

The University of California, Riverside Botanic Gardens UCRDBG Newsletter

Volume 35, Number 3 Fall 2015

33RD ANNUAL FRIENDS OF U.C. RIVERSIDE BOTANIC GARDENS

FALL PLANT SALE NEWS

Friends Preview Sale: Saturday, October 24, 8 a.m. to 11 a.m.

Public Sale: Saturday, October 24, 11 a.m. to 4 p.m.
and Sunday, October 25, 9 a.m. to 3 p.m.

NOTE THAT THE FRIENDS PREVIEW SALE BEGINS AT 8 A.M.!

There are numerous reasons why people return to the Botanic Gardens' plant sales. Many of the plants we sell are not available at most nurseries. Knowledgeable U.C. Master Gardeners, Staff and Volunteers are available to answer questions and offer guidance if it is not supplied by the information signage. There is a huge selection of plants to choose from and many new plants are offered at each sale. It's an opportunity to support the Botanic Gardens. And it's fun!



Acacia constricta, whitethorn acacia,
photo courtesy of Stan Shebs.



Ceanothus 'Ray Hartman'.

And, we sell California friendly plants, as we have since long before they became popular – due largely to the influence of original Gardens employee, Dennis Kucera. Gardening with California friendly plants is both ecological, and money-saving! With drought and climate change on everyone's minds, we have made a special effort to provide even more California natives and other California friendly plants than ever -- just in time for their preferred fall planting season. There will be close to 100 varieties of California native plants alone – nearly double the usual number! Let's look at a tiny sampling of what we expect to offer for Fall 2015.

Several water efficient trees will be available that are rarely, if ever, sold at nurseries. From the southwest U.S. and Mexico comes **whitethorn acacia**, *Acacia constricta*, a small, deciduous, multiple-trunked tree or large shrub that grows to 28 feet tall. It has thorny branches lined with small, ferny leaves and the flowers are fragrant, yellow puffs produced in summer -- these are attractive to hummingbirds. Recent studies have changed the genus name of this plant



Juglans californica, California black walnut,
photo courtesy of Eugene Zelenko.

from *Acacia* to *Vachellia*, but we are using the old, familiar name for now. From California comes ***Ceanothus* 'Ray Hartman'**. It, too, can be trained to tree form, or a large shrub, and can grow to a height of 12 to 20 feet. 'Ray Hartman' has large (two to three

inches), dark green leaves and spike-like clusters of tiny, medium blue flowers in spring.

Two other drought tolerant, California native trees will be available, both new to the sales. *Cupressus forbesii*, **Tecate cypress**, is evergreen and forms a symmetrical, more or less conical, small tree or large shrub to 25 feet tall. With moderate irrigation, it is fast growing in youth, but growth slows in age. Usually a multiple-trunked tree, it has handsome, cherry red bark and surprisingly lush, green-gray foliage for such a drought tolerant plant. *Juglans californica*, **California black walnut**, grows to a height of 15 to 30 feet. Often multiple-trunked, it is a picturesque, deciduous tree with dark green leaves to nearly a foot long that are divided like a feather into nine to 19 leaflets. An added bonus is the crop of tasty, but thick-shelled, walnuts.

Among the California native shrubs to be available is *Bahiopsis parishii* (aka. *Viguiera parishii*), **Parish's goldeneye**, or desert sunflower. This is a three-foot, much-branched, more or less evergreen shrub with triangular, shiny, green leaves and 1.5-inch, yellow daisy flowers in spring, and fall with some irrigation. One of our prettiest desert natives is **fairy duster**, *Calliandra eriophylla*, and it is rarely seen in nurseries. It is an adaptable, mostly evergreen shrub growing to three feet tall. As the common name implies, the spring flowers are delicate, rosy pink brushes of stamens and are set off by



Bahiopsis (Viguiera) parishii, **Parish's goldeneye** or desert sunflower, photo courtesy of Stickpen.

'Elizabeth'. Bush anemone is an evergreen shrub growing to six feet or more. It has handsome, leathery, dark green leaves and white, slightly fragrant flowers with a central cluster of yellow stamens. 'Elizabeth' has smaller flowers



Calliandra eriophylla, **fairy duster**, photo courtesy of Melbumian.

than some selections, but they are in larger clusters. *Carpenteria* needs some shade in Inland gardens, and it is surprisingly water efficient once it is established. "**Turpentine brush**" is an unattractive common name for an attractive California native shrub -- *Ericameria laricifolia* '**Aguirre**'. This is an under-used, evergreen shrub that grows to four feet tall. It has tiny, narrow, dark green leaves that contrast nicely with the usual abundance of grays and silvers of water efficient plantings and its fluffy clusters of small, yellow flower heads are produced in late summer and fall, when few natives are in bloom.

Many California friendly plants come

from Australia and several of these will be offered at the fall sale. *Acacia cognata* '**Cousin Itt**', **little river wattle**, is an extra dwarf selection of a tree acacia. It forms a three-foot mound of weeping branches clothed with narrow, bright green "leaves." As with many acacias, what appear to be leaves are actually flattened petioles, called "phyllodes." The flowers, which are produced in spring, are lemon-yellow puffs of stamens.

Narrow bottle brush, *Callistemon viminalis* '**Slim**' (PP#24444) is a columnar form of the popular favorite small tree/large shrub, weeping bottlebrush. 'Slim' is a dense, evergreen shrub growing eight to 10 feet tall, but only three or four feet wide. It has narrow gray-green leaves and the typical, blood red, bottlebrush flowers in fall, winter and spring -- these loved by hummingbirds.

Continuing the Australian theme, we have **fuchsia emu bush**, *Eremophila glabra* '**Kalgoorlie**'. Fuchsia emu bush is a low growing and wide spreading, evergreen shrub -- two to three feet high and three to eight feet wide. Its narrow leaves are gray-green and the orange, tubular flowers have flared petals and protruding stamens. Another evergreen, Australian shrub is *Westringia fruticosa* '**Blue Gem**', **coastal-rosemary**. 'Blue Gem' is a



Carpenteria californica '**Elizabeth**', **bush anemone**.

normally wide-spreading plant. It has maroon-brown stems and narrow, 3/4 inch, olive green leaves that are lighter on the back; the foliage is somewhat reminiscent of rosemary, thus the common name. The spikes of delicate, lavender-blue flowers are produced heavily in the spring, then intermittently the rest of the year. All the Australian plants discussed here are new to our sales.

There will be at least 23 different kinds of *Salvia* at the sale. Among them are four *Salvia x jamensis* selections made by Director Giles Waines and named for supporters of the



Acacia cognata 'Cousin Itt', little river wattle

pink-flowered form of an old favorite plant. It is an evergreen shrub to about four feet tall with arching stems lined with leaves that are matte green above and white-felty underneath. From fall to spring are produced terminal, velvety, white flower spikes bearing contrasting, fuzzy, pink flowers. Munz sage is a

rare California native, growing naturally in just a few sites, right near the Mexican border in San Diego County, and in northern Baja California in Mexico. This sage grows to only three feet tall and a little wider, so it is



Salvia x jamensis 'Bob & Bernie'

one of the best native salvias for container culture. It has ashy, dark gray-green leaves and shish-kabob spikes of tiny, intense blue, tubular flowers with reddish calyces. All the salvias are attractive to hummingbirds and butterflies.

Among the water efficient herbaceous plants is *Monardella macrantha* 'Marian Sampson', hummingbird mint. This diminutive, California native perennial grows to only four inches tall and to 18 inches wide. The leaves are shiny dark green and showy clusters of tubular, bright red flowers with red calyces are produced in summer. This handsome plant will require bright partial shade and occasional summer irrigation in Inland gardens. It is especially nice in containers, where it also tends to have a longer life. Another diminutive, California native perennial is golden dyssodia, *Thymophylla pentachaeta*, which grows to only six inches tall and wide. It has dark green, needle-like leaves and yellow daisy flowers most heavily



Salvia leucantha 'Daniel's Dream', Mexican bush sage

in spring, but intermittently through summer and fall. Like hummingbird mint, it is fairly short-lived, but it reseeds readily. Not native to California, but California friendly, is *Euphorbia characias* 'Black Pearl', Mediterranean spurge, one of



Ericameria laricifolia, turpentine brush, photo courtesy of Miwasatoshi

Gardens. All of these are many-branched shrubs with tiny, aromatic leaves and spikes of small, two-lipped flowers produced over a long period. *Salvia x jamensis* 'Betty Moore 2' has purple-pink flowers and contrasting, dark flower stems. *Salvia x jamensis* 'Bob & Bernie' has deep magenta flowers and dark calyces. *Salvia x jamensis* 'Hal Snyder' has scarlet red flowers with white throats and contrasting, dark calyces. *Salvia x jamensis* 'Monika' has purple and red, bicolored flowers. All are hummingbird favorites.

Other salvias to be available include *Salvia leucantha* 'Daniel's Dream', a new color form of Mexican bush sage, and *Salvia munzii*, Munz sage or San Diego sage. 'Daniel's Dream' is a

numerous horticultural selections of this variable species. 'Black Pearl' is a somewhat shrubby perennial with many upright stems that are clothed foxtail -fashion with narrow, gray-green leaves. At the top of each stem are produced long-lasting, rounded clusters of unusual, chartreuse and black flowers -- quite striking.

Of course we'll have a huge selection of succulents at the fall sale. Among them are two iceplants that are new to the sale. *Delosperma* 'Fire Spinner' forms a two-inch high and two-foot wide mat of succulent, green leaves. The spectacular flowers appear in abundance in spring and early summer; they are tri-colored -- lavender in the center, blending to red, then orange at the petal tips. 'Fire Spinner' is best grown with afternoon shade in Inland gardens. *Delosperma* 'Orange Wonder' grows to eight inches tall and two feet wide. Its leaves are shiny, green and finger-like, and the many-petaled flowers are a glowing orange with bright yellow centers. Another mat-forming succulent is *Sempervivum arachnoideum* 'Forest Frost', cobweb houseleek. It forms many tight rosettes of gray-green,



Monardella macrantha 'Marian Samson', hummingbird mint

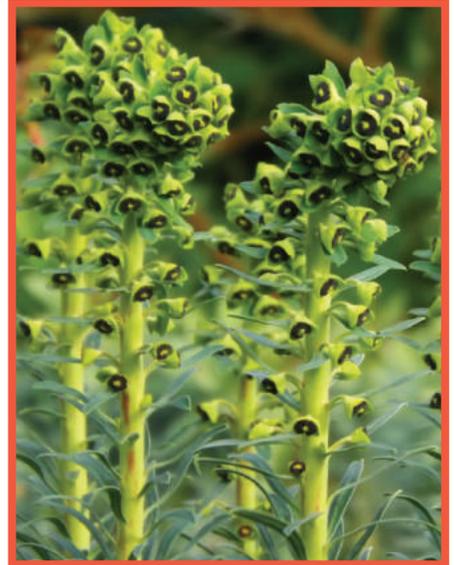
succulent leaves joined by cobweb-like hairs. The spikes of starry, red flowers are produced in summer.

Plants that cater to butterflies will abound. That includes nectar plants like buckwheats (*Eriogonum*) and butterfly bush (*Buddleja*), as well as larval food plants like false indigo bush (*Amorpha fruticosa*), passion vines (*Passiflora*) and milkweeds (*Asclepias*), among many others. These are indicated with "B*" at the end of their description on the plant list

and with a butterfly sticker on their sign at the sale. Of course, there will be plenty of hummingbird favorites, as well. Hummingbird plants are marked with "H*" at the end of their description on the plant list and with a hummingbird sticker on their sign at the sale.

As always, there is only enough space in the Newsletter to

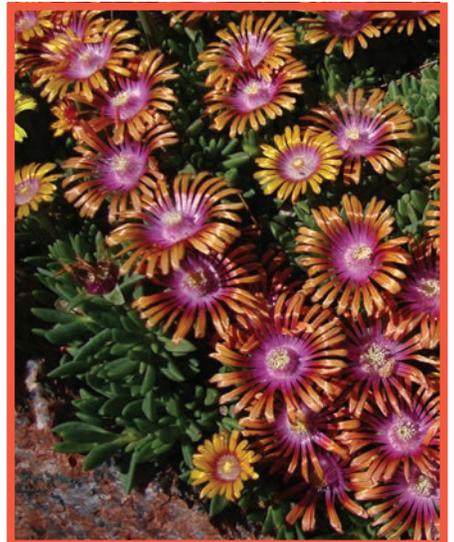
describe a small sampling of what will be available at the sale. The selection is amazing -- six varieties of *Dudleya*, six varieties of *Ceanothus*, four kinds of manzanita (*Arctostaphylos*), five varieties of California fuchsia (*Epilobium*), seven kinds of butterfly bush (*Buddleja*). The list goes on and on. Be sure to check out the plant list to read more about the many other plants to be available. See the box (on the following page) to learn how to get your detailed plant list. But



Euphorbia characias 'Black Pearl'

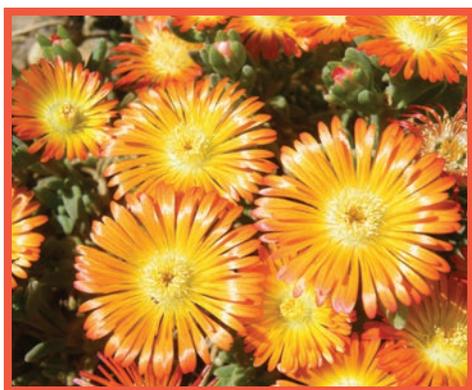


Thymophylla pentachaeta, golden dyssodia, photo courtesy of Stan Shebs



Delosperma 'Fire Spinner'

even the detailed list can't include everything. There are still many cacti and succulents in smaller sizes, hundreds of herbs, vegetables grown by the UC Master Gardeners, and wildflower seeds that will be available but are not listed. Plan to spend some time perusing the huge selection and visiting the Gardens, as well. Be sure to tell your friends and relatives about the sale. And don't forget -- **the Friends Preview Sale begins at 8 A.M.** Thank you in advance for your support of this great event and for your support of the Gardens. 🌿SM



Delosperma 'Orange Wonder'

ABOUT THE PLANT LIST

Friends can choose from several ways to obtain a plant list. You can call the office at 951.784.6962 or e-mail us at ucrbg@ucr.edu to request a list be mailed to you. The list may be found online at the Gardens' website, to print or review in place -- go to www.gardens.ucr.edu and follow the links to the calendar and plant sale. Copies of the list will also be available at the entrance to the sale. To help you prioritize your shopping, the list includes the number of plants we expect to have available, shown in brackets at the end of the plant's description. The list is continuously being updated as the inventory changes, so check in periodically to see an updated list. Remember, containerized plants are perishable goods and are subject to watering problems and weather issues, so be sure to check the updated list close to the sale to make sure your choices are still available -- you may want to adjust your selections. Also, new plants may be added as they come to size in the nursery. Do make use of this informative publication. 🌿SM



State of the Gardens

PLANTS TO SEE: Even though many plants suffered in the recent hot weather, the summer monsoon rains will encourage them to recover and some will burst into flower. Texas olive, (*Cordia boissieri*) is still a mass of white flowers behind the gatehouse at the entrance. The intergeneric hybrid between *Chilopsis* and *Catalpa* (*Chitalpa x tashkentensis*) by the entrance gate will continue blooming until late fall. Orange-flowered Mexican honeysuckle (*Justicia spicigera*) is also in full bloom along the main drive across from the temporary notice board. Spring planted azalea cultivars in Alder Canyon have a few autumn blooms. In the desert gardens,

ocotillo species are coming into bloom with the recent rains. The rare Baja Tinta (*Stegnosperma halmifolium*) is in flower along the upper desert path. Across from the Dugger Ramada are two species of *Ruellia* with blue-purple flowers. Texas Rangers (*Leucophyllum* species) are in flower above the west fence stairs and around the Iris Garden. Along the north coast pathway that connects lilac loop to the rose gardens, California fuchsia (*Zauschneria* or *Epilobium canum*) is a mass of bright orange-red flowers much loved by hummingbirds. There are still a few roses blooming in the rose gardens. These will recover as the temperature cools down. The Butterfly Garden has a good display of flowers attractive to

insects, including buddlejas, coral vine and passion vines. There are interesting plants on and in the Geodesic Dome, while white jasmine scrambles over the belvedere in the Herb Garden. In the specimen pools below the herb garden I discovered a small-boy, Brian Federici, fishing for mosquitos, copepods and the fungi that attack them. I was pleased to learn that the Botanic Gardens are useful for entomological research!

ADA RESTROOMS: Meetings were held in spring and summer to discuss siting of the new ADA compliant restrooms at the entrance to the Botanic Gardens. Existing restrooms built in 1978 are no longer compliant. Moreover, there are

insufficient restrooms to service the large number of people who attend school tours, plant sales and Primavera. This was recognized by **Mrs. Grace Pernet Lorenz** and her son **Gary Lamberson**, who donated initial funds to construct new restrooms. **Monika Ittig** and her friends also recognized the need for additional restrooms for use by school children who alight from school buses for garden tours.

The original plan was to convert space in the gatehouse into two ADA new restrooms. However, the existing space is not sufficient to accommodate compliant restrooms. So we have to build a new facility. The Botanic Gardens Advisory Committee met in the spring and considered several possible sites and suggested placing the new building west of the existing building, which would move the Gardens' boundary fence westwards, and re-route the existing steep path to the Dugger Ramada around the back of the new building. This would allow that path to be less steep. The advisory committee did not favor building the new structure in existing plantings as it would eliminate some of the best native desert plants that are used for teaching purposes. In August a meeting of college and campus administration staff was held to go over the possible locations.

SOUTH AFRICAN SLOPE PATHWAY: A second project that has been in the works for many years is to build a pathway in the South African Slope. This would allow the many interesting plants growing on the slope, such as different species of aloes and ice plants, to be observed by students

and visitors at close range, rather than at a distance from the roadway at the base of the slope. Initial funds to cut the pathway were received from the **Elvenia J. Slosson Foundation** with the Regents. Additional funds were received from the **Bernard and Mildred Tucker Fund** of the Community Foundation Serving Riverside and San Bernardino Counties. The pathway was cut and graded for ADA accessibility, but not surfaced. Funds to help surface the pathway were donated by **Mrs. Dorothy Zentmyer and Family, in honor of Dr. George Zentmyer**. The Friends also earmarked funds for this purpose. We need to have the pathway re-surveyed to be sure that the existing grades are still compliant and to install the surface and handrails. It is hoped this can begin this fall.

BENCHES FOR THE SUCCULENT NURSERY: **Drs. Ann and Edward Platzer** generously donated metal benches for the cactus nursery in the Schneider House Garden. These will be set up by garden volunteers and will replace the green-wood pallets that form existing benches and rot out too quickly. Metal benches were also installed this summer west of the existing lath house and in the nursery area between the lath house and Gardens' garage. Donations to fund these benches came from an anonymous donor in Riverside who likes garden plants.

NESS GARDENS NEAR LIVERPOOL: The highlight of my recent trip to England in August/September was a visit to Ness Gardens on the Wirral Peninsula, across the River Mersey from

from Liverpool. The gardens belong to Liverpool University and are visited by garden lovers from the greater Manchester area. Pam Roose worked there before she was seduced to Riverside. In early September several cultivated varieties of heather (*Erica* and *Calluna*) were in flower in the rock gardens. There was also an impressive display of late summer-fall flowering plants, mostly herbaceous perennials, many of which are native to the USA. These include *Phlox* from the Eastern and Midwestern States, *Echinacea* species, *Helenium* and *Rudbeckia* from the Midwest, *Cosmos* and *Dahlia* from Mexico, and *Zinnia* from the USA, Mexico to Argentina. Along with native California fuchsia (*Zauschneria* or *Epilobium*) and rabbitbush (*Chrysothamnus*), it is surprising how many plants of late summer herbaceous borders have their origin in the USA and Mexico. We could well plant a late summer/fall garden here on campus to add color, bird and insect interest in the Botanic Gardens.

DONATIONS :

Botanic Gardens General Fund: Marie Cotter, Greg Daffin, Claire & Brian Federici, Harold Snyder & William Kleese, J.G. Waines, Mr. & Mrs. Ralph Werley Jr., Eva Yakutis.

Botanic Gardens Endowment Fund: Mr. & Mrs. Thomas Jameson, Mitchell Preus, in memory of William Terry.

Kristine M. Scarano Memorial Endowment: Ralph Estrella in memory of Josephine Scarano.

State of the Gardens, continued.

Friends of the Botanic Gardens General Fund: Richard & Lorraine Anderson, Serafina Barrie, Joshua Barnor, Dericksen & Mary Brinkerhoff, Alejandro Cortez, Ellenor Courtney, Norman Ellstrand & Tracy Kahn, Peter & Rebecca Kallinger, Michael & Cleta Kinsman, Amy Litt, Steven Mandeville-Gamble, Marion McCarthy, Ellen Pocus, George Renne, Peter Sadler & Marilyn Kooser, Raymond Sharples, Kim Wilcox & Diane Del Buono, Barbara Wilson.

UCR Herbarium Endowment: J.G. Waines. 



Long-term volunteers in the Botanic Gardens know the many pleasant benefits of being a part of this cadre. Being in the lovely, natural setting of the Gardens, getting your hands dirty, and working among like-minded individuals all weave together to provide one of the most satisfying volunteer opportunities in our community. Our volunteers make such a significant improvement to the quality of the Gardens, and are truly invaluable. We have numerous volunteer opportunities, and something for every different skill set and schedule. Our **Volunteer Orientation** is conducted the second Tuesday of every month at 9:00 a.m. in the Conference Room. Come and explore the many ways to help out.

Join us for **Keep Our Gardens Clean and Beautiful** on Saturday, November 21st. Work with a team of volunteers to focus on the beautification of a specific portion of our Gardens.

Volunteer News

If you like to meet new and interesting people, consider joining the group of Visitor Information volunteers that welcome people to the Gardens on the weekends. Visitor Information volunteers do just that - working in teams to provide basic information to visitors. Many of our visitors on the weekends are coming to the Gardens for the very first time, and this service greatly enhances how they experience their visit. No botanic knowledge is necessary to be successful at this volunteer opportunity. If you are interested, please stop by the Gardens on a Saturday or Sunday between 10 a.m. and 2 p.m. to meet with a Visitor volunteer, or contact Peter Stocks, who organizes this program. He can be reached by leaving a message with the Natalie in the UCR Botanic Gardens office: ucrbg@ucr.edu or 951-784-6962. We hope that you will find a fulfilling way to be a part of the Botanic Gardens family!

Keep Our Gardens Clean & Beautiful Day



**Saturday
November 21, 2015**

8:15 - 11:30

Meet at the Front Gate

Enjoy a morning out in the beautiful UCR Botanic Gardens while you volunteer to rake, weed, and clean up areas of the Gardens. Snacks, water, and project tools provided. Wear comfortable old clothes to play in the dirt! (No sandals or flip flops, please.) For more information please contact the Gardens Office at ucrbg@ucr.edu or 951-784-6962.

Butterfly Corner

The Trickery Flowers of Pipevines

Article and Photos by Ann Platzer

Angiosperms, flowering plants, are the most successful terrestrial plants and are predominately pollinated by animals, especially insects. Typically, angiosperms share a mutualistic interaction (a relationship that benefits two different species of organisms) with their pollinators. But in an estimated five percent of flowering plants pollination is based on deceit or “trickery”. In such systems, the flowers advertise a reward that ultimately is not provided. Enter the pipevine plants, host for the Pipevine Swallowtail.

For over 200 years, pollination in the pipevine, *Aristolochia* spp., has been recognized as one of the most extraordinary systems. The process is known as **chemical mimicry** where flowers deceive their insect pollinators by “emitting a tantaliz-



Photo 2: *A. fimbriata* flowers, leaves and seedpod

ing” scent **mimicking**, for example, decaying protein matter, rich in nutrients, ideal for fly egg



Photo 1: Longlegged sac spider on *A. trilobata*

development. In addition the kettle-shaped flowers of the pipevine are structurally specialized with downward pointing hairs to temporarily trap their victim. The scenario is as follows: An unsuspecting female fly eagerly enters a young flower, with the irresistible smell and a receptive stigma to receive pollen. She travels deep, deep, down the bottom of the flower’s tube where, temporarily trapped, releases old pollen thus accomplishing cross-pollination. Soon the flower’s anthers mature, and, while the insect is still searching for decayed matter, she is dusted with fresh pollen. As the floral hairs wither, she escapes but, without finding nutrients to lay her eggs (oviposition).

Thus the flower but not the fly benefits. The end? Ah, but predators are everywhere. One evening last June, we watched a longlegged sac spider on a pipevine flower, intermittently peeking into the entrance of the “pipe” (Photo 1: Longlegged sac spider on *A. trilobata*). Why was this nocturnal hunter there? Remember that spiders are predators, preying on insects such as young Monarch caterpillars. Do you think it was the end of the fly?

If you are brave and curious, smell the pipevine flowers; phew, they smell worse than the carrion flower, *Stapelia*.

As you read in last article on the Pipevine Swallowtail, this female butterfly only lays eggs on the Dutchman’s pipe, *Aristolochia* spp. The following three grow well in the Riverside area.

The white-veined Dutchman’s pipe, *A. fimbriata*, is a trailing plant which is easy to manage in the garden (Photo 2: *A. fimbriata* flowers, leaves and seedpod). It has no twining ability and grows both in full sun and shade. It has up to three-inch heart-shaped leaves with white/silver mottling adjacent to the veins. The plant has pretty pipe-shaped flowers.

Origin: Argentina and Brazil.

Dutchman’s pipe, *A. trilobata*, is a very robust, twining vine that carpets the ground and grows up into trees (Photo 3 on following page: Flowers and leaves of *A. trilobata*). The pipe-shaped flowers are spectacular, the plant blooms repeatedly, and grows in full sun or shade.

Origin: Central America.

The **California pipevine**, *A. californica* is a perennial, woody climber but also spreads like a groundcover (Photo 4: Flower and leaves of *A. californica*). It is a deciduous vine and likes part shade and regular water, but, when established becomes drought tolerant. It has purple-striped, curving, pipe-shaped flowers which give rise to winged, capsular, green fruits. One small clump of plants grows at the UCR Botanic Gardens.



Photo 3: Flowers and leaves of *A. trilobata*

If we can introduce enough of the above pipevines into our Southern California gardens, I am certain that this beautiful Pipevine Swallowtail will become permanently established here, as at Rancho Santa Ana Botanic Gardens.

Thanks to Steve Morgan and Edward Platzer for reviewing this article and to Marco Metzger for identifying the long legged sac spider.

Happy Butterfly Gardening.
 AP

Remember: There will be pipevine plants for you to obtain at the Fall Plant Sale.

Reference: Gonzalez, F. and N. Palon-Mosa. 2015. Trickery flowers: the extraordinary chemical mimicry of *Aristolochia* to accomplish deception to its pollinators. *New Phytologist* 206: 10-13.

Natural Holiday Wreath Class November 14, 2015 9 a.m. to noon

Bring the winter garden to your home when you create a beautiful, all natural wreath that you'll enjoy throughout the holiday season. Joyce Dean of the Garden and Floral Arrangers Guild of Redlands will demonstrate and lead you through the step-by-step creation of a natural winter wreath which you will take home with you.

All materials will be provided. The class will be held in the Conference Room at the Gardens.

Registration and Pre-Payment are required by November 2 by calling the Gardens Office at 951-784-6962.

Class Fee: \$20 for Friends members, \$30 for nonmembers.



Photo 4: Flower and leaves of *A. californica*

UC 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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Kristine M. Scarano Intern: Kelsey Layne

Editors: Katherine Kendrick, Steve Morgan

Around the Gardens

As I am writing this note, the season is just beginning to change, and we happily anticipate the coming cool weather. Summertime in Riverside is the dormant season for many gardeners, as we practice a sunny southern California form of hibernation. In the midst of the quiet season, we had two wonderful *Twilight Tours*. These were well attended and enjoyed by all. The Docents did a great job of introducing newcomers to the Gardens as well as providing thought-provoking tidbits to those who are more familiar with our

who are more familiar with our Gardens. There was something for everyone.

We have many varied events coming up this fall. Our *33rd Annual Fall Plant Sale* is on the weekend of October 24 & 25, and is featured in this newsletter. Be sure to make time to attend the educational seminars associated with this event, and bring your children for a hands-on, creative activity on Sunday. For Adult Education we have a *Wreath Making Class* on Saturday, November 14th. This will be taught by Joyce Dean of the Garden

Arrangers Guild of Redlands, who taught our prior floral class in the Gardens. Also for Adult Education, we are very pleased to be resuming our very popular *Birdwalks*, beginning in December. We have many fantastic and creative artists who will congregate, and bring their wares, for our *Art in the Gardens* event on Sunday, November 8th. I hope that we will see you at one or more of these events.

See you in the Gardens,
Katherine

Many can attest to the wonderful experience of early morning birding in the Gardens. We are very pleased that Norm Ellstrand, our leader and one of UCR's experts on birding, is willing to guide three tours for us this year. Each bird walk will be followed by a wrap-up session, complete with a continental-style breakfast.

To peak your interest, here is a website that shows beautiful photos of the many birds seen on the UCR campus:

<https://ucrbirders.wordpress.com/>

Additionally, the journal *'Birds and Blooms'* recently featured the UCR Botanic Gardens as one of the 'birdiest' botanic gardens in the country. You can find the article here:

<http://www.birdsandblooms.com/birding/birdiest-botanical-gardens/>

Space is very limited, so be sure to get your spot reserved early.

Comfortable shoes and a hat are a must, while binoculars are advised. Be prepared for uphill paths and uneven, unpaved surfaces.

Bird Walk and Breakfast

Saturday, December 5

Early Winter Birds

This birdwalk is open to all levels, but is an especially good choice for beginners, and will be limited to 20 participants. We will start at 7 a.m., then bird for two hours. Woodpeckers, hummingbirds, hawks, and urban birds are expected. We anticipate at least 30 species.

\$19 members; \$29 non-members

Saturday, February 27

'Gourmet Birding'

This trip is designed for a select group of birders who want to see a large variety of birds. The group will be limited to 12 people. We will bird the Botanic Gardens and other campus locations. We will start at 7 a.m. and we anticipate seeing 60 species, maybe more.

\$39 members; \$78 non-members



Saturday, May 7

Spring Migration

This trip will be for no more than 20 birders who want to learn some of the tricks of the trade and take the opportunity to see the migratory birds that should be in the Gardens at this time. We will start at 6:30 a.m. and then bird for two hours. We will target migrants such as Western Tanager, several warbler and vireo species, all three species of goldfinches, grosbeaks, Rufous and, if we are lucky, Calliope Hummingbirds, and much more. We anticipate at least 35 interesting species.

\$25 members; \$50 non-members

Join us for *Art in the Gardens* on Sunday, November 8, 2015, from 10 a.m. to 3 p.m.

Come spend the day strolling through shady tree-lined Alder Canyon where local artists will be showcased, representing various mediums, including ceramics, glass, jewelry, watercolors, and metal. This is a wonderful opportunity to view and purchase unique and beautiful art pieces.

This scenic setting will be the backdrop to approximately 15 artists exhibiting and selling their works. *Some* of the participating artists include:

Jean Aklufi: Fused Glass

Richard Briggs: Cigar Box Guitars

Jennifer Katz: Jewelry Design

Jerry Tieszen: Wood vases and jewelry boxes

Sandy Schnack: Jewelry

Lucy Heyming: Watercolor



Ann Platzer: Gourds & Ceramics

Cathy Morford: Stone Jewelry

Patrice Shepherd: Blown Glass Creations

Siri Khalsa and Lucy Heyming: Glass Art

Bill Gardner: metalwork

A portion of the sales will benefit the UCR Botanic Gardens.

Parking: At entrance to the Gardens and Lot 13

Presentations at the Fall Plant Sale

Please plan your time at the sale to benefit from these fun and educational events!

□ Saturday, Oct. 24, 11:30 a.m., **“The New California Garden...Make Every Drop Count!”** A panel of **UCCE Riverside County Master Gardeners** with years of experience in natives, cactus, succulents, water-wise gardening and adaptive irrigation, will answer your questions about gardening and landscaping in California's dry Mediterranean climate.

□ Saturday, Oct. 24, 1 p.m., **“Edible Landscaping with Cool-Season Vegetables.”** **Christine Lampe**, a UCCE Riverside County Master Gardener, will speak about incorporating edible plants into your landscape design. Herbs and vegetables can add beauty to your garden and taste great. Many will also attract beneficial predators, butterflies and birds.

□ Sunday, October 25, 1 p.m., **“Children’s Activity – Leaf Rubbings & Wildflower Bookmarks!”** **Erin Snyder**, Resource Educator with the Riverside-Corona Resource Conservation District (RCRCD), will show your child how to create leaf rubbings and make wildflower bookmarks! Parents can learn more about educational materials, programs, school garden planning support and mini-grants available free of charge through the RCRCD.

For more information on the plant sale visit www.gardens.ucr.edu, contact the Botanic Gardens at 951-784-6962, or send an email to ucrbg@ucr.edu.

Friends of the UCR Botanic Gardens - 145
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