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- **ANNE HARRIS**  
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- **SIMS PRESTON**  
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- **JENNIFER PETERSON**  
  Communications & Visitor Experience

- **DAN STERN**  
  Horticulture

- **ALAN WEAKLEY**  
  Herbarium

## By the Numbers

### CATEGORY  
#### 2022-23

<table>
<thead>
<tr>
<th>MEMBERSHIPS</th>
<th>2,920</th>
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</thead>
<tbody>
<tr>
<td>SUPPORTERS</td>
<td>4,954</td>
</tr>
</tbody>
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### COMMUNICATIONS

- **E-NEWSLETTER SUBSCRIBERS**  
  21,319

- **FACEBOOK FOLLOWERS**  
  17,463

- **TWITTER FOLLOWERS**  
  2,923

- **INSTAGRAM FOLLOWERS**  
  16,068

### EDUCATION and OUTREACH

- **EXTERNAL SPEAKING ENGAGEMENTS**  
  85

- **ADULT PROGRAMS**  
  162

- **YOUTH & FAMILY PROGRAMS**  
  80

- **SCHOOL PROGRAMS**  
  38

- **EDUCATION PROGRAM PARTICIPANTS**  
  9,530

- **THERAPEUTIC HORTICULTURE SESSIONS**  
  145

- **CAROLINA CAMPUS COMMUNITY GARDEN**  
  5,576 lbs.

- **EDIBLE CAMPUS STUDENT VOLUNTEER HOURS**  
  1,856

### HORTICULTURE

- **PLANT SALE REVENUE**  
  $189,030

- **PLANTS SOLD**  
  16,050

- **SEED PACKETS DISTRIBUTED**  
  15,222

- **GREEN GARDENER INQUIRIES**  
  125

### RESEARCH

- **NUMBER OF SPECIES SEED BANKED**  
  140

- **SEEDS COLLECTED**  
  over 4 million

- **SPECIES GROWN IN INCREASE PLOTS**  
  25

- **HERBARIUM SPECIMENS ACCESSIONED**  
  3,659

- **HERBARIUM SPECIMENS LOANED**  
  6,408

- **HERBARIUM-RELATED PUBLICATIONS**  
  23

- **SCIENTIFIC (PEER-REVIEWED) PUBLICATIONS**  
  15

- **GRANTS & CONTRACTS**  
  19

### UNIVERSITY SERVICE

- **COURSES TAUGHT**  
  3

- **GRADUATE COMMITTEES**  
  8

- **GUEST LECTURES**  
  12

- **STUDENT INTERNSHIPS**  
  19

- **WORK-STUDY STUDENTS**  
  45

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**MISSION**

To inspire understanding, appreciation, and conservation of plants and to advance a sustainable relationship between people and nature.
Dear Friend of the North Carolina Botanical Garden,

As the calendar year draws to a close, I am pleased to share the Garden’s once yearly accounting of accomplishments for the fiscal year ending June 30, 2023. As I reflect on these achievements, I am reminded that the Garden is part of a larger community and it is that community that makes it possible for the Garden to fulfill its mission to “inspire understanding, appreciation, and conservation of plants and advance a sustainable relationship between people and nature.”

In this annual report, you will learn how…

The Conservation program is serving the biological community by stewarding a growing list of preserves, natural areas, and conservation easements including the addition of 24.7 acres to the Stillhouse Bottom Natural Area, supporting state agencies, land trusts, and farmers by providing seed for restoration, helping develop a native seed network for the Southeastern U.S., and reintroducing rare plants like seabeach amaranthus (Amaranthus pumilus) and smooth coneflower (Echinacea laevigata) back into their biological communities.

In addition to providing multiple places where the community can connect to nature, the Horticulture program serves the community by playing a major role in the Garden’s educational programming including Conservation Gardening 101, serving as guest lecturers for university classes, and giving numerous talks to garden clubs and other organizations while simultaneously meeting the community’s growing demand for native plants and seed, and developing new gardens to meet the needs of community partners like the UNC American Indian Center.

Learning & Community Engagement is serving the community with school field trips, the ever-popular Camp Flytrap, public lectures, and adult education programs ranging from nature studies and home gardening to health and wellness and people-plant connections. This year also saw the successful launch of Project Budburst, a community science program focused on pollinators and climate involving five community partners.

Our Outreach programs are addressing food insecurity issues in the community through the Carolina Community Garden and Edible Campus UNC, leading the nation with development of the first fully online Certificate in Therapeutic Horticulture, advising other universities around the U.S. and Europe who want to replicate our programs, and developing fruitful partnerships with the tribal communities in North Carolina.

The Herbarium is bringing botanical knowledge and skills to communities at all levels of experience by developing floras and floristic tools to support conservation in the Southeastern U.S., sharing their knowledge with the university community by teaching courses and advising graduate students, and increasing our knowledge of plant communities by describing species new to science.

Be it plants, pollinators, or people, the North Carolina Botanical Garden is all about communities. Thank you for supporting us and being a part of what we do to serve them.

Sincerely Yours,

Damon Waitt
Director, North Carolina Botanical Garden
Our conservation program protects and manages land, conducts applied research in ecological restoration and seed storage, and grows plant materials for restoration projects.

**Plant Materials**
Our Plant Materials of the Atlantic Southeast (PMAS) program’s new name illustrates our work’s reach as we increase the diversity of ecotypes available for restoration. Our technicians, Sophie Meng and Amanda Hofmann, continued collecting seeds throughout the Carolinas and Virginia, increasing the number of species represented (246) and banking millions of seeds. Emma Marzolf, conservation grower, continued to maintain seed increase beds to provide seeds for restoration and production-scale farms. Additionally, she began trials to assess the traits and techniques that will help transition species into larger production. Behind the scenes, we are helping partners build a southeast native seed network and creating a national organization of restoration seed banks.

At the local level, PMAS produced 6,000 plants for use in habitat restoration on area nature preserves. These plants are destined for the Penny’s Bend Nature Preserve as well as properties of the Triangle Land Conservancy, the NC Plant Conservation Program, and the Eno River Association. We continue to provide plants to RAFI and the Farmers of Color Network for alternative crops. PMAS continues to be supported by a grant from the Burt’s Bees Greater Good Foundation in addition to Syngenta, private donations, and plant and seed sales.

**Natural Areas**
In FY23, retired director of conservation Johnny Randall worked with the North Carolina Botanical Garden Foundation to successfully add 24.7 acres to the Stillhouse Bottom Natural Area. Known as the Raney Preserve, property doubled the size of the natural area. The acquisition was made possible through a grant from the NC Land & Water Fund and contributions from the community and conservation organizations. Restoration on the property began immediately with the eradication of three acres of invasive *Wisteria* spp. Natural area manager Neville Handel oversaw this work that involved contracted forestry mulching equipment to reduce the largest stands and hand treatments on resprouting plants and the vines climbing trees along the edges.

Installation of new kiosks and signage began at Battle Park and the Raney Preserve, thanks to natural area steward Ben Heuser and a team of volunteers and summer interns. The kiosks will improve access to the natural areas by providing visitors a consistent guide to points of entry and valuable information about the trails.

**Rare Plant Conservation and Research**
Restoration of seabeach amaranth (*Amaranthus pumilus*) continued with support from the National Park Service. This year, we planted over 2,000 seeds of this federally threatened species on Cape Hatteras National Seashore to aid in the recovery of populations, which have been gone from the area since the early 2000s. Led by director of conservation Mike Kunz, the project also seeks to improve how we restore this rare species and gain a better understanding of its ecology. We received additional funding from the US Fish and Wildlife Service to continue this research and restoration for two more years, including increasing the number of seeds in our seed bank.

We continue investigating the role of fire and management actions on populations of smooth coneflower (*Echinacea laevigata*), Schweinitz’s sunflower (*Helianthus schweinitzii*), and Sandhills milkvetch (*Astragalus michauxii*). These projects bring together researchers and practitioners from NC State University, NC Plant Conservation Program, and the US Fish and Wildlife Service. In further partnership with the NC Natural Heritage Program and the NC Department of Transportation, we are safeguarding and growing Plymouth rose gentian (*Sabatia kennedyana*) and spring flowering goldenrod (*Solidago verna*), that will be returned to the wild after their natural habitat has been impacted by construction.

Our plant conservation technicians, Sophie and Amanda, have made several scouting and seed-collecting trips to the Nantahala National Forest this year for Plant Materials of the Atlantic Southeast (PMAS), our native plant materials development program.
The horticulture program is responsible for the care and collections management of 17 acres of gardens at 100 Old Mason Farm Road, including habitat collections, ornamental displays of native species, an herb garden and plant families garden. The program manages the five-acre Coker Arboretum, a 120-year-old collection of southeastern trees and their Asian relatives located in the center of campus of the University of North Carolina at Chapel Hill. Horticulture also manages robust seed collection and plant propagation programs that collect, clean, and distribute seed of southeastern natives and produce thousands of native plants each year that are purchased by gardeners and local landscapers.

**Plant & Seed Sales**

We’ve been delighted by the continued high demand for southeastern native plants and seeds. We introduced timed-entry to our major plant sale events to help us more gracefully manage record-high attendance and have received a lot of positive feedback on the improved customer experience. We also began using a color-coded price tag system to make checkout faster and, because we can reuse them, we have reduced the number of printed plant labels we consume, too! Through our spring and fall plant sale events, the daily plant sale, and back-of-house sales to contractors, we sold over 16,000 plants this year. The demand for native seed packets continues to grow as well, and we set a new record of over 6,000 seed packets sold through the Garden Shop. Taken together with our members’ seed benefit and the Wildflower of the Year programs, we distributed over 15,000 seed packets this year. The revenue generated from plant and seed sales at NCBG in FY23 was over $189,000.

**Education and Outreach**

The horticulture department continues to play a major role in the garden’s educational programming including delivering our Conservation Gardening 101 series twice each year, classes on container gardening, gardening with native grasses, native seed collection and plant propagation, and local tree identification. Horticulture staff served as guest lecturers in college classes including an herbaceous perennials class for a horticulture course at NC State, a science journalism unit on invasive species for an English course at UNC, and several classes in UNC’s course on Plant Conservation Science and Practice and the Conservation Garden. Horticulture staff gave several talks to local garden clubs, led a tour of Morrow Mountain State Park for members of the North Carolina Native Plant Society, and provided customized tours of our display gardens and nursery operations to visiting professionals.

**Project Budburst**

Horticulture teamed up with learning & community engagement to serve as a regional hub in Project Budburst’s “Pollinators and Climate” community science project. Based at the Chicago Botanic Garden, Project Budburst studies how human impacts affect plants and the ecosystem. Working with five community partners, we ran satellite Budburst programs focusing on pollinators and climate. We served 950 people, enhanced five pollinator garden sites, and inspired participants to take action for native plants and pollinators.

**The Coker Arbor**

A much needed renovation of the historic 300-foot long arbor that runs along Cameron Avenue through the heart of UNC’s campus and defines the southern edge of the Coker Arboretum is underway. Last fall, we removed the old arbor and reopened the walkway while we worked through the design process for the renovation of the site. UNC Facilities is partnering on this project to upgrade the walkway beneath the arbor, improving accessibility and increasing visibility into the arboretum. A combination of black locust columns and steel roofing components will be used to preserve the rustic quality of this iconic campus landmark while also improving its performance and longevity. Design work is complete, and we put the project out to bid in Fall 2023 with construction expected to begin in 2024.
The education program has a new name, reflecting our commitment to listen to and work with our diverse community and their educational interests. Learning & Community Engagement also better describes our range of programs, such as the Carolina Community Garden, Edible Campus UNC, and Therapeutic Horticulture, and our strong partnership with the American Indian Center at UNC.

We support the Garden’s mission by providing creative learning experiences that increase environmental and conservation literacy, strengthen connection to the outdoors, and improve the well-being of participants, the community, and the planet through free and fee-based education programs and community engagement activities.

**Youth Education Programs**

Our youth education programs engaged more than 2,100 people through 66 programs, with the goals of connecting children and families with nature and fostering a love of science-learning.

Twenty-four schools and more than 1,100 students participated in hands-on field trips aligned to state science curriculum standards. We trained a new cohort of docents who support our field trip programs, and we partnered with the Chapel Hill Public Library to offer Spanish story time programs and self-guided scavenger hunts.

Our popular summer program, Camp Flytrap, served 90 children through seven weeklong sessions. We awarded need-based scholarships totaling $1,680 to six children. Ten enthusiastic teen volunteers assisted camp, earning service-learning credit and experience in environmental education.

**Adult Education Programs**

Adult continuing education programs include classes, workshops, hikes, tours, excursions, lectures, and special events in the themes of nature studies, nature art, home gardening, health and wellness, and people-plant connections. Some of our featured topics included plant-related cultural traditions, traditional indigenous knowledge, ethnobotany, and community-driven conservation efforts.

Two students completed the requirements to earn the Advanced Certificate in Native Plants with high honors. Two more students completed the Certificate in Native Plants, and longtime Botanical Art & Illustration instructor Kathy Schermer-Gramm was granted an honorary certificate in Botanical Art & Illustration. We added four new instructors to our Botanical Art program which has greatly expanded the reach of the program, and we hosted two visiting artists for three-day master course art workshops focused on pollinators and orchids.

We are excited to reach a statewide, national, and international audience in our virtual and hybrid class offerings, reaching over 4,100 people through over 160 programs. We were also able to engage over 300 adults through private tours led by volunteer Garden Guides.

**Annual Lecture Series**

At the Jenny Elder Fitch Memorial Lecture, Virginia D. Nazarea, Professor Emeritus of Anthropology, University of Georgia, spoke to in-person and virtual attendees on Moveable Gardens and Commensal Tables: Rooting in an Age of Displacement. Lyla June Johnston (aka Lyla June), a poet, singersongwriter, hip-hop artist, human ecologist, public speaker, and community organizer of Diné (Navajo), Tsétséstâhese (Cheyenne), and European lineages spoke to a large in-person and virtual audience about her research on Architects of Abundance: Indigenous Regenerative Land Management and the Excavation of Hidden History. At the Darwin Day Lecture, which is co-hosted annually with the conservation program and Carolina Biodiversity Collaborative, Karin Pfennig, Professor of Biology, University of North Carolina at Chapel Hill, spoke on The Hybrid in your Genome: How Recent Advances in Behavior and Genetics are Changing our View of Darwinian Evolution.

Children learning about plants and insects at our popular Camp Flytrap.
We are proud of our community engagement programs that support sustainable food production education and food access on the UNC-Chapel Hill campus and therapeutic horticulture training and public service. We have also strengthened our partnership with the UNC American Indian Center (AIC) and engagement with Tribal Nations across the state.

Carolina Community Garden
At the Carolina Community Garden (CCG), we harvested and distributed 5,576 pounds of fresh produce to UNC housekeepers. We also provided 70 tomato plants, 60 pepper plants, and 85 cilantro plants to grow at their homes and gardens. This was possible thanks to the 3,770 hours of volunteer work by the university’s students, staff, and community members at our three weekly workdays. We also created a beautiful and functional rain garden in collaboration with the Town of Chapel Hill and North Carolina State University. We continue to build partnerships with course instructors across campus departments to serve as an outdoor classroom. Courses we partnered with include Food Politics, Agriculture, Food and Society, Food Environments and Sustainability, Sociology of Food and Food Justice, and Effective Community Engagement.

Edible Campus UNC
We had a year of growth and innovation at Edible Campus. Thanks to our partnership with Davis Library, we will soon have solid internet connectivity and more seating in our main garden space to serve as an official Davis Library study space. We also received almost $6,000 in UNC Parents Council funding for permanent lighting infrastructure, more seating, and a greenhouse. We were humbled by the interest and recognition we received from other universities around the US and Europe. We offered guidance and advice to students and staff from twelve universities who wanted to start similar programs on their campuses. We continued our success with our flagship programs like Harvest Moon, the Carolina Cupboard food drive, and our week of programming around Earth Day.

Therapeutic Horticulture
We have made significant contributions to the national and international therapeutic horticulture (TH) community this year. Since its inception, we have enrolled 667 students from 32 different states and 12 countries in our four-course Online Certificate in TH program in partnership with the NC State Extension Gardener program, and graduated 15 local students from our nine-month Hybrid Certificate in TH program. Both programs enable students to apply TH to their existing or future careers in allied health, horticulture, and education and/or to practice as independent consultants.

We spent the past year securing funding and providing webinars and consultations for Ukrainian stakeholders, including a veteran rehabilitation hospital interested in translating our Online Certificate in TH program into Ukrainian for their clinicians who work with combat veterans. A Botanical Gardens Conservation International (BGCI) representative connected us with several Ukrainian botanical gardens that are interested in offering TH as an intervention for returning veterans, family, and community members. These rich partnerships have inspired and will continue to support the efforts of a large university in Ukraine, who, under the consultation of Garden TH staff, started the first TH master’s program in Ukraine.

We also continued to provide direct TH services that engage and empower elders, exceptional children, and individuals who have mental health concerns.

Partnership with the American Indian Center
We completed the first phase of the American Indian Cultural Garden with funding from the Sustainable Communities Fund of Triangle Community Foundation. Our horticulture team pruned and removed trees to prepare the site of the American Indian Cultural Garden, and managed a contract for the first phase of path installation into the garden. Our conservation team is working hard in the Cultural Garden to control invasive species, and our horticulture and learning & community engagement teams collaborated with the AIC on several grant applications that were fully funded and will support the construction of the remaining phases of the Cultural Garden. We have also continued our collaborative programming with the AIC, highlighting the voices and perspectives of local, statewide, and national Indigenous conservation and ethnobotanical leaders.
The UNC Herbarium is the largest collection of plant specimens in the Southeast with over 800,000 specimens collected over the last 200 years. Housed in Coker Hall at the University of North Carolina at Chapel Hill, the Herbarium documents plants across the southeastern United States and serves as a primary resource for their taxonomy, identification, and geographic distribution. The Herbarium strives to increase botanical capacity by bringing botanical knowledge and skills to people at all levels of experience.

In FY2023, we continued our core activities: accessioning and databasing important new collections and participating in the global network of herbaria (a “forever” commitment), teaching at diverse venues and levels (see photo), supporting the mission of the North Carolina Botanical Garden, researching the flora and ecology of the Southeastern region, and developing floras and floristic tools (databases, apps, web apps, and websites) to support plant knowledge and conservation across the Southeastern Region (north and west to New Jersey, Pennsylvania, Ohio, Indiana, Illinois, Missouri, Oklahoma, and Texas). We developed additional projects and funding from federal and state agencies, conservation and horticulture organizations, and our individual supporters, to support our missions.

In May, our team released FloraQuest: Northern Tier, a new plant identification and discovery app covering over 5,800 vascular plants in the northern part of our Flora area. With graphic keys, dichotomous keys, habitat descriptions, range maps, and 20,000 diagnostic photos, FloraQuest: Northern Tier is the perfect companion for your botanical explorations. It doesn’t need an internet connection to operate, so you can take it with you anywhere! Flora Quest: Carolinas and Georgia will be released in early 2024, followed by additional apps for other portions of the southeastern United States.

The herbarium created a flora website application (web-app) that allows people to navigate detailed dichotomous keys and search for plants by scientific name, common name, and habitat. Once a plant is found, you can see all the details and range maps in the Flora of the Southeast as well as high quality photographs of different aspects of plants (leaves, flower, fruit, bark, etc.) for nearly all the plants from Georgia to Pennsylvania and are working on the remainder of the flora area. The web app is successfully engaging the public, attracting over 100,000 page views per month from thousands of different visitors. See fsus.ncbg.unc.edu.

With generous funding from the Mount Cuba Center, we completed the final draft of the Flora of Delaware, co-authored by Delaware State Botanist Bill McAvoy, Amy Highland (then of the Mount Cuba Center), and NCBG staff Alan Weakley and Michael Lee. State flora projects of this kind, working with state-focused collaborators, provide flora users in states with the “best of both worlds,” combining regional perspective with detailed and customized information for their more local area.

As part of our collaborative projects with the National Park Service, botanist Scott Ward conducted field work monitoring ecosystem health at a number of National Park Service units in the South, including Horseshoe Bend National Military Park (Alabama), Moores Creek National Battlefield (North Carolina), and Kings Mountain National Military Park (South Carolina).

In our research program on taxonomy of southeastern plants, Derick Poindexter and others have derived next-generation sequencing genetic data for nine genera, including Allium, Astragalus, Blephilia, Carex, Eryngium, Marshallia, Micranthes, Packera, and Thalictrum. Each genus presents analytical idiosyncrasies that we are presently addressing using contemporary methods. Investigations of five of these genera are also serving as training opportunities for graduate and undergraduate students. We anticipate ten or more publications forthcoming from this work.

Herbarium scientists Alan Weakley, Derick Poindexter, and Scott Ward are working with collaborators at Elon University (Kevan Schoonover McClelland), Austin Peay State University (Dwayne Estes and Mason Brock), the United States Air Force (Steve Orzell), and unaffiliated scientists (Edwin Bridges) named several new species, distributed especially in Florida, but also Kentucky, Tennessee, Georgia, and Missouri.
The North Carolina Botanical Garden Foundation’s mission is to partner with the North Carolina Botanical Garden to conserve our natural heritage. The Foundation brings both individual and private sector support to the Garden’s mission of education and conservation through its membership program, the generosity of its board, and fundraising events. Equally important, the Foundation serves as a land trust to protect ecologically important lands near the Garden and beyond. It owns or holds conservation easements on over 300 acres adjacent to lands already protected by the Garden and the University of North Carolina at Chapel Hill.

Raney Preserve adds to Stillhouse Bottom Natural Area
We’re thrilled to announce 24.7 acres ranked exceptional by the NC Natural Heritage Program have been added to the greater Stillhouse Bottom Natural Area, doubling its size. Our latest land conservation acquisition is named the Raney Preserve after the former landowners who generously contributed to the purchase.

Adding this significant tract to the North Carolina Botanical Garden Foundation conservation preserves system takes us one step further in our hopes of a 100-acre Stillhouse Bottom Natural Area in southern Chapel Hill. It also adds to the Morgan Creek Bluffs Natural Area that connects with North Carolina Botanical Garden nature preserves along Morgan Creek, the New Hope Gameland, and a wildlife corridor that extends all the way to the Atlantic Ocean through the Cape Fear River Basin. A trail system is in progress for this expanding preserve.

Garden Party Success
We hosted a very successful, sold-out Carolina Moonlight Garden Party in May, raising over $137,000 after expenses. During our “make a difference” segment, we received over $60,000 in total commitments to benefit both the North Carolina Botanical Garden Student Intern Endowment and Youth & Family Programs. A huge thanks to the 2023 Carolina Moonlight Event Hosts, Corporate Partners, Mother Earth Brewing, and the Carolina Moonlight Planning Trio for leading us to another successful event.

Contract Management
With the assistance of several board directors and outside counsel, the Foundation improved its contract review process by adopting a specific contract review procedure and a contract tracking system. In early 2024, the Foundation plans to work with an outside consultant to address other contract-related issues, such as delegation of contract requirements to Garden staff or others. The contract review process will be amended as necessary to reflect best practices and legal requirements.

Documentation Management
In 2023, the Foundation purchased BoardPro, a document management system that provides options for electronic document storage, note taking, and automated meeting announcements.

New Board Members
The most important qualification for board directors is a strong commitment to the Garden’s and Foundation’s mission. With input from the Garden staff, existing board directors, and volunteers, the governance committee identified excellent board director nominees and all were unanimously approved. In January 2023, we welcomed Daniel Guy, Derek Haynes, Patricia Holder, April Johnson, Niels Lameijer, and Erik Lensch to the Foundation Board. All six have exceptional credentials and experience that will benefit both the Foundation and the Garden.
The Garden had a successful fundraising year in FY23, and support for the Garden’s conservation mission is thriving. We reached a higher than usual unrestricted general support goal and increased our permanent endowments. In FY23, the Garden received $719,794 (110% of the $650,000 goal) in unrestricted, general operation gifts, including North Carolina Botanical Garden Foundation, Inc. membership payments, contributions to the Director’s Fund, Event Host sponsorships, Corporate Partner support, and unrestricted memorial gifts and tributes.

The Garden received $1,458,422, or 97%, of the $1.5 million goal for the fiscal year in private contributions to all North Carolina Botanical Garden Foundation designations.

Planned gifts continue to provide an important source of support. The Garden received distributions of two planned gifts from individuals and families who included the North Carolina Botanical Garden Foundation in their wills or other estate plans. From these legacy gifts, the Garden was honored to receive $8,891 for unrestricted operation support and $50,000 for restricted use.

**NCBG Campaign Fundraising**

With $30,377,025 in gifts and commitments recorded from July 1, 2014, through December 31, 2022, the Garden reached 101% of our $30 million goal for the University’s ‘Campaign for Carolina’ capital campaign. Counting gifts since the campaign launch in FY15, support through planned giving, annual giving, garden endowments, student internships, land preservation efforts, conservation management, as well as multiple capital projects, all combined to reach this goal.

**Membership**

The North Carolina Botanical Garden Foundation membership program was revamped in March 2021 with new membership levels including Digital, Individual, Dual, Household, Sustainer, and Director’s Circle. The FY23 final membership count is 2,920.

Giving appeals, improvements in our membership renewal system, and stewardship focused on donor retention helped us achieve 4,954 unique supporters. With the addition of larger gift categories of membership including the Sustainer level and Director’s Circle, NCBGF memberships have a major financial impact on the Garden, with an FY23 total of $301,985. The Foundation continues to find ways to build a base of engaged members who are committed to our plant conservation mission. Healthy membership numbers are a great indicator of future financial support and the continued growth of the North Carolina Botanical Garden.

**Endowments**

Additions to permanent endowments for specific areas of the Garden totaled $181,474 in FY23. These additions, plus growth of invested assets, brought the total market value of all permanent endowments and other large invested funds to over $7.6 million. This is expected to generate approximately $349,405 next year for specific projects and programs of the Garden. These permanent sources of income are critical for ongoing care of campus treasures like Coker Arboretum, Battle Park, the Piedmont Nature Trails, Mason Farm Biological Reserve, and the Garden’s many natural areas in conservation. Because state allocations provide approximately 30% of the Garden’s budget, and fundraising varies with the economic climate, having permanent sources of recurring annual income is vital to the Garden’s future.

### FISCAL YEAR 2023 FUNDRAISING REVENUE

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<th>FUND TYPE</th>
<th>FY23 Goal</th>
<th>FY23 Actual</th>
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<td>$650,000</td>
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<td>TOTAL</td>
<td>$1,500,000</td>
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<td>97%</td>
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Carolina birds-in-a-nest (*Macbridea caroliniana*), a rare member of the Garden's flora.
Thank you to all who have supported the Garden from July 1, 2022 to June 30, 2023

$50,000 – $99,999
Anonymous
Eunice M. Brock and Samuel H. Magill
Estate of David L. Robert

$25,000 – $49,999
Anonymous
Betty Lou Chaika-Hawkins and David Chaika-Henderson
Thomas S. Kenan III

$10,000 – $24,999
Tomas and Carol Baer
Lee and Libby Buck
The Burt’s Bees Greater Good Foundation
Ellen L. Cauns
Chapel Hill Garden Club
Melanie F. and C. Lynch Christian
Kathryn Virginia Clancy
Matthew M. and Paige M. Guest
James D. Joslin and Beth A. Hahn
L. Clayton and Jane M. Harrell
Anne F. Harris
John R. Haskell
Zhi Hong
Gregg E. and Lori A. Ireland
William A. Johnson and Shirley J. Werner
Martha and Charles Lewis
Harriet W. and D.G. Martin
Alice and John May
Audrey Mellichamp
Catherine E. Nerantzis
New Hope Audubon Society
William W. Palladino
Ladell and Amara K. Robbins
Frances P. Rollins
Maryann and Bill Roper
John and Elizabeth Royster
Jeffrey D. Soo
Kenneth A. Soo
Liang Yee Soo
Michael L. Soo
Syngenta Crop Protection, LLC
Frances and Gary Whaley
Jeyhan and Sean Wood

$5,000 – $9,999
Bruce and Dianne Birch
Christopher E. Bogan and Mary K. Barnett
William H. Bracey and Jane C. Fisher
Cotton and May Bryan
Pam and Bill Camp
Center for Plant Conservation
Becky and Munroe Cobey
Cindy and Tom Cook
Lyn A. Headley
Pat and Gene Holder
Ashley Hong
David and Laurie Joslin
John W. La Claire II
Estate of Emily F. Lambeth
Geraldine A. McDowell
Janis E. McFarland and Richard A. McLaughlin
Mike and Elston Miles
Paula D. Noell and Palmer T.H. Page
James and Melinda Ogburn
Peg Parker
Stuart and Linda Paynter
Florence and Jim Peacock
Susanne S. and Charles T. Plambeck
Sims Preston and Olympia Stone
L. Richardson and Marilyn J. Preyer
Vikram and Susan J. Rao
Thomas O. Stair and Joyce E. McNeill and Ann L. Barrick
Charles C. Morris and John J. Calhoun
Richard and Beverly Murdock
J. Victor Nadler and Newell Olson
Charlotte L. Offerdahl and Grady W. Burgin
Mary Norris and Patrick Oglesby
Nick and Amy Penwarden
Gail Perry and Bill Cobb
Britt and Alice Preyer
Jane B. Preyer and Lark Hayes
Michael and Melissa Raley
Judith A. Rizzo and Arthur H. Kempton
Wyndham Gay Robertson
Joseph and Kay Roycroft
Jennifer and Al Runquist
Sandy and Reaves Thompson
John D. Watson and Betsy E. Blackwell
John and Ashley Wilson
Amelia and Stephen Zelnak

$2,500 – $4,999
Anonymous
Aramark
Robert M. Aris
Patricia Cain Beyle
R. Lawrence Blanton and Candace H. Haigler
Bob and Vicky Borden
John and Asa Butts
Sarah and John Byrd
Mignon R. Deberry
Anna and Richard DeConti
William J. Duffield
Richard T. and Emily P. Foutain
Timothy Gerla and Adair McNear
Lallie M. Godschalk
Richard A. Hall and Douglas Potts
Amy Helwig Dunlap and Ken Dunlap
Charles and Jeanne Hecht
Charlotte Jones-Roe and Chuck Roe
Stephen L. Keith and Lisa G. Glover
Paula J. LaPoint
Erik and Hendreé Lensch
George and Judy Lockhart
Woodrow Lomas
Paul and Mary MacDougall
L. Richardson and Marilyn J. Preyer
M. Vikram and Susan J. Rao
Thomas O. Stair and Joyce E. McNeill and Ann L. Barrick
Charles C. Morris and John J. Calhoun
Richard and Beverly Murdock
J. Victor Nadler and Newell Olson
Charlotte L. Offerdahl and Grady W. Burgin
Mary Norris and Patrick Oglesby
Nick and Amy Penwarden
Gail Perry and Bill Cobb
Britt and Alice Preyer
Jane B. Preyer and Lark Hayes
Michael and Melissa Raley
Judith A. Rizzo and Arthur H. Kempton
Wyndham Gay Robertson
Joseph and Kay Roycroft
Jennifer and Al Runquist
Sandy and Reaves Thompson
John D. Watson and Betsy E. Blackwell
John and Ashley Wilson
Amelia and Stephen Zelnak

$1,000 – $2,499
Anonymous (2)
Jim and Delight Allen
Charles and Susan Anderson
Michael and Mary Andrews
Terry and Ernest Ball
Mark and Myra Basinger
Betsy and Walter Bennett
Ruth Nann Benton
Lee and Jen Bowman
Joshua and Rebecca Boyles
James K. Brown and Eric G. Diefenbach
Michelle A. Burdick
Lâle A. Burk
Catherine and Wood Burns
Norman and Portia Christensen
F. Hudnall and Claire Christopher
Van W. Daniel III
Jan and Jim Dean
Candace C. Dee
Tom and Barbara Driscoll
Robert S. Hogan Jr. and Martha J. Diefendorf
Munel Y. Easterling
Santiago and Mary Estrada
Jack and Pat Evans
Barbra D. Finch
Linda M. Finch
Robert and Niki Fowler
Louise C. Greene
Paul F. Grendler
Owen Gwyn Jr.
Richard A. Hall and Douglas Potts
Garrett G. Hall and Zachary W. Howell
Carol J. Hazard and Winston C. Liao
Jeffrey and Katherine Hedges
Paul W. Hofferbert
Olivia B. Holding
Susan Hollobaugh
Travis Hornsby and Christine M. Chu
Larry and Lu Howard
Mary Cook Howes
Sarah and David Huppert
Eric and Emily Iverson
Richard K. Johnson
Susan J. Kelly
Betty and John King
Lynn Koss Knauff
Randy and Cathy Lambe
Jeffrey M. Lang
Robert and Amy Lark
Anne Loustau
Cynthia Laurann Lutz
George Manoussos and Erica Berger
Joel D. Mattox and Karen Penizollo
Michael and Marcia Mayo
Matthew and Eugene McDonald
Ross and Holly McKinney
John and Shereen Min
John and Anne Mitchell
Susan and James Moeser
Sally Marie Meyer
Brian and Meredith Niles
Linda W. Norris
Nancy B. Norwood
Josephine Ward Patton
James R. Pick Jr.
Ona and Peter Pickens
Christine and William Pisciello
Nancy and Edwin Preston

FY23 MEMBERSHIP COUNT AND FINANCIAL IMPACT

As of June 30, 2023, there were 2,920 memberships in the North Carolina Botanical Garden Foundation. See the final count by level and financial impact of membership in FY23 in this chart.

<table>
<thead>
<tr>
<th>Membership Level</th>
<th>FY23 # of memberships</th>
<th>Financial Impact</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIGITAL</td>
<td>60</td>
<td>$1,800</td>
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<tr>
<td>INDIVIDUAL</td>
<td>1,289</td>
<td>$56,480</td>
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<tr>
<td>DUAL</td>
<td>633</td>
<td>$40,785</td>
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<tr>
<td>HOUSEHOLD</td>
<td>791</td>
<td>$70,420</td>
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<tr>
<td>SUSTAINER</td>
<td>88</td>
<td>$44,000</td>
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<tr>
<td>DIRECTOR’S CIRCLE</td>
<td>59</td>
<td>$88,500</td>
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<tr>
<td>Total</td>
<td>2,920</td>
<td>$301,985</td>
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</tbody>
</table>
Garden Club of North Carolina
Joanne K. Gardner
Julie and Pete Gaskell
Sally Sue Glover
Paul and Catherine Green
Charles and Cami Gregg
David and Joan Guilkey
Marc and Jane Gustafson
J. Joseph and Betsy S. Hackney
Chris and Jamey Haaton
Bill and Marilyn Henshaw
Peggy L. Hickle
Trent and Katherine Jerrigan
William and Mary Brenda Joyner
Susan and Lewis Kellogg
Jodie A. and Alphonso L. Chess
Clyde Weymouth
Michael and Catherine Lee
Ione C. and John E. Lee
James H. Lesher and
Ellen S. G. Ross
Karen Levine and Andrew Sisson
Donald and Carol Lloyd
Richard and Olivia Ludington
L. Eve Armentrout Ma
John and Junilla Macrae
Nobuko and Ben Corso
H.R. and Betsy Malpass
Mary and Elliott Wood
Foundation
Peter and Prudence Meehan
H. Clay and Lou Miller
Cyrus L. Miller
David and Polly Moreau
Brian and Ingrid Munley
David and MaryNeal
Edward Max Neal
Christine Nigren
Jennifer and Joey Okun
Robert and Sheila Oliva
Shannon E. O’Neil and
Nathan N. Jeffoy
John and Rita O’Sullivan
H. Stewart Parker
Pine Grove Farm
Allan and Carrie Porterfield
Steven and Laurie Prentice-Dunn
Jim Protzman and Jane Brown
Johnathon and Mary
Libby Thomas
Alan E. Rimer
Edgar and Deborah Roach
E. Todd and Charlotte B. Robbins
Sallie M. and Benjamin Davis
Virginia Rogers
Brenda Hyde Rogers
Dennis and Sarah Ross
Michael Salemi and
Ariana Pancalido
Chanchal Samanta and
Deborah L. Reichert
Garth and Sarah Saunders
Yolanda V. Scarlett
Nancy and David Schoomaker
Tom and Barbara
William R. Seymour Jr.
Alexandra L. Sheaves
Stephanie Simon and
Jack Solomon
Bland and Ann Simpson
Jane and Bob Slater
John Robert Staelin and
Elizabeth Locke
Sherry L. Stuesses
Zandra and Richard Talbert
Douglass and Roberta Tilden
Barbara and Raul Tuset
Jason and Shelly Tuttle
Susan Van Eyck
Jim and Alison Vernon
Patrick W. Wallace and
Lauren E. McNeil
Arthur M. Weisburd and
Martha B. Petty
Holland and Deborah West
Peter and Carolyn White
Floyd and Diane Whitney
Thomas J. Wittberger and
Donna M. Eon
Roseline Ziegler
$250 – $499
Anonymous (2)
Carolyn Sue Award
Allyn Catherine Alguire and
Bob Durovic
Dorothean Jean Allard
Frances M. Allen
Marianne and Dennis Alwos
Gary and Angelina Martin
John A. Ashworth IV
Adar and Michelle Berghoff
Robert and Christine Berndt
Josephine R. Bisbee and
Susan E. Blisney
Sankey L. Blanton III and
Susan E. Swanson
Madeline and Gerald Bobe
Catherine E. Bollinger and
Thomas E. Schellin
Tammie and Matthew Deele
Holly R. Martin
Kenny and Brent Bowen
Carroll Ann Bowers
John Russell Bozeman
Stephen Brand and
Doreen Grech
Alvin Bravsell
Lyne Ellen Bresler
Miriam and David Bryant
Allen W. Bush and Rose Cooper
Linda and Cliff Butler
Scott Thomas Cain and
Rachel K. Williams
Trinita McCormick Carlton
Louise M. Clifford
Judith C. Coker
Thomas Ballard Cole
Eppie Bennett Cox
A. Elizabeth Crowder
Jennifer and Bill Cure
Linda Neskaug
Curtis Faye and
Sarah Kay Davis
Glen C. Davis and
Margaret R. McGinn
William R. Deans Jr. and
Charlotte A. High
Jane A. and Mathis Dehart
Emile Patton de Luca
John and Gail Dove
Tom Earnhardt and
Dana Jennings
Joeseph and Nina Ellis
Susan T. Ennett and
Wayne E. Pein
Erika Peterson Evanko
Steven Feingold and
Hannah Martin
Steven Feuerstein
Mark and Stephanie Gehrs
Patricia Zeller Fischer
John Robert Fowle III and
Karen Kennedy Henry
Larry and Donna Genskow
Scott M. Gifford and
Alexia Noelle Sepetar
Rose Marie P. Gillikin
James E. Godwin and
Elizabeth A. Campbell
Charles and Karen Goss
Bob A. and Illy and
Bonnie Mae Springer
Henry Gordon Grossberg
Elise Pettry Guthrie
Rebecca Mitchells Halloran
James and Lisa Hardin
Albert and Elizabeth Harris
Lisa Hatch
Nancy Louise Havil
Madan and Shalini Hede
Margaret Helton and
Terry L. Noah
Ellen and Thomas Herron
Charles and Teikisha Hight
Anne and Charles Hines
Danielle V. Hiraudo
Stan and Sarah Holland
Bo and Pat Howes
Eugene and Susanne Hugogete
Thomas B. Hunter Jr.
Aida and Stephen Hyde
Erica and Rich Joiner
Susan* and David Keese
Lauren Lynn Kiefer and
Ann Lauck
Brian and Moyra Kileff
Dale and Barbara Koch
Linda and Richard Koffenberger
Jennifer and Mark Lafaeta
Lynn E. Larmitano and
Albert A. Lauritano
Joanna and Bill Lelekas
Gene Liu and Adeline C. Smith
Christy and Jim Lilley
Garnett and Marilyn Link
Annu and Alakhatute
Julia Mac in Macilhan
Katharine Marshall and
Matt T. Tulchin
Amy Virginia Martin
D. BLE and Louise Martin
Ingrid A. Massey
Sarah Kelly McGill and
Diego Jimenez
Douglas and Areatha Mendenhall
Paul and Joy Merrin
Mark and Linda Griffith
Merritt John and Claire Miller
John and Stephanie Mitchell
Julie Hackney Moore
Cecelia D. Moore and
William T. Schneider
Kent and Miriam Mullikin
Patricia Louise Murphy
Paul and Linda Naylor
Brian and Julia O’Grady
Susan Wester O’Leary
Margaret and Rich O’Reilly
Stephanie Smith Padilla
Michael and Julie Papay
Daniel and Ashley Pearce
Jeffrey and Jenny Peet
Phil R. and Kim Phillips
Bryan Arthur Powell
Karen L. Prus and
Levis Anderson Carson
Donna and Robert Reece
Richard Riddell and
Deborah Wong
Wendy H. Robbins
Francine and Ralph Roberson
Allison Bronson
Diane and Frank Roth
Jennifer and Nicholas Rowen
Sandra and Charles Sather
Bradley Saul and Charity Kirk
Susan and Joseph Scharff
Mary Pauline Sechrest
Lori and Kevin Shannon
Pearl Marie Shelley and
Mark Allen Towney
David and Pamela Sprinkle
Jacob Newton Stein and
Sally A. and John III and
Daniel Stern and
Rosemary Byrne
Margaret Stetson and
Bruce E. Wilks
Jonathan and Elizabeth Stewart
William and Susan Stanton
Karen Thomas
Michael Wayne Tolson and
Susan Coppola
Mary and Beth Townes
Thomas E. Underhill and
Mary Catherine
Hendrik Jan Vreman
Erik and Torey Wahlstrom
William* and Margaret Walker
Dagmar Inger Waler
Alden and Joan White
Juile Paige Tuttle
Barbara and Bob Wendell
Cathleen and J. Turner Whitted
Frank* and Ann Wilson
Jane Petris Wiseman
Jane and John Woody
Gordon Worley
Alexander Bowen Wright
Bonnie and Jim Yankaskas
Smedes and Rosemary York
$100 – $249
Anonymous (6)
Gregory Abashian and
Mary Albritton
Candace Abbey
Ben and Catherine
Francis Lethem
Kate Adams and
Scott Sudderth
Alison Adcock and Kevin Sleip
Mel and Nancy Blythe
Lynn Adler and Paige Warren
Peter L. Atkin
Polly Jo Alexander
Travis T. Allison and
Rosemary L. Edwards
Anthony and P. M. Amirrano
Alice Ammerman and
Thomas Keyserling
Jane and John Amoroso
Anders and
John W. McLennan
Lynnda Anderson and
J. Kenneth Conover
Karen Anderson
Mark and Susan Andrews
Jonathan L. Andrews
Caroline and Craig Aregoed
Natalie Arias
Christine and Matthew
Arnsberger
Ann Arwood and
Randall and Lisa Ashman
Jack B. Hicks III
Lucy Ann Austin
Nancy W. Aycock and
R. Daniel Leigh
Brandon Ayers and
Jennifer Martini
Sally Smith Baird
Donna Day Baird and
Ninian Beall
Robert and Mary Baker
Ann and Carolina
William and Barbara
Mary-Anne Bestebreurtje
James Raleigh Baker and
Emily Vander Schaaf
Patricia and Jordan Barratt
Richard Balmacki and
Cynthia Pintak
Kimberly Sue Ball and
Mark A. Buechler
Regina Baratta and
Timothy Logue
Pam and William Barbour
Brian and Haines Barksdale
Linda and Curtis Barnes
Gary and Barbara Barnes
Roy Baroff and Caroline
Elizabeth McLaughlin
Patrick and Jordan Barratt
Thomas and Lisa Barrie
Donna Bauer
Ray Logan at the Garden Club of North Carolina.
INCOME

Timothy P. Spira and Susan and Allen Spalt
Donald and Kathleen Southworth
Susan and Allen Spalt
Timothy P. Spira and Lisa K. Wagner
George and Connie Spooner
Richard and Margaret Sprott
Amy Kismet Sra
Robert and Andrea Stark
Michael and Jen Stedman
Jeffrey Lawrence Stephens
Carole Stern and Gregory J. Garneau
Mary C. Sturgeon
Margaret and Michael Sturdivant
Lauren Strickland and Amanda and Jamie Storyward
Laura Jane Sumrell
Gregory J. Garneau
Lisa K. Wagner

EXPENSES

Foundation $2,613,830
State Allocations $1,439,142
Earned Income $734,048
Personnel $3,425,786
Non-personnel $885,000

Corporate Partners
Natural Areas Stewards
leaf & limb

Habitat Sustainers
Bartlett Tree Experts
Curtis Media Group
97.9 The Hill/ WCHL Chapelboro.com
Robi Decking

Garden Supporters
The Cedars of Chapel Hill
SOIL
Hamilton Point Investment Advisors, LLC
Tony Hall & Associates
The Treeist

We appreciate all gifts to the Garden!

Matching Gifts
Abbott Labs Matching Gifts
Arch Capital Matching Gifts
Bank of America Matching Gifts
Borden Manufacturing Company Matching Gifts
Chan Zuckerberg Initiative Matching Gifts

Financials

If you would like to speak with someone about making a special gift to the Garden, call Stephen Keith at 919-962-9458 or UNC’s gift planning experts at 800-994-8803.

LEAVE A LEGACY