

THE SHADE TREE

A BI-MONTHLY BULLETIN DEVOTED TO NEW JERSEY'S SHADE TREES

Volume 98 — November - December 2025 — Issue 11 & 12

This Issue Presents ...

2025 Index

Director's Discourse

Thank You 100th Annual Conference Partners, Sponsors, & Exhibitors

Congratulations Township of Millburn

Congratulations Emily Tuttle

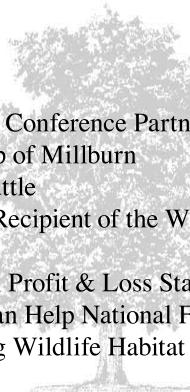
Donna Massa Named as Recipient of the William J Porter Award of
Appreciation

NJ Shade Tree Federation Profit & Loss Statement

GPS Smartphone Data Can Help National Forests Manage Recreation
While Protecting Wildlife Habitat

Season's Greetings!

Calendar of Events 2025-2026



2025 INDEX

100 Years of History: Part I	27
100 Years of History: Part II	44
100 Years of History: Part III	60
A Community Program is Transforming New York Schoolyards into Climate-Resilient Spaces	6
A Letter to the Federation RE: What's the Point?	17
<i>Amanda Roe, PhD</i>	57
Anna Kustar	6
<i>Arno Rosenfeld</i>	76
<i>Basil Waugh</i>	76
<i>Cote Perry</i>	70
<i>Dave Coyle, PhD</i>	57
Design Streets to Include Shade Trees	44
Director's Discourse	65
Does Planting Trees Really Help Cool the Planet?	66
Editorial...Looking Back- 75 Years and Still Growing	27
<i>Eric Blair</i>	25
Funding Opportunity: Trees for Schools	16
Generalist Pest Cause More Damage, Specialists Kill More Trees: Foundational Insights for C	41
Happy Arbor Day from the NJ Shade Tree Federation	35
<i>Harry E. Turner</i>	60
Holden Forests & Gardens	54
In Memoriam: Bernadine A. Michalik	16

BULLETIN OF THE NEW JERSEY SHADE TREE FEDERATION

Executive Director: Richard S. Wolowicz

Editor & Outreach Coordinator: Emily Farschon

Blake Hall, 93 Lipman Drive, New Brunswick, NJ 08903

Telephone: (732) 246-3210 Fax: (732) 640-5289

e-mail: trees@njstf.org

www.njstf.org

ISSN # 0037-3133

Index

Continued from page 81

<i>Jason Grabosky</i>	17
Jen Shin	6
<i>Leigh Greenwood, MS</i>	57
<i>Lindsey Purcell</i>	3
<i>Lindsey Purcell</i>	1
Looking Forward to our Centennial Celebration	34
<i>Matthew Borden</i>	20
More than 1 in 3 Tree Species are at Risk of Going Extinct, New Analysis Shows	69
Mr. T – I Have a Tree!	60
New Study Confirms Beech Leaf Disease Threatens European Beech Trees, Too	54
NJ Shade Tree Federation 100th Annual Conference October 16-17, 2025	33
NJ Shade Tree Federation Officers and Directors for 2024-2025	14
NJ Shade Tree Federation Profit & Loss Statement	10
<i>Rachel Ramirez</i>	69
Randolph's Liberty Tree: A Legacy Lives On	25
Registration Open: NJ Shade Tree Federation 100th Annual Conference	49
Reminder: Community Tree Project Award & Scholarship Applications Due by June 30th	34
<i>Richard Wolowicz</i>	27
<i>Richard Wolowicz</i>	35
<i>Richard Wolowicz</i>	65
Spotlight on Beech Leaf Disease	20
<i>Stanley A. McIntosh</i>	44
<i>The Morton Arboretum</i>	45
To See a Tree	45
Transformative Impact of the 3-30-300 Rule on Urban Living	51
What do Trees do in the Winter?	1
What Makes a Successful Place?	38
What to do about a Sidewalk Damaged by Tree Roots	70
Why People Reject City Trees	76
Winterize your Trees	3



DIRECTOR'S DISCOURSE

By Richard Wolowicz

We just came off our 100th Annual Meeting. I simply can't believe that the Federation has been going strong for a century! Just think of the speakers, the topics, the fellowship, the laughs and the tears. I am awed when I think about the conferences that I was able to attend and meeting all of the dedicated people who share a common interest. Think of the changes: rope saddles, ladders to reach the tree canopy, bucket trucks, chippers. Now we have spider lifts, knuckle booms and remotely operated stump grinders.

To our previous and current leaders we are all thankful for making such a profound impact in the industry.

Here are some interesting facts about those working to make the tree world a bit better:

- 573 people registered for the conference,
- 643 people were in attendance,
- 14 different speakers,
- 3 panel discussions,
- 1,808 hours of NJUCF CEUs were awarded,
- 1,633 hours of NJLTE and LTCOs CEUs were awarded,
- 455 hours of ISA CEUs were awarded,
- 25 exhibitors filled the exhibit hall,
- The Meet & Greet provided an opportunity for attendees, speakers and exhibitors to mingle,
- The Township of Millburn was awarded the Tree Project Award,
- Rutgers Student, Emily Tuttle was awarded the Bill Porter Arboricultural Scholarship,
- The NJUCF Award of Achievement for an individual was awarded to Natalie Limon
- The NJUCF Award of Achievement for a nonprofit was awarded to the Metuchen Tree Ambassador Program represented by Kenneth Sammond
- The J. Sterling Morton Award was awarded to James Cunningham

As with any meeting, putting on such a show takes a lot of work. Many hours were spent on planning the conference, the location, the speakers, the program books, speaker travel coordination and CEU tracking. From Board Members, to the Rutgers Forestry Club, to volunteers I say a big THANK YOU.





FIND YOUR CREW

"STABILITY, EXCELLENT TRAINING, STRONG SAFETY CULTURE, RELIABLE EQUIPMENT, SUPPORTIVE TEAMS".... THESE ARE JUST SOME OF THE THINGS OUR TEAM MEMBERS SAY ABOUT WORKING AT ASPLUNDH. IF YOU ARE LOOKING FOR AN EXCITING OPPORTUNITY TO ADVANCE IN A CAREER WHERE YOUR DEDICATION, SKILLS AND EXPERTISE ARE VALUED, CONTACT US TODAY.



ASPLUNDH
ASPLUNDH.COM 1.800.248.TREE

STRONG

Scan to
apply today!



Asplundh is an Equal Opportunity Employer

THANKS TO OUR PARTNERS & SPONSORS

The Executive Board wishes to extend their appreciation to the generous partners and sponsors for making the 100th Annual Conference possible!

ALTEC INDUSTRIES
ASPLUNDH TREE EXPERT, LLC
DAVEY RESEARCH GROUP
DAVEY TREE EXPERT CO.
DOWNES TREE SERVICE
MODERN EQUIPMENT & SUPPLY
NJ ARBORISTS ISA
NJ DEP, NJ FOREST SERVICE
NJ FOREST SERVICE, URBAN & COMMUNITY FORESTRY PROGRAM (NJUCF)
NJ TREE FOUNDATION
NORTHEASTERN ARBORIST SUPPLY
PLEASANT RUN NURSERY
RICHVIEW CONSULTING
RUTGERS URBAN FORESTRY PROGRAM
SHADE TREES NURSERY
SITEONE LANDSCAPE SUPPLY
USDA, FOREST SERVICE

Thank you to the following organizations for participating in the 100th Annual Conference exhibit hall!

ALTEC INDUSTRIES	THE DOGGETT CORPORATION
ASPLUNDH TREE EXPERT, LLC	DOWNES TREE SERVICE
BARTON NURSERIES	FERNBROOK NURSERY INC.
CERBO'S NURSERIES	MODERN EQUIPMENT & SUPPLY
CUSTOM TRUCK ONE SOURCE	NJ ARBORISTS CHAPTER OF THE ISA
DAVEY RESOURCE GROUP	NJ FOREST SERVICE, URBAN & COMMUNITY
DAVEY TREE EXPERT CO.	FORESTRY PROGRAM (NJUCF)
NJ TREE FOUNDATION	RUTGERS URBAN FORESTRY PROGRAM
NORTHEASTERN ARBORIST SUPPLY	SHADE TREES NURSERY
PINELANDS NURSERY	SITEONE LANDSCAPE SUPPLY
PLANT DETECTIVES	SUSTAINABLE JERSEY
PLEASANT RUN NURSERY, INC.	TIDBURY CREEK FARMS & NURSERY
RAINBOW ECOSCIENCE	TUCKAHOE NURSERIES, INC
RICHVIEW CONSULTING	

CONGRATULATIONS TOWNSHIP OF MILLBURN!

The Township of Millburn was selected as the 2025 William J. Porter Community Tree Project Award Winner. NJ Shade Tree Federation Education Committee Chair Neil Hendrickson and Liz Stewart presented the award to Stacie Phelps, Forester of Millburn Township on October 16, 2025, at the NJ Shade Tree Federation's 100th Annual Conference.

The William J. Porter Community Tree Project Award is intended to provide up-front funding for a small project to benefit the tree resource in your community. The Federation review committee noted that this year's applications featured an impressive range of creativity. Thank you to all the NJ towns & organizations who applied.

The Federation recognized the Township of Millburn as the 2025 winner and is pleased to share the following summary of the project:

Millburn Township proposes a reforestation project in Taylor Park to address the decline of a stand of ash trees that have served as a critical stormwater management asset in an area known for frequent flooding. Despite extensive efforts to preserve these trees through years of emerald ash borer treatments, they have begun to decline, necessitating proactive planning for their eventual loss.

By planting a diverse selection of native, flood-tolerant trees, the project will help mitigate flooding risks in a vulnerable area of the park, preserving recreational space for residents and protecting surrounding infrastructure.

This initiative will also provide an opportunity to educate the community about the importance of urban forestry, the threat of invasive pests like the emerald ash borer, and the vital role that trees play in flood control and climate resilience. The planned educational signage and community planting day will engage residents in the project, fostering a sense of ownership and stewardship over the park's natural resources.

Furthermore, the project aligns with the community's broader goals of enhancing public green spaces, promoting environmental sustainability, and maintaining Millburn's tree canopy for future generations.

The review committee noted that Millburn's project demonstrated the community's resilience when faced with the challenge of EAB ash tree loss. The chosen location is a small stand located within a very publicly accessible recreation area of the Township. Their proactive approach and extensive planning in revitalizing this forested corner of the park will yield significant long term benefits to the community. The NJ Shade Tree Federation is proud to support the township of Millburn's efforts.



DOGGETT

The Fertilizer Company

Promoting sustainable arboriculture, plant, and soil health since 1940.

At Doggett, we understand the importance of creating a healthy forest floor in urban environments to maintain thriving landscapes. Our commitment lies in developing top-quality products specifically designed for tree care professionals, ensuring the best possible formulations for trees and soils.

To explore our comprehensive range of offerings, please visit our website.

(800) 448-1862 | doggettcorp.com

CONGRATULATIONS EMILY TUTTLE!

Emily Tuttle was selected as recipient of the 2025 William J. Porter Arboriculture Scholarship. NJ Shade Tree Federation Education Committee Chair Neil Hendrickson and Liz Stewart presented the award to Emily, a Rutgers undergraduate student majoring in Ecology, Evolution, and Natural Resources, on October 16, 2025, at the NJ Shade Tree Federation's 100th Annual Conference.

The William J. Porter Arboriculture Scholarship is awarded to encourage studies and careers in Arboriculture and Urban Forestry.

The review committee noted that Emily's essay, which described experiences of participating in a tree inventory research project, echoed a love for discovery, interest in science communication, and expressed newfound appreciation for the hidden wealth of benefits provided by and diversity in our community forests and public greenspaces.

Emily states, "As trees cannot speak for themselves, it is up to us humans to speak for them, which I plan on dedicating myself to for the rest of my life."

The NJ Shade Tree Federation is proud to help support Emily Tuttle's current studies and future research career.

WILLIAM J PORTER AWARD OF APPRECIATION HONOREE -DONNA MASSA

Every year, the NJ Shade Tree Federation has the privilege of acknowledging someone who has made great contributions to tree management, arboriculture, ecology, tree care, and/or urban forestry. This distinctive honor is made by the presentation of the William J. Porter Award of Appreciation. It is fitting to acknowledge our new honoree with the namesake of another person who has made countless achievements in the environment which specifically supports the tree industry.

During the NJ Shade Tree Federation's 100th Annual Conference, The William J Porter Award of Appreciation was presented to Donna Massa.

Many of you know Donna Massa. She is the energizer bunny that was probably the role model for the battery commercials. An accountant by trade, Donna took over the reins as Executive Director of the Federation after Bill Porter retired. She breathes and lives for the Federation, yes even now, when she is in her Emeritus Status. Donna has always been a strong advocate for education and promoting the Federation to be in a position to meet the needs of our membership.

Donna Massa is an example of leadership and dedication to the arboricultural profession. She truly deserves being honored as the recipient of the 2025 William J Porter Award of Appreciation.

Congratulations Donna!

NJ SHADE TREE FEDERATION PROFIT & LOSS STATEMENT

October 2024 through September 2025

Income

Dues

Associate	130.00
Commercial	1,780.00
Industrial	6,500.00
Municipal	24,720.00
Total Dues	33,130.00

Earned Revenues

Interest-savings/short-term inv	242.79
Total Earned Revenues	242.79

Outreach Coordinator	35,000.00
----------------------------	-----------

Publications

“The Shade Tree” Ads	2,780.00
Laws for NJ Trees	24.00
Laws of NJ	12.00
Mulch Brochure	30.00
Soils for NJ Trees	12.00
Trees for NJ Streets	72.00
Publications- Other	270.00
Total Publications	3,200.00

Special Events

Annual Conference 2023

2023 Registrations	1,380.00
Total Annual Conference 2023	1,380.00
Total Special Events	1,380.00

Special Events Annual Mtng 2024

2024 Meeting Sponsor	1,000.00
Exhibitors	1,550.00
Exhibitors Extra Staff Reg	1,200.00
Meet & Greet	500.00
Registrations	115,423.00
Special Events Annual Mtng 2024 - Other	1,940.00
Total Special Events Annual Mtng 2024	121,613.00

Special Events Annual Mtng 2025

Exhibitor	17,525.00
Meeting Sponsor	36,500.00
Program Book Ads	5,450.00
Registrations	47,590.00
Special Events Annual Mtng 2025- Other	51,042.50
Total Special Events Annual Mtng 2025	158,107.50
Uncategorized Income	307.12
Total Income	352,980.41
Gross Profit	352,980.41

NJ SHADE TREE FEDERATION PROFIT & LOSS STATEMENT

Continued from page 89

Expense

“The Shade Tree”

Printing	8,550.74
Total “The Shade Tree”	8,550.74

Annual Meeting 2024

Annual Meeting 2024 Hotel	86,508.33
Annual Meeting 2024 Pipe & Drap	5,985.00
Audio Visual	18,443.00
Honorariums	3,200.00
Misc expense	7,528.62
Printing	2,066.95
Registration Return	1,350.00
Scanners	1,987.30
Speaker Travel	1,019.24
Supplies, Signs	3,748.40
Total Annual Meeting 2024	131,836.84

Annual Meeting 2025

Give Aways	5,620.60
Hotel	1,000.00
Refunds	1,105.00
Supplies and Printing	2,790.76
Total Annual Meeting 2025	10,516.36

Awards & Scholarships

Bill Porter Scholarship(s)	5,000.00
---	-----------------

League of Municipalities

Exhibit Booth	849.75
Meals	608.69
Parking	136.84
Rooms	1,241.43
Travel & Tolls	755.90
League of Municipalities – Other	1,472.26
Total League of Municipalities	5,064.87

Misc expenses

Membership dues - organization	2,500.00
Misc expenses - Other	0.00
Total Misc expenses	2,500.00

Office expenses

Accounting Fees	3,573.30
Annual Report	33.00
Credit card processing fee	3,462.72
Executive Board Meetings	984.38
Executive Director Expenses	80.47

Insurance

General Liability	3,770.00
-------------------------	----------



TIMMERMAN EQUIPMENT COMPANY

3554 Route 22 West

PO BOX 71

Whitehouse, NJ 08888

www.timmermanequipment.com

Proud Member and Sponsor of the
New Jersey Shade Tree Federation

Altec
ENVIRONMENTAL PRODUCTS

WOOD CHIPPERS



Altec

**FORESTRY
TRUCKS**



DURATECH[®]

**Tub & Horizontal
GRINDERS**



SALES PARTS SERVICE
(908) 534-4126 (908) 534-2320 FAX

NJ SHADE TREE FEDERATION PROFIT & LOSS STATEMENT

Continued from page 90

Workman's Compensation	420.00
Total Insurance	4,190.00
Parking Permits	334.88
Postage	854.94
Printing, Postage, Stationery	2,491.14
Public Outreach	52.77
Software	2,503.40
Supplies	925.11
Telephone & telecommunications	1,354.08
Website	895.13
Office expenses - Other	48.85
Total Office expenses	21,784.17
Other personnel expenses	
Temporary help - contract	1,143.75
Total Other personnel expenses	1,143.75
Salaries & related expenses	
Employee benefits – not pension	3,954.88
Executive Director	13,000.00
Outreach Coordinator	47,942.85
Total Officers & directors salaries	60,942.85
Payroll taxes	
Federal Withholding	15,369.17
NJ Family Leave	165.86
NJ State Withholding	3,750.44
Payroll taxes - Other	550.51
Total Payroll taxes	19,835.98
Salaries & related expenses - Other	391.35
Total Salaries & related expenses	85,125.06
Travel & meeting expenses	
Conference, convention, meeting	2,782.27
Travel	251.91
Total Special Events	445.26
Total Travel & meetings expenses	3,479.44
Total Expense	276,549.46
Net Ordinary Income	76,430.95
Net Income	76,430.95



GPS SMARTPHONE DATA CAN HELP NATIONAL FORESTS MANAGE RECREATION WHILE PROTECTING WILDLIFE HABITAT

By Mark Ditmer, USDA Forest Service, May 29, 2025

Have you ever hiked outdoors and wondered if your behavior affects the wild animals that might be concealed in the forest around you? Until recently, it has been near-impossible to measure these complex interactions. But now, scientists have shown that anonymized data collected from smartphones — or “human mobility data” — is a promising way to monitor when and where people move across wild places. This can help land managers in their efforts to keep landscapes connected for both people and wildlife.

Recreation is a major draw to our national forests and grasslands which means that there is a need for information that can be used to prevent and predict human-wildlife conflicts. This new research does just that. The scientists combined cougar GPS collar data with human mobility data in California’s Sierra Nevada Mountains to pinpoint where people and predators were most likely to cross paths — valuable knowledge for keeping both people and big cats safer. In Wyoming’s Teton Range, human mobility data revealed where people came close to or within bighorn sheep wintering zones, which can help managers fine-tune seasonal closures or redirect human activity to minimize animal stress during harsh winters. This type of data can also be used along major wildlife migration corridors to fine-tune conservation planning, among many other benefits.

“Human mobility data provides a new lens to see how wild animals respond to differing levels and types of human presence,” said Mark Ditmer, a research ecologist with the Rocky Mountain Research Station. “It gives land managers powerful new tools to protect animals and wild spaces while informing both recreation and wildlife management.”

Note: You can read the full journal article “A case for human mobility data applications in wildlife management” online here: <https://research.fs.usda.gov/treesearch/69289>



SEASON'S GREETINGS!

The Executive Board and Directors of the New Jersey Shade Tree Federation wish to thank everyone for their support over the past year. Best Wishes are being extended for a Happy Holiday Season. May the New Year be healthy, happy and prosperous to each and every one of you!

CALENDAR OF EVENTS 2025

December 10, 2025: NJSTF Tree Talk Zoom— 7:00-8:30 pm

October 22-23, 2026: NJ Shade Tree Federation 101st Annual Conference, Cherry Hill, NJ



973-837-1390 phone
973-837-1391 fax

Northeastern
ARBORIST SUPPLIES

50 NOTCH ROAD
WEST PATERSON, NJ 07424



At Aspen Tree Expert Co., Inc., we care about your trees as much as you do. We are fully licensed, insured, and proudly serve Monmouth, Ocean, Middlesex, Mercer, and Burlington counties.

Our Services:

- ✓ TREE PRUNING
- ✓ TREE REMOVAL
- ✓ STUMP GRINDING
- ✓ TREE EVALUATIONS
- ✓ COMMERCIAL SERVICES

Certified Experts:

- ✓ LICENSED AND INSURED
- ✓ FIRST AID AND CPR
- ✓ FLAGGER CERTIFIED
- ✓ LINE CLEARANCE QUALIFIED
- ✓ CHAINSAW AND CHIPPER SAFETY



*Your trusted partner for
all your tree care needs*

(732) 928-5747

**671 Wright Debow Rd.
Jackson, NJ 08527**



aspen-tree.com



**The New Jersey
Shade Tree Federation
Blake Hall
93 Lipman Drive
New Brunswick, N.J. 08901**

Non Profit Organization
U.S. POSTAGE
PAID
New Brunswick, NJ 08901
Permit 50520



Arboricultural & Forestry Services

www.RichViewConsulting.com

Richard S. Wolowicz
Rich@RichViewConsulting.com

*Serving Municipal, Utility, and
Private Clients*