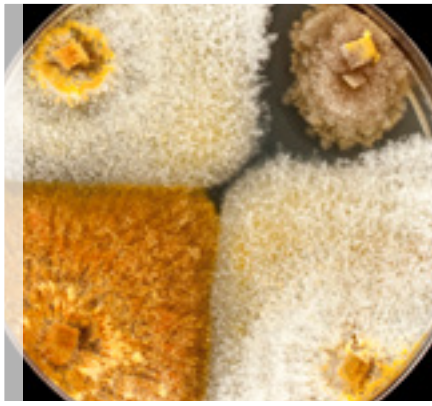


---

THE  
BEST TIME  
TO PLANT  
A TREE WAS  
20 YEARS AGO,  
THE SECOND  
BEST TIME  
IS NOW.  
CHINESE PROVERB

---



ANNUAL REPORT  
**THE AMERICAN  
CHESTNUT  
FOUNDATION**  
July 1, 2020  
—  
June 30, 2021



**TABLE OF  
CONTENTS**

Chairman's Letter ..... 1

Science Report ..... 2

Regional Accomplishments ..... 6

Chestnut Chat Series ..... 11

Our Donors ..... 13

Legacy Tree ..... 19

Financials ..... 21

---

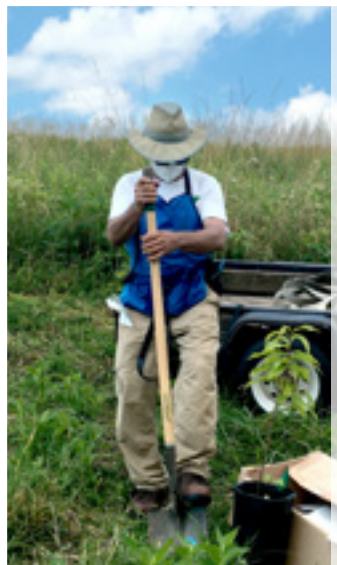
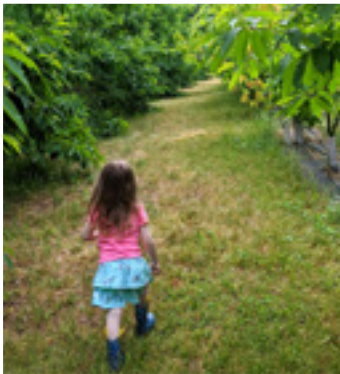




**WILLIAM J. CUDE III  
CHAIRMAN**



**CHAIRMAN'S  
LETTER**



For the last 35 years TACF pursued a solution to the chestnut blight through backcross breeding. This effort was guided by sound scientific principles of the time. To execute its strategy, TACF assembled an enthusiastic army of "citizen scientists." Thousands of dedicated volunteer hours allowed for great progress at a relatively low cost.

Our original backcross breeding program has yielded important information and results, but we can now do infinitely more utilizing the advanced science of genomics. However, much of this new genomics research is being done in a lab, not in an orchard. Even with costs coming down rapidly, the research necessary to achieve our mission will cost millions of dollars. To complement the work of our chapters and volunteers, TACF will grow into an organization that can increase its funding of advanced genetic research at private labs and universities.

**In order to secure these financial resources, we propose the following:**

- Refine our vision to make it attractive to a larger set of investors and philanthropists without losing focus on our core mission.
- Continue to refine and define our scientific processes to describe a logical process for achieving our goals and do it in a succinct and understandable manner suitable for new audiences.
- Expand our government relations capability. This will help us in our dealings with regulatory agencies, and it will be crucial as we pursue larger sources of government funding.

TACF has a great reputation as a leader in species restoration. We believe our work can and will be used to help rescue other threatened tree species. A restored American chestnut will become a symbol for the conservation and ecological restoration of the eastern hardwood forest.

There was a time when our dream of restoring the American chestnut was relatively unknown beyond our original founders. Nearly 40 years later, TACF is now a financially secure and highly respected organization whose vision and mission have received national exposure from major media outlets. We've come a long way.

I want to thank Dr. Brian McCarthy for his past leadership as Chair. With Brian's support, TACF continued to embrace emerging science and technology. As the science continues to evolve, TACF will evolve with it. But our goal remains the same - to see the American chestnut restored in our lifetime.

William J. (Jay) Cude III  
Chairman, Board of Directors

SCIENCE  
REPORT

July 1, 2020  
–  
June 30, 2021

THE  
MARRIAGE OF  
BIOTECHNOLOGY  
AND  
BREEDING

### Enhancing disease resistance and genetic diversity in the American chestnut restoration population

The American Chestnut Foundation's (TACF) breeding program and the State University of New York College of Environmental Science and Forestry (SUNY-ESF) biotechnology program have historically been pursued in parallel to enhance blight resistance in American chestnut. There are synergistic advantages in merging these programs including accelerated diversification of blight-resistant populations, potential for higher levels of blight resistance, and the ability to generate American chestnut trees with resistance to both chestnut blight and Phytophthora root rot. We summarize our plans to merge biotech with breeding while also continuing to pursue these approaches in parallel.

#### Accelerated production of genetically diverse blight-resistant seed:

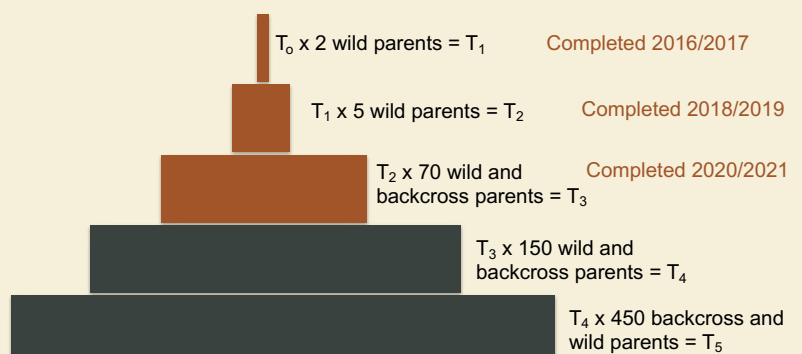
Our collaborators at ESF have created the blight-tolerant Darling 58 variety of American chestnut by inserting an oxalate oxidase (OxO) gene from wheat into the genome of a single American chestnut tree from New York. Through breeding simulations, we learned that Darling 58 and its offspring will need to be bred with a genetically

diverse sample of approximately 700 American chestnut trees over five generations to enhance the blight-tolerant population's capacity to adapt to a large geographic range and a changing climate (Westbrook et al. 2020). We have now completed the third generation of breeding Darling 58 with other American chestnuts (**Figure 1**).

Our collaborators at ESF and the University of New England have accelerated the generation time to one to two years by inducing seedlings to produce pollen in their first growing season with long day treatments (Baier et al. 2012). With the advent of speed breeding and efficient pollen production, the major bottleneck has become the

FIGURE 1: Five generation breeding plan to increase the genetic diversity and minimize inbreeding in the blight-tolerant population derived from the Darling 58 founder. As of 2021, ESF and TACF completed the first three ( $T_1$ ,  $T_2$ , and  $T_3$ ) generations of breeding and are beginning the fourth generation.

By Jared Westbrook,  
TACF Director of Science;  
Vasily Lakoba,  
TACF Director of Research,  
Meadowview Research Farms;  
and Israel Golden,  
TACF Stanback Intern,  
Duke University





accessibility of a genetically diverse collection of flowering American chestnut mother trees.

Using backcross hybrids and the current population of wild trees conserved in orchards alleviates this bottleneck and accelerates the diversification of the blight-tolerant population. For the past 35 years, TACF has rescued genetic diversity from wild populations via backcross breeding or collecting wild (non-hybrid) seed from trees ranging from Maine to Alabama (Figure 2; Fitzsimmons, 2017). TACF volunteers have planted seed from these trees in orchards and many are now flowering. The orchard accessibility of flowering mother trees enabled us to begin breeding to diversify the blight-tolerant Darling 58 population in 2019. Since then, we have bred second

generation Darling 58 offspring with more than 75 backcross hybrids and wild American chestnut trees conserved in TACF orchards. We have now planted thousands of transgenic blight-tolerant seedling progeny in multiple orchard locations. The blight-tolerant offspring are currently regulated by the USDA and cannot be distributed to the public at this time; however, we are optimistic that regulatory approval will be granted to distribute Darling 58 offspring in the next few years. The seedlings planted this year will likely take decades or more to grow large enough to produce substantial quantities of blight-tolerant seed via open pollination. As the Chinese proverb wisely states, “The best time to plant a tree was 20 years ago, the second best time is now.”

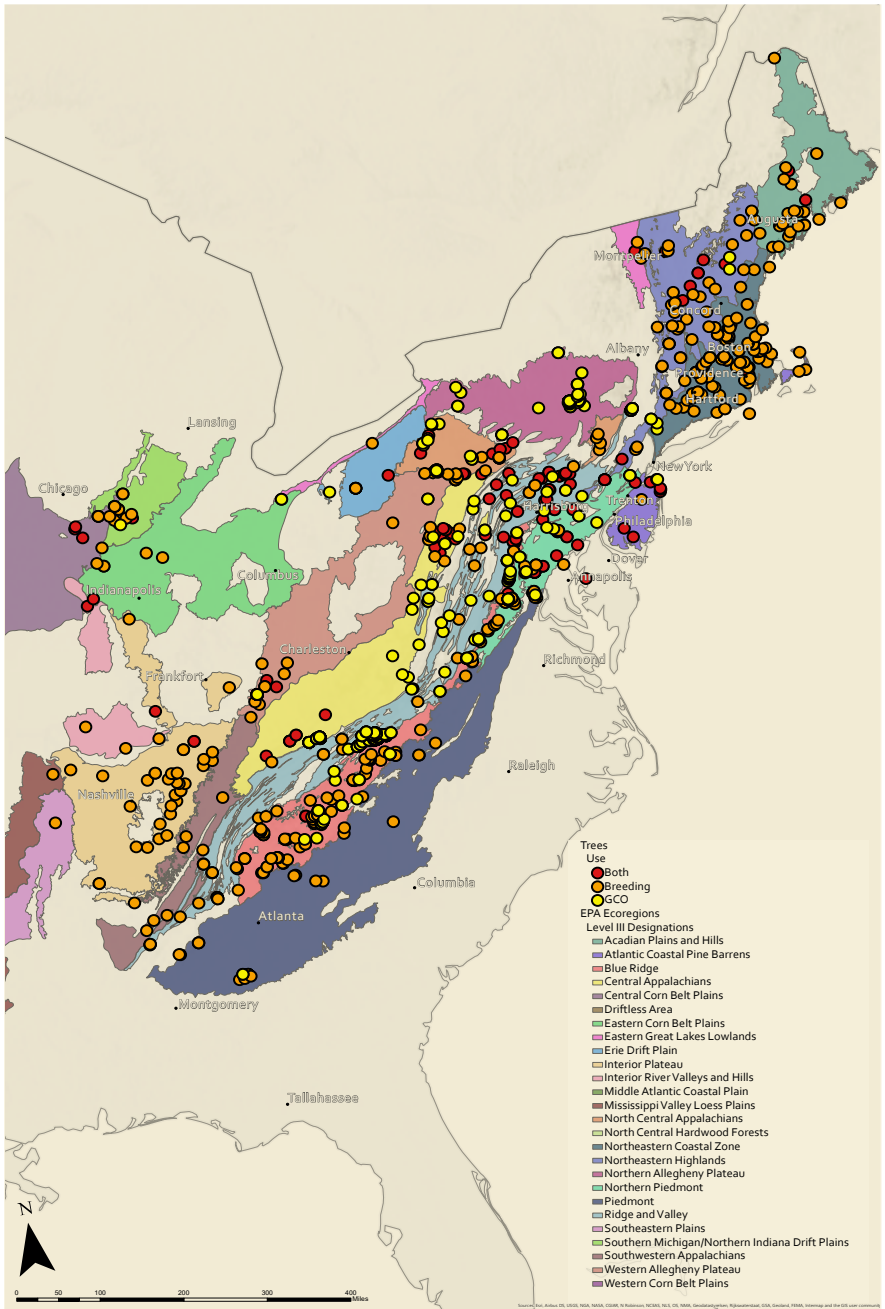
**Synergies from crossing ‘Darling 58’ with backcross trees:**

We are currently performing three types of crosses between American chestnut backcross trees and Darling 58 offspring to capture additional genetic diversity, enhance blight resistance, and combine blight and root rot resistance (Figure 3).

**1 Darling 58 x high percentage American hybrids:** Using backcross hybrids as mother

trees for Darling 58 crosses enables us to rescue a wider base of genetic diversity as compared to using

**FIGURE 2: Map of wild American chestnut trees that TACF has used as parents for backcross breeding and germplasm conservation orchards. Wild trees were plotted onto ecoregions from the Environmental Protection Agency by Israel Golden.**



only the smaller subset of wild trees in our germplasm conservation orchards (GCOs; Figure 2).

There are potential ecological tradeoffs from introducing Chinese chestnut genes (via hybrids

parents) into the population, including reduced height growth and reduced cold tolerance

SCIENCE  
REPORT

July 1, 2020

June 30, 2021

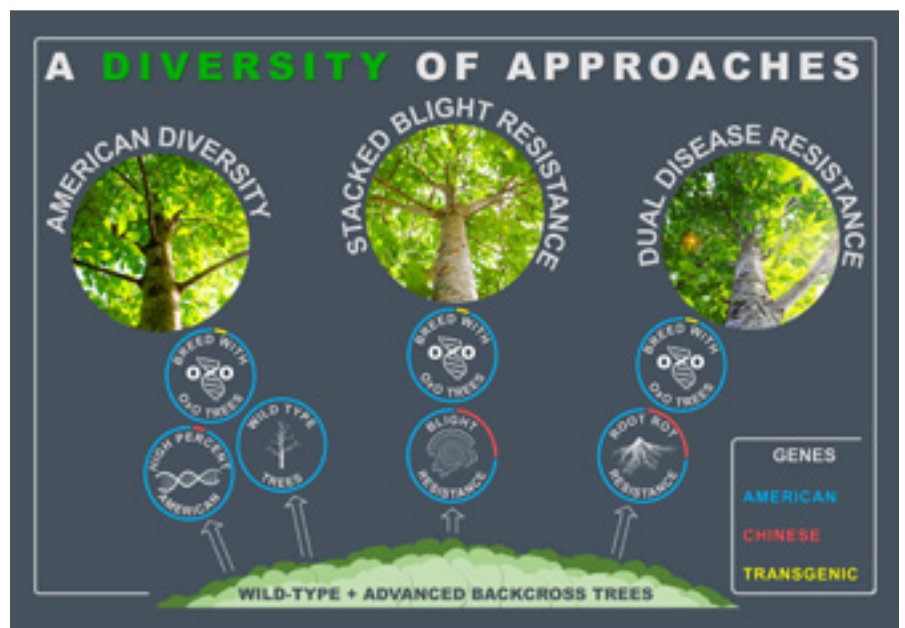
(Thomas Van Gundy, 2016; Gurney et al. 2011). To minimize potential tradeoffs, we are restricting a subset of our Darling 58 crosses to hybrids that inherited > 95% of their genome from American chestnut. The offspring will inherit negligible percentages of their genome from Chinese chestnut (< 2.5%) and are expected to be indistinguishable from American chestnut. Through a collaborative genotyping effort with Virginia Tech, we identified 440 hybrids with >95% American chestnut genome inheritance that are offspring of 174 wild trees. We are also crossing

Darling 58 with wild trees conserved in orchards and we are encouraging our chapters to help us find and propagate additional wild American chestnuts so we can further diversify the blight-tolerant population.

② **Darling 58 x blight-resistant hybrids:** Trees that we reintroduce into the forest will need to have high levels of blight resistance to be competitive. The blight resistance of Darling 58 offspring has not yet been assessed over long time periods and in multiple environments. It is possible that we will need to further improve blight resistance. Therefore,

we are breeding Darling 58 offspring with a subset of our most blight-resistant backcross trees to combine OxO with Chinese chestnut genes for blight resistance. We have identified approximately 50 potential mother trees from TACF's chapters that have exceptional blight resistance and that inherited 75% to 90% of their genome from American chestnut (**Figure 4**). In the subset of stacked resistance Darling 58 lines, we will aim select offspring with enhanced blight resistance relative to progeny of crosses with wild trees, while also increasing

FIGURE 3: Crosses between Darling 58 and wild-type or backcross trees (A) represent genetic diversity from wild-type populations, (B) stack OxO with Chinese chestnut genes for blight resistance, and (C) combine resistance to chestnut blight and Phytophthora root rot.





American chestnut genome inheritance relative to the hybrid parents.

### 3 Darling 58 x root rot-resistant hybrids:

Phytophthora root rot (PRR), caused by the water mold *Phytophthora cinnamomi*, is a threat to American chestnut populations in previously cultivated soils where this pathogen has been introduced. Historically, *P. cinnamomi* has been limited to the Southern U.S. but it is expanding northward due to warming winter temperatures (Burgess et al. 2017). Through collaboration with the U.S. Forest Service and Clemson University, we have identified approximately 100 hybrids from TACF's breeding program that inherited resistance to PRR from Chinese chestnut and between 80% and 95% of their genome from American chestnut. We have

begun breeding Darling 58 offspring with our PRR-resistant backcross hybrid to combine resistance to blight and root rot. We will likely need two generations of breeding and selection to generate trees with high levels of resistance to both diseases. The first generation will at best, inherit intermediate resistance to root rot because the Darling 58 parent is susceptible to PRR. Resistance to root rot will be enhanced by intercrossing first generation progeny and intensively selecting a subset of second generation trees that inherited OxO and PRR resistance genes from both parents.

The development of the Darling 58 trees by ESF researchers represents the most promising approach to date for enhancing the blight tolerance of American chestnut. TACF's efforts in

backcrossing and conserving wild trees in orchards has positioned us to introduce the OxO blight tolerance trait into a genetically diverse population within the next decade. Using backcross hybrids as mother trees also enables us to enhance disease resistance potential by combining OxO with Chinese chestnut genes for blight and root rot resistance. We are also interbreeding select chestnut hybrids that combine blight resistance and American chestnut traits so that we can continue to offer traditionally bred trees for restoration. We are hopeful that in pursuing a diversity of approaches, we will ultimately be successful in restoring a genetically diverse and disease-resistant population of American chestnut to Eastern U.S. forests.

FIGURE 4: Examples of backcross trees with exceptional blight resistance. Pictured from top to bottom: David Morris (TVA Orchard, Alabama), Martin Cipollini (Berry Orchard, Georgia), and Jamie Van Clief and Tom Saielli (Cochran Orchard, Tennessee).



#### LITERATURE CITED

- Baier, K. M., Maynard, C. A., & Powell, W. A. (2012). Early flowering in chestnut species induced under high intensity, high dose light in growth chambers. *Chestnut, The Journal of The American Chestnut Foundation*, 26, 8-10.
- Burgess, T. I. et al. (2017) Current and projected global distribution of *Phytophthora cinnamomi*, one of the world's worst plant pathogens, *Global Change Biology*, 23(4), 1661-1674.
- Fitzsimmons, S. 2017. Conservation of wild American chestnut germplasm through germplasm conservation orchards. *Chestnut, The Journal of The American Chestnut Foundation*, 31:2, 16-21.
- Gurney, K. M., Schaberg, P. G., Hawley, G. J., & Shane, J. B. (2011). Inadequate cold resistance as a possible limitation to American chestnut restoration in the Northeastern United States. *Restoration Ecology*, 19(1), 55-63.
- Thomas-Van Gundy, M., Bard, J., Kochenderfer, J., & Berrang, P. (2016). Mortality, early growth, and blight occurrence in hybrid, Chinese, and American chestnut seedlings in West Virginia. Proceedings of the 20th Central Hardwood Forest Conference, Columbia, MO.
- Westbrook, J.W., Holliday, J.A., Newhouse, A.E., Powell, W.A. (2020). A plan to diversify a transgenic blight-tolerant American chestnut population using citizen science. *Plants, People, Planet* 2:84-95.



REGIONAL  
REPORT

July 1, 2020

–  
June 30, 2021

THE IMPORTANT

ROLE OF

VOLUNTEERS

IN THE

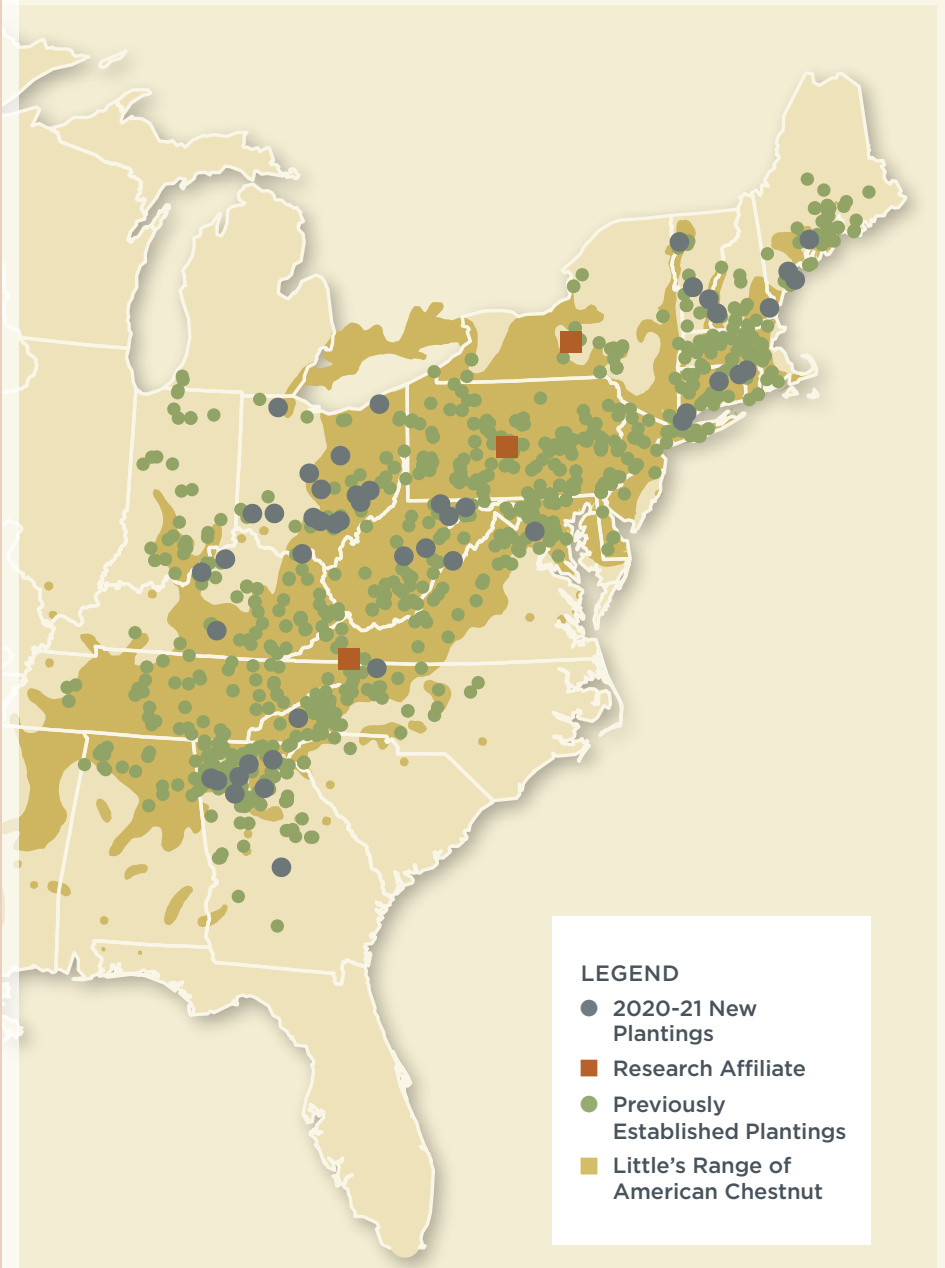
RESTORATION

OF THE

AMERICAN

CHESTNUT

The American Chestnut Foundation consists of sixteen state chapters and thousands of volunteers, all of whom play an important role in the restoration of the American chestnut. Each year, regional volunteers dedicate countless hours to new plantings, orchard maintenance, and outreach activities to ensure that future generations will experience the splendor of this iconic tree. Despite challenges posed by the COVID-19 pandemic, TACF state chapters have remained strong, active, and safe thanks to the commitment of these dedicated stewards.



### North Central Region: OH, NY, PA/NJ

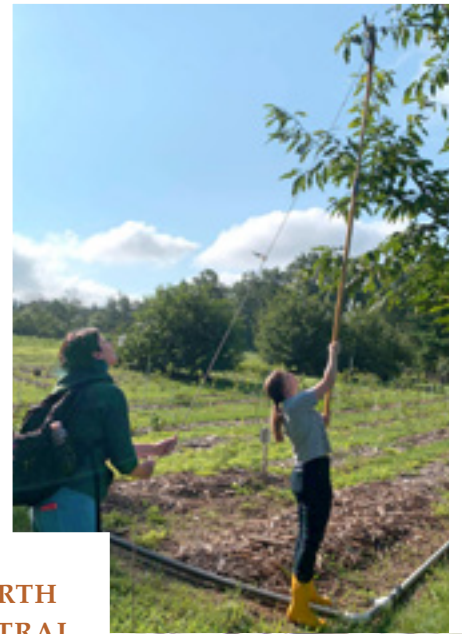
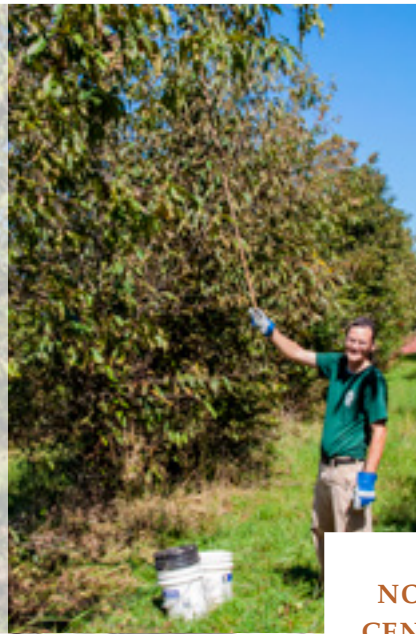
Number of chestnuts planted: 2,506  
Number of volunteers: 107  
Number of attendees/beneficiaries: 11,658

The **Ohio Chapter** held their 2021 Annual Board Meeting virtually. This format was well received by attendees, expanding accessibility for people unable to drive long distances to participate. The chapter also coordinated tree plantings on the phone and by email, ensuring COVID safety by limiting the number of people planting and maintaining social distancing in the field.

**New York Chapter** President Allen Nichols distributed more than 7,000 pure wild-type nuts to 700+ recipients to plant mother tree orchards in the spring. Additionally, he placed 250 pollination bags on the wild-type trees in his orchard, July 2021, and hand-pollinated female flowers. He later harvested the bags and delivered them to SUNY-ESF to open the bags and collect the fertile nuts. The result was a total of 1,833 nuts from Nichols' orchard, of which 50% may contain the OxO gene and be blight-tolerant. The chapter harvested nuts from the Sherburne Orchard in October with a group from

the Haudenosaunee nation. NY Chapter members also harvested burs from the Zoar Valley Orchard, also in October, and Herb Darling and Charles Welch removed the nuts from the burs. They collected 8,056 fertile pure wild-type American chestnuts.

The **Pennsylvania/New Jersey Chapter** was presented with both a challenge and an opportunity when the PA Farm Show in Harrisburg, the largest indoor agricultural exhibit in the nation, decided to go virtual. The chapter met this challenge with a five-part webinar series that included an introduction to the American chestnut story, the science of restoration, the promise of commercial growing, and the search for wild-type American chestnut trees. This series has been added to the chapter's YouTube channel along with recordings of virtual member meetings, which can be found at the following link: <https://bit.ly/PANJ-YouTube>



### NORTH CENTRAL REGION



### New England Region: ME, MA/RI, VT/NH

Number of chestnuts planted: 5,002  
Number of volunteers: 643  
Number of attendees/beneficiaries: 1,228

**Maine Chapter's** Tom Klak, University of New England (UNE), participated in the successful production and testing of transgenic pollen in collaboration with TACF and SUNY College of Environmental Science and Forestry (ESF). The work put into this

groundbreaking project is progressing the mission of both the chapter and the national foundation. In recognition of his efforts, Klak received front-page coverage in the Bangor Daily News for the establishment of a transgenic orchard on Ram Island Farm. All 2021 ME Chapter

meetings were held via Zoom, reducing costs and allowing more members to attend. However, the opportunity to have concurrent conversations and share information was greatly missed.





**NEW  
ENGLAND  
REGION**



The **Massachusetts/Rhode Island Chapter** continues to grow, thanks in part to Rufin VanBossuyt and Rena Richard, who generously donated \$10,000 to fund internships in 2021. The chapter hosted two interns: high school senior Nate Lord and college graduate Eric Harris who assisted with pollinations, inoculations, roguing, and general orchard maintenance. Bill Davis served as the chapter's intern coordinator, managing interns throughout the growing season and coordinating workdays at the Westboro Seed Orchard. Chapter members Mark Meehl and Dave Lent contributed exceptional volunteer hours toward locating wild-type American chestnut trees and collecting nuts, resulting in the shipment of 1,600 nuts to TACF's national office for the annual seedling sale. Member Brad Smith, among other efforts, is pursuing an opportunity to plant a demonstration orchard at Plimoth Patuxet. Chapter volunteers participated in a bee survey organized by Michael Veit to look for *Andrena rehni*, the chestnut bee! According to Michael Veit, there had been no record of *A. rehni* in MA for 45 years. Several male *A. rehni* were collected on American chestnut stump sprouts on

Mt. Ella in Monson, MA by Michael Veit and Fred Morrison, and both male and female bees were collected by Joan Milam. Jesse Greene and other volunteers have collected bees at Mt. Ella on subsequent visits, but the specimens have not yet been identified. Several members of the **Vermont/New Hampshire Chapter** have assisted the Maine Chapter's work sessions for OxO nut production. Chapter president Doug McLane arranged for the rental of a bucket lift and transportation to the Maine site to help with pollination and harvesting. Another early harvest was performed at the request of SUNY-ESF staff. Chapter Vice President Curt Laffin and spouse Carol Wallace helped shuck burs and test for select nuts carrying the OxO genetic modification. Tom Klak, ME Chapter and University of New England (UNE) professor, spoke about the UNE-based project at the well-attended VT/NH Chapter Annual Meeting. The results of this collaborative work are a morale booster. Hands-on experience and peer connections between chapters and ESF may provide the VT/NH Chapter a head start to plan and carry out transgenic project work in their own orchard settings, should regulations allow.



## Mid-Atlantic Region

Number of chestnuts planted: 6,517

Number of volunteers: 572

Number of attendees/beneficiaries: 85,803

The **Virginia Chapter** started a series of educational PowerPoint presentations on Zoom, covering the history of the American chestnut, the blight, and efforts to restore the tree. Presentations also include the breeding program and transgenics, followed by a pitch for membership. These events are held monthly and hosted by board member Darrell Blankenship.

The **West Virginia Chapter** newsletter is an important resource to keep chapter members informed of past and future activities. Zoom meetings have had limited success in attracting more members, but we intend to return to in-person meetings as soon as possible.

Chapter President Mark Double has participated in two media events: one radio and one newspaper. Two chapter members, Robert Sypolt and Sam Muncy, spearheaded several new germplasm conservation orchard plantings in the state. Partly as a result of his efforts with chapter, Mark Double was inducted into the West Virginia Agriculture and Forestry Hall of Fame in July 2021.

The **Kentucky Chapter** increased its committee work between quarterly board meetings to increase efficiency of these meetings. The chapter has also assigned time restrictions per agenda item, which are maintained by a disciplined timekeeper.

## Southern Region: AL, GA

Number of chestnuts planted: 6,170

Number of volunteers: 261

Number of attendees/beneficiaries: 1,931

The **Alabama Chapter** harvested nearly 3,000 nuts from the TVA/Maddox Orchard in Muscle Shoals, and will be planting out the nuts

that Hill Cradock, TN Chapter president and University of Tennessee at Chattanooga professor, grew in the Chattanooga

greenhouse later this month. The chapter continues to participate in committees, including Science and Technology, Finance,

Restoration, and the Regional Science Coordinator selection committee. Chapter members met with TACF scientists Jared Westbrook and

Jamie Van Clief on July 15 to rate all of the trees in the TVA/Maddox Orchard.



## MID-ATLANTIC REGION







**SOUTHERN  
REGION**



The **Georgia Chapter** planted approximately 180 pre-screened trees in the Flint North Ridge *Phytophthora* Root Rot (PRR) Orchard as a part of a multi-chapter PRR resistance breeding program. The chapter expanded the Roy Richards Seed Orchard with roughly 115 B<sub>3</sub>F<sub>2</sub> and B<sub>4</sub>F<sub>2</sub> seedlings that had been pre-screened for blight resistance using SSAs at Berry College. Chapter members contributed to the development and implementation of a multi-chapter ResMap blight resistance screening and genomics project using small stem assay (SSA) methods developed at Berry

College. Additionally, the chapter produced several videos at the College as a part of public relations, fundraising, and educational initiatives. Volunteers assessed blight resistance using SSAs in several transgenic and other clonal lines at the University of Georgia, and continued work on gene expression in response to *Phytophthora cinnamomi* at Berry College. The chapter continued work on rescuing wild *C. dentata* germplasm via grafting and hand-pollination work, and added five new demo orchards and one site test orchard.

**TACF  
ACHIEVES  
4-STAR  
CHARITY  
NAVIGATOR  
RATING FOR  
THE 8TH  
STRAIGHT  
YEAR**



Charity Navigator rates hundreds of non-profit organizations in the United States by evaluating financial health and commitment to accountability and transparency. Their ratings are a resource for donors on how efficiently a charity will use their support and how well it has sustained its programs and services over time.



**CHARITY NAVIGATOR COMMENDED TACF BY STATING:**

*Attaining a 4-star rating verifies that TACF exceeds industry standards and outperforms most charities in your area of work. Only 6% of charities we evaluate have received at least eight consecutive 4-star evaluations, indicating that TACF outperforms most other charities in America. This exceptional designation from Charity Navigator sets TACF apart from its peers and demonstrates to the public its trustworthiness.*

President and CEO Lisa Thomson said in response to this year's rating, "This designation is due much in part to our dedicated staff, their high level of integrity, and their ability to create efficiencies with limited resources. That, along with oversight from a highly engaged board of directors and hard-working chapter leaders, makes this designation possible."

CHESTNUT  
CHAT SERIES

July 1, 2020  
-  
June 30, 2021

A POPULAR

FORM

OF

OUTREACH

AND

INTERACTIVITY

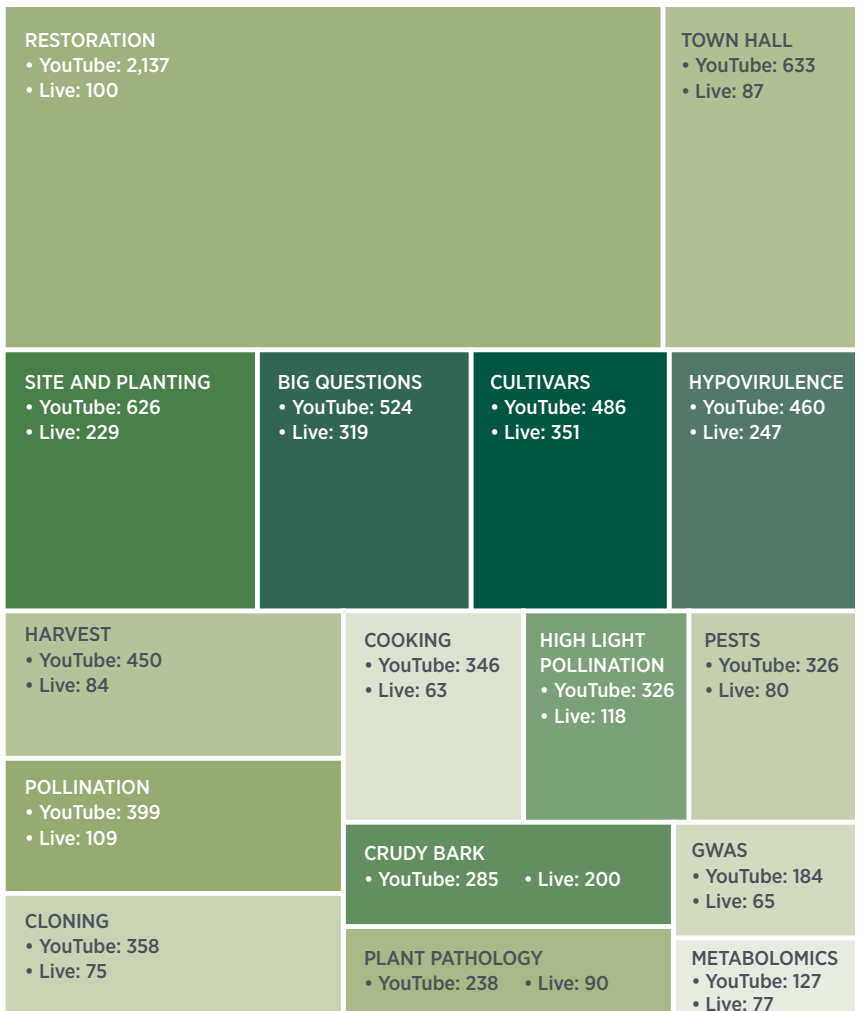
LEARN ABOUT UPCOMING CHESTNUT  
CHATS AND WATCH PREVIOUS  
EPISODES HERE:

[acf.org/resources/chestnut-chat-series/](https://acf.org/resources/chestnut-chat-series/)

TACF's live Chestnut Chat series continues to be a popular form of outreach and interactivity for members and non-members alike. Occurring monthly, this series is held on the 3rd Friday of every month, covering a variety of topics related to American chestnut. Chestnut Chats are offered via Zoom video conferencing where only panelists are allowed to share their screen, camera, and mic. Audience participants can engage using a chat box or Q&A module. In the Q&A module, participants can up-vote questions they like or want to have answered with some increased priority, and can also enter their own answers and additional discussion, making these presentations very interactive.

INTERACTION OF YOUTUBE VIEWS AND LIVE ATTENDEES (7/01/2020 - 6/30/2021).

The larger the box, the more YouTube views\* have been gathered for that session. The darker the color, the higher the number of live, unique viewers attended the session.



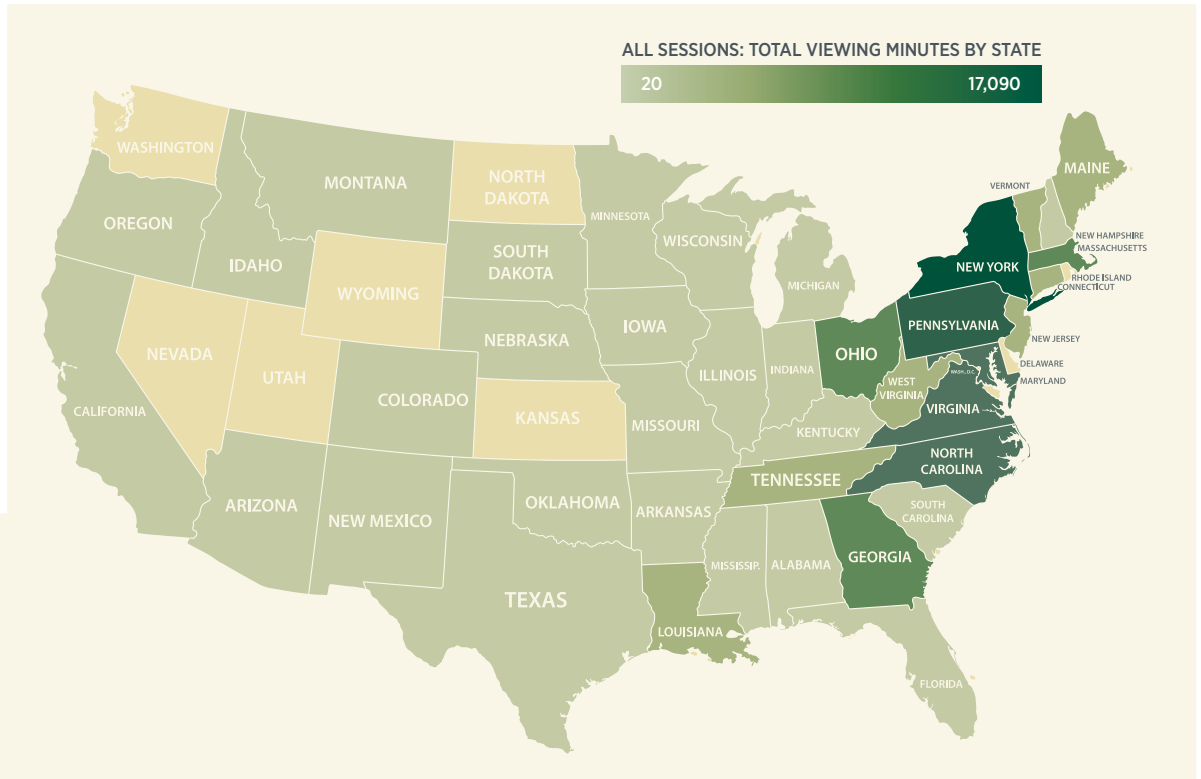
\*YouTube views are cumulative as of 1/17/2022.



2020 - 2021  
TACF  
ANNUAL  
REPORT

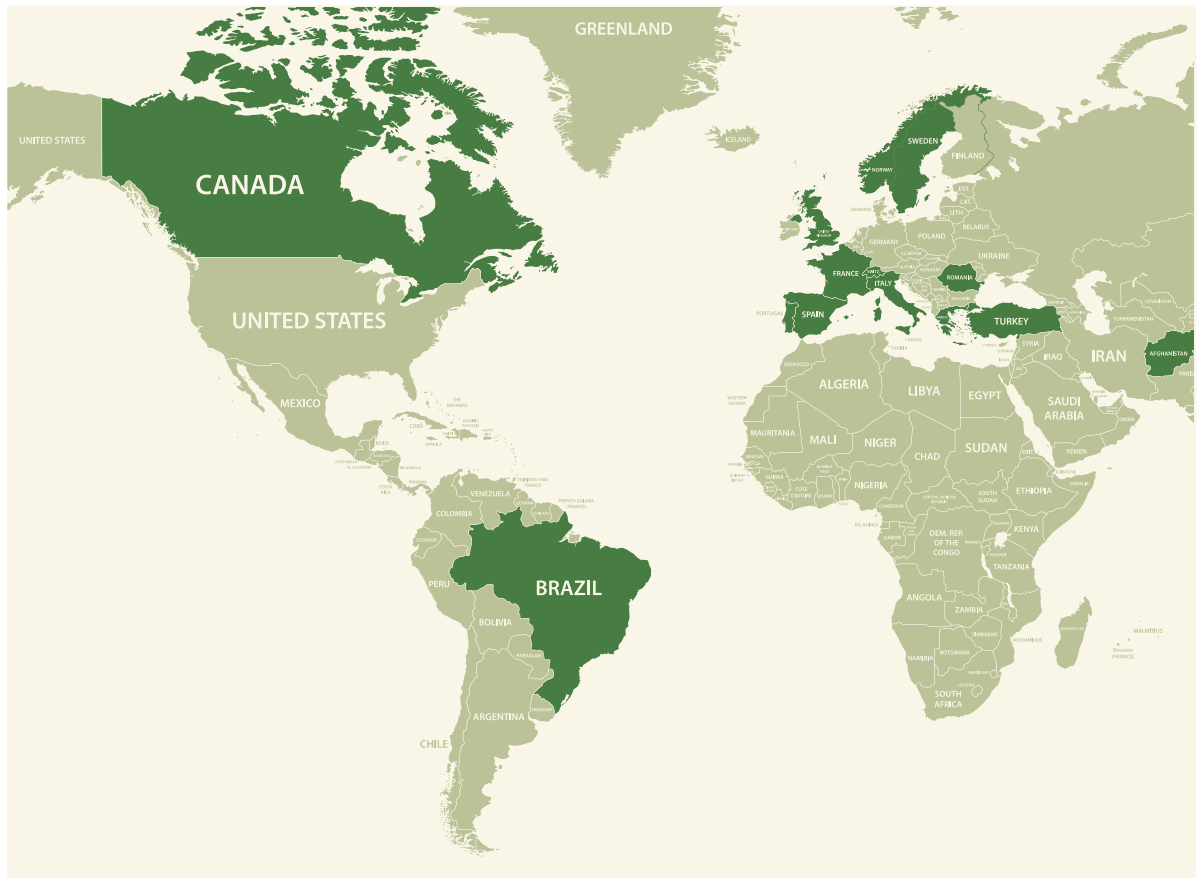
**TOTAL VIEWING TIME BY STATE FOR CHESTNUT CHATS.**

Viewing time for TACFs Chestnut Chats was highest in states among the native range of the species. This is because only some 50% of viewers can be identified, as only those locations of known TACF contacts can be mapped.



**INTERNATIONAL REGULAR VIEWERS FROM 14 OTHER COUNTRIES**

Top three countries:  
1. Canada  
2. UK  
3. France



**SUMMARY VIEWERSHIP FOR TACF'S CHESTNUT CHAT SERIES**

2148 Unique Viewers

All 16 Chapters Represented in Viewers:  
1100 Unique Members

Non-members/  
unknown contacts:  
1048 Unique Viewers

94% of attendees join via web  
6% of attendees join via phone

OUR  
DONORS  
July 1, 2020  
-  
June 30, 2021

THE AMERICAN  
CHESTNUT  
FOUNDATION DEEPLY  
APPRECIATES THE  
HARD WORK  
OF ITS  
VOLUNTEERS  
AND COMMITTED  
SUPPORTERS.

Our mission is long-range, and your charitable contributions allow this conservation success story to continue. We are truly grateful for your help in restoring this iconic species.

### \$25,000 +

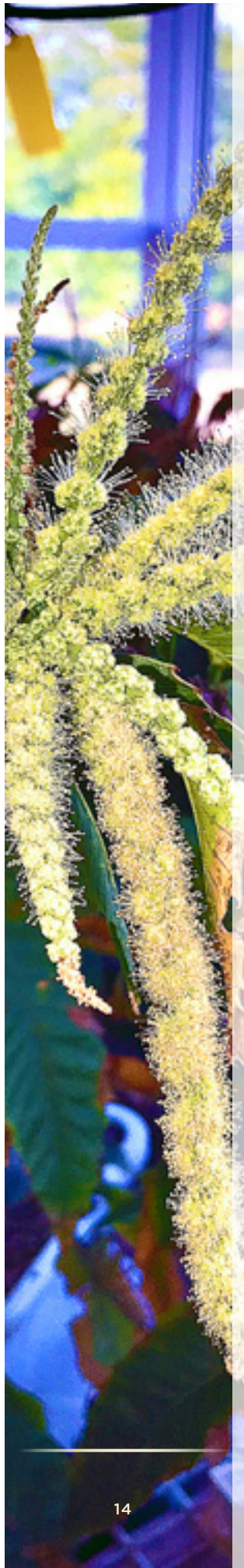
Anonymous	Gibbs Foundation	The Manton Foundation
Joan Blessing	Mrs. E.L. Nicholson	The Ohrstrom Foundation
Robert H. Dunlap	Richard King Mellon Foundation	USDA Forest Service, USFS Southern Region
ESF College Foundation, Inc.	The Archie W. and Grace Berry Foundation	
Estate of Brookie Lea Berry Revocable Living Trust		

### \$10,000 - \$24,999

Betty and John Allison	Richard A. Hayne	The Cricket Foundation
Anna-Maria and Stephen Kellen Foundation	Helen R. Buck Foundation	The Research Foundation for SUNY
Ballyshannon Fund at the Charlottesville Area Community Foundation	Barry Kriegel	Triad Foundation
Catherine and Oren Cheyette	Shandra and Ben Morrell McLane	Rufin Van Bossuyt and Rena Richard
Estate of Carl H. Tippenreiter	Catherine A. Novelli and David J. Apol	Virginia Polytechnic Institute and State University
Felburn Foundation	Mr. and Mrs. Fred Stanback, Jr.	
	The Cannon Foundation	

### \$5,000 - \$9,999

Anonymous	John and Deborah Evangelakos	The Neil and Anna Rasmussen Foundation
Mr. and Mrs. Steven A. Antoline	Foundation for Sustainability and Innovation	The Pierson Family Fund
Steve Barilovits III	Assunta Gaglione-Austin	Tom and Anne Wild
Ben May Charitable Trust	GreaterGood	
Benevity	Jack McKee	
Curtis and Edith Munson Foundation	Charles P. McQuaid	
Michael Doochin and Linda Kartoz Doochin	Brian F. Sweeney	



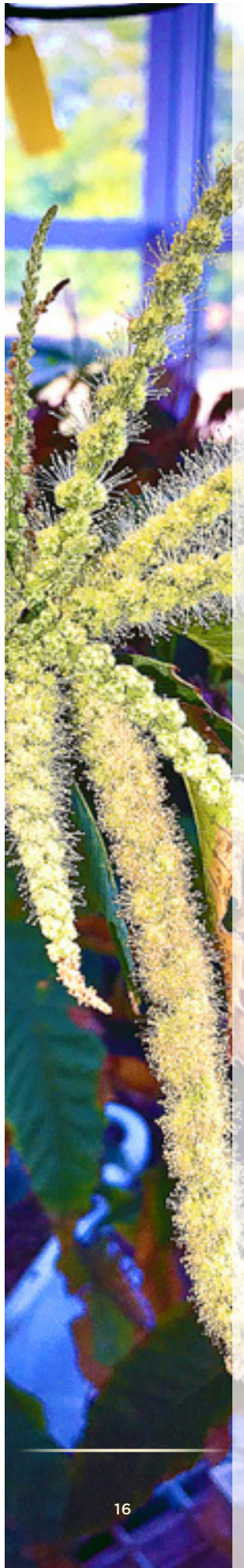
## \$1,000 - \$4,999

Joel and Marla Adams	Frederick Bliss Foundation, Inc.	Drs. Brian and Dawn McCarthy	Rogers F. Starr
Tom Addair	Frederick H. and Diana C. Prince Foundation	Laura McNichol	Dr. Kim and Susan Steiner
John M. Allan	E. Marianne Gabel	David L. Menke	Byron and Nancy Stutzman
AmazonSmile Foundation	Richard T. Gilbane	Bob L. Merchant	G.K. and Shirley Sutton
Anonymous	Kyla Grafton	Jay and Jennifer Mills	William and Lisa Sykes Family Fund at the Rochester Area Community Foundation
Brett Andrzejewski	Thomas and Sally Halbach	Kincaid and Allison Mills	Charles and Susan Tarver
Joshua Arnow and Ellyse Arnow Brill	Michael Hashe	Monomoy Fund, Inc.	Richard and Dianne Taylor
Bailey Nurseries Foundation	James T. Healy	Sean Montgomery	Barry K. Thacker
Adele Baker	Dr. John D. Hempel	Melissa Moody	Zachary Tharpe
Mary Balkovetz	Mr. and Mrs. Christopher Hohlstein	Eva Greger Morse	The Ashland Foundation
C.H. and Peg Becksvoort	John Houston	NC Biotechnology Center	The Carter Center
Adam Berenzweig	Dianne and Dennis Howard	Orentreich Family Foundation	The Neumann Law Firm
Stephen and Karen Black	IBM Corporation Matching Grants Program	Jan F. Ornato	Ryan Thibodeaux
Blumenthal Foundation	James Iker and Hayes Nuss	Hugh P. O'Shields, Jr.	Lisa and Walter Thomson
Brown Brothers Harriman	Jackson Family Donor Advised Fund of Waccamaw Community Foundation	P.W. Sprague Memorial Foundation	Barbara M. Tormoehlen
Cecil C. Burgin	Janice Michelle Foundation	Alan B. Palmer	James Turnage
Thomas Burk	Russell Jeffers and Claudia Dwass	Z. Cartter and Lee Patten	Urban Forestry Organization
Sheldon Campbell	Wanda and Phillip John	Pattillo Industrial Real Estate	Dale Van Demark
Carl Siemon Family Charitable Trust	Elizabeth B. Johnson	Jason A. Payne	Vanguard Matching Gift Program
Colleen and Hugh Carlson	Jennifer Johnson and Joe Duke	Edward C. Pfeiffer	Jens Von der Heide
Philip T. Chaplin	Daniel Keller	Bradley Pitts	Rob and Liz Waggener
Phillip and Cynthia Chase	Barbara B. Knapp	Dr. V. Watson Pugh	Bruce E. Wakeland
John M. Cholin	Drs. Jon C. Kucera and Susan P. Graham	Michael Randall	T. Urling Walker
Brian E. Clark	Richard J. Lance	Edward A. Raymond III	WestWind Foundation
LuLu Colby	Geoffrey Lauprete	Emil Daniel Revala	Matthew C. Wiatt
Cold Brook Farm	Richard M. Lavers	Ronald J. & Paula P. Withrow Family Foundation	C. John Wiley
Justin Collinet	William Lawrence III	Dr. R. Gary Roop	Donald C. Willeke, Esq.
Eric E. Costello	Little Acorn Fund of The Community Foundation of WNC	Emily Rutherford	John Willingham
Clarence L. Covert	Sue Brooks Littlefield	Safari Club International New England Foundation	Willis and Elsie Shenk Foundation
Connie M. and William Jay Cude III	Hugh Lewis and Kate Lobdell	Sandpiper Fund	William Guthrie and Elizabeth Wilson
Peter Culp	Donald K. Lorenzo	Travis S. Schill	Wolff Family Charitable Trust
Mr. and Mrs. Hartwell Davis, Jr.	Charles MacDonald	Howard J. Schlegel	Thomas L. Woltz
John P. Dawson	Dr. William and Nora MacDonald	Schneider Electric North America Foundation	Arthur Wuster
Dr. David Dillard	Drs. Edward and Mary Mahaffey	James Scotton	
Paul C. Dioli	Rex and Anita Mann	Eileen E. Scutt	
Dun Foundation	L. Hardy Mason	James E. Searing and Gayle Goodman	
Chris Durham		Charlie H. Sellars	
Norman Egbert		Rebecca Simmons	
Herbert W. Eplee		Nicholas A. Skinner	
Matthew Erickson		Jay G. Smale	
J. Henry and Mollie Fair			
Yvonne M. Federowicz			
Michael Felz			
Adam R. Foster			



## \$500 - \$999

Kenneth J. Adams	Robert S. Donnelly	T. Stephen Jones and Adele Franks	Donald F. Privett	Adam Tyson
AdventureKeen	Louisa Duemling	Peter C. Keefe	Allen and Susan Proper	James and Jocelyn VanBokkelen
Blaine F. Aikin	Philip and Mary Jane Duke	Carolyn Howes Keiffer and Philip Tinne	James W. Psiones	Jeffrey and Valerie Vanderlip
Patrick Allen	Dutchess Views Farm, Inc.	Jim Dutlinger	Herbert D. Quinn, Jr.	James Votaw
Michele Andresen	Dr. Patricia Eifel	Peter Ream Kemmerer	Doug J. Rademacher	Isabel and Tom Wacker
Anonymous	Harold E. and Peggy J. Elkins	Tracy Kral	Ella Reeves	Judge Gary R. Wade
Arnot Sportsmen Club, Inc.	R. Elaine Ellis	Cynthia Kuster	William H. Reist	Steven Wagner
Peter Arquin	Hilary Ely	Chris Ladika	Eugene Renfroe	Marc Walton
Michael Babyak, Jr. II	Estate of George Cecil	Richard Latty	Gretchen Riccardi	Watson Family Charitable Trust
Dennis M. Baldwin	Albert C. and Judy Faust	Elizabeth and Warren P. Laws II	Charles R. Rice	Clinton T. Welding
Daniel K. Barthels	Patrick M. Flaherty	James P. Lenfestey	Neel Rich	Linda and Wayne Westbrook
Andrew Beaulieu	David and Maureen Flanagan	Herbert Ley	Alexis Rieffel	Aaron Wheeler
Ashton Trey Belew	David Florian	Scott Lilly	Gil Robinson	Roy Whitehead
Dr. John C. Bernhardt, Jr.	Peter C. and Betsy Forster	Karen Lindig	Nicholas Rockwell	Edward W. Wilburn
Corey Bettenhausen	Friends of Great Smoky Mountains National Park	Celia Llopis	Paul D. Ross, Jr.	Melody and David Wilson
Keith Bibbee	Geoffrey Garin	Ryan MacMullan	Adam Rossi	Judi Wiltjer
Phillip Bonn	Dr. Joseph Ivan Golden and Peggy Burkhardt	Vincent Maddi	Walter J. Rybka	John Wojton
Alexander Ashe Bonnyman	D. John Grace, Jr.	Lawrence A. Martone	Destin Sandlin	
John G. and Amy Bradfield	Hunter Graham	Charles Mathes	Elena Sansalone and Jan Van Meter	
Randall Burkard	Franklin "Bucky" Green	Randall Mayes	Patrick and Mary Scanlan	
David Campbell	Brian Grenia	Edsel D. McGrady	Sea Green, LLC	
Robert Roy Campbell	Erik Hagerman	Larry Joe McReynolds	Polly Seymour	
Scott Carlberg	Alan Kyle Hagstrom	John W. Mead	Shell Oil Company Foundation	
Mark Carlson	Ron Hansen, Jr.	Allen G. Meek	Matching Gifts	
Eugene M. Carr, Jr.	Wayne H. Harlow	Bonnie and Dewey Meeks	Tom and Heidi Sikina	
Dr. Gary and Darlene Carver	Byron M. Harrington	Jeff Mentzer	Nancy Simerly	
Dave Chappelle	Wayne and Jeanne Hearn	Alex Minard	Jimmie Lee Sizemore	
Dr. Garvin Kent Chastain	Wayne Helming	Kurt Moody	Laurel Skarbinski	
Monica Christie	James Herre	William R. Moore	Ernest W. Smith	
Jane and G. William Coble II	Cleveland Hickman	Laura and Thomas F. Morrow	Randy Smith	
Joseph P. Collins	Nathanael Howland	Mount Riga, Inc.	Snowy Farms	
Donald R. Cornwell and Linda K. Thomsen	Dr. Edward and Jane Isbey III	Andrea Murray	Matthew Snyder	
Dr. and Mrs. Bennett Cowan, Jr.	IWM3	Ed Nelson	James J. Spagnoli	
Bernie and Linda Coyle	David L. Jadow	Fred Niemeyer	Margo and Donald W. Stever, Jr.	
Dr. Mandy Cromwell	Donald H. Jarosz	Daniel O'Hanlon	Roger Stillwater	
McDowell Crook	Victoria H. Jaycox	Brian G. O'Neill	Brian Stinson	
Harriett Crosby	Alexander and Roberta Jeffries	Dr. Jack and Maggie Ostroff	Chad Strausbaugh	
Nathan Cude	William and Jean Jeffries	Douglas H. Oswald	Linda J. Stuesser	
Richard Dagenais	Jeff Jens and Ann Boisclair	Oliver and Barbara Parker	Amy Stump	
Robert and Adeline DeButts	David Johnson	Joseph and Sarah Parrish	Jason Swalm	
Matthew Deeths	Johnson & Johnson Matching Gifts Program	Tobi Pequignot	Charlotte Tharp	
Dr. Robert E. Detjen		Brent Perrott	Cynthia and Terrence Tobias	
William Devlin		Robert B. Platner	Elise H. Transue	
Jasen Dickan		Richard H. Polchow	Anthony Trentini	
Robert W. Dietz		Charles R. and Betsy Porter	Vicki Turner	
Cynthia K. DiNetta				



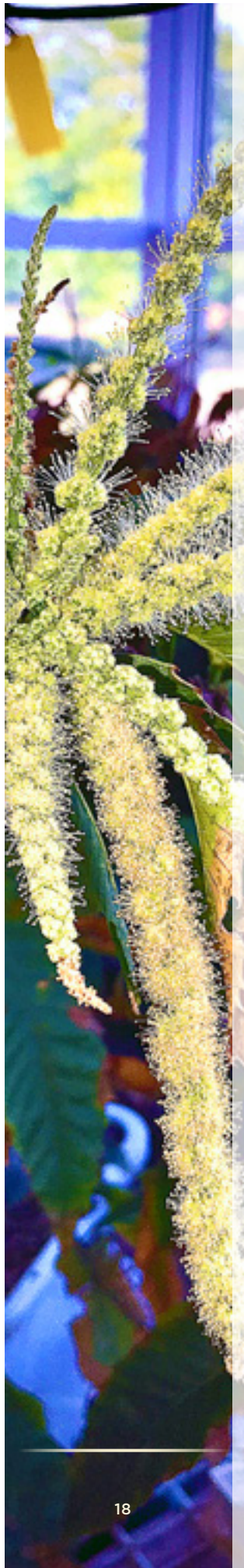
## \$300 - \$499

- Carl and Becky Absher  
David and Laura Adams  
Nancy L. Adams  
Fred Ahlborn, Jr.  
Steve Albright  
Omar Al-Farisi  
Paul R. Anderson  
Susan S. Anderson  
Vanessa Anderson  
Andrew Andreas  
Allain Andry  
Dr. Dale C. Angerman  
John Araujo  
C.D. Armstrong  
Jennifer Arrendale  
Thomas Atha  
Alden Atkins  
Dr. Grace Auten  
Mary Ayres and Jack Kerr  
Tom C. Babcock  
John Bain  
Monica Bakolli  
Ronald S. Balk  
Nicholas Balla  
Court Ballinger  
Corey A. Barnett  
Colin Barr  
Barrett Hill Farm  
James W. Barrick  
Dale Bartlett  
David Bartlett  
Timothy M. Bates  
Douglas A. Batt  
Michael Beaumont  
David Becker  
Xander Becket  
Steven G. Bell  
Bruce D. Belt  
Craig L. Bennett  
Edwin Bennett  
Louise Bergeron  
Mark Besserman  
Cindy Black  
Jeremy Blackwell  
Nicholas Blanchet  
Fred Blum  
Bocock/Hitz Fund at the  
Charlottesville Area  
Community Foundation
- James A. Bolinsky  
Alfred Bonahoom  
Anthony Borelli  
Richard Boucher  
Ron and Susan Bowman  
Jenny Lynn Bradley  
Daryl E. Brandt  
Ellen Braun and  
Kim Guenther  
John C. Bravman  
Alexandre and  
Martha Bravo  
Phil Bredesen and  
Andrea Conte  
Daniel J. Breunig  
Andrew Brill  
Dr. Madison Brown  
Mary Florence Brown  
Rebecca Brown  
Ricklin Brown  
Denny Nichols Buchannon  
Charles E. Buchter  
Leonard J. Buck II  
Eric Burnham  
Jeff Buscher  
Rae H. Butler  
Jennifer Caci  
John Callahan  
James J. Campbell  
Thomas Campbell  
Matthew Cantor  
Tom Capobianco  
Donald Carmichael  
Bryan Carroll  
Matthew D. Carson  
Alan Carter  
John L. Casertano  
Angel Cassista  
Larry and Barbara Catuzzi  
John Charlton Chamberlin  
Deanna and Rich Charles  
Neil Cherry  
Bart L. Chezlar  
Guy Alan Clark  
Levi F. Clark  
Michael J. Clark  
Wayne S. and  
JoAnn Clinger  
Richard Clouser and  
Martha Campbell
- Clayton Cochran  
John Terrence Cody  
Larry G. Cole  
Dennis Coleman  
Eric Collins  
Dennis and  
Catherine Collis  
James Combs  
Elizabeth Comstock  
Michael Conroy  
Patrick Cooney  
Patrick Cornbill  
Pamela Court  
Robert Coville  
Jason Cowan  
Jerry L. Cox  
John G. Crabtree  
Sean Crowshaw  
T. Gray Curtis, Jr.  
Adam Czachorowski  
Richard Daley  
Eric Darling  
Mitch Davidson  
Russell Davis  
Thomas Davis  
Stephen Day  
Michael Dean  
Paul Deane  
Karen Dearborn  
Frank A. DeCocco  
Elisabeth Deimling  
Anthony DeNicola  
Laura Desmarais  
Andrew and  
Nancy Dewing  
Brandon DeYoung  
James Dickson  
John T. Dieckmann  
Rick B. Dietz  
Michael Dimino  
William Ditzler  
Jonathan Doenges  
Jason and Lindsay  
Dombroskie  
Susan E. Dorward  
Paul Doscher  
Earl F. Downes  
Jeffrey P. Dufficy  
Duke Energy Foundation  
Matching Gifts Program
- Chris Dunn  
Frances Dunwell and  
Wesley Natzle  
EA Bublitz Holdings, LLC  
Audra Edele  
Douglas S. Edwards  
Mary Lou Egan and  
Marc Bendick, Jr.  
Ben Eggett  
Courtney Ek  
Timothy E. Ellsworth  
Mohamed Elsagga  
Eric Ensell  
Environmental Air, Inc.  
Equinox Environmental  
Richard Esch  
Bryan Estep  
Dr. Arthur F. Evans  
Peter D. and  
Deborah Ewing  
Dr. Alan Eynon  
Stephen Fast  
Mervin Feathers  
Gene Feher  
Thelma S. Fenster  
G. Archibald Fenton  
Jeff Finken  
Michael Fiori  
FIRE, LLC  
Drs. Penelope Firth  
and David Knapp  
Mandy and  
Raymond Fisher  
Valerie L. Fisk  
Michael Fitz  
Scott Fitzner  
Cynthia Flanders  
Lenard A. Footland  
Charles C. Ford  
Frank Fowler  
Evan and Susan Fox  
Thomas C. Frank  
Rodney Franks  
Susan Fried  
Daniel Todd Fuhrman  
Michael Joseph Gaffey  
Joseph Gallo  
John Galvin  
Marc B. Gamble



## \$300 - \$499

Charlie Garlow and Joan Flaherty	Timothy Lee Huffman	Norman E. Leafe, Jr.	Virginia Maybank	Tom and Genevieve Obrig
Franklin Gehres	Samuel V. Huffman, Jr.	Steven Leath	Jack and Frances McCallie	Richard O'Connor
John Gerstmayr	Francis Humann	Jerry A. Legg, Jr.	Peter B. McChesney	Kevin S. Oden
Rebecca Gibson	Susan Alice Hungerford	Frank G. Lemoine	Dwaine and Frances McCollum	Manci and George L. Ohrstrom II
R. Douglas and Marsha Gillis	Brian Hurd	W. Tucker Lemon	Allan Jefferson McDonald, Jr.	Robert P. O'Keefe
Amanda Gist	Philip B. Hurley	Stephen Lengel	Douglas McLane	Brian Oliver
Steven Godding	Illinois Tools Works, Inc. Employee Matching Gift Program	Daniel Leverenz	Susan K. McLane	Patrick O'Reilly
Dorian S. Goldman	Timothy A. Ingraham	Bruce J. Levine and Laura Goertzel	James L. McNees	Larry Ortega
Goldman Sachs Matching Gifts Program	Gary and Linda Jacob	Jacob Levitt	Matthew Meares	Roy Orton
Bob W. Goodlatte	Alfred and Dori M. Jacobs	Nathaniel S. Levy	Constance A. Meighen-Cichon	Otter Run Fish and Game Club
Theodore Goodnow	Zach Jeffrey	Philip C. Lewellen	William Melgaard	Robert and Elizabeth Owens
Lorraine M. Goyette	William P. Jewett	Daniel Lewin	Jonathan Melick	Ezra H. Oyer
John Buzz Grace III	Robert L. Johnson, Jr.	Jeremy Lewis	Nancy Mendonca	Roy H. Park, Jr.
Michael Grames	William C. Johnson	Kyle Lewis	Wilhelm M. Merck	Pamela Parker
Dr. Joshua J. Granger	Matt Jolson	Lynn Lidz	John R. Mertens, Jr.	Jayne Park-Martinez
Rachel Gray	Russell Jones	Dustin Thomas Lieb	Elizabeth and Mark Merz	Mary Jo Patterson
Elizabeth Gregg	Thomas A. Jones	Charles K. Likel	Charles Metz	Allen and Carroll Paugh
Daniel Groselle	Thomas Jordens	Kelly Liming	J. Brendan Meyer	Anne E. Payne
Brian Guenther, Jr.	Ronnie Justice	Richard Lind	Miami Tribe of Oklahoma	Vincent and Cynthia Payne
Hobart G. Guion	Roger Kahn	Brian Linville	James Milbauer	Stephen Donald Peck
Bernard Hall	James P. Kariya	Bronwen M. Loeb	Luke W. Miller	Timothy Peppe
Stuart F. Hall	Andy Kegley	Richard D. Long	Raymond L. Miller and Judith E. Day	Clyde E. Perdue, Jr.
William M. Hall	Atticus L. Kelbley	Mark Lorson	Alan Milliner	Mark Perin
Iben Hanson	John M. Kelly	Harold Losey	Millvale Sportsmens Club, Inc.	Jason Peters
David W. Hare	Dale B. and Linda K. Kerns	Leslie and Catherine Love	Randy Minchew	Nancy A. Pfister
Tupshin Harper	Charles Wiley Kestner	Charles R. Lowe	Anthony M. Miyake	Pfizer Foundation Matching Gifts Program
Neil F. Hawks	Tom A. Kinard	Franklin Lowrimore	Fisher Corlies Morgan	Teresa Talley Phillips
Tom Hayes	Kingsford Manufacturing Company	Sam Lumpkin	Kaylene J. and Kevin H. Morgan	Robert C. Pierson III and Vicki L. Pierson
Bradin Heimbach	Tim Kleintop	Nathan Lusignan	Bernie Morrison, Jr.	Dr. Robert J. Plunkett
Michael Hellman	Charles Knapp	Caryn MacLuan	Eldridge M. Mount III	Laura Podyma
Alvin Hemmingsen	Cubby Knapp	Leonard and Pat Maguire	Reginald and Mary M. Mudd	Scott Polega
Sam Hendrickson	Christopher Kohel	Daniel A. Mahoney	Merideth Mueller-Bolton	James Poole
Herbert and Gayl Henze	John B. and Helene P. Koontz	Jon Makay	Ben L. Myers	Stephanie M. Pope
Judith and Jeffrey Herm	Thomas Koven	Stephen A. Malcom	Hope Myers	John Posey
Karen Herold and Mark Isaacson	Loy Kreider	Thomas J. Maley	John Nabholz	Margaret Fern Powell
James Herron	J. Lloyd Kreider, Jr.	Brian Maloomian	Newton Academy Cemetery Fund of The Community Foundation of WNC	Dennis Bradley Price
Bea Hightower and Art Aiken	Kim Krukowski	Lloyd Charles March	Daniel S. Nydick	John F. Price
Carly Hilios	Thomas F. Krumrine	Jennifer Markman	Oaktree Realty - Riverdale	Ray Price
David Hillman	Blair Laddusaw	Arthur Markos	Michael A. O'Brien	Glenn R. Proudfoot
Joe Himali	Drew Lamb	Matthew Maroney		Brandon Pruss
Marilyn G. Hinson	John LaMonica	John-Paul Martin		Mackin Pulsifer
Richard L. and Judy Hoffman	Lynn LaMontagne	Dr. Luis A. Matos		William Punshon
Michael Hogsed	Larry Lamphier	John Matthews		Sally and Andrew Quale
Mark Holmgren	Roger Latham	Roxanne and David Matthews		Dr. John T. Raftis
	William Law, Jr.	Steven Matthews		
		Richard A. Matz		
		Michael Mauro		



## \$300 - \$499

- Mark Randall Ray  
Brian K. and  
Tracy N. Rearick  
Susan Recknagel  
Stephen H. and  
Elizabeth Reynolds  
Robert M. Rhodeback  
Brooks Rice  
William J. Richtsmeier  
Steve Riley  
Kenneth S. Risser  
Andrew Ritter  
Alan M. Robertson  
Elizabeth Robinson  
Doug Robinson  
and Melita Team  
Russell Rollins  
Margaret L. Ronsheim  
Nicholas Roosa  
Harold Rose  
Francis Rosenthal IV  
Todd Ryan Ross  
Valerie Ross  
Brad Rotsky  
James J. Rudnicki  
Daniel Rumschik  
R. Scott Ruth  
John Rutledge  
Frank Samuelson  
John and Karen Sanders  
Gerard Sarb  
Balfour Sartor  
Scott Sassaman  
Virgil Sauder  
Brian Scanlan and  
Cynthia Chang  
Joseph Schafer  
Dennis H. Schave  
Mark Scheel  
Payton Scheppe  
Schlabach's Nursery  
Tyson Schroeder  
Robert J. Schul  
Douglas W. Sellers  
Chris Seltzer  
Mary Lynn Selzer  
Robert Seymour  
Patrick N. Shackelford  
Paul A. Sheets
- Peter Shefler  
Matthew Shergy  
Joel Shield  
Marjorie and Scott Shreve  
Jeff Sigmon  
Jonathan Silverman  
Matthew Sinarski  
Joseph Sites  
Brooks H. Sitterley  
Robert Slater  
Ford Smith  
Gretchen Smith  
Leah Smith  
R. Scott Smith, Jr.  
Dr. Randall Smith  
Roy Smith  
Thomas J. Smith  
Henry Michael Smolak, Jr.  
Southern Conservation  
District  
Clay Sparrow  
Jayne Spaulding  
Jeffrey N. Specht  
Wayne Speigle  
Henry Spiller  
Edward Charles Spingler  
Ann B. Spires  
Spring Grove Cemetery  
and Arboretum  
Anna Sproul-Latimer  
Ronald L. Stancliff  
Ken Steben  
Christopher Stenman  
Mark and Vicky Stoakes  
Steven C. Stone  
Karl Strause  
David U. Strawn  
Arthur Streeter  
Jesse Strickland  
Matthew J. Striebel  
William S. Strong  
Carolyn Summers  
Matthew Peter Sutherland  
Gary Sutliff  
Larry R. Sutton  
Markham Swafford  
Tracy Swalm  
Karen A. Talbert
- George Tarasi  
Cynthia Tauxe  
Colonel Thomas Taylor  
The Chestnut Grille  
at the Green Park Inn  
The Chestnut Hill  
Garden Club  
John R. Thorsen  
Thrivent Financial for  
Lutherans Foundation  
Matching Gifts Program  
John Tollefson  
Laurie Tolman  
Dr. and Mrs. John C. Toole  
Larry Totten  
Caroline and John Town  
Mark Tranovich  
David A. Travalini  
Stephen J. Trechter  
Jennifer Troy  
Troyer Products  
Donald Truss  
Allan J. Tylka  
John Uitendaal  
Wilhelmina Ulbrich  
Joseph Valimont  
Robert Van Brunt  
David C. Vanaman  
Marianne Marsolais and  
Edward Vander Hoeven  
Edward M. Vanderhoeven  
Mark J. L. VanDerwater  
Virginia and  
Aaron Venable  
Joseph Venagro  
Daniel Veoni  
Anthony Joseph Viglietti  
Alexander Von Bismarck  
Roderick S. Walker  
Joseph Wall  
Dr. P.K. Wallace  
Thomas Walsh  
Bryan M. Walt  
Daniel Walter  
Lisa A. Ward  
Stephen Ward  
David Warren  
Daniel J. Washburn  
Michael Washburn, Jr.
- Matthew Weaver  
Joseph H. Webster  
Lon Webster  
John Weeks  
Bryant Welch  
Rebecca Wells  
Eric Werkheiser  
Peter West  
Cindy Westley  
Tim Westover  
Kirk C. Whitaker  
Maria Whitaker  
Douwe Wieberdink  
Leonard S. Wiener  
Thomas E. Wilbanks  
Corey Wilcox  
Bill O. Wilen  
Bruce Wilk  
J. Tracy and  
Barbara Wilkerson  
Keith Williams  
Norman R. Williams  
George J. Wilson  
Jason Winall  
Cindy Winebaum  
Michael A. Withers  
Nigel C. Wolters  
Glenn R. Womack  
Dennis S. Woodward  
George Woodzell  
Robert L. Woolcock  
David M. Wright  
Christopher Yaecker  
Jeff L. Yates  
Stephen Yoder  
Joseph N. Yorks  
Sharon Zehner  
Jay M. Ziegler  
Mary and Jim Zmuda  
Christina Zumwalt

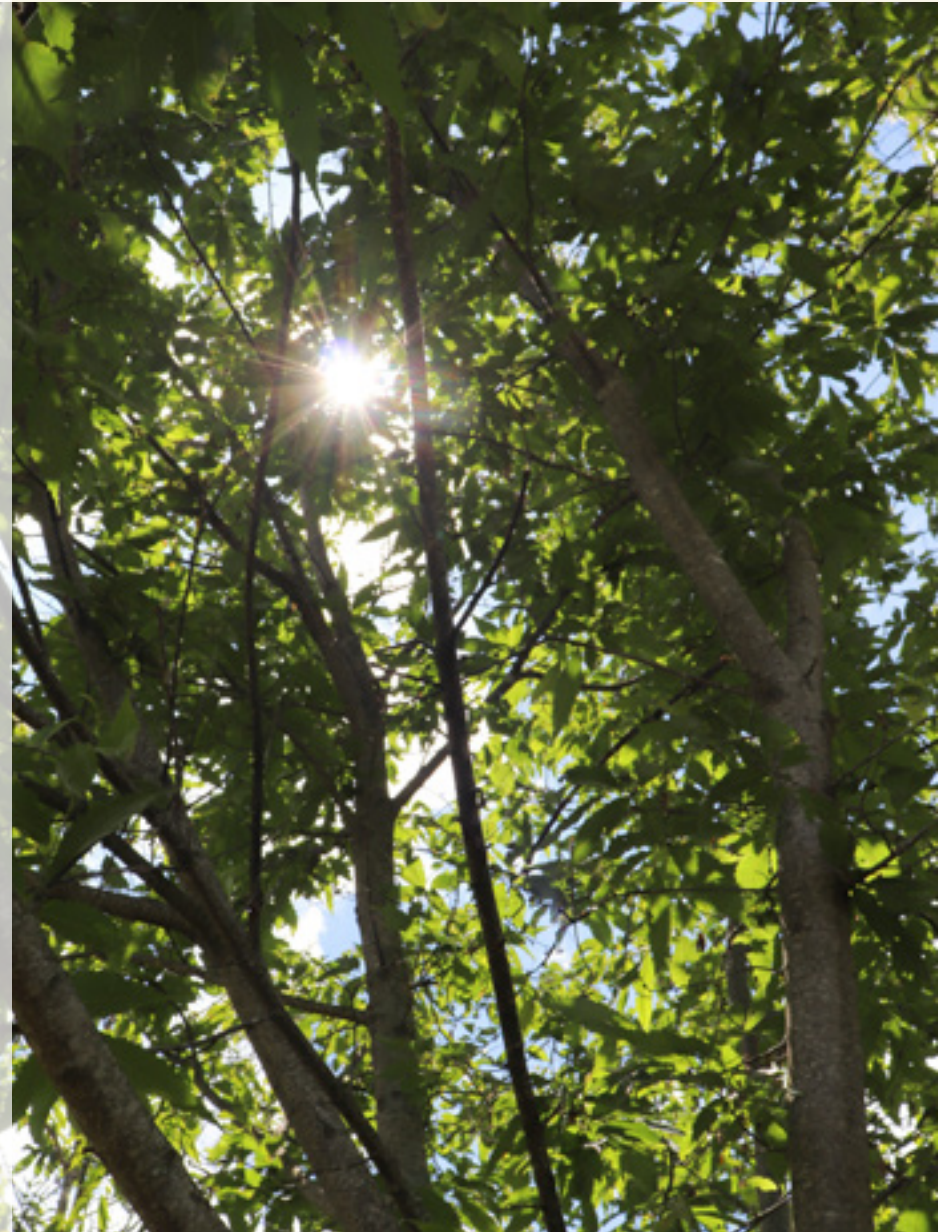


LEGACY TREE  
ORCHARD

July 1, 2020  
-  
June 30, 2021

THE  
PROMISE  
OF  
FUTURE  
FORESTS

The Legacy Tree Orchard program at our Meadowview Research Farms in southwest Virginia symbolizes the endurance of nearly four decades of scientific progress. These trees are part of our ongoing research, celebrating those who have a deep abiding commitment to American chestnut restoration and wish to support our mission during, and after, their lifetimes. Under the shade of each tree, a customized plaque acknowledges this gift of true generosity. Legacy Tree patrons are entitled to receive our latest intermediate blight-resistant seeds. All funding received through the Legacy Tree Orchard program forwards TACF's unwavering efforts to rescue this ecologically significant foundation tree species.



## LEGACY TREE ORCHARD SPONSORS AND RECIPIENTS (as of June 30, 2021)

1. The Family of the Rev. and Mrs. Hugh W. Agricola, Jr.
2. Alabama Chapter of TACF in memory of Virginia Day Baker
3. Allegheny Foundation
4. Steven Antoline in honor of Edward S. Hutchison
5. Stephen Banks in honor of Glenn Banks
6. David Barenfeld in honor of Robert Barenfeld
7. David and Annie Bingham
8. The Blackmore-Gott Family
9. In memory of Henry B.R. Brown
10. Helen R. Buck Foundation in memory of Meg and Austin Buck
11. Jonathan Butler in memory of Dr. John M. Butler
12. Sheldon Campbell
13. T. Wayne Cary
14. John Cholin in memory of Roger R. Cholin
15. Scott Conking in memory of Jerry S. Conking
16. Connecticut Chapter of TACF
17. Robert Cramer in honor of Lewis L. Cramer
18. Dr. Thomas Gray Curtis, Jr.
19. Stevan Dietz in honor of Dr. Albert Dietz
20. Lawrence and Genevieve Dimmitt in memory of Lawrence Dimmitt IV
21. Lawrence and Genevieve Dimmitt in memory of Charles Parkhill Lykes
22. Michael and Linda Doochin and Family
23. Robert H. Dunlap
24. The Evangelakos Family
25. Georgia Chapter of TACF
26. The J. Michel Guite Family Foundation
27. In honor of Harley and Ringer Families
28. Dr. John Hempel in memory of Robert C. Hempel
29. Dr. John Hempel in memory of Dr. William G. Lord
30. The Hoy Family
31. Janice Michelle Foundation
32. Betty Wold Johnson in honor of Marshal Case
33. Kentucky Chapter of TACF
34. The Knebel Family
35. Randolph and Grace Knight
36. The LaRoche Family
37. Lewis and Kate Lobdell in honor of Kale Partners, The Chestnut Ridge, and Pennsylvania Partners in Conservation
38. In honor of Maine Chapter of TACF
39. Mennen Environmental Foundation in honor of Gary and Lynn Anderson
40. The Myers and Smith Families
41. The Owens Family
42. Alan and Yvonne Palmer
43. The Parklands of Floyds Park in honor of George Gibbs
44. Debby Pearsall
45. Margaret Shillingford in memory of Auden Orion Rafert
46. The Dr. Gary Roop Family
47. Emily Rutherford in honor of the Rutherford, Smykal, and Cookerly Families
48. Mrs. Edwin Smoots in memory of Edwin Smoots
49. Brad Stanback and Shelli Lodge-Stanback in honor of William D. Nelson
50. Brad Stanback and Shelli Lodge-Stanback in honor of Fred J. Stanback, Jr.
51. Donald and Mary Stout Foundation
52. Timothy Sweeney
53. The Sudbury Foundation in honor of John Taft
54. West Virginia Chapter of TACF in memory of Garold W. Thumm
55. The Tobias Family
56. Rufin Van Bossuyt
57. Virginia Chapter of TACF
58. Virginia Chapter of TACF in memory of George Grover Cole
59. W. Duane Waddell in memory of Belle Bolyard Waddell and Eunice Bolyard Shaver
60. WestRock Foundation
61. WestWind Foundation
62. The Will Group in honor of Richard Will
63. Richard and Carol Will
64. Richard Will in honor of Dr. Norman Borlaug
65. Richard Will in honor of Marshal Case
66. Richard Will in honor of Dr. Al Ellingboe
67. Richard Will in honor of Dr. Fred Hebard
68. Richard Will in honor of Dr. William MacDonald
69. Richard Will in honor of Rex Mann
70. Richard Will in honor of Phil Rutter
71. Richard Will in honor of Dr. Paul H. Sisco, Jr.
72. Richard Will in honor of Brad Stanback and Shelli Lodge-Stanback
73. Richard Will in honor of James Ulring
74. Richard Will in honor of Daphne Van Schaick
75. Richard Will in honor of Volunteers of TACF
76. Richard Will in honor of Donald C. Willeke, Esq.
77. Norman Williams in memory of Arthur Williams
78. Norman Williams in memory of Norman H. Williams
79. Alan and Marilyn Youel
80. Paul Zofnass and Edward Miller
81. Stephen and Suzan Zoukis in honor of Cashiers Village



TACF  
FINANCIALS

July 1, 2020  
-  
June 30, 2021

EXCEEDING

INDUSTRY

STANDARDS



PUBLIC SUPPORT AND OTHER REVENUES

		% of Income
Contributions	\$2,786,143	74.6%
Membership	472,328	12.7%
Federal Grants	283,100	7.6%
Investment Income	126,467	3.4%
Merchandise Sales	22,789	0.6%
All Other Income	42,429	1.1%
<b>TOTAL REVENUE</b>	<b>\$3,733,256</b>	

EXPENSES

PROGRAM SERVICES

		% of Expense
External Research	\$351,834	14.7%
National Office Operations	415,205	17.4%
Marketing & Communications	104,747	4.4%
Science & Research	593,571	24.8%
Chapter & Membership	253,395	10.6%
Research Farm Operations	412,243	17.3%
<b>TOTAL PROGRAM SERVICES</b>	<b>\$2,130,995</b>	<b>89.2%</b>

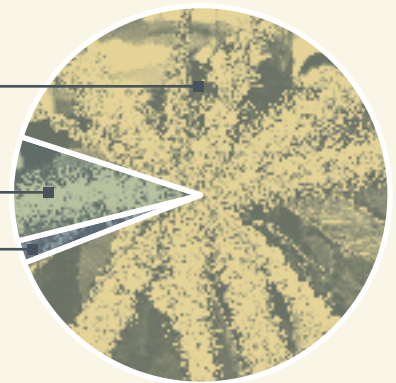
SUPPORTING SERVICES

Management & General	\$216,690	9.1%
Fundraising	\$41,192	1.7%
<b>TOTAL SUPPORTING SERVICES</b>	<b>\$257,882</b>	<b>10.3%</b>
<b>TOTAL EXPENSES</b>	<b>\$2,388,877</b>	

Total Program Services: 89.2%

Management & General: 9.1%

Fundraising: 1.7%





THE  
AMERICAN  
CHESTNUT  
FOUNDATION™

CONTACT US: [chestnut@acf.org](mailto:chestnut@acf.org) • [acf.org](http://acf.org)  
[facebook.com/americanchestnut](https://www.facebook.com/americanchestnut) • [twitter.com/chestnut1904](https://twitter.com/chestnut1904) • [instagram/tacf1983](https://www.instagram.com/tacf1983)

**TACF National Office**  
50 N. Merrimon Avenue  
Suite 115  
Asheville, NC 28804  
(828) 281-0047

**Meadowview Research Farms**  
29010 Hawthorne Drive  
Meadowview, VA 24361-3349  
(276) 944-4631

**Mid-Atlantic Regional Office**  
The American Chestnut  
Foundation  
900 Natural Resources Drive  
Charlottesville, VA 22903  
(828) 281-0047

**New England Regional Office**  
UVM Aiken Forestry Service  
Labs / USFS NRS  
705 Spear Street  
South Burlington, VT 05403  
(802) 999-8706

**North Central Regional Office**  
Pennsylvania State University  
206 Forest Resources Lab  
University Park, PA 16802  
(814) 863-7192

**Southern Regional Office**  
50 N. Merrimon Avenue  
Suite 115  
Asheville, NC 28804  
(434) 906-9312

**OFFICERS**

**CHAIR:**  
William J. (Jay) Cude, III, TN

**IMMEDIATE PAST CHAIR:**  
Michael D. Doochin, TN

**PROMOTION AND OUTREACH  
COMMITTEE CHAIR:**  
Betty McDonald Allison, NC

**TREASURER AND FINANCE  
COMMITTEE CHAIR:**  
Barbara Tormoehlen, IN

**SENIOR SCIENCE ADVISOR:**  
Kim Steiner, Ph.D., PA

**SCIENCE AND  
TECHNOLOGY CHAIR :**  
Deborah Delmer, Ph.D., NC

**LEGAL COUNSEL:**  
Donald C. Willeke, Esq., MN

**PRESIDENT & CEO:**  
Lisa Thomson, NC

**BOARD OF DIRECTORS**  
Rebecca (Becky) Carter, GA  
Hill Craddock, Ph.D., TN  
Mandy Adler Cromwell Ph.D., MA  
Deborah Delmer, Ph.D., NC  
Bruce Levine, MD  
Dennis Liu, Ph.D., NC  
Lewis Lobdell, PA  
Brian McCarthy, Ph.D., OH  
Ambassador Catherine Novelli, VA  
John Scrivani, Ph.D., VA

Jeanne Romero-Severson,  
Ph.D., IN

Bradford Stanback, NC

**EMERITUS MEMBERS**  
Essie Burnworth (posthumously)  
Gary Carver, Ph.D.

Herbert F. Darling, Jr.  
Hugh Irwin

William G. Lord, D.V.M. (d)  
William L. MacDonald, Ph.D.

Rex Mann  
Glen Rea

Rufin Van Bossuyt  
Richard Will

**HONORARY DIRECTORS**  
President Jimmy Carter  
Richard A. Jaynes, Ph.D.  
Mrs. Mary Belle Price (d)  
Peter H. Raven, Ph.D.  
Philip A. Rutter  
Edward O. Wilson, Ph.D. (d)

**STAFF**

**ASHEVILLE**  
Lisa Thomson, President & CEO  
Paul Wingefeld,  
Chief Financial Officer  
Judy Antaramian,  
Membership Manager  
Samantha Bowers,  
Director of Philanthropy and  
External Affairs

Tamia Dame,  
Communications Coordinator  
Laura Harrison,  
Gifts and Records Specialist

Cherin Marmon-Saxe,  
Operations Manager

Jules Smith,  
Director of Communications

Jared Westbrook, Ph.D.  
Director of Science

Shana Zimnoch,  
Donor Relations Manager

**MEADOWVIEW**

Eric Jenkins,  
Tree Breeding Coordinator  
Lily Kingsolver, Nursery Manager

Vasilij Lakoba, Ph.D.  
Director of Research

Dan Mckinnon,  
Director of Land Management

Jim Tolton,  
Facilities and Grounds Technician

**REGIONAL SCIENCE  
COORDINATORS**

Kendra Collins, New England  
Sara Fitzsimmons,  
North Central, and  
Director of Restoration  
Thomas Saielli, Mid-Atlantic  
Jamie Van Clief, Southern