Schools moved outside. Just like now. There were quarantines, racist behavior, bigotry and violent acts. Just like now.

What I couldn't find much information on was how things improved! Sure, there were some broad based improvements in health care and some other social improvement situations. The World Health Organization, for example, was founded. All good things. There were bound to be changes. After any major disaster,

grassroot plans and funding appear, seemingly overnight.

But, I was looking for the little things. Always, the little things. My late friend Betty often quipped, "Tis not the large things, but the small that can do a body in. One can sit upon a mountain, but not upon a pin."

Even with all of the restrictions, we have it so much better than people had it one hundred years ago. We have internet and nearly instant answers to our questions. We have television for news and entertainment. We have video games. We have email for checking in on loved ones. We have cars, often more than one per family. Access to healthy food is easier, even with some shelves nearly empty. I know of several fund raising events that have gone online and received larger than normal donations. (Have YOU sent in YOUR donation and renewed YOUR WMCC membership? If not, why not? Get moving!). Sadly, I've also heard of more than one organization with fairly large overheads that will last no more than one year. There will be things that don't return, unfortunately.

I think many people have tapped unused talents of "thinking outside the box." More and more organizations, including WMCC, have thought of new ways to reach people. Lots of people are learning new skills. People are taking online classes. People are working on master's programs and planting gardens and hiking and biking. People are spending more time as families and spending more time looking at clouds and dreaming.

Life changed in the 1920s. Women were finally able to vote. Technology improved. There was relative prosperity. Education was improved and more valued as people began to see that children are the future of our country. Washing machines and vacuums made housework easier. Women began working outside the home.

It will be the same this time, too. I am certain. We will come out of this pandemic, or as author/artist Susan Branch likes to call it, "dam panic" better for having met the challenge; better for working through it together. We all want life to get back to normal, whatever that might look like. Personally, Hubby and I want to play music with friends and go and hear live music as well. We'd like to travel. And see our kids. Just to be able to go to the grocery store without a mask and gloves would be a treat.

As JR Tolkien said, "It's the small things. Everyday acts of kindness and love that keeps the darkness at bay."

If you haven't already, use this pandemic time to start a compost bin; make a rain barrel; prepare a garden spot for next year; donate extra goods; learn a new skill; reduce your carbon footprint; make more meals from scratch; learn to make yeast bread; reduce your unnecessary spending; have a tag sale; eat less meat; install LED lights or engage in any of the million other things you can do to **make a difference**.



AFTER-SCHOOL PROGRAMS

VIRTUAL NATURE'S NURSERY

For Ages 3-6 Years

Second Thursday of Every Month
(Sep. 10, Oct. 8, Nov. 12, Dec. 10)

All Classes 4:00 - 4:30 P.M.

Each session includes storytime and a live animal encounter.

Members: \$5/session or \$15/whole series

Non-members: \$8/session or
\$25/whole series



AFTER-SCHOOL ADVENTURES: VIRTUAL NATURE DETECTIVES

Grades 1-3: Tuesdays in October

Grades 4-6: Wednesdays in October

All Classes 4:00 - 5:00 P.M.

Participants will solve clues about wildlife through both Zoom time and outdoor time.

Members: \$5/session or \$15/whole series

Non-members: \$8/session or
\$25/whole series

Register on whitememorialcc.org, at which point you will receive an email with the necessary Zoom link(s).

Cloud Appeal: Clouds in Art through the Centuries

By Gerri Griswold, Director of Administration and Development, White Memorial Conservation Center

In Nature's Pantheon, there is just something overwhelmingly special, something nearly God-like, about clouds. They can be behemoths, dramatic and billowy, or they can be as soft and diminutive as a whisper. Clouds can be black and ominous, or brilliantly painted by the setting sun with a palate of purple, crimson, and orange. Clouds are untouchable, fleeting, constantly changing. Clouds inspire. We look skyward and in clouds we might see an elephant, a snail, or even the face of our dearly departed Aunt Gertrude. They provide us with cascades of precious rain, sheets of treacherous ice, and heaps of powdery snow. Something as monstrously beautiful as a funnel cloud, is capable of rendering an entire town into a pile of rubble. We listen and pay heed to the silent language of clouds. It is no wonder why for centuries, clouds have seduced us. We place pencil on paper, paintbrush to canvas, in a vain attempt to capture their allure.

Clouds first appeared in Roman art. Around the 1st century CE, cloudlike forms were painted to indicate the heavens in a fresco found in the *House of the Tragic Poet* in Pompeii.



House of the Tragic Poet, Pompeii, 1st Century CE

Nineteenth century British chemist and amateur meteorologist Luke Howard, developed the first cloud classifications, "cumulus, stratus, cirrus." German writer and poetic titan, Johann Wolfgang von Goethe, was so smitten by Howard's system that he actually wrote poems dedicated to Howard and his work.

"To find yourself in the infinite,
You must distinguish and then combine;
Therefore my winged song thanks
The man who distinguished
cloud from cloud."

Nobody topped British Romantic

painter, John Constable. He spent hours laying in fields "clouding." Between 1821 and 1822, Constable produced a dizzying number of oil sketches of clouds and skies and made notes about each one relating weather conditions and time of day painted. He worked very quickly to capture as precisely as possible the details of his observations. The result is a body of work full of artistic and scientific reflection.



Cloud Study, John Constable 1821, Wiki Commons



Seascape Study with Rain Cloud, John Constable 1827, Royal Academy of Arts, London

There was no science behind German landscape painter Caspar David Friedrich's spectacular 1818 painting, *Wanderer Above the Sea of Fog*. The canvas defines Romanticism; a movement in painting distinguished by a new interest in human psychology, expression of personal feeling, and interest in the natural world; a rebellious retort aimed at stodgy Neoclassicism.



*Wanderer Above the Sea of Fog
Caspar David Friedrich 1818,
Hamburger Kunsthalle, Germany*

When American painter Georgia O'Keeffe flew in an airplane for the first time, she was dumbstruck by the vision of earth from above the clouds. This inspired her to create a series of paintings around the theme of clouds. The paintings began small and realistic but evolved into a stylized motif which became increasingly larger in format. The series culminated in *Sky Above Clouds IV* in 1965. The canvas spans twenty four feet.



*Sky Above Clouds IV, Georgia O'Keeffe 1965
Art Institute of Chicago*

The subject of clouds in art has even transcended two dimensions! Dutch visual artist Berndnaut Smilde actually creates clouds indoors. His project, *Nimbus*, uses smoke, water vapor, and the actual climate of the installation's location to create "cloud sculptures" which last for only several seconds before vanishing into thin air.



*Nimbus Platform 57, Berndnaut Smilde 2012
Ronchini Gallery, Umbria, Italy*

Of course nothing beats spending time in Nature observing these magnificent wonders. Clouds are free entertainment! They are accessible in every season! So grab a blanket in the spring and summer, a sweater in the fall, a snow suit in winter, and do some of your own "clouding." Bring along a smart phone and create your own masterpiece by immortalizing the evanescent beauty of clouds. I'd love to see your captures. Please email them to me: gerri@whitememorialcc.org



Fall 2020 Virtual Calendar of Events

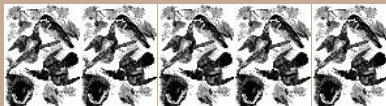
For more information on any of our programs, call us at 860-567-0857 or register online: www.whitememorialcc.org

SEPTEMBER

SEPTEMBER 26th VIRTUAL FAMILY NATURE DAY

Hand Wing Bat Conservation
Horizon Wings Raptor Center
Riverside Reptiles
Science Fun with Tom Alena!
10:00 a.m. - 3:00 p.m.
ZOOM and Facebook Live!

Visit www.whitememorialcc.org to register!



OCTOBER

3 Saving the American Chestnut

2:00 p.m., Zoom & Facebook Live!



After School Adventures
Tuesdays and Wednesdays in October
For grades 1 - 6
See page 4 for details.

Nature's Nursery Series
October 8, November 12, December 10
See page 4 for details.

10 Behaving Birdly

A Photographic Study of Birds
Acting Like Birds with Michael Audette
2:00 p.m., Zoom & Facebook Live!



12 COLUMBUS DAY

Office Closed



15 The Sound of (Nature's) Music

with Carrie Szwed

2:00 p.m., Zoom & Facebook Live!

17 The Beauty of Clouds

with Tom Alena

See page 7 for details.



24 Nevermore:

Remembering the Passenger Pigeon
with Gerri Griswold

2:00 p.m., Zoom & Facebook Live!



31 Creepy Crawlers with Brian Kleinman

See page 7 for details.



31 RAVEN ~ Bird, Myth, Legend

with Mary Beth Kaeser &
Gerri Griswold

See page 7 for details.



Every leaf speaks
bliss to me,
fluttering from
the autumn tree.
~ Emily Bronte



NOVEMBER



No warmth, no cheerfulness,
no healthful ease,
No comfortable feel in any member -
No shade, no shine,
no butterflies, no bees,
No fruits, no flowers,
no leaves, no birds -
November!

~ Thomas Hood, No!

7 Bored to Death: Emerald Ash Borer

2:00 p.m., Zoom & Facebook Live!



7 Live from the Blanket Fort!

An Evening of Americana Music
with Robert Messoro
See page 7 for details.



14 The Pandemic Pantry

with Gerri Griswold

Helpful Hints for a Healthful Thanksgiving
12:00 p.m., Zoom & Facebook Live!



19 Climate Change, Connecticut, and YOU

with Carrie Szwed
2:00 p.m.,
Zoom
& Facebook Live!



21 Who's WHO000000000?

Connecticut's Owls
with Fran Zygmunt
& Mary Beth Kaeser
See page 7 for details.



26 / 27 THANKSGIVING

Office Closed



28 The World According to Gerri

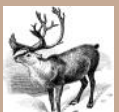
Virtual Globe-Trotting with Gerri Griswold
2:00 p.m., Zoom & Facebook Live!

Help sustain the future of the beautiful and diverse
White Memorial property by taking part in
The Alain & May White Planned Giving Program.
www.whitememorialcc.org

DECEMBER

5 Rudolph the Vulnerable Reindeer

with Dr. Mark Boyce
University of Alberta
See page 7 for details.



5 A Child's Christmas in Wales

Virtual Reading of the Dylan Thomas Classic
with John Dankosky,
Diane Smith, David K. Leff,
and Gerri Griswold
See page 7 for details.



12 Something Beautiful from Iceland

Holiday Concert
with Ragga Grondal,
Svavar Knutur, and
Kristjana Stefans
See page 7 for details.



13 Litchfield Hills Audubon Christmas Bird Count

~ To volunteer, email Ray
Belding: hoatzin1@optonline.net

17 Wildlife in Winter

with Carrie Szwed
2:00 p.m., Zoom & Facebook Live!



19 Christmas Around the World

with Puppeteer Robin McCahill
See page 7 for details.



19 The Science and Indigenous Folklore of Santa and His Reindeer

with Moki Kokoris
See page 7 for details.



25 CHRISTMAS

Office Closed

26 Winter White

The Beauty of White Memorial in Wintertime
2:00 p.m., Zoom & Facebook Live!



December 30 & 31
One-Day Fun Day at White Memorial!
Grades 1 - 6
See page 3 and back page for details.

I heard a bird sing in the dark of December.
A magical thing. And sweet to remember.
We are nearer to Spring
than we were in September.
I heard a bird sing in the dark of December.



~ Oliver Herford



Adult Nature Study Virtual Workshops and Saturday Programs: Fall 2020

Please register for all programs online www.whitememorialcc.org. You'll then receive a link to the program.



The Beauty of Clouds with Tom Alena
October 17, 2020, 3:00 p.m., ZOOM
Members: FREE Non-Members: \$10.00

This program reveals the history of cloud observation, their use as weather forecasting tools, and the science of how they form precipitation. We'll go over cloud identification and so much more!



Rudolph the Vulnerable Reindeer
December 5, 2020, 2:00 p.m., ZOOM
Members: FREE Non-Members: \$15.00

Learn about the fascinating adaptations that allow Reindeer to be...well...REINDEER with biologist and ecologist, Dr. Mark Boyce from the University of Alberta, Canada.



Creepy Crawlers with Brian Kleinman
October 31, 2020, 12:00 p.m., ZOOM
Members: FREE Non-Members: \$15.00

Get face to screen with a tarantula. See what happens to a scorpion under a black light. Explore the many legs of centipedes and millipedes and more!
www.riversidereptiles.com



A Child's Christmas in Wales by Dylan Thomas
December 5, 2020, 6:00 p.m., ZOOM
Members: FREE Non-members: \$20.00

This Christmas Classic will be read to you by broadcasting legends John Dankosky and Diane Smith, Author David K. Leff, and Traffic Reporting Ingénue, Gerri Griswold. The work is an anecdotal reminiscence of a Christmas from the viewpoint of a young boy, portraying a nostalgic and simpler time.



Raven: Bird, Myth, Legend
with Mary Beth Kaeser & Gerri Griswold
October 31, 2020, 2:00 p.m., ZOOM
Members: FREE Non-Members: \$15.00

Mary Beth Kaeser <https://www.horizonwings.org/>, her lovely imprinted Raven, Maven, and Gerri Griswold team up for a program devoted to the most intelligent bird brain in the world!



Something Beautiful from Iceland ~ Concert
December 12, 2020, 2:00 p.m., ZOOM
Members: FREE Non-Members: \$20.00

Meet three of Iceland's most celebrated musicians, Kristjana Stefans, Svavar Knutur, and Ragga Grondal as they perform their Christmas album, "Eitthvad fallet". Learn about Iceland's 12 Santas and more!



Live from the Blanket Fort! Americana Music
November 7, 2020, 7:00 p.m., ZOOM
Members: FREE Non-Members: \$15.00

Guitarist and Conservation Center perennial, Robert Messor, fills your heart and tickles your tympanum with sweet Americana to sooth your soul. This evening Robert will entertain you with pretty guitar music, by singing pretty songs, and a few funny songs too.



Christmas Around the World with Puppeteer Robin McCahill
December 19, 2020, 10:00 a.m., ZOOM
Members: FREE Non-Members: \$15.00

Meet a Christmas witch, a holiday devil, and Santas with names like Door Sniffer and Sausage Stealer as we explore global holiday traditions!



Who's WHOOOOOOOO~ Connecticut's Owls
November 21, 2020, 2:00 p.m., ZOOM
Members: FREE Non-Members: \$15.00

Fran Zygmont and Mary Beth Kaeser team up with five of Connecticut's seven owl species! YOU won't want to miss this program! What a HOOT!



Science and Folklore of Santa & His Reindeer
December 19, 2020, 2:00 p.m., ZOOM
Members: FREE Non-Members: \$15.00

Join Arctic Explorer Moki Kokoris, for an intimate look into Santa's World! Learn little known facts about our favorite jolly man! <http://90-north.com/>

<input type="checkbox"/> The Beauty of Clouds.....	Member: FREE	Non-Member: \$10.00
<input type="checkbox"/> Creepy Crawlers.....	Member: FREE	Non-Member: \$15.00
<input type="checkbox"/> Raven: Bird, Myth, Legend.....	Member: FREE	Non-Member: \$15.00
<input type="checkbox"/> Live from the Blanket Fort.....	Member: FREE	Non-Member: \$15.00
<input type="checkbox"/> Who's WHOOOOOOOO?.....	Member: FREE	Non-Member: \$15.00
<input type="checkbox"/> Rudolph the Vulnerable Reindeer.....	Member: FREE	Non-Member: \$15.00
<input type="checkbox"/> A Child's Christmas in Wales.....	Member: FREE	Non-Member: \$20.00
<input type="checkbox"/> Something Beautiful from Iceland.....	Member: FREE	Non-Member: \$20.00
<input type="checkbox"/> Christmas Around the World.....	Member: FREE	Non-Member: \$15.00
<input type="checkbox"/> Science & Folklore of Santa & His Reindeer.....	Member: FREE	Non-Member: \$15.00

Name _____

Address _____

City _____ State _____ Zip _____

Phone _____ e-mail _____

Please circle one: member non-member

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

Clip this form, make check payable to White Memorial Conservation Center and mail to:
White Memorial, P.O. Box 368, Litchfield CT 06759
You can now register online: www.whitememorialcc.org



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 per year.
An individual membership
is \$40.00 per year.

For more information call 860-567-0857
or visit: www.whitememorialcc.org



WHITE MEMORIAL THANKS

Northwest Community Bank + Litchfield Bancorp
Litchfield Stop & Shop Community Bag Program
Gerri Griswold + An Anonymous Donor
The Thomaston Savings Bank Foundation &
The Connecticut Community Foundation /
GIVE LOCAL
for generously supporting our virtual programming
through the Pandemic!



WHAT'S INSIDE THIS EDITION OF SANCTUARY

A Message from President Arthur Diedrick.....	3
Animal Food Fund Appeal..	3
Children's Programs.....	3
Make A Difference.....	4
Cloud Appeal.....	5
Events Calendar.....	6
Workshops.....	7

Have YOU signed up to receive our weekly email newsletter,
THE HABITATTLER?
Calendar of Events, Program Reminders,
Top 10 Notable Sightings,
The Tail End Video....and more!
Visit: www.whitememorialcc.org
to sign up.



Order from Amazon Smile & Help
WMCC!
Did you know that each time you order
from Amazon Smile, a donation is
made to White Memorial?
Just sign up and start shopping!
<https://smile.amazon.com/>

ONE-DAY FUN DAY (VIRTUALLY!)

Nature is so much fun in the winter! So, let's spend one of your vacation days learning about the natural world around you. Over Zoom, as well as outside in your yard, we will play games together, make crafts, meet live animals, and more. Lessons will alternate between computer time and outdoor time. Register at whitememorialcc.org, at which point you will receive an email with more information and the necessary Zoom link(s). **1-5pm.**

Grades 1-3: Wednesday, Dec. 30, Grades 4-6: Thursday, Dec. 31
Members: \$20, Non-Members: \$35



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

ADDRESS SERVICE REQUESTED

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