

Let's Talk Plants!

Newsletter of the San Diego Horticultural Society

August 2012, Number 215

Repurposing Salvaged Local Materials

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THE TORREY PINE**

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On the Cover: Discards dress up a garden

Begonia Show & Sale



The San Diego County
branches of the
American Begonia Society
will hold a FREE

Plant Show & Sale
on Saturday & Sunday
August 11, 9 am - 4 pm
August 12, 9 am - noon

The show will be at the Town and Country
Resort, 500 Hotel Circle North, Mission Valley.
Spectacular foliage & blossoms of the
Begonias will be on display. There will be many
beautiful begonia plants for sale. Begonia
experts will be available to answer questions.

For more information call
Marla Keith at (760) 753-3977 or
e-mail marla.keith@cox.net

Lotusland Plant Sale and Auction

2 TO 5 PM • SATURDAY, SEPTEMBER 8



Join us for a fabulous plant sale and auction
(both silent and live) for garden connoisseurs
featuring choice, rare, and hard-to-find plants.

*Ticket information and more details
are at www.lotusland.org.*

*Lotusland is a 37-acre estate garden in
Montecito, just east of Santa Barbara.*



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- Coupon expires 8/31/2012 at 6 p.m.



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SAN DIEGO HORTICULTURAL SOCIETY

Our Mission is to promote the enjoyment, art, knowledge and public awareness of horticulture in the San Diego area, while providing the opportunity for education and research.

MEMBERSHIP INFORMATION

Details on membership are on page 20 and at www.sdhortsoc.org
For questions contact membership@sdhortsoc.org or
Jim Bishop at (619) 296-9215.

MEETING SCHEDULE

5:00 – 6:00 Meeting room setup
6:00 – 6:45 Vendor sales, lending library, plant display
6:45 – 9:00 Announcements, Hot Hort Picks, door prizes, speaker

MEETINGS & EVENTS IN 2012

August 26	Coffee in the Garden, Encinitas
September 10	Panel on Welcome to Club Med: Ideal Plants for San Diego's Mediterranean Climate
September 14-16	Fall Home/Garden Show, Del Mar Fairgrounds
October 8	Matt Ritter on A Californian's Guide to the Trees Among Us
November 12	Ivette Soler on Design Guidelines for Creating a Successful "Integrated" Edible Front Yard
December 10	Joseph Simox, Botanical Explorer and Global Food Plant Researcher

COVER IMAGE: This charming sitting area benefits from several repurposed materials. Learn more at our August 13 meeting and in the speaker's new book, *The Revolutionary Yardscape*.

www.SanDiegoHorticulturalSociety.org

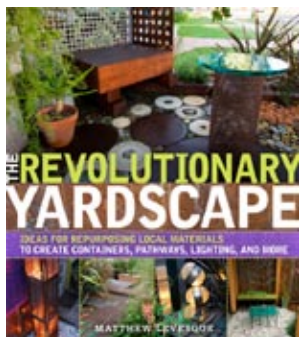


Next Meeting: AUGUST 13, 2012, 6:00 – 9:00 PM

Topic: MATTHEW LEVESQUE ON "THE REVOLUTIONARY YARDSCAPE: REPURPOSING SALVAGED LOCAL MATERIALS"

Meeting is open and everyone is welcome. Admission: Members/free, Non-Members/\$10.

Parking is free. Meeting Place: Del Mar Fairgrounds, Surfside Race Place, Del Mar; Info: (619) 296-9215



Author and director of San Francisco's Building REsources, Matthew Levesque, will introduce us to his world of reimagining and repurposing an astonishing array of indigenous and local materials into garden designs. His talk is vividly illustrated with photographs of exciting contemporary projects intended to inspire us to design with unexpected materials. Matthew believes that discovering new uses for what you already have (or find in a salvage yard or thrift shop) is budget-friendly and environmentally sound, fun and creative. He will share garden design projects and inspirational ideas for using salvaged materials, plus examples of thinking outside the garden box, such as seeing a rain chain in a pile of old keys or the infinite possibilities for scrap metal and pipes.

Building REsources is a non-profit organization that provides Bay Area residents with reusable, recycled and remanufactured building and landscaping materials. Its 1 ½-acre site demonstrates many projects possible using these castoffs. As the organization's director, Matthew has shared his design vision with landscape architects and garden designers through workshops and exhibitions. His book *The Revolutionary Yardscape: Ideas for Repurposing*

Local Materials to Create Containers, Pathways, Lighting, and More continues to garner both critical and popular acclaim as a ground breaking integration of landscape design and reuse. It will be available for sale after his presentation.

To learn more visit www.buildingresources.org and see page 3. ♻️



SAN DIEGO HORTICULTURAL SOCIETY

Established September 1994

BOARD MEMBERS

Patty Berg – Volunteer Coordinator

Jeff Biletnikoff – Meeting Room Coordinator

Jim Bishop – President, Membership Chair

Linda Bresler – Member at Large

Mark Collins – Finance/Budget Committee

Julian Duval – San Diego Botanic Garden Representative

Mary James – Program Committee Chair

Dannie McLaughlin – Tour Coordinator

Susan Oddo – Publicity Coordinator

Stephanie Shigematsu – Member at Large

Susi Torre-Bueno – Newsletter Editor, Past President

Cathy Tylka – Treasurer

Don Walker – Past President

Lucy Warren – Secretary

Let's Talk Plants!, the SDHS newsletter, is published the fourth Monday of every month.

Editor/Advertising: Susi Torre-Bueno;
(760) 295-2173; newsletter@sdhortsoc.org

Calendar: Send details by the 10th of the month before event to calendar@sdhortsoc.org.

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☛New Email? New Street Address?

Please send all changes (so you will continue to receive the newsletter and important notices) to membership@sdhortsoc.org or SDHS, Attn: Membership, PO Box 231869, Encinitas, CA 92023-1869. We **NEVER** share your email or address with anyone!

BECOME A SPONSOR!

Do you own a garden-related business?

SDHS sponsorships have high recognition and valuable benefits, including a link to your website, discounts on memberships for your employees, and free admission to SDHS events. This is a wonderful way to show your support for the SDHS. Sponsors help pay for our monthly meetings, annual college scholarships, and other important programs. Sponsorships start at just \$100/year; contact Jim Bishop at sponsor@sdhortsoc.org. Sponsors are listed on page 10; those with ads in the newsletter have the words SDHS Sponsor above their ads. We thank them for their extra support!

BIG THANKS TO OUR MEETING CHECK-IN TEAM

By Patty Berg

Their smiling faces are the first to welcome you and your guests to our monthly meetings. They are always ready to help you with membership questions, renewals, name badges, opportunity drawing tickets and more. They are our hardworking Meeting Check-In Team. For their excellent handling of the big crowd who enjoyed the Night at the Fair June meeting, we sincerely thank: Lorie Johansen, Nancy Groves, Mara Woods, Abby Esty, Kathy Esty, Pat McDougal, Tina Schultz, Cheryl Lindberg, Connie Forest, Jeanne Meadow, Susan Morse, Carol Bratton and Lead Volunteer Nancy Woodard.

July's meeting was staffed by Lorie Johansen, Evey Torre-Bueno, Rosemary Hokanson, Margaret-Ann Ashton, Jeannette Shields and Nancy Woodard. Thanks to all for getting there early, processing hundreds through so quickly and generously sharing the spirit of SDHS. We love our volunteers! ☘

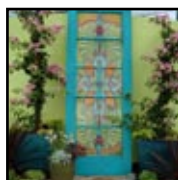


Susan Morse



Nancy Woodard

Patty Berg



IMPORTANT MEMBER INFORMATION

The gorgeous hand-painted door from our Fair garden is for sale at Chicweed in Solana Beach (www.ChicWeed.com).

Coordinate Fall Home/Garden Show Booth

We are looking for a volunteer to design, organize and install our booth at the Fall Home/Garden Show at the Del Mar Fairgrounds on Sept 14, 15, and 16th (setup is on Sept 13th). You'll be provided with previous years' documents, and materials and also have help from Patty Berg, volunteer coordinator; in staffing the booth during the show. This is part of our outreach to the community and a chance to show and tell San Diegans about all the great benefits of being a SDHS member. To volunteer please contact Patty Berg at PattyBerg@gmail.com or 760-815-0625.

Membership Committee

The Membership Committee is looking for 2 people; one to manage our sponsorship program, and another to manage membership relations and sign up new members. If you can help a few hours a week, have good email skills, and enjoy working with people, contact Jim Bishop at president@sdhortsoc.org or 619-296-9215.

Coordinate Plant Display Table At Monthly Meeting

We are looking for a volunteer to organize and recruit other volunteers to help with the plant display table (see page 13) starting in 2013. For 2012, Susi Torre-Bueno has been organizing the table to highlight one type of plant, usually related to the meeting topic, and finding an expert to staff the table and answer questions. You can continue this in 2013, or come up with new ideas that would encourage member participation. To volunteer please contact Patty Berg at PattyBerg@gmail.com or 760-815-0625.

Thanks So Much!



Many thanks to Jim Helm for hosting our July Coffee at his beautiful and art-filled Fallbrook garden. Look for photos on our Facebook page.

ARE YOU READING THIS IN COLOR???

Our monthly eblast has the password for the digital newsletter, featuring all color images and live links. Back issues are also on our website. Over half our members like it so much they get only the digital edition! To switch to the digital edition exclusively send an email saying "online only" to membership@sdhortsoc.org. ☘



TO LEARN MORE...

By Ava Torre-Bueno

Revolutionary Yardscape

As you pull out your lawn and replace some of it with hardscape (permeable, of course), using interesting and unusual materials can make your garden fascinating. Or if you need to create a fence, think of materials that no one else in the neighborhood has used... like this:

www.flickr.com/photos/telstar/3139750640

Finding materials is cheaper and easier than you might think. Here in San Diego we have the Habitat for Humanity's RE-store where you can find all kinds of unlikely building and paving materials. The trick is to think of how to use them differently than they were meant to be used:

www.sdhfh.org/ReStore.aspx

Another amazing resource for unusual materials is San Diego Freecycle. This is a Yahoo group that you sign up for and then you offer to give something away. People write to you through the site to ask for your object. You pick someone to come get it, and you're on your way. After you've posted something you want to give away, you can respond asking for what other people have posted. EVERYTHING gets given away on Freecycle: furniture, tools, breast pumps, books, old brick – everything. You may not always get what you want (but you'll get what you need). This site keeps SO MUCH stuff out of the landfill being reused and reimaged. Join and enjoy!

<http://groups.yahoo.com/group/sdfreecycle/>

Member Ava Torre-Bueno is a psychotherapist in private practice and the organizer of Gardeners 4 Peace. This group of volunteers is helping to create a peaceful, organic, permaculture garden at the San Diego Friends Center. To learn more contact Ava at gardeners4peace@hotmail.com and visit sandiegofriendscenter.org/volunteers.htm. ☺

NEW LIBRARY BOOKS & VIDEOS

By Susi Torre-Bueno

The SDHS library has recently acquired four exciting new books that we encourage you to check out soon, especially since most of these authors spoke to us in 2012. You can reserve these books by contacting our librarian, Tim Thornton, at library@sdhortsoc.org.

See the library page on our website (www.sdhortsoc.org/library.htm) for a full list of several hundred books (including books by our speakers) and dozens of videos, including many videos of past speakers (www.sdhortsoc.org/library_3.html). If you have a book you'd like to donate, please bring it to a meeting and give it to Tim so we can have even more books for our members to borrow.

We have a special table set up at meetings where people can borrow videos of past speakers. Volunteers staff that table from 6:00pm until 6:45pm (when the meeting starts) and for 15 minutes after the meeting (about 8:15 – 8:30pm). For copyright reasons, these videos are only to be used in your home and not copied or used for any other purpose.

Members can borrow videos and books for one month and return them to the next meeting. To encourage members to return items promptly there is a \$1/month late fee. Videos can also be mailed back to the address inside the case.

New books:

Monet's Passion by Elizabeth Murray

March 2012 speakers Jimmy Williams, Susan Heeger: *From Seed To Skillet*

May 2012 speaker Lorene Edwards Forkner: *Handmade Garden Projects*

August 2012 speaker Matthew Levesque: *The Revolutionary Yardscape: Ideas for Repurposing Local Materials to Create Containers, Pathways, Lighting, and More* (will be adding this book after the August meeting) ☺



FROM THE BOARD

By Jim Bishop

Most of us in San Diego County think of September and October as our "summer." Technically, the hottest month of the year is August, yet we still have some of the best weather in the nation – just ask any of the "Zonies" that seem to be everywhere this month. August is also the month with the highest low temperatures, making it a great time to enjoy the garden in the evening. Native plants are dormant and the main gardening task is watering. Except for well-watered tropical plants, many plants look a little tired this time of year. Thank goodness for succulents, which look great and can be stars of the garden. There is also the chance of naked ladies, *Amaryllis belladonna*, running loose in your garden and bursting into bloom – a sure sign that cooler and wetter weather is ahead. Now is also the time to start thinking about fall planting and the Fall Home/Garden Show. We hope you'll be able to attend and also volunteer – see page 2 for more information.

If you are already a member of Pacific Horticulture Society, you should have already received the summer edition of *Pacific Horticulture* magazine with the new size and look (shown here). Much of the credit for the updated looks goes to our May speaker and new magazine editor, Lorene Edwards Forkner. If you missed



Lorene's presentation you can check out a CD copy at our next meeting. SDHS is proud to be a Sponsoring Society of Pacific Horticulture Society and as such our members can join for \$18 (a savings of \$10). You can join online at www.sdhortsoc.org/ordernow.htm. PacHort also offers some terrific garden tours during the year; read more on page 11 of this newsletter. I've booked a space on the November Oahu Kauai tour and can't wait to go!

I'm pleased to announce that BJ Boland has volunteered to serve as Corresponding Secretary. BJ is a relatively new SDHS member, having moved to Carlsbad last January from her 2-½ acre home in Massachusetts. She joined the Carlsbad Garden Club three days after arriving on the West Coast and joined SDHS the following month. BJ was very active in the Massachusetts garden community, having joined a number of local garden groups and served on various committees. She retired after 40 years of teaching high school English and Creative Writing courses. BJ says she is thrilled to be living where gardening is a twelve month activity.

If you would also like to get more involved in SDHS, see page 2 for other volunteer opportunities or contact our Volunteer Chair, Patty Berg, at PattyJBerg@gmail.com. ☺



THE REAL DIRT ON...

By Joan Herskowitz

Charles Parry

Charles Christopher Parry (1823-1890) was a highly respected botanist, explorer and physician. He was a member of the U.S. and Mexican Boundary Survey (1849-1852), which explored and mapped the area that became the western U.S. He was the first botanist in the U.S. Dept. of Agriculture, and an acclaimed botanical collector and taxonomist in the mid-west and western states for 48 years.



Parry was born in Gloucester, England but grew up in upstate New York and began his botanical studies while attending Union College in Schenectady. He obtained his medical education at the Columbia University College of Physicians and Surgeons in New York, but continued to study botany under John Torrey, who was a physician and renowned professor of botany there. During this period, as medications were directly derived from plants and doctors had to make their own medicines, botany was an important part of the medical curriculum.

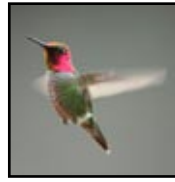
After earning his medical degree in 1846, Parry settled in Davenport, Iowa and although he initially established a medical practice, botany was his main interest. For the rest of his life, although Davenport remained his home base, he primarily spent his time on botanical expeditions in the western states both on his own and as part of organized surveys.

Parry met and maintained relationships with the great botanists of the 19th century: John Torrey, George Engelmann, Sir Joseph Dalton Hooker, and Asa Gray. He was the first person to catalog the plant life of the western United States, including many new species which he shared with institutions all over the world. In his lifetime he collected more than 30,000 unique botanical specimens. Many of his summers were spent in Colorado where, in addition to botanical exploration, he made some of the first assessments of the elevations of the highest peaks using barometric methods and named these peaks after his mentors and fellow naturalists.

In 1850, during his California travels, Parry described what he found to be the rarest native pine in North America, naming it the Torrey Pine after his mentor John Torrey. In later years, Parry became disturbed about the lack of protection for this species and his subsequent writings helped lead to the establishment of Torrey Pines State Reserve.

In addition to the Torrey Pine, Parry's best known discoveries include the Engelmann Spruce and *Yucca whipplei* (known as Our Lord's Candle). Plants named in his honor include the Parry Pinyon, Parry's Lily, Parry's Penstemon, and *Jepsonia parryi*, a saxifrage found in the Torrey Pines Reserve (the small photo above of this plant was taken at Blue Sky Ecological Reserve, Poway). Parry's personal plant collection of over 18,000 specimens and his papers are housed in the Ada Hayden Herbarium at Iowa State University.

Member Joan Herskowitz worked as a Biologist for many years, including time spent on staff at the County of San Diego Department of Planning and Land Use. Now retired, she is a docent at the San Elijo Lagoon and at San Diego Botanic Garden. 🌿



GOING WILD WITH THE NATIVES

By Pat Pawlowski

Ho! Hums, Part I

A garden without a hummingbird is like a day without sunshine. But really, what good does a hummer do besides providing a type of eye candy?

Well, hummers help to pollinate flowers, the sexual parts of plants. Without plant sex, there would be no new plants, and without plants, there would be no us. How about that?

So we see that it is very important to be kind to hummingbirds, like the male Anna's Hummingbird shown above. But in these busy, ghastly-gas-priced times, the important question is: How do we attract the most hummers with the least effort and economic outlay?

To attract hummingbirds, there are two types of bills to consider: (1) the bird's bill, which protects its flower-probing tongue, and (2) your water bill, which attacks the cash-strapped human's wallet.

What kinds of plants will accommodate both kinds of bills? Drought-tolerant California natives, of course.

Since so many natives appeal to the little nectar-suckers, we'll be listing more in next month's article. And speaking of lists – now is a good time to start making a list of natives to purchase at the native plant sales that occur in early Fall. More about those in the next issue. For now, here are some of those hummingbird favorites:

Agaves (*Agave* spp.) - Succulents, many good in pots.

Manzanitas (*Arctostaphylos* spp.) - Shrubs and trees with tiny urn-shaped flowers.

California lilac (*Ceanothus* spp.) - Evergreen shrubs and trees with flowers ranging from blue to white to lavender.

Western redbud (*Cercis occidentalis*) - Small deciduous tree with riotously bright magenta flowers.

Desert willow (*Chilopsis linearis*) - Small graceful willowy deciduous tree with pink-purple flowers.

Scarlet larkspur (*Delphinium cardinale*) - Perennial with red flowers so pretty that you can cut them and bring them indoors if the hummers let you.



Tree Mallow © Curtis Clark

Live-forevers (*Dudleya* spp.) - Succulents with a prehistoric look.

California fuchsia (*Epilobium canum*) - Willowy perennial with stunning red-orange flowers.

Island snapdragon (*Galvezia speciosa*) - Evergreen shrub with truly red flowers.

Tree mallow (*Lavatera assurgentiflora*) - Large evergreen shrub with lavender flowers.

Chaparral honeysuckle (*Lonicera subspicata*) and Pink chaparral honeysuckle (*Lonicera hispidula*) - Vines and climbers.

To see what some of these look like, you can search for photos of them with your computer. To see them in action, you can wander around places like the San Diego Botanic Garden, the Water Conservation Garden, Torrey Pines State Park, and Mission Trails Regional Park, just to name a few. Also, there are some local nurseries you can visit.

Summing up, we see that all it takes to brighten up your garden are some blooming natives and a sparkly hummingbird or two. That way, your garden can shine even without the sun.

Member Pat Pawlowski is a writer/lecturer/garden consultant/hummingbird venerator. 🌿



TREES, PLEASE

By Robin Rivet

Not Too Tall At All

Perhaps you think your tree has really gotten tall lately and you should probably lower it a little? Maybe you believe shorter trees are less likely to fall onto your house – or you avoid large trees altogether because they might block a view? As an arborist, I'm surprised at how often I hear these and other largely uninformed judgments. If these notions ring a bell, please reconsider as our cities are losing large trees at an alarming rate and for some pretty flaky reasons.

In general, trees do not get "too tall," at least no more than most humans do. Genetically, some species simply soar higher than others. If you feel you must reduce the height of your tree think about why. Recognize it is programmed to grow back anyway, and may do so rather vigorously. Rapid re-growth often creates weak branch attachments that are usually less sound structurally than if the tree had simply been left alone and towering.

Many of San Diego's skyline trees like the Gums, Floss Silks, Deodar Cedars, Sycamores, and Norfolk Island Pines can stand straight, tall and proud for many generations, but only if allowed the freedom to flourish. Plus, all these species are famous for adding real estate value to California property, often living to be 150 years old or more. In time, they can become iconic statues for our urban landscapes.

If you think about it, in order to be long-lived, no tree should tip over easily. The good news is most all species spread their roots as needed to support their height, so mature, taller trees are actually less likely to spill than younger, smaller ones with less established root zones. In fairness, there are reasons that can cause tree toppling other than height. Excessive watering, soil erosion, construction damage and destructive limb or root pruning; all may contribute to any tree failure. However, more often than not, people are the culprits for these troubles and it's seldom inherent to the species.

As for views, most photographers agree that the best pictures have something striking in the foreground to complement a panoramic vista. Trees frame views, and a perfect choice allows the eye to see under or even through some branching structure. Although a small, bushy tree might block a scenic expanse, a tall, lean one might just be the ticket to enhance your view. Of course, when it comes to design styles, there is always someone explaining that smaller homes look out of scale next to really tall trees, but personally, I think nothing improves a modest house or lot more than a lofty tree accentuating the urban space – and it's very good for the planet too.

For additional information:

www.rosevillettrees.org/faq/faqPruning.html

www.treesaregood.com/treecare/topping.aspx

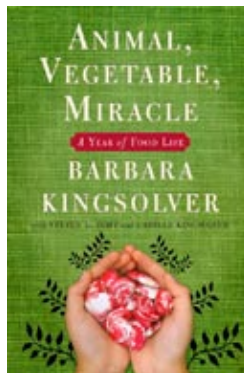
<http://ufe.calpoly.edu/index.lasso>

Member Robin Rivet is an ISA Certified Arborist, UCCE Master Gardener and serves on the executive board for SDRUFC, CFAB and the La Mesa Environmental Commission. ☘



BOOK REVIEW

Reviewed by Caroline McCullagh



Animal, Vegetable, Miracle: A Year of Food Life

By Barbara Kingsolver
with Steven L. Hopp and
Camille Kingsolver

This book falls into the category of "So many good books; so little time." *Animal Vegetable, Miracle* was on the New York Times Bestseller list five years ago. It was on

my list of "must reads" then, but see above.

Barbara Kingsolver can be counted among the really good American writers and possibly even among the great. She writes fiction, nonfiction, essays, and poetry. You may have read *The Poisonwood Bible*, *The Bean Trees*, *High Tide in Tucson*, or one of her other books. If not, you're in for a treat.

In this book, she tells us the story of the year that her family – she, her husband, and two daughters – decided to become locavores, that is, people who eat food produced in their local area only. Kingsolver gardens, shops at farmer's markets, and even forages.

I've reviewed other books with this theme, in particular *Coming Home to Eat* by Gary Paul Nabham and *Farm City* by Novella Carpenter. I find the idea of being a locavore appealing for many different reasons. First, it reduces your carbon footprint. Ask yourself how much oil was used to transport your morning banana to your table and compare that to the cost of eating something local and in season. Hopp, Kingsolver's husband and coauthor, writes that, "If every U.S. citizen ate just one meal a week composed of locally and organically raised meats and produce, we would reduce our country's oil consumption by over 1.1 million barrels of oil every week." Secondly, by supporting your local farmers, you keep money circulating in your local economy instead of sending it off to some corporation in New York. And locally produced food is tastier and fresher than food that has been shipped or trucked for fifteen hundred miles, as Hopp tells us the average item on our plate is.

Being a locavore is not without personal cost. If you live in Virginia, as the authors do, it means no bananas – among other things. We're luckier. Almost any vegetable or fruit can be grown within a hundred miles of San Diego, but not year round. I was surprised when I realized that something as basic as celery is seasonal in San Diego. There are many months when you can't find it at a farmer's market. On the other hand, you get to eat many things you'd never have a chance to experience if you limit your shopping to a local supermarket and its monoculture produce.

To be a locavore is to eat as your ancestors did for most of the generations before you. It wasn't possible to transport fresh food until refrigerated trains, trucks, and ships were invented. Even after long-distance transportation of food became possible, its cost limited its distribution to the wealthy. But the economy of scale has changed that so we now have seemingly endless choices.

Animal, Vegetable, Miracle (ISBN 978-0-06-085256-6) is 370 pages. It costs \$15.99 in paperback. I recommend it to you both for the writing and for the ideas. It will give you plenty to chew on.

Note: For a list of local farmers markets see this month's calendar. ☘



SAN DIEGO BOTANIC GARDEN IS IN THE TOP 10

Congratulations to San Diego Botanic Garden on being named one of the "10 Spectacular Gardens Around The World" in May by Laura DeMugno. Other gardens included in this honor are Versailles, the Brooklyn Botanic Garden, and gardens in Spain, Italy and elsewhere. Writing online in the Huffington Post Travel Section, DeMugno said, "Spread across 37 acres, these gardens are arranged by the 15 different geographic regions they represent, including Australia, Hawaii, the Mediterranean and Madagascar, just to name a few. The San Diego Botanic Garden emphasizes conservation and sustainability, and the staff works to restore many threatened and endangered plant species, such as bamboo, aloes and agaves." To see the original story go to <http://tinyurl.com/7t45dy3>. 🌿



Rachel Cobb



SAN DIEGO'S WATER PURIFICATION DEMONSTRATION PROJECT SHOWCASES THE FUTURE OF WATER, OFFERS PUBLIC TOURS

By Alma Rife, Water Purification Demonstration Project, City of San Diego Public Utilities Department

The City of San Diego is renowned for its sunny skies and ideal climate. Although the City is located in a semi-arid coastal climate, it has successfully provided a reliable water supply to its residents for more than 100 years. Yet due to a number of factors, the City has become dependent on importing water. In the past, importing water from the Colorado River and Northern California has been a low-cost, dependable option, but these water sources have become less reliable and more expensive in recent years.

To lessen the City's dependence on outside water sources, the City of San Diego initiated the Water Purification Demonstration



Project, a year-long project that will determine the feasibility of converting wastewater into drinking water. The purpose of the project is to evaluate advanced treatment technology to produce water that can be sent to San Vicente Reservoir and later distributed as potable water.

Located in northern San Diego, the Project's Advanced Water Purification (AWP) Facility is a small-scale plant that purifies one million gallons of water every day to a level similar to distilled water quality. The purification process starts with recycled water, which is wastewater that has been treated to a level safe enough for irrigation and industrial purposes. The recycled water undergoes a multi-barrier purification process, which includes membrane filtration, reverse osmosis, and advanced oxidation with ultraviolet disinfection and hydrogen peroxide. The consecutive treatment steps remove or destroy all unwanted materials in the water and produce one of the purest supplies of water available anywhere. The process also includes continuous water quality monitoring to ensure the purified water meets drinking water quality standards.

Throughout the entire test phase, purified water is not sent to the City's drinking water system; instead, it is added to the City's existing recycled water system. However, if the Project is approved to go full-scale, the purified water would blend with imported water supplies at San Vicente Reservoir, undergo additional treatment at a drinking water treatment plant, and would then become part of the City's drinking water supply.

To educate San Diegans on advanced water purification technology, free tours of the AWP Facility are available. Thousands of people have participated in the tour experience, including visitors from around the world. Following an introductory presentation and video, guests are led through the facility and are able to see the machinery involved in producing water that is similar to distilled. Registration and tour information can be found at www.PureWaterSD.org/tours.shtml.

The results of the project's data collection will determine the safety and cost of a full-scale water purification and reservoir augmentation project. After the test phase is complete, the Mayor and City Council will decide whether the City will implement a full-scale project.

Adding this new local drinking water supply would not completely halt the City's reliance on outside water sources, but it would be a good start in improving San Diego's future.

For more information about the Demonstration Project and its tours and presentations, visit www.purewatersd.org, email purewatersd@sandiego.gov, or call (619) 533-7572. 🌿



SDHS MEMBERS ARE CLCA WINNERS

In June the San Diego Chapter of the California Landscape Contractors Association held its Annual Beautification Awards Program. The program "recognized excellence in landscape construction and maintenance through competition among California licensed landscape professionals. The CLCA San Diego chapter presented 57 Beautification Awards in 31 categories, culled from 126 entries, which encompassed categories covering residential and commercial landscape construction, maintenance and renovation, along with water features, outdoor lighting and water-saving California-friendly design." We congratulate the following SDHS Members:

First Place in Residential Construction went to **Chris Drayer** and **Nature Designs Landscaping** (a SDHS sponsor). **Marilyn Guidroz** and **Nature Designs Landscaping** (again!) won First Place in the Landscape Renovation award for a residential project Marilyn designed (and Nature Designs Landscaping installed) in Poway. **Nature Designs Landscaping** (yet again!) won First Place award for Landscape Renovation Medium. **Debora Carl** won the Achievement Award for California-Friendly Landscape Construction. **Nature Designs Landscaping** won a 4th award – the Achievement Award for Residential Maintenance. **Columbine Landscape** (a SDHS sponsor) won the First Place award for Residential Maintenance Large, and **Nature Designs Landscaping** won the Achievement Award in this same category. 🌿



One of the award-winning gardens by Nature Designs Landscaping.



Columbine Landscape's award-winning garden.



THANKS FAIR VOLUNTEERS!

By Patty Berg

Like so much that SDHS sponsors, the 2012 Display Garden at the Fair was a brilliant success because of the dozens and dozens of generous folks who gave their time, energy and even some muscle to imagine it, build it, tend it and then break it all down.

One would have to have seen the acre of bare blacktop in May to really appreciate the magic of the Flower and Garden Show and our entry, "A Starry Night in Your Garden." Out of the asphalt nothingness came something very special, as our eight awards testify, but it could not have happened without the dedication and kindness of so many members.

With deep appreciation we thank Rachel Harper, Katie Gaines and Matt Pagan for their clever garden art and accessories. Jim Bishop, Neal King, Marnie Sismanis and Anne Murphy were some of the crew who helped transport the plant materials from the nurseries to the fairgrounds. Much appreciation goes to Scott Borden and Ed Thielke who were part of the hardworking building crew. And of course, Marilyn Guidroz (www.marilynsgarden.com) and her enthusiastic crew of interns from MiraCosta College Horticulture Dept. were indispensable. The students included Dayton Donovan, William (Ben) Hart, Melissa Johnson, Johnny Keeler, Sarah Leslie, Lorenzo Lopez-Rocha, Julia Swanson, Arielle Weisgrau, Adrian Zenteno, Edgar Zorilla, and Jake Minnick, who skillfully handled the daily maintenance.

This year's Horticulturists of the Day handled their assignments with enthusiasm and good humor. The good humor was especially helpful during the Fair's newest event, the Wine Festival! A special thanks goes out to Sheldon Lisker for his gracious help that day. Thanks for the hundreds of volunteer hours and community outreach on our behalf. 2012 Horticulturists of the Day included: Al & Dora Myrick, June Andersen, Anne Murphy, Sheldon Lisker, Bette Childs, Anne Morgan, Cathy Tylka, Linda Bresler, Neal & Hilda King, Mike Hirsch, Cindy Sparks, Liz Woodward, Bea Ericksen, Rachele Melious, Pat Pawlowski, Joan Herskowitz, Jane Morton, Scott Borden, Jim Bishop, Paula Suttle, Vivian Blackstone, Joyce James, Robin & Cassidy Rowland, Anne Fletcher, Mo Price, Mary Friestedt, Susi Torre-Bueno, Joan Oliver, Julie Hasl, BJ Boland, Princess & Bob Norman, Una Marie Pierce, Don Nelson, Jeff Biletnikoff, Diane Bailey, Roy Wilburn, Stephanie Shigematsu, Rhonda Smoot, Bryan Diaz, Linda Lueker, Susan D'Vincent, Nancy & Chris Nygard, Pat Crowl, MC Bowell, Sharon May, Don Lowe, and Darlene Villanueva. Many of these fine members took on more than one shift – we salute them to the max!

SDHS can expect great things from an outreach event like the Flower and Garden Show at the San Diego County Fair. This year's Fair attracted over 1.5 million people, setting a new all-time record for attendance. Those who spent an hour wandering through the show will certainly remember the friendly and knowledgeable folks they met while admiring our display garden. And more than a few will become new members thanks to the efforts of our awesome volunteers. Bravo for a job well done. 🌿



Volunteers Sharon May and MC Bowell

Pat Crowl

Kelly Fore Dixon



MY LIFE WITH PLANTS

By Jim Bishop

This is a continuing series of articles that chronicle Jim Bishop's experiences with plants and the effect they have had on his life

My First Gardens

In the previous 2 articles, I discussed returning to Houston, where I attended high school. In this article, I will discuss the plants in the yard and my first attempts at gardening.

Our front yard came with builder-installed foundation plantings and one water oak tree (*Quercus nigra*). Most of the foundation plantings were new to me. Under the bedroom windows were variegated *Pittosporum tobira* and the corners were anchored with taller yew (*Podocarpus macrophyllus*). On either side of the front door was a pair of naturally round dwarf yaupon (*Ilex vomitoria* 'Nana'). A boxwood hedge fronted with mondo grass (*Ophiopogon japonicus*) grew under the living room window. A xylosma (*Xylosma* sp.) was in the corner between the dining room and living room, with *Elaeagnus pungens* planted under the dining room window. Along the side of the house was a shiny hedge of Buford holly. All except the yaupon quickly grew out of scale for the house and needed monthly shearing. I used a large pair of clippers to trim the shrubs and quickly ended up with a dense mass of twigs at the top. By trial and error, I learned to shorten some of the branches more than the others to encourage new inner growth. I also would angle or round the front and tops so sunlight would hit the lower branches and keep them green.

To add color to the front yard I added two pale pink crepe myrtles trimmed up into small trees underplanted with annuals on either side of the front walk. At the time, most crepe myrtles were watermelon pink and grown as large bushes or topped trees. My mother added a maple and some golden rain trees (*Koelreuteria paniculata*) to the side yard. She grew hydrangeas and chrysanthemums in an east facing bed.

In the backyard were a couple of messy native Texas Persimmons (*Diospyros texana*) and an Eastern Sycamore (*Platanus occidentalis*). If we had a wet autumn, the sycamore – and most other trees – were defoliated by hoards of stinging caterpillars. The back fence was lined with waxleaf ligustrum (*Ligustrum japonicum*). This was one of the few plants that Texans called by its Latin name. I was surprised years later to find out Californians call it Texas Privet.

In the backyard I began my first experiments with plants and garden design. I dug the thick St. Augustine sod away from the house and the back ligustrum hedge to create planting beds. I dug up roots of the wild passion vines (*Passiflora incarnata*) that grew in the field behind our house and planted them on the fence behind the hedge.

I had always been obsessed with zinnias. At first I tried growing them under the house eaves but it was too shady and the heavy rains pounded them to the ground. So, in the middle of the yard I created a circular planting bed around a small peach tree. They did better there, but I had problems with corn worms eating the centers of the flowers. At the corner of the house, I grew large cut-leafed philodendron (*Philodendron bipinnatifidum*) and was so excited to be able to grow a tropical plant directly in the ground. I covered them during hard freezes, but still they would freeze to the ground each year. I started caladium tubers in pots each spring and once the ground temperature rose above 70 degrees planted them in the shade, organized by color



for a bigger impact.

In the narrow passageway between the garage and back fence I removed all of the grass and put in a walkway of rectangular concrete pavers with a large planting bed next to the sunny fence. This would be the first garden I created from bare soil. A volunteer Chinese Tallow Tree (*Triadica sebifera*) in the corner of the lawn separated the area from the rest of the yard, creating a secret garden. I scoured the Burpee seed catalogue for the best hybrid seeds to plant. I ended up with tall cleome and amaranth in the back, nasturtiums and double balsams in the middle, and low marigolds and portulaca along the walk. It didn't quite grow in like I expected, but when it was all in bloom it was my favorite place in the garden.

Mother would bring home things for me to try in the garden, including one time a small paper bag of these brown things that looked like tiny hula skirts. She said they were some sort of tubers with an unpronounceable name, ranunculus, and were supposed to have beautiful flowers. Not knowing which side was up or how deep to plant them, I dug compost into the heavy clay soil and took a guess. A few months later up came bright green celery-like foliage, followed in the spring by the most beautiful double bright colored flowers on tall stems. I could look at the flowers for hours. I made watercolor copies of antique postcards, attached them to small arrangements of ranunculus and pansies and gave them to all my friends. I soon became popular with all the girls at school.

Jim Bishop is President of San Diego Horticultural Society and a Garden Designer. 🌿

**Join the fun and bring
EDIBLE PLANTS
(veggies, edible flowers, herbs, etc.)
to the Plant Display table at the
August 13 meeting.**

**Expert Bill Tall from City Farmers
Nursery (a SDHS sponsor,
www.CityFarmersNursery.com)
will be on hand to answer
your questions.**



2013 SPRING GARDEN TOUR CALL FOR GARDENS AND VOLUNTEERS

By Dannie McLaughlin

Each year the Hort sponsors a garden tour. This wonderful event allows us to peek into others' gardens and to socialize with other gardeners in the process. In addition, in 2013 there will be music, crafts, and fine art at each garden site. Proceeds from this event go towards funding scholarships for local students specializing in horticultural education and research, as well as programs throughout the year designed to promote the public's enjoyment and knowledge of horticulture in the San Diego area.

Call for Gardens

Do you have a garden you would like to include on next year's Spring Garden Tour? Perhaps you have a friend with a fine garden? This is a wonderful opportunity to share your garden with others and a great way to help SDHS continue our support of research and educational opportunities.

The tour committee is currently scouting gardens and we would love to come and take a look at your garden or the gardens of your neighbors or friends. Our goal is to have a variety of gardens on the tour: patio gardens, succulent and cactus gardens, rose gardens, veggie and herb gardens – even roof top gardens will be considered.

Call for Volunteers

We are also looking for a tour committee co-chair as well as committee members for next year's event. This is a great way to volunteer and support SDHS as well as to see some fabulous gardens. Volunteers needed include members to be docents/greeters, to help with publicity, to organize musicians/artists in the gardens, to strategize on logistics (figures out flow, street crossings, bathrooms, and trip hazards in the gardens), plus help with plant ID, and ticket sales. We also need someone to do the photography of the gardens for publicity and promotion.

Contact Details

If you know of any potential tour gardens, please contact Dannie McLaughlin at dr.dannie@roadrunner.com. If you are interested in volunteering in any capacity, please contact Patty Berg at pattyjberg@gmail.com. ☘



GARDENING FOR A SECOND SEASON

By Renee Shepherd

Mid to late summer is an ideal time to plant seeds for a second gardening season that can be as productive as your major early spring plantings.

For a delicious and very nutritious cornucopia of fall meals, late summer is the time to plant juicy lettuces, the cool-season aromatic herbs – dill, garlic chives, chervil, cilantro, arugula, and parsley; hearty greens like chard or kale; baby pak choi, and other Oriental greens; carrots, beets, leeks, peas, green onion, spinach, radishes, fennel and all the brassica family members.

Late planted crops have less competition from weeds and pests and grow beautifully with less garden work. In mild-winter areas of the country, you'll have great harvests in time for Thanksgiving and many crops will hold perfectly through the low light winter months without bolting to seed or becoming bitter tasting as they would in the heat of early summer.

It may seem odd to be starting new seeds when a lot of your summer produce like squash and tomatoes are still cranking, but it's well worth the effort. For reliable harvests in cooler weather, seedlings must have good initial growth and well-established root systems. The goal is to have fully grown, ready to pick plants that basically store themselves in the garden throughout the fall, so you can pick them as you need them over a long sustained harvest season.

Start seeds in containers or in a garden area with dappled sun or light shade – wherever seeds can germinate comfortably out of the hot sun but still get plenty of light after seedlings are well-established. Plant in well-prepared moist soil and in the evening so they will have the advantage of cooler night temperatures to settle in and minimize shock. If daytime temperatures are still in the high 80's, shelter your newly transplanted seedlings with row covers or a shade cloths for a few days so they can adjust heat and sun.

Once the seedlings have acclimated, don't forget to supply adequate moisture to these young crops and fertilize them regularly in the early growing stages. In USDA zones 8, 9, and 10, some fall -planted crops may overwinter as small plants and wait for spring temperatures to rise and daytime hours to get longer before heading or leafing up.

Vegetables and Herbs for Second Season Planting

Herbs:

Arugula
Borage
Chervil
Chives
Cilantro
Dill
Bronze Fennel
Parsley

Vegetables:

Beets
Broccoli Raab
Broccoli
Carrots
Chard
Fennel
Kale
Leeks
Lettuces
Mache
Mesclun Mixes
Pak Choi
Peas
Radishes
Scallions
Spinach



Reprinted with permission from the website for SDHS sponsor Renee's Garden: www.reneesgarden.com. Lots more info about veggie gardening, and some fine recipes, can be found on this very helpful site. Your editor has had great success growing Renee's fine seeds for a number of years. ☘

WELCOME NEW MEMBERS

We encourage our 1300+ members to be active participants and share in the fun; to volunteer see page 2. A warm hello to these new members:

Andrew Apodaca	Harris Steinberg
Kathryn Bell	Ariel Tenenbaum
Brent Jacobs	Don Tonkyro
Ron Konopka	Salim Walji
Carol Steblay	

NEW ADVERTISERS:
AMERICAN BEGONIA SOCIETY
(INSIDE FRONT COVER)

GANNA WALSKA LOTUSLAND
(INSIDE FRONT COVER)

HORT BUCKS ARE GREAT!

Kudos to these members whose friends joined in 2012; they earned Hort Bucks worth \$5 towards Opportunity Drawing tickets, name-tags, Plant Forum CDs or dues. To get your Hort Bucks ask your friends to give your name when they join.

Lynlee Austell (2)	Rita McConn-Stern (1)	San Diego Floral Assoc. (1)
Linda Bresler (1)	Pat McDougal (1)	Kenneth Selzer (2)
Jim Bishop (2)	Kay & Vince McGrath (1)	Patty Sliney (1)
Patricia Bockstahler (1)	Gabriel Mitchell (1)	Nan Sterman (1)
Kay Harry (1)	Susan Morse (1)	Marcia Van Loy (1)
Julie Hasl (1)	Karin Norberg (1)	Janet Wanerka (1)
Joan Herskowitz (1)	Diane Norman (1)	Dick & Gail Wheaton (1)
Marla Keith (1)	Joan Oliver (1)	Roy Wilburn,
Jeannine & John Le Strada (1)	Gary Payne (1)	Sunshine Care (1)
Shirley Littler (1)	Katie Pelisek (1)	



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LIFE MEMBERS *Horticulturist of the Year

*Chuck Ades (2008)

*Walter Andersen (2002)

Norm Applebaum &
Barbara Roper

*Bruce & Sharon

Asakawa (2010)

Gladys T. Baird

Debra Lee Baldwin

*Steve Brigham (2009)

Laurie Connable

Julian & Leslie Duval

*Edgar Engert (2000)

Jim Farley

Sue & Charles Fouquette

Penelope Hlavac

Debbie & Richard Johnson

*Vince Lazaneo (2004)

*Jane Minshall (2006)

*Bill Nelson (2007)

Tina & Andy Rathbone

*Jon Rebman (2011)

Peggy Ruzich

San Diego Home/
Gardens Lifestyle

Gerald D. Stewart

*Susi Torre-Bueno (2012)

& Jose Torre-Bueno

*Don Walker (2005) &

Dorothy Walker

Lucy Warren

*Evelyn Weidner (2001)

*Pat Welsh (2003)

Betty Wheeler

CONTRIBUTING MEMBERS

Philip Tackill & Janet Wanerka

DISCOUNTS FOR MEMBERS

Get a 15% discount at Briggs Tree Co. (www.briggstree.com; tell them to look up the "San Diego Hort Society Member" account).

Get a 10% discount at San Diego Botanic Garden on Family/ Dual or Individual memberships. Just state you are a current member of SDHS on your membership form. It cannot be done online, so mail it in or bring it to the Garden. Info: psley@SDBGarden.org.

Join Grangetto's FREE Garden Club for coupons and tips delivered to your inbox. www.grangettos.com/garden.

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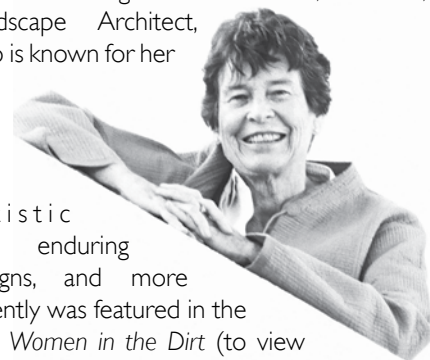


What's Up at

San Diego
BOTANIC
GARDEN

On August 11 and 12, the Garden will take a vibrant turn with over two dozen selected regional artists of all kinds—sculptors, painters, glass artists, potters, gourd artists, fiber artists, silversmiths, and more—creating and selling their work, much of it inspired by nature at our Garden Expressions of Art event.

San Diego Botanic Garden is proud to be honoring Isabelle Greene, F.A.S.L.A., Landscape Architect, who is known for her



artistic and enduring designs, and more recently was featured in the film, *Women in the Dirt* (to view the film visit www.womeninthedirt.com). *Women in the Dirt* offers light to the work of seven award-winning women who have forever planted their ideas in the field of landscape architecture.

In her biography, Isabelle is described as being deeply committed to sustainable practices, her landscapes age well and flow with the land and climate naturally, conserving water, energy and materials. To date, nearly 600 gardens have the magnificent imprint of Isabelle Greene. "My life's work stems from a love of land; particularly the vast and visible lands of the West, as well as a curiosity about what is inside any unknown," said Greene. Isabelle's work moves us beyond recognized images to the essence of the garden experience.

Join us on Saturday, August 11 at 3 pm for her presentation "Beauty is the Truth: Designing with Land," which showcases this prominent landscape architect's inspired work. Following her presentation, she will be interviewed by designer Jeri Deneen of Deneen Powell Atelier, who will help us explore Isabelle's artistic journey.

In addition, several pieces of Isabelle's fine art will be on display at the Garden, many of which are the basis for her beautiful and environmentally sensitive designs. Always learning, and prodigiously creating striking and thoughtful landscapes at 77, Isabelle is an inspiration to everyone around her.

Complete biography of Isabelle Greene www.isabellegreene.com.




PACIFIC HORTICULTURE TOURS

By Scott Borden

With the scent of plumeria and tropical palms swaying in the tradewinds, Hawaii is a dream destination for plant lovers everywhere. From Hanalei Bay, site of *Bali Hai*, to Doris Duke's oceanfront extravagance *Shangri-la*, Pacific Horticulture Society offers a November expedition to the islands of Oahu and Kauai. A study in contrasts, the tour begins in Honolulu with visits to top botanic gardens, an exclusive tour of *Shangri-la* and private visits to some of the best residential gardens on the island. After 3 days on busy Oahu, guests will head to the Garden Island of Kauai to begin an in-depth exploration visiting world-famous botanic gardens and select private gardens. SDHS President Jim Bishop and Sherpa Scott have signed up already. Cheryl Hedgpeth Nichols escorts the tour; Nov 9-17, limited to 20 guests.

SDHS and Pacific Horticulture are jointly sponsoring "Morocco and Andalusia: Islamic Gardens & Architecture," April 4-15 (shown here in a photo by Jeffrey Bale). Stay at charming, well-located hotels, tour top private gardens & estates and enjoy the finest local cuisine. Limited to 20 guests.

Tours under development for 2013: Santa Cruz, Philadelphia, and Scotland.

SDHS is one of six west coast societies providing support for the Pacific Horticulture Society. Producers of Pacific Horticulture magazine, PacHort also offers small group tours designed to educate and inspire plant enthusiasts everywhere. For more info visit www.pacifichorticulture.org/tours or call 800-976-9497...



Jeffrey Bale

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SOUTH BAY BOTANIC GARDEN

The South Bay Botanic Garden consists of 4 acres of trees, shrubs, flowers, grounds covers, various turfgrasses, plant collections, and water features all framed in a pleasant setting. As part of the Landscape and Nursery Technology Program at Southwestern College, the garden is a learning facility for students pursuing degrees in the horticultural fields. Don't be surprised to see a group of students working on the garden or learning a horticultural skill.

The garden is located on the Southwestern College campus in eastern Chula Vista, about 8 miles from the Pacific Ocean to the west and 5 miles from the Mexican border to the south. It is about 20 minutes from downtown San Diego. The climate enjoys the cooling effect of the nearby Pacific Ocean but is inland far enough to receive consistent sunshine.

Upcoming events in August include: **Aug. 4, Vermicomposting Workshop**, \$40 fee, 1:00 - 3:00 pm; contact sageladybritt@gmail.com to register. **Aug. 11, Ornamental Grasses for the Landscape**: Walk and Talk and Hands-on, 4:30 - 5:30 pm; free (\$3 donation suggested).

The garden is open to the public on Tuesdays thru Saturdays from 7:30 am to 4:00 pm, and closed on all major holidays and school holidays. Admission is free, but make sure you purchase a \$3 daily college parking pass from the yellow machines located in various parking lots. Contact: (619) 421-6700 ext 5371 or whomyak@swccd.edu; website is www.southbaybotanicgarden.org.

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Bromeliad Bash

September 1 - 2
9:00 am – 5:00 pm

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SHARING SECRETS

This column is written by you, our members! Each month we'll ask a question, and print your responses the following month. **You can find copies of previous Sharing Secrets on our website at www.sdhortsoc.org/sneak_peek_3.htm.**

The question for this month was:

Ceramic pots make great planters, but so do lots of other things. What unusual or repurposed objects are you using as plant containers?

Gerald D. Stewart wrote: Over the years I've accumulated lots of "family tools" – hand-me-downs from my grandparents, parents, aunts, and uncles. One that I was given when I moved onto the acre 35 years ago was my grandfather's wheelbarrow. After replacing the tub three times the wooden handles and frame were too frail for heavy loads. The wheelbarrow spent more than ten years as a cache pot at the entrance to the front yard, for a never-ending rotation of plants from the pelargonium collection. Sadly, by last year the wood had rotted to the point the wheelbarrow wasn't strong enough to withstand being moved during a garden renovation and the tub had rusted out entirely, but it was a nice bit of eclectic nostalgia while it lasted.

Katrin Utt has a "cheap trick": I buy ordinary clay pots and antique them with furniture stain. A sponge works fine. It is simple and cheap-makes the pots look aged, artistic and expensive!!

Leslie Crawford has photos on her blog for her great tip: I found a houseful of custom plantation shutters that a contractor let me haul away from a house that was undergoing a remodel. They are made with a vinyl material that looks like wood so they won't rot out quickly. With my husband's help, we put a back on them with lath and plywood to create a growing box and I filled it with a cactus soil for good drainage. I tried to create a salad wall, but there isn't enough soil area and the veggies just bolted immediately. If I treated these shutter planters like a hydroponic garden, maybe I would have had better results, but it would have been very labor intensive with fertilizer and water needing to be applied constantly. Now the shutters are all planted with succulents and they are thriving. They are growing well, and it's a great conversation piece when people come over to visit. Not so labor intensive and beautiful, too! Here are a couple of links so readers can see pictures and directions:

<http://3000tomatoes.com/2011/08/18/details-details>

<http://3000tomatoes.com/2011/08/17/the-applause-light-is-on>

Audrey Musil has help from her cat: I save my small Fancy Feast cans and plant succulents in them and give to friends and garden meetings. They don't take up much room and are easy to transport.

Susan & Frank Oddo had a couple of suggestions: The only concession we make to planting annuals is in our old mailbox. Upended, it is just the right size for some cheerful color while keeping to the low water goal. Someone gave us six old half wine barrels years ago. The roses we first planted in them didn't like the tannins, but the

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succulents we replaced the roses with love it. Our poinsettias went in a 2-gallon gift tin that came with gourmet popcorn and are still happily 'blooming' two years later. In the works right now is a broken concrete dolphin fountain that will take on a new life as a succulent garden. An old wheelbarrow full of holes in the bottom is next in line for repurposing. The most visible unusual planter in our garden is the Rick Hartner roadster (from the 2011 SDHS display garden at the Fair). Rick and Rosie came over to install his new rumble seat metal "luggage" in the back of the roadster so we are looking for just the right succulents to complement the delightfully rusty frame.

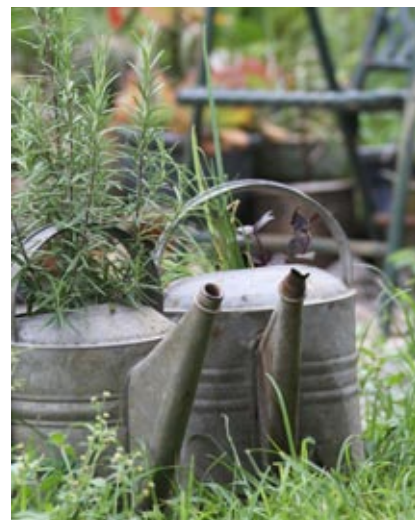
Donna Brigham said: Over the years, I've used many re-purposed items for plant containers, from barbeques to army boots. The possibilities are, as they say, endless! All you have to do is make sure your container drains well. With some things, you might have to drill generous drainage holes, and it never hurts to



put gravel in the bottom for better drainage. Among favorites, old toasters actually make fine succulent planters, with the added bonus of if you don't like what you've done, you can just flip the trigger and send the plants flying! And then there were the Ruby Slippers from the Thrift Shop that were given to me (just like *The Wizard of Oz*!). What a statement when filled with succulents! Speaking of statements, always remember that it's your presentation that can make even a simple planter a work of art. And sometimes, plants aren't always the main attraction. As the current Queen of the Westport Recycle Center (on the North Mendocino Coast), friends bring me all sorts of things to add to my garden there. So here is a photo of the REAL Westport Recycle Goddess, who presides over all of her Re-Purposed Garden here with StarTrek-like grace and beauty!

Susan D'Vincent has an interesting tip: I am excited about landscaping a strip along our driveway that was recently opened up by removing an old acacia. Along with other debris that quickly made the trash was the cement base for a wooden post that had long rotted away. It left a nice plantable hole all the way through the middle of an interesting, highly textured cement container. Now I'm trying to figure out the perfect plant to compliment it.

Rachel Cobb has been collecting vintage watering cans for many years. If the watering can does not have it's own aged drainage, she will drill a few holes in the bottom. Then she fills each with the appropriate soil mix and plants her favorite herbs. The planted watering cans are then placed around the garden to add country charm and they support the garden as hose guards.



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Susan Nance has a brilliant use for wine carriers: I have started re purposing the polypropylene wine carriers from the supermarket. Ralphs' are off white and I use them for lettuces, cilantro, basil and cooler crops and hang out in semi shade. The black ones are useful for peas, carrots, tomatoes, chives. You can hang them where the conditions are good and the bugs and rodents do not have access. You can rip the sections to accommodate the needs of the plants.

Al Myrick is also repurposing: Old holey trashcans, with the bases hidden by foliage or painted tastefully, are great for oversized plants or small trees that you don't want to put in the landscape yet or permanently. They deteriorate slowly and don't usually find their way to the landfill. I have also used old punctured hubcaps, abalone shells, and coconut shells for hanging baskets for rainforest cactus and orchids and bromeliads. They are all part of our Darwinian Wilderness jungle.

Candace Kohl has several hints: I use mostly ceramic pots and am always on the lookout for interesting ones, especially at the Potters Guild sale in Spanish Village. One tip is to buy berry bowls that have lots of holes and use them for some of the very low water succulents. Plastic pots are great for large plants and I paint them to compliment the house.

Kathy Esty heads to the kitchen wares department: I have used brightly colored colanders. I use a little bit of moss right at the bottom and along the side to keep the dirt in. They are so cute right outside a kitchen window.

Nancy Gordon has tried many things: An old claw foot tub, an antique small wheelbarrow, old teapots and coffee pots, strainers, old wire baskets, once an antique stove until it rusted through...

Susi Torre-Bueno was inspired by the SDHS Fair garden this year: I'm making a curved wall of stacked old s-shaped roof tiles. It'll be about 2-1/2 to 3' tall when finished, and I'll be planting succulents in the spaces made by the curves.

Debra Lee Baldwin recently taught a workshop on "Flea Market Gardens" at Waterwise Botanicals, here's a photo of SDHS member Susan Morse with her planted Croc container. More photos are at <http://tinyurl.com/72ef29g>. Read all about it at <http://waterwisebotanicals.com/?p=3042>.



Debra Lee Baldwin

Susan Morse and her Croc-pot of succulents

The question for next month is:

Your newsletter editor went into her garden recently and found that the @#\$%* rabbits had eaten all the Liatris plants that were about to bloom for the first time. ARGGGH!!!!!! What has made you say "Argggh" this year?

Send your reply by August 5 to newsletter@sdhortsoc.org.

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JULY PLANT DISPLAY

By Pat Pawlowski and Susi Torre-Bueno

What is the Plant Display?

Each month members bring in plants, cuttings or flowers and put them in blue bottles on our display tables. What a great way to see what plants grow well in our area. EVERYONE is invited to participate. Each month the display highlights one type of plant, and an expert talks informally about the plants and answers questions. All plants are welcome, but we hope you'll try to bring plants in the categories shown here. Write descriptions similar to those below, and put them with your plant(s).

Join the fun and bring **EDIBLE PLANTS** (veggies, edible flowers, herbs, etc.) to the August 13 meeting. Expert Bill Tall from City Farmers Nursery (a SDHS sponsor; www.CityFarmersNursery.com) will be on hand to answer your questions. We thank Dave Ehrlinger and Wanda Mallen for being our helpful experts on rare and unusual plants at the July meeting.

Asclepias cancellata WILD COTTON MILKWEED, CAPE MILKWEED (Asclepiadaceae) South Africa

This 4' tall evergreen perennial is a host plant for Monarch butterflies (one caterpillar hitched a ride to the meeting) and Queen butterflies. It grows best in full sun with average water. Purple flower buds become unusually-shaped white flowers, which turn into fluffy seed heads. The milky sap contains a toxin; all parts are poisonous for people to eat. (Pat Pawlowski, El Cajon, 7/12) – PP.



Crassula coccinea RED CRASSULA (Crassulaceae) South Africa (Western Cape)

This is a great drought-tolerant evergreen succulent with glowing, tubular, pink-red flowers appearing throughout the summer. It grows to about 12" – 18" tall and does fine in full sun with good drainage (it naturally grows hanging from cliffs). Attracts hummingbirds to your garden. The fleshy triangular leaves are overlapping like a watch chain. Annie's Annuals website (www.anniesannuals.com) suggests "an annual dollop of compost and a bit of Summer water for best appearance. Cut back to a few inches tall in Fall." Cuttings are easy to root in a sandy medium. (Wanda Mallen, Fallbrook, 7/12) – S.T-B.





***Fallopia japonica* 'Variegata'**

VARIEGATED JAPANESE KNOTWEED (Polygonacea) Cultivar

This lovely herbaceous perennial boasts strikingly variegated heart-shaped leaves of creamy white and green, carried on reddish stems. Not a runner like its highly invasive parent (native to Japan, China and Korea), this clumping charmer grows quickly to about 3-5' tall and wide, and should be cut to the ground in early winter. Bears dainty white flowers in summer that attract bees. The plant

displayed is grown in shade with regular water, but others report success with low water. (Sheila Busch, Escondido, 7/12) – S.T-B.

***Justicia sericea* 'Inca Queen'** (Acanthaceae) Peru

This evergreen Peruvian shrub attracts hummingbirds with its 2" long tubular dark red flowers, which appear from spring to fall (or longer). The dark green elliptic leaves are borne on stems covered with silky hairs. It thrives in full sun to light shade with well-drained soil, and is drought-tolerant once established. Grows to about 3' tall x 3' wide. (Susi Torre-Bueno, Vista, 7/12) – S.T-B.



Linaria triornithophora THREE BIRDS FLYING (Plantaginaceae) Spain, Portugal

Purchased in May from Annie's Annuals – here's what their website says: A beautiful & fun perennial giant "Toadflax" that should be more widely grown! From a dense mound of attractive blue green leaves arise 3' x 3' upright, branching stems topped with a gaggle of parakeet like blooms! Each 2" in size, the yellow-throated & prettily veined violet blooms sit facing outwards in whorls of three to create cool clusters to 4" across and 6" long. Long blooming beginning in late Spring. If you cut it back, it'll bloom again in late Summer. Rich, well drained soil for a perfect plant. Can be grown in a large container! This plant self-seeds, but is not reported to be invasive. (Susi Torre-Bueno, Vista, 7/12) – S.T-B.



Strobilanthes dyerianus PERSIAN SHIELD (Acanthaceae)

This attention-grabbing Burmese perennial/sub-shrub (used as an annual in colder climates) is grown for its gorgeous violet and silver foliage. It grows about 3-5' tall and 2-3' wide, and needs moderate water in part shade with good drainage. Too much sun will fade the leaves. Easy to propagate from cuttings. (Susi Torre-Bueno, Vista, 7/12) – S.T-B.

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In addition to the plants described above, those below were also displayed.

What's that in front of the plant name? Plants marked **3** are fully described in the *Plant Forum Compilation*. See www.SDHortSoc.org for details on how to order this valuable reference tool.

Can you spot the phony plant this month? The phony plant in the July newsletter was *Clarkia unguineous* HOMELY CLARKIA.

Cuphea 'David Copperfield' DISAPPEARING CIGAR FLOWER
(Garden Lover, San Diego, 7/12)

Cuphea 'David Verity' HYBRID CIGAR FLOWER
(Dave Ehrlinger, Carlsbad, 7/12)

Cyphostemma quinatum (Wanda Mallen, Fallbrook, 7/12)

Dendrobium Frank Thrall (Charley Fouquette, El Cajon, 7/12)

Dendrobium cv. (D. Big Alex x D. bigibbum)
(Charley Fouquette, El Cajon, 7/12)

Euphorbia geroldii (Wanda Mallen, Fallbrook, 7/12)

Euphorbia longispina (Wanda Mallen, Fallbrook, 7/12)

Gladiolus murielae (syn. *Acidanthera bicolor*, *Gladiolus callianthus*,
and *Acidanthera murielae*) (Sheldon Lisker, Temecula, 7/12)

Kleinia sp. (Susi Torre-Bueno, Vista, 7/12)

3 *Lespedeza thunbergii* PINK BUSH CLOVER
(Sheila Busch, Escondido, 7/12)

Paphiopedilum Prince Edward of York var. Sue LADY SLIPPER
ORCHID (Charley & Sue Fouquette, El Cajon, 7/12)

3 *Portea petropolitana* (Dave Ehrlinger, Carlsbad, 7/12)

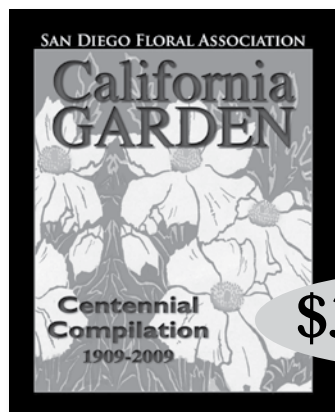


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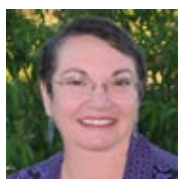
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Gladiolus murielae

Dannie McLaughlin



JULY MEETING REPORT

By Susi Torre-Bueno

I think Nicholas Staddon, our very entertaining and informative July speaker, has the best job imaginable! He gets to travel all over the world meeting up with plant breeders and plant hunters, and to facilitate the introduction of new and worthy plants to the gardening public. As director of the new plants team for Monrovia, Nicholas clearly loves his job – and we thoroughly enjoyed his lively presentation. SDHS members are exactly the kinds of enthusiastic and adventurous gardeners his company seeks to delight with new plants, and the 15 beautiful plants he donated for our Silent Auction (including a variegated daylily!) went home with some very happy members.

Nicholas has gardening in his blood; his Granny Staddon told him, "If you're not killing plants regularly you're not trying to garden hard enough." Certainly the 50+ plants he showed us would be worth trying – some of them more than once – and would be fun additions to our gardens. One of the trends he mentioned would be interesting to attempt here: using clematis as a ground cover (as they are starting to do in Europe). We were also privileged to be the first group he showed photos to of "the world's first purple-leafed hydrangea," which was collected by plant explorer Dan Hinkley (of Heronswood fame) in China. In addition, Nicholas showed us the first nearly sterile agapanthus, which has blooms for 14 weeks because it doesn't put any energy into setting seeds.

So... what new plants should we be on the lookout for? If you're into colorful foliage, how about the variegated *Agapanthus africanus* 'MonKageyama' or the blue-foliaged *Cedrus deodara* 'Feelin' Blue' (a Deodar Cedar growing only 4-5' tall and with cascading foliage about 8-10' wide)? A golden-hued cedar that is also drought-tolerant is *Cedrus deodara* 'MonKinn'. Another variegated plant that was in the auction was *Yucca gloriosa* var. *recurvifolia* 'Walbristar'. A variegated Beauty Berry (*Callicarpa dichotoma* Summer Snow®) has marbled foliage with pink flowers in spring and rose-purple berries in autumn. My personal favorite was the purple-foliaged form of *Melianthus major* called 'Purple Haze' – I need this!

A few edibles were shown, including two blueberries 'Sunshine Blue' and 'Bountiful Blue®' (this one is a big producer with blue foliage). Angel Red® pomegranate has soft-seeded red fruit in early September and gorgeous orange flowers in the summer.

One very large auction plant was a grafted gardenia, and our own Walter Andersen is the fellow who told Monrovia to do the grafting to get healthier plants with big flowers for Southern California. Another white-blooming plant in the auction was the *Loropetalum chinense* 'Snow Panda', which was discovered growing among a field of lilacs at the National Arboretum near Washington, D.C. Walter Andersen Nursery carries a number of the plants shown, including two intersectional hybrid peonies that, while expensive, would be fabulously showy additions to your garden.

Not all the plants Nicholas showed have been trialed in Southern California, but one stunner to look for in 2013 is the South African Fire Spinner® Ice Plant. This non-invasive drought-tolerant cultivar has brightly-hued tri-colored flowers in spring and summer, and forms a low groundcover.

Visit Monrovia's website (www.monrovia.com) to see these plants and many more. Thanks, Nicholas, for an excellent presentation and a generous selection of plants for the Silent Auction. If you missed this talk you can borrow the video of it from our library. ☺

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Floral Design I	Citrowske	M 4:00 – 8:50 pm
Wedding Design I	Butler	T 4:00 – 8:50 pm
Fundamentals of OH	Schultz	W 12:00 – 4:50 pm
Plant Materials: Trees & Shrubs	Schultz	T 2:00 – 4:50 pm
Landscape Drafting	Holladay 8 Weeks 8/27-10/20	M 5:00 – 9:25 pm
Intro to Landscape Design	Holladay	T 4:00 – 8:50 pm
Advanced Landscape Design	DeLorenzo	Th 5:00 – 9:50 pm
Turf & Ground Cover Management Sat 9/8, 9/22, 10/6, 10/20, 11/3, 11/17, 12/8	Spardy	M 5:00 – 6:50 pm 8:00 am – 3:20 pm
Intro to CAD Landscape Design	Sumek	F 12:00 – 2:50 pm + online
Landscape Contracting	Jacobs	T 5:00 – 7:50 p.m.
Greenhouse Plant Production	Palafox	Th 12:00 – 4:50 pm
Landscape Water Management	Groot	Th 1:00 – 4:50 p.m.
Sustainable Urban Landscapes	Wreschinsky	W 3:00 – 4:50 p.m.
Urban Forestry Sat 8/25, 9/15	Rottke 5 Weeks 8/23 – 9/20	Th 5:00 – 6:50 pm 8:00 am – 2:25 pm
Arboriculture and Palms Sat 9/29, 10/13,	Simpson 5 Weeks 9/27 – 10/25	Th 5:00 – 6:50 pm 8:00 am – 2:25 pm
Tree Surgery and Special Pruning Sat 11/10, 12/1	Rottke 5 Weeks 11/1 – 12/11	Th 5:00 – 6:50 pm 8:00 am – 2:25 pm
Business Management for OH	Crais	W 5:00 – 7:50 pm
Cooperative Work Experience	Butler	Hours To Be Arranged

Cooperative Work Experience Required Orientation Friday, 8/24 5:00 pm in M-111

For additional information call (619) 660-4262 or

Visit the Ornamental Horticulture web site: www.Cuyamaca.edu/ohweb

Ornamental Horticulture Department Orientation

Wednesday August 18 - 6:00 to 8:00 pm

Refreshments Served — Cuyamaca College — Room M-111

This free presentation is open to the public, as well as new and continuing students. Meet the professors, learn about classes, careers, job opportunities and the Ornamental Horticulture program at Cuyamaca College.

MIRACOSTA COLLEGE

HORTICULTURE / FALL 2012

www.miracosta.edu/hort



Horticulture Associate Degree or Certificate Program

At MiraCosta College, you can earn an associate degree or a certificate in a variety of programs including irrigation technology, landscape architecture, landscape management, nursery production, wine technology and more. Some certificates take as little as two semesters to complete!

To receive a spring course schedule with complete details and enrollment information, call **760.795.6615**. For more information about MiraCosta College's Horticulture Program, call **Claire Ehrlinger** at **760.795.6704**.

Fall classes at MiraCosta College start August 20

Community colleges are still California's best buy in higher education. Enroll now!

See back for courses offered this fall.

Horticulture Department Open House

WEDNESDAY, AUGUST 8, 2012, 5–7 PM

MiraCosta College Horticulture Department, Building 7000
1 Barnard Drive, Oceanside
Parking available in lot 7A and 4C, no permit required.

Join us for our Open House and find out how our program can get your life moving in a new direction. Come meet our professors; tour our facility; and learn about career, internship and scholarship opportunities. Everyone is welcome, including prospective and current students!

For more information contact **Jason Kubrock**,
760.757.2121, x6482 or jkubrock@miracosta.edu

Plant Sales

*Come Visit the Horticulture Department
Sales Nursery!*

EVERY MONDAY, WEDNESDAY & FRIDAY
9 AM–2 PM Closed on school holidays.

OFFERING QUALITY PLANTS FOR THE CALIFORNIA GARDEN!

Our nursery is stocked with a diverse selection of ornamental and edible plants, including drought tolerant and California friendly plants for your gardening needs!

Our knowledgeable staff is here to assist you in selecting the appropriate plants for your garden.

Our unique plant selection is continually changing; so come by to see what's growing and support your local community college Horticulture program!

For more information please contact:
Horticulture Sales Nursery

760.757.2121, x6994 or hortmail@miracosta.edu

1 Barnard Drive, Oceanside, customer parking—Lot 7A



MiraCosta College, Oceanside Campus

1 Barnard Drive, Oceanside, CA 92056

MiraCosta College, San Elijo Campus

3333 Manchester Avenue, Cardiff, CA 92056



Shaping Minds for Success.

MiraCosta College Credit Courses / Fall 2012

Class # Days Time Instructor Units **Room #**

HORT 110 Introduction to Sustainable Horticulture

This course introduces sustainable horticulture principles and practices in gardening, landscaping, nursery management, and floriculture. Students are required to attend field labs and field trips. CSU; UC pending

OCEANSIDE CAMPUS Room #
2313 T 3:00pm-7:50pm ALLISON M 3.0 OC7001

HORT 115 Soil Science

This course examines the physical, chemical, and biological properties of soil with an emphasis on solving issues related fertility, salinity, pH, high calcium, specific toxicities, and physical problems. Students are required to participate in field labs and trips. CSU; UC

OCEANSIDE CAMPUS Room #
1655 TH 5:00pm-10:00pm ALLISON M 3.0 OC7053

HORT 116 Plant Science

This course covers the basic principles of plant science pertaining to food and ornamental plants and addresses plant taxonomy and nomenclature. Students are required to attend field labs and field trips. CSU; UC

OCEANSIDE CAMPUS Room #
1657 MW 12:30pm-3:20pm KINNON C 4.0 OC7053
1659 TTH 12:30pm-3:20pm MESSINA J 4.0 OC7053
1661 W 5:00pm-7:50pm BENDER G 4.0 OC7053
&ONL &EHLINGER C ONLINE

HORT 117 Plant Identification: Trees, Shrubs, and Vines

This course covers the identification, growth habits, culture, and ornamental use of plants found in Southern California landscapes. It emphasizes botanical and common names, plant family relationships, and environmental adaptations. Students are required to attend field trips both on and off campus. CSU; UC

OCEANSIDE CAMPUS/SAN ELIJO CAMPUS IN CARDIFF Room #
1663 TH 6:00pm-7:50pm EHRLINGER C 3.0 OC7051
&S 9:00am-11:55am SAN406

HORT 118 Arboriculture

This introduction to the care and management of landscape trees prepares students for the International Society of Arboriculture (ISA) Certification exam and provides ISA Continuing Education Units (CEUs). CSU

OCEANSIDE CAMPUS Room #
1671 T 5:00pm-6:50pm PALAT M 3.0 OC7053
&S 8:00am-10:55am &JUNCAL D OC7053

HORT 126 Landscape Irrigation

This course introduces site analysis, component selection, and the operation and maintenance of water efficient landscape sprinkler systems. CSU

OCEANSIDE CAMPUS Room #
1665 T 5:00pm-9:50pm EHRLINGER C 3.0 OC7051

HORT 127 Landscape Design

Principles of design for residential projects. Students will prepare a site analysis, plot plan, presentation drawings, and budget for a typical residential site. CSU

OCEANSIDE CAMPUS Room #
1677 W 10:00am-2:50pm ALLISON M 3.0 OC7051

HORT 128 Landscape Construction

This course covers the fundamentals of soil preparation, tool use, plan reading, construction materials, installation, building codes, and bid preparation. Students are required to attend field trips. CSU

LATE-START/OCEANSIDE CAMPUS Room #
2858 M 5:30pm-8:00pm CONGER D 3.0 OC7051
&S 11:00am-2:25pm OC7051
THIS IS A LATE-START CLASS, (09/08-12/15)

Class # Days Time Instructor Units **Room #**

HORT 144 Nursery Management and Production

This course covers nursery operations and management, including propagation methods, crop scheduling, cultural practices, soils, pest management, fertilization, and environmental issues. Students are required to attend field trips to local nurseries. CSU

OCEANSIDE CAMPUS Room #
1673 T 7:00pm-8:50pm KINNON C 3.0 OC7053
&S 8:00am-10:55am OC7003

HORT 145 Sensory Analysis of Wines

(Material Fee: \$85.00) This course surveys the history and development of winemaking and grape varieties produced in the world's major wine-producing regions. It covers tasting techniques and a wide variety of wines. Students must be 21 years old to enroll and pay a lab fee. They are also required to attend field trips to local wineries. CSU; UC

OCEANSIDE CAMPUS Room #
1670 F 6:30pm-9:25pm COLANGELO D 3.0 OC7053

HORT 147 Wines of California

(Material Fee: \$85.00) This course introduces the wines and major wine producing regions of California. Students must be 21 and are required to attend field trips. CSU
ADVISORY: HORT 145.

OCEANSIDE CAMPUS Room #
2315 W 6:30pm-9:20pm COLANGELO D 3.0 OC7001

HORT 148 Introduction to Wine Production

(Material Fee: \$75.00) This course provides beginning winemakers with basic "how to" instructions and advanced technical training on aspects of winemaking. Students must be 21 and are required to attend field trips. CSU; UC pending

LATE-START/OCEANSIDE CAMPUS Room #
1669 M 6:30pm-9:05pm HART J 1.5 OC7001
&STEHLY A

&ARR

THIS IS A LATE-START CLASS, (09/10-11/19)

+10 hours arranged on two Saturdays between 9/10 and 11/19.

HORT 171 Floral Design

(Materials Fee: \$200.00) (Materials Fee-\$200). This course introduces the theory, techniques, and skills practiced in the floral design industry. Topics include basic design principles, cut flower preparation and care, merchandising, and packaging. CSU

OCEANSIDE CAMPUS Room #
1667 TH 5:30pm-9:30pm PATTERSON DE 2.0 OC7001

HORT 230 Landscape Architecture

This project-based class offers continued study in the field of landscape architectural design with an emphasis on sustainable design principles. Students work both individually and in groups. Field trips are required. CSU; UC
PREREQUISITE: HORT 127.

OCEANSIDE CAMPUS Room #
1675 W 5:00pm-9:50pm ALLISON M 3.0 OC7051

HORT 299 Occupational Cooperative Work Experience

This course is for students who are employed in a job directly related to their major and who seek to learn new skills or improve existing skills at work under the instruction of a MiraCosta faculty-mentor. CSU
COREQUISITES: Employed in a position related to major; complete 60 non-paid or 75 paid hours of work per unit.

Enrollment Limitations: Career Center faculty director and/or coordinator approval required. Students may not enroll in any combination of cooperative work experience (general or occupational) and/or internship studies concurrently.
+2894 ARR STAFF 3.0

NOTE: Go to www.miracosta.edu/dataform or the Career Center in Building 3700, Oceanside campus, to complete an employer contact information form. Faculty Mentor will visit your worksite twice. Call the Career Center if you have questions: 760.795.6772.
THIS IS A LATE-START CLASS, (09/04-12/17).

Fall, 2012 Schedule of Courses

Landscape and Nursery Technology

Southwestern College

Classes begin Monday, August 20th



Landscape & Nursery Technology Courses

LNT 95	Portfolios, Presentations and Consultations for Floral Design	Wednesdays 9 week course	6:00 – 7:50 pm (10/24-12/19)	1 unit	Del Sol
LNT 100	Plant and Horticultural Science	Lecture: Tuesdays Lab: Various Saturdays (Lab dates are: 9/8,9/22,10/6,10/20,11/3,11/17,12/1)	Room 1802 Room 1801	4 units	Rottke
LNT 101	Sustainable Energy Studies	Thursdays	Room 1802	3 units	Hernandez/Valen
LNT 102-104 106-108	Plant Identification	Tuesday and Thursday	Room 1802	1 unit each	Sinclair
		Deciduous Trees or Flowering Shrubs	(8/21 - 9/25)	4:30 - 5:50 pm	
		Conifers and Palms or Foliage Shrubs I	(9/27 – 11/1)	4:30 - 5:50 pm	
		Broadleaf Trees or Foliage Shrubs II	(11/6 – 12/20)	4:00 - 5:20 pm	
LNT 118	Plant Identification for Floral Design	Wednesday 9 week course (8/22-10/17)	Room 1801	1 unit	Del Sol
LNT 122	Landscape Design II	Tuesdays and Thursdays	6:00 – 9:50 pm	4 units	Landis
LNT 128	Sprinkler Design	Monday	5:00 – 10:05 pm	3 units	Staff
LNT 131	Landscape Contracting and Estimating	Wednesdays	6:15 - 9:05 pm	3 units	Homyak
LNT 138	Floral Design I	Tuesdays	9:00 am – 1:50 pm	3 units	Del Sol
LNT 141	Floral Design III (9 week course)	Monday (8/20 – 10/15)	6:00 – 9:50 pm	1 unit	Del Sol
				Room 1802	

Call (619) 421–6700 ext. 5371 for more information
or to enroll, visit the college website at www.swccd.edu

Revised: 5/31/12 WAH

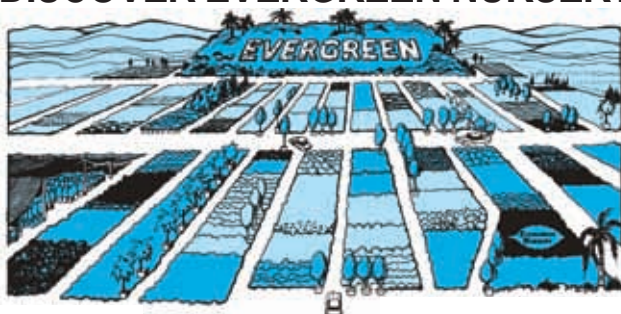
What's Happening? for August 2012

The SDHS is happy to publicize items of horticultural interest. See other side for resources & ongoing events.

Send calendar listings by the 10th of the month before the event to Neal King at calendar@sdhortsoc.org.

▼ SDHS Sponsor

DISCOVER EVERGREEN NURSERY



Landscaping? Relandscaping?
Just Sprucing Up Your Yard?

WHY PAY MORE?

BUY DIRECT FROM THE GROWER AND SAVE!

ONE STOP SHOPPING

Incredible selection. Over 500 varieties on 400 acres.
From small color packs to huge specimen trees.

DRIVE THRU SHOPPING

Use your car as a shopping cart!!!



UNBEATABLE VALUE

The discount houses and depots can't compete
with our grower direct prices.

Come on out and see for yourself!

- 1 gallon plants starting at \$3.50
- 5 gallon plants starting at \$10.00
- 15 gallon plants starting at \$35.00

PROMPT DELIVERY AVAILABLE

Hours: Mon. - Thurs. 7:30-5:00

Fri. & Sat. 7:30 – 6:00 Sun. 9:00 – 5:00

FREE MONTHLY SEMINAR

*First Saturday of every month
Starting at 10am at both locations*

August 4 - Citrus & Avocado Varieties and Care

How about some fruit fresh off the tree? Wow your family and friends with your delicious fruit right from your yard!! You will learn all about your favorite Citrus and Avocado varieties and the best way to care for them. We will also have some fruit ready to taste!

Seminars are free; refreshments will be provided.

All participants will get a coupon good towards your purchase for that day only.

For more details or to view our entire seminar schedule, visit us at

www.evergreennursery.com

Send questions and comments to:
info@evergreennursery.com

Two Convenient Locations:

CARMEL VALLEY
13650 Carmel Valley Rd.
(858) 481-0622

OCEANSIDE
3231 Oceanside Blvd.
(760) 754-0340

Events at Public Gardens

❖ **Alta Vista Gardens** contact info on other side
Aug. 1, 7:30pm, Full Moon Labyrinth Walk.

❖ **San Diego Botanic Garden** contact info on other side
To September 3, Blue Star Museums program: Active duty military and their families (card carrier + 5) will have free admission to the Garden.

August 4, 10am-Noon, Composting Workshop: How to successfully compost at home. Free. To register see solanacenter.org/event/free-compost-workshop-2 for info (760) 436-7986 x218 or elizabeth@solanacenter.org.

August 25, 10am-Noon, How to Install a Laundry to Landscape (L2L) Greywater Irrigation System: How to assess your site for suitability and cover basic plumbing and landscaping skills needed. Members \$25, non-members \$30. Please register by August 22.

❖ The Water Conservation Garden

contact info on other side

Saturdays, 10:30am, Garden Tour: Docent led tour of the Water Conservation Garden. Meet at the main gate at the Garden entrance. No reservations required.

Events by SDHS Sponsors:

Please thank them for supporting SDHS!

✿ **Cedros Gardens, Saturday and Sunday FREE morning classes.** Details at www.cedrosgardens.com; address in ad on page 17.

✿ City Farmers Nursery FREE Classes

Aug. 4, 1-2:30pm, School Garden 101. How to start or transform a school garden. Please RSVP at www.eventbrite.com/event/3114809479
See www.cityfarmersnursery.com or call (619) 284-6358

✿ Evergreen Nursery FREE Workshop on August 4

See column at left for details.

✿ Grangetto's FREE Workshops

Summer Fruit Tree Pruning, 10am to noon

August 4, 189 S. Rancho Santa Fe Rd., Encinitas

August 11, 530 E. Alvarado St., Fallbrook

See www.grangettos.com or contact Jennifer at (760) 745-4671 x215 or e-mail events@grangettos.com.

✿ Sunshine Care FREE Workshop on August 18

10:30am, Avocado and Citrus. Doorprizes and refreshments. Address in ad on page 14. Info: (858) 752-8197 or www.sunshinecare.com.

✿ Walter Andersen Nursery FREE Saturday Classes

Details at www.walterandersen.com; addresses in ad on page 15

Point Loma, 9am

Poway, 9:30am

Aug. 4 Summer Color in Your Garden

TBA

Aug. 11 Herbs for Late Summer

TBA

Aug. 18 Cool Shade Plants for Summer

TBA

Aug. 25 Choosing the Right Citrus

TBA

✿ Weidners' Gardens Classes & Workshops

Address in ad on page 21. Info: www.weidners.com or (760) 436-2194.

Aug. 4, 10am, Make a Tufa Pot, \$10 (plus materials).

Aug. 4, 1:30pm, Creative Recipes and Ideas from your Bountiful Garden with Herbs Miss Klipbs, \$10.

Aug. 5, 1:30pm, Make your own Weidner's style "Pot Lifter", \$10 (plus materials).

Aug. 18&19, 1:30pm, Mosaic Pottery: Two day class Adults only \$20 plus materials. Must bring and use safety goggles (any home improvement store has them) and gloves. Bring a tile cutter if you have one.

Aug. 25, 1:30pm, Fun Mosaic Projects: \$20 plus materials.

Next SDHS Meeting:

August 13 - 6:00 pm

The Revolutionary Yardscape

See page 1 for details

Other Garden-Related Events:

Check with hosts to confirm dates & details

♦ Aug. 11 (9am- 4pm) and 12 (9am - noon), **American Begonia Society Convention, Show & Sale:** Show and Sale Admission is free. Town And Country Resort and Convention Center, 500 Hotel Circle North. Info: www.begonias.org/events/events.htm or (760) 942-1919, dean@deansmail.us.

♦ Aug. 12, 1:00pm, **Southern California Plumeria Society:** Collection at the Naples Botanical Garden. Free. Balboa Park, War Memorial Building. Info: www.socalplumeriasociety.com.

♦ Aug. 21, 7:30pm, **California Native Plant Society:** TBA. Free. Balboa Park, Casa del Prado, room 101 or 104. Info: www.cnpssd.org or call (760) 454-5033.

August 26

Coffee in the Garden

in Encinitas

Your invitation was emailed to

you in the last few days.

♦ Aug. 27, 6:30pm, **San Diego Edible Garden Society:** Cane Berries ~ Boysenberries, Blackberries, Red and Golden Raspberries. Pest of the Month Aphids. FREE. Balboa Park, Casa del Prado, room 104. Info: www.sdedible.org.

San Diego County Farmers Markets

www.sdfarmbureau.org/BuyLocal/Farmers-Markets.php

MONDAY:	FRIDAY:
Escondido - Welk Village	Borrego Springs
TUESDAY:	Fallbrook
Coronado	Imperial Beach
Escondido	Kearny Mesa
Mira Mesa	La Mesa
Morena District	Rancho Bernardo
Otay Ranch	Southeast San Diego
Pacific Beach	SATURDAY:
UCSD/La Jolla	Carlsbad
WEDNESDAY:	City Heights
Carlsbad	Del Mar
Encinitas	Golden Hill
Mission Hills - San Diego	Little Italy
North San Diego	Pacific Beach
Ocean Beach	Poway
San Marcos	Ramona
Santee	Rancho San Diego
THURSDAY:	Scripps Ranch
Chula Vista	Vista
Horton Square	SUNDAY:
Linda Vista	North San Diego
North Park	Gaslamp District
Oceanside CFM	Hillcrest
Oceanside Sunset	Julian
Pacific Highlands	La Jolla
Poway - Alliant University	Leucadia/Encinitas
San Carlos	Point Loma
UTC	Rancho Santa Fe
	San Marcos
	Solana Beach

For an extensive list of

garden club meetings and

events, visit the San Diego

Floral Association website:

www.sdfloal.org/calendar.htm

Resources & Ongoing Events

ALTA VISTA BOTANIC GARDENS: Open Monday-Friday 7:00-5:00 ; 10:00-5:00 on weekends. Fee: \$2. 1270 Vale Terrace Drive,Vista. Info: www.avgardens.org or (760) 945-3954.

SAN DIEGO BOTANIC GARDEN (formerly QUAIL BOTANICAL GARDENS): Open daily 9-5 (closed Thanksgiving, Christmas, New Year's Day); 230 Quail Gardens Dr., Encinitas. Fee: \$12/adults, \$8/seniors, \$6/kids; parking \$2. Free to members and on the first Tuesday of every month. (760) 436-3036; www.SDBGarden.org.

THE WATER CONSERVATION GARDEN: Open 9-4 daily, FREE. Docent-led tours every Saturday at 10:00am. 12122 Cuyamaca College Drive West, El Cajon, (619) 660-0614 or www.thegarden.org.

MISSION TRAILS REGIONAL PARK: Guided hikes Wed., Sat. & Sun. Visitor Center open 9-5, off Mission Gorge Rd., San Carlos, (858) 668-3275.

MASTER GARDENER HOTLINE: Gardening questions answered by trained volunteers Mon.-Fri., 9-3, (858) 694-2860, www.mastergardenerssandiego.org.

SAN ELIJO LAGOON CONSERVANCY: Free 90-minute public nature walk 2nd Saturday of each month start at 9:00 am. Call (760) 436-3944 for details.

DESERT WILDFLOWER HOTLINE: Anza-Borrego Desert State Park: (760) 767-4684. For information, events, road conditions, etc. call (760) 767-5311 or visit <http://desertusa.com/wildflo/wildupdates.html>.

WILDFLOWER HOTLINE: March to May call the Theodore Payne Foundation hotline: (818) 768-3533 for info. on blooms in Southern California and elsewhere; visit <http://theodorepayne.org>.

BALBOA PARK:

Offshoot Tours: FREE 1-hr walking tour in Balboa Park every Sat., 10am. Meet at Visitors Center; canceled if rain or less than 4 people. (619) 235-1122.

Botanical Building is one of the world's largest lath structures, with 1200+ plants and lavish seasonal displays. FREE. Open Friday-Wednesday, 10am to 4pm.

Botanical Library: Room 105, Casa del Prado, Mon.-Fri. and first Sat., 10am-3pm, FREE. Info: (619) 232-5762.

Japanese Friendship Garden: Tues. to Sun., 10-4. Fees: free 3rd Tuesday; \$5/family; \$2/adult, \$1/seniors/students; (619) 232-2721, www.niwa.org

Canyoneer Walks: FREE guided nature walks Saturday & Sunday. (619) 232-3821 X203 or www.sdnhm.org

Balboa Park Ranger Tours: FREE guided tours of architecture/horticulture, Tuesdays & Sundays, 1pm, from Visitors Center. Info: (619) 235-1122.

San Diego Natural History Museum: Exhibits, classes, lectures, etc. (619) 232-3821; www.sdnhm.org

S.D. Zoo: Garden day 3rd Friday of every month from 10am. Pick up schedule at entry. Info: (619) 231-1515, ext 4306; www.sandiegozoo.org.

Garden TV and Radio Shows:

Garden Compass Radio Show (local). Saturday from 9-10am. XEPE 1700AM radio, hosts Bruce and Sharon Asakawa, John Bagnasco. Call-in questions: (619) 570-1360 or (800) 660-4769.

GardenLife Radio Show (national). Saturday 8-9am and Sunday 8-10am. KCEO 1000AM radio, hosts Bruce and Sharon Asakawa, John Bagnasco. Call-in questions: 866-606-TALK. Hear it streaming live on lifestyletalkradio.com. GardenLife shows are also archived at lifestyletalkradio.com.