

NOVEMBER

THE ¹
water conservation
garden
Celebrating 20 years
TheGarden.org

20 Year Benefit Concert
Intern at The Garden
Ms. Smarty-Plants™
Goes Batty

FALL 2019



OUR MISSION

To inspire positive change in the living environment through the conservation of water and other natural resources.

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InBloom Production

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message from the EXECUTIVE DIRECTOR

A CHANGE OF SEASON... CREATING CHANGE.

Fall is one of the most beautiful times of the year as it symbolizes a time of change. This season take time to sit and watch the leaves turn and reflect on the past and the present. It's a great time to set some goals. The Water Conservation Garden is an extension of your backyard and is a wonderful place to watch this transformation of seasons with your neighbors, friends, family, colleagues, furry friends or just by yourself.

A new season is the perfect opportunity to create change for yourself, for your community, and for your living environment.

The key to creating positive change for yourself is to turn your desired actions into habits. All habits can be ignored, changed, or replaced. It's not easy because a habit never truly disappears, it is merely replaced by new habits.

The Water Conservation Garden is here to help you become inspired to make small changes and create new habits that have positive impact for both the environment and yourself. See you in The Garden soon!

Jennifer Pillsbury
Executive Director



"It is not happy people who are thankful, it is thankful people who are happy."

- Author unknown

Interested in joining a Non-Profit Board of Directors?

We are actively recruiting new members. Looking for areas of expertise in finance, estate planning, construction, legal, fundraising, small business management and marketing to name a few.

Visit TheGarden.org/board for more information.

The following are agencies that constitute the Joint Powers Authority (JPA) that owns The Garden and provides major funding:



The Garden is managed by The Friends of The Water Conservation Garden, a 501(c)3 nonprofit organization, tax ID no. 20-4395919.

HOURS The Garden and Gift Shoppe are open daily from 9am to 4pm (except major holidays). See the "Plan Your Visit" page at TheGarden.org for more information.

GARDEN WILL BE CLOSED ON THE FOLLOWING HOLIDAYS THIS FALL: Thanksgiving Day (Thursday, November 28), Christmas Eve (Tuesday, December 24), Christmas Day (Wednesday, December 25) and New Year's Day (Wednesday, January 1).

Get Social With Us! #wcgarden
Keep up with the latest on news, events and more!

Plant Adaptations

In our last issue of *inBLOOM* I discussed adaptations for tolerating drought conditions. Now let's consider plants adapting to rainforest conditions. They need exposure to maximize light since there is so much competition by so many other plants in proximity. These plants are mostly dark green and thin leafed with many pores. Water is prevalent in the air so maximizing the green chlorophyll cells is essential for survival for plants like elephant's ear, *Alocasia*. We don't have this one in The Garden.

Since we all live near the ocean, how about we even look at plants that have adapted to being surrounded by water. If you have ever walked along the shore and taken a close look at seaweed beached on the sand, you may have noticed the bumpy air bubbles along the stems and branches. This adaptation lifts the plant leaves up closer to the ocean surface so the plants can photosynthesize. Sometimes I swim between seaweed at the cove in La Jolla and notice how the stems have evolved; flexible, rubbery and elastic-acting to avoid breaking. A closer look at the leaves reveals air bubbles raising the foliage up to the surface, allowing more exposure to sunlight which gives precious energy during photosynthesis.*1.

How does a purple-leafed plant photosynthesize? Some plants that have plenty of sunlight have

purple, red, orange and other colored leaves. What's up with that? Well, they still have essential green chlorophyll cells, however they also have pigmented cells containing carotenoids, which reflect other colors, like purple or red back to us. This adaptation can be helpful to distract animals from eating them. For us, it makes them attractive and contrasting in color for landscape use. In lower-light conditions, green leaves are most efficient at photosynthesis, and you may even see your plant adapt back to green in color quickly. We recently acquired a red aloe, *Aloe cameronii*, for The Garden. Only three days in the shade and it turned green. Now that it is planted in the front yard of our Backyard Retrofit Exhibit, it quickly regained its amazing red color. Incredible.

*1. Photosynthesis: An energy-producing process essential for plant growth that requires light, carbon dioxide, water and plant protein cells containing green-pigmented chlorophyll.

Article by Paul Redeker
Photographer unknown

Sources:
www.Baynature.org
www.psu.edu/dept/nkbiology/naturetrail/leaves.htm
<https://study.com/academy/lesson/plant-adaptations-types-examples.html>

MS. SMARTY-PLANTS™

GOES BATTY OCT. 12, 5:30 PM



Saturday October 12, 5:30-8pm

Whooooo's ready to put on your costume and stop in for a spell to enjoy a fun family event? Ms. Smarty-Plants™ is excited to host an amazing show as The Garden offers Ghostly Greetings on our Trick or Treat Trails and Creepy Critter Encounters. It is going to be a SPOOKtacular good time!

\$5 per person, kids 2 & under FREE

FREE Parking. Pre-event registration required.

**Tickets available here:
TheGarden.org/events/Batty**



Fall Plant Sale

Saturday November 9, 10am-3pm

****Special Members-Only Preview Sale - 9-10am**

You'll Fall in love with the "unbeLEAFable" plant selection The Garden has to offer! It's the best time of year to plant, so get started and dig in!

***Special event discount on the popular Landscape Design Consultations! Online reservations recommended. For assistance call 619-660-0614 x21.*

Tickets available at: TheGarden.org/fallplantsale



Holiday Gift Shoppe Sale

Saturday December 7, 9am-4pm

Make your Holiday shopping fun and festive by stopping at The Garden's Holiday Gift Shoppe Sale to find the best gifts for your loved ones! During this sale you'll find sweet deals on the most unique and amazing items for the gardeners in your life. It's a once a year sale you don't want to miss!



BENEFIT CONCERT: *Celebrating 20 Years!*



**Saturday
November 16
5-8:30pm**

LIMITED TICKETS: Reserve yours today!

The Water Conservation Garden is hosting an anniversary concert to honor 20 years of proudly serving San Diego County. This exciting evening features food and drink stations, live music, and unique auction items. Celebrate The Garden's birthday and support 20 more years of conservation education!

For details & tickets, visit: TheGarden.org/Benefit-Concert

SAVE THESE DATES!

Coming Back in March - Tomatomania

The Garden Yard Sale

March 14, 8am-12pm

OCTOBER

5 Firescaping with Natives

Saturday, Oct 5 | 10am-12pm

Expert landscape designer and author, Greg Rubin, of California's Own Native Landscape Design, returns to share his talk on the essentials of fire-wise landscaping using native plants.

Garden Members \$8, Non-Members \$12



Photo by Amy Gray Photography

ONE + ON ONE

13 Garden Docent Training

& 20
Sundays, Oct 13 & 20 | 12-4pm

Volunteers help our plants and programs grow! There are many fun ways to be involved, along with wonderful people to meet. Two-day training is **FREE** with materials fee. Details and registration online.

FREE!

26 Hillside Planting

Saturday, Oct 26 | 10-11:30am

Wondering what to do with your slope/hillside? Renowned Landscape Designer, Connie Beck, the Holistic Gardener, will amaze you with beautiful solutions for hard to plant spaces. *Class made possible by the San Diego County Watershed Protection Program.*

FREE

ONE + ON ONE

27 Lose Your Lawn

Sunday, Oct 27 | 10am-12pm

Don't know where to start when tackling your lawn removal and redesign? Andrea Doonan Horticulture + Design guides you in exercises to learn basic tools that can jumpstart your project (and take advantage of rebates)! *Proudly sponsored by Metropolitan Water District of Southern California.*

Garden Members \$8, Non-Members \$12



Photo & Design Credit: Andrea Doonan

ONE + ON ONE

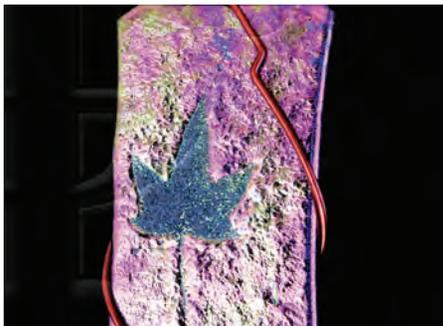
NOVEMBER

2 Glass Making with Leaf Imprint

Saturday, Nov 2 | 10am-12pm

Join local artist and owner of FusionGlass, Debbie Solan, in a creative glass-making experience that ends with 2 unique pieces of botanical art made by you. All supplies, instruction and firing of two art pieces included.

Garden Members \$45, Non-Member \$55



NEW!

13 Tree Talker

Wednesday, Nov 13 | 5-6:30pm

Get your trees in shape with Brad Brown of Tree Life Consulting. Demonstration and talk covers successful installations and establishing strong trees from the start.

Garden Members \$5, Non-Members \$10



NEW!

16 Backyard Composting

Saturday, Nov 16 | 10am-12pm

All you need to know to get started with a compost bin that fits your lifestyle. Class made possible by the County of San Diego, presented by Solana Center for Environmental Innovation. Register online at www.solanacenter.org or call (760) 436-7986 ext. 700.

FREE

FREE!

17 Nature Therapy

Sunday, Nov. 17 | 1-2:30pm

Engage all your senses during a slow-paced, quiet discovery of nature's benefits found in our very own Garden. Based on the science and practice of Japanese Shinrin-Yoku, or "Forest Bathing."

Garden Members FREE, Non-Members \$10

DECEMBER



Stretch & Connect Second Mondays

Oct 14, Nov 11 & Dec 9 | 9-10am

Unwind, unplug and connect with nature. Each class will take place within the stunning Water Conservation Garden, led by Jackie Gadd, Accessible Yoga Ambassador, and owner of BYOM. We'll serve tea to invigorate.

For all levels/abilities. Ages 18+ (If Silver Sneakers/Tivity Prime bring ID & select Member rate)

Garden Members \$5, Non-Members \$10



7 Texture Techniques in Silk

Saturday, Dec 7 | 10-11:30am

Artist and instructor Marjorie Pezzoli of Pezzoli Art, shows you how to capture colors in silk. All supplies included for your 'make & take' hand painted creation. No drawing experience needed. Artists of every age welcome, youth 6+ pricing available online.
Garden Members \$40, Non-Member \$45



7 Sign Language & Succulents

NEW!

Saturday, Dec 7 | 12-1:30pm

A fully 'hands-on' class! Learn basic American Sign Language with Director of Programs, Pam Meisner, and practice words to Sign when planting a holiday succulent to take home!

Garden Members \$5, Non-Members \$10

UPCOMING EVENTS

Ms. Smarty-Plants™ Goes Batty!

October 12, 5:30-8pm

Fall Plant Sale

November 9, 10am- 3pm

Benefit Concert: Celebrating 20 Years

November 16, 5-8:30pm

Holiday Garden Gift Shoppe Sale

December 7, 9am-4pm

Visit TheGarden.org for more information about these programs.

ONE + ON ONE

Garden Advice Consultations

A personalized meeting with the instructor to discuss your individual landscaping needs. Available after select workshops. See online calendar & registration for details.

ONGOING PROGRAMS Questions? Call 619-660-0614 x21.

FREE First Saturday Tours

Docent-led Garden Tour at 10am. No registration needed.

Group Garden Experiences

- Reservations required
- Tours
 - Shuttle Rides
 - Succulent Plantings

Second Saturdays

Professional Landscape Design Consultations. Information & registration online.



Field Trips and Assemblies

To book an educational program for your class, visit www.MsSmartyPlants.org



 MsSmartyP
 MsSmartyPlants
 ms.smartyplants

GROWING LEADERS!

Are you thinking of a future in Education, Sustainability or Conservation? Join our amazing Intern Team! We're currently accepting applications for interns, ages 16 and above. Visit MsSmartyPlants.org for more information.



ASSEMBLIES AND FIELD TRIPS



Do you want to encourage Nature Education? Book a Ms. Smarty-Plants™ assembly or field trip today! Inquire with your school to see if they qualify for a FREE program through their water district!

Visit MsSmartyPlants.org.

“Let Nature be your teacher”

-William Wordsworth



METROPOLITAN LAUNCHES RESOURCES TO HELP SOCAL DITCH THEIR LAWN

Metropolitan Water District is making it easier for Southern Californians to ditch their lawns for more beautiful and sustainable yards. Earn up to \$10,000 in rebates with a suite of resources available at **bewaterwise.com**.

A series of short “how-to” videos outline three ways to remove lawns - solarization, sheet mulching and sod removal. Choose a method based on grass type, length of time and tools needed. Many lawns can be removed by fall, the optimal season for planting California Friendly™ and native plant landscapes.

Residents and businesses in Metropolitan’s 5,200-square-mile service area can access materials designed to curb water use and tap into the \$2/sq. ft turf replacement rebate.

“There are so many reasons to get rid of your grass – beautifying your yard, conserving water, saving money, and helping Southern California respond to a changing climate,” said Metropolitan’s Water Efficiency Manager Bill McDonnell. “We want to make sure we’re helping residents as much as possible so they can successfully remove their lawn, navigate the rebate process and see the results they want.”

The first step for a rebate is to click the **socalwatersmart.com** link on **bewaterwise.com** to review program requirements and reserve funding. The site features a step-by-step video showing how to apply for and complete the rebate application.

Other helpful resources and tips on **bewaterwise.com** include:

- California native plant profiles
- Guides to maintaining California native gardens
- An overview on creating a rain garden
- Information on upgrading irrigation systems to be more water efficient
- A directory of local nurseries where California native plants are available
- Listings of turf replacement classes throughout Southern California



PLANT TALK WITH SALK!

Ms. Smarty-Plants™ and the Education Team were thrilled to tour the Salk Institute for Biological Studies and learn about their *Harnessing Plants Initiative*. In a bold approach to fight climate change, Salk scientists are optimizing a plants natural ability to capture and store carbon, to help mitigate the effects of climate change while providing more food, fuel and fiber for a growing population. A special thank you to post-doctoral fellow Dr. Charlotte Miller for her amazing presentation and tour, and the entire staff at Salk.

Ms. Smarty-Plants™ gets a hug from Joanne Chory, Ph.D., Director of Salk's Plant Molecular and Cellular Biology Laboratory.

partners & SUPPORTERS

Project Update: We Raised the Roof!

participating garden
Spotlight



Mission Hills Nursery was founded in 1910 by the "Mother of Balboa Park," Kate Sessions!

1525 Fort Stockton Dr.
San Diego, CA 92103
www.MissionHillsNursery.com
(619) 295-2808

Garden Member Discount:
15% off with current membership card.



Thanks to supporters like you we have raised \$315,000 for the new Samuel M. Ciccati Water Conservation Education Center! Our team is extremely grateful for everyone who contributed to the campaign. Your generosity will enable us to serve 5,000 more community members each year in this new facility. We hope you will stop by The Garden to see the impact your gift has made. Thank you!

This project is financed under the Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Bond Act of 2006, administered by State of California, Department of Water Resources.

Carol & Carol Receive the Dorcas Utter Award



In June The Garden got far out and groovy at the Docent/Volunteer Appreciation Dinner featuring peace, love, 60's/70's karaoke, and great food for an Age of Aquarius theme. The shining moment of the evening is always the presentation of The Dorcas Utter Award for exceptional service throughout the year. This year both Carol Stevens and Carol Wells were awarded the honors!

Carol Stevens, a past Docent President, is on the Topiary Team, leads the Docents-In-Training Program, organizes outings and fieldtrips and helps wherever needed. Carol Wells is the Leader of the Tri-Team, which includes the Container Garden, Sensory Garden and artistic beautification of The Garden. She and her team have provided abundant hours of artfully decorating many areas around The Garden. Congratulations to Carol and Carol!

Want to join this enthusiastic team of dedicated caretakers? The next training is October 13 & 20. Check the calendar of Classes & Events at TheGarden.org.

Rebates, Rebates,
Rebates!

Visit: Watersmartsd.org

Sponsor Spotlight: San Diego Gas & Electric

Thanks to sponsorship from SDG&E, The Garden and Ms. Smarty-Plants™ launched Nature Nights this summer, a first-ever nature exploration program for families. Earth Heroes of all ages enjoyed a summer evening in The Garden full of animal encounters, an interactive scavenger hunt, tasty snacks, and campfire songs with none other than Ms. Smarty-Plants™ herself! The highlight of the evening was the presentation of a check from SDG&E to bolster more educational events like this. What a success!

For over 10 years SDG&E has been a committed champion of The Garden's efforts to educate and empower visitors in conservation methods. Their consistent and generous support has allowed Ms. Smarty-Plants™ and The Water Conservation Garden to offer free and low cost activities that engage folks from all walks of life, inspiring positive changes in conservation habits for San Diego and beyond. Thank you for everything, SDG&E!



Corporate Partners

We would like to thank our Corporate Partners and Non-Profit Affiliates in appreciation for all they do to keep The Garden a beautiful place.



THE METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA



bewaterwise.com®

New Members April-June 2019

Barbara Adams
Jose and Courtney Aguila
Heidi Behnke
Les and Jenni Biggins
Harry Boghussian
Heidi Borum
John and Betty Bullock
Bruce Barr
Jochebed Carter
Fred and Judy Chu
Karen Correa-Fowler
Paul and GJ Crecelius
Charles Cuskaden
Marlene DeMers

Lydia Derrington
William and Catherine Erwin
Alex Estrada
Melissa Fillare
Rick and Ida Florez
Harry and Julie Hodgetts
Gary and Kathleen Hollowach
Cyndi and Ashley Janni
Shakeel Kazi
Mike and Jackie Kirby
Mia Kraus
Ann Layne
Larry and Jane Ledford
Ana Martinez

Sharon Mele
Lynn Milke
Eva Murdock
Carrie Nanninga
Jerry and Becky Nielsen
Celine O'Hara
Christine and Monique Perry
Soozie Pickard
Sher Prince
Debra Rafdal
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12122 Cuyamaca College Drive West
El Cajon, CA 92019

Tel: (619) 660-0614

Fax: (619) 660-1687

TheGarden.org

Garden Members - You can find your renewal date above your name and address.

Automatic Membership Renewal - Skip the hassle and choose Auto-Renew! Visit TheGarden.org/member to enroll today.

BECOME A GARDEN MEMBER, FOR GREAT BENEFITS!



- FREE and discounted classes
- FREE or discounted admission to over 300 national and international botanical gardens
- Discounts at local participating nurseries and garden shops (see list below)
- Discounts at The Garden's Gift Shoppe
- Invitations to special members-only events and more!

- **Anderson's La Costa** — Encinitas (andersonlacostanursery.com)
- **Barrels & Branches Nursery** — Encinitas (barrelsandbranches.com)
- **Cuyamaca College Dept. of Ornamental Horticulture Nursery** — El Cajon, (cuyamaca.edu/academics/departments/oh/)
- **El Plantio** — Escondido (ElPlantioNursery.com)
- **Hunter's Nursery** — Lemon Grove (huntersnursery.com)
- **Kniffing's Discount Nursery** — El Cajon (kniffingnursery.com)
- **The Madd Potter** — Encinitas (maddpotter.com)
- **Mission Hills Nursery** — San Diego (missionhillsnursery.com)
- **Rancho Valhalla Nursery** — El Cajon (ranchovalhallanursery.com)



To become a member, call 619-660-0614 x 10
or visit TheGarden.org/membership

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up to
\$10,000
bewaterwise.com[®]

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*Benefit Concert:
Celebrating 20 Years*

November 16, 2019

Reserve yours today at
TheGarden.org/Benefit-Concert