

The University of California, Riverside Botanic Gardens UCRDBG Newsletter

Volume 35, Number 2 Summer 2015

Around the Gardens

*W*e have had a very busy spring in the Gardens. In April we hosted an Adult Education tour of the Gardens. **Will Broen**, a graduate of the Western United States at the School of Herbal Medicine in Oakland, California, led the tour, which was focused on the culinary and medicinal benefits of California native plants. He taught the group about plant usage, both traditional and modern; gardening tips; folklore; and the way plant survival mechanisms benefit us.

Then, also in April, the Friends group had a wonderful opportunity to tour the **UCR Citrus Variety Collection**, led by **Tracy Kahn** and **Thomas Shea**. Participants were able to sample delicious fruit, including newly-developed citrus varieties. Especially memorable was a sweet kumquat, a pummelo hybrid named 'Valentine', and a mandarin named 'Tango'. The group learned that the Citrus Variety Collection has been providing exotic fruits for high-end cocktails at a local restaurant.

Our **Spring Plant Sale** was a



Primavera in the Gardens 2015

tremendous success, with a record number of people in attendance. For many people, the plant sale is their first introduction to the Gardens, so in addition to raising funds for maintenance of the Gardens, the event raises the profile of the Gardens in the larger community.

Many people learn about the UCR Botanic Gardens through their children. Our docents led 38 tours for children in the Gardens this spring, additional adult tours, for a total of almost **1400 people**. An additional ~ 300 children visited the Gardens, guided by their teachers. The freshman

Honors Biology Class at Martin Luther King High School assigns its students a project to better understand the native and naturalized plants of the Riverside area. Approximately 100 of these students visit the Gardens in the spring to identify, photograph and take field notes on these plants. Under the supervision of a docent, they are permitted to clip some of these plants. Our docents have been kept quite busy!

Primavera in the Gardens this year was blessed with exceptional weather, after days of threatening rain and some sprinkles. In addition to all of our favorite restaurants, we were happy to add several to our event. Some of these new additions were Goodwin's Organic Foods & Drinks, Marisa's Italian Deli, Edible Arrangements, Olivia's Mexican Restaurant, and Migliore Gourmet Foods. Photos of Primavera, as well as a complete listing of all of our wonderful restaurants, wineries and breweries, can be found in this issue. Our Friends Annual Meeting occurred on June 9th. This is a

continued on page 6

State of the Gardens

PLANTS TO SEE: Large white-flowered Texas olive (*Cordia boissieri*), native to New Mexico, Texas and Mexican deserts. The shrub is planted behind the restrooms at the entrance and is best seen from the upper path. The flowers are clustered, 2 1/2 inches across with a yellow throat. The plant blooms from spring to autumn. There is a little-leaf cordia (*C. parvifolia*) native to southern Baja California with smaller flowers, which has been sold at plant sales. Yellow orchid vine (*Mascagnia macroptera*), collected years ago on a trip in Sonora, Mexico. The flowers with paddle-shaped, bright yellow petals are followed by attractive yellow-green seed pods. It scrambles over vegetation near the Dot Dugger Ramada. There are other attractive water-wise plants along the upper trail in the desert gardens: coral vine, Baja fairy duster, (*Calliandra californica*), and several species of ocotillo. Many cacti on the cactus knoll bloom at different times through the summer, including the leafy cactus (*Pereskia grandifolia*). As do selected plants in the succulent garden, such as Baja endemic (*Euphorbia xantii*), and South African Gardens. The Rose gardens are a riot of color in early summer and later in the fall. Several salvias, including *S. microphylla*, are flowering on the Salvia knoll, with a selection of different colored autumn sages, *S. greggii* and *S. x jamensis*, lining the main drive near the Gardens'

garage. The Butterfly Garden has many plants in flower, as does the Herb Garden across from the geodesic dome and the upper restrooms. If you desire a healthy hike on cool mornings and late afternoons, visit the Boies Day memorial Baja Garden by Pepper Tree Rock. This garden can also be reached by ascending the stairs west of the Conference Room and following the fence line to Pepper Tree Rock.

BOTANIC GARDENS FINANCIAL AFFAIRS OFFICE:

The transfer to BEES (Botanic Gardens, Earth Sciences, Environmental Sciences, and CNAS Student Services) was completed in mid-May. The office is located at 2258 Geology Building, under the direction of Janice Border. We thank Deb Terao and her staff in Botany & Plant Sciences, for taking care of the Botanic Gardens for many years.

AZALEA GARDEN: Theresa and temporary worker, Jorge Fregoso renovated the Virginia Miller Memorial Azalea Garden in Alder Canyon in March. Old plants with root diseases were discarded. New cultivars suggested by Milfeld's Nursery were set out after new soil mix was introduced to the bed. We thank Mr. Nick Milfeld, of Milfeld's Nursery on Adams St. for advice and support. The garden was a blaze of color in April and May and formed a popular backdrop for many student photographs.

PICKUP TRUCK: The Gardens

acquired a pre-owned Chevy truck in March from the campus Garage. The cost of \$3,200 was assigned to the Plant Sales & Service account. The oldest existing truck was turned in as it was not worth repairing.

TREE PRUNING: The Canary Island Pine outside Schneider House was pruned in May to reduce the pine needles that land on the office roof and clog the gutters. Limbs were also raised to allow better wireless connection with other parts of campus.

CONFERENCE ROOM

KITCHEN: Work to remodel the kitchen was completed in April. It included installation of ADA approved cabinets and counter tops. We thank Jodie and Douglas Holt for their generous donation of a cooking stove.

GATEHOUSE: Remodel of the gatehouse to comply with UC cash handling policy is almost complete. A new donation box/safe, windows, door, and new ADA cabinets were installed. The remodel also included additional electrical outlets and landlines for use during plant sales. New carpeting has been ordered.

Lewis Weathers' Memorial: The family of Dr. Weathers generously donated a large piece of petrified wood, originally from southern Utah, to the Botanic Gardens, as well as some of Lew's

State of the Gardens, *continued*

cacti and succulents. The fossil log, thought to be of redwood, was placed near the coast- redwood grove. I thank Dr. Weathers' children for this gift and Eric McCullough and Rob Lennox for arranging transport.

NURSERY BENCHES: Metal nursery benches were set up between the Garden's garage and lath house to replace rotten wooden pallets. Additional benches will be placed west of the lath house and south of the greenhouse, and in the subtropical fruit orchard. Funds came from the Julie Slis bequest and other donations.

The Dean of the College of Natural & Agricultural Sciences, Marylyn Yates, will return to her research position, and Divisional Dean, Jodie Holt, will retire, both effective June 30th, 2015. I wish them blessed release from administrative duties, and all the best in the future. A replacement person has not yet been appointed.

Temecula Valley Garden

Club: At their May meeting, \$1,000 was awarded by the TVGC to undergraduate Arthur Sprunger, for his interest in working with garden plants in the UCR Botanic Gardens. Arthur is an Environmental Sciences major and wants to work in conservation for the National Parks Service when he graduates. Thank you club members!

DONATIONS: In the March

2015 Newsletter I missed the following donors to the Butterfly Garden in 2014, Carol Lovatt, Ann Platzer, Edward & Ann Platzer, Susan Van Campen.

I wish to thank the following for their generous donations from February 2015 to June 15, 2015. If I missed acknowledging you please let me know.

Botanic Gardens General fund: Douglas Adams, Roland Aloia, Kay Anders, Jennifer Anderson, Gracie Avila, Martha Banks, Beyond Light, Fredrick Boutin, Joanna Butki, Elizabeth Casey, Nancy Canter, Barbara Carricaburu, Nancy Cullen, Greg Daffin, Arthur Douglas, Katharine Dulaney, Linda Ebie, Bruce & Remeny Farren, Brian & Claire Federici, Doris Ferguson, Melinda Flores, Anne Gant, Edith Houser, Rosemary Hunt, Marianne Jagers, Stacy Katzenstein, Michael & Cleta Kinsman, Susan Levick, Ellen Long, Dorothy Lynaugh, Terrilyn McFarland, Robert McLellen, Karen McClellan, Laura McMorris, Sara Mills, William & Catherine Mitchell, Tony Mize, Susan Morasco, Sharon Muro, Debra O'Brien, Lindsay Pasarow, Mark Patteson, Jessica Pizzica, Judith Ranger, Marianne Ronay, Lawrence & Ellen Rose, T.B. Rutherford, Cynthia Seed, Camilo Sharpe, Patricia Sheppard, Charles Spears, Doris Rachel Staylor, Doris Stockton, Stoltenberg, James Su, Clark Taylor, Temecula Valley Garden Club, Nancy Testerman, David Thurman, Lupe Thurman, Peggy Toledano, Nicholas & Patricia Vassale, J.G. Waines, Jack Wayne Ward, Ralph Werley, Susan Whitaker, Susan Wilson, Patricia Winter, Clifford & Barbara Woolfolk, Eva Yakutis.

Botanic Gardens Endowment

Fund: Rita Chenoweth, Mitchell Stebens.

Kristine M. Scarano Memorial

Endowment: Ralph Astrella, Col. & Mrs. Vincent Scarano, Beckie Clover, John Jordan, Lloyd Luthy, Gwendolyn Melby, Barbara Moore, Linda Mullen, Emily Parker, Olga Peralez, Kathryn Safford, Gail Santiestevan, Vincent Scarano, In memory of Mrs. Josephine Scarano: Shelby Schepker, Louis Steffano, Tatiana Thibodeaux, The Kings Pawn.

Botanic Gardens Children's

Fund: Fred Phillips, Dennis & Janice Ponsor.

Botanic Gardens Memorial

Fund: Anonymous, Robert Heath, Gloria Heick, Betty Howe, John Hyneman, Las Palmas Investment & Property Management, Albert Page, Wilma Printy, Doris Rhine, J.G. Waines.

Friends Botanic Gardens Gen-

eral Fund: Active Therapy Center, Myra Alagoa, Edith Allen, Richard Anderson, James Banks, Hilary Barnett, Barbara Bennett, B.A. Cassan, Shawn Christensen, Alejandro Cortez, William Derrenbacher, Jack Easton, Norman Ellstrand & Tracy Khan, Merial Everett, Denise Foster-Wilson, Merla Gaut, Gloria M. & William Harrison, Sharon Holmberg, Rosemary Hunt, Lucinda Jensen, Diane Keen, Judy Knizner, Lizbeth Langston, Robert & Cathy Lennox, Sheldon Lisker, Obed Lucero, Mr. & Mrs, Edison Jr., Francis McDonald, Brynn McKinney-Dodson, Sheryl McMichael, Arlee Montalvo, R.A.

STATE OF THE GARDENS, CONTINUED

Montgomery, Sharon Paisley, Dennis Ponsor, Patrick Read, Georgia Renne, Mikeal & Pamela Roose, Jane Schultz, Joann Scott, Harriet Singer, Gregory Sloan, George & Lois Spiliotis, Peter Stocks, Linda Walling, Mr. & Mrs. Charles Wassman, Elizabeth Wilbur, Barbara Wilson.

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UCR Herbarium Endowment:

Frank & Maxine Vasek.
If I have failed to mention your name, please let me know. Thank you. 



CNAS Column

By **Jodie S. Holt**,
Associate Dean
for Agriculture and
Natural Resources

The CNAS Dean's Office recently made some changes in order to rebalance workloads and responsibilities of the college's FAO (Financial & Administrative Officer) team. As of March 1, 2015, administrative management of the Botanic Gardens, formerly managed by the Botany & Plant Sciences Department administration, was moved to the administrative unit that also manages the Departments of Earth Sciences and Environmental Sciences as well as CNAS Student Services units. The FAO now assigned to the Botanic Gardens is Janice Border, in the UCR BEES Administrative Unit (Botanic Gardens, Environmental Sciences, Earth Sciences, Student Affairs). We are tremendously grateful to Deb Terao, FAO of Botany & Plant Sciences, who successfully shepherded the Botanic Gardens through the challenges of a financial audit and several renovation projects, while also managing the normal administrative responsibilities associated with the Gardens.

Renovation Update

I am sure you are aware that the Botanic Gardens gatehouse renovation has been completed, as has the kitchen renovation. UCR's Physical Plant did an excellent job in the gatehouse of termite control and subsequent damage repairs, window replacement and associated remodeling, and installation of a legal and compliant safe associated with the donation drop box. In the kitchen they built and installed new

cabinetry that meets all current ADA requirements and is also very attractive and functional. Discussions are still ongoing about the potential location of a new ADA accessible restroom in the Botanic Gardens.

What's New

This year has brought numerous significant changes to UCR and CNAS. Along with a largely new campus administration, the campus is now engaged in a search for a new Dean of CNAS, as Dean Yates will be returning to her position as a faculty member in the Department of Environmental Sciences as of July 1, 2015. Additionally, after 33 years on the faculty at UCR I will be retiring as of July 1 of this year, and CNAS will have a new Divisional Dean of Agriculture & Natural Resources as of that date. Steve Morgan, Senior Museum Scientist and Curator for the Botanic Gardens, is also retiring in June after 31 years at UCR; recruitment for his replacement is underway. In order to insure that the Botanic Gardens are well managed and remain a high priority for UCR in the future, we have established an Internal Advisory Committee for the Botanic Gardens, modeled after the internal advisory committees in place for all centers and institutes at UCR. The role of this committee is to provide advice and guidance to the Director of the Botanic Gardens in matters pertaining to operations, funding, facilities, and strategic planning. The most immediate charge for the Com-

CNAS Column, Continued

mittee was to develop a draft Strategic Plan that includes vision and mission statements as well as specific goals and objectives to achieve those ends. Membership on UCR's Botanic Gardens Internal Advisory Committee includes

CNAS faculty; Cooperative Extension Specialist and Advisors; horticulturists; directors in University Advancement, the UCR Foundation, and Development; facilities and Physical Plant staff; Botanic Gardens Friends Board members; and Botanic Gardens staff including Giles Waines, Stephen Morgan, and

Theresa Mclemore. As the Friends are an integral part of the success of the Botanic Gardens, we expect that they will play a key role in finalizing the Strategic Plan and realizing its vision and mission in the years ahead.



~A Note from the President ~ Dennis Ponsor

We are looking at some changes in the Gardens in the coming year, discussed elsewhere in this issue. This is a good time for the Friends to show their support for the Gardens. There are many ways that you can help. If you have a few hours to give there are opportunities for you to participate in the Gardens' many programs.

Although we have a dedicated and hardworking staff at the Gardens, we are understaffed for the 40 acres that need care. We depend on our dedicated group of volunteers to help maintain our Gardens. If you enjoy working in the dirt, there are many projects and planting areas that would benefit from your help. It is a good way in which to learn and hone your gardening skills, since you will be working under the supervision of our professional staff.

If you are a 'people' person, you might consider joining our Gardens Greeter program. At present we are attempting to have people at the entrance gates each weekend to welcome the public to the Gardens. You do not need to know much about plants to be very helpful to the Gardens in this capacity. Many people are visiting the Gardens for the first time and

need basic information about such issues as parking, restrooms, water, garden rules and walking routes. All of these items can be learned in a brief introduction to the program and a few sittings with an experienced Greeter. If you enjoy meeting people from all over the world and talking with them you will enjoy this program.

If you enjoy teaching and have an extensive knowledge of the Gardens you might want to participate in our Docent program. Our Docents give tours to elementary, middle and high school students as well as adult groups.

If none of these programs interest you there are other projects in the Gardens which may fit your skill set. We can always use assistance in developing programs for our Friends

and the public. If you have a special gardening skill or specialized knowledge in an area, help us by creating a program or lecture so you can share that skill or knowledge.

If you just don't have time to volunteer, remember the Gardens need financial support as well. The money from Memberships, donations, plant sales and Primavera contributes substantially to the maintenance and development of the Gardens.

Hopefully, in this year of change, you will see fit to give generously of your time and money to supporting the UCR Botanic Gardens.

See you in the Gardens!

Dennis

U C Riverside Botanic Gardens

The UCR Botanic Gardens Newsletter is a quarterly journal published by the Friends of the UCR Botanic Gardens, UC Riverside Foundation, 900 University Ave., Riverside, CA 92521, and is one of the benefits of membership. Articles on various aspects of horticulture and its practice, history, or related subjects, especially as they apply to inland Southern California are welcomed. The selection of copy to print is at the discretion of the editors. Send copy to Natalie Gomez, Botanic Gardens, University of California, Riverside, CA 92521-0124, call 951.784.6962, e-mail ucrbg@ucr.edu or visit our website at www.gardens.ucr.edu for information.

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Officers: Katherine Kendrick, President; Greg Sloan, Vice-President; TBD, Treasurer; TBD, Secretary;
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Kristine M. Scarano Intern: Kelsey Layne
Editors: Katherine Kendrick, Steve Morgan

Continued from page 1

meeting to attend to the business of the Friends organization, including electing new Board Members. We only had one Board Member rotating off, and that position was filled by Amber Jones. In addition to the business portion of the meeting, we had a very lively presentation by **Randy Stamen**. Randy is a lawyer and an arborist, practicing out of Riverside, but serving a much broader area. Randy has written a book on California law as it applies to trees. He entertained us with many stories from his long career in this specialized field of law. He also gave us tips for avoiding the conflicts that would cause us to require his services.

The Friends Board of Directors voted to bestow the honor of "Friend for Life" to **Hal Snyder**, **John Ernsberger**, and **Steve Morgan**. Their tireless devotion to the Gardens is so very appreciated.



Photos this page: 1. John Ernsberger and 2. Hal Snyder, Friends For Life; Primavera Photos: 3. Silent Auction Volunteers, Susan Pickens, Susen Moors, Helga Stafford, Linda Carter, Carol Haffter and Wendee Backstrom; 4. Yvonne & Buck Hemenway; 5. Mikeal and Pam Roose. Primavera photos by Jana Shaker.



Primavera Photos: 6. Teresa Salvato and Arlee Montalvo; 7. Harold Larson, Giles Waines and Concha Rivera; 8. Martin Theodosis and Margarita Nichols; 9. C. R. Craig and Kevin Craig, of Canyon Crest Winery; 10. Back row: Mikeal Roose, Amy Kwiecien, Joseph Bulone and Karene Trunelle; Front row: Amy Litt, Pam Roose and Theresa McLemore; 11. Valery Federici, treating her mother, Claire Federici, to Primavera in the Gardens on Claire's birthday! 12. Wendy McCool and Tom Hess. Thank you to our event photographer Jana Shaker.

*Congratulations Steve Morgan on your retirement! The UCR Botanic Gardens is a special place because of your faithful and excellent service. We are lucky to have had you and wish you well in your retirement.
Yours, Frank & Lucy Heyming*

*Congratulations to the Botanic Gardens!
~Bert Cassan~*

Butterfly Corner

PIPEVINE SWALLOWTAIL

Article and Photos by Ann Platzer

If you are lucky to see a large black butterfly flying at a distance, it is probably the Pipevine Swallowtail, *Battus philenor*, which has a wingspan, of about four inches. The dorsal wing surfaces are mainly black with a transition to a brilliant iridescent blue on the hind wings that shimmers in the sunlight (Photo 1). The female displays less iridescence. Both sexes have two rows of white or pale yellow crescents follow the contour of the wings with the



Photo 2: Female, ventral view

second row flush with the outer margins. These dots are more prominent on the hind wings. When resting with wings closed, the hind wings display large orange and yellow spots on a



Photo 1: Male, dorsal view

bright iridescent blue background. (Photo 2).

The female lays a small cluster of conspicuous brick red spherical eggs on the underside of its host plant's tender leaf or stem. After several days, reddish-brown larvae with long, thin filaments hatch (Photo 3). Initially, they are gregarious, feeding in groups, but older larvae disperse to satisfy their ravenous appetite alone. These flashy, blackish larvae have two long, dark anterior filaments followed by three pairs of shorter dark filaments plus one pair of short filaments at the posterior end. Each segment of the larva is adorned with dorsal and lateral short, fat, orange filaments and bumps. When disturbed a pair of orange osmeterium shoot out from behind the head, releasing a foul odor (Photo 4). The osmeterium is a defensive organ found in all swallowtail

(Papilionid) larvae and resembles a fleshy forked tongue. When the mature larvae reach two plus inches, they stop eating and wander around for about one and a half days in what is sometimes called the "Aboriginal walk

about" to find a suitable pupation site. The pre-pupa attaches to a branch by a silk button (cremaster) at the posterior end and by a silk girdle close to the head end. All seems quiet for a day and a half, then a comical, green or brown Disney-like character ...oops...pupa appears (Photo 5). Larvae that pupate in early summer emerge

in a few weeks. Those pupating later, overwinter as pupae. In fact, the ten I raised early September did not emerge for



Photo 3: First instars with one eating its egg case

seven months. Adults are said to live approximately a month.

Like the California Dogface, the adult Pipevine Swallowtails are perpetual motion machines, beating their wings almost continually, even while taking nectar. Newly emerged adults,

housed in a container, are difficult to photograph since they are anxious to fly off once their wings have hardened. Their flight period is spring and summer. In their northern range they have two broods and are seen from April to October, while in their southern range they have three or more broods and are seen from February to November.

The Pipevine Swallowtail only lays its eggs on the Dutchman's pipevine, *Aristolochia* spp. of which at least eight edible species occur in the United States. The California pipevine, *Aristolochia californica*, is the only California native. Two others, the white-veined Dutchman's pipe, *A. fimbriata* and the Dutchman's pipe, *A. trilobata* also grow well in cultivation in the Riverside area. These plants contain aristolochic acid, which when ingested by larvae makes them unpalatable to predators. The female even passes the toxin on into the eggs. Like the Monarch and Gulf Fritillary, this is another butterfly that displays bright colors to warn predators of its non-palatability.

Unfortunately, this butterfly is not common in southern California and may not be native to the area. Fred Heath, author of "An Introduction to Southern California Butterflies", 2004, does not mention the Pipevine Swallowtail. Also, Thomas & John Emmel, wrote in "The Butterflies of Southern California", 1973, that IF Pipevine's host plants were widely planted in our south-

ern California gardens then this beautiful swallowtail would become permanently established here. The Pipevine Swallowtail has been



Photo 4: Mature larva: arrow points to osmeterium

established at Rancho Santa Ana Botanical Gardens since the 1950s where the native *Aristolochia californica* grows "happily" under shady oak trees. Therefore, it may be possible for these butterflies to thrive in other parts of southern California if we provide host plants in our gardens. In fact, UCR Botanic Garden Volunteers have successfully started many cuttings for you to purchase at the next plant sale. So what are we waiting for?

Let's try to foster the Pipevine Swallowtail in southern California!

Caution: not all passion vines are hosts for the Gulf Fritillary butterflies, similarly not all pipevines are hosts for the Swallowtail Butterflies. Although the female Pipevine Swallowtail will lay eggs on the following three non-natives: the giant Dutchman's pipe, *A. gigantea*, calico flower, *A. elegans* and the pelican flower, *A. grandiflora*, the larvae cannot survive on the foliage and will die after the first instar.

Thanks to Marco Metzger and Edward Platzer for reviewing this article.

Happy Butterfly Gardening!

🌿 AP



Photo 5: Green pupa: arrow points to girdle

Help! We are short of one gallon pots and our suppliers have them on backorder. If you have any spare one gallon pots in good condition, please bring them in. During the week you can drive into the Gardens and drop them off at the lathhouse nursery. On weekends, when the vehicular gate is closed, just drop them off inside the gates where they won't interfere with foot traffic or the parking permit dispenser. Thanks in advance!

Volunteer News

By Karen Fleisher

Take a stroll through the Gardens any day of the week and you will find our Gardens Volunteers pruning, watering, and weeding. You will also find some of them propagating plants or helping Natalie in the office. Our volunteers log over 5000 hours of volunteer time per year. The Gardens rely on our many volunteers who give so generously of their time and expertise in the areas of pruning, weeding, watering, office help, docents and visitor information and much more.

The Spring Plant Sale was a huge success due to the efforts of many volunteers, coordinated by Steve Morgan, Theresa McLemore and Becky Levers. A special thank you to the UCCE Master Garden-

ers for their support during the plant sale. They were available to answer questions at the *Ask the Master Gardener* information table and to assist customers with plant selections, as well as to help out in the receipt line.

On April 25, over 40 UCR students from Gamma Beta Phi and NSCS, 6 students from Key Club at Norco College, and community and UCCE Master Gardeners teamed up to clean five areas of the gardens during our **Keep Our Gardens Clean and Beautiful** event. The Gardens thank all of the students as well as the team captains, George Spiliotis, Barbara Gable, Teresa Wassman, Linda Zummo, and April Wilson for their support.



If you would like to join our friendly and energetic volunteer team, join us at one of our Volunteer Orientations which are held on the second Tuesday of each month at 9 a.m., meeting at the entrance to the Gardens. For further information, please e-mail Karen: volunteerucrbg@gmail.com.

Friend to All- Steve Morgan Retires

For the past 31 years, Steve has influenced and molded the UCR Botanic Gardens as well as the many individuals who have had the opportunity to work alongside him. His willingness to share his knowledge and impart information makes Steve a truly unique and exceptional person. When asked to describe Steve you will often hear these words: amazing, gener-

ous, patient, kind, knowledgeable, helpful and compassionate.

Steve's dedication and his understanding of the plant world has shaped the UCR Botanic Gardens to become the living museum we see today. His passion for the plants and his talent for organization is reflected at every turn in the Gardens. Steve's professionalism combined with his inert ability to connect with people of all walks of life makes him a remarkable individual. Steve is respected and well regarded at UCR, in the industry and in our community.

We are very fortunate to have had someone like Steve at the UCR Botanic Gardens. He will be greatly missed by all those who know him but I am sure we will see him around the Gardens.

We all wish Steve the best as he begins the next phase of his life!



PRIMAVERA IN THE 2015 GARDENS

Thank you so much to those who so generously gave of their time and resources to make this event possible. Thank you to the Primavera Committee, the Silent Auction Committee, the Floral Ambiance Committee, the Gardens staff and Student Helpers, and Teen Challenge of Riverside.

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Karen Fleisher
Amy Hao
Rob & Cathy Lennox
Parkview Nursery, Canyon Crest
Stater Bros.
Teen Challenge
UCR Honors Program
& other UCR Students

PRIMAVERA COMMITTEE

Rob Lennox and John Ernsberger, **Event Co-Chairs**
Nancy Cullen and Rebecca Levers, **Winery Coordinators**
Janice Ponsor and Serafina Barrie, **Restaurant Coordinators**
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Friends of the UCR Botanic Gardens
Botanic Gardens
University of California
900 University Ave.
Riverside, California 92521-0124

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Join us for a special lecture:

Deconstructing Visual Signals in Social Butterflies by Susan Finkbeiner, UC Irvine

Wednesday, August 5th at 7:00 p.m.

For more information, visit our website: www.gardens.ucr.edu



Twilight Tour

Two Twilight Tours!
Friday, July 10th &
Friday, August 7th

The cost is \$7 for Friends of UCRBG Members, and \$10 for non-members, payable at the door. Exact change or checks are required. There is an hourly charge for parking. Reservations are required. Call 951-784-6962 or email ucrbg@ucr.edu.

The tour begins at 6:30 PM and will last until around 8:30 p.m., followed by dessert/ refreshments on the patio.

If you have never been in the Botanic Gardens come nightfall, you are encouraged to attend this event. It is unbelievably serene and mysterious in the evening, and always a relief from the heat of the day. Join us for a cool evening stroll. The tours are led by our docents.