

Massachusetts Tree Wardens and Foresters Association

Organized for the Protection and Preservation of Trees

March 27, 1913 ♦ Dr. George E. Stone, Founder



BARK

2018
Issue 3
Fall-Winter

WINTER CONFERENCE ISSUE

2019 Annual Conference January 8-9

The conference schedule looks a little different this year. Along with the great speaker lineup you've come to expect, we're bringing back afternoon breakout sessions, with choices to suit your specialty. No matter where or how you work with trees, you won't want to miss this one!

- Topics of interest for everyone - municipal administrators and field personnel, utility partners, and commercial arborists
- The popular tree wardens' panel - attorney Julie Steiner will give an overview of the Chapter 40 Scenic Roads Law, followed by an open discussion with tree warden panel members and questions from the audience
- Numerous opportunities to earn continuing education credits - ISA and MCA certified arborists, MCLP, safety credits, and Massachusetts pesticide.

Conference Program and
Registration Form in centerfold

For overnight room reservations
NEW PHONE: call 508-347-7393
and mention Mass. Tree Wardens

Host Hotel and
Conference Center
Sturbridge, MA

Kristina Bezanson
Appointed Lecturer
in Arboriculture and
Urban Forestry at UMass
Amherst

Please Welcome Her at Conference!



In September, Kristina Bezanson was hired as a Lecturer in Arboriculture and Urban Forestry at UMass Amherst. Before coming to UMass, Kristina worked as City Arborist for Virginia Beach, Virginia, and as an Assistant Professor of Horticulture at Tidewater Community College (TCC), in Chesapeake, Virginia. At TCC, she taught a range of courses including Arboriculture, Plant Identification, Plant Pest Management, Landscape

continued on page 5

The BARK Newsletter is made possible through a grant from the USDA Forest Service, Urban and Community Forestry Program and the Massachusetts Department of Conservation and Recreation, Bureau of Forestry.

MTWFA Executive Board 2018

OFFICERS

President—Alex Sherman, Springfield
Vice President—Paul Sellers, Falmouth
Secretary—David Hawkins, Pelham
Treasurer—Ed Olsen, Needham
Past President—Robert LeBlanc, Walpole

COUNTY DELEGATES

Essex—vacant
Middlesex—Joel Custance, Lexington
Norfolk/Bristol—Brandon Schmitt, Wellesley
Plymouth—Craig Hillman, Allscape Tree
Western Mass.—Alan Snow, Amherst
Worcester—Ruth Seward, Worcester Tree Initiative

AT-LARGE MEMBERS

George Ackerson, Clinton
Ted Bubbins, Plymouth
Art Goodhind, Natick
David Lefcourt, Cambridge
Chris Scott, Chicopee
Kent Warren, Wellesley
Marc Welch, Newton

NEWSLETTER EDITOR

Karen Doherty, MTWFA Executive Director

In this issue

Kristina Bezanson Joins UMass	1
From the President	3
In Memoriam	4
Update: New MQTW Graduate	4
Welcome New Members	5
UMass: Tree Inventory Data Needed	5
“House of Cards” Management Trap	6
Index of Advertisers	8
2019 Conference Schedule	10
2019 Conference Registration Form	11
Urban Forest Strike Team Honor Award	12
DCR Poster Contest and Tree City	15
Report: Tree Mortality Workshops	16
More Bad News for Oak Trees	17
Calendar of Events	20

MTWFA MASSACHUSETTS TREE WARDENS' AND FORESTERS' ASSOCIATION

P.O. Box 411

Brewster, MA 02631

781-894-4759

info@masstreewardens.org

Published Quarterly

Spring-Summer-Fall-Winter

From the President

Welcome to the Winter 2018 edition of the BARK newsletter, your premier source for all MTWFA related news! I hope everyone had a safe and productive year. Just as 2018 is coming to a close, so does my tenure as President of MTWFA.

I want to begin this final president's message by saying thank you. Firstly, I would like to thank our membership for supporting this organization through annual dues and attendance at our many training events. It is our community of passionate tree professionals that makes this organization.



I would also like to thank the members of the Executive Board for their support and for keeping this organization running smoothly. I always appreciated the open and honest conversations we had while discussing the business of this organization. I especially would like to thank our Executive Director, Karen Doherty. Her tireless work and knowledge of all things MTWFA has made my job as President easy. Karen, I cannot thank you enough for all that you do for this organization. The grand history of the MTWFA was always on my mind during my tenure and it has truly been a humbling experience to participate in such a historic association. It has been one of the great honors of my career to serve this organization and I am looking forward to continued service in years to come. Thank you.

With that out of the way, I thought I would update you on the business of the organization over the past several months. The Mass. Qualified Tree Warden subcommittee met in July to debrief this year's inaugural course and to come up with ways to improve the next one. Several changes were proposed, including an abbreviated schedule within a six-week period as well as including a "field day." The sub-committee relied heavily on comments made by the first graduating class, so I wanted to thank those of you who participated in the survey and offered suggestions.

The September E-Board meeting was held at the annual Field Day of the Southeastern Mass. Tree Wardens'

and Arborists' Association in Plympton. Thank you to SEMTWAA for hosting us and putting on a great event. Topics discussed included a finalized conference speaker schedule and upcoming events for the year. I was happy to host the October meeting in my home community of Springfield. We discussed many topics including a Tree Warden 101 overview course, to be coordinated with Baystate Roads out of UMass Extension Services. The November meeting was held very appropriately at Plimoth Plantation. Here, I would like to offer some bittersweet news: Ted Bubbins, Tree Warden for the Town of Plymouth and MTWFA Past President, has announced that he will retire soon and will be stepping away from the E-Board after his current term to enjoy time with his family. I wish Ted all the best in his retirement and thank him on behalf of the MTWFA for his long and dedicated service to the organization. Finally, I want to thank our Vice President Paul Sellers for putting together a great program with some exciting new formats for the 2019 Annual Conference. I am certainly looking forward to it and I hope to see you all in Sturbridge on January 8-9! Registration is available three ways: online using the link on our website; using the paper brochure you received in the mail; or using the paper form in the centerfold of this issue.

Finally, our two satellite chapters, Southeastern Mass. and Western Mass., are continuing to hold successful educational events. As I mentioned earlier, the E-Board met at and then attended SEMTWAA's 55th Annual Field Day in September. A few rain drops didn't dampen our spirits and a great time was had by all who were there. The Western Mass. chapter has also been active, with meetings in June and September that were also well attended. I would recommend that anyone looking to get CEU's or keeping up-to-date on interesting topics attend an event put on by either of these groups.

As I bid you farewell as president, I am eagerly looking forward to the future success of the MTWFA, and I wish you all a happy and prosperous new year.

Thank you and be safe,

Alexander R. Sherman

President 2017-2018

IN MEMORIAM

Henry Mathieu

MTWFA President 1975-77

Henry (Pete) Mathieu Sr., passed away on August 4, 2018 at the Soldiers' Home in Holyoke. He was born on July 12, 1924 in Southbridge, MA where he was raised and educated. He was predeceased by his parents and nine older siblings. His wife of 68 years, Lorraine (Lariviere) Mathieu, passed away in 2012. He is survived by his daughter and son, their spouses, and eleven grandchildren.



Henry served in the U.S. Navy during World War II and later took advantage of the GI Bill to major in arboriculture at the Stockbridge School in Amherst. After graduation, he established the H.A. Mathieu Tree Company in 1951 in Easthampton, also serving for many years as the town's elected tree warden. He later became the Assistant Regional Director of Forests and Parks for the Berkshire Region for the Commonwealth of Massachusetts.

In 1968, Henry took the job of City Forester for Springfield, MA, serving there until his retirement in 1989. He was publicly credited with having made extensive improvements to the beautification of Springfield through the planting of thousands of trees. He was also an active MTWFA member and MTWFA president from 1975-77.

At the age of 88, Henry attended MTWFA's 2013 centennial celebration dinner at UMass. Ed Casey recently shared that, during some storms occurring in Pete's final days at the Soldiers' Home, Pete was telling his son to call Ed (his tree foreman at the time Henry was Springfield's tree warden) to get out there and get to work because trees and branches would be coming down and need to be cleaned up. Ed's comment: "he was always and ever the tree warden!" ✍

John J. Doherty

1959-2018

John J. Doherty, Division Foreman of the Melrose DPW Parks and Forestry Divisions, died on Thursday, September 13 at Massachusetts General Hospital from injuries sustained while doing the job he loved. A fourteen-year veteran of the department, John made significant contributions to the City of Melrose through his daily work. A steadfast employee, he was instrumental in helping Melrose look the way it does today, including lining fields, cutting grass, pruning trees, and maintaining flags city-wide. A Melrose resident, John was dedicated, dependable and strongly committed to his job. He was a loving husband, father and grandfather and described as an all-around super guy. He will be sorely missed by his colleagues in public works and by the entire Melrose community.



On September 19, the day of his funeral, the New England Chapter of the American Public Works Association (APWA) organized a show of support, with many public works trucks and staff from other towns participating in the funeral procession in Melrose. ✍

Update: MQTW Class of 2018

Vanessa Boukili, Tree Warden for the City of Somerville, is the final person from MTWFA's first graduating class to achieve the designation of Massachusetts Qualified Tree Warden. Due to our spring weather rescheduling, Vanessa was forced to miss one of the two mandatory sessions on the topic of tree risk. Vanessa has now successfully completed the ISA's Tree Risk Assessment Qualification Course (TRAQ) and, by fulfilling this alternate requirement, has also received the MQTW certificate. Congratulations to Vanessa on achieving both qualifications!



Construction, and Theory of Landscape Design. A native of Massachusetts, she is an ISA Board Certified Master Arborist / Municipal Specialist and a Qualified Tree Risk Assessor. She holds credentials in Sustainable Landscapes, Sustainable Design, and Sustainable Installation. Kristina is also the sole proprietor of Garden & Forest Consulting, which focuses on tree care, risk assessment, and sustainable landscape maintenance and design practices on residential and commercial sites. She has been an active volunteer with professional associations, including serving as President of the Virginia Urban Forest Council and being a frequent rider on the Tour des Trees.

Kristina's experience and credentials will allow her to teach a variety of courses in the Stockbridge and UMass Arboriculture programs for two- and four-year students. Currently, she will teach the introductory and intermediate courses in arboriculture, the seminar course, and will handle all student internships. Kristina will likely also be tasked with developing online educational materials for students and professionals; and, since UMass Amherst recently obtained the campus of the former Mt. Ida College in Newton, she will be exploring ways to offer educational programs for students and professionals in the greater-Boston area. Kristina's email is kbezanson@umass.edu.

Kristina's position was made possible in large part because of support from alumni/ae and professionals throughout New England. The arboriculture faculty at Stockbridge and UMass are very grateful for your support of the program! ☺

Welcome New MTWFA Members

Roger L. Augustine - Town of Gill

Kristina Bezanson - UMass Amherst

Mark Bezreh - Arbor Care Tree Service, Reading

Peter Durkee - Town of Georgetown

Mike Longo - Town of Tewksbury

David Marinelli - Town of Longmeadow

Joseph Marshall - Town of Barnstable

Daniel Mayer - Mayer Tree Service

Mark Walsh - Town of Tewksbury

A LETTER FROM UMASS RESEARCHERS: Please Complete a Survey About Your Tree Inventory Data

Dear Colleagues,

We (researchers at UMass - Amherst) are conducting a study on commonalities between street trees planted in municipalities around the globe. Please help us by completing a short, approximately three-minute survey about tree inventory data collected by your city or municipality.

Increasingly, municipalities around the world are using tree inventories to manage the urban forest. Knowing the species, size, condition, and location of street trees is critical for (1) efficient tree management, (2) assessing the services that urban trees provide, and (3) comparing the costs and benefits of specific species. However, national to global syntheses of tree species assemblages have not been performed, largely because municipal tree data have not been compiled into a single database. Our goal is to assemble urban tree data **globally** and use this information to understand commonalities between municipal tree planting and the implications for people's interactions with trees. Ultimately, we hope to support the formation of stronger networks of urban foresters for exchanging information about the costs and benefits of various assemblages of species.

The live link to complete the online survey is on the home page of the MTWFA website, www.masstreewardens.org. Thanks for your time!

Sincerely,

Bethany Bradley

Associate Professor of Biogeography, UMass - Amherst

Brian Kane

Mass. Arborists Association Professor, UMass - Amherst

 <p>HORTICULTURAL TECHNOLOGIES INCORPORATED</p> <p><i>Consultant for Tree Protection and Preservation</i></p>	<p>George Ackerson <i>Mass & ISA Certified Arborist Member, American Society of Consulting Arborists</i></p> <p>106 B Pine Street P.O. Box 436 Clinton, MA 01510-0436 (978) 368-1900 Fax: (978) 368-1905 gackerson@horttecinc.com</p>
--	--

The “House of Cards” Management Trap

By Jamie M. Magaldi, PE, MCA

Wednesday night is basketball practice night in our household. My daughters, ages 12 and 11, both have practice for their recreational leagues on the same night, which makes it easy for their busy parents to be time-efficient while juggling other mid-week responsibilities.

While most parents consistently drop off their kids, I try to attend the less glamorous hour-long practices. I don't really need to be there. They're fine on their own. Sure, I could certainly use that hour to run to the hardware store to work on the ever growing list of repair tasks, grab extra granola bars for tomorrow's lunchboxes at the grocery store, or simply sit in my car and catch up on the latest James Patterson, but I hope that these little extra efforts of support are the things that the kids will hang on to as they grow and remember their childhood. I can remember my father, sometimes the only parent from the team, on the sideline during practices. I wondered why at the time, but I get it now.

Life is full of parallels. We tend to try to separate our work lives from our personal lives, but some of the management philosophies should definitely be shared. Whether you're managing a family or a tree operation, it's easy to fall into the trap of “perception management.” Many of us as managers are going a great job of making appearances during the large-scale projects, emergency responses, and glamorous community projects. These are the Saturday basketball games. You're expected to be there to cheer your kid on. The perception of team support is strong and you've built an impressive house of cards.

But what separates a good support manager from the others in the spectator stands is that extra effort. You might think to yourself that your team is a well-oiled machine and doesn't need constant care or handholding. Don't confuse micro-management with showing extra support, however. Even the best running machines and equipment still need preventive maintenance and attention to keep them at their best. You've built a team around you that you can rely upon, and that's great. But it's important not to take that for granted by distancing yourself as a manager from the operational gears that run together to keep you looking successful.

Was that a foul? I didn't hear a whistle. Let me further explain.

Inevitably, politics play a role in both public sector and private sector crew management. Some crews see the

top leaders only when they are being interviewed by the local social media outlets, or when they're quoted in the local paper about how their crews cleaned up yesterday's microburst in short order. This type of leadership from the top, the kind that focuses on the spotlight other than maintaining relationships with the actual workers, cannot sustain itself long term. Expertise, boots on-the-ground experience, and making appearances for the less glamorous everyday jobs are the essential vitamins that will sustain a successful team and foster respect from your crews. This is a valuable and essential investment.

The story of The Three Little Pigs comes to mind (stay with me here). Remember the pig who took the time and extra care to build his house of bricks while the others created the perception of strong houses using sticks and straw? Relying on public perception without investing in the roots of your crews creates a thin and cheap product that may appear well established to the outsiders who see the work getting done, but inevitably the test of time (and climate change) will tear through it like a cheap party streamer which will eventually expose your house of sticks for what it is. You'd better hope that somebody close by built a brick house and is willing to open the door after the metaphorical work-wolf blows your house down.

Build a solid foundation. Field-visit your crews often, even when they don't need help. Make extra time to listen to staff complaints. Try their ideas from tailgate sessions, apply for safety grants to purchase items they have been asking for, support your staff by always assuming your team members are correct, and give benefit of the doubt when they are accused of negative behavior. Learn the lives of your workers, the names of their spouses, what colleges their kids are attending. This extra effort will help you discover what motivates them and will build your team's strength beyond just ANSI standards. Build them up strong, with a real foundation.

We can probably agree that what separates dynamite employees from good employees is their willingness to add extra effort and go beyond what is being asked of them. Your workers see good managers in the same light. Put the work in and don't just reap the rewards or take the victory lap as team leader. Take a step back and ask yourself if you're just showing up at harvest time, or if you're working

continued on next page

with them to pull the weeds, till the soil, and work through the droughts to get there. You may be successful at creating the illusion of success to most of the public, but the people that matter most, your working staff, are intelligent people and definitely see through that. And trust me, it's toxic.

Through the wins, loses, and draws, your kids will remember the level of effort you put into supporting them. Employees are similar. At the end of the day, it's your effort that will gain you the respect of being a great manager, respect not only from the public and your customers, but more importantly from the people who work under you every day to make you appear successful. Genuine respect creates a culture of sustainable work ethic that will percolate through your department and into the insulated cup of success. And that's one strong cup of coffee. ☞

Jamie Magaldi, PE, MCA is the Operations Manager and Tree Warden for the Town of Wilmington, MA. Jamie has served on the MTWFA board and continues to be an occasional contributor to this newsletter.

AMHERST NURSERIES

STREET TREE SPECIALISTS!

WIDE SELECTION OF
FASTIGIATE AND UNDERWIRE TREES

GROWN IN OUR NURSERY
B&B OR GROW BAGS

PUT OUR EXPERIENCE
TO WORK FOR YOU.

JWK@AMHERSTNURSERIES.COM
(413) 549-8873
199 BELCHERTOWN RD (RT 9), AMHERST MA
WWW.AMHERSTNURSERIES.COM

CAL · U · WE

Biomass Heat & Power Solutions

We have solutions for your piles of WOOD CHIPS

- + Electric Power
- + Hot water
- + Heating
- + Cooling

Burlington MA 781-308-8583
www.woodchipboilersr.us

use your wood chips for energy



Index of Advertisers

Acorn Tree and Landscape	14
Amherst Nurseries	7
Arborjet.....	15
Bandit Industries	13
Bartlett Consolidated	18
BioForest.....	16
Caluwe	7
Cleaves Company.....	13
CUES Equipment.....	9
Custom Truck One Source (FEVA)	12
Davey Resource Group	8
Eaton Farms.....	19
Favreau Forestry.....	9
Horticultural Technologies	5
Mayer Tree Service.....	17
OESCO	13
RBG Inc.....	19
Shelter Tree.....	12
Stockbridge School.....	8
Urban Forestry Solutions.....	8



at the
University of
Massachusetts
Amherst

Stockbridge School

115 Stockbridge Hall • Campus Center Way • Amherst, MA 01003

Prepare for a Career in:

NEW ENGLAND REGIONAL PROGRAM APPROVED

Arboriculture & Community Forest Management

Stand Out in the Crowd...

We offer other Career Opportunities in:

- ▶ Equine Industries
- ▶ Fruit & Vegetable Crops
- ▶ Horticulture
 - Floriculture Crop Production
 - General Horticulture
 - Management of Woody Plants
 - Retail Floral Design
- ▶ Landscape Contracting
- ▶ Turfgrass Management

100% Career Placement
Two-Year Degrees
Internships

**The Small School
with BIG
Opportunities**

(413)545-2222 • www.umass.edu/stockbridge



MEASURE
what **MATTERS**

SOLUTIONS CENTER:

- Tree Inventories
- Urban Forest Management Plans
- Master Plans
- Urban Tree Canopy Studies
- Contract Urban Foresters

CONTACT ME TO LEARN MORE:

Andy Hillman
607.339.3968 | andrew.hillman@davey.com

DAVEY 
RESOURCE GROUP
A Division of The Davey Tree Expert Company



ARBORICULTURE SERVICES
URBAN FORESTRY SOLUTIONS
PELHAM, MA

Consulting • Education • Management • Tree Care

Dave Hawkins, Consulting Arborist
35 Years Experience in Arboriculture

- Mass. Certified Arborist MCA #1425
- ISA Board Certified Master Arborist NE-0541-B
- RI Licensed Arborist #696
- American Society of Consulting Arborists, *Member*
- Mass. Tree Wardens and Foresters Assn.
Executive Board Member; Western Mass. Representative
- Tree Care Industry Association, *Member, CTSP*
Certified Tree Care Safety Professional #959

154 Buffam Road, Pelham, Massachusetts
(413) 253-4266 office (413) 237-5106 mobile
Email: dhawkufs@comcast.net www.ufstrees.com

CUES

WWW.CUESEQUIP.COM

- Shop Service
- Road Service
- Dielectric Test
- ANSI Lift Inspection
- NH State Inspection
- Lift Gate Inspection
- DOT Inspection
- Custom Color Bed Liner Application
- Truck & Equipment Paint and Body Shop
- Equipment Transfers
- Truck Repairs
- Pick Up & Delivery of Equipment
- Corner Mount Crane ANSI Inspection
- Rail Gear Inspections and Service

53 Lebanon Road, North Franklin, CT 860-886-7081

14 Caldwell Drive, Amherst, NH 603-889-4071

FROM A SINGLE BRANCH... TO THE WHOLE FOREST.

Hazardous Tree Removal, Crane Removals,
Tree Pruning, Storm Debris Reduction/Removal,
24-hour Emergency Response Services

FAYREAUFORESTRY.COM 978.706.1038 STERLING, MA

ISA CERTIFIED ARBORIST NE-6934A
TCIA ACCREDITED COMPANY MA-025

Tuesday, January 8, 2019

- 7:45-8:30 am Registration and Coffee
- 8:30-8:45 am Opening Session—Annual Meeting
- 8:45-9:15 am State Update: Urban & Community Forestry
Julie Coop, Massachusetts DCR Urban & Community Forestry Coordinator, will speak about Urban Challenge Grants, the application process and examples of projects available for funding, the Greening the Gateway Cities Tree Planting Program and more.
- 9:15-10:15 am Conducting Climbing Gear Inspections: Beyond the Basics
Melissa LeVangie, Shelter Tree. Most climbers do quick inspections of their own equipment every day because it is a “shall” in the ANSI Z133 safety standard, but how thorough is that gear inspection? Learn what is excessive wear and tear that could lead to equipment failure; understand what to look for; and create team systems to build trust and integrity in your equipment inventory.
- 10:15-11:00 am Break with Exhibitors
- 11:00-11:50 am Personal Protective Equipment (PPE): Innovations and Industry Requirements
Ed Carpenter, North American Training Solutions (NATS). Are you required to wear PPE as part of your job? Have you been properly trained in its use and maintenance? This talk will reference the ANSI Z133 and OSHA standards to describe PPE requirements, as well as innovations in PPE, to help keep workers safe and healthy in hazardous environments.
- 12:00-12:50 pm Luncheon—Banquet and Annual Meeting conclusion
- 1:00-1:45 pm BREAKOUT SESSIONS
- 1) Shifts in Bee Species Composition: Identifying and Addressing Diversity Loss. *Anne Averill*, UMass Amherst Dept. of Environmental Conservation, will summarize long-term survey results that reveal a sweeping shift in bumblebee communities, with several species now locally extinct or in decline and another risen to dominance. Focusing on these changing abundances, Dr. Averill will describe possible causes and conservation actions.
 - 2) IVM Plus. *Bill Hayes*, Eversource. The benefits of Integrated Vegetation Management (IVM) on Rights-of-Way (ROWs) are not always enough. The principal goal of all IVM programs is zero outage tolerance in ROWs and should include a comprehensive plan for hazard trees outside the ROW.
- 1:50-2:40 pm State Update: Forest Health in the Commonwealth
Felicia Andre Hubacz, Massachusetts DCR Forest Health Program, will present the latest on insects and diseases impacting the condition of the Massachusetts trees and forests.
- 2:45-3:10 pm Break with Exhibitors
- 3:15-4:15 pm The Scenic Roads Law: MGL Ch.40, Section 15C
Julie Steiner, J.D., Western New England University, with tree warden panelists *Alan Snow, Bob LeBlanc*, and *Brandon Schmitt*. Attorney Steiner will delve into the legal analysis of the Scenic Roads Law and join with active tree wardens to discuss how the scenic road designation can impact the management of the public trees along those roads.

- 4:15-4:30 pm Wrap-up—Door Prizes
- 4:30-6:00 pm Reception in Exhibit Hall Join us for a social get-together, graciously supported by our exhibitors.

Wednesday, January 9, 2019

- 8:30-9:00 am Registration and Coffee
- 9:00-10:15 am Updates to the ANSI Z133 Safety Standard 2017
Ed Carpenter, North American Training Solutions (NATS). Since its initial publication in 1972, “the Z,” as it has come to be known in the arboriculture industry, has become a collective and authoritative body of knowledge detailing best safety practices for industry professionals. This talk will highlight the significant changes made in the 2017 revision.
- 10:15-10:55 am Break with Exhibitors
- 11:00-11:50 am Trees in the Big Apple
MTWFA is excited to welcome back *Eric Seaborn*, now with the New York City Parks Department, as he shares his latest experiences as Chief of Forestry and Horticulture overseeing the nation’s largest municipal urban forestry program.
- 12:00-12:50 pm Lunch
- 1:00-1:50 pm BREAKOUT SESSIONS
- 1) Tree Safety from an OSHA Perspective. *Peter Barletta* and *Scott Kennedy*, OSHA Region 1. Our speakers will present actual OSHA-investigated fatality case studies in the tree industry; review fatality and accident trends and statistics; discuss OSHA laws and directives; and describe best safety practices to prevent these accidents.
 - 2) Integrating Tree Growth Regulators into a Vegetation Management Program. *Sara Sankowich*, Unifit, with *Brandon Hughson*, Rainbow Tree Care Company. Historically “TGRs” have had inconsistent results, but modern research has changed application methods and addressed other important factors such as formulation, timing, dosing and more. The use of paclobutrazol as a TGR treatment has now been shown effective at increasing tree health, slowing tree growth by 40-70% over four years, and saving a utility company 25-30% on tree maintenance costs in urban and suburban areas.
- 2:00-3:00 pm Pests and Pathogens of 2018
Nicholas Brazee, PhD, Plant Pathologist, UMass Extension. Dr. Brazee will review the most important pathogens over the past year and what management strategies are available to protect against disease and insect outbreaks in the future.
- 3:00 pm Door Prizes and Closing
- The conference educational program is funded by a grant from the USDA Forest Service, Urban and Community Forestry Program and the Mass. Department of Conservation and Recreation, Bureau of Forestry

2019 Conference Registration and Membership Form

Name A. _____

Name B. _____

Name C. _____

Name D. _____

Name E. _____

Organization _____

Address _____

City/State/Zip _____

Phone _____ Email _____

PRE-CONFERENCE REGISTRATION	Name A.	Name B.	Name C.	Name D.	Name E.
Member \$170	\$				
Non-member \$190	\$				
Full-time Student no charge	\$				
OPTIONAL - 2019 DUES					
Individual \$85	\$				
Commercial \$120	\$				
Student or Senior \$25	\$				
CURRENT TREE WARDEN? (place check in box)					
SUBTOTAL PER ATTENDEE	\$				
LATE REGISTRATION after Jan. 5	\$				
Member \$195	\$				
Non-member \$215	\$				

Please advise us of any special dietary needs here _____

GRAND TOTAL FROM ABOVE FOR ALL NAMES \$ _____

CIRCLE PAYMENT METHOD: check (payable to MTWFA) PO # _____

CREDIT CARD # _____

NAME ON CARD _____ **EXPIRATION:** _____ **3-DIGIT CODE:** _____

BILLING Street Address _____

BILLING City/State/Zip _____

Register by Mail, Fax, or Online at our website

MTWFA • P.O. Box 411 • Brewster, MA 02631

Phone 781-894-4759 Fax 413-315-3454 Email info@masstreewardens.org



SHELTER

TREE CARE PRODUCTS

**Trusted
Arborist
Products**

Since 1994

**800-720-8733
(TREE)**

SHELTERTree.com

CUSTOM TRUCK (1) SOURCE™



ABOUT US

Custom Truck One Source is a leading assembler of forestry aerial lift equipment. Our primary focus is on building the best aerial lift trucks for the independent tree trimming and vegetative management market.



(434) 525-2929
www.forestry.customtruck.com
forestrysales@customtruck.com
12660 E. Lynchburg Salem Tpke, Forest, VA 24551

Urban Forest Strike Team



The Massachusetts Tree Wardens' and Foresters' Association has received a 2017 honor award from the U.S. Forest Service for the category "Delivering Benefits to the American People."

The award was given to our association in recognition of our joint cooperative partnership working on the USFS Urban Forest Strike Team since the initiative was first introduced in the Northeast Area in 2009. At MTWFA's Executive Board meeting in October, John Parry formally presented Karen Doherty with an engraved plaque (shown above) and a personal recognition certificate (right).





When you're looking for Bandit Equipment, Cleaves Co. offers the

BEST - CHIPPERS & STUMP GRINDERS.
- DEALER SERVICE & SUPPORT.
- PRICES OF THE YEAR.

Cleaves Co. has been providing sales and service support to the New England area for over 25 years! Let them show you what a Bandit Chipper or Stump Grinder can do for your operation!



300 Reservoir Street, Needham, MA 02494
Phone: (781) 449-0833 • Email: info@cleavesco.com • Web: www.cleavesco.com



arborists & landscape equipment

300 Reservoir St., Needham, MA 02494
Phone 781 - 449 - 0833 - Toll Free 877 - 449 - 0833
Fax 781 - 444 - 5611
www.cleavesco.com

We Service All Makes of Wood Chippers!

- | | |
|--------------------------------------|--------------------------------|
| Bandit Industries Products | Rayco Products |
| Commercial Turf Mowers | Chain Saws |
| Climbing Supplies | Tree Anchoring Systems |
| Logging Tools | Cabling Supplies |
| Truck Loaders & Leaf Vacs | Screw Rod |
| Orchard Ladders | Tree Ropes |
| Shovels & Rakes | Safety Equipment |
| Generators | Log Splitters |
| Hand Pruners | Pole Saws & Pruners |
| Line Trimmers | Walk Behind Blowers |
| Hand Saws | Poison Ivy Products |

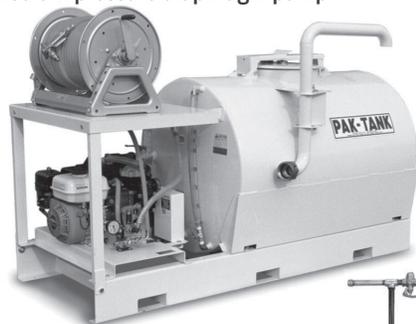
Quality 2 Cycle Products

From GRUBS to SHRUBS & majestic MAPLES

Professional tools & equipment for tree care experts

Skid Sprayers

Rears 300-gallon skid; Honda engine; medium pressure diaphragm pump.



Feeding Needle

High pressure, high volume steel pipe needle with adjustable step plate & interchangeable tips.



JAMESON

Lightweight telescoping pruners
Poles, pruner heads, and saw blades



Silky

Ultra-sharp, lightweight saws with sheaths

Hayate & Hayauchi
Telescoping Pole Saws

Gomtaro Root-Cutting Saw

Zubat Curved Saw



CALL FOR A CATALOG
800-634-5557 www.oescosinc.com
8 Ashfield Road / Rt. 116, Conway, MA 01341

Find us on Facebook

64 YEARS SINCE 1954

Supplying Growers, Gardeners
OESCO. INC.
and Groundskeeping Professionals. Since 1954.

ACORN TREE AND LANDSCAPE

DESIGN AND CONSTRUCTION OFFERING LARGE TREE TRANSPLANTING



Visit our mature specimen tree farm. Over 2,000 mature trees available to instantly establish your landscape.

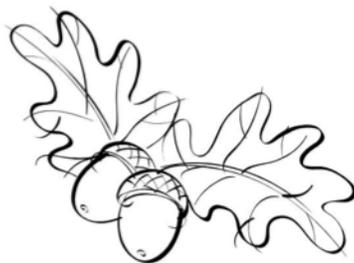
Relocate your mature plant material to create instant shade, privacy and beauty.

We offer a wide selection of mature specimen trees:

- *Japanese Maple*
- *Dogwood*
- *Beech*
- *Sugar Maple*
- *Spruce*
- *and more...*



- *MA Certified Arborist*
- *Owner Operated*
- *Horticultural Consultant*
- *Planting Plans*



***A leader in New England
in large tree & shrub
transplanting***

Harvard, MA ● Tel: 978-635-0409 ● Fax: 978-635-9840 ● acorntree@aol.com

Poster Contest

Fifth grade classes from schools across Massachusetts are encouraged to participate in the annual Arbor Day Poster Contest by having fifth-grade students create posters highlighting this year's theme and then hosting a school poster contest. The winning poster from each school can be submitted to DCR. Home-schooled or non-participating school students may submit their posters and enter the contest individually. For complete rules and guidelines, visit the Arbor Day Poster Contest page on the DCR website.

The Arbor Day Poster Contest is sponsored by the Department of Conservation and Recreation, the U.S. Forest Service, and the Massachusetts Tree Wardens' and Foresters' Association.

Massachusetts DCR Urban and Forestry Program

2019 ARBOR DAY POSTER CONTEST

Trees have Mass Appeal

All 5th grade students in Massachusetts are invited to participate in this annual contest that combines art and science.

Contest Deadline is March 15, 2019

Contact Mollie Freilicher
mollie.freilicher@mass.gov or 413-577-2966

www.mass.gov/guides/annual-arbor-day-poster-contest

Tree City USA

December 31st. It's more than just New Year's Eve. It's also the official deadline to submit applications for

Tree City USA

Tree Line USA

Tree Campus USA

Contact
mollie.freilicher@state.ma.us
for assistance and the link to an online application

ARBORJET®

Revolutionary Plant Health Solutions

Arborjet provides cutting edge solutions to the green industry's insect and disease problems. From high tech equipment to formulations that change the way we think about plant health care, Arborjet offers the tools you need to save America's landscapes.

arborjet.com

Report on Tree Mortality Workshops in Worcester and Hopedale

Public and private sector speakers met with tree wardens, public works officials, and other municipal tree employees at two recent workshops sponsored by National Grid, Massachusetts DCR, and MTWFA. Their agenda was the discussion of current and upcoming threats to public tree health, and the implications resulting from present and future widespread tree mortality.

Presenters from the Massachusetts Departments of Conservation and Recreation (DCR) and Agricultural Resources (MDAR) shared information about a number of destructive pests, focusing on the spotted lanternfly (not here yet, but soon), gypsy moth, and emerald ash borer.

Spotted lanternfly is a cicada-like insect that is expected to arrive in Massachusetts any day now. MDAR's Javier Marin reported it has been found in New York and Connecticut and in a wide area of Pennsylvania, where some growers are reporting a 90% grape loss. Mr. Marin said the spotted lanternfly is a threat to hops and fruit crops, including apples and grapes. Its feeding and secretions can destroy crops. It is also very versatile in that it feeds on 70 different species and especially likes tree-of-heaven, a weed tree that is found

lining roadsides throughout the country. Spotted lanternflies can lay their egg masses on just about any smooth surface, including cars and trucks, and are believed to have arrived in Pennsylvania on shipments of stone.

Gypsy moths are more familiar to Massachusetts. Speaker Nicole Keleher of the state's DCR Forest Health Program said gypsy moth activity has been significant the past four years and was especially heavy in 2017. Although it was less this year, she said it is expected to continue next year.

The moths have caused the deaths of many oaks, especially in southeastern Massachusetts, the northeastern part of the state, and the Quabbin Reservoir area. She said oaks can survive being defoliated three times, but they are weakened and at risk to attacks by other pests and diseases. The moths prefer oak but are also a threat to other native hardwood species, white pine, and other trees, especially when oak is not available.

Another threat just making its way into the state is the emerald ash borer. Ms. Keleher said the beetle will eventually destroy most of the ash trees in our state and in any other place it spreads. Infected ash trees are especially dangerous because they die quickly and fall to pieces soon

continued on next page

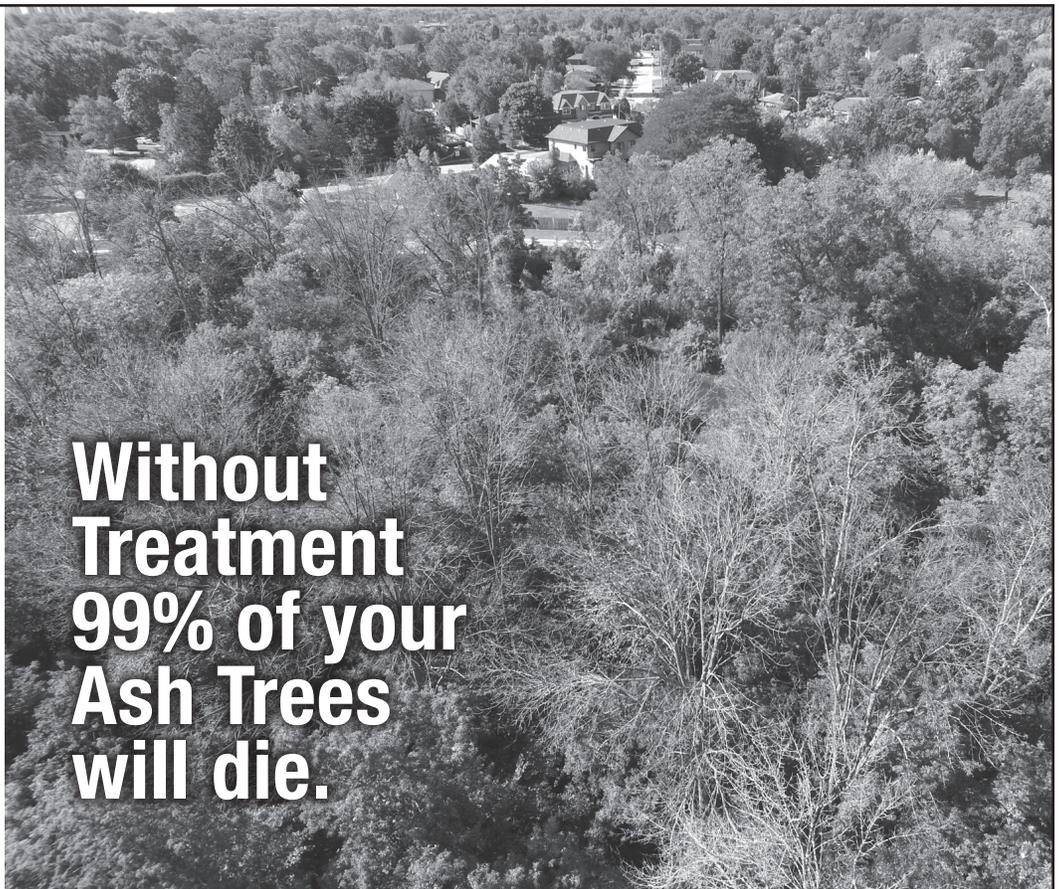
On average, **TREEAZIN^{SYSTEMIC ONE}** treatments cost less than the removal and replacement of your ash trees.

Using a science-backed approach, BioForest works with municipalities to assess and monitor outbreaks and establish treatment and removal plans that fit within your budget

For more information, please contact 1.888.236.7378 or visit bioforest.ca



Without Treatment 99% of your Ash Trees will die.



Tree Mortality Workshops - continued from previous page

after they die, posing substantial risk to the public and to those working to remove them.

Anne-Marie Moran of National Grid said the power company spends \$6 million per year addressing hazardous trees, including pruning. She said that while tree wardens are concerned about trees and branches falling in the roads, National Grid is looking to protect its distribution lines. To address this, the company trims around its lines every five years and is looking to change that to every four years. It is also seeking approval to remove 21,000 ash trees infested by emerald ash borers and 10,000 oak trees defoliated by gypsy moths. ✂

...and more bad news for oak trees

As if the pests discussed in the tree mortality workshops weren't enough, there are other new culprits around. In Sturbridge's Wells State Park, DCR's Forest Health personnel in October identified the two-lined chestnut borer, a native beetle that delivers the death knell to oaks that have sustained repeated years of stress from drought and gypsy moth defoliation. Ken Gooch, Forest Health program director for the state Department of Conservation

and Recreation, said that more than 200 dead oaks in the campground, many near Walker Pond, have been marked for removal. "At least a dozen campsites will no longer have any shade at all," Mr. Gooch said.

Earlier this month, along with two officials from the Quabbin and Ware River watersheds and two DCR foresters, Mr. Gooch spent a morning west of the Quabbin Visitors Center in a tract where defoliated oaks were dead or dying. "I found it somewhat surprising that we found only one two-lined chestnut borer in the oaks we cut down and examined at Quabbin. What we did find, however, was red oak borer, which feeds in the tree's cambium layer and eventually bores into the sapwood," he said. Mr. Gooch admitted it's often difficult to distinguish larvae in the field, and definitive identification can only be made through DNA testing in a lab, noting the adult beetles are much easier to identify. Read the full story at www.telegram.com. For more information on two-lined chestnut borer go to <https://www.forestpests.org/vd/353.html> ✂

The articles on pages 16-17 were compiled from material published in the *DCR Citizen Forester*, November 2018, and in a report by George Barnes in the *Worcester Telegram* online, December 7, 2018 at <https://www.telegram.com/news/20181207/pretty-spotted-lanternfly-insect-threat-to-beer-and-wine-making>.



Mayer
SERVICE
www.Tree.com
MAYER

Plant Health Care

Mayer
TREE SERVICE

WE'RE UP FOR ANYTHING...
Providing Tree Removal, Tree Trimming, Crane Service, Stump Grinding, Plant Health Care, Lot Clearing and Emergency Services.
Mayer Tree Service, Inc. is a one source tree service company that specializes in the removal of challenging trees.

Call Today for a FREE Estimate!!

1(888)88-MAYER | (978)768-6999
WWW.MAYERTREE.COM

We have been recovering & repairing tree & landscaping damages caused by motor vehicle crashes for 39 years at no cost for property managers.



Please call us anytime for more information or service.

= 24-HOUR EMERGENCY RESPONSE =

1-800-562-7474

Bartlett®
Consolidated LLC

— MAIN OFFICE —

Ten Aldrin Road • Plymouth Industrial Park • P.O. Box 810 • Plymouth, MA 02362

www.bartlettconsolidated.com



317 Route 27, Raymond, NH 03077
 Contact us at: (603) 895-3803

PRODUCT SALES:

DUR-A-LIFT Aerial Buckets from 34' to 57':
 Van Mounts to Material Handlers
 ARBORTECH Chip Bodies from 11 to 30 cubic yards
 READING Service Bodies, Aluminum and Steel
 BRAND FX Fiberglass Service Bodies.

www.raymondbucketguys.com



URBAN FORESTRY UNIT

The Only Class 5 Bucket Truck with
 a Chipper Box in the Industry with a
 Reach of 50 Feet.

OSHA Boom Inspections / Dielectric Testing / Road Service / New Custom Builds / Certified Remounts
 Repairs: All makes & models of repairs, hydraulic, welding, fabrication, electrical and trouble shooting.

Acer 'Autumn Blaze'

Tilia 'Sterling Silver'

Order with us to keep beautifying your communities...

Eaton Farms:

- Quality, Containerized Street & Ornamental Trees
- Reasonable delivery rates to Massachusetts
- Specialized in container material with proper grading
- Vast tree availability

Ginkgo 'Autumn Gold'

Syringa 'Ivory Silk'



Ken Roth ken@eatonfarms.com
 Eaton Farms | Ph: 610.926.1554
 P.O. Box 775 | 455 White Oak Lane
 Leesport, PA 19533



Massachusetts Tree Wardens'
and Foresters' Association
P.O. Box 411
Brewster, MA 02631

Calendar of Events

		More Information
December 31	Applications Due: Tree City USA, Tree Line USA, Tree Campus	email: mollie.freilicher@state.ma.us
January 3	Urban Forestry Today Noontime Webinar	www.urbanforestrytoday.org
January 8-9	MTWFA 106th Annual Conference Sturbridge Host Hotel + Conference Center	www.masstreewardens.org
February 7	Spotted Lanternfly Preparedness Conference Doubletree Hotel, Milford	www.umassgreeninfo.org
March 5	UMass Community Tree Conference Stockbridge Hall, Amherst Campus	www.umassgreeninfo.org
March 12	Western Mass.Tree Wardens Spring Meeting Bluebonnet Diner, Northampton	www.masstreewardens.org
April 24	Tick and Tick-Associated Diseases Conference Doubletree Hotel, Milford	www.umassgreeninfo.org
April 26	ARBOR DAY MASSACHUSETTS	www.arborday.org