

FOUNDATION OF THE STATE ARBORETUM
BLANDY EXPERIMENTAL FARM

FY2022 Annual Report



STATE ARBORETUM
of VIRGINIA



BLANDY
EXPERIMENTAL FARM

About Blandy

MISSION

The purpose of Blandy Experimental Farm is to increase understanding of the natural environment through research and education.

VISION

Natural systems support and increasingly are affected by humans; therefore, ecological and environmental literacy are fundamental requirements for citizens, policy-makers, and society as a whole. Blandy Experimental Farm exists to promote this understanding through education and research on plants, plant biology, ecology, evolution, the environmental sciences, and the manner in which all of these are used and affected by humans.

ABOUT THE FOUNDATION OF THE STATE ARBORETUM

The Foundation of the State Arboretum supports Blandy's research and educational goals, enhances Blandy's value as a public institution, and helps maintain the Arboretum's collections.



BLANDY EXPERIMENTAL FARM
FY 2022 AT A GLANCE
(JULY 1, 2021 THROUGH JUNE 30, 2022)



4,596

*# students served by Blandy's
Education Programs*

10 REU STUDENTS AT BLANDY

*Blandy held its 31st Research Experience for Undergraduates
(REU) program with 10 students.*

2,806

*# who attended Blandy's outreach
programs for general audiences*

2.5 ACRES

*size of "buckthorn forest"
plot undergoing native tree
restoration*

BLANDY'S ANNUAL GARDEN FAIR

*The 32nd Annual Garden Fair was held at the Clarke County
Fairgrounds.*

DIRECTOR'S LETTER



David Carr
Blandy Director

Not to alarm anyone, but FY22 was a year of red ink for Blandy. It was not unanticipated. In fact, it was quite intentional. Blandy's income comes from a number of sources, but year-in and year-out, the four most important are the Blandy Endowment (\$1,508,690 in FY 22), our state appropriation (\$304,927), the University of Virginia (\$291,716), and the Foundation of the State Arboretum (\$167,095). External grants can also be a significant source of income for programming, but grant income fluctuates much more than any of these core sources.

Our income from the state, University, and FOSA are spent each year down to the last dollar. These income sources fund Arboretum and K12 positions, graduate students, and other activities that help us deliver our mission. Grant income is also spent down to the last dollar, but on multiyear grants, the arrival of the income typically precedes most of the spending. The red ink on our balance sheet for FY22 is due primarily to this accounting asynchrony as a couple multiyear grants began to sunset.

Through careful spending, Blandy entered FY22 with a positive balance in past endowment distributions. We have used this balance in the recent past to fund some of Blandy's most ambitious capital projects. These included the construction of the lab (completed in 2012) and the construction of the new research greenhouse and two new researcher cottages (all completed in 2017). Those projects sent the balance to its lowest level in 25 years, but the balance has been gradually replenished since then. Now, five years later, it is time to crack open the piggy bank again.

This time around, spending will be going toward maintaining and remodeling buildings that are already here. During FY22 and the current Fiscal Year, we have spent to remove buildings that had outlived their usefulness. For example, we recently demolished the original research greenhouse, constructed in 1941 and abandoned for the new, modern greenhouse in 2017. FY22 saw repairs to the Hewlett Lewis Overlook Pavilion by Rattlesnake Spring. Built in 2001, the Pavilion's ADA ramp had begun to deteriorate, requiring a full rebuild. We also repainted the interiors and exteriors on the two original research cottages (built in 1999).

One of the biggest projects for the current fiscal year is the conversion of the tenant house to office space for our Arboretum staff. Arborist Chris Schmidt and her staff have suffered through many cold winters and broiling hot summers in the old “Miller Lab,” and an improved work environment for them was long overdue. The Stone Cottage, used for graduate student housing in the summer, is also in desperate need of repairs, with its exterior brick spalling from moisture damage.

It would not be prudent to spend all of the endowment balance on these repairs and improvements. The University asks me to maintain a balance of about 50 percent of our annual endowment distribution. With this constraint, we still will be able to invest in our deferred maintenance projects over the next few years. That will go a long way toward bringing some of Blandy’s historic buildings back into shape, providing a better environment for both our employees and visitors.

We will likely have to look elsewhere for funding for some of our more ambitious improvements (e.g., a new HVAC system and a new roof for the Quarters building), but you should expect to see infrastructure improvements at Blandy in the near future and maybe some more ambitious changes a little farther down the line.



DAVE CARR

DIRECTOR





Blandy Experimental Farm Financial Report

Blandy Experimental Farm - Fiscal Year 2022
(July 1, 2021 - June 30, 2022)

BEGINNING BALANCE	\$1,828,552
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INCOME	
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Revenue	\$18,903
FOSA Support	\$167,096
Gifts	\$53,142
Reimbursements	\$19,260
Grants	\$17,000
Endowment Distribution	\$1,508,690
State Support	\$304,927
Interest	\$57
UVA Support	\$291,716
Transfers	*(\$50,000)
Total Income	\$2,330,791
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EXPENSES	
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Salaries and Wages	\$1,583,947
Student Support	\$284,112
Teacher Support	\$4,486
Supplies & Services	\$349,365
Travel and Professional Development	\$33,309
Printing & Publications	\$6,400
Communications	\$21,880
Utilities	\$77,741
Equipment	\$27,463
Insurance	\$2,886
eVA Fees	\$2,786
Transfers/Recoveries	(\$7,690)
F&A Costs	\$24,157
Total Expenses	\$2,410,841
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ENDING BALANCE	\$1,748,502

This is an unaudited summary of income and expenditures from Blandy's University accounts. The audited financial statements of the University of Virginia are here: <https://evp-coo.virginia.edu/annual-financial-reports>

*Gift from Thomas R. Flory transferred to the Thomas R. Flory in Honor of Walter S. Flory, Jr. Endowment for Blandy.



EDUCATION AT BLANDY

Our Blandy education program was nearly back to normal in FY22. In FY21, due to the COVID-19 pandemic, nearly all our education programs were offered virtually, and our arboretum grounds were unusually quiet. This year, the students and teachers returned. Students were obviously happy to come to Blandy and engage in our outdoor education programs. They were jumping off the buses with big, happy grins on their faces. And we joined them!

Highlights of our year include collaborating with the Frederick County Public Schools 4th-grade Elementary Specialist team to create an outdoor-based watershed education program for the nearly 1,000 4th-grade students. We also provided training for their teachers.

The Frederick County 4th graders came to Blandy in the fall and the spring. They learned about the importance of healthy watersheds for organisms that live on the land, and in the water, and for humans! They explored how water flows within a watershed system, how some of our human activities can decrease water quality, and ways that we can reduce those negative impacts.

Students designed and tested systems to remove excess erosion from water runoff in water.

Our strong partnership with Clarke County Public Schools continued this year, the fourth and final year of our joint watershed education project with the National Oceanic and Atmospheric Administration (NOAA). Clarke County students from kindergarten to high school came to Blandy for programs.

We also collaborated with Clarke County elementary school teachers to create lessons that could be taught outdoors in their schoolyards. These young scientists observed leaf colors and shapes, insect adaptations, animal camouflage, and discovered that nature is full of natural, simple machines. "A hill is an inclined plane!", first-grade students exclaimed. Students and teachers from eight school divisions, seven private schools, and a homeschool group engaged in our programs this year—and we welcomed each and every one!

-Candace Lutzow-Felling, Director of Education



Blandy Education Program Outreach Activity, FY22



Type of Program	Number
PreK-12 School Programs	
Total Education Programs	217
Students served On-site	3,992
Students served Off-site	214
Teachers attending	217
Chaperones attending	387
School Divisions served	8
Schools served	36
Public schools	28
Private schools	7
Home schools	1
Science Fairs judged	1
Students judged	5
# served at other Outreach events	385
Professional Development & Adult Programs	
Teacher Professional Development, # attending	462
Scientist Professional Development, # attending	10
Adult Community Outreach (presentations and classes), # attending	34
Outreach Summary	
# students served	4,596
# teachers served	679
# undergraduates served	10
# adult community members served	34
TOTAL OUTREACH IMPACT (# served)	5,706
Bold #s are calculated in the total	



Blandy volunteers and staff help local school students explore science at "Worlds of Work" career exploration event.

SCIENTIFIC ENGAGEMENT AT BLANDY

There's never a dull moment at Blandy! As many pandemic-era restrictions eased, FY22 saw a return to a busy schedule of programs, talks, tours, camps, and more, all centered on exploration of the natural world. Here are a few moments from FY22 that stick out:

"This tastes...interesting?" A September program on pawpaws offered participants the opportunity to sample the fruit of this unique Appalachia native. Reviews of the fruit? Mixed. Reviews of the nature talk? Two paws up!

Science! Middle school EcoExplorers campers spent a week conducting original research on spotted lanternflies, insect pollinators, *Rubus* dispersal, and thistle herbivory.

Bigfoot or barn owl? Nighttime nature walks and programs gave participants the rare chance to explore the arboretum after hours, and to practice identifying peculiar nature noises.

Celebri-trees! The glorious golden Ginkgo Grove continued to draw crowds this fall. At least 5,000 people visited Blandy's Ginkgo Grove during the "peak" weekends in October and November. Ginkgo Guide volunteers helped visitors learn all about the natural history and cultural importance of these "celebri-trees."

-Ariel Firebaugh, Director of Scientific Engagement



Carrie Whitacre, Assistant Curator for Herbaceous Gardens, takes program participants on a tour of the Pollination Garden.



Jack Monsted, Assistant Curator, Native Plant Trail, leads a group on a walk, identifying plants along the way.

Blandy Outreach Programs for General Audiences, FY22

Outreach Activity	Number of Programs	Attendance
Camp	3	52
Expo	4	1,550
FOSA Public Programs	38	550
Talks	5	199
Tours	17	280
Classes/Workshops	9	175
TOTAL	76	2,806





UNDERGRAD RESEARCH AT BLANDY

"Just Wait Until You See Blandy When the Students Are Here"

After multiple years of pandemic impacts on Blandy's Research Experience for Undergraduates (REU) program, 2022 saw the first full cohort of REU students since 2019, admitting 10 exceptional undergraduates to the 11-week program.

Blandy's REU program invites undergraduate students from institutions across the country to study, work, and live at Blandy for the summer, gaining intensive, individually mentored research experience in ecology and environmental sciences.

I had just arrived to fill the newly created position of field station manager when it was approaching time to welcome our 2022 REU students. April and May saw Blandy abuzz with excitement and preparations. It was immediately evident that the faculty and staff really thrive during the research season.

Faculty mentors were lining up summer seminar speakers, connecting with incoming students, and considering where the summer might take their research. Buildings and Grounds staff

hustled to prepare living and workspaces to welcome resident students and faculty. The K-12 and Scientific Engagement departments planned for collaborations with REU students in their summer programming. So many people said to me, "Just wait until you see Blandy when the students are here." And they were absolutely right; Blandy comes alive in so many ways.

Our 2022 REU students were outstanding, and now we look ahead to summer 2023 with just as much excitement and energy.

--Maggie McCartney, Field Station Manager



REU students take a short break from field research.



Publications (FY2022)

Barnes, J., & Barnes, A. (2022). Cultivation, Computation, and the Morphological Intelligence of Plants: Deepening the Human-Botanical Relationship in the Landscape. *Journal of Digital Landscape Architecture*, 7. <https://doi.org/10.14627/537724003>

Barnes S, L Kirssin, E Needham, E Baharlou, DE Carr, J Ma. 2022. 3D printing of ecologically active soil structures. *Additive Manufacturing* 52:102670

De La Mater, DS, JJ Couture, JR Puzey, HJ Dalglish. 2021. Range-wide, intraspecific variation in functional traits and its effect on plant-herbivore interactions. *American Journal of Botany* 108(3): 388-401.

Haynes, K.J., Liebhold, A.M., Lefcheck, J.S., Morin, R.S., and G. Wang. 2022. Climate affects the outbreaks of a forest defoliator indirectly through its tree hosts. *Oecologia* 198: 407-418.

Hey, M.H., Epstein, H.E., and K.J. Haynes. 2021. Artificial light at night impacts the litter layer invertebrate community with no cascading effects on litter breakdown. *Frontiers in Ecology and Evolution* 9: 748983.

Liebhold, A.M., Hajek, A.E., Walter, J.A., Haynes, K.J., Elkinton, J., and R. Muzika. Historical change in the outbreak dynamics of an invading forest insect. *Biological Invasions* 24: 879-889.

Lutzow-Felling CJ and J Baker. 2022. Big Ideas and Cross-curricular Connections, revised course. An 8-hour asynchronous digital learning module developed for Virginia public school curriculum coaches and lead teachers. Course revisions included reduction of content & increased time & resources for skills practice. Produced for the Virginia Department of Education. Published on Canvas.

Lutzow-Felling CJ and J Baker. 2021. Big Ideas and Cross-curricular Connections. An 8-hour asynchronous digital learning module developed for Virginia public school curriculum coaches and lead teachers. Produced for the Virginia Department of Education. Published on Canvas.

A Long-Term Investment in Change. 2022. NOAA B-WET Program MWEE Practitioner Series. <https://www.youtube.com/watch?v=6L9WhrvlBoE&t=2s>



Grants and Fellowships (FY22)

Barnes, J. 2022. \$500. Seeing the Schoolyard: Development of a 360° Photographic Spatial Analysis Method to Assess Greenspace Condition of Schoolyards. Phi Kappa Phi Love of Learning Grant

Barnes, J. 2022. \$4,982. Greening the Schoolyard: Research in Design, Indigenous Knowledge, & Ecological Thinking. UVA Arts, Humanities, & Social Sciences Travel Grant.

Barnes, J. 2022 \$350. The Three Sisters Co-Planting as Artform. UVA Student Arts Council Grant.

Lutzow-Felling, C.J., and Y. Rivera. 2021-2022. \$20,270. Clarke to the Bay: Environmental literacy programs for Clarke County Public Schools K-12 students and their teachers. Chesapeake Bay Restoration Fund.

Carr, D.E., and H.C. Lim. 2022. \$17,000. Resource use at a critical life stage: pollen collection by queen bumblebees. 4-VA at UVA Collaborative Research Grant.

Dalglish, H.J. 2021-2022. \$16,000. William & Mary English-Stonehouse Faculty Fellowship to support faculty mentored undergraduate research. College of William & Mary.

Munkres, I. 2021. \$4,979. Connecting Insect Pollinators, the Flower Nectar Microbiome, and Pollination Success Using the Monarch Butterfly and Common Milkweed as a Model System. Office of Sustainability. College of William & Mary.

Rodenberg, C.A. 2021. \$34,000. EXPAND Research Traineeship Fellowship, National Science Foundation.

Rodenberg, C.A. 2022. \$5,125. Effects of increased temperature and precipitation on fungal-pathogen-induced mortality. Jefferson Conservation Award. Department of Environmental Sciences, University of Virginia.

FACULTY, STAFF, & RESEARCHERS

Faculty

David Carr, Research Professor & Director

Howard Epstein, Professor & Chair

Kyle Haynes, Research Professor & Associate
Director

Candace Lutzow-Felling, Lecturer, Director
of Education, School Programs

T'ai Roulston, Research Associate Professor
and Curator

Visiting Faculty (July 2021 -- June 2022)

Jennifer Chandler, West Chester University

Patrick Crumrine, Rowan University

Harmony Dagleish, College of William and Mary

Allyson Degrassi, Shenandoah University

Rebecca Forkner, George Mason University

Daniel Hanley, George Mason University

Abby Kula, Mount St. Mary's University

Anne Marchant, Shenandoah University

Mary McKenna, Howard University

Margarita Lopez-Uribe, Pennsylvania State
University

Eric Sakowski, Mount St. Mary's University

Melissa Zwick, Stockton University

Staff (July 2021-June 2022)

Alberto Arcos Rodriguez,

Buildings Maintenance Supervisor

Robin Couch Cardillo, FOSA Director

Luciana Codella, Arboretum Specialist

Stefany Feldbusch, Environmental Educator

Ariel Firebaugh, Director of Scientific
Engagement

Emily Ford, Lead Environmental Educator

Brandon Fox, Buildings Superintendent

Stephanie Fox, General Services Technician

Ann Hirschy, Weekend Visitor Services Aide

Lillian Ledford, Environmental Educator

Jared Manzo, Arboretum Specialist

Donald "Mike" Marlow, Groundsworker

Judy Masi, Program Finance &
Administration Manager

Maggie McCartney, Field Station Manager

Jack Monsted, Assistant Curator, Native
Plant Trail

Sue Ridley, FOSA Administrative Specialist

Chris Schmidt, Arborist

William Spinrad, Weekend Visitor Services Aide

Stephanie Swaim, Public Relations &
Marketing Coordinator

Carrie Whitacre, Assistant Curator,
Herbaceous Gardens

Robbin Winkler Arnold, Weekend Visitor
Services Aide

Karen York, VNPS Office Manager

Chris Youngs, Grounds Coordinator

STUDENTS AND VISITING RESEARCHERS ACADEMIC YEAR 2021-22 AND SUMMER 2022

Andrei Abelev, Researcher

Emma Ainsworth, REU

Skye Austin, REU

Samira Ayala, High School Intern

Ashley Barkley, REU

James Barnes, Graduate Researcher

Anna Bellis, Undergraduate Researcher

Zoe Bergman, Graduate Researcher

Willi Buma, Researcher

Jemima Elsherbini, Graduate Researcher

Caleb Freeman, REU

Casey Greenburg, REU

Grace Gutierrez, Graduate Researcher

Emily Hall, Undergraduate Researcher

Elise Heffernan, Graduate Researcher

Silas Hernandez, REU

Kelsey Huelsman, Graduate Researcher

Quentin Jamison, Graduate Researcher

Reagan Johnson, Horticultural Intern

Anne Larsen, Volunteer Researcher

Kate LeCroy, Graduate Researcher

Robert Liang, Researcher

David Lovett, REU

Hannah Machiorlete, Graduate Researcher

Kapilan Mahalingam, Graduate Researcher

William Marchant, Researcher

Moriah McKenna, Graduate Researcher

Trina Merrick, Researcher

Lindsey Monteith, REU

Ivan Munkres, Graduate Researcher

Julia Owens, REU

Allie Parisien, Graduate Researcher

Mia Perry, Undergraduate Researcher

Isabella Petitta, Graduate Researcher

Stephanie Petrovick, Graduate Researcher

Catherine Porter, Graduate Researcher

Clare Rodenberg, Graduate Researcher

Esteban Rosario Sanchez, REU

Josephine Saikali, Undergraduate Researcher

Kelsey Schoenemann, Graduate Researcher

Avehi Singh, Graduate Researcher

Amber Slatosky, Graduate Researcher

Emily Spindler, Graduate Researcher

Christine Swanson, Researcher

Preston Thompson, Graduate Researcher

Michael Vermillion, Researcher

Juliana Villa, Graduate Researcher

Martina Watson, Undergraduate Researcher

Carson Zombro, High School Intern



FOSA PRESIDENT'S LETTER



Josephine "Jolly" de Give
FOSA President

Re-Focused, Re-Energized, and Stronger

At the Foundation of the State Arboretum's 2022 Annual Meeting in June, we celebrated being able to convene in person once again, making strides following the Covid pandemic lock-down. I am happy to report that as we emerged from that unprecedented time we are re-focused, re-energized, and stronger.

Blandy continues to be important for people's physical and mental health, as testified by the tens of thousands of visitors each year who come to enjoy Blandy's open space, nature and beauty, and the increase in visitors during the pandemic.

We were able to revive in-person programs for adults and school children, fund several graduate students and interns, and re-open our summer camps.

Highlights include:

- FOSA was able to fund three on-campus summer graduate students with the help of a targeted endowment as well as a gift from Board member Beatrice von Gontard. We also funded one undergraduate summer intern who learned about the environment as she assisted in the gardens and with summer camp activities. And through the generosity of the James R. Wilkins Charitable Trust, we once again were able to host two summer high school interns working with scientists in our laboratory.
- In October of 2021, a magical new fall event unique to Blandy premiered - GinkgoFest - replacing Nature Nurtures. This evening party in the illuminated Ginkgo Grove was spearheaded by Board member Paul Miller and the Events Committee. It was such a success that it will be known as the "first annual" GinkgoFest. It also helped financially.
- Our major fundraiser and most popular event, the Mother's Day weekend Garden Fair, was held in 2022 for the second year at the Clarke County Fairgrounds. It was very

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well attended by enthusiastic gardeners despite the rather rainy weekend, and also generated significant revenues for our coffers.

- Our popular public programs, workshops and guided walks were able to resume in person. The Public Programs Committee, under the leadership of Board member Alex Newhart, worked diligently with Director of Scientific Engagement Ariel Firebaugh to develop a roster of fascinating programs.
- We hired a Public Relations and Marketing Coordinator, Stephanie Swaim, to bring our public outreach into the digital age. As Blandy includes the State Arboretum, this capability will help bring us closer to all areas of Virginia.

Speaking of our coffers, I want to highlight two notable grants that FOSA received this year for Blandy:

- The Alumni Board of Trustees of the UVA Endowment Fund gave FOSA a generous grant of \$40,000 for tree cultivation, conservation, and research, including efforts to combat invasive species, thanks to Susan Harris, one of the UVA representatives on the FOSA Board.
- The Stanley Smith Horticultural Trust awarded FOSA a \$20,000 grant for renovation of the Walter Flory Memorial Iris Garden. This was due to research and a proposal written by FOSA Vice President Nancy Takahashi and Blandy Assistant Curator of Herbaceous Gardens Carrie Whitacre.

Here are some other major accomplishments in 2021-2022:

- Worked to get our financial books in order. During the pandemic, FOSA's Treasurer Charles Ellison and the Finance Committee took a critical look at our finances, identifying where we could cut costs and increase revenues, including re-evaluating and re-aligning staff positions as vacancies occurred. Now that we are beginning to run on a more even keel financially, they have continued to work with our bookkeeper and auditors to make our financial structure more transparent so that we can use our funds more effectively.
- Undertook a comprehensive study of the status and needs for elements/spaces along the Central Core Axis – the north-south axis that runs from the north front of the Quarters building to the stepped garden terraces at the south end. This was the work of Board members Roger Courtenay and Nancy Takahashi, assisted by a UVA graduate student in Landscape Architecture.
- Enhanced the landscape around the Peetwood Pavilion, adding native plants and stone walls for outdoor seating, thanks to the work of the Collections Committee under the leadership of Nancy Takahashi.
- Added a new Volunteerism Committee with Board member Mary Olien as Chair. This committee is working to revive our volunteer participation after the Covid shutdown and to expand the number of ways volunteers can participate in Blandy's mission.
- Hired a PhD candidate at Howard University, Antonio Austin, to conduct research during the summer on the enslaved people at Blandy. This was after a probable cemetery for enslaved people was identified on the property with ground-penetrating radar.

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- Designated the American Sycamore as Tree of the Year in the fourth annual Arbor Day ceremony.
- Continued to maintain and upgrade the popular equestrian trails, with an eye to improving trail routes and communications with riders, thanks to the Equestrian Committee under the leadership of Sylvia Wilson.
- Although we warmly welcome canine companions, Blandy is such a popular dog walking destination that we have instituted a leash rule to avoid conflicts. We have also added a Dog Membership category.
- Created a StoryWalk® Trail, which has been incredibly popular with young children and their parents and grandparents.



Alex Newhart and Jolly de Giv plant an American Sycamore, Blandy's 2022 Tree of the Year, on Arbor Day.

We have also begun to plan for the future by:

- Reviewing FOSA's Strategic Plan to see how we can best implement our mission to support Blandy's research and educational goals, to sustain the Arboretum's collections, and to enhance Blandy's value as a public institution.
- Conducting a Visioning Exercise to assess the full picture of needed improvements and projects for Blandy Farm and the State Arboretum over the long term. This exercise was led by Nancy Takahashi and Board member Tom Leback.
- Exploring the feasibility of a capital campaign to help realize the long-term vision.

On behalf of Blandy's hundreds of thousands of users, and speaking personally, I would like to thank the many participants who helped us navigate our way successfully through this year: first and foremost, the staff of FOSA and Blandy; second, our active committees who have worked tirelessly to help accomplish our mission in new and creative ways; third, our wonderful volunteers, who make so much possible; and last but not least, FOSA's Board members who have been most supportive, giving generously of their time, talent, and treasure.

Before I conclude, I want to acknowledge the passing during 2021 of two of our most loyal and beloved volunteers. Jim Wyatt, who with his wife Kathy Clark put in countless hours at Blandy for more than 30 years, died in August at the age of 87. Mac Stiff died in November at the age of 97. Mac met his wife Anne when they were both students at Blandy in 1949. He spent almost 50 years volunteering at Blandy. FOSA Board member Bob Lee affectionately said that, for Mac and Anne, Blandy was like the Hotel California: "You can check out, but you can never leave."

Jolly de Giv

JOLLY DE GIVE

FOSA PRESIDENT

FOUNDATION OF THE STATE ARBORETUM

Volunteers, donors, and friends help the Foundation of the State Arboretum further our mission.

Foundation of the State Arboretum Board of Directors, 2021-2022

Officers

Josephine "Jolly" de Give, President
Nancy Takahashi, Vice President
Charles Ellison, Treasurer
Heather Dudley, Secretary
J. Stephen Bauserman, Past President

Board Members

David Carr	Scott Johnston
Roger Courtenay	Tom Leback
J.J. Davis	G. Robert Lee
Karla Etten	Paul C. Miller
Carolyn Farouki	Alex Newhart
Thom Flory	Mary Olien
M. Tyson Gilpin Jr.	Frederick "Fritz" Reuter II
Kathleen Groover	Tracy Smith
Celie Harris	Elsie Wilson Thompson
Susan Harris	Beatrice von Gontard
Kevin Hessberg	Sandy Wilson

Each year, volunteers, donors, and friends help to further our mission of supporting research, environmental education, and outreach at Blandy Experimental Farm and the State Arboretum of Virginia. Unrestricted gifts of all sizes allow FOSA latitude in applying funds where most needed while FOSA volunteers help in the gardens, at special events, and through boards and committees.

FOSA Committee Chairs

Arboretum Collections, Nancy Takahashi
Development & Membership, Paul Miller
Equestrian, Sylvia Wilson, Roger Courtenay
Events, Paul Miller
Executive, Josephine "Jolly" de Give
Finance, Charles Ellison
Government & UVA Relations, G. Robert Lee
Public Programs, Alex Newhart
Nominating, G. Robert Lee
Volunteerism, Mary Olien

FOSA Director

Robin Couch Cardillo

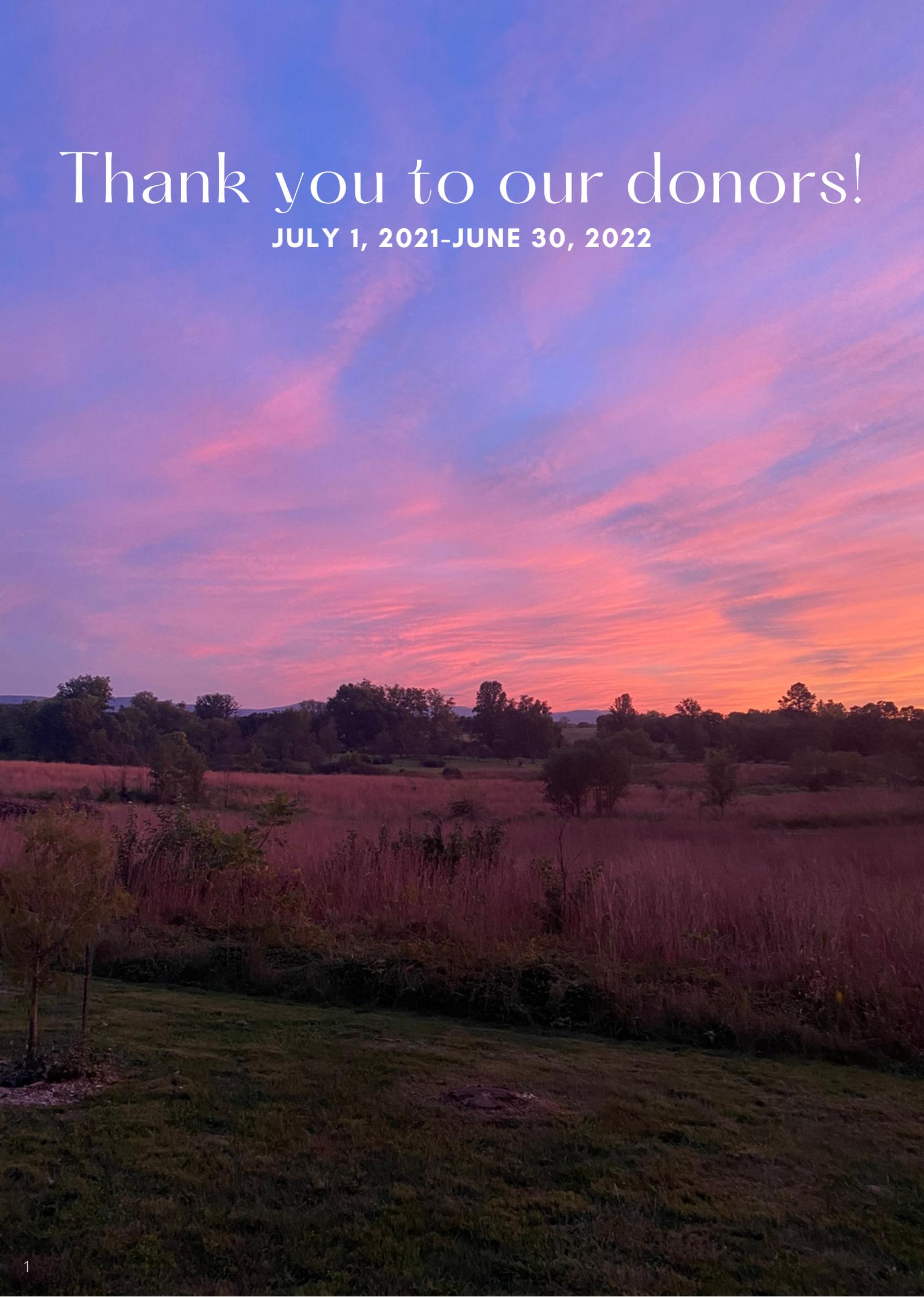




Foundation of the State Arboretum FY22 Financial Statement

NET ASSETS	Without Donor Restrictions	With Donor Restrictions	TOTAL		
Net Assets as of 7/1/21	-\$71,449	\$1,235,897	\$1,164,448		
Change in Net Assets	\$34,399	-\$29,352	\$5,047		
Net Assets as of 6/30/22	-\$37,050	\$1,206,545	\$1,169,495		
REVENUE AND SUPPORT		Without Donor Restrictions	With Donor Restrictions	TOTAL	
Contributions		\$106,835	\$96,835	\$203,670	
Membership		\$23,847	---	\$23,847	
Investment Return, Net		-\$1,936	-\$33,080	-\$35,016	
Public Program Fees		\$23,511	---	\$23,511	
Other Income		\$29	---	\$29	
Fundraising Events (Net Expenses of \$32,231)		\$51,579	---	\$51,579	
Net Assets Released from Restrictions		\$93,107	-\$93,107	---	
TOTAL		\$296,972	-\$29,352	\$267,620	
FUNCTIONAL EXPENSES		Program Services	Management and General	Fund-raising	TOTAL
Administrative Expenses		---	\$11,434	---	\$11,434
Collection and Grounds Improvement		\$95,659	---	---	\$95,659
Public Program Expenses		\$5,012	---	\$3,038	\$8,050
Research Experience		\$2,126	---	---	\$2,126
Public Information		\$7,176	\$27,466	---	\$34,642
Support of Blandy and State Arboretum		\$110,662	---	---	\$110,662
TOTAL		\$220,635	\$38,900	\$3,038	\$262,573
LIABILITIES AND ASSETS					
Liabilities, accounts payable		\$24,746			
Net Assets					
Net Assets without Donor Restrictions as of 6/30/22		\$-37,050			
Net Assets with Donor Restrictions as of 6/30/22		\$1,206,545			
Total Net Assets		\$1,169,495			
Total Liabilities and Net Assets		\$1,194,241			

This summary is based on the Foundation's professionally reviewed financial statements, which are available upon request.



Thank you to our donors!

JULY 1, 2021-JUNE 30, 2022

GINKGO GUILD
(\$5,000+ UNRESTRICTED GIVING)

Appreciation of Earth and Animal Foundation
The Friendship Fund
Elsie Wilson Thompson
Wise Foundation

SILVERBELL CIRCLE
(\$2,500-\$4,999 UNRESTRICTED GIVING)

James Knowles
Patricia Robinson

BLANDY SOCIETY
(\$1,000-\$2,499 UNRESTRICTED GIVING)

Mr. and Mrs. Frederick Andrea
William M. Backer Foundation
Deborah and J. Stephen Bauserman
Kem and Roger Courtenay
Josephine "Jolly" de Give
Elizabeth L. Dudley
The Andrew U. Ferrari Foundation
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Adam Foster
M. Tyson Gilpin, Jr.
Sandra and Theodore Guarriello, Jr.
Celie and Jeffrey Harris
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Sue Kellon and G. Robert Lee
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Mr. and Mrs. Robert Menuet
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Grace Ritzenberg and Tom Wakeley
Louise Sinclair
Nancy Takahashi
Mr. and Mrs. George W. Taliaferro, Jr.
Irene Upshur
Joseph Volpe, III
Alexandra Wilson and Robert Pettit
Sylvia Wilson
Melissa Zwick and Patrick Crumrine

UNRESTRICTED GIVING (IN ALPHABETICAL ORDER)

Roger and Judy Aaron
Nancy and Gary Adams
Susie T. Adams
Bill Aiton and Tracie Graehl
Nancy Aker
Loretta Allison
Vicki Althaus
Joyce and Nathaniel Ames
Sally Anderson and Richard Cooper
Annandale High School Class of 1971
Susan Bailey
Sandra Bailey
Larry Baker
Kathryn Baker
Christopher Ballard
Robert Ballard
Barbara Baltz
Jill Barker
Liz Barratt-Brown and Bos Dewey
Nicole Bastian
Vicki and Allen Baturay
Alan Bayersdorfer and
Cyane Gresham
Paula and Robert Becker
Chrissie and Ronald Beck
Mr. and Mrs. Harry Benham
Sandra Bittner
Charlene and Mars Blount
Kathy and Keith Boi
Melinda Ondrus and Mike Bollin
Kay Boyce
Katherine Briggs
Rebecca Bronson
Paul Brosnahan
Katharine and Stuart Brown
Debra Brown
Audrey Brown and Chris Bates
Bruce Bryant
Sylvia and James Buchanan
Daniel Buckelew
The Buckley Family Endowment, Inc.
Loretta and James Bullock
Joseph Burns
Jeff Burrige and Donald Popcke
Thanh Buswell
Stephen Butler
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Mary E. Callar
Robin Couch Cardillo
Judith Masi and David Carr
Austin and Cecillia Carroll
Charles and Geraldine Carroll
Page and John Carter
Carol and Donald Casavecchia
Joyce and Charles Casey
Clara Cebrai-Marani
Centennial Garden Club
Elaine Chrisman
Martha Christian and Margaret Kingdon
Bonnie Clark
Kathy Clark
Robert and Susan Claytor
Judith Coleman
Joan Colligan
Beverly and Leland Collins
Caroline and Bertrand Collomb
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Northern Fauquier Counties
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Mary K. Conaway
Harriett and David Condon
Charlotte Connell
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Drs. John and Elizabeth Cottrell
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Theresa and Jerome Dabrowski
Erin Dale
Philip and Ellen Daley
Rod and Ann Marie De Arment
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Annette and Alfred Doktor
Stefan Donner
Rochelle Dornatt
Donna and Bruce Downing
Chris Drew
Helen and Randolph Duane
Peggy Duvall
Charles and Jennifer Ellison
Janet Eltinge and E.H. Van Wyck
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William Erbach

UNRESTRICTED GIVING (CONT.)

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Mary Garlock	Ann St. Clair Lesman and Robert Lesman	Joanna Petty
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Maureen and Bruce Hackert	Tong Massey	Dana and Turner Reuter
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Pam Klein	Ladan Paul	Sarah Thompson
Anna Knight	Barbara Payne-Booze	Margaret Tipton

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Jerimiah and Christy Trinidad
Mary S. Triplette
Scott Truax
Laurel Tschirgi and Mark Schroeder
Dennis Utterback and Carol Myers
Blanca Vandervoort
Stephen S. Vann
Virginia Master Naturalists Shen. Chapter
Melanie Vought
Laurie Wakefield
Laure and Donald Wallace
William Ward
Mary Ellen Warlow
Joanne Waters
Georgiana and Michael Watt
Mitty Watters
Mischele Way
Rupert Werner
Laura West
Janet Weston and Bill Sullivan
Charlotte Casey and Robert Wever
Janet Wheatcraft
Stacey Whited
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Teresa Yancey Crane
Mary Beth and Stephen Yarbrough
Alice T. York
Zita and Edmund Zduoba
Irene Zolnaski

UNRESTRICTED HONORARY/MEMORIALS

In Honor of Beverley Byrd & Keith Harrington
Mary and J. Donald Shockey, Jr.

In Honor of Blandy Graduate Students
Daniele and Jeffrey Robbins

In Honor of Kathy Clark
Donna and Bruce Downing
Mark D. Wyatt and Carol A. Kraus

In Honor of Jolly de Give
Alan Bayersdorfer and Cyane Gresham

In Honor of Dira Nelson Ensminger
Luther Ensminger, Jr.

In Honor of Tim Farmer
Marion B. Lobstein

In Honor of Betty and John Lumpkin
Chris Lumpkin and Stan McCulloch

In Honor of Mary and Bill Olien
Cheryl Gracey and Steve Carroll

In Honor of Dr. Frederick T. Reuter
Frederick "Fritz" Reuter, III

In Honor of Chris Schmidt
Virginia L. Mackay-Smith

In Memory of Sam Adams
Susie T. Adams

In Memory of Robert L. Calhoun
Sandra B. Calhoun
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In Memory of Theo J. Guarriello III
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Kathryn Hallett

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Matthew Leatherman

In Memory of Bobby Logan
Sharon E. Logan

In Memory of Adrienne McKenna
Kathleen Perry

In Memory of Susan Metz
Bonnie Clark
Donna and Bruce Downing
Noreen Harriet
Theresa Jacobson
Wietse Mulder, PhD
Blanca Ponce
Douglas Townshend
Laurie Wakefield
William Ward

In Memory of Jill and Paul Peters
Annandale High School Class of 1971
Michael Gassmann
Maureen and Bruce Hackert
Linda Loomis
Marguerite Pickering

In Memory of Herb Petty
Joanna Petty

In Memory of Dwight Reynolds
Rachel Ludwig

*In Memory of Marsha Eisenberg
Savolainen*
Charlene and Mars Blount

In Memory of McHenry L. Stiff, III
Chrissie and Ronald Beck
Kathy Clark
Joan Colligan
Donna and Bruce Downing
Richard C. Johnson
Alice and Richard Lloyd
Judith Masi and David Carr
Mary and Bill Olien
Nancy Sanders and Tim Farmer
Silvia J. Wilson

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Anne Langbein Stiff*
Alice and Richard Lloyd

In Memory of George Sutton
Carol and Donald Casavecchia

In Memory of Jennifer Vann
Stephen S. Vann

In Memory of Dr. Thomas W. Whitaker
Dr. Mary S. Triplette



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Sue Balc
Loudoun Composting

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In Memory of Jim Wyatt (Endowment)
Sally C. Anderson and Richard Cooper
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Joan A. Cameron
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Josephine de Give
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Jim and SanDee Shea
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McHenry L. Stiff, III (D)
Nancy A. Takahashi
Blanca Vandervoort
Valerie ad Dean Vosters
Sylvia J. Wilson
Cynthia Wyatt
Mark D. Wyatt and Carol A. Kraus

In Memory of Herb Petty
(Native Plant Trail)
Joanna Petty

In Memory of McHenry L. Stiff, III
(Gardens & Grounds)
Mary and Bill Olien



MEMORIAL TREES

In Memory of Jessica Anne Davison
Tom and Laura Davison

In Memory of McHenry L. Stiff, III
John Stiff

RESTRICTED GIFTS

Bauserman Transportation Fund
Anonymous

In Honor of Blandy Graduate Students
(Peetwood Pavilion)
Scott LeCroy

Collections Maintenance and Care
American Conifer Society/
Southeast Region

Equestrian Trail
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Greenway Garden Club
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Piedmont Chapter
Winchester Clarke Garden Club

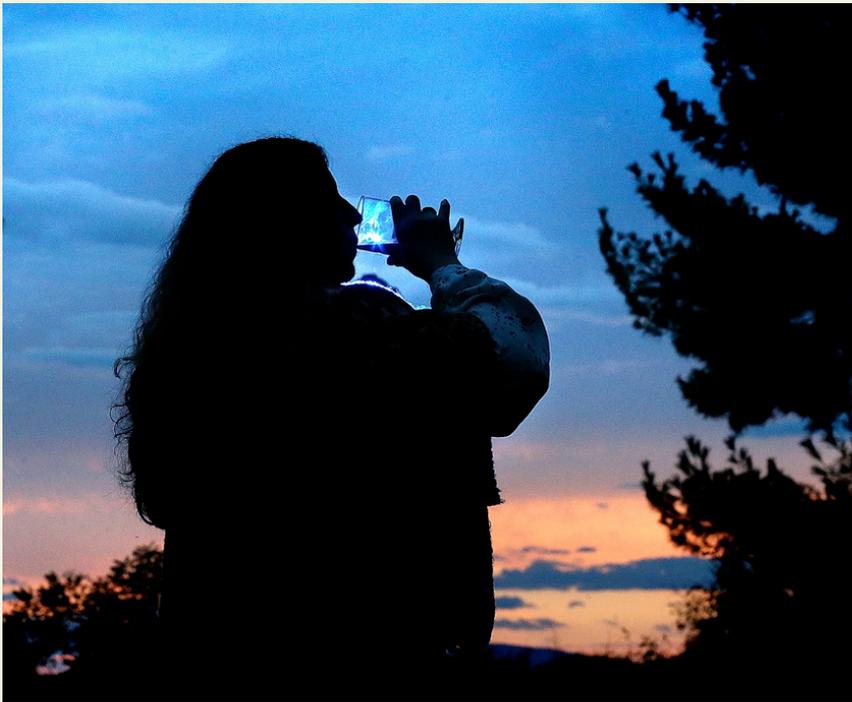
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Scott Dougherty

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*FOSA sincerely attempts to
acknowledge all gifts received.
We regret any errors or omissions
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STATE ARBORETUM
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