



THE NEWSLETTER OF THE CATSKILL FOREST ASSOCIATION, INC.

CFA NEWS

Fall 2017

*Providing Services & Education to
Landowners to Create Healthier Forests*



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MEETING**

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BLACK SPRUCE:
BY MIKE KUDISH**

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ARTHUR CONNER**

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WELCOME, NEW MEMBERS!

June

Pete Caramanna
Victoria Bailey
Patrick Mattson
Carolyn Pierson
Debbie Keane
Lemuel Srolovic
Dennis Waxman
Pete Donnolo
Linda Miller
Mark Lukin
Jason Brozdowski
Alex Waters
Roland Friedel
Connie Canfield

Alan Sidrane
Karol Bailey
Eric Romano
Gwendolyn Mojer
Nirmala Nataraj
Jon Harshbarger
Constance Huttner
Beth Henry
Michael Macri
Robert Platania
Adam de Lange
Kaustabh Wahal
Jaimie Beddoe
Rory Callahan

August

Adam Ippolito
Julie Brush
Carly Jones
Cory Davis
Gale Lichter

Dennison Joyce
Robert Schneider
Shannon Schultz
Christine Chen
Susan Dapkins
Judy Terry
Marc Neves
Steven Gilliatt
Deana Shelok
David Altarescu
Sara Zimmerman
The Petrillo Family
Mike McMannus
Kimberly Daley
Chris Luttrell
Jessica Baker
Lisa Friscia
Ronnie Cohen
Michael L. Johnson
Ian Martin

ANNOUNCEMENT - FORESTRY FIRST FRIDAY'S:

The Forestry First Friday's Program is being put on hiatus until further notice.

FROM THE DIRECTOR OF FOREST SERVICES' DESK

Director of Forest Services, Ryan Trapani

How Bout Them Apples?

As I begin to write this letter, I can hear “dings” hitting the roof outside CFA’s parking lot every ten minutes or so. The butternut or white walnut is dropping its nuts. Butternuts aren’t the only thing dropping from trees these days.

Lots of leaves and some apples are falling too. More specifically – and unfortunately – are the maples, that are prematurely shedding their leaves before revealing their stunning autumn colors beneath. “Normally” it seems that peak foliage in the central Catskill Mountains is about the last week of September into the first week of October. Last year, despite being a fairly dry summer, was simply awesome for fall foliage. Sugar maple seemed to light up the roadsides with golden colors, while red maple set the woods on fire with its deep-fire red; this year is different. Many maple trees are skipping the foliage stage, turning brown and falling to the ground.

What about them apples? Apple trees are normally easy targets to spot during the fall since they hold onto their green leaves much later than others. However, many apple trees (especially unpruned and shaded trees) have already dropped their leaves, and some apples too. Many members are reporting an abundance of apples, but that they are stunted and deformed. How did this happen?

Although the ground doesn’t seem too dry or too wet, the majority of summer seemed to spit some sort of moisture each day. The frequency in cool and rainy days offered excellent growing conditions for fungal spores and the spread of diseases, such as leaf fungi to grow.

Think about it. If you were to turn off your dehumidifier in the basement, what would happen? A basement is cool and more damp than other parts of the house; a great place for mold to grow. The same is true for leaf diseases inside a cool and damp summer season.

The good news is that this early drop of leaves and apples is temporary and mostly due to a whim of weather. All trees – including maples, and apple trees in particular – can probably stand to benefit from some added sunlight and pruning. Anecdotally, I have seen that apple trees growing in the sun that are well-pruned are less exposed to leaf diseases. I always read that pruning both improves air circulation and increases sunlight exposure which then reduces the formation of diseases; this year seems to adequately confirm and demonstrate this notion.



Lastly, I wanted to mention a couple things. CFA has hired Matt Hartley as CFA’s seasonal Forest Program Technician; he will be helping out with the execution of CFA’s programs in the field this summer and fall. You can find more information about Matt in this issue.

Also, CFA’s membership is growing as fast as a hybrid poplar in full sunlight! Membership is at 564 family memberships and 55,000 acres of privately-owned forest throughout the six counties encompassing the Catskill Mountains. Thank you for joining or remaining a part of our club. Please feel free to share your passion for the forest or how you might want to improve CFA. Send your thoughts to us: cfa@catskillforest.org.

May the Forest be with You,

Ryan Trapani

Director of Forest Services

FROM THE PRESIDENT'S DESK

CFA's Board President, Mike Porter



I am writing this letter long-hand with a pen made by Gordy Tyler and sold at the 2017 Catskill Forest Festival (CFF). This pen was made and sold as one of the many new products available at the 2017 edition of the Festival. This year had nearly 60 vendors, each advocating for or producing products “from the forest.” Vendors who either harvest wood, sell wood, buy wood, recycle wood, burn wood or take advantage of its working properties shared their expertise with visitors.

If you didn't attend this year's edition, you missed the best yet. CFA staff and Board members met beginning in January to begin planning and organizing for the last Saturday in July event. We had a member, Collin Miller, join our committee and his experience in the wood industry was invaluable in planning. It was a great deal of time for a one day event but the successful results made it worth the time investment.

With the loss of the signature “Game of Logging” (GOL) competition, the Festival now features “From Tree to You.” As with the GOL, Board member and logger, Jake Rosa has spearheaded the set-up and planning of “From Tree to You.” Hemlock Ridge Tree Service “planted” the trees, Jake “felled” them, Bill Johnson was the sawyer and the Hudson Valley Chapter of the Northeastern Woodworkers Association demonstrated the building of kids toys. Lynn Johnson and Scott Soderback showed the use of an antique “buzz saw” to buck slabs into firewood. All through the event proper technique and safety were demonstrated. If you have never seen the process, “From Tree to You” has something for all wood users. Stay tuned for more next year.

If you needed advice on your land, whether it be forestry, land planning or conservation issues, there were organizations present to answer your questions. All of us interested in our land can benefit from the expertise of the representatives present.

Keep your questions in mind for next year and bring them to the Festival.

If you were looking for tools or equipment for your planned jobs on your land, there were several businesses present to help you pick out the proper items for your needs. Find it is time to pick up gifts for loved ones? There were plenty of vendors in attendance to sell you their wares. There were items for everyone. Kid's Woods was bigger and better than ever this year keeping the little ones busy while parents visited vendors. Next year promises to be as many or more for you to visit.

With almost perfect weather this year, visitors flocked to the Festival. Unfortunately, it proved difficult to enlist enough food vendors to satisfy the needs of the visitors. It is often difficult to get food vendors to commit to events that are short duration because bad weather could ruin a day's income. A priority for next year will be to get a commitment from more people to sell food to eliminate long lines.

Offerings by CFA will continue. The “Tent of Knowledge” offered several experts discussing forest issues and topics. New topics and speaker ideas are constantly being floated around the committee. The CFA tent offered information on programs (with new ones being announced a couple times a year) and brochures on topics of interest were available. Door prizes were awarded to visitors who made entrance donations and entered in the drawing. Fund-raising tables with CFA logo items and a benefit drawing for a chainsaw, GOL course and other wood cutting items were also in the CFA tent.

If you attend our Forest Festival, this column would have been repetitious. If you were not there, hopefully, this will be incentive to make it a point to visit Margaretville on the last Saturday in July for the Festival next year. Thanks for listening, and see you at the Annual Membership Meeting on October 14th.

From the Forest,

Mike Porter

President, CFA Board of Directors

FOREST FESTIVAL RECAP

We would like to extend our sincerest thanks to all sponsors, vendors, demonstrators, volunteers, and visitors who made this year's annual event so successful. **The next Forest Festival will be held on the last Saturday in July, 2018. Mark your calendars - we hope to see you there!**

PHOTOGRAPHY BY ROB SCHNEIDER, CFA MEMBER



CFA'S ANNUAL MEMBERSHIP MEETING

Calling All Members!

Please join the Board of Directors, Staff, and your fellow CFA members for CFA's Annual Membership Meeting on October 14th, 2017 at the Union Grove Distillery, 43311 NY-28, Arkville, NY 12496.

All members will receive invitations by mail. Please RSVP by October 2nd, 2017.

CHAINSAW RAFFLE

We are currently selling \$5 raffle tickets for prizes to be won at the Annual Meeting on October 14th. See our list of amazing prizes, provided generously in part by one of our business members, Ashokan Turf & Timber Inc. Please contact CFA to purchase a ticket today! We will also be holding a raffle at the meeting for a pair of logger boots. Tickets will be available on the day.



1st – Husqvarna 555 Chainsaw + Free Game of Logging Class

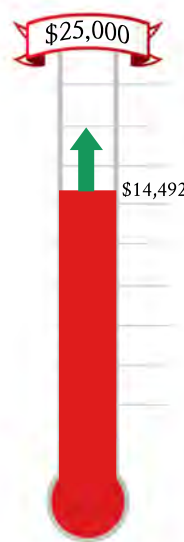
2nd – Husqvarna Chainsaw Helmet

3rd – CFA Basic Membership

4th – No-Spill 1.25 Gallon Gas Can

5th – CFA T-Shirt & Hat

FUNDRAISING UPDATE



Endowment Fund

In June of 2015, CFA received a Matching Funds grant in the amount of \$25,000.⁰⁰. We are pleased to announce that CFA has raised \$14,492.⁰⁰! We sincerely appreciate each and every one of the donations that we have received and of those still coming in from our members. Our goal is to raise \$10,598.⁰⁰ through June 2018. Please help us to reach our goal by donating to this worthy cause!

Scholarship Fund

CFA is also seeking donations to our new Scholarship Fund. The Scholarship Fund was created through CFA member donations. The fund provides up to 4 scholarships annually to local college students pursuing a degree in forestry while attending the SUNY college of Environmental Science and Forestry.

Congratulations to our 2017 scholarship recipients!

Aree Keon Bray

Forest Resources Management
First-Year Student
Delaware County

Sean Donnelly

Forest Resources Management
Transfer Student – Sophomore
Sullivan County

Stephanie Chase

Forest Ecosystem Science
Continuing Student – Junior
Greene County

Thomas Dapp

Sustainable Energy Management
Continuing Student – Senior
Sullivan County



FOREST OUTREACH COORDINATOR, DARIA CHADWICK

Hello, my name is Daria Chadwick. I was born in Liverpool, England and moved to the United States around ten years ago, where my family has owned property in the Catskills for most of this time. The forest captured my heart from the moment I set foot here. I graduated from Rider University (NJ) in May with a B.S. in Marketing & Management and joined the CFA in July as a Forest Outreach Coordinator. I am responsible for all outreach, marketing, and advertising efforts.

I am filled with excitement and gratitude for the opportunity to be involved with such a knowledgeable organization, especially one that works so tirelessly to ensure that this beautiful little corner of the world stays healthy and properly cared for. Thank you to our members for helping us continue this mission. The CFA is growing and I am looking forward helping contribute to this growth, and to bringing future updates and information about our organization directly to our members.

FOREST PROGRAM TECHNICIAN, MATT HARTLEY

Hi, my name is Matt Hartley. I will be working with CFA this fall as a Forest Program Technician helping out with forestry for wildlife, consultations, and other field work.

I come to CFA as a new graduate from the first annual Paul Smith's College School of Logging. The school of logging is a program designed in conjunction with the New York State Workforce Development Institute as a way to train people that are interested in starting a career in the forestry industry. The class started July 8th and concluded with graduation on August 5th. Although it was not a lengthy class, it was definitely full of valuable information and hands-on practical work.

Through the School of Logging, I was able to gain a certification in Game of Logging Levels I and II, as well as get my New York Trained Logger Certification and First Aid/CPR for Professional Rescuers. The variety of topics we covered

within the class ranged from basic tree species identification to working on a mechanized felling crew operating feller bunchers and other heavy equipment.

I decided to attend the School of Logging after working as a Park Ranger and realizing that I wanted to gain a deeper knowledge of the forest and the wildlife that inhabits it. I grew up in Pennsylvania on a mostly wooded property that was originally owned by my great grandfather, so I have always had a deep appreciation for the woods and a passion for the outdoors.

I attended college at Temple University in Philadelphia, PA and decided to pursue a degree in Criminal Justice with the hope of becoming a Park Ranger or Game Warden.

I currently work for the County of Chester Parks and Recreation at home in PA as a Part Time/Seasonal Ranger. Given the fact that I am working there part-time



I decided that splitting my time between working there and working with CFA would be a great opportunity to gain some experience and bolster my resume and skills.

I am truly excited to join CFA and learn from this unique organization. It is encouraging to see an organization that cares about land and landowners as much as the Catskill Forest Association does. I hope to bring the knowledge, skills and experience I have to serve CFA members in the best way possible and help grow healthy forests for generations to come.

MEMBER SPOTLIGHT



This fall edition member spotlight is focused on CFA member Arthur Conner, who recently participated in CFA's Mapping Program. Thank you, Arthur!

The Mapping Program was established earlier this year and is run by CFA's Forest Program Manager John MacNaught. John is well versed in the area of Geographic Information Systems, and through the use of satellite imagery and mapping grade GPS units he creates highly-personalized maps, customized in any way, shape, or style that the member prefers.

Arthur chose an orthophotograph for the basis of his map. These high-resolution overheads are adjusted for topographic relief, lens distortion, and camera tilt, allowing for an accurate depiction of the land in that it can be used to properly

measure true distances. Arthur's map included all the trails, forested roads, and points of interest that his property holds.

John also create topographic maps that shows land features and elevation changes. CFA maps can illustrate extensive details when orthophotos and topographic lines are combined into one image. So far, about a dozen CFA members have taken advantage of the mapping program. We offer printing in several sizes for paper copies, and any size prints on vinyl boards as pieces ready for display.

To schedule your mapping appointment, for more information, or if you have questions, email John: john@catskillforest.org, or call us at (845) 586-3054.

We welcome membership feedback for all CFA Programs. Tell us about your experience: cfa@catskillforest.org

EASTERN LARCH & BLACK SPRUCE

By Mike Kudish

Most CFA members have little difficulty in identifying trees, but they may struggle a little with the natural distribution of tree species within the greater Catskill region: why each species is where it is, and why it isn't where it isn't. Perhaps I can be of assistance. In this article, I will concentrate on two conifers.

Many folks, CFA members and non-members alike, have asked me why eastern larch (also known as tamarack) and black spruce are rare in the Catskills. This is in contrast to the Adirondacks, northern New England, and into Canada where both species are abundant. In the latter three regions, there are expansive flatlands to accommodate extensive bogs accommodating eastern larch and black spruce, but in the Catskills there simply is no room for large, flat boggy areas in the High Peaks. It's too steep.

PRESENT DISTRIBUTION-

I have observed eastern larch (*Larix laricina*) in only eight locations in the greater Catskills region, and black spruce (*Picea mariana*) only in four locations. Three of the locations have both conifers. See the list of locations and the accompanying map on the next page, very roughly arranged from north to south. The 300 series numbers on the map are my bog catalog numbers.

WHY?

These two species in the Catskills region are boreal relicts. They must have been "at the heels" of the melting Wisconsinan ice sheet as it retreated from the Catskills between 15000 and 14000 years ago. They were most likely abundant throughout the region at a time when there was still open tundra with scattered groves of trees. But because of their extreme intolerance of shade, they were quickly and easily replaced by shade-tolerant species as the latter moved north closely behind: mainly red spruce (*Picea rubens*), balsam fir (*Abies balsamea*), eastern hemlock (*Tsuga canadensis*), and yellow birch (*Betula alleghaniensis*).

The only places where eastern larch and black spruce survive today in the Catskills are on sites that the shade-tolerant species have not conquered.

These are expansive wetlands – i. e. bogs from several acres to several hundred acres in size – that have remained open and sunny to this day. These bogs have heath shrub mats often surrounding persistent ponds. Nearly all of them are in the periphery of the Catskills where there is plenty of flat terrain among lesser hills. Most are in Sullivan County and in central Delaware County.

But what about the High Peaks region in Ulster and Greene Counties? Although there used to be almost one hundred ponds in the High Peaks, these ponds were small, averaging one acre in size. Many were as tiny as a tenth of an acre to half an acre. These ponds were therefore able to quickly fill in with fen and swamp forest of red spruce, balsam fir, eastern hemlock, and yellow birch, "wiping out" any eastern larch and black spruce that might have arrived first. The folks at the Mountain Top Arboretum near Tannersville have named a portion of their lands "Black Spruce Glen". It is the GLEN that is dark and black, not the spruce. The spruce is red. Black spruce is likely to have been there for a millennium or so after the ice sheet melted, but when red spruce, balsam fir, eastern hemlock, and yellow birch invaded the area between 13900 and 13700 years ago, good-bye black spruce. It simply could not have withstood the competition.

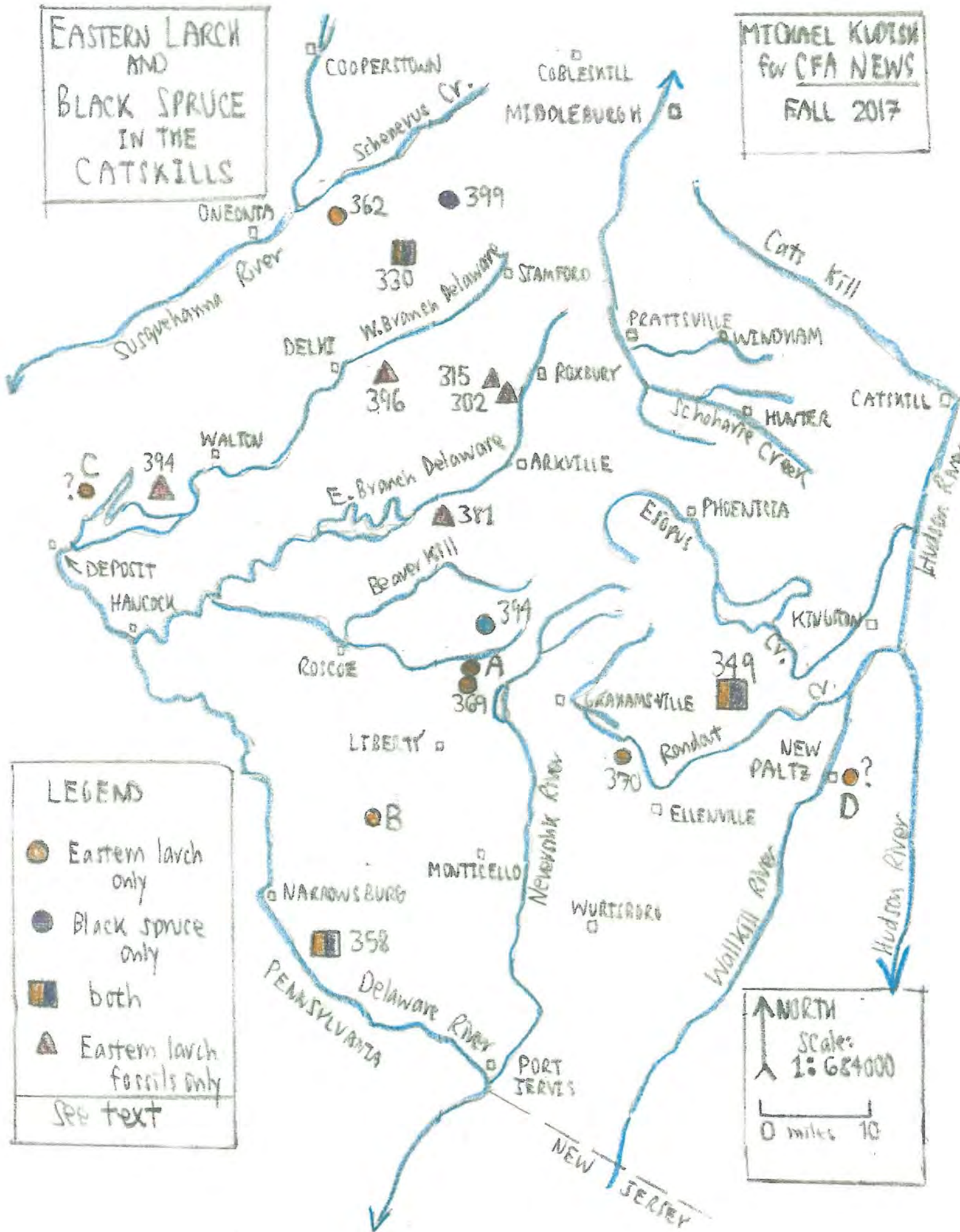
PAST DISTRIBUTION-

How do we know that eastern larch was once widespread in the Catskills? Preserved in the peat of five bogs (# 302, 315, 381, 394, and 396 on the map) are what look like larch needles. These needles are often partially decomposed and their identity therefore tentative. Matching these needles carefully under the microscope with fresh larch needles might confirm their identification. Radiocarbon dates on the peat samples are from the Beta Analytic laboratories of Miami, Florida. Unfortunately, I have not yet found fossils of black spruce, but if and when I do, there will be no question that this conifer also once was abundant throughout the Catskills.

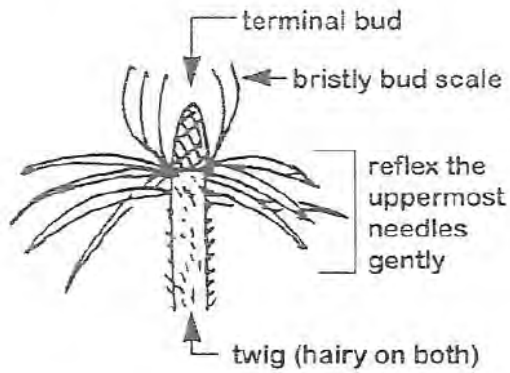
I hope to tackle the three Catskills hickories in the winter 2017–2018 issue: shagbark, bitternut, and pignut.



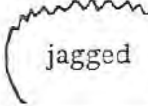
EASTERN LARCH AND BLACK SPRUCE IN THE CATSKILLS

MITCHELL KLOTZ
FOR CFA NEWS
FALL 2017



Spruces with bristly basal bud scales on terminal buds



RED SPRUCE	feature	BLACK SPRUCE
green to yellow-green	needle color	glaucous (blue-green)
3/8 to 1/2 inch	needle length	1/4 to 3/8 inch
 stiff & straight	leader twigs on lateral branches on saplings	 somewhat arcuate & flexible
cone scales 44 to 78, mean 57; reddish-brown when fresh; fall within weeks after seeds are shed.	cones	cone scales 36 to 55, mean 46; purple-gray when fresh; persistent for several years after seeds are shed.
 wavy	cone scale margins	 jagged
	crown shape	 discontinuous, many dead branches
great	shade tolerance	nil
slightly purplish-gray	bark color	gray, usually without purple cast

302. West Settlement Lower Bog, Town of Roxbury, Delaware County. Ca. 11500 years ago.

315. West Settlement Upper Bog, Town of Roxbury, Delaware County. From 13800 to 10000 years ago.

381. Arena Bog, Town of Mid-dletown, Delaware County. Ca. 11000 years ago.

394. Mongaup Pond Southeast Bog, Town of Rockland, Sullivan County. Over 13300 years ago.

396. Federal Hill Bog, Town of Delhi, Delaware County. 14100 to 13650 years ago.

409. Rock Rift, Town of Tompkins, Delaware County - Here I found a preserved larch cone, 11500 years old, informing me without any question that larch was once there.

362. Mud Lake Bog in Riddell State Park, Town of Davenport, Delaware County. Larch.

399. Clapper Lake Bog, Town of Harpersfield, Delaware County. The only bog with black spruce but without larch.

330. Mud Lake Bog off 96 Road, Town of Davenport, Delaware County. Both species.

369. Cooley Bog, straddling the Rockland- Liberty town line, Sullivan County. Larch.

349. Pacama Vly, straddling the Olive- Marbletown town line, Ulster County. Both species.

370. Cedar Swamp, off Dowe Road, Town of Warwarsing, Ulster County. Larch.

358. Grassy Swamp Pond Bog, Town of Tusten, Sullivan County. Both species.

The following two bogs I have casually observed, but not studied and catalogued. They are lettered A and B:

A. North Pond (also known as Elko Lake), Town of Rockland, Sullivan County. Larch.

B. Filippinis Pond, Town of Bethel, Sullivan County. Larch.

The following two locations have been reported, but I have yet to visit them to confirm the presence of larch. They are lettered C and D:

C. Barbourville, north of Cannonsville Dam, Town of Deposit, Delaware County.

D. Pine Hole Bog, Ohioville, Town of New Paltz, Ulster County.

This table assists CFA members in separating eastern larch from European and/or Japanese larch. The latter two are frequently planted as ornamentals and as reforestation species on abandoned pastures. The table also assists CFA members in separating black spruce from red spruce. This spruce separation is taken from Dendrology Guidelines, a booklet I had prepared at Paul Smith's College to help students to identify trees.

EASTERN LARCH or	Feature	EUROPEAN and JAPANESE
1/2 inch long or less. Look on tree or on ground beneath it.	Cone size, the most reliable feature for I.D.	3/4 to 1 inch long and about as wide (LARGE)
Most are less than 1 inch long, median 7/8". Rarely cover an inch long, often only 1/2" to	Needle length	Most are over an inch long, median 1 1/4", some up to almost 2".
Scaly, thin like spruces	Bark on mature tree	Thick, forming ridges & furrows or irregular place like pines.



CFA GALLERY

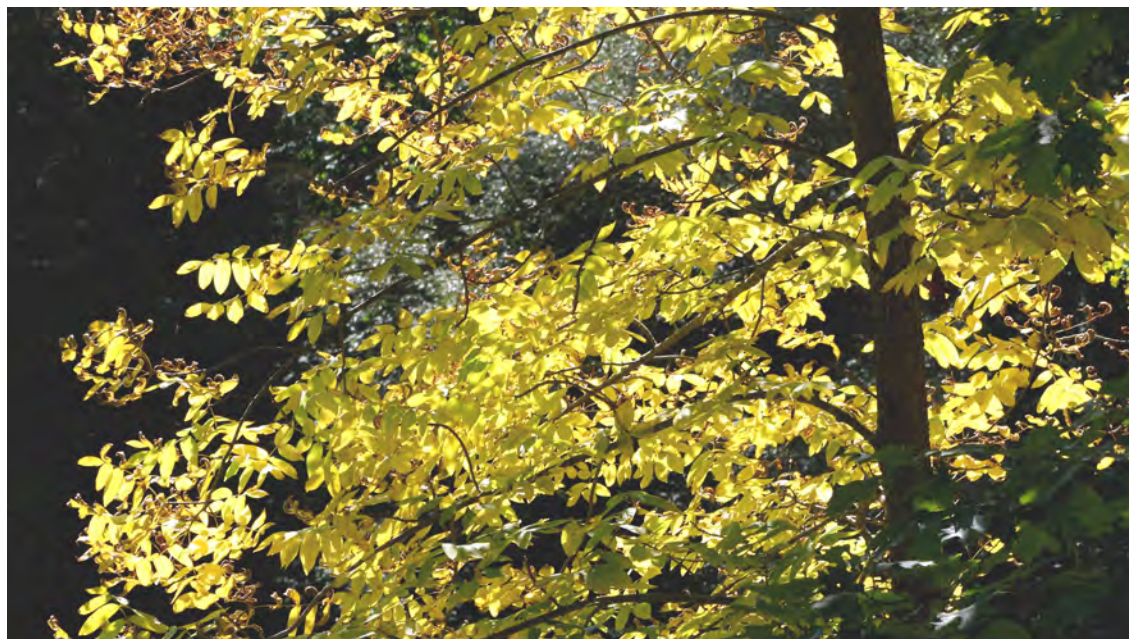


Cover Photo, Left –

The CFA drone captured the beautiful changing colors of the forest as fall made its way through the Catskills last year. Sadly the colors are not so bold this year, as the frequently cool and rainy days this summer increased fungal spores and made leaf diseases easier to spread, causing many trees to skip the foliage stage.

Right –

The leaves of the White Ash (*Fraxinus americana*) tree turn a stunning yellow as it enters the fall season. New York has more white ash than any other state. Its wood is valued for its strength, hardness, heavy weight, and elasticity.



Left –

A Red Maple (*Acer rubrum*) stays true to its name and lights up the forest with incredible shades of red. Red Maples grow from 40–60 feet tall and are able to thrive in a variety of terrains, from swampy soils to rolling rocky slopes.

Right –

A female blue-headed Vireo stares pointedly into the camera. As part of a mating ritual, male blue-headed Vireos will build 'courtship' nests to impress females, displaying how effectively they are able to gather resources. The nest is later abandoned and replaced with a breeding nest, pictured here.



Left –

An apple tree grafting job bursts into bloom. Grafting is a horticultural technique that joins the tissues of plants and allows them to grow together, allowing for different types of apples to be produced from the same tree. CFA can do this for you!



Above –

A striking caterpillar eats its way along a leaf. This particular breed, *Danaus plexippus*, stays in its pictured larvae form for 9–14 days before cocooning itself for another 8–15. Then, it emerges as the iconic Monarch Butterfly.

Left –

Forest Program Manager John MacNaught and Director, CFA Board of Directors, Dave Northcutt, used the Sugar Maple lumber that was milled in the demonstration area during the Forest Festival to re-build an old apple press. The press will be used in future CFA cider press demonstrations.



AMERICA'S FIRST FOREST

Foresters to Host Free Film Screening



Biltmore Forest School students, astride their horses in front of the first school house of forestry in the United States. The school building is now part of the Pisgah National Forest near Asheville, NC

On Saturday, September 30th at 7pm, the Catskill Forest Association and the Iroquois Chapter of the Society of American Foresters in cooperation with the Catskill Mountain Club will hold a free public screening of America's First Forest: Carl Schenck and the Asheville Experiment – the first full-length documentary film about legendary forester and educator Carl Schenck. The screening will take place at the Open Eye Theater at 960 Main Street, Margaretville, NY and is part of the annual Catskills Lark in Park – a series of events that celebrate outdoor recreation and environmental education in the Catskills. Produced by the Forest History Society, the film explores Carl Schenck's work at the Biltmore Estate in Asheville, NC and its impact on the American conservation movement. Public television aired the 55-minute film for the first time in April 2016 and now it is available for public screenings through partner organizations.

"It's a fascinating story of how the practice of forestry began in the eastern United States," states Ryan Trapani, Director of Forest Services of the Catskill Forest Association (CFA). CFA is a non-profit, membership organization headquartered in Arkville, NY that provides services and education to forest landowners throughout the Catskills region and is a local sponsor of the free showing.

America's First Forest tells the story of how Carl Schenck realized the vision of renowned landscape architect Frederick Law Olmsted to test if contemporary forest management techniques used in Europe could work in the US. It was on George Vanderbilt's magnificent Biltmore Estate in Asheville, North Carolina that a 120,000-acre tract of land became America's first scientifically managed forest. With so much land to oversee and replant, Schenck began hiring young men to help with the work. In 1898, at the student's request, Dr. Schenck began teaching them in a more formal setting and later that year, he opened the Biltmore School – the first forestry school in the United States. Schenck lectured in the mornings and the students worked the land in the afternoons, gaining practical forestry training in the one-year program. As Schenck noted with pride, "My boys worked continuously in

the woods, while those at other schools saw wood only on their desks." Schenck emphasized logging as part of the study of forestry and advocated for working with private forestland owners as the best path to conservation. With the Biltmore Forest School and his experiments on the ground, Schenck ultimately inspired the creation of the first national forests in the eastern United States.

After a disagreement with Vanderbilt, Schenck was dismissed as the chief forester at Biltmore in 1909. He then taught his students on the road as they traveled around the country and even to Germany and France to study forestry and logging operations. Hemorrhaging money, he shut down the Biltmore Forest School in 1913. Many men who learned from Schenck at the Biltmore School would go on to take leadership positions in the first establishments of forestry across the United States. Schenck would continue his career in Germany consulting and publishing articles on forestry matters for the rest of his life. Carl Schenck died in 1955, the same year that the Forest History Society published his memoir *Cradle of Forestry in America: The Biltmore Forest School, 1898 – 1913*.



Class of Biltmore Forest School students on a field trip to a logging site in the Northwest US. School founder, Carl Alwin Schenck, pictured here, back row fifth from left.

America's First Forest is distributed by the Forest History Society, a 501(c) 3 not-for-profit organization located in Durham, North Carolina. The Society links the past to the future by identifying, collecting, preserving, interpreting, and disseminating information on the history of interactions between people, forests, and their related resources—timber, water, soil, forage, fish and wildlife, recreation, and scenic or spiritual values. Through programs in research, publication, and education, the Society promotes and rewards scholarship in the fields of forest, conservation, and environmental history while reminding all of us about our important forest heritage.

To learn more about the Forest History Society and the America's First Forest movie, visit www.americasfirstforest.org.

To pre-register and see other events continuing throughout the Lark in the Park, visit www.catskillslark.org.

By, Collin Miller, Watershed Forester, NYS DEP

CFA PROGRAMS

Consultation	CFA will conduct a 1-hour visit at your property to make recommendations and help you develop your property management goals.
On-Site Visit	CFA will conduct a 1-3 hour visit and walk your property with you, no matter the size, and provide impartial advice and management suggestions.
Apple Tree Pruning	Pruning is an important practice for fruit trees because the process makes trees healthier. It improves sunlight penetration, increases air movement through the tree, and develops the structure of the tree so it can support the crop load it produces.
Apple Tree Grafting	Grafting is a horticultural technique that connects two different plants to grow as one, combining desirable attributes like induced fruitfulness and hybrid breeding into a single plant. If you have an old, neglected tree on your property that doesn't produce tasty fruit, we can help bring it back to life. If you want multiple apples on the same tree, we can do that, too.
Tree Saver	Invasive species can cause lasting damage. Our DEC Pesticide Certified Technicians apply treatments to individual trees to save them from being plagued by invasive species.
Forest Saver	Invasive species can cause lasting, widespread damage. Our DEC Pesticide Certified Technicians apply treatments to entire forests to save them from being plagued by invasive species.
Forestry for Wildlife	Learn how to make your forests more fruitful for wildlife. We specialize in small scale habitat management and can attract (or detract) specific types of wildlife. Some methods of increasing forest diversity include releasing fruit / nut bearing trees to sunlight, or creating cover for wildlife.
Mapping Program	We create personalized and detailed maps of a member's property, highlighting unique features and showing points of interest like trails and forests.
Tree Marking	It's all about quality, not quantity of trees. Do you cut your own firewood each year? Would you like to start? If you're not sure which trees to cut and which to leave behind, we can help.
Trail Camera	Get strategically placed cameras to capture images and videos. Ever wonder what kind of wildlife is on your land when you're not?
High-Nesting Bird Boxes	Birds such as owls, wood ducks, and American kestrels prefer to nest in cavities. found high up in trees, overlooking fields, or near, or over water. We can put boxes wherever it needs to go.

FALL EVENTS

<p>9/30/17 7PM</p> <p>"AMERICA'S FIRST FOREST" Film Screening</p> <p>Open-Eye Theater, 960 Main Street Margaretville NY</p>	<p>10/7/17 10AM-1PM</p> <p>GET TO KNOW YOUR FOREST</p> <p>Camp Shankitunk, 2420 Arbor Hill Road, Delhi NY 13753. Call CFA to register</p>	<p>10/14/17 10AM-1:30PM</p> <p>CFA ANNUAL MEMBERSHIP MEETING</p> <p>Union Grove Distillery 42211 NY-28, Arkville NY 12406</p>
<p>10/14/17 7PM-9PM</p> <p>DESIGNING FRUITFUL FORESTS</p> <p>Halcott Grange No. 881, 264 County Route 3, Fleischmanns, NY 12430 Call CFA to register</p>	<p>10/15/17 10AM-12PM</p> <p>MUSHROOM WALK #2</p> <p>CFA Office, 43469 St. Hwy 28 Arkville NY Call CFA to register</p>	<p>10/17/17 10AM-1PM</p> <p>UNALAM TOUR</p> <p>Pre-Register with Gary Sergio: (607)-563-7713 cjgs@frontier.net 100 West Road, Sidney NY</p>
<p>10/21/17 7:30AM-5PM</p> <p>GAME OF LOGGING LEVEL 1</p> <p>325 Maggie Hoad Road Delancey, NY 13752</p>	<p>10/26/17 6:30PM-8PM</p> <p>THE ART & CRAFT OF CATSKILL LEATHER</p> <p>Ellenville Public Library 40 Center Street, Ellenville NY 12428 Call CFA to register</p>	<p>12/9/17 10AM - 1PM</p> <p>DEER PROCESSING DEMO</p> <p>1846 Big Red Kill Road, Fleischmanns, NY Call CFA to register</p>



PO Box 336
Arkville, NY 12406

MEMBERSHIP APPLICATION

I believe in enhancing the quality and productivity of woodlands in the Catskill Region through proper forest management.
I am interested in joining the Catskill Forest Association, taking advantage of all it has to offer, and supporting its efforts.

Name: _____
Mailing Address: _____

Property Address: _____

Total Acres: _____ Forested Acres: _____ Pond Y / N Stream Y / N River Y / N
Phone #: _____ Email: _____

MEMBERSHIP CATEGORIES

(Select your membership level and if you'd like, make an additional donation):

BASIC – Newsletters, CFA Sign, Free 1-Hour Consultation, CFA events free or discounted	\$65 + \$_____	Unrestricted gift for CFA's General Operating Fund	\$ _____
CONTRIBUTING – Same as Basic + 20% discount on CFA Programs + CFA Tote Bag	\$150 + \$_____	Restricted Endowment Trust Fund (permanent fund from which CFA receives interest in perpetuity)	\$ _____
BUSINESS – Same as Basic + 10% discount on CFA Programs + Free Table at the Catskill Forest Festival, Email advertisement twice per year, CFA Website listing	\$200 + \$_____	Unrestricted gift for CFA's Scholarship Fund	\$ _____
SUSTAINING – Same as Basic + 30% discount on CFA Programs + Free On-Site Visit (only mileage will be charged) + CFA Backpack	\$500 + \$_____		

Please attach your check and mail to: Catskill Forest Association, Inc. PO Box 336, Arkville, NY 12406
Dues and donations are fully tax deductible to the extent permitted by law.