

QuailTracks

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October, November, December 2017



San Diego
BOTANIC
GARDEN

San Diego BOTANIC GARDEN

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MISSION STATEMENT: *To inspire people of all ages to connect with plants and nature.*

SAN DIEGO BOTANIC GARDEN PHONE EXTENSIONS

SDBGarden.org

230 Quail Gardens Drive, Encinitas, CA 92024
 760/ 436-3036 (phone) 760/ 632-0917 (fax)
 Monday – Friday, 9 AM – 5 PM

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The Garden Shops

Open 10 am – 4 pm daily (Closed on Christmas Day)

Membership Discounts:

10% to Family, Individual and Steward level members

20% to Patron and higher level members

As fall rolls into the Garden, be sure and come by our Garden Shops – the cooler days are bringing in new merchandise that's just perfect for savoring the season in your garden. We have lovely new stoneware by Mara; each glazed piece is an original with hand painted botanic design.



For the younger visitors, we have adorable plush Audubon birds with real birdcalls! Not only are they soft and snuggly, but the bird calls are from the Cornell Lab of Ornithology. These sweet birds are educational, entertaining and are collectible!

Of course our ever-growing Plant Shop is well stocked with our popular succulent wreaths, topiary and mixed succulent gardens. It's the perfect place for an afternoon spot of tea as you stroll among our wide selection of plants suitable for any garden!

Help the Garden; Get a Tax Break!

Stocks held more than a year can be donated to the Garden. You receive an income tax deduction for the full market value AND pay no capital gains tax. Transfer can be done electronically. Lower your taxes while helping the Garden!

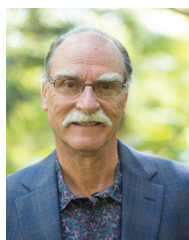
The IRA charitable rollover is now permanently allowed by law. If you are 70 ½ or older you can make a direct gift of up to \$100,000 to the Garden without having to recognize the income. Contact your tax professional to learn more about this and other ways to make a charitable donation while reaping tax benefits.

Call development director Carolyn Zollars at 760/ 436-3036 x216 if you have questions about the many ways you can support the Garden and receive a tax break in the process!



On the cover: Del Mar Manzanita, Native Plants and Native People Trail Photo: Rachel Cobb

Full Speed Ahead for the Dickinson Family Education Conservatory



Message from the President

Julian Duval
President/CEO

With our building permit in hand, we are now confident that we will be able to open the Dickinson Family Education Conservatory in early Summer 2018. Many things are coming together. By the time you receive this issue of *Quail Tracks*, the actual greenhouse building material will be on-site and soon covering the 8,000 square foot Conservatory footprint.

The 'Plant Chandeliers' are tropical forest canopy plant displays and are now on-site in a greenhouse space kindly loaned to us by our neighbor the Leichtag Foundation. These Plant Chandeliers were built by Weldon Exhibits, a museum design firm in the Bay Area. Because each of these three Chandeliers span over 14 feet, they had to be shipped in halves to fit road width limits. They are built from natural trunks and branches of Catalpa trees, which are light and very decay resistant. These one-of-a-kind chandeliers were built to our specifications and Weldon has reinforced them with stainless steel to insure they will be structurally sound.

We are now outfitting our Chandeliers with built-in irrigation and adding the myriad variety of plants we have been procuring that are representative of the world's tropical forest canopy. Plants have come from several of our fellow botanic gardens and specialty nurseries from around the country as well as internationally. Moving the finished Chandeliers into the conservatory when it is ready will present challenges, but plans are underway to tackle that when the time to transport comes.

The plant displays will be spectacular, but the Dickinson Family Education Conservatory will also consist of indoor classroom space, an outdoor amphitheater and teaching kitchen aimed at helping young people establish healthy eating habits. In addition, the main hall will provide seating for over 300.

I am confident our new Conservatory will clearly become a favorite part of the overall SDBG experience for our visitors. As you know, all of this is made possible through private donations – and there are still some notable naming opportunities for those who would like to help out! Like the growth of the Garden overall, the Conservatory is the result of many very talented people with skills in all aspects of project development and management. Good planning is clearly key to its success.

Our Governing Board has ultimate responsibility for input and approval of the development of the Garden over time. This group has been at the helm providing both support and over-site for our Conservatory project since its beginning. The success of the Garden has made it possible to attract new talent to the board over the last couple of months. I am pleased to say that we have added 10 new Board members! You can get a snapshot of new Board Members on page 13 of this issue of *Quail Tracks*.



(from left) Dave Weldon of Weldon Exhibits; Julian Duval, SDBG President & CEO; SDBG Board Members Carol Dickinson, Suzy Schaefer and Martin Dickinson.



The Garden's growth and success over time has helped to build a qualified and dedicated governing board. As President and CEO, I answer to this great group of people and it was the governing board at the time 23 years ago that made the decision to hire me.

Over the last several months, I have been working with our board in creating a succession plan for my retirement in January 2019. Good planning will be responsible for adding the Dickinson Family Education Conservatory as the Garden's newest jewel in its crown. Planning now for my retirement will likewise result in attracting the best qualified person as the next President and CEO of the San Diego Botanic Garden. When the time comes, I look forward to passing on the great opportunity I have enjoyed to the next person that will see the Garden realize what is certainly a very exciting future.

Upcoming Events

Sculpture in the Garden

Now – April 2018 . 9 am – 5 pm

This unique exhibition showcases sculptures from 31 talented artists set against the beautiful backdrop of the Garden's lush and natural 37 acres. Curator Naomi Nussbaum of Naomi Nussbaum Art & Design has orchestrated an eclectic exhibition ranging from functional garden artwork to large abstract work with an emphasis on diversity of media and scale. Take a self-guided tour with the Garden's dedicated Sculpture Map. All sculptures on exhibit are for sale, with portion of the proceeds going to fund the Garden. For participating artists, visit SDBGarden.org/sculpture.htm.

Cost: Free with paid admission or membership.

San Diego Botanic Garden Orchid Clinic

Saturday, October 7 . 10 am- 3 pm

Participants can choose to attend one or all of the four great education sessions offered during the Orchid Clinic. Each session is presented by local expert orchid growers, who will impart valuable, easy-to-use information on how to select, grow and care for orchids.

10am – Nico Goossens – Re-blooming Your Orchids

11am – Don Doerfler – Orchid Problem Solving Clinic

1pm – John Oswalt – How to Mount Orchids and Successfully Grow them

2pm – Dave Hoffmaster – Orchids 101 – Learn the Basics on Growing some of the Most Popular Orchids

Cost: Free with paid admission or membership.
Free for AOS members (must show card).

**PUBLIC IS INVITED TO
SHOP THE ORCHID SALE**

34th Annual Fall Plant Sale

Saturday & Sunday, October 21 & 22 . 10 am – 4 pm

Larabee and Benefactor Society Members Only Pre-Sale

Saturday, October 21 . 8 – 9 am

Members at basic levels may renew early and upgrade to the \$150 Steward level to enjoy early access to the Fall Plant Sale to choose from the best selection. To renew by phone call Josh at 760/ 436-3036 x214.

Members Only Pre-Sale (all levels)

Saturday, October 21 . 9 – 10 am

50% Off Plant Sale

Monday, October 23 . 9 am – 1 pm

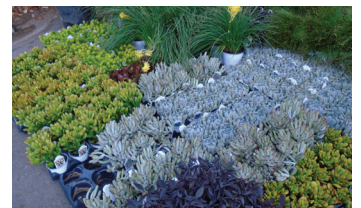
All remaining plant stock goes on sale for ½ price

Plant donations from over 100 local growers, wholesalers, retail nurseries, and individuals make this one of the most interesting and diverse plant sales in all of San Diego County!

Come see the incredible deals only we can offer on California natives, cacti, succulents, bromeliads, fruit trees, and sub-tropicals.

Visit our Botanic Attic for garden-related items. And be sure to check out our huge selection of used books and homemade goodies such as specialty jellies. Enjoy an opportunity drawing and our popular sit-down Bakery Shoppe located in the Ecke Building, which serves cakes, cookies, pies, and coffee.

Cost: Free with paid admission or membership *\$5 admission on Sunday, October 22 (all day) and Monday, October 23 (until 12 noon).



Help Make Our Fall Plant Sale a Success!

The success of our plant sale depends upon the generosity of community members. You can help in the following ways:

- Help underwrite the event; Donate plants or gently used garden-related items
- Participate in set-up on October 16 – 20.
Contact Stacy Fattaleh at 760/ 207-4259 or sfmermaid@cox.net for more information.
- Bake a yummy cake, pie or batch of large cookies for the Bakery Shoppe. Bring your baked goods to the Ecke Building on Friday, Saturday, or Sunday, Oct. 20-22.
Contact Thelma Montag at 760/ 436-4601 for more information.
- Let your surplus books rejoin the world's circulation. Donate your gently used works of fiction, non-fiction, hard cover, soft cover, pocket and audio books. Bring your donations to the Administrative Offices during regular business hours (9 am – 5 pm, Monday through Friday) and we will put them in the sale. Please do not bring encyclopedias or Reader's Digest condensed books (they do not sell).

All Fall Plant Sale supporters who contribute a minimum of \$200 in cash, plant material valued at \$200 or more, or help at least 20 hours with the set-up, will be invited to attend a special VIP Pre-Sale/ Wine and Cheese Reception on Friday, October 20, followed by an exciting live auction that features unusual collector plants. See you at the Fall Plant Sale!

Cactus and Succulent Show and Sale

Saturday, October 28 . 9 am – 5 pm

Sunday, October 29 . 10 am – 3 pm



See spectacular succulent specimens from around the world – and add them to your collection – at the annual Palomar Cactus and Succulent Society Show & Sale at the Garden.

Check out award-winning show plants, available for viewing both Saturday and Sunday. Winners identified by 1 pm on Saturday.

Don't miss this unique show and sale! Plants that both the novice and the collector will enjoy, as well as hand-made ceramic pots, driftwood planters, and more unique items!

Cost: Free with paid admission or membership.

Garden of Lights

December 2 – 23 & 26 – 30 . 5 – 9 pm

After the sun goes down, the Garden is transformed into a dazzling winter wonderland with over 125,000 sparkling lights illuminating the Garden for a magical holiday experience!

Festive holiday activities abound including SNOW (on select evenings), horse-drawn wagon rides (also on select evenings), holiday crafts, marshmallow roasting, visits with Santa, hot mulled wine and refreshments. Enjoy great holiday entertainment every single night!

Admission (Sunday – Thursday): Members \$10; Seniors, active-duty military, and students \$10; Non-members \$15. Children ages 3–12, \$5. There will be additional fees for some activities.

Admission - Premium Nights (Friday and Saturday): Members, seniors, active-duty military, and students \$10; Non-members \$20, Children ages 3-12, \$5. There will be additional fees for some activities.



Photo: Rachel Cobb



**Like us on Facebook!
Get exclusive information on
your favorite SDBG events!**

Fall Classes

To see full class descriptions and to register go to SDBGarden.org/classes.htm or call 760/ 436-3036 x 201. All classes are for ADULTS ONLY (18+)

Succulent Turtle **Saturday, October 7** **9 am – 12 pm**

Create your own unique miniature Succulent Turtle for your garden or table. Forms and succulents provided. Please bring small clippers for this easy, clever garden design workshop. Taught by the SDBG Succulent Wreath Team.

Cost: Members \$45, non-members \$54.
Fee includes materials.
Register by September 29

FREE WORKSHOP - All about Worms Composting Workshop

Sponsored by the Solana Center for Environmental Innovation

Saturday, October 7
10 am – 12 noon

Vermicomposting (worm composting) is an environmentally friendly way to turn your food waste into nutrient rich castings for your plants or garden beds. Learn how easy it is to compost your food waste with red wriggler worms at this interactive presentation.

To attend, please register at solanacenter.org/sdbgworms.

Watercolor Botanical Drawing

Sunday, October 8
9:30 am – 3:30 pm

All levels welcome!

Drawing is seeing without knowing. All of us have symbols stuck in our heads that represent shapes, but those symbols are not actually what we see in front of us. Learn how to break away from what our minds tell us we see, and begin to really see (and draw) in an entirely new way! Instructor: Helen Shafer Garcia

Cost: Member \$80, non-member \$93.
Supply list will be sent at time of registration.
Register by: September 29

Build Your Own Hydroponic Winter Garden

Sunday, October 8
9 am – 12 pm

Learn the principles of the hydroponic wick method by building your own sustainable garden to take home. Instructor: Alex Kallas of AgPALS.

Cost: Members \$80, non-members \$96.
Fee includes materials.
Register by: September 30

Mosaic Mandala

2-Day Class
Wednesday, October 11 &
Wednesday, October 25
12:30 – 4 pm

Make your own 10" mosaic mandala (a round, spiritual symbol representing the universe) in this 2-day class using glass gems, stained glass, mirrored glass and ceramic tiles. Materials are

waterproof, so you can hang your piece outside. No experience necessary. Come see an example of Instructor Marsha Rafter's work at the Sculpture in the Garden exhibit!

Cost: Members \$75, non-members \$90 Plus a \$60 materials fee payable directly to the instructor on the first day of class. Materials include weatherproof substrate, all glass and glass gems, ceramic tiles, adhesive, grout, and a hanger.
Register by: October 6

Succulent Pumpkin

Tuesday, October 17
9 – 11 am

A Succulent Pumpkin makes a FANTASTIC centerpiece or front door décor for Fall. Design your own pumpkin by topping it with moss, succulents, fall leaves and berries. It will last for months! Taught by the SDBG Succulent Wreath Team.

Cost: Members: \$35, non-members \$42.
Fee includes materials.
Register by: October 13

Fall in the Vegetable Garden

Saturday, November 4
9 am – 12 pm

Learn what to plant in your Fall garden and how to preserve the bounty of vegetables you harvest. We will demonstrate preservation methods including pickling, jams and herbal recipes. Seed saving and propagation will also be covered. Each student will also receive "The Ball Preservation Book," the manual of food preservation. Instructor: Jano Nightingale

Cost: Members \$45, non-members \$54, plus a \$10 materials fee paid directly to the instructor at the class. Register by: November 2

Living Wall / Vertical Garden

Saturday, November 4
9 am -12 pm

Saturday, December 9
9 am – 12 pm

Learn the basics of planting a living wall by making your own 10" x 20" succulent wall! These beautiful vertical gardens, filled with a multitude of colors, textures and sizes of plants, can be displayed inside or outside your home. Instructor: Mary Lou Morgan.

Cost: Members \$30, non-members \$36, plus an \$80 per student materials paid directly to the instructor at the class.
Register by: October 27 or December 1

Zentangle Wishes & Dreams Workshop

Saturday, November 4
2 – 4 pm

When you write down your thoughts, it clearly exposes what you want. Certified Zentangle

Teacher Janet Masey invites you to make your dreams come true by creating a Wishes & Dream Jar using the Zentangle Art Method.

Cost: Members \$40, non-members \$48, plus a \$10 materials fee paid directly to the instructor at the class.
Register by: October 27

Miniature Live Holiday Succulent Tree

Tuesday, November 7
9 am – 12 pm

Design a delightful miniature succulent tree and decorate it with berries for your dining room, entry table or as a wonderful holiday gift! Taught by the SDBG Succulent Wreath Team.

Cost: Member \$60, non-member \$72
Register by: November 3

Take a Walk in the Herb Garden

Saturday, November 18
9 – 11 am

Chamomile, basil and mint - oh boy! Walk down the glorious path to San Diego Botanic Garden's Herb Garden and learn about the medicinal, aromatic and culinary properties of herbs. We'll create herbal products for the body, mind and the senses in this class and learn the cultural requirements necessary to create a successful backyard or container garden. Instructor: Jano Nightingale

Cost: Members \$45, non-members \$54.
Register by: November 10

Succulent Wreath

Saturday, December 2
9 am – 2 pm

Take home a beautiful succulent wreath that you make yourself. Taught by the SDBG Succulent Wreath Team.

Cost: Members \$65, non-members \$78. Fee includes materials.
Register by November 24

Holiday Wreath Workshop

Saturday, December 9
10 am – 2 pm

Build a beautiful full sized, mixed greens wreath to decorate your home for the holidays. This technique can be applied to items often found in the garden. These gorgeous wreaths also make great gifts! Instructor: Diana Burke

Cost: Members \$50, non-members \$60. Fee includes materials.
Register by: December 1

Quercus suber at SDBG

By Ian Cole
Director of Operations



One of the most striking areas within our garden is the Cork Oak (*Quercus suber*) grove featured prominently in the entry of the Mediterranean Garden. These trees were a favorite of Ruth Larabee and remain a favorite amongst first-time visitors and long-time members alike. The sprawling canopy is delightful on hot summer days and the thick, spongy bark calls out to passers-by to reach out and touch. What the tree itself cannot tell us is the global impact they have had on ecology, economy and history.

In nature, the thick bark functions to protect and insulate trees from excessive heat and water loss in its native Mediterranean habitat. This bark has been used by humans for at least two thousand years (1). Ancient Egyptians used cork to stopper vessels of oil and wine. Many years later, in the seventeenth century, the technology for stopping wine bottles with clean cork was perfected in the Benedictine Abbey at Hautvillers (1). Along the Mediterranean Sea, cork has long been used as floats and buoys for fishing nets and there were many cases of cork being used to make sandals and footwear due to its shock absorbing qualities. From Rome to Portugal, cork was a favored material to construct beehives because it has very low heat conductivity, something the National Aeronautics and Space Administration (NASA) later utilized in the construction of the Space Shuttle and the Apollo Lunar Module. In 1665, cork played a very important role in history when Robert Hooke first described and coined the term “cell” while observing small sections of cork bark under a microscope (2). Around the time of World War II, cork was used in the production of planes and electronics and the vast stands of cork oak in Spain and Portugal were at risk, so State Governors and US officials, together with Arbor Day groups and the 4-H Club launched the “Cork Oak Project” to encourage anyone with space to plant *Q. suber* to help “keep America free.” It is believed that our Cork Oak grove began from a seedling from Spain that was a part of this project.

Today cork oak remains extremely important for its bark and its impacts on the local ecology. On the Iberian Peninsula (Spain and Portugal) there are over 6.2 million acres of cork oak (3). This vast region produces much of the commercial cork for the rest of the world. Unlike other plant species, the native range of cork oak was expanded over many hundreds of years by people migrating along livestock routes (3). The people who cared for large flocks of animals

and worked their way from one end of the Iberian Peninsula to the other frequently brought plants, ideas, animal stock, and culture that were important to them. Recent studies have also found that decline of *Q. suber* in a forest has detectable effects on seedlings of other species of trees, shrubs and vines and could be an indicator of forest health in its native ecosystem (4).

Our cork grove here at the garden serves as an area of great beauty and to educate our guests, so we recently collaborated with Dr. Matt Ritter, Director of the Cal-Poly Plant Conservatory, who attempted to harvest several sections of bark from our cork oaks for educational purposes. This project is ongoing and Dr Ritter will continue to work on our trees. Please take some time on your next visit to peruse the myriad of products made from cork in our gift shop and visit with the beautiful specimens here at SDBG.



Dr. Matt Ritter

1. Gibson, L.J.; Easterling, K.E.; Ashby, M.F. (1981) The structure and mechanics of cork. *Proceedings of the Royal Society of London* – A. 377: 99-117
2. Durrant, T.H.; de Rigo, D.; Caudullo, G. (2016) *Quercus suber* in: *European Atlas of Forest Tree Species*. San-Miguel-Ayanz, J.; de Rigo, D.; Durrant, T.H.; Mauri, A. (eds) pps: 164-165
3. Calonge-Cano, G.; Madrigal-Gonzalez, J.; Ramos-Santos, J.M. (2017) Following the signature of *Quercus suber* L. outside its climatic range: Anthropogenic distribution along traditional Transhumance routes. *Human Ecology* 45:417-424
4. Ibanez, B.; Gomez-Aparicio, L.; Avila, J.M.; Perez-Ramos, I.M.; Maranon, T. (2017) Effects of *Quercus suber* decline on woody plant regeneration: Potential implications for successful dynamics in Mediterranean forests. *Ecosystems* 20:630-644

Ours is the only Garden worldwide with an in situ population of Del Mar Manzanita

Sowing the Seeds of Conservation

By Tony Gurnoe
Horticulture Manager



Much of our work at the San Diego Botanic Garden is evident in the tranquility of our Bamboo garden, the whimsy of our children's gardens, and the spectrum of flowers throughout. Our fight to save local plants from extinction may be less apparent, though no less important. The Southern Maritime Chaparral and Coastal Sage Scrub communities within our Garden are among the most threatened

habitats in the entire country. I want to highlight certain efforts in these natural areas, both to help you understand what you're supporting when you contribute to this Garden and in hopes that you might become even more involved.

Next time you visit the Overlook Natural Area, take a moment to stop on the boardwalk and look at the plants around you. Depending on the time of year, you might see the white flowers of Black Sage (*Salvia mellifera*) and Chamise (*Adenostoma fasciculatum*), or the light pink urn shaped flowers of the Del Mar Manzanita (*Arctostaphylos glandulosa* ssp. *crassifolia*). All of these plants, along with their associated birds, reptiles, mammals, and insects are native to Encinitas, and growing naturally within the botanic garden.

The Del Mar Manzanita is particularly noteworthy. Not only for the way the tough blue-green leaves contrasting with the silky red wood, but because of how rare they are. These manzanitas only grow within a narrow range along the coast, most of which is now covered by homes and highways. The saving grace for these plants has been protections granted through the Endangered Species Act, but ours is the only Garden worldwide with an in situ population of Del Mar Manzanita.

Our Native Plants, Native Peoples exhibit offers a more personal encounter with rare native plants. Brush against the leaves to determine which of the smelly sage scrub plants has your favorite fragrance. Walk through the heart of Del Mar Manzanita territory and be inevitably impressed with the tenacity of these plants. If you're quiet and observant you'll notice bird songs from the Bushtits, Towhees, and California Scrub-Jays making lives for themselves among the native shrubs. Our luckiest visitors may even catch sight of the little blue-gray and endangered California Gnatcatcher. This part of the Garden is especially gorgeous from late winter through spring, when so many wildflowers clamor for sunlight and race to set seed before the long, dry summer.

Your San Diego Botanic Garden experience is not complete until you've stuck your nose in a White Coast Ceanothus (*Ceanothus verrucosus*) flower. The same might be said for admiring the sunny spray of Orcutt's Goldenbush (*Hazardia orcuttii*), a late summer bloomer which is so rare that a few hundred plants on a single mesa



Photo: Rachel Cobb

Del Mar Manzanita

in Encinitas make up the entire natural U.S. population.

For millions of years the Coastal Sage Scrub and Maritime Chaparral Communities were perfectly successful without any human interference. It might even seem counter intuitive that areas meant to be kept natural would need any management, but these plants face a barrage of novel stressors. Invasive weeds, foreign pests and diseases, alteration of the natural fire regime, drought, and habitat fragmentation still pose threats to the rare plants in our Garden. Part of the need for this conversation stems from the fact that the more effective we are in our efforts to mitigate these factors, the more invisible our work becomes. This poses a problem at the heart of what I hope to address.

Earlier this year I gave a presentation at the Center for Plant Conservation's (CPC) national meeting. The CPC is a cooperative alliance of institutions with a common goal of protecting the native plants of North America from extinction. Julian Duval (SDBG President/CEO) and Jeremy Bugarchich (SDBG Collections Gardener) joined me in attending this nation-wide gathering of botanists, ecologists, geneticists, and conservationists. When scientists present to scientists, the information tends to come in the form of dense datasets and technical language. I worried that my opportunity to address this important audience would be lost among the graphs if I took the same approach. Somehow, I needed to package my message in a distinct and memorable way. The tone of my presentation, which was titled "Conservation by



Hazardia orcuttii Orcutt's Goldenbush

Photos: Rachel Cobb



Spotted Towhee

Community Connection,” came straight from the San Diego Botanic Garden’s mission statement:

“To inspire people of all ages to connect with plants and nature.” It turns out this is not only our guiding mission, but also our strength as an agency for positive change. Elements of our mission statement, such as inspiration and connection to nature, came up repeatedly, throughout otherwise unrelated presentations. Clearly this audience was ready for what I had to say. After a brief nod to our rarest plants and elaborate conservation efforts on their behalf, most of my presentation was dedicated to our Docents, the public, and particularly the children who visit our Garden. The fates of plants like the Del Mar Manzanita and Orcutt’s Goldenbush are in your hands as much as mine. Botanists alone cannot save the threatened plants of the world from extinction. We need more of our community to buy in to this mission, but for that to happen our community must first be brought into the loop.

Traditionally conservation has been a duty relegated to a small group of people with technical training in the field, but the situation is dire enough that we’re necessarily moving beyond that old paradigm. My goal with this article is to draft all of you: our Members, Docents, Donors, and friends of the Garden to join myself, the Garden staff, and all of our fellow conservation scientists in inspiring people to connect with these increasingly rare plants. Many of you are already aiding this cause, whether as Docents telling the story of these plants through our tours and youth educational programs, volunteers working with native plants in our nurseries, or even helping pull weeds in our natural areas, but we need more. We need you to buy native plants to put in your yards, to talk with your friends about the uniqueness of our native plant communities and their importance to our favorite birds and butterflies, and most of all we need your help in fostering a personal connection to local plants into future generations.

Some of you might remember me standing around the native plant table of 2015’s Fall Plant Sale answering questions, even though I was just another customer. From there I was recruited to lead a native plant training seminar in 2016 for our Docents who lead weekly tours. Shortly after my professional return to the San Diego Botanic Garden earlier this year, I became the Conservation Officer in addition to being Horticulture Manager.

My morning meditation in this Garden is centered on surveying our natural areas, removing invasive plants, gathering seeds, mapping our most sensitive species, and of course savoring the company of our resident quails. Future projects from me include revamping Cardiff Elementary School’s native pollinator garden, teaching volunteers at Old Mission San Luis Rey about pre-Spanish San Diego, and even speaking at the next California Native Plant Society conference about my experience with native plants.

This is personal for me, as it must become for others. It’s unreasonable, perhaps impossible, to expect anybody to protect a species they do not even know exists. Fortunately, all of us can play a successful role in changing that, in introducing those in our community to our plant neighbors, and in fostering a flourishing culture of conservation through personal connection with these amazing survivors.



Lemonade Berry

SOW HCG

Seeds of Wonder • Hamilton Children's Garden

For Children

Questions regarding Seeds of Wonder and the Hamilton Children's Garden?
Please contact Susanne at SOW@SDBGarden.org

Family Fall Festival

Saturday, October 28

10 am – 2 pm

Come to the Garden and celebrate the season with Fall-themed activities; pumpkin painting, Halloween crafts, and a petting zoo!

Children can wear their favorite Halloween costume and are invited to participate in a costume contest. Don't forget to stop in and have a photo taken with the Big Pumpkin!

The "O" Truck will offer a variety of organic, farm-to-table entrees at the Festival. Rita's Italian Ice Encinitas will have yummy frozen treats available. Visit our website for detailed information and event schedule at SDBGarden.org/family-fall.htm.

Absolutely NO adults in costumes, please!

Cost: Free with paid admission or membership. Small fee for crafts and some activities.

Garden of Lights

Activities for children will be offered during Garden of Lights. For detailed information on this event, see page 5.



Photo: Rachel Cobb



Birthday Parties for Children

On Saturdays and Sundays, we reserve the picnic area in Seeds of Wonder and provide special activities such as plant potting, rock painting, easel painting and bubble play for birthday parties. Please visit our website at SDBGarden.org/birthday.htm for detailed information or contact Susanne at SOW@SDBGarden.org to book a party.

School Group Visits

Information and tour request forms for self-guided and docent guided group visits can be found on our website at SDBGarden.org/hcg_tours.htm.

Ongoing Programs for Children

Free with admission or membership. Please check our website for a detailed description and schedule of ongoing programs.

Volunteers Contribute More Than Beauty to the Garden

The San Diego Botanic Garden is exceptionally fortunate to have an amazing group of knowledgeable, energetic and committed volunteers. Were it not for our astounding team of over 300 volunteers, we would not have nearly the Garden we all cherish. As our fiscal year ends, we take a close look at the many areas of the Garden where our volunteers contribute; the hours worked are astounding, resulting in productivity we could never appreciate without them. Take a look at their accomplishments!

Volunteer Statistics 2016-17

303 Active Volunteers

166 Docents & 137 Volunteers

37,109 HOURS WORKED

\$556,635 Estimated Value

Volunteer-Led Tours

Adult Tour Visitors: 800

College Students: 339

Special-Needs Youth: 21

Youth Tour Visitors: 3,107

Tour Visitors: 4,267



#Volunteer Hours

Garden Beautification:	12,188
Gift Shop:	4,072
Office/Admin:	3,424
Education:	2,871
Event Shifts:	7,343
Working w/ Disabled:	683
Welcome Center:	1,664
Other:	4,864

Volunteer and Docent News

August Volunteer of the Month:

ALICE SCANTLEBURY KEENER

Born and raised in Ashland, Ohio, the balloon capital of the world (and her family business), Alice graduated from William and Mary in Virginia and received a Master's Degree in Special Education from Vanderbilt.

The focus of Alice's career was teaching and directing programs for special needs children. Her interest in gardening was fostered by her parents and grandparents.

Upon retirement, Alice and her husband moved to Encinitas to be near their two children and four grandchildren. She began volunteering in 2015 and loved her docent classes! She can often be found in the Hamilton Children's Garden or leading children's tours. In addition to the serenity and beauty of the Garden, Alice loves working with amazing, kind, friendly and generous staff and volunteers.



September Co-Volunteers of the Month:

SALLY AND WILLIAM WILLIS

Sally: A native of Chicago, Sally is one of eleven children and is married to her co-honoree, Will.

As a child, Sally's parents always planted a vegetable garden and she claims there is nothing better than freshly-picked tomatoes!

Sally spent 25 years in the pharmaceutical industry. After retiring to Carlsbad, she soon joined the Garden, having had a positive experience as a Chicago Botanical Garden volunteer.

Sally likes the flexibility and variety of volunteer opportunities and enjoys garden beautification in the Old World and New World. She also contributes to the Fall Plant Sale and the Gala Cuisine Committee. One fond experience she had at the Garden involved hitting the irrigation system during a Saturday beautification which resulted in a geyser and very refreshing shower!



Will: Will grew up in the Chicago area as the middle of three boys. He and his wife, Sally, who share this honor, have a son and daughter and three grandchildren which is what brought them to Carlsbad upon retirement. Will's 30-year career as a Development Engineer was with a medical products company.

As a nature and outdoor enthusiast, Will visited and volunteered at the Chicago Botanical Garden since its 1960's inception. Will quickly discovered volunteer opportunities at our Garden where he participates in Garden Beautification, the Gala, children's programs and Garden of Lights. The serenity of the Garden along with wonderful colleagues make for a great experience!

Docent Meetings – Everyone Welcome!

First Wednesday of the Month

9:30 am – 12 pm Arrive at 11 am for the program.

October: Bob Holzinger, SDBG volunteer, will share his expertise on passiflora vines. Bob has helped develop the hybrids P. Frederick and P. Purple Tiger. In his presentation, Paul will present the species and hybrids that he has found will grow well in our San Diego climate. Passifloras are popular for their beautiful flowers and delicious fruit.

November: Join us for our Docent and volunteer potluck and Member Holiday Craft Sale! Do your holiday shopping here!

December: No meeting

Governance Update

By Carolyn Zollars
Development Director



So far, 2017 has been a very busy year for the SD Botanic Garden's board of directors! With a number of long-standing members of the board terming off at year-end, the board has been busy recruiting new members to fill these seats. At this writing, I am pleased to share that the board has recruited 10 new board members.

Pictured are the new board members, from a variety of key backgrounds who will help the Garden move forward over the next several years.

1 Pete Elkin is a 47-year resident retired from a senior level position at Marine Corps, Camp Pendleton. He has worked in management roles for nonprofits including United Way of S.D. and California Center for the Arts.



2 Martin "Marty" Cassell is a chartered financial analyst (CFA) who has worked for Chandler Asset Management in San Diego for 26 years where he now serves as CEO. He is married to Kellie Cassell, the volunteer Buyer and Merchandiser at our Gift Shops.

3 John Clark, PhD, serves as president and CEO of the Center for Plant Conservation, based at San Diego Zoo Global, a U.S.-based conservation organization focused on conserving the native plant species of the U.S. and Canada.



4 Allan Dodds, PhD, is a retired professor of plant pathology from U.C. Riverside. He became a docent in 2009 after retiring and serves as Vice Chair of SDBG docents, in addition to helping with training and leading tours.

5 Martin Dickinson is a retired banker who served in leadership positions in San Diego for 50 plus years. His wife, Carol will be terming off SDBG's board this year. Martin and Carol provided the lead gift for the Dickinson Family Education Conservatory, scheduled to open here in 2018.



6 Mark Dowling, CFA, CFP, is a retired investment advisor and founder of Dowling & Yahnke, LLC. He became a docent at SDBG in the past year.

7 Marjorie Fox most recently served as director of special programs at Leichtag Foundation. Her experience includes nonprofit management and fund development.

8 Andy Grant, along with his wife, Sue, are Encinitas residents who have been involved with a number of nonprofits over the years. He has been active in the securities industry for a number of decades.



9 Adam Robinson, CCIM, SIOR, CPM, is founder and principal at RAF Pacifica Group, a San Diego-based commercial real estate company.

10 Suzanne "Suzy" Schaefer has spent her life helping local and national organizations through her volunteer work. She is a passionate gardener who wants to make a difference through her service on SDBG's board.

Not pictured is Arlene Prater, attorney at Best Best & Krieger, LLP who has served two prior terms and after the required hiatus, graciously rejoined the board recently.



Thank You, Donors!

San Diego Botanic Garden wishes to thank the following donors for cash and in-kind gifts, including Benefactor and Larabee Society memberships made between **May 1 and July 17, 2017.**

If you see an error, our sincere apologies! Please reach out to Carolyn at 760/436-3036 or email her at czollars@sdbgarden.org. We will be sure to recognize you properly in the next issue. Thank you!

Gifts of \$50,000 to \$99,999

Anonymous
Rancho Santa Fe Foundation

Gifts of \$5,000 to \$49,999

Mr. and Mrs. Richard Borevitz
Mr. and Mrs. James S. Farley
Olivenhain Municipal Water District
SDG&E, A Semptra Energy Utility (Grant for Title 1 School Trips)
Westfield UTC

Gifts of \$1,000 to \$4,999

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Matching Gifts

Edison International thanks to Elf Mitton
Davey Tree Expert Company thanks to Leonard Burkhardt

New or Renewing Benefactor Society Members

Cork Oak \$2,500 - \$4,999

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ASEG, Inc.

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In Memory of Don Sapp
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In Memory of Wolf Spindel
Ellen Fox

In-kind Gifts valued above \$200 (NOT including Gala)

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Dani Solera
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Ralyn and Nathan Wolfstein

Special Note: For memberships or donations paid on a monthly basis, the total annual donation is recognized once each year.

Arbor Vitae Guild Members

Ruth Larabee believed in the importance of preserving open spaces and gardens for the enjoyment and education of the community. This belief led her to bequeath her 30-acre estate for just that purpose, a gift that became the San Diego Botanic Garden. **Planned giving is the cornerstone of the Garden's history and the key to its future.**

The Arbor Vitae Guild was established to honor the Garden's friends who have indicated that they have included the Garden in their will, trust, or other deferred giving method. Gifts of all sizes are welcome, as they ensure the Garden's natural beauty and vitality for the enjoyment of future generations. We invite you to begin a conversation about how a planned gift can benefit you now and the Garden in the future.

Anonymous

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Please remember to include Quail Gardens Foundation, Inc., dba San Diego Botanic Garden, tax ID 95-6120581, in your will, trust, or estate plan. For more information, please contact Carolyn Zollars, Director of Development, at 760/ 436-3036 x216 or czollars@sdbgarden.org.

In Remembrance: Margaret Jones

Margaret Matlack Jones came to San Diego Botanic Garden in 2008 to become a Docent. She soon met Peter Jones, who was teaching the Bamboo class, but it took a couple of matchmakers, Katie Pelisek and Bill Teague, to get them together in a more intimate setting, Peter's garden.

Before long they were engaged and then married! Her upbeat attitude, great sense of humor, and high energy endeared her to us all. Margaret tended the Undersea Garden meticulously, and was in charge of our gorgeous succulent topiaries. In addition, Peter and Margaret created several award-winning Garden displays at the San Diego County Fair. Margaret's quick wit, can-do attitude, and ability to connect with everyone will keep her in our hearts forever.

Sally Sandler, Docent and author of *Sowing Seeds of Wonder*, wrote this beautiful sonnet for Margaret:

A Sonnet for Margaret

If it were in our province to distill
the essence of her soul---her warmth and grace,
her playful mind and spirit, strength of will---
we'd find the dazzling smile that lit her face

like daylight burning bright upon the shore.
Often when she smiled, she sought to teach
that we could be our best selves ---even more,
and higher mountains were within our reach.

Her loving smile helped clear the clouds of grief,
the gathering storm, the time when we would part.
She was constant as the sun in her beliefs,
and her goodness radiates inside our hearts.

And now, beyond the crucible she braved,
her smile transforms the darkness into day.

— Sally Sandler 2017



**Please join us at Margaret's Celebration of Life on
October 12 from 2-4 pm in the Walled Garden.**

Become a Corporate Partner TODAY!

As a Corporate Partner, you will receive recognition on our website and on signage in the Garden, invitations to special events, and other attractive benefits for each level of support. For information on how your organization can support the Garden as a Corporate Partner, please contact Doreen Prager at 760.436.3036 x 218 or by email at dprager@sdbgarden.org.

Our Appreciation to our Corporate Partners

We thank our corporate and foundation partners for their annual support of the Garden's mission to inspire people of all ages to connect with plants and nature. These organizations provide unrestricted cash or in-kind contributions, which fund our educational programs and the overall care and maintenance of our 37-acre beautiful botanical oasis. Be sure to patronize our Corporate Partners!

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