

Bulletin of the UC Santa Cruz Arboretum & Botanic Garden

NEWSLETTER FOR ARBORETUM MEMBERS & FRIENDS

ARBORETUM.UCSC.EDU / ARBORETUM@UCSC.EDU

VOLUME 43, ISSUE 1 SUMMER 2018



South African Garden



Australian Garden



New Zealand Garden



California Native Garden



Aroma / Succulent Gardens



Butterfly Garden

A Great Time to Visit



Mid-summer in the gardens—foggy mornings, brilliant afternoons. When the sea mist evaporates, the air becomes golden. A day in the gardens is a progression of cool to hot, of birds ranging from raucous to silent, of changing light angles, and fragrant breezes. Meanwhile, despite welcoming more daily visitors than ever, things seem quiet, a month or two without major events. But we are as busy as ever, weeding and pruning, labeling and watering. It's a great time to hang out with us.

—Martin Quigley
Executive Director

Contents

From the Staff / Save the Date	1
People in the News	2
Plant Conservation Programs	3
On the Shelf: Book Review	5
Plant Q&A: Sage vs Salvia	6
Buy Local: Garden Centers	7
Kew Gardens' 2017 Report	7
Gallery of Photos	8
New at the Arboretum	9
Staff & Board Members / Contacts	10
Calendar of Events	11
Donor/Membership Updates & Thank You ..	12

Save the Date!

Annual Membership Meeting (Arb-B-Q):
September 16
4-7 pm



Fall Plant Sale with CNPS
October 13
Members: 10 am-12 pm
Public: 12-4 pm
Auction: 3-4 pm



Leucospermum glabrum x conocarpodendron

Helen Englesberg Says Goodbye!

On June 30, Helen Englesberg, the Arboretum's wonderful Nursery Manager, retired. Her almost thirty year career began while she was studying Biology/Plant Sciences at UCSC and joined the staff as a student employee. In 1989, she was hired full-time to oversee propagation and manage the nursery, which included growing plants for the collections, especially the Australian and South Africa Gardens. Every year, she spent countless hours preparing thousands of plants for the yearly spring and fall plant sales and still found time to showcase special plants at Norrie's Gift & Garden Shop. Helen was a talented, compassionate teacher and mentor to innumerable students and volunteers as together they propagated and nurtured seedlings into thriving plants. Her skillful management of the nursery has ensured continuity of the Arboretum's world-renowned plant collection and enabled countless people to purchase and share valuable specimens. Thank you and farewell Helen: the Arboretum plants, animals, and foremost the people will miss you tremendously. We wish you all the best in your next adventures!



Martin Grantham Says Hello!



Please come by to meet our new Nursery Manager and Propagator, Martin Grantham. From San Francisco State and working many years at the UC Berkeley Botanic Garden, he has extensive training in botany that has informed his practice of experimental and ornamental horticulture. Martin also has training in zoology, entomology, mycology, and microbiology, all of which give him insight into plant biotic interaction, be it in gardens, experimental greenhouses, or natural habitats. His specialties are plant propagation, including seed germination and cutting treatment protocols, as well as culturing ferns from spores. Martin enjoys bringing new plants into cultivation, observing them in nature for initial growth parameters, followed by tolerance determination in controlled conditions. Having traveled extensively and explored the native habitat of many plant species, he is particularly keen on plants of South Africa's Western Cape. A visiting

scholar here about 10 years ago, Martin is very familiar with our collections and eager to work with our volunteers to continue Helen's legacy.



Reflecting on my relatively short time at the Arboretum...

Some six years ago a friend urged me to volunteer for a plant sale and I have volunteered at every plant sale since then, save one. That volunteer experience led to membership, to board membership, to board leadership, all satisfying and worthy efforts. To me, at its best, the Arboretum personifies community, many hands making light work in the construction of something meaningful and enduring. Wandering the gardens, that metaphor seems so clear, teeming with life, perseverance, rhythmic continuity, sudden change and ageless beauty. It is a respite for the weary, an inspiration for the revived, and in service of an imperative.

~Andrea Hesse
Outgoing Friends Board President

The Arboretum's Plant Conservation Efforts

When California Native Plant Program Director Brett Hall says, "Horticulture *culture* is so important," he's referring to training the next generation of scientists to germinate, cultivate, and restore native California plants. The Arboretum is rightly recognized for its worldwide plant collections, nature-themed art exhibitions, and innovative community events, but it does much more out of public view: Hall and others are developing new conservation initiatives and restoration methods.

In the Arboretum's early years, founding Director Ray Collett assembled rare and extraordinary plant species, primarily those from the Southern Hemisphere, such as Protea family members from South Africa and throughout Australasia. Many species that had never been cultivated in the US created a dazzling showcase of diverse warm-temperate conifers and ancient flowering plants. Though several native California species, including rare manzanitas from the central California coast, were planted on the south side of the Arboretum Dam, their small number was eclipsed by the sizeable southern hemisphere flora.



In recent years, the Arboretum has ramped up efforts to conserve and collect native plants. Smaller projects are being integrated into a broader conservation program that combines the work of numerous researchers, native plant specialists, and interns. As an example, the Arboretum collaborates with the California Native Plant Society (CNPS) and the California Department of Fish and Wildlife (CDFW) to survey and monitor native habitats and sensitive species within them, including maritime chaparral, coastal prairie, and stands of Santa Lucia fir (*Abies bracteata*), a rare fir endemic to the Santa Lucia Mountains along the Big Sur coast. These assessments and maps provide data critical to inform conservation decisions, as well as valuable internship opportunities for young scientists interested in learning about and applying conservation methods.

As part of its preservation efforts, the Arboretum protects rare and endangered plants from California and beyond; some are housed in the demonstration gardens and others are grown for restoration purposes. It also acts as a "safe house" when needed: recently, rare *Dudleya* plants rescued from poachers were brought to the Arboretum. *Dudleya*, a genus of slow-growing succulents native to western North America, live on rocky cliffs, with several species found only along the ocean bluffs of California's central coast. Due in part to exploding demand in Asia and the US for trendy succulent houseplants, the plundering of *Dudleya* has become a serious problem. Stephen McCabe, Arboretum emeritus Director of Research and Jepson authority on the *Dudleya* genus, diligently worked with CNPS and CDFW to salvage these plants and on one happy occasion, with help from volunteers and interns, successfully replanted some back into their native habitat.



A vital element of the Arboretum's conservation program is seed banking, a long-term project of storing seeds to maintain records of and preserve plant genetic diversity. Seeds of both widespread and rare species are collected from wild areas by Hall's interns then cleaned, dried, processed, and banked at the UCSC Arboretum or other institutions, such as Rancho Santa Ana Botanic Garden, Rae Selling Seed

(Continued on p. 4)

Conservation Programs *(From page 3)*

Bank, San Diego Zoo Global, and the National Laboratory for Genetic Seed Resource Preservation, which freezes and stores seeds for years; the Arboretum's freezer currently holds around 2000 different plant accessions, with that number rapidly increasing. Additionally, the Arboretum has joined forces with California Plant Rescue (CaPR) and the Center for Plant Conservation (CPC) to preserve California's native flora for future generations. In one project last year, the Arboretum began seed collection of five rare species from Pine Hill Reserve in El Dorado Hills to mitigate impacts of PG&E's installation of new power line poles. Hall hopes to see such ventures continue in the coming years.

The first "seed" of the Arboretum's Native Plant Program was planted when Hall, still a UCSC student, mapped CNPS listed rare plants of Santa Cruz County and published the results in a thesis titled *The Occurrences of Rare and Endangered Plants of Santa Cruz County*. Following that, his many collecting trips over many years and collaboration with other native plant growers resulted in the introduction of dozens of California cultivars and garden developments within the Arboretum. Today, the Native Plant Program is

four-fold: under its wings are the Wild Life Corridor, California Entrance Garden, Amah Mutsun Relearning Program, and Naturalist Program.

Internships play an essential, symbiotic role in the Native Plant Program and most Arboretum programs. UCSC undergraduates and recent graduates gain hands-on career experience, and the programs could not be successful without these students' endless hours and boundless energy. As an example, each quarter Interactive Ecology interns work with Hall in the field and in building plant collections through seed germination and propagation, nursery work, and planting. Hall is passionate about internships because he finds students' perspectives invaluable and inspiring. To keep the *culture* of horticulture alive and thriving, the Arboretum will continue to prioritize training new generations of students and instilling the conservation ethos into these budding interns, researchers, scientists, and volunteers. One of Hall's favorite quotes, "Part of conservation is growing," exemplifies this mindset.

—Mia Waters, Carla Sette



Mia Waters (right) is a UCSC Ecology and Evolutionary graduate student about to begin her second year of a Master's degree. At the John N. Thompson laboratory, she is researching the genetic variation in floral scent, a complex trait that plays an important role in the interactions between plants and pollinators. She is currently the Naturalist Group coordinator for Women in Science and Engineering (WiSE) and loves teaching and leading naturalist walks in the Santa Cruz area. Her career goal is to combining her passion for research, teaching, art, and the outdoors.

Carla Sette (left) is a PhD student in UCSC's Ecology and Evolutionary Biology program. Using mathematical modeling to describe complex ecological systems, she studies how climate change may increase extinction risk for tropical lizards and how climate, pollution, and habitat loss affect amphibian declines in California. She is the current president of the Santa Cruz chapter of the Society for Conservation Biology.

The Society for Conservation Biology (SCB) is an international non-profit dedicated to facilitating and advancing the scientific study and conservation of biological diversity. The Santa Cruz chapter of SCB (<https://scbsantacruz.sites.ucsc.edu/>), founded in 2015 by UCSC graduate students, is committed to providing new opportunities for conservation education, community outreach, and promoting diversity in the field of conservation. It provides a bridge between conservation research and programs taking place at UCSC and the greater Santa Cruz community. In the upcoming year, SCSCB is partnering with the UCSC Arboretum to host conservation talks aimed at the general public, and more SCSCB articles on science and conservation will be published in the Arboretum's Bulletin quarterly newsletter.

On the Shelf: A Book Review by Tom Karwin



Tom Karwin is a master gardener, garden columnist for the Santa Cruz Sentinel, and President of the Monterey Bay Area Cactus and Succulent Society. The book he selected to review is *PLANT: Exploring the Botanical World*, Phaidon Press, 2016, 352 pages. A limited number of copies will be available at Norrie's Gift & Garden Shop this fall in time for the holidays.

Plants are universally appealing for their natural and diverse beauty, medicinal or culinary values, sometimes spiritual symbolism, and, ultimately, botanical forms and operations. For these many reasons, artists and scientists have favored images of plants throughout history, have depicted plants in part and in whole, and have applied the full range of imaging technologies.

The creators of *Plant: Exploring the Botanical World* have developed a unique compilation of plant images, drawing on the works of artists and scientists from ancient times through the present day to show how they have presented the various aspects of plants. Some images celebrate a plant's attractive color or form, while others emphasize its unique identity or the details of its structure. In all the images, there is an underlayment of appreciation, respect, and wonder.

This book's subtitle, "exploring the botanical world," is suitable; it also could have been "exploring the world of botanical art," because its 300 images exemplify the varied representations of plants. Some depictions date from hundreds of years past and use simple methods, while others are contemporary and draw upon advanced technologies. Still, this is not a chronological history of botanical art, plodding through the evolution of artistic expression. The book opens with an introduction by botanist James Compton, who overviews different eras of the advancement and changing goals of botanical art but then provides more social context than formal history. He traces the emergent purposes of botanical art as it evolves to support the development of botany and taxonomy. An appended chronology of the images complements Compton's essay and traces the historical perspective.

An international panel of experts has organized the book's trove of images in creative pairings in which the images are juxtaposed to complement or contrast each other. Each image fills a page, so the pairs are in double-page spreads. These pairings raise the compilation beyond a long trudge through images to a series of thought-



provoking displays that enrich the viewer's experience. Some larger images fill the two facing pages on their own. Accompanying notes also illuminate each of the images and present related ideas. The book includes a glossary of botanical terms and techniques, selected biographies of the artists, suggested further readings, and a thorough index.

Plants: Exploring the Botanical World is treasure of plant images that are reproduced individually on large-format pages of good quality low-gloss paper. The book could be drawn upon through brief sessions of dwelling on the paired images and participating in the exploration. Any person who appreciates the world of plants and enjoys its many facets could discover pleasure and enrichment in this beautifully constructed book.

Plant Q: Are Sage and Salvia the Same? A: Yes... and No!

Salvia/Sage Family Tree

kingdom	Plantae
subkingdom	Tracheobionta (vascular plants)
superdivision	Spermatophyta (seed plants)
division	Magnoliophyta (flowering plants)
class	Magnoliopsida (dicotyledons)
subclass	Asteridae
order	Lamiales
family	Lamiaceae (mint)
genus	Salvia (sage)

As evidenced by the chart above, yes, “sage” is the same as “salvia” in terms of genus—it’s the common name. In most parts of the world, the two labels are indistinct and interchangeable. Along with salvia/sage, the family Lamiaceae includes the well-known aromatic herbs of basil, rosemary, marjoram, lemon balm, oregano, lavender, and thyme. Of all the plants in this family, salvia/sage has a unique, defining characteristic—its pollination mechanism consists of two stamens instead of the typical four. The 900 or so species, whether shrubs, herbaceous perennials, or annuals, live in three main regions: Central and South America (approximately 500 species); central Asia and the Mediterranean (250); Eastern Asia (100).



But in the US, “sage” is not the same as “salvia” in terms of how the plants are used. Here “sage” customarily refers only to the plants used as an herb in cooking and for medicinal purposes; this latter group includes common sage (*Salvia officinalis*), white sage (*Salvia apiana*- pictured above), and clary sage (*Salvia sclarae*).

“Salvia” denotes the hundreds of varieties of ornamental plants, which, though also fragrant and non-toxic, are not used to season food; instead they are used to beautifying a garden. These

plants, annual or perennial, come in all sizes and shapes, the flowers blooming year round in every shade of blue, yellow, and red, the leaf color ranging from dark green to soft, silvery grey.

Sage is also an attractive garden plant and has broader applications and benefits: it has long and widely been used as a spice and in teas. In the US, the leaves tend to be added only to fall feasts, such as a Thanksgiving turkey or its side dishes. However, other countries infuse the herb more liberally: England folds it into cheeses, Germany into sausages, Italy into meat dishes. Recently, the flowers of pineapple sage (*Salvia elegans*) and grape sage (*Salvia melissodora*) have become a common culinary garnish and tasty addition to salads.

Since the word “salvia” comes from the Latin “salvere,” to heal or soothe, it’s not surprising sage also has a long history of medicinal uses. It was used by ancient Greeks as a fertility aid and to curb bleeding from wounds and is still used by Native Americans as an important purifying element in ceremonies and an essential herb contained in healing amulets.

According to the National Institute of Health (NIH), sage—sold as a liquid, spray, tablet, or lozenge—is a frequently used dietary supplement for a variety of ailments: persistent coughing, digestive problems, overactive perspiration and saliva glands, skin sores and swellings, painful menstrual cycles, depression, and memory loss. And because research has confirmed sage appears to contain numerous anti-inflammatory and antioxidant compounds, sage oils are added to skin creams and cosmetics. In general, however, the health benefits of sage have not been substantiated by research: few studies have been done, methodologies have been unreliable, and sample sizes small.

Nevertheless, sage oil is now a regular participant in aromatherapy. Wafting through the air, it creates a calm and relaxing atmosphere during yoga and meditation, a welcome respite from the more intense notes of incense.

If you’d like to experience first hand the aroma of sage oil, it will permeate the air in **Yoga & Ethnobotany at the Arboretum**, a new series of twice weekly classes beginning September 11 and ending November 7; check the Events webpage for more detail (preregistration required).

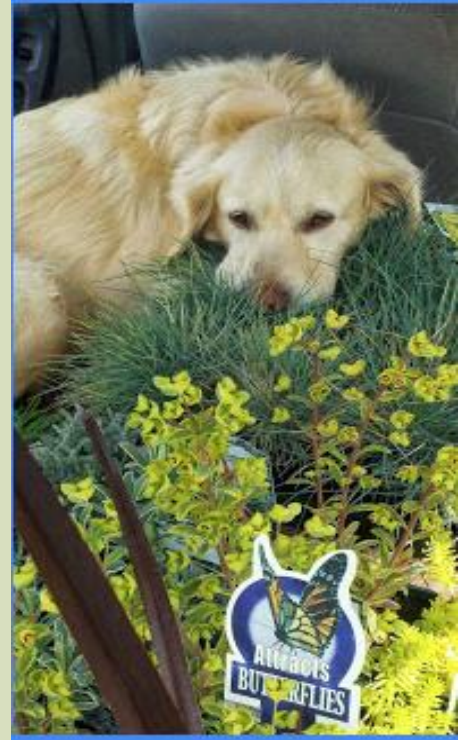
Buy Local: Finding the Perfect Plant



Soquel's Gold Rush Nursery (www.goldrushnursery.com), located at 3625 N Main St, is just one of many local garden centers that offer discounts to Arboretum members. Owner Nicky Hughes, the only full-time employee, is often out on delivery, so call for an appointment: 831.359.9291. Or do a pre-tour online: the website provides links to a plant catalog, a plant search, and a list of gardening resources.

Other nurseries that offer Arboretum member discounts:

- Ladera Garden Center, Portola Valley
- Pottery Planet, Santa Cruz
- Sierra Azul Nursery, Watsonville
- DIG Gardens (**plants only**), Santa Cruz
- Drought Resistant Nursery (**plants only**),
- Monterey The Garden Company (**plants only**), Santa Cruz
- Golden Nursery (**plants only**), San Mateo
- Hidden Gardens Nursery (**plants only**), Aptos
- San Lorenzo Garden Center (**plants only**), Santa Cruz



Kew Gardens Report: State of the World's Plants



The Kew Royal Botanical Gardens (www.kew.org), near London, issued its second *State of the World's Plants* report for 2017. As the introduction, Professor Kathy J. Willis, Director of Science, summarizes RBG's worldview: "A detailed knowledge of plants is fundamental to human life on Earth. Plants underpin all aspects of our everyday life—from the food that we eat, to the clothes that we wear, the materials we use, the air we breathe, the medicines we take and much more. These essential services provided by plants are far too often taken for granted. This is the second annual report in which we have scrutinized databases, published literature, policy documents, reports and satellite imagery to provide a synthesis of current knowledge on the world's plants..."

Just some of the topics covered are a count of newly discovered species including those acknowledged as medicines, plant traits best enabling species to tolerate climate change, and the effectiveness of current policies in curbing illegal trade in wild plants. Also featured in the report are spectacular photos and amazing statistics:

- ◆ Each year, close to 840,000 acres of the earth's surface burn;
- ◆ 80 percent of the food derived from plants comes from 17 plant families;
- ◆ 1,730 vascular plant species new to science in 2016 were logged in the International Plant Names index by March 2017;
- ◆ At least 28,187 plant species are currently recorded as being of medicinal use, but fewer than 16 percent (4,478) are cited in any medicinal regulatory publications;
- ◆ 6,075 species are now documented as invasive.

Gallery of Photos



Bill Hill has volunteered at the Arboretum since fall 2013. He was on the Board from 2014-16 and began managing the website in 2015. Always a familiar, friendly sight in the gardens, he spends hours walking the trails to take photos for the website and

Plant Database. This year, with his wife Penny, he is also helping maintain the Aroma Garden.

At the Arboretum: *Grevillea* 'Noelii', Australian Garden, and *Salvia* 'Costa Rica Blue', Aroma Garden



In Bill & Penny's garden: *Bauhinia variegata* (Brazilian Purple Orchid Tree)



At the Kirstenbosch National Botanical Garden, South Africa: *Leucospermum erubescens* and a southern double-collared sunbird



New at the Arboretum

In the Gardens

❖ Work is nearly complete on the new parking area between the Australia, South Africa, and New Zealand gardens and is now under review by campus engineering. Folks are already using the space. We are planning signage for new path connections, while two priorities are to lead people through Australia to the Horticulture buildings and through the South African garden back to Norrie's.

❖ Brett Hall and his team have been working steadily on the California Conservation gardens, and trails are being improved to walks with road base. Brett continues to collect and propagate a diverse array of species, and this area will become one of our most prominent features in the years to come. Be sure to walk out back to see Brett's new rock placements.

❖ Linda McNally, with her volunteers and students, continues to restore and expand the Succulent and Cactus Gardens on the dam and at Norrie's patio—many transplants are happily flowering for the first time. The big agaves are done for the season, but many cacti are still budding and blooming. Linda continues to bring out plants from the nursery area, and has created a new display of old bromeliads (above) behind the Owl House.



Stay tuned for more transformations!



At Norrie's Gift & Garden Shop



The first building on the right after turning into the UCSC Arboretum is Norrie's. Donated by Elspeth Bobbs in memory of her daughter, it is open 10 am-4 pm every day the Arboretum is open. Outside, Norrie's offers a selection of healthy native and Mediterranean climate plants. Inside shelves are stocked with nature and garden books and an array of beautiful decorative items, from hats and scarves to jewelry, jams, and soaps.

New merchandise (quantities limited) includes colorful tote bags, botanical dishtowels, and hummingbird water bottles.



New plants (quantities limited) recently delivered from the Arboretum's nursery include a low-growing California native with masses of summer pink flowers and a medium size shrub with magenta blooms and lemon scented leaves.



Eriogonum grande var *rubescens* (Rosy Buckwheat)



Agastache Mexicana 'Sangria' (Mexican Giant Hyssop)

At Norrie's, you can pay admission and pick up a Visitor Guide and Map. Volunteers will point out locations of spectacular blooms and artwork as well as where hummingbirds have been recently spotted.

Arboretum Staff, Board Members, Contacts, & Member Feedback



Martin Quigley
Executive Director



Amber Burke
Development
Director



Brett Hall
CNP Program
Director



Katie Cordes
Volunteer
Coordinator



Theresa Milam
Office Manager



Angelica Gomez
AmeriCorps Program
Coordinator



Martin Grantham
Nursery Manager



Rick Flores
Curator, California
Native Collection



Samantha Spurlin
Plant Inventory
Specialist



Melinda Krajl
Curator, Australian
Collection



Tom Saucedo
Curator, New
Zealand Collection

The Bulletin of the UC Santa Cruz Arboretum & Botanic Garden

Editor: Linda Lane

Photos/Articles:

Linda Lane/Arboretum Staff/Volunteers

Friends of the Arboretum Board Members, 2017-18

Andrea Hesse, President

Stephanie Nielsen, Vice President

Julia Cowell, Secretary

Martin Quigley, Campus Representative

At-large Members:

Maura Connolly, Susanna Gaertner, Anita
Grunwald, Janet Platin, Bill Ruskin, Alison Tassio

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Bulletin Feedback:

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Arboretum: 831.502.2998,

arboretum@ucsc.edu

A new "Gallery of Photos" is featured on p. 8! For future issues, Arboretum staff, members, and volunteers and UCSC faculty/staff are invited to share photographs of favorite Arboretum plants, birds, events, or special places. Native and Mediterranean-climate plants in home or public gardens or seen while traveling are welcome. Please email entries, along with a "selfie" and brief bio, to Amber Burke (aburke1@ucsc.edu).



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Arboretum Summer-Fall 2018 Calendar

Check the [News&Events](#) webpage for schedule changes and additional Summer/Fall dates. Events are open to the public and free unless otherwise noted.

AUG 12 **Members Only Bird Walks**—7:30-9:00 am; pre-registration required
Sunday

AUG 17 **Members Only Nature Art Classes: Capturing the Character of Trees**—5:00-7:00 pm; pre-register & pay fees online
Friday

AUG 18 **Phenology Walk**—11:00 am-1:00 pm; pre-registration recommended
Saturday

AUG 19 **Nature Craft Workshop: Seed Nature Craft**—10 am-2 pm; pre-register & pay fees online (15 spaces)
Sunday

AUG 22 **Board Meeting**—5:00 pm Horticulture II
Wednesday

SEPT 01 **First Saturday Free Garden Tour** (with paid admission)—11:00 am at Norrie's Gift & Garden Shop
Saturday

SEPT 04 **Community Day**— Free admission to Arboretum 1st Tuesday each month
Tuesday

SEPT 08 **Through the Back Gate: Insider's View of UCSC Farm & Arboretum**—11:00 am-2 pm; pre-register and purchase tickets online
Saturday



SEPT 09 **Members Only Bird Walks**—7:30-9:00 am; pre-registration required
Sunday

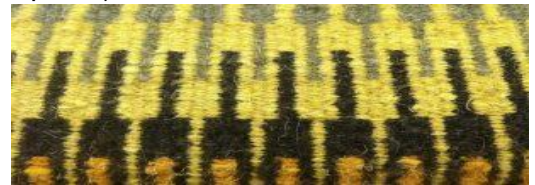
SEPT 10 **California Native Plant Society Meeting**—7:30 pm Horticulture II
Monday

SEPT 11-
NOV 07 **Yoga & Ethnobotany at the Arboretum**—Tuesdays 5:30-6:45 pm & Wednesdays 7:30-8:45 pm; pre-registration required

SEPT 16 **Members Only Annual Membership Meeting** (Arb-B-Q)—4:00-7:00 pm
Sunday

SEPT 22 **Phenology Walk**—11:00 am-1:00 pm; pre-registration recommended
Saturday

SEPT 29 **Nature Craft Workshop: Dyeing Wool w/ Invasive Plants**—10:00 am-3 pm; pre-register & pay fees online (18 spaces)
Saturday



OCT 02 **Community Day**— Free admission to Arboretum 1st Tuesday each month
Tuesday

OCT 06 **First Saturday Free Garden Tour** (with paid admission)—11:00 am at Norrie's Gift & Garden Shop
Saturday

OCT 13 **FALL PLANT SALE!** (with CNPS)
Saturday
Members: 10 am-12 pm, Public: 12-4 pm
Auction: 3-4 pm



OCT 14 **Members Only Bird Walks**—7:30-9:00 am; pre-registration required
Sunday

OCT 24 **Board Meeting**—5:00 pm Horticulture II
Wednesday

OCT 27 **Nature Craft Workshop: Eco-printing on Silk**—10:00 am-2 pm; pre-register & pay fees online (15 spaces)
Saturday



Donor / Membership Updates & Thank You!

Thank you to all donors and members! Between April 1 and June 30, 2018, your overwhelming support has been truly heart-warming:

- ⌘ Over 350 people gave \$71,317 in donations and membership gifts
- ⌘ Over 123 new donors and members joined the Arboretum community of supporters

A **huge** thanks to those who made a pledge to support the Arboretum & Botanic Garden on a monthly or auto-renewal annual basis. This commitment allows us to remain mission focused and connecting people with plants by offering educational opportunities, conserving rare and endangered plants, and re-imagining our horticultural displays to be even more beautiful and inviting. To set up an annual auto-renewal or monthly sustaining gift, visit the [Membership](#) webpage or call Amber Burke, Development Director (831.502.2303).



*Marie Beckham
Barbara Boone
Amber Burke
Lynda & Peter Haworth
Miki Joy
Vice Provost Herbert Lee*



As an artist, the Arboretum is my 'go to' place to regroup, rejuvenate, and be inspired. There's never a shortage of subject matter to draw or paint—not just the amazing and varied plants but the birds as well. After enjoying the Arboretum for YEARS, I felt it was time to give back by becoming a member.

~ Cynthia Armstrong, member since June 2018

The Arboretum does so much for so many people: it is a place for conservation and research, for students to work and grow, for the community to gather, for friends to become volunteers and volunteers to become friends, for inspiration, reflection, and appreciation. It is a place worthy of support and would be very different without us, just as we would be very different without it.

~ Maura Connolly, member & donor since February 2016

Support the Garden



Become an Arboretum & Botanic Garden Member: This fall we will be updating the membership program with new levels and perks! For example, current and recently graduated UCSC students can join for as little as \$25 per year. After September 15, other member level rates will slightly increase to allow for the rising cost of operations. To renew before rates rise, visit the membership page now.



Donate Online, In Person, by Phone, by Mail: Your investment immediately helps us achieve our goals of increasing access for visitors, expanding events and exhibits, and continuing our mission of conservation and sustainable landscapes.



Volunteer: The Arboretum relies on over 200 wonderful, dedicated volunteers in the gardens, at Norrie's Gift & Garden Shop, and at events. More volunteers are needed **now** for summer shifts at Norrie's, Friday Sweepers, and Wayside Weeders. This fall extra volunteers will be needed at the Lane Library and for Garden Meeters and Greeters. Details of all opportunities and sign up form available online.



Dedicate a Garden Feature: Your gift is a wonderful way to remember a relative or friend, honor a colleague, or demonstrate your commitment to and appreciation of the Arboretum. Options include a commemorative sign, existing or new tree dedication, tribute bench, art statue, or garden structure. Details and contact information available online.