

Let's Talk Plants!

Newsletter of the San Diego Horticultural Society

August 2011, Number 203

Creating & Keeping a Sustainable Landscape

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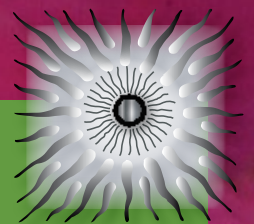
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On the Cover: Bees are garden treasures!



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JUNE COFFEE IN THE GARDEN

All photos by Barbara Raub



A snail's eye view of small plants that fill the spaces between stepping stones"



Siena Randall was our terrific tour guide

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COVER IMAGE: August speaker Lynlee Austell-Slayer, who took the cover photo, says, "Flowers equal food...food for humans, birds, bees, beneficial insects. A hallmark practice of sustainable maintenance is to allow plants to retain their blooms and the fruiting bodies that follow. Discontinue hedge trimming in Southern California and you will see year round blooms. The resulting bird activity and beneficial insects will perform most of the pest control necessary in the garden and provide hours of entertainment. Aphids and white flies on your hibiscus? No problem. Give birds a water source nearby and they will perch in your shrub and snack on those tasty protein bites while waiting their turn at the fountain. Your favorite show will become the bees in your artichokes, stumbling drunk in their cloak of pollen."

The San Diego Horticultural Society

MEETINGS

The San Diego Horticultural Society meets the 2nd Monday of every month (except June) from 6:00pm to 9:00pm at the Surfside Race Place, Del Mar Fairgrounds, 2260 Jimmy Durante Blvd. Meetings are open and all are welcome to attend. We encourage you to join the organization to enjoy free admission to regular monthly meetings, receive the monthly newsletter and numerous other benefits. We are a 501(c)(3) non-profit organization.

MEETING SCHEDULE

5:00 – 6:00 Meeting room setup
6:00 – 6:45 Vendor sales, opportunity drawing ticket sales, lending library
6:45 – 8:30 Announcements, Hot Hort Pick s, speaker, opportunity drawing
8:30 – 9:00 Plant display; vendor sales, lending library

MEMBERSHIP INFORMATION

To join, send your check to: San Diego Horticultural Society, Attn: Membership, P.O. Box 231869, Encinitas, CA 92023-1869. Individual/one year—\$30, two years—\$50, five years—\$120; Family/one year—\$35, two years—\$60, five years—\$140; Group or Business/one year—\$50; Students/\$16 (w/proof of enrollment); Contributing/\$90 or more; Life/\$700. For membership questions contact membership@sdhortsoc.org or or Jim Bishop at (619) 293-0166.

FUTURE MEETINGS & EVENTS 2011

| | |
|------------------------|---|
| August 20 | Coffee in the Garden, Solana Beach |
| September 12 | Tom Spellman on Backyard Orchards |
| September 16-18 | Fall Home/Garden Show, Del Mar Fairgrounds |
| September 25 | Volunteer Appreciation Party (see page 2) |
| October 10 | Amy Stewart on The Louse that Conquered Napoleon's Army and Other Insect Monstrosities |
| November 14 | Jon Rebman on SD Plant Atlas Project, and Horticulturist of the Year Award Presentation |

www.SanDiegoHorticulturalSociety.org

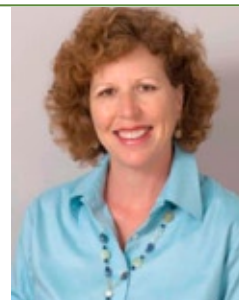
Next Meeting: August 8, 2011, 6:00 – 9:00 PM

Topic: LYNLEE AUSTELL-SLAYTER ON "CREATING AND KEEPING A SUSTAINABLE LANDSCAPE"

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: (760) 295-7089

For the August meeting we are delighted to present Lynlee Austell-Slater, a UCCE Master Gardener and sustainable landscape expert. Sustainable landscapes give joy to all who live, visit and work therein, and Lynlee says that creating a sustainable landscape can be rather simple. Keeping it sustainable requires that we be aware of and apply sustainable maintenance practices. Knowing these techniques can save us time, money and habitat when we practice conscientious stewardship of our environment. Lynlee will show us three paths to make our landscape more sustainable, from keeping everything we already have and changing techniques, to full renovation. In addition, she will share current University of California and County Extension programs and research in sustainable landscapes.

Lynlee inherited her love of plants and nature from her parents and grandparents. Her mother was a botanist and science teacher. Her grandfather and father collected state fair ribbons for their horticultural talents. Her father also worked as a florist for some time. When Lynlee was an undergraduate in microbiology and described what she wanted to do with her life, someone told her she was naive. Yet she now lives that intention by helping to preserve our natural environment and helping others see the joy in nature. After detours in medical sales and marketing, earning her MBA, and sailing the Americas for five years with her husband, Lynlee constructed her own sustainable garden and helped others with theirs including some commercial sites. She has been a UCCE Master Gardener since 2008 and completed additional training in Sustainable Landscape Principals and Integrated Pest Management. She has recently presented seminars on landscape sustainability at The California Center for Sustainable Energy, the San Diego County Master Gardener Association, and the Spring Home/Garden Show. To learn more see page 3. 🌱



The Mission of the San Diego Horticultural Society

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.

ESTABLISHED SEPTEMBER 1994

SDHS BOARD MEMBERS

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Let's Talk Plants!, the newsletter of the San Diego Horticultural Society, is published the first Monday of every month.

Editor/Advertising: Susi Torre-Bueno;
(760) 295-7089; newsletter@sdhsoc.org

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

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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@sdhsoc.org. Sponsors are listed on page 8; those with ads in the newsletter have the words SDHS Sponsor above their ads. We thank them for their extra support!

Important Member Information

VOLUNTEER APPRECIATION PARTY

By Paula Verstraete

The annual Volunteer Appreciation Party for 2011 will be held on Sunday, Sept. 25 at a fabulous garden in Encinitas. Invitations will be going out mid-August for all of our hard working volunteers who helped in so many ways from August 2010 to August 2011. If for some reason you volunteered and don't get an invitation by August 31st, please let me know immediately at pverstraete@cp-sandiego.com or call me at (760) 402-0255. Can't wait to see everyone at the party!!

VOLUNTEERS NEEDED

1- Membership Committee

Express your outgoing nature, or overcome your shyness, by meeting new people in a very friendly setting! Volunteer as a greeter at meetings, visit nurseries and provide membership brochures for their customers, or help with coffee in the garden events. Jim Bishop at jimbishopsd@gmail.com or (619) 293-0166.

2 - Events & Outreach Committee

Share your passion for plants! We are seeking a committee chair and also volunteers to help plan and participate in exciting events. This committee organizes and installs our info table for the Spring and Fall Home/Garden Shows. They also help with our display for the San Diego County Fair, workshops and special events. For more info and to volunteer please contact Susi Torre-Bueno at (760) 295-7089.

THANKS SO MUCH!

Thanks to our sponsor EuroAmerican Propagators (Proven Winners) for hosting our June Coffee-in-the-Garden at their fascinating (and usually closed to the public) display area in Bonsall. Photos of this garden are on the inside front cover. Our FREE monthly Coffee events are always lots of fun and a relaxing way to meet up with other SDHS members in a beautiful garden. Registration info is in your monthly member e-mail, which has details about upcoming meetings and other events. Some of the coffees are completely filled up in a few hours, so check the e-mail as soon as you can and reserve a space right away! ☺

See page 11 to order your SDHS nametag

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Monday-Thursday..7:30am-5:00pm
Friday-Saturday7:30am-6:00pm
Sunday.....9:00am-5:00pm

To Learn More...

SUSTAINABLE LANDSCAPE

By Ava Torre-Bueno

This website is an overview of this month's topic:

<http://thesustainablelandscape.com>. It identifies a number of issues directly impacted by our sustainable, or non-sustainable, approach to gardening, so I'll list them and give an additional site or two about each issue.

The first issue is global heating. The climate is not "changing," or even warming, it is getting hotter, and leading to more energetic storms winter and summer as well as sea-level rise and the shrinking of the polar ice caps and glaciers all around the world. Here's what the Feds have to say:

www.epa.gov/climatechange

Air pollution is a bigger gardening problem than you might think:

www.peoplepoweredmachines.com/faq-environment.htm

To protect against your garden being a source of water pollution and to help with storm-water management, go to these sites:

<http://raingardens.org>

www.sandiego.gov/thinkblue/about/index.shtml

To garden sustainably despite the perpetual drought that is our environment, here is a site about drought-tolerant plants:

www.cscg.ucsd.edu/BOOKSTORE/Resources/GS2%20Drought%20Tolerant%20Plants_8-7-09.pdf

I'm sure none of you use pesticides! However, if you do, and you need inspiration to stop, here's what it does to the bees who pollinate your garden:

en.wikipedia.org/wiki/Pesticide_toxicity_to_bees and www.vanishingbees.com

and here's who to call if you need bees taken away without the use of toxic chemicals:

www.honeybeerescue.com

The Prince of Wales is the royal patron of the Soil Association:

<http://news.harvard.edu/gazette/story/2007/02/prince-charles-honored-with-hmss-global-environmental-citizen-award>

And here's a movie about the essentialness of soil to all our gardening (and eating):

www.dirtthemovie.org

Another identified sustainability issue is fertilizer run-off. Here's a movie about that:

www.gimmegreen.com/facts.htm

One last article about sustainability in the garden:

<http://notillgardening.com/2010/08/07/proper-stewardship-of-our-renewable-resources>

Mahatma Gandhi said, "Be the change you want to see in the world," and I say, start in your garden.

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. ☺

From The Board

By Susi Torre-Bueno

CHANGES ON THE BOARD

Ida Rigby, who has done a stellar job for two years, is leaving the board to pursue her dream of world travel. During her tenure Ida put together an enthusiastic committee and organized marvelous local tours in March 2010 and March 2011, plus a terrific Portland-area tour in 2010. Thanks for an exceptional period of service, Ida!



We're happy to report that **Dannie McLaughlin** took over in July as our Tour Coordinator. Dannie (and her husband, Craig) hosted the Coffee-in-the-Garden at their expansive garden in Olivenhain in November 2010. Dannie writes, "Interacting with others who share my passion for gardening is a joy. I've met many wonderful people in

the Hort Society and want to contribute to the continuing success of this tremendous organization in any way I can." Dannie adds that she has, "an abiding respect for nature and an enthusiasm for gardening. When we moved into our home 12 years ago, we had almost 3-acres of land but very little landscaping. I knew this was finally my chance to indulge my love of gardening. Since then I have read books, attended seminars, and talked with everyone I could about gardening and garden design. I feel I already had an eye for color, texture, and spatial layout. Then, through trial and error (with an emphasis on error – I often had to learn first what didn't work to know what does work) my garden started coming together. Recently I have become increasingly focused on reducing our water consumption and have removed turf and added many drought tolerant natives, succulents, and cacti." Asked about her skills, Dannie says, "I consider myself a good team member and have the flexibility to get along and work well with others. I am conscientious, have good organizational skills, and always do what I say I am going to do. I do have a basic knowledge of computers and I have my husband as my 'techie' back-up. There's nothing he can't do when it comes to computers." We're delighted to welcome Dannie to the board and know she'll be a fine addition.

OUTREACH ACTIVITIES

The Events & Outreach Committee is planning some exciting demos and activities for our information table at the Fall Home/Garden Show. Late fall is one of the best times to plant in San Diego, and we want to share our enthusiasm for gardening with the public. We'll have a succulent potting demonstration, info on growing fall-planted veggies, free cuttings, and more! If you'd like to join the fun of getting these activities organized, we'd love your help! Please call Susi Torre-Bueno at (760) 295-2173. ☺

The Real Dirt On...

CHARLES PLUMIER

By Joan Herskowitz



Charles Plumier (1646-1704) was a French botanist and Franciscan monk after whom the genus *Plumeria* is named. He is considered one of the most important of the botanical explorers of his time. During the course of his life he created 31 manuscripts that contained descriptions and drawings documenting 4,300 plants and 1,200 animals. He was best known for his three botanizing expeditions to the Caribbean and Central

America in the 1690s, which resulted in his massive work *Nova Plantarum Americanarum Genera*, containing descriptions of the newly discovered genera *Begonia*, *Fuchsia*, *Lobelia*, *Magnolia* and *Plumeria*.

Plumier was born in 1646 in the City of Marseilles and at the age of sixteen entered a Franciscan religious order. He studied mathematics and physics, and was a skilled draughtsman, painter, and wood turner. Later, in Rome at a French monastery, he received his formal training in botany. On returning to France, Plumier studied with the famous French botanist Joseph Tournefort and accompanied him on botanical expeditions to coastal Provence and Languedoc.

A major priority of the time for botanists was the search for cinchona bark, which contains quinine for the treatment of malaria. Therefore, Tournefort urged the French government to start a series of expeditions and, in 1689, Plumier was selected to accompany the collector and physician Joseph Donat Surian on an expedition to Martinique, Guadeloupe and Haiti. Plumier described and classified plants of the region, and served as illustrator on the voyage, which lasted a year and a half. He wrote up his observations in *Description des Plantes d'Amerique*, which was a success and contributed to his appointment as Royal Botanist to King Louis XIV. He would later name a monotypic tropical genus *Suriana* (Bay Cedar) after Joseph Surian.

In 1693 he made his second journey, gathering over 924 new species of plants of which 100 new genera were discovered. From his observations in Martinique, Plumier gave the first accurate account of the source of the red dye cochineal, which, as we know today, is an insect, not part of the plant on which it is found. Two years later, on his third voyage to the Caribbean Islands and Central America, he collected and described many species, including the discovery of plants in the genus *Fuschia*. In 1704, when he was about to start on his fourth journey to visit the home of the cinchona tree in Peru, he became ill with pleurisy and died at the age of 58.

Plumier never named his plant discoveries after himself. However, the botanists Joseph Tournefort and Carl Linnaeus named the genus *Plumeria* after him for his work on species in the genus and his contributions to botany. Some famous doctors and botanists whom Plumier honored by using their names for his plant discoveries include: *Fuchsia* for the German botanist/physician Leonhard Fuchs (1501-1566); *Begonia* for the French governor of Haiti, Michel Begon (1638-1710); *Magnolia* for Pierre Magnol, director of the Botanical Garden of Montpellier in France (1637-1715); and *Lobelia* for the French botanist Mathias de Lobel (1538-1616).

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:

SENSE-SATIONAL SAGES

By Greg Rubin

What is a native landscape without sages? These are the sensory nerve centers of any design, where color, texture, and fragrance congregate in a feast of stimulation. California is rich in its diverse selection of these delightful wonders. From the desert to the sea, shade or sun, there is a sage for every situation. Most are drought tolerant, but a few can accept higher levels of moisture. Some like perfectly draining mineral soils, while others thrive in heavy clay.

The genus *Salvia* contains 18 species in California. However, from a horticultural perspective, there are many hybrids, cultivars and selections over and beyond that number. This group of plants has been enormously important to the indigenous people of California, where the plant has been used for food, teas, medicine, and ceremonial purposes. Even today, many people like to flavor their food with various native sages. Why not? They are all edible. It just depends on what flavors you are after.

Following is a list of sages that I have used in landscapes.

Desert Sages

This is an interesting group of seldom-used *Salvias* that do well in hot dry conditions and well draining soils. ***Salvia pachyphylla***, or Rose sage, is a rarely planted member of the desert transition and pine forest communities. It is stunningly beautiful, exhibiting deep purple flowers with rose-pink bracts on brilliant white foliage. Its 2-foot size is ideal for a dry, scree garden with perfect drainage.

Another desert sage is ***Salvia dorrii***, as in "Riders of the Purple Sage." This show stopper is easier than Rose sage. The flowers are brilliant purple on a 2-foot plant. Needs good drainage and likes gravelly soil.

Coastal, Island, and Mountain Sages

These are the most common *Salvias* we use in San Diego gardens. Black Sage (***Salvia mellifera***) predominates in the coastal sage scrub, with dark green leaves and white flowers on a 4-foot shrub. This one is popular for cooking. The variety ***repens*** is a very fast large-scale groundcover that is great for slopes and has blue flowers. White sage (***Salvia apiana***) is also common in most areas, with white flowers and extremely pungent white foliage. This is the sage used most often as incense during Indian cleansing ceremonies. It is a large plant, with stalks often exceeding 6 feet. The variety ***compacta*** is a 3-foot scale model of the same plant and is great for gardens.

Cleveland sages (***Salvia clevelandii***) are simply a gift. Their sweet, perfumey yet pungent fragrance is enough to make a truck driver swoon. Their flowers are deep purple and the straight species is only a 2- to 3-foot shrub. Many of the *S. clevelandii* hybridize with Purple sage (***Salvia leucophylla***), which grows in coastal clay soils. These crosses yield plants like **S.**



Continued on page 13

Trees, Please

DO TREES DRINK TOO MUCH?

By Robin Rivet

There is a great misconception that growing large woody plants (like trees) uses too much precious water. Some feel we should only plant vegetation native to San Diego's origins, primarily chaparral and shrub species; while others resort to re-designing urban spaces primarily with succulents, gravel mulches and small scale, drought-tolerant perennials. In both cases, trees tend to be afterthoughts, with large trees nearly out of the picture. Of course, now that the county has called off our drought, some residents may choose to replant thirsty lawns. Nevertheless, drought cycles will inevitably return; so whatever design style you choose, you should incorporate more trees into urban landscapes. Why are trees so important to mitigating urbanization and our cycle of water use?

Although trees do need infrequent but deep watering at the dripline, they do much to keep water in place. Trees help preserve water in three ways: through evapotranspiration, rainfall interception and runoff reduction.

Now that summer is upon us, it is a rare person who does not instinctively seek refuge under a nearby tree when the heat becomes oppressive. Not only do tree canopies block the intense solar radiation of the sun, the stomata in turgid leaves releases stored water brought up through the roots. The physics is complicated, but the resulting moisture loss adds to the pleasant cooling effect felt under a spreading tree on a hot summer day. In warm weather, a large tree may transpire more than a hundred gallons of cooling water back into the air.

The ability of a large tree to intercept rainfall is often underestimated, especially in a region like ours where the average yearly rainfall hovers at a paltry ten inches. This is crucial, since much of our measly rainwater simply runs off, unable to penetrate compacted urban soils. Additionally, storm events are a major source of ocean pollution – our small storms are responsible for the highest concentration of contaminants. However, large tree canopies can delay runoff for 10-20 minutes before the leaves and branches saturate enough to flow off from the stems and trunk onto the ground. By filtering raindrops through foliage, some trees can intercept up to 30% of potential runoff. Moreover, tree roots increase the capacity of soil to accept this water, further reducing loss and potentially doubling this reduction. The formulas are complex, but the bottom line is indisputable. By a significant degree, all trees help keep water *in situ*, which benefit our air, soils and watersheds.

The economic consequences of urban tree loss can be staggering. Between 1985 and 2002, San Diego's urban forest lost 27% of its tree cover. An "Urban Ecosystems Analysis" published in 2002 by American Forests, estimated that the stormwater retention capacity of the City of San Diego's urban forest was 82 million cubic feet, valued at about 164 million dollars. For a myriad of misguided reasons, we continue to lose urban trees and squander our dwindling and precious water resources. The simple act of planting more trees can actually save water; cleanse the water table, help keep our oceans free of petroleum residues and beautify our land.

Visit these websites to read more about California urban tree and water research:

www.ufei.org/files/pubs/sandiegouea.pdf

www.fs.fed.us/psw/programs/uesd/uep/products/cufr_392_rain_down_the_drain.pdf

www.fs.fed.us/psw/programs/uesd/uep/products/2/cufr_48.pdf

www.fs.fed.us/psw/programs/uesd/uep/products/18/814uesd_uep_tpub_SrthrnCaCoast.pdf

Member Robin Rivet is an ISA Certified Arborist, UCCE Master Gardener and member of the San Diego Regional Urban Forestry Council. She also serves on the Community Forests Advisory Board for the City of San Diego and the Environmental/Sustainability Commission for the City of La Mesa. She welcomes public inquiries and rebuttals. ☺

Let's Talk Plants! August 2011, No. 203

Digital Newsletter For Free Printed Newsletter Surcharge

Each printed copy of the newsletter costs over \$2.50 to print and mail, and this year we'll spend about \$33,000 in newsletter costs, our biggest expense. Advertising income helps offset this huge outlay, but the balance is more than half of your dues and is not the wisest use of valuable natural resources. Switching to reading the newsletter on-line saves money, trees and energy.

Nearly 1/3 of our members already get the newsletter *exclusively* on-line, and we want to encourage a great many more members to do so. The digital newsletter features all color photos, live links, the ability to enlarge it for easy viewing, the option to print out only the pages you want to keep, and significantly reduced environmental impact. Back issues are available on our website for instant access. Non-profit organizations are increasingly switching to digital newsletters and we see this as the inevitable future of publishing for budget-conscious and ecologically considerate groups like ours, and we hope you agree. For many months the Board has been considering ways to shrink this huge expense, and in May we voted to make the following change:

Starting with renewals in October 2011, members who choose to receive the printed newsletter will pay an annual surcharge of \$12 (in addition to their yearly dues) to help offset the printing and mailing expenses. You can continue get the printed newsletter for FREE for five years: if you extend your membership for 5 years BEFORE October 1st we'll waive the annual surcharge until the next time you renew.

When you renew for 5 years you only pay for 4 years – the 5th year is FREE! Individual memberships are \$30/year or \$120/5 years; family memberships are \$35/year or \$140/5 years. Save even more money by using the \$5 value Hort Bucks you receive when you get a new member to join.

Here's some examples of how this will work:

- 1) You decide to get the digital newsletter only from now on – no surcharge is due when you renew your membership.
- 2) Your renewal date is *after* October 1, 2011 and you want the printed newsletter option. When you renew your membership you'll pay a supplement of \$12 per year for the printed newsletter.
- 3) Your membership ends sometime after October 1, 2011 and you want to get the printed newsletter. If you extend your membership for 5 years *before* October 1st you'll pay NO FEE for the printed newsletter. Your 5-year renewal also saves you \$30 in individual membership fees (\$35 on family memberships) plus another \$60 in printed newsletter fees, for a saving of \$90 for an individual, or \$95 for a family membership.

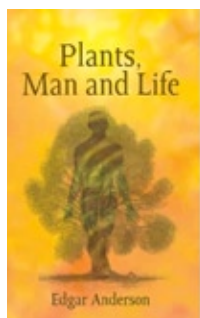
We are confident that whichever option you prefer the newsletter will continue to be a major benefit of your membership, bringing you news about our activities and practical, reliable and appealing articles about gardening in San Diego. If you have any questions, please contact Susi Torre-Bueno at info@sdhortsoc.org or (760) 295-7089. ☺

Book Review

PLANTS, MAN AND LIFE

By Edgar Anderson

Reviewed by Caroline McCullagh



It's strange how some things stick in your mind. Twenty-five years ago, in an archaeology class, I read an article by a scientist named Paul Manglesdorf. He wrote that we had no idea what maize (corn) had evolved from. He posited a plant called teosinte, native of Mexico.

Manglesdorf probably knew Edgar Anderson. They were plowing the same field, to use a little botanical metaphor. But where Manglesdorf was looking at the smaller problem of corn evolution, Anderson tackled the bigger question of the interrelatedness of human evolution with the evolution of domestic plants and weeds. In that, he was a predecessor of Michael Pollan, whose books I've reviewed in the column, in particular *The Botany of Desire*.

When I say predecessor I mean it. This book was first published in 1952. Dr. Anderson's book was timely then, and it's still timely. It was republished in 1971, and again in 2005.

I will say that if you don't like taxonomy (the scientific naming, in this case, of plants), you can forget this book. Anderson was a big fan of the subject. He thought that it could be used more fruitfully than it is, though, especially when it comes to plants that grow at the edge of fields, by the side of the road, and in trash dumps – that land that isn't clearly either domestic or wild.

His point is that you could ask any botanist about plants that grow in the wilds of Alaska or at the tops of the Andes and they could give you copious information. Ask them about the plants they weeded out of their gardens the past weekend and they are silent. He proposed that this be changed, and he started that change in his study of the races of corn in Mexico and Guatemala. (Aha! The connection to Manglesdorf.)

I've told you a little about what this book is. What it isn't is a hard-to-read scholarly tome. His other major book was *Introgressive Hybridization*. That may be a little more technical than I want to tackle, but Dr. Anderson wrote hundreds of popular science articles in his career. In this book, his style is conversational and friendly. His subjects are wide ranging, and I promise you that he even makes taxonomy interesting.

Anderson died in 1969. I found an appreciation on-line: "Edgar Anderson, A Biographical Memoir" by G. Ledyard Stebbins. In a scant twelve pages, Stebbins calls him humble, faithful to his religious beliefs, aggressively ambitious, warm, friendly, unconventional, sensitive, and intolerant of people he considered his intellectual inferiors, among other things. Evidently, Anderson was a complex and interesting man who wrote an interesting book. I recommend it.

Plants, Man and Life (ISBN 0-486-44193-8) is in paperback, 272 pages long, and has 16 black and white line drawings as illustrations. It's listed at \$11.95. You can buy it at your local bookstore or at www.doverpublications.com.

Community Outreach

PET-FRIENDLY GARDENING

By Linda Johnson

If you are a gardener AND a pet-lover, see tips below to enhance your garden for the mutual enjoyment of pets and humans. It is easy to combine the love of gardening with the love of pets, and to create a fun and harmonious environment for both to enjoy!

Pet-Friendly Plants

Prior to adding any plants to your garden or home, do some research and learn which plants may be toxic or pose other dangers to your pets. For example, Azaleas can cause stomach and abdominal pain in pets, and wild mushrooms can produce fatal toxins. Plants with prickles, spines and thorns present unnecessary backyard dangers as well. To select safe and non-toxic plants, visit www.asPCA.org/pet-care/poison-control/plants for plant lists, plant photos and other information.

Pet Safety in the Garden

Watering: Keep potted plants out of pets' reach; avoid using chemicals or pesticides in your water. If your pets drink from the flower pot/saucer, they may end up in the vet's office – or even worse!

Fencing: Keep pets safe by having a fence, which can protect them from exposure to neighbors' yards and possibly chemicals, pesticides and toxic plants.

Pathways: Dogs need exercise. Paths provide designated spaces as well as a venue to perform their perceived job – to patrol your property and keep out intruders. Provide a few feet along fences for a perimeter path to satisfy both needs. If dogs have already created paths through the garden, turn these well-worn routes into proper pathways.

Room for play: Grassy space is essential for pet play. Provide a swath of grass and they'll be less likely to run laps through your vegetable garden. For cats, plant a "cat garden" using catnip and catmint, plus some grass to chew on.

Shade and shelter: Give pets a deck or a patch of lawn for sunbathing. Also, provide cooling retreats so they don't get over-heated, such as arbors, pergolas, and other shade structures.

Pet waste: Lawns and flowerbeds do not need to be pet toilets. Set aside a corner of the yard as a toilet area; train your pet to eliminate there and nowhere else. (Consult a dog-training manual for instructions.) Cover the area with materials such as flagstone, pea gravel, bricks, and cedar chips – all of which are easy to clean and maintain.

Pesticides, fertilizers and other toxins: Tightly seal containers, and store out of pets' reach. Carefully follow instructions on the product's label. Be mindful of other not-so-obvious pet toxins (citronella candles, bug baits, flea products, pool and pond treatments, rodent traps, etc.) Consider your pets' habits when deciding if to use cocoa mulch: chocolate is poisonous to cats and dogs, but most pets won't eat enough cocoa mulch to get seriously ill. (See page 11 of the February 2011 newsletter for an article about this.)

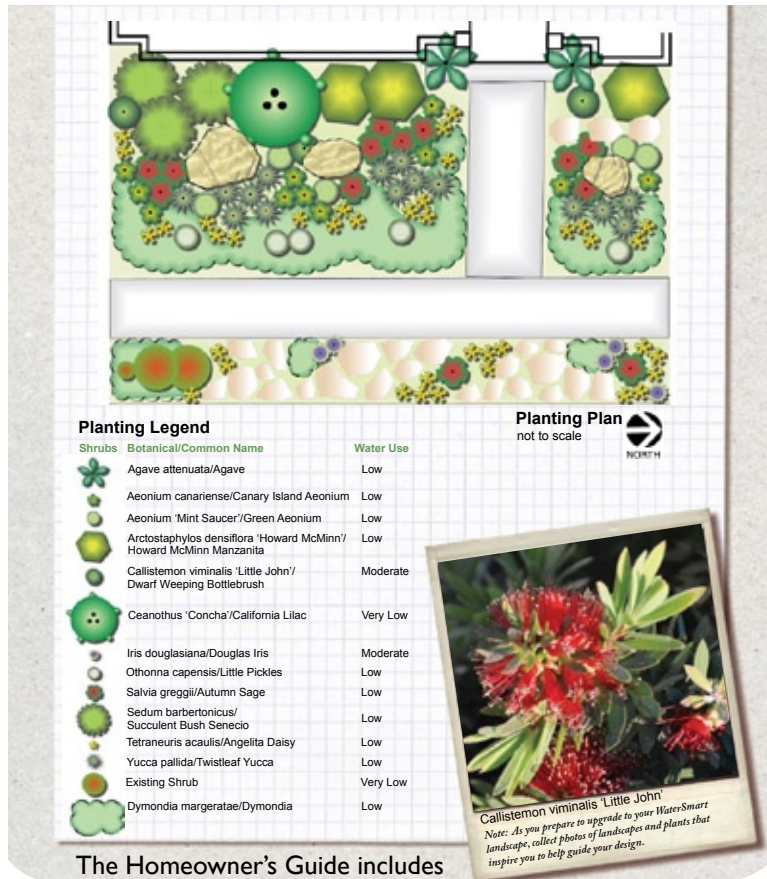
Compost: While food and garden waste make excellent additions to garden soil, they can also pose problems for pets. Coffee, moldy food and certain types of fruits and vegetables are toxic to dogs and cats.

Garden Tools: Rakes, tillers, hoes and trowels can be hazardous to pets and cause trauma to paws, noses or other parts of a curious pet's body. Rusty, sharp tools caked in dirt may also pose a risk for tetanus if they puncture skin. Store all unused tools in a safe area not accessible to pets.

Continued on page 13

Homeowner's Guide To A WaterSmart Landscape

The San Diego County Water Authority recently developed a step-by-step guide that offers do-it-yourself instructions for homeowners who want to convert their water-thirsty landscapes into more sustainable ones. The guide reflects the state's Model Water Efficient Landscape Ordinance standards and incorporates the basic DIPM principles of a WaterSmart landscape – water-efficient Design and Irrigation, climate-appropriate Plants, and best Maintenance practices.



The Homeowner's Guide includes this plant design case study.

The state's model landscape ordinance addresses the use of water budgets to establish a baseline for a landscape's water needs based on such factors as landscape area, local climate, irrigation efficiency, and plant water requirements. The guide discusses these water use calculations and provides worksheets to determine the maximum applied water allowance and estimated total water use for a proposed landscape.



The 44-page document is divided into six sections:

1. Identify your Landscape Target
2. Create a Basic Plot Plan
3. Test and Condition your Soil
4. Design your WaterSmart Landscape
5. Implement your Plan
6. Care for your WaterSmart Landscape

The guide includes a case study to illustrate the above steps and incorporates a project budget. It also includes a list of resources related to outdoor water conservation and a WaterSmart plant list.

To view and download this guide, please visit www.20gallonchallenge.com/pdf/landscape-guide.pdf.

New Landscape Architecture Program

NewSchool of Architecture and Design has opened the first landscape architecture program for bachelors and masters degrees in San Diego. The first cohort of Master of Landscape Architecture students entered the program last fall, and the first group of undergraduate students is expected in fall 2011. Understanding the role of plants in designing and planning for sustainable urban environments is a major part of the curriculum. Students take two required plant identification classes during their education; other plants courses are available as electives for students who want to more deeply explore the many values that plants provide, particularly within the urban context.

Landscape Plants I: Urban Forest was taught this winter by Paul Sirois, currently the urban forester and open space manager for the City of Chula Vista and past horticulturist and district manager of Balboa Park. Coursework is presented so that students are introduced not only to the plant species, but to the specific cultural challenges that urban and public settings present, such as compacted soils, inconsistent maintenance, and vandalism. Students visited Balboa Park and other local parks, took extensive walks through downtown neighborhoods, and visited numerous types of landscapes in San Diego. Throughout,

the importance of the urban forest for environmental and social well-being was stressed.

Another required course is Landscape Plants II: California Native Plants, taught this spring quarter by plant biologist John Messina. Interest in native plants from a horticultural perspective has been gaining more attention in recent years, as communities and property owners see the value of designing with drought-resistant and wildlife-friendly native species. Many class sessions are spent in the field where students learned not only the names and cultural habits of San Diego native plants but also their ecology and where in the landscape these species occur. In their future careers, students may be required to design projects adjacent to or even within some large natural areas. Field trips to some of these urban/wildland interface areas give students the perspective of edge effects from urban encroachment on wildlands as well as seeing some projects that have successfully "blended" into the natural landscape such as Mission Trails and Tecolote Canyon Interpretive Centers.

Please contact program chair Leslie Ryan at Lryan@newschoolarch.edu for further information.

Free Events

GREEN INFRASTRUCTURE: NEW TOOLS TO MEASURE THE VALUE OF SAN DIEGO'S URBAN FOREST

For landscape architects – this workshop introduces urban forestry sustainability and compelling tools for improving stewardship. Integrating complexities of art and science in their respective careers: our expert panel (ISA Certified Arborists Rivet, Rappoport, Sappington) mingles landscape architecture with arboriculture, horticulture, landscape contracting, metrics and ecology. This FREE workshop is offered on August 10 from 5:30 - 7:30 pm in Kearny Mesa by the California Center for Sustainable Energy. Register ASAP at www.energycenter.org/forestry; for more info contact Robin Rivet (858) 634-4741 or robin.rivet@energycenter.org. The California Center for Sustainable Energy is a non-profit organization dedicated to improving the energy performance of homes, schools and businesses.

GROWING FALL VEGGIES

Join Grangetto's Farm & Garden Supply and speaker Richard Wright for a FREE workshop (and BBQ) on "Growing Veggies this Fall." Richard Wright, owner of Edible Eden, will be conducting this workshop: learn what to plant, how to plant and how to care for them! This workshop is Saturday, August 27 at 189 S. Rancho Santa Fe Road, Encinitas 92024. Richard has 30 years experience in the landscape industry. He specializes in edible landscapes and design. The workshop is FREE with no need to register. For questions, call (760) 944-5777 or e-mail events@grangettos.com.

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GARDEN WORKSHOPS IN SPANISH

The University of California Cooperative Extension program is now offering Healthy Garden/Healthy Home workshops in Spanish! The August workshop is titled **¿Piensa cultivar sus propios alimentos? ¡Aprenda cómo ganarle la batalla a las plagas!** (Starting to Grow Your Own Food? Learn How to Win the Battle Against Pests!) The speaker is Lucia Villavicencio, Director, Center for Applied Horticultural Research. The workshop will be on August 27, from 10:00 – 11:30 am, at the Lakeside Community Center, Moreno Room, 9841 Vine Street, Lakeside, 92040. For more info call (858) 614-7629. ☘



Thank You Fair Volunteers

Every day during the San Diego County Fair our volunteer Horticulturists of the Day were on hand talking to Fair attendees about our garden and the adjacent garden of the San Diego Botanic Garden. Many thanks go to Pat Hammer for once again doing a superb job of organizing these volunteers. Their enthusiastic participation helped us to fulfill our mission "to promote the enjoyment, art, knowledge and public awareness of horticulture in the San Diego area, while providing the opportunity for education and research." Hats off to the other folks who helped organize this effort: Peggy Bruce and Peter Jones.

Our Horticulturists of the Day were Pat Amador, June Anderson, Terry Armstrong, Deb Batey, Patty Berg, Jim Bishop, Dorte Bistrup, Scott Borden, Linda Bresler, Peggy Bruce, Bette Childs, Sarah Clayton, Kathy Coogan, Susan D'Vincent, Mary Friestedt, Helena Gillmore, Karen Hancock, Robin Hermann, Eva Heuser, Fran Hinostro, Lin Holzinger, Alison Howard, Pat Huff, Peter Jones, Hilda & Neal King, Barbara & Ken Kubarych, Joy Lappe, Elaine Lawless, Shelly Lisker, Norma & Ron McAfee, Paula McDonald, Deb Micklesen, Charlotte Minter, Mary Lou Morgan, Sharon Muczynski, Anne Murphy, Al & Dora Myrick, Barbara Naas, Marilyn Nelson, Karen Norberg, Mo Price, Dale Rekus, Tom Rhodes, Steve Rose, Mary Roush, Sandy Sanquist, Anne Saxe, Cindy Sparks, Kitty Sparrow, Fran Spath, Ann Spindel, Linda Stewart, Paula Suttle, Phil Tackill, Laura Tezer, Susi Torre-Bueno, Cathy Tylka, Roy & Vonnie Varner, Kathy Walsh, Janet Wanerka, Janet Ward, Stephanie Williams, and Kay Worley. With about 1.5 million people attending the Fair this year, you know that our volunteers were busy answering questions. Many, many thanks – hope we didn't leave anyone out!

As you might imagine, breaking down our display garden at the Fair was a huge amount of effort. It was accomplished in just one day by our exceptional volunteers. Jim Bishop and Marilyn Guidroz, who designed the garden, did a terrific job of organizing the July 5th breakdown. Thanks to these interns and students from MiraCosta College for their help: Rachel Cox, Monica Ensign, Stephen Lague, Deborah Lockwood, Jake Minnick, and Kati Moch. We also want to thank Steve Hubert of the San Diego County Water Authority, Vero Boyer (who also helped with the garden design and signage), Kathryn Blankinship, Neal and Hilda King, Sue Ann and Bill Scheck, Linda and Winfield Wagner, Susan & Frank Oddo, Sam Seat, and Gary Vincent.

Soon we'll start planning our display garden for the 2012 Fair! If you're interested in joining the Events & Outreach Committee, please call Susi Torre-Bueno at (760) 295-2173. ☘

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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:

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John Beaudry
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 Teri Dacy
 Envision Landscape Studio, Navin Mostatabi
 Patricia Gold
 Jake Minnick
 Kati Moch
 Joseph A. Pagano
 Lisa Rini
 Rhonda J. Smoot

HORT BUCKS ARE GREAT!

Kudos to these members whose friends joined in 2011; 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.

| | |
|---------------------------|-----------------------------|
| Ann Beckett (1) | Barbara Komur (1) |
| Joyce Berry (1) | Amelia Lima (1) |
| Jim Bishop (1) | Cathy McCaw (1) |
| Alyson Breathed (1) | Susan & Frank Oddo (1) |
| California Mycorrhiza (2) | Paige Perkins (2) |
| Zephyr Carlyle (1) | Una Pierce (1) |
| Sharon Corrigan (1) | Barbara Raub (5) |
| Pat Crowl (1) | Sue Ann Scheck (1) |
| Cuyamaca College (1) | Jackie & Randy Schwartz (1) |
| Chris Drayer (1) | Pam Skirgaudas (1) |
| Kathy Esty (2) | Sue Toeniskoetter (2) |
| Margaret Grasela (3) | Susi Torre-Bueno (1) |
| Eva Heuser (1) | Pat White (1) |
| Pat & Willey Humphrey (1) | |

Discounts For Members

Get a 15% discount at Briggs Tree Co. (see page 9; tell them to look up the "San Diego Hort Society Member" account).

For the Grangetto's Preferred Savings Program go to www.Grangettos.com.

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: pisley@SDBGarden.org.

SEE THESE ADS FOR MORE DISCOUNTS: Barrels & Branches, Botanical Partners, Buena Creek Gardens, Cedros Gardens, Courtyard Pottery, IGS, Pacific Horticulture, Solana Succulents, Southwest Boulder & Stone and The Plant Man.

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LIFE MEMBERS

*Horticulturist of the Year

| | |
|--------------------------------|-------------------------------------|
| Chuck Ades* (2008) | Lois Kline |
| Walter Andersen* (2002) | Vince Lazaneo* (2004) |
| Norm Applebaum & Barbara Roper | Jane Minshall* (2006) |
| Bruce & Sharon Asakawa* (2010) | Bill Nelson* (2007) |
| Gladys T. Baird | Tina & Andy Rathbone |
| Debra Lee Baldwin | Jon Rebman* (2011) |
| Steve Brigham* (2009) | Peggy Ruzich |
| Laurie Connable | San Diego Home/ Gardens Lifestyle |
| Julian & Leslie Duval | Susi & Jose Torre-Bueno |
| Edgar Engert* (2000) | Don Walker* (2005) & Dorothy Walker |
| Jim Farley | Lucy Warren |
| Sue & Charles Fouquette | Evelyn Weidner* (2001) |
| Penelope Hlavac | Pat Welsh* (2003) |
| Debbie & Richard Johnson | Betty Wheeler |

CONTRIBUTING MEMBERS

Philip Tackill & Janet Wanerka
 René van Rems

What's Up at San Diego Botanic Garden?

San Diego Botanic Garden shines this August. The Garden will be immersed with talent during our annual **Garden Expressions** exhibit. For two days only, selected regional artists of all kinds – sculptors, painters, glass artists, potters, gourd artists, fiber artists, and more will be creating and selling their unique works throughout the Garden, much of it inspired by nature and the natural setting of the Garden.

To help celebrate the beautiful dynamic between art and nature we are honoring artist, environmentalist and humanitarian James Hubbell for his vibrant contributions to the world of art. This event is on Saturday, August 20 and Sunday, August 21 from 9am until 4pm. Join us on Sunday, August 21, at 1:30pm in the Ecke Building for James' presentation, "Gardens – the bridge between the Wild and the Order." Bring the family for your chance to participate in a community sculpture using recycled materials inspired by participating artist Rodney Rodrigo.

Take a stroll through the Garden and you are sure to stumble upon several one-of-a-kind sculptural creations throughout the lush and organic 37-acre setting. For the fourth consecutive year, San Diego Botanic Garden is proud to feature **Sculpture in the Garden**, with 52 sculptures strategically placed throughout the Garden. From now until April 16, 2012, 26 artists will present their sculptures set against the beautiful backdrop of dragon trees, fruit gardens, bamboo groves, and many more rare garden areas.

"We have been so pleased with the positive response from our visitors to see the sculptures displayed throughout the Garden," says Julian Duval, President and CEO of San Diego Botanic Garden. "Not to mention, our artists tell us they could not imagine a more magnificent backdrop for their artwork than the Garden." Take our interactive map to guide you through the Garden to see each unique piece. Whether you love paintings, sculptures or just the beautiful surroundings of the Garden, this weekend is surely the one not to miss.

Both events are FREE with paid admission or membership. www.SDBGarden.org



James Hubbell sculpture is located in the Garden.

Rachel Cobb

New E-Mail? 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 e-mail or address with anyone!

2011 Annual SDHS Community College Scholarship Recipients and Science Fair Winners

By Al Myrick

Every year your society awards \$1000 scholarships and 1-year SDHS memberships to students with horticulture-related majors at three of our local community colleges. The Fred B. Meyer Memorial Scholarship is awarded at MiraCosta College; the award given at Cuyamaca College is the Don and Dorothy Walker Scholarship; and that for Southwestern College is named in memory of Bill Teague. Each of the colleges selects an outstanding student whom they feel would best benefit from the financial award.

The MiraCosta College winner is Florence Scheft. Flo has completed 16 units with a perfect GPA and currently is enrolled as a part-time student. Both of her parents were avid gardeners and she grew up sharing their interest. During her fall semester, she completed an internship on campus caring for the Department's poinsettia crop from growth to holiday sales.

Jose Ton is the recipient of the SDHS's Bill Teague Memorial Scholarship for Southwestern College. Jose is pursuing a two-year AS degree in Landscape Architecture and is but a few classes away from his goal. He recently worked for a local irrigation supply store and has found that the green industry is where he should be. Jose frequently volunteers his time helping out in the South Bay Botanic Garden and also helping his instructors when lab activities are not quite finished. He plans to own his own business as a licensed landscape contractor.

Our Cuyamaca College Scholarship winner is Deborah Fehlberg, a native of the Spring Valley area. About eight years ago she discovered that horticulture was her true passion. For the past four years she has been a horticulture student at Cuyamaca. In her own words: "I feel so grateful and fortunate to be on this exciting... path. With only three more classes to complete, I will be earning certificates in Nursery Technology and Floral Design."

We are pleased to announce that all of our Community College Scholarship recipients, as well as our Science Fair winners (reported on in May) are scheduled to attend our August 8th meeting. We hope that you will be on hand to greet and congratulate them all, as well as to enjoy the presentations of the two Science Fair Projects by our winning students: Riley Nolan, Samhita Ilango, and Maylin Nishiguchi.



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Volunteer Coordinator Needed

Paula Verstraete has done an exceptional job as our Volunteer Coordinator, and we've always had plenty of cheerful and outgoing volunteers for all of our events. Paula's 3-year term as our Volunteer Coordinator is up in September, and we are seeking a replacement. She's put together an enthusiastic committee to help with the tasks needed, and she will be glad to help her replacement in any way to make this a smooth transition. Please contact Paula at pverstraete@cp-sandiego.com for more detailed information about what the coordinator's position entails. 🌿

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Become a Master Gardener



For the first time in two years, the County's Master Gardener program is seeking new recruits. Dedicated gardeners who are willing to volunteer in exchange for expert training can apply for a series of classes that begin in January. Applicants must be computer literate and have e-mail access. Daytime availability for training and volunteer activities is required and a history of volunteer service is desired. All classes are taught in English, but gardeners with bi-lingual skills are encouraged to apply.

Applications will be provided at an orientation meeting on Thursday, October 6, from 10 am to noon in the Balboa Park War Memorial building. To receive information on the 2012 MG class, visit www.mastergardenerssandiego.org and click on "Subscribe to Our E-Mail List."

Don't be put off by the title. Master Gardener doesn't mean genius gardener. MGs are equal parts experienced gardener, generous volunteer and lifelong learner. Membership introduces you to some 200 folks with a passion – for plants for sure, but not every plant. What you don't know about succulents, for example, another knowledgeable member of the group will, and will be glad to share.

Through the training course, monthly meetings and volunteer activities, you get to rub shoulders with friends in San Diego's enthusiastic gardening community. You become part of the local MG Association, over 25 years old, and in the process you will have a lot of fun.

Interested? You need to submit an application that details your gardening and volunteer experience. A group of current MGs then interviews candidates to select those invited to join. If you are invited and accept, you will begin on January 3, 2012 a training program of classes that meet from 9:30 am to 2:30 pm every Tuesday through the middle of June.

Topics range from basic botany to citrus culture and pest control. Class instruction is free but there is a \$180 materials fee. You don't have to know plant Latin, and there is a take-home exam that you must pass. When you have finished training, you will be certified as a Master Gardener Volunteer by the University of California Cooperative Extension.

In your first year after graduation, you are asked to donate at least 60 hours participating in various MG public education activities, including staffing the popular MG hotline. There you will field phone and email gardening questions from the public, an activity that is both a teaching and learning experience. Whether answering a hotline inquiry or staffing an MG booth at various events or mentoring a school gardening program, you will be sharing your love of home gardening and helping others. ☘

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Pacific Horticulture 2012 Tours

The San Diego Horticultural Society is a proud sponsor of the Pacific Horticulture Society (see ad on page 20), and they are putting the finishing touches on the PacHort 2012 tour schedule. Under development are trips to Kyoto, the Channel Islands, and San Miguel de Allende (combined with Patzcuaro and Guanajuato). Now open for reservations are an early spring tour to the South and an April adventure to the Balearic Islands in Spain. "Mallorca & Menorca: Gardens, Art and Cuisine" is a 10 day journey to these fascinating islands, hosted by Katherine Greenberg, past president of PacHort and the Mediterranean Garden Society. Guide Sofia Barroso will be along to give guests a true insider's look at the unique local art and culture.

"Gardens & Historic Houses of Savannah & Charleston" departs March 25 and offers walking tours, private garden visits, and memorable dining experiences with true southern hospitality. PacHort president Greg Graves will provide expert commentary during the trip, which will be escorted by SDHS member Scott Borden of SterlingTours, with incoming SDHS president Jim Bishop along as well. More information about these tours can be found online at www.pacifichorticulture.org/tours or contact SterlingTours at (800) 976-9497. 🌿

Community Outreach Continued from page 6

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Pet-Friendly Events

Cuyamaca Colleges' Water Conservation Garden is open late every Wednesday from 4pm-7pm and continues to offer the program *Dog Days of Summer!* For this special program, the Garden loosens its "no dogs" policy and invites visitors and their leashed canine friends to stroll the Garden on summer evenings; admission is free! Visit www.thegarden.org for more information.

The San Diego Humane Society offers classes on *Planting with Your=Pooch*. Contact: (61) 243-3424 or visit www.sdhumane.org. 🐾

Natives Continued from page 4

clevelandii 'Pozo Blue', which are larger, grayer, and more garden-tolerant. Hummingbird sage (***Salvia spathacea***) also tolerates clay and grows well as an oak companion.

A final group of sages are the ***Salvia sonomensis*** species and hybrids. These are all very low-growing groundcovers. The straight species is the lowest, tip-rooting form that is also somewhat temperamental. Hybrids include **'Bee's Bliss'** and **'Dara's Choice'**, which are susceptible to wilts. San Diego varieties of *S. sonomensis* may prove to be less problematic.

Member Greg Rubin is the founder and owner of California's Own Landscape Design, Inc. (www.calown.com) and a popular speaker. A specialist in the use of native plants in the landscape, he has designed over 500 native landscapes in San Diego County. 🌿

This column is written by you, our members! Each month we'll ask a question, and print your responses the following month.

The question for this month was:

What is your favorite gardening blog or website? (Suggested by Sue Martin, whose own blog is ediblegardenspointloma.tumblr.com.)

Lisa Bellora likes, "Nan Sterman's website: plantsoup.com."

Patty Berg shared this info: "Love them all but especially our own SDHS site, the GardenLife weekly news and Weidners' once a month newsletter. The SDHS site has great links to useful sites like the Master Gardeners – it's easy to start at SDHS and find yourself many cyber-miles away and wonder where that last half-hour went. GardenLife gives a nice perspective of gardening around California and the rest of the US. Weidners' offers a great local point of view for coastal North County along with Evelyn's charming and down-to-earth approach."

Marsha Bode wrote: "My favorite bog spot is that of Sheila Peterson, a master gardener and owner of two houses near the coast in Orange County. She is unique in that she takes the time to post almost every day so there is a good record of what grows and blooms in our area at different times of the year. The address is <http://gardensofpetersonville.blogspot.com>. Another favorite came to me from my sister who lives in Fayetteville, Arkansas. It is called Larripin Gardens and is notable for its excellent photography of plants and animals in her garden. She grows vegetables mostly but also discusses bees and chickens. The address is <http://ozarksalive.org/larripin>. Finally, a favorite blog that is not really a garden blog but is very interesting: Mendy Knott is a poet and the partner of Leigh, the author of Larripin. She has had a very interesting life and her poems are wonderful and not at all the usual thing. Check her out at <http://ozarkhillpoet.blogspot.com>."

Alyson Breathed recommended "Dirt du jour - Dirtdujour.com – it is brief, bright and shiny."

Sheila Dowe said, "My favorite gardening blog is The Gardens of Petersonville (gardensofpetersonville.blogspot.com). I think this is my favorite because the author is a Master Gardener, has two gardens, and speaks with authority (and humor!) about gardening. Another draw is that there are lots of great pictures, especially of beautiful roses and other water-loving plants I don't have in my dry garden. Years ago when water was much less of an issue, I had a small garden crammed with over 100 roses. Now I love succulents and lucky for me they fit into my water wise plans. So it's a bit of a fantasy, seeing such lush flowers in colorful and packed perennial beds. It's like taking an armchair trip to see English gardens! "

Devonna Hall told us: "I love Rosalind Creasy's blog at rosalindcreasy.com about edible landscaping. I also like Rebecca Sweet's blog at gossipinthegarden.com."

Kay Harry wrote: "I am not into blogging as yet. I don't do a lot of web searching, but my favorite web site right now is Weidners' Gardens. I enjoy the photos of the current plants, all the new events that are happening there and the author's fine sense of humor."

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Anne Murphy sent info about five blogs:
 Garden Rant.... www.gardenrant.com
 Studio G.... www.studiogblog.com
 Emily Green for L A Times.... chanceofrain.com
 Zone 10 Garden.... zone10newbiegardener.blogspot.com
 My California Garden in Zone 23.... earllysnowdrop.blogspot.com

Ryan Prange suggested two blogs: landscapeandurbanism.blogspot.com and thisisadesignblog.com

Meg Ryan likes: "Dave's Garden. There's a ton of information there. It's a wonderful resource. I tend to search for a plant, and then see if there is an entry from someone in a similar climate as my own about that plant. Even just knowing where the plant has been successful is great information and can make or break my decision to try a new plant in my garden. Those entries can also put my mind at ease if someone else has experienced the same thing as me with a specific plant. I use that website constantly. Visit davesgarden.com."

Enid Sherman appreciates "Debra Lee Baldwin's website: debraleebaldwin.com."

Robin Rivet told us, "Of course I have to promote this one! <http://ucanr.org/sites/gardenweb>. Although this University of California site is not specific to San Diego, the relevance of the material transcends region. Plus, most of the information is scientific peer-reviewed research, something that many gardening websites lack. There are many detailed links to informative pages, with topics as varied as fruit and nut tree care, understanding microclimates, practicing IPM or help planning landscapes for wildfire. Being an arborist, I can't help but also give honorable mention to www.ufe.org. This website can help you choose a better species of tree, resisting the temptation to 'go with what you already know.' San Diego County is blessed with a climate that can support many diverse species, and it is prudent to expand our tree choices with more unusual species. This website can help you pick appropriate trees with the attributes you are seeking."

Susi Torre-Bueno wrote that: "I start every day with www.dirtdujour.com. This free daily newsletter has fun and fascinating snippets about two garden-related things and shows up in my e-mail each morning (you can request this option). It's short enough to read in just a minute, and you can follow the links if you are interested. Topics range from the newest perennials to neighborhood feuds with weed whackers as weapons!"

There are several websites I go to for great advice about plants, including excellent photos. One is DavesGarden.com, which is written by passionate gardeners (you can be one of them!) and has too many valuable features to list here. Another is the website for the wholesale nursery San Marcos Growers (SanMarcosGrowers.com). A number of SDHS members and sponsors have swell websites worth visiting and/or periodic newsletters. If you're interested in veggies, our sponsor Renee's Seeds has a fine website which includes recipes and more (ReneesGarden.com). Check out www.theMulch.com (see ad on page 14); many of their experts are SDHS members. Anderson's La Costa Nursery sends out a monthly newsletter – visit AndersonsLacostaNursery.com to sign up. Our Horticulturist of the Year for 2003, Pat Welsh, has a website loaded with great articles and advice (www.PatWelsh.com), plus a swell blog.

Continued on page 16

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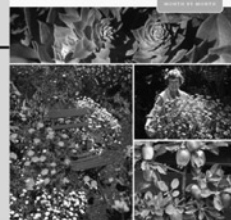
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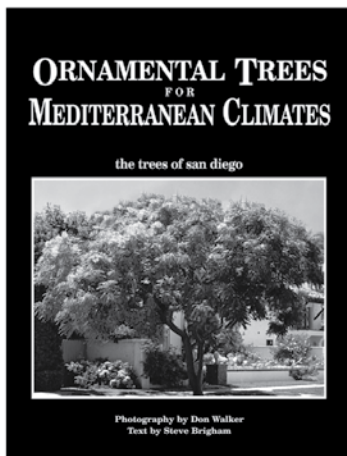
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Secrets Continued from page 15

Cindy Witt has a special reason to recommend one blog: "My favorite garden blog is *Plant A Garden - It'll Grow On You* at <http://plantagarden-itllgrowonyou.blogspot.com>. I'm the gardener; my partner is the blogger. She's also a researcher, photographer and writer who sees garden veggies, ornamentals, insect pests, beneficial insects and canyon critters through eyes different from mine. She's written about *Sex in the Garden* (zucchini blossoms, 7/7/11), *Squirrel Wars* (7/1/11), *Did Dr. Seuss Design This Plant?* (Leeks in bloom, 6/11), Monarch Butterflies (following Mona from caterpillar (*Co-Dependent to Caterpillars* 12/10), to chrysalis (*Mr. Up-Side-Down* - 1/11), to hatching and her first flight (*Houston, We Have Lift Off* - 1/11), and even about a smiley-face sunburn I once got while working on irrigation! She doesn't miss much."

Tynan Wyatt suggested three fine websites: "My favorite gardening website for most topics is GardenWeb.com. There are so many topics that the site covers, plus ongoing and archived discussions, and it is all laid out in an easily navigable format. Honorable mention websites are DavesGarden.com and CloudForestCafe.com."

Stephen Zolezzi said, "I really like Dirtdujour.com – so many publications, blogs and the like focus on areas of the country where the climate is very different from ours – especially amount of rainfall – it's nice to read about but not practical when you live in an arid zone like San Diego's. Dirt covers a wide range of plant topics so its always a surprise to see what's up for the day and it's published 5 times a week."

Many of our sponsors have websites with advice, photos, links, etc. Go to the Sponsor page on our website and click on our links.



The question for next month is:

What veggies have done the best for you this summer, and what veggies do you plan to plant this fall?

Send your reply by September 5 to info@sdhortsoc.org.

July Plant Display

By Sue Fouquette, Sheldon Lisker, Pat Pawlowski
and Susi Torre-Bueno

What is the Plant Display?

Each month members bring in plants, cuttings or flowers and put them on our display tables. What a great way to see what plants grow well in our area. All plants are welcome – EVERYONE is invited to participate. We encourage you to write descriptions similar to those below, and put them with the plant on the Plant Display tables.

Agastache mexicana 'Sangria' MEXICAN GIANT HYSSOP (Lamiaceae) Horticultural Hybrid

Agastache mexicana is a drought-tolerant perennial native to Mexico. Annie's Annuals' website describes this variety as follows: "Deliciously lemon scented pink-crimson salvia-like flowers are borne on 12" spikes on this wonderful garden-worthy Hyssop. It makes a nice bushy plant 2'-3' tall & only 1' wide so you can squeeze her in anywhere. Not

only that, but you get bees & hummingbirds & young leaves you can eat or make tea out of! EASY!" Other sources put the size as 2-4' tall x 1-2' wide. Full sun, good drainage. Is supposed to bloom summer to fall, but mine started blooming in early January. (Susi Torre-Bueno, Vista, 7/11/11) – S.T.B.

Aloe distans JEWELLED ALOE (Aloaceae) South Africa
With umbrella-shaped flower heads of long, tubular coral flowers in summer, this drought-tolerant aloe is a knockout in the garden! The website for San Marcos Growers (www.smgrowers.com - a very wonderful resource) describes it like this: "A sprawling aloe that crawls along the ground or climbs up over rocks or other obstacles with long trailing stems bearing blue green leaves tipped with a tight rosette of these leaves, which are about 5 inches in diameter; that have golden spines on the margins. The plants suckers along its stems so that the many outwardly moving heads radiate many feet out from the center – the largest we have seen was about 10 feet across. Older stems are bare near the center showing silver gray stems clinging to the ground. In mid-summer to fall appear the capitate heads of coral tubular flowers." Grows best in full sun to light shade; hardy to the low 20s° F. (Susi Torre-Bueno, Vista, 7/11) – S.T.B.

Anemopsis californica YERBA MANSA (Saururaceae)
California, Nevada, Texas, Mexico

This stoloniferous perennial herb is common to wet places and spreads by runners. It blooms from March to September with coneflower-like white bracts. Okay as a cut flower. According to *A Field Guide to the Common and Interesting Plants of Baja California*, by Jeanette Coyle and Norman C. Roberts, "This perennial herb, which grows in wet soil, has a creeping rootstalk that gives rise to new plants vegetatively. The basal, elliptic-oblong leaves are from 4 to 18 cm. long, varying in color from green to purple. The numerous flowers are arranged in a dense, conical spike subtended by five to seven white bracts giving the appearance of a single flower. These bracts become tinged with purple as they age. Yerba mansa is found in wet alkaline areas throughout Baja California. ... The roots of this herb when dried have a peppery smell. They are chewed raw to relieve ills of the mucous membrane and used as a powder on wounds. A tea or wash may be made from the roots to heal skin diseases, cuts, bruises, sores, indigestion, and asthma." (Sue Fouquette, El Cajon, 7/11) – S.F.



Stan Shebs

Eriogonum giganteum ST. CATHERINE'S LACE
(Polygonaceae) California

This evergreen shrub grows to 8 feet tall and wide. In summer it has large inflorescence up to 2' wide. These white flower clusters are good in bouquets and also dry well, becoming a nice brown hue. The plant is found only in California. (Sheldon Lisker, Temecula, 7/11) – S.L. & S.T.B.

Rhamnus crocea SPINY REDBERRY (Rhamnaceae)
California, Arizona

This drought-tolerant evergreen shrub isn't really spiny – touching it won't hurt you. Native to San Diego County, it has cream-colored flowers followed by red berries in the summer. Birds love the showy pea-sized berries, and although they were eaten by some Native Americans the berries may be toxic to people. It is a host plant for the endangered Hermes Copper Butterfly, and can grow to 6' x 6'. (Pat Pawlowski, El Cajon, 7/11) – P.P. & S.T.B.

Continued on page 18

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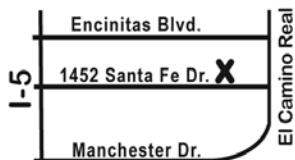


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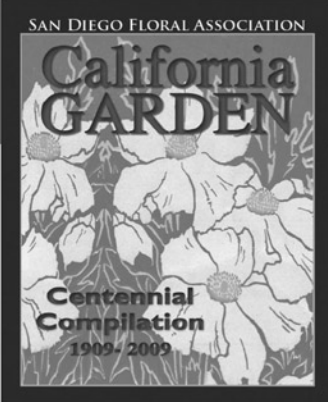



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Eriogonum giganteum

Rhamnus crocea

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 June newsletter was *Salvia orangina* JUICE-SCENTED SAGE.

Anisacanthus quadrifidus 'Mexican Flame' MEXICAN HONEYSUCKLE (Susi Torre-Bueno, Vista, 7/11)

3 *Billbergia nutans* (2 forms) QUEEN'S TEARS (Sue Fouquette, El Cajon, 7/11)

3 *Caesalpinia pulcherrima* PRIDE-OF-BARBADOS, DWARF POINCIANA (Susi Torre-Bueno, Vista, 7/11)

3 *Lochroma cyaneum* 'Royal Blue' (Susi Torre-Bueno, Vista, 7/11)

3 *Lochroma kateandharrium* 'Royal Wedding' (Plant Lover, Vista, 7/11)

Lilium 'Stargazer' STARGAZER LILY (? , 7/11)

Senecio fulgens (= *Kleinia fulgens*) CORAL SENECIO (Cathy Tylka, Escondido, 7/11)

Paphiopedilum seedling (*P. gardineri* x *P. philippinensis*) SLIPPER ORCHID (Charley Fouquette, El Cajon, 7/11)

Paphiopedilum (*P. Somers Isles* x *P. philippinensis* var. *alba*) SLIPPER ORCHID (Charley Fouquette, El Cajon, 7/11)

Passiflora pinnatistipula PASSION FLOWER, GULUPA MARACUYÁ (Art Henning, Carlsbad, 7/11)

3 *Sinningia tubiflora* (Susi Torre-Bueno, Vista, 7/11)

Tecoma 'Orange Jubilee' (Susi Torre-Bueno, Vista, 7/11)

HOW TO READ THE PLANT DISPLAY ENTRIES

[1] **Pastryus dulcis** [2] **'Cheerio'** [3] DONUT PLANT ([4] Pastryaceae) [5] 7-Eleven to Vons [6] This fast-growing annual produces copious quantities of distinctive edible fruit that is circular in shape with a central hole. The fruit resembles a donut, from which the common name derives. Provide ample moisture. ([7] Betty Crocker, San Diego, 5/96) — [8] K.M.

[1] Latin name (*Pastryus dulcis*); **bold** names indicate plants with full descriptions.

[2] Cultivar ['Cheerio']

[3] Common Name [DONUT PLANT]

[4] Family [Pastryaceae]

[5] Distribution [7-Eleven to Vons]

[6] Description, comments, cultural directions [This fast-growing...]

[7] Name and city of member, date plant displayed [Betty Crocker, San Diego, 5/96]

[8] Initials of person who wrote description [K.M.] —

July Meeting Report

Having thoroughly enjoyed our July meeting, it's obvious why our speaker Maureen "Mo" Gilmer is such a popular lecturer – she's got great stories to tell, and she tells them well. What also helped endear Mo to us was that one of her opening photos was greeted with a delighted shout from the audience. "That's my great-grandmother!" said a surprised Charley Fouquette, who is an 11th-generation San Diegan, of an old photo of a woman completely dwarfed by the opuntia cactus she was standing next to. Early in her career, Mo's mentor was horticulturist Milton Sessions, the nephew of Kate Sessions, whom we revere as the "grandmother of Balboa Park." Talk about local relevance!

Mo told us many stories about plants found in California, both native plants and others that were introduced either intentionally or accidentally. Native Americans, of necessity, had a myriad of uses for our native flora, including food, medicine, rope, clothing, baskets, and building materials. The red bark of *Cercis occidentalis*, the Western Redbud, was used for a decorative element in woven baskets, and became a valuable trade item. The plants were carefully burnt down to force "stump sprouts," or twigs, from which the bark was harvested.

At old cemeteries, abandoned homesteads, aged missions and elsewhere, the old roses still thriving without any care are the descendants of roses brought by the earliest white settlers. These "remnant roses" do well over remnant septic tanks (which can still hold water despite their decrepitude) and continue to bloom notwithstanding complete neglect. Some varieties, such as *Rosa damascena*, go back to ancient Roman times.

As early as the 1500s, and continuing for centuries, there were merchant ships from the Philippines which sailed a regular route from there to the Ft. Bragg area, and then southward before returning home. These "Manila galleons" transported all manner of goods, bringing plants, fine China, horses, and much more to the California Coast. From here they took cow hides back with them to Manila. Many people think that some of the California mission plants may have arrived in this manner and not with the missionaries. Mo noted that camellias at abandoned homes near Ft. Bragg likely were brought on the galleons.

Phytolacca americana

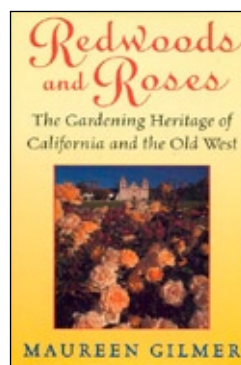


Plants from foreign shores also arrived (in the form of seeds) in ship ballast and attached to animal skins (as burs). Mo told of seeing Tower-of-Jewels (*Echium wildpretii*) in the coastal town of Mendocino, where it self-seeds and thrives on natural rainfall alone. This pink-flowered relative of the more commonly-seen Pride of Madeira (*Echium fastuosum*) was likely planted in Victorian times. Mo thinks that the California Pepper Tree at the Mission San Luis Rey may have arrived as seeds in the pocket of a sailor, who gave them to the padres. This enormous tree, which is native to South America, was planted at that mission around 1850, and seed from this tree may be the source of all the other very old specimens in California.



Echium wildpretii

Not all the plants brought to California in the early days of white settlement were species we appreciate today. Scotch Broom (*Cytisus scoparius*) is very invasive here. Originally used as a "stuffing in boxes of whiskey during the gold rush days," this European native was, "the bubble wrap of the 19th Century." Poke Weed (*Phytolacca americana*) is mostly poisonous, although the young leaves may be eaten. It has been outlawed in the wine country, where unscrupulous vineyards (who probably imported it) once used its toxic juice to color wine that wasn't the correct hue. The plant's berries are the source of good ink, which might have been used to write the U. S. Constitution and were certainly used by soldiers writing letters during the Revolutionary War.



Maureen generously donated to the SDHS library copies of two of her books: *Redwoods and Roses* (which has many more stories about early California gardening) and *Palm Springs-Style Gardening* (full of luscious photos and advice about low-water gardening). We encourage you to borrow them soon. Also, visit Mo's website, www.MoPlants.com, which is loaded with great info and FREE e-books!

Thanks a bunch, Maureen, for a terrific talk and some marvelous insights into the heritage of the plants we see every day. See page 16 for the names of those who generously donated to our Opportunity Drawing. 🌿

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Garden Expressions

Featuring Selected Regional Artists

August 20 and 21, 2011 • 9 am – 5 pm



The Garden will be buzzing with selected regional artists of all kinds—sculptors, painters, glass artists, potters, gourd artists, fiber artists, and more—creating and selling their work, much of it inspired by nature.

To help celebrate this wonderful dynamic between art and nature we are honoring **James Hubbell** for his amazing contribution to the world of art.

Please join us on **Sunday, August 21, at 1:30 pm** in the Ecke Building for his presentation, “Gardens—the bridge between the Wild and the Order.”

Everyone is invited to participate in a community sculpture using recycled materials inspired by participating artist Rodney Rodrigo.

Cost: Free with membership or admission to the Garden.

www.SDBGarden.org





Courses and Careers in Horticulture CUYAMACA COLLEGE

ORNAMENTAL HORTICULTURE FALL 2011 CLASS SCHEDULE AUGUST 22, 2011 - DECEMBER 16, 2011

| <u>Course Name</u> | <u>Instructor</u> | <u>Day/Time</u> |
|------------------------------------|---|----------------------------|
| Xeriscape – Water Conservation | Schultz | T 3:00 – 4:50 pm |
| Floral Design II | Citrowske | M 4:00 – 8:50 pm |
| Wedding Design II | Butler | T 4:00 – 8:50 pm |
| Fundamentals of OH | Schultz | M 5:00 – 6:50 pm |
| | Sat 8/27, 9/17, 10/1, 10/15, 10/29, 11/12, 12/3 | 8:30 am – 3:20 pm |
| Plant Materials: Trees & Shrubs | Schultz | W Noon – 2:50 pm |
| Plant Materials: Trees & Shrubs | Schultz | W 4:00 – 6:50 pm |
| Landscape Drafting | Holladay 8 Weeks 8/29-10/22 | M 5:00 pm – 9:45 pm |
| Intro to Landscape Design | Holladay | T 5:00 – 9:50 pm |
| Annuals & Perennials | Rottke | M 2:00 – 4:50 pm |
| Advanced CAD Landscape Design | Sumek | F 12:00 – 3:05 pm + online |
| Principles of Landscape Irrigation | Monroe | W 5:00 - 9:50 pm |
| Greenhouse Plant Production | Palafox | T 5:00 – 6:50 pm |
| | Sat 9/10, 9/24, 10/8, 10/22, 11/5, 11/19, 12/10 | 8:30 am – 3:20 pm |
| Landscape Water Management | Schultz | TH 1:00 – 4:50 p.m. |
| Sustainable Urban Landscapes | DeLorenzo | TH 5:00 – 6:50 p.m. |
| Urban Forestry | Rottke 5 Weeks 8/22 – 9/24 | Th 5:00 – 6:50 pm |
| | Sat 9/10, 9/24 | 8:00 am – 2:25 pm |
| Arboriculture and Palms | Simpson 5 Weeks 9/26 – 10/29 | Th 5:00 – 6:50 pm |
| | Sat 10/8, 10/22, | 8:00 am – 2:25 pm |
| Tree Surgery and Special Pruning | Rottke 5 Weeks 10/31 – 12/10 | Th 5:00 – 6:50 pm |
| | Sat 11/5, 11/19 | 8:00 am – 2:25 pm |
| Business Management for OH | Switzer | W 7:00 – 9:50 pm |
| Cooperative Work Experience | Butler | Hours To Be Arranged |

Cooperative Work Experience Required Orientation Friday, 8/26 5:00 pm in M-111

FOR ADDITIONAL INFORMATION CALL (619) 660-4262 or

VISIT THE ORNAMENTAL HORTICULTURE WEBSITE

www.Cuyamaca.edu/ohweb

APPLY AND REGISTER ONLINE AT THE CUYAMACA COLLEGE WEB SITE

www.Cuyamaca.edu



**15th Annual Aggie Open
Golf Tournament
Bonita Golf Club
Friday, October 21, 2011**

**Reserve Early
Sold Out in 2010**

To benefit the Cuyamaca College Ornamental Horticulture &
Cuyamaca College Botanical Society

10:30 a.m. Registration

12 Noon Tee Time

**For More Information Contact: Brad Monroe 619-660-4261
Or Online at: www/Cuyamaca.edu/ohweb**



**Cuyamaca College
Ornamental Horticulture Department Orientation**

Majors include:

Sustainable Urban Landscapes ~ Irrigation Technology ~ Landscape Technology ~ Arboriculture
Golf and Sports Turf Management ~ Landscape Design ~ Nursery Technology ~ Floral Design

Wednesday, August 17, 2011 ~ 6:00 – 8:00 p.m.

Cuyamaca College ~ Room M-111

900 Rancho San Diego Parkway ~ El Cajon, CA 92019

For more information, please call John Thomas at 619-660-4262

Or visit us online at Cuyamaca.edu/OHweb

**The free presentation is open to everyone, including new and continuing students.
Meet the professors, find out about classes, careers, job opportunities, and the
Ornamental Horticulture Program at Cuyamaca College.**

MIRACOSTA COLLEGE

HORTICULTURE / FALL 2011

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 fall 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 22

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 17, 5-7 PM

MiraCosta College Horticulture Building, Room 7001

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

Horticulture Department Plant Sales

EVERY MONDAY, WEDNESDAY & FRIDAY
9 AM-2 PM Closed college holidays.

MiraCosta College Horticulture Department

1 Barnard Drive, Oceanside

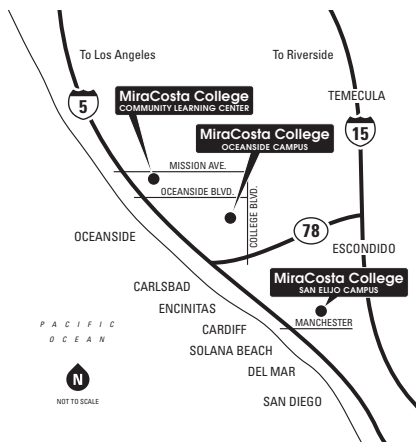
Parking available in lot 7A, no permit required.

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!

Let our knowledgeable staff 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 contact the nursery staff at
hortmail@miracosta.edu or **760.757.2121, x6994**



MiraCosta College, Oceanside Campus

1 Barnard Drive, Oceanside, CA 92056

MiraCosta College, San Elijo Campus

3333 Manchester Avenue, Cardiff, CA 92056



MiraCosta College Credit Courses / Fall 2011

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 #
2523 M 10:00am-2:45pm FAIRLEIGH 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 #
1729 TH 5:00pm-9:45pm FAIRLEIGH 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 #
1731 MW 12:30pm-3:15pm KINNON C 4.0 OC7053
1733 TTH 12:30pm-3:15pm MESSINA J 4.0 OC7053
1735 MW 5:00pm-7:45pm BENDER G 4.0 OC7053

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 #
1737 M 6:00pm-8:45pm EHRLINGER C 3.0 OC7051
&ARR SAN406
+4 hours 30 mins every other Saturday from 8am-12:30pm beginning 9/3 at the San Elijo Campus in room 406.

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 #
1749 T 6:00pm-8:30pm JUNCAL D 3.0 OC7053
&S 8:00am-10:30am PALAT M OC7053

HORT 126 Landscape Irrigation

Covers site analysis, design, engineering, installation, and maintenance of landscape sprinkler and drip systems. CSU

OCEANSIDE CAMPUS Room #
1739 T 5:00pm-9:45pm 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 #
1755 W 10:00am-2:45pm FAIRLEIGH 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

OCEANSIDE CAMPUS Room #
1747 TH 5:30pm-7:15pm CONGER D 3.0 OC7051
&ARR OC7001
+ 6 hours every other Saturday from 8am-1:45pm beginning 8/28.

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 #
1751 T 6:00pm-7:45pm KINNON C 3.0 OC7001
&S 8:00am-10:45am 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 #
1746 F 6:30pm-9:15pm 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 #
2525 W 6:30pm-9:15pm 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 #
1745 M 6:30pm-9:05pm HART J 1.5 OC7001
& STEHLI A
&ARR
THIS IS A LATE-START CLASS, (09/12-11/14)
+10 hours arranged on two Saturdays between 9/12 and 11/14.

HORT 171 Floral Design I

(Materials Fee: \$200.00) Theory, techniques, and skills practiced in the floral design industry. Instruction in basic design principles, cut flower preparation and care, merchandising and packaging. CSU

OCEANSIDE CAMPUS Room #
1741 TH 5:30pm-9:15pm 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 pending
PREREQUISITE: HORT 127.

OCEANSIDE CAMPUS Room #
1753 W 5:00pm-9:45pm FAIRLEIGH M 3.0 OC7051

HORT 299P(3.0) Occupational Cooperative Work Experience (Paid)

This course is for students employed in a job directly related to their major 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 75 hours of paid work per unit.

Enrollment Limitations: Instructor & dept. chair approval; may not co-enroll in any combination of work experience and/or internship studies.

+1758 ARR STAFF 3.0

NOTE: To receive instructor consent and permission number, students must submit employer contact information. Go to www.miracosta.edu/dataform or the Career Center in Building 3700, Oceanside campus, to complete the form. Questions? Call 760.795.6772.

THIS IS A LATE-START CLASS, (09/06-12/17).

What's Happening? for August 2011

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

Anderson's La Costa Nursery & Garden Design Center

- ♦ Full Service Nursery & Garden Design Center
- ♦ Over 200 Running Fountains
- ♦ Trees, Shrubs, Vines, Succulents
- ♦ Huge Greenhouse For Indoor Plants
- ♦ Large Selection of Pottery & Statuary
- ♦ Benches & Trellises
- ♦ Professionals to Answer Your Questions
- ♦ Exquisite New Gift Shop

.....Expect the Unusual



www.AndersonsLacostaNursery.com

Hello to all and welcome to our August garden tips update.

Here's a little taster of what's new -

Starting in the Secret Garden this morning - Looking particularly nice are

- ❖ Zucchini, Parsley, Swiss Chard, Rosemary, Spinach, Chinese Leek, Peppers, Salad Mix 'cut and come again', French Tarragon, Cilantro, Strawberries, Tomatoes, Dark Opal Basil and Thai Basil.
- ❖ Stevia - sweeter than sugar and calorie free - great for sweetening a nice cool iced tea.
- ❖ Bay Laurel - Best known as a seasoning, bay laurel is an evergreen shrub or tree that is native of the Mediterranean area. Although bay can grow into a tall tree, it is often kept smaller by pruning or by confining it in a container. In the spring, bay has small yellow flowers that develop into purple berries in the fall - but you can't beat fresh bay leaves in your cooking.

We're a little twixt and 'tween seasons for bedding annuals, the cool season ones like Pansies aren't too far off, and it's getting late for Petunias, so we've gone heavy on the **bedding perennials**. Some beautiful samples from local growers:

- ❖ Coreopsis lots of shades 1 gallon size
- ❖ Celosia - deep reds and fuchsia colors in 6" pots
- ❖ Frothy white ethereal Euphorbia 'Diamond Frost'
- ❖ Beautiful Ivy Geraniums
- ❖ Lantana 'Desert Sunset' - striking yellow and reds
- ❖ Vinca - In 6 packs - they love the heat
- ❖ Lisianthus - tall and gorgeous in lavender, pink and purple
- ❖ Mandevilla - tough and beautiful - in 4" pots.

Some other terrific plants:

❖ **Jatropha integerrima** (Peregrina) 'Spicy Jatropha' - This dense rounded evergreen shrub grows 7-10 feet tall and to almost tree-like proportions with age in frost free climates. The leaves, green and velvety on upper surface and flecked with purple below. Deep red flowers with yellow stamens bloom on branched clusters in the summer and sporadically year round. It performs best in full sun in frost free locations, but will grow in light shade and go semi deciduous in colder locations. Attracts butterflies and hummingbirds.

Continued on other side



We're on Facebook! "Like" us for info and news as it happens. You'll find us under Andersons La Costa Nursery.

The Water Conservation Garden

Details/registration at (619) 660-0614 or www.thegarden.org
Aug. 31, 9:00am-noon, Nature's Tiny Treasures - Succulent Craft Class: Docents will guide you and supply plants and materials for your own unique succulent planter. You provide a tiny container to fill with beautiful succulents. Please register early to secure your space! Members/\$10, Non-Members/\$20. Online pre-registration and payment is required.

San Diego Botanic Garden

See page 10 for more upcoming events

Details & registration at www.sdbgarden.org or (760) 436-3036

August 6, 10am-noon, How to Install a Laundry to Landscape Greywater Irrigation System: Understand the rules to follow in the California plumbers code to build a safe, reliable, gravity based system. Members \$25, non-members \$30. Register by August 3.

August 27, 10am-noon, New Plants for Southern California: Some exciting plants for our dry landscapes. New to Southern California, these plants have been successfully used in low-water areas like Arizona. Plant sale follows. Members \$10, non-members \$12. Register by August 24.

Alta Vista Gardens

See www.AltaVistaGardens.org for upcoming events.

Walter Andersen Nursery FREE Saturday Classes:

9:00am Point Loma Nursery

- Aug. 6 Interior Plants
- Aug. 13 Gardenias & Hibiscus
- Aug. 20 Shade Gardens
- Aug. 27 Bonsai

9:30am Poway Nursery

- Attracting Birds to your Yard
- Attracting Butterflies & Hummers
- Irrigation for Edibles
- Cactus & Succulents

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

Evergreen Nursery FREE Seminars

Aug. 6, 10am - How to Save on your Water Bill

Learn how to save time and money with low-water plantings and proper irrigation practices, lawn substitutes, and landscape design.

Carmel Valley and Oceanside Nurseries (see map on page 2)

Details at www.evergreennursery.com/seminar-schedule-2011

Cedros Gardens, Saturday 10am classes:

- Aug. 6, 10-11am or Aug. 7, 11am-noon: **FREE** Mid-Summer Herb Class
- Aug. 13, 10-11am or Aug. 14, 11am-noon: **FREE** Summer Garden Care
- Aug. 20, 10-11am or Aug. 21, 11am-noon: Making Succulent Containers

Details at www.cedrosgardens.com; address in ad on page 17.

Grangetto's Farm & Garden Supply FREE Workshop

Aug 27, 10-noon, Growing Fall Veggies, Encinitas store
See page 8 for details

Details at www.grangettos.com; see ad on page 21.

August 3, 9-11am, Solana Center Free Class: Dig Into Gardening. Becoming a Dirt Detective, Learn how to use compost, starting seeds and inspecting and managing a worm bin. 137 N. El Camino Real, Encinitas. To register call (760) 436-7986 x225 or see solanacenter.org.

August 6, 9-11am, Solana Center Free Class: Healthy Habitats. Understand the importance of diversity and interconnections in a healthy habitat. Location, contact info - see Aug. 3.

August 6, 10am-4pm, Fullerton Arboretum Tomato Tasting & Sizzlin' Summer Salsa Contest: Bring out your best tomatoes and pit them against other gardeners. Use your homegrown tomatoes and peppers to craft a salsa in 3 categories. 1900 Associated Road, Fullerton; see fullertonarboretum.org.

August 6, 1-5pm, San Diego Rose Society FREE

GARDEN TOUR: Four gardens: 13003 Avenida La Valencia, Poway; 969 West Fifth Ave., Escondido; 3291 Old Oak Tree Lane, Escondido; and 750 Chaparral Lane, Escondido. Followed at 5-7pm by dinner at the Martins. \$15. Reservations for dinner due by Aug. 3; call Dona Martin at (760) 317-5894. Checks should be payable to SDRS. See sdrosesociety.org for more info.

August 8, 6:00pm

Creating & Keeping a Sustainable Landscape

See page 1

August 9, 9-11am, Solana Center Free Class: Groceries from the Garden. Discover the delicious world of garden produce. Location, contact info - see Aug. 3.

Aug. 10, 5:30-7:30pm, Center for Sustainable Energy FREE Workshop: New Tools to Measure the Value of San Diego's Urban Forest. **See page 8.** Register at www.energycenter.org/forestry. Info: Robin at (858) 634-4741 or robin.rivet@energycenter.org.

Aug. 13, 10:30am-noon, Garden Lecture on Dragonfruit & Tasting: Free. Sunshine Care, 12695 Monte Vista Road, Poway. Call (858) 752-8197 for info and to RSVP.

Aug. 14, 12:30pm, American Begonia Society Annual Picnic and Garden Tour: Bring food for a pot luck. Tour will be after meeting and pot luck. Open to the public. 467 E. Fulvia, Encinitas. Info: (760) 815-8914 or marla.keith@cox.net.

Aug. 20 (12-5pm) & 21 (10am-4pm), Fern Society Show and Sale: Come early both days for the best selection of ferns for sale. Balboa Park Casa Del Prado, Room 101. See sandiegofernsociety.com.

Aug. 23, 5:00-7:30pm, Solana Center Free Class: How to Start and Sustain a School Garden Program. Four consecutive Tuesdays. Location, contact info – see Aug. 3.

Aug. 27, 9am-3pm, South Bay Green Scene: Annual show with plant vendors, garden clubs, sustainable vendors, garden talks, kids' zone, raffles, and new this year a "green elephant sale." Admission and parking are free. Southwestern College, 900 Otay Lake Rd. Chula Vista. Info: (619) 752-5922 or GreenSceneatSBBG@yahoo.com.

Aug. 27, 10:30am-noon, Sunshine Care Garden Free Lecture: Patrick Anderson on Succulent Gardens & Patio Container Cardens. 12695 Monte Vista Rd. Poway. Call (858) 752-8197 for info and RSVP.

Aug. 27, 10:00 – 11:30am, FREE Garden Lecture in SPANISH: Healthy Garden/Healthy Home workshops in Spanish! The August workshop is **¿Piensa cultivar sus propios alimentos? ¡Aprenda cómo ganarle la batalla a las plagas!** (Starting to Grow Your Own Food? Learn How to Win the Battle Against Pests!) Speaker is Lucia Villavicencio, Director, Center for Applied Horticultural Research. Location: Lakeside Community Center, Moreno Room, 9841 Vine Street, Lakeside 92040. For more info call (858) 614-7629.

Resources & Ongoing Events

ALTA VISTA BOTANIC GARDENS: Open Monday-Friday 7:00-5:00 ; 10:00- 5:00 on weekends. 1270 Vale Terrace Drive,Vista. For info see avgardens.org or call (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 .

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 So. 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. Open Friday–Wednesday, 10am to 4pm.

Botanical Library. Room 105, Casa del Prado, Mon.-Fri. and first Sat., 10am-3pm, (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, (619) 235-1122.

S.D. 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

GardenLife Radio Show (national). Saturday from 8-9am and Sunday from 8–10am. KCEO 1000AM radio, hosts Bruce and Sharon Asakawa, John Bagnasco. Call-in questions: 866-606-TALK. **If your local station does not carry GardenLife, hear it streaming live on lifestyletalkradio.com.** GardenLife shows are also archived at lifestyletalkradio.com

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.

❖ *Pentas lanceolata* - these will certainly attract hummingbirds and butterflies, in white, red and pink. Will bloom spring thru fall up to 2ft tall and wide.

❖ *Cuphea ignea* 'Cigar Flower' 'Firecracker' plant.. Hot bright color throughout the summer. One of the Top Ten hummingbird plants. Gets to 3ft tall and wide. Sun, regular water.

❖ *Tibouchina heteromalla*. The Silver Leafed Princess Flower bush can grow to 6 feet tall and about 4 feet wide. The spectacular clusters of flowers at the tips of the branches during spring and summer are spectacular. The fuzzy leaves are interesting enough to keep the plant year round as a feature.

We got an interesting selection of Leucadendron and Protea in (some are about to bloom...others we'll have to wait till late winter/spring)...here are just a couple...

❖ *Leucadendron 'Safari Goldstrike'* (Yellow Conebush) - This is a vigorous, compact grower to 6 feet tall. The flowers are bright clean yellow bracts on vigorous long stems during winter and spring. This is an excellent candidate for cut flower and foliage harvesting. Prune well after flowering to ensure a sturdy plant.

❖ *Leucospermum cordifolium* 'Yellow Bird' (Nodding pincushion) - This is an attractive shrub up to 4 ft. tall and 7 ft. spread. It produces gray-green leaves and yellow, distinctively dome-shaped flowers that last for a prolonged period in the spring. It does best in the full sun. It is drought tolerant once established

Some August thoughts for your gardens:

❖**Hydrangeas:** After hydrangea flowers have faded dead-head blooms and feed with organic Azalea and Camellia food. New wood will spring from these to bloom next year. On young plants don't cut back any green stems that haven't bloomed yet as these will also bloom again. To maintain blue tint use Aluminum Sulfate (Hydrangea Blue) with each feeding.

❖**Tuberous Begonias:** If you planted these in the spring they should be in full bloom now. These are heavy feeders so feed regularly with a balanced fertilizer.

❖**New Guinea Impatiens:** Need more light than other impatiens, and also plenty of water. Keep from wilting in hot weather by over watering into a saucer under the plants.

❖**Avocados:** Still a good month for planting avocados. Being sub-tropical plants, avocados prefer to be planted during the long warm part of the year.

❖**California Native Plants:** Be very cautious irrigating most of our native plants during the summer. Most of these are adapted to a winter wet – summer dry moisture cycle. Too frequent irrigations now (especially in soils with clay content) will certainly cause problems.

❖**Fuchsias:** Your plants should still be blooming well. Keep fertilizing regularly with a balanced fertilizer or one slightly higher in phosphorus to promote blooms. Proper watering becomes critical at this time of the year especially for those plants in hanging baskets.

❖**Lawns:** Remember, cool-season lawns (fescue, Marathon, ryegrass, bluegrass) should be mowed about half an inch higher in the warm months than in the cool months.

❖**Soil Care:** A garden begins with the soil. A thick layer of organic mulch should be maintained on top of the soil year-round. Mulch applied now will cool the root systems, reduce irrigations as much as half this summer, reduce weed growth, and improve both soil life and soil quality.

Remember, all San Diego Hort Society members receive 10% discount on all purchases (except items already on sale).

And we'd love to have you join us on our Facebook page for updates on interesting plants as they appear here at Anderson's La Costa Nursery.