



University of California Cooperative Extension - Riverside County

21150 Box Springs Road, #202
Moreno Valley, CA 92557-8781
(951) 683-6491 x231

81077 Indio Blvd., Suite H
Indio, CA 92201
(760) 342-6437

Website

www.ucanr.edu/sites/RiversideMG

Email

anrmgriverside@ucanr.edu

anrmgindio@ucanr.edu

UC Master Gardener Program Mission

The purpose of the UC Master Gardener Program is to extend to the public research-based information verified by UC experts about home horticulture, pest management, and sustainable landscape.

UCANR Nondiscrimination Policy

The University of California Division of Agriculture & Natural Resources (UCANR) is an equal opportunity provider. (Complete nondiscrimination policy statement can be found at <http://ucanr.edu/sites/anrstaff/files/215244.pdf>) Inquiries regarding ANR's nondiscrimination policies may be directed to UCANR, Affirmative Action Compliance Officer, University of California, Agriculture and Natural Resources, 2801 Second Street, Davis, CA 95618, (530) 750-1343. April 2021

FALL IS HERE!

Master Gardener Volunteer Opportunities Abound!

Butterflies Still Are Here!

Come Forth Cooler Weather!

Garden Views is published bi-monthly by
Riverside County UC Master Gardeners. In this issue:

- Janine Almanzor describes Master Gardener activity in the UCR Botanic Gardens Butterfly Garden, pp. 2-3.
- Barbara Kay-Levin memorializes Carolyn Daniels, p. 4.
- Ann Platzer limns the Mourning Cloak butterfly, pp. 4-5.
- George Podolsky explains Master Composter Certification and Public Classes, p. 5.
- Marcia Stone recruits Roving Docents for CV Preserve, p. 6.
- Jane Payne invites Master Gardeners to volunteer for the Help Line, p. 7.
- Betty Ingalls explains where our water comes from, pp. 7-8.
- Pam Elias and Jim Thompson outline "Growing Master Gardeners," pp. 8-9.
- Pat Malloy, Pam Elias, and Jim Thompson report on social media opportunities, pp. 9-10.
- Janet Hartin describes three trees that are drought, disease, and pest resistant in Riverside, p. 11.
- Rosters, p. 12.

UCRBG Butterfly Garden Brought to Life by Master Gardeners

Contributed by Janine Almanzor, UCCE Master Gardener



Monarch Caterpillars

no one was there to answer questions like, "What's the name of the plant the caterpillars love?" or "How do I attract butterflies to my garden?" These are a few of the many questions the Master Gardeners answer as they reach out to the public on the first and third Sundays at the UCRBG Butterfly Garden.

Visitors have been coming to the Butterfly Garden (BFG) at the UCR Botanic Gardens (UCRBG) since it was planted in 2012, but it hasn't been an educational experience until 2021. There were plenty of butterflies to see, and one might be lucky to see caterpillars, but



Docents and Visitors UCRBG

answering questions when she realized that there was a great opportunity for Master Gardener docents to engage with the community regarding habitat gardening, especially since we had the beautifully designed Butterfly Garden. By June of 2021, Karen had assembled a team of Master Gardeners who wanted to be a part of this exciting

One spring day 2021, Karen Fleisher, UCCE Master Gardener, came up with another one of her great ideas. She was volunteering as a Steward at the Gardens' entrance greeting over 200 visitors and

project. We all met to discuss the project and came up with a plan.

Due to the pandemic closure, the Butterfly Garden was in need of some TLC; so, a maintenance team was formed of Master Gardeners including George Spiliotis, Ann Platzer, Toni Patalano, and Karen. For the first few months, the team met weekly under the supervision of Gardens' Manager, Miguel Estrada. The garden was weeded, plants were pruned, and mulch was laid. On my part, as the Gardens' Curator, I began



Tarantula hawk moth joins monarch caterpillar & bee on milkweed

working on a map and numbering the plants for easy public identification. With the help of volunteers, a plant list was made that lists the butterflies each plant attracts.

Since Sundays are the busiest days at the Botanic Gardens, the team decided to have three Master

Gardener docents in the Butterfly Garden two Sundays a month from 9 am to 12 pm. A Master Gardener information table is set up just outside the BFG with information specific to gardening for butterflies, including plant lists for nectar and host plants prepared by Ann Platzer, as well as posters on the metamorphosis of butterflies, books, Calscape flyer, and Ask the Master Gardener flyer. Children are engaged as they're shown larvae and eggs on the plants in the Butterfly Garden, as well as on plants provided by Ann Platzer from her garden.

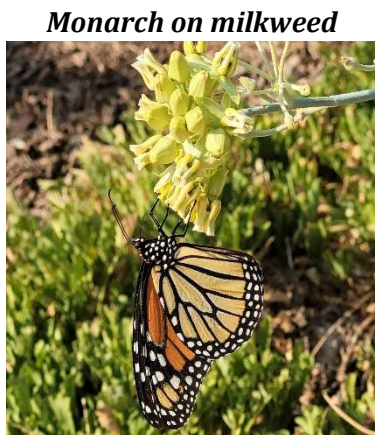


Kids view butterfly information

A popcorn cassia plant (*Senna didymobotrya*) is often available for visitors to take home to attract Cloudless Sulphur butterflies to

their own gardens. Nancy Cullen, also a Master Gardener, recently joined the Gardens' staff and will soon be starting a children's activity.

The Master Gardener docents who regularly participate in this event are Ann Platzer, George Spiliotis, Janice Ponsor, Lee Bayer, Karen Fleisher, and recently joining is Linda Powell. Each Sunday they are very busy talking with visitors who are eager to learn about the fascinating life cycle of



Monarch on milkweed

butterflies and see the beauty of the many butterflies visiting the garden. Many visitors are also interested in learning about which plants attract butterflies, which are host plants, which are nectar, how to care for them, where to buy them, and why California native plants are so important to our butterflies and us.

This event runs from March through October, and Sunday, September 18, was our 19th one. While many of the butterflies are hibernating during the winter, the butterfly team is busy pruning, weeding, and planting for the next butterfly season. Over 1,400 visitors, including children, have benefitted from the expertise of these Master Gardeners. The busiest time is April through June, with sometimes over 100 visitors in a three-hour period!

All the Master Gardeners involved love this activity because they enjoy chatting with visitors about butterflies and plants, and there is a constant supply of people who love plants and ask lots of questions. One of Karen's favorite things is watching how great Ann interacts with the children. They are thrilled as Ann shows them the eggs and larvae. One six-year-old boy, who had spent about an hour in the Garden with his four-year-old brother learning from George and Janice, told Janice when they were leaving that he hoped everyone who came to visit the Butterfly Garden would have as much fun as he had! George is



Ann Platzer teaching kids

always impressed with how fascinated the children are by the caterpillars and when a cloud of Gulf Fritillaries visits the garden.

We were all really pleased with the turnout and response from visitors. This is a

wonderful opportunity for both the Master Gardeners and the Botanic Gardens to collaborate to fulfill our missions of education and outreach. The Botanic Gardens is a great place for Master Gardener information tables. The Herb Garden is our next ready stage for action that could benefit the public.

Here's a list of butterflies that are sighted in the Butterfly Garden during the Sunday events:

Cabbage White, California Dogface, Cloudless Sulphur, Common Buckeye, Funereal Duskywing, Giant Swallowtail, Gray Hairstreak, Gulf Fritillary, Marine Blue, Monarch, Northern White Skipper, Painted Lady, Red Admiral, and Western Tiger Swallowtail. (Special thanks to Janine Almanzor and George Spiliotis for photos!)

UC RIVERSIDE



BOTANIC GARDENS
EST. 1963

BUTTERFLY GARDEN NEWS!



Giant Swallowtail



Buckeye



Gulf Fritillary

UC Master Gardener docents are available in the Butterfly Garden on the first and third Sunday of the month from 9:00 am to 12:00 pm to answer questions about **Gardening for Butterflies** including the life cycle of butterflies and which plants to choose to attract butterflies.

UC RIVERSIDE
Botanic Gardens

In Memoriam: Carolyn Daniels May 30, 1942 – August 30, 2022

Contributed by Barbara Kay-Levin, UCCE
Master Gardener



Carolyn had the heart of a volunteer; her first thought was always, "How can I help?"

When I first met Carolyn, she oversaw new projects, and I was just starting a program at the Braille Institute. She attended every meeting, walked me through each step, and even nudged me when needed. She visited the classes and supported every plant sale, talk and event we had. She was there to make sure we got the Children's Discovery Museum up and running. One of her dearest projects was the Coachella Valley Rescue Mission where the building of the garden space was spear headed entirely by her. Even though she was devastated when we had to close the garden, she wanted us to keep the kids and families in mind and offer classes and demonstrations. As a Master Gardener she arranged our field trips, the California Women in Agriculture tour, the Coachella Valley Water District tour, Gubler Orchid Farm tour, and her last trip the Living Herbs Greenhouses.



A while back she broke her leg line dancing. I've never met someone who pushed so hard to just keep going. As a friend she was a joy to meet for lunch, take classes with,

teach classes with, and take on trips. She was always ready to go, always ready to try something new. She trekked through the Llama experience with Melissa Patterson; she didn't let the need for a cane slow her down.

Carolyn was also active in her community. She was an active church goer, sang in the choir, participated in church garage sales, and helped in any way she was able. She was an active member of the Coachella Valley Historical Museum, donating time to the rose garden, acting as a docent, and helping arrange the community activities. She participated in the General Federation of Women's Clubs (GFWC) Woman's Club of Indio. She headed up her community garden club at Heritage Pines. I do not think there was a person in the valley she did not know from the mayor to the landfill manager. Carolyn knew them all and actively participated.

Butterfly Corner: Mourning Cloak

Article and Photos contributed by Ann Platzer,
UCCE Master Gardener, Platinum Badge
Holder

The Mourning Cloak, *Nymphalis antiopa*, is a large, chocolate-brown butterfly with about a three inch wingspan. It belongs to the brush-footed butterflies, family Nymphalidae because the two forelegs are vestigial and useless for walking. Thus the adults walk on only four legs.



The ventral wing surface is blackish and has a wide marginal whitish-yellow scalloped border (photo left: ventral view). The dorsal wing

surface is a distinctive chocolate brown with a sub-marginal row of iridescent blue spots and a broad, yellow border. This cryptic coloration combined with ragged and irregular wing margins provides the butterfly with superb camouflage resembling a dead leaf when resting with closed wings.

The female lays pale yellow/green eggs in clusters of up to 250 encircling young twigs of its host trees including willow, *Salix* spp, cottonwood, *Populus* spp., elm, *Ulmus* spp., and alder, *Alnus* spp. The adult larvae are about two

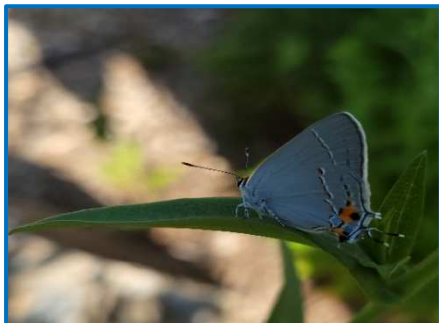
inches long (photo below). The body is blackish and covered with small white dots, numerous white hairs, mid-dorsal reddish orange patches and dark protective spines that deter predators. Larvae usually wander away from the host plant and select a suitable location to pupate. The pupae are gray to tan with two rows of ventro-lateral red-tipped sharp points.



The number of broods varies depending on latitude and altitude. Mourning Cloaks overwinter as adults in protected crevices such as under loose bark or in log piles. Since adults become active at 60 degrees Fahrenheit, they are one of the first butterflies to be seen in spring; in fact adults fly year round in Southern California, whenever weather permits

Few butterflies have a larger range than the Mourning Cloak. They are found all across North America, south to central Mexico, and also native to temperate Eurasia. Mourning Cloaks occur in almost any habitat especially deciduous woodlands but also in fields, suburbs, and city gardens. They also hold the butterfly record for the longest adult life span with some living as long as 10-11 months. Yes, they even beat the famous fall migrating Monarch which may live 8-9 months!

Happy Butterfly Gardening! AP



Marine Blue, UCR BG, George Spiliotis



Master Composter Certification and Public Classes

Hello, Master Gardeners! My name is George Podolsky, and I am with Riverside County Department of Waste Resources as the Volunteer Services Coordinator. My responsibilities include teaching the Composting and Vermicomposting classes plus the Master Composter Certification Training.

We received a phone call from a Master Gardener stating there is confusion on how we are offering Public Outreach Classes and the Master Composter Certification Training.

For Public/Community Outreach:

On the Riverside County Department of Waste Resources website (rcwaste.org/outreach) there is information on Community Outreach programs: backyard composting, vermicomposting, making your own worm bin, green landscaping, green cleaning, introduction to climate change, introduction to environmental justice, and making your home zero waste.

For Master Composter Certification Training:

This same website has a description of Master Composter Certification Training classes offered with sign-ups for a Virtual or Self-Paced class (<https://www.rcwaste.org/classes>) The Virtual class will be offered once a year for a scheduled date and time, and is for those that want live formal instruction in a virtual setting. The Self-Paced is for those that do not have the time for formal instruction and want to do the training on their own time.

Please feel free to contact me if you have any questions or need clarification on our programs.

Thank you,
George J. Podolsky, Volunteer Services Coord.
Phone: 951-486-3200, gpodolsky@rivco.org

A Unique Master Gardener Volunteer Opportunity: Become a “Master Gardener Roving Docent” at the Coachella Valley Preserve

Contributed by Marcia Stone, UCCE Master Gardener

The nature and the appeal of the MG volunteering opportunity at the 1000 Palms Oasis is different than many of our other MG projects.

A Roving Docent engages the public on trails or at selected locations in the out-of-doors, answering questions about plants, habitat, microclimates or perhaps how a preserve differs from a park. This role requires not only broad training but also a desire to engage in constant life-long learning. Docents are not expected to know the answers to all questions that might be asked but must be willing to acknowledge the validity of the question and to seek out the answer. Certainly, an inquiring mind is an important attribute.

A MG Roving Docent sees the beauty and wonder in our arid desert, appreciates the delicate relationship between native flora and fauna, and the reciprocal relationship that exists between man and nature.

Roving as a docent at The Coachella Valley Preserve provides MG volunteers with the opportunity to meet and educate visitors from near and far. Curious visitors may ask about the desert and the native plants that have adapted to its environment. Visitors might wonder aloud how so much water can be present at 1000 Palms Oasis here. In addition, visitors might want to know about the San Andreas Fault. The lives of the indigenous Cahuilla who lived in harmony with nature can also pique visitor interest.

David Lathi, a 2022 Master Gardener, completed his Roving Docent training this past spring. The Master Gardener Roving Docent Program is fortunate to have David as a volunteer at the Palms Oasis. David trained for approximately 15 hours and when asked to share a little about his training experience, he wrote:

I completed my plant identification training at the Coachella Valley Preserve with Marcia Stone during my Master Gardener training Class of 2022. Walking along a few short trails, Marcia skillfully identified 30 plus plants native to this unique microclimate situated in the middle of the Coachella Valley along the San Andreas Fault. The area is fed by water seeping from the North American plate to the fault line at the Pacific plate. The native Cahuilla Tribe found a resourceful way to use most of these plants in some fashion either as food, construction materials for their homes, medicine or in other meaningful ways. This region is surrounded by a beautiful hiking trail system, and I combined my love of plants and my love of hiking to become certified as a "roving docent" by the Preserve Manager. I am now able to teach visitors about the local plants and how they were used by the Cahuilla, ensuring that the visitors are treating the trails with respect. In addition, I keep an eye out for invasive plant species that could overrun the native plants. I encourage all master gardeners to take a hike at the Coachella Valley Preserve!

Interested in training as a Roving Docent? Contact Marcia Stone, Project Coordinator, for an application form. Questions can also be directed to Marcia at: mjstone.cal@gmail.com



David Lathi, Master Gardener, and CVP Roving Docent, with Ginny Short, manager of CVP:1000 Palms Oasis

Learn About the

Riverside Remote Help Line: See if You Are Interested in Volunteering

Contributed by Jane Payne, UCCE Master Gardener

The Riverside Remote Help Line, also known as the Riverside Phone Squad or Helpdesk, is currently working remotely to answer emails and voicemails from the community. We fulfill the UC Master Gardener Program mission, *"To extend research-based knowledge and information on home horticulture, pest management, and sustainable landscape practices to the residents of California and be guided by our core values and strategic initiatives"* by answering questions with research-based answers for the residents in Western Riverside County.

Last year in 2021-2022, the Riverside Remote Help Line received a combination of questions related to specific landscape problems as well as general information questions. The landscape problems had to do with tree concerns; issues with pests, insects, rodents, and fungus; heat related symptoms in trees, plants, vegetables and herbs; and over/under watering problems. Other questions were asking for information on a wide variety of topics ranging from plant identification, irrigation schedules, trees and plants, planting schedules, pruning, fertilizing, composting to outside resources for soil testing, and landscape designers.

We also received some unusual questions, such as which plants are donkey resistant or how to control water coming from an adjoining lot (owned by the city)! Another time, we were inspired by a college student looking to compost on her apartment balcony, and we sought help from our composting expert.

In 2021-2022, we had twelve Master Gardeners volunteering for the Riverside Remote Help Line, some volunteering monthly and others as their schedules permitted. We responded to 377 inquiries and invested 393 hours in the process. We are currently looking for more volunteers.

The success of the Remote Help Line had a lot to do with our previous Program Coordinator,

Susan Bookman. She held that position for the last two years and transitioned us from a desire to work remotely to a reality due to COVID restrictions. Using her strong leadership skills, she worked through the obstacles, recruited and trained a team, and lead with patience and poise.

Have you considered working on the Help Line? Our volunteers like working it because they learn a lot, increase their horticultural knowledge, improve their research skills, and serve the community from the comfort of their homes on a flexible schedule. If you are still working and not available during the week, it's not a problem. We can change a Friday shift to Saturday or you can work your shift during the evenings.

Are you concerned that the questions are really tough, and you may not know the answer? Rest assured that although you are working remotely, you are not alone without support. Volunteers can always get guidance from the Project Coordinator or have the question passed to another volunteer. We also have subject matter experts who we can refer to, as well as training to help you get started.

Master Gardeners can learn more about it by reading the *FAQs About Working the Riverside Remote Help Line*. The document is on VMS, under Documents/Presentations, section #28 and is the first item. Or if you prefer, just contact the current Project Coordinator, Jane Payne, janepayne3@verizon.net



Watering Lawns?

Contributed by Betty Ingalls, UCCE Master Gardener

Do you know where your water comes from? Did you know we are located in the Santa Ana River Watershed? It flows from Big Bear Lake in the San Bernardino Mountains, part of the San Jacinto Mountains, and drains into the Pacific Ocean between Newport Beach and Huntington Beach.

Here are some other interesting water facts describing where our water originates:

- 55-60% groundwater
- 25-30% imported from Sacramento Delta and Colorado River
- 10-15% recycled water
- 5% surface water, rainfall, and snow melt

An additional water supply fact is that 19% of our electricity in California is used to move, pump, treat and reuse this precious commodity. These stats give us an appreciation for what is involved in getting water to our homes. Water is of particular concern to those of us who enjoy gardening and caring for our lawns.

As I've driven around the area, I could not help but notice many of us have large brown spots in our lawns. The first thing that comes to mind is: "That person's sprinklers aren't adjusted properly." Maybe that's true, and maybe it's not. There are many other issues that may cause brown spots in a lawn. Here are some other possibilities: disease, insects, type of grass such as hot or cool season grass, and not fertilizing properly.

But let's talk about those sprinklers! The brown spots could be the result of the sprinkler heads not spraying evenly. A good test for this is to set six or more straight-sided cans between the sprinkler heads. Turn the sprinklers on for 20 minutes; then measure the water in each can with a ruler. Multiply that number by 3 to determine the inches of water per hour. If there is a difference of more than 15% to 20%, there is a problem with the uniformity of the water application. The sprinklers need to be adjusted accordingly.

The following are some best practices for lawn sprinklers as recommended by the University of California Division of Agriculture and Natural Resources (UCANR).

- Modify irrigation scheduling so that is applied in several short repeat cycles instead of a single long irrigation.

- Irrigate early morning when wind and evaporation losses are lowest.
- Avoid applying water too fast, too long, or nonuniformly.
- Irrigate after inspecting the grass; look for dry spots rather than irrigating a standard amount of time for each sprinkler station and then adjust timing.

We certainly have not discussed all the elements involved in keeping our lawns green, but we have covered the basics. If you are interested in obtaining further information, go to the University of California Division of Agriculture and Resources website (ucanr.edu) to find a wealth of information.

Happy Gardening!

References:

- Pavela, Pam ed. SoCal Yard Transformation. "Water" pp. 2-11; "Irrigation" pp. 66-105, 2017
- Pittenger, Dennis R. ed. California Master Gardener Handbook. Chapter 4, "Water Management," 2015, Second Edition

UC Master Gardeners of Riverside County Continue to Grow in Their Knowledge!

Contributed by Pam Elias & Jim Thompson, UCCE Master Gardeners

This year the UC Master Gardeners of Riverside County are enhancing their skills by attending "**Growing Master Gardeners.**" The goal of this Membership Initiative is to inform and inspire UC Master Gardeners about the UC Master Gardener Program of Riverside County and its mission of "extending to the public research-based information verified by UC experts about home horticulture, pest management, and sustainable landscape practices to the residents of California and be guided by our core values and strategic initiatives."

The UC Master Gardener Program focuses on serving the public. This Initiative will focus on

assisting UC Master Gardener Volunteers to better satisfy the UC Master Gardener Program mission. Sessions will deepen our training to better understand our various projects, become more informed users of our technology, and connect with our Project coordinators. Zoom sessions for all Master Gardeners are held on the first Monday of the month from 9:00-12:00 with sign-ups on VMS and hours counting for continuing education. Check the UCCE Riverside County Master Gardener website and VMS for recordings of past meetings you can watch.



**Coachella Valley Garden Day
Saturday, October 22, 9:00-1:00**

The premier fall gardening event is back! After a two-year hiatus, Riverside County Master Gardeners, Desert Horticultural Society, and UCR Palm Desert have teamed up once again to offer a new twist on an old favorite, Community Garden Day, with **Coachella Valley Garden Day**, a fun and interactive day of learning from gardening, landscaping and horticulture experts. This event is for everyone — from Coachella Valley gardening newbies to experienced green thumbs — with an emphasis on sustainable landscaping in a dryer, hotter desert climate. Learn what to plant, when to plant, how to care for your plants, and how to attract pollinators and provide vital habitat for wildlife. Hundreds of desert plants of all species, sizes, shapes and colors will be available for purchase. The day will feature mini-lectures, demonstrations, interactive activities, local nonprofit organization and vendor booths, and more!

UC Master Gardeners of Riverside County Make Positive Impact on Social Media

Contributed by Pam Elias, Pat Malone, and Jim Thompson UCCE Master Gardeners

Social Media is a great way to inform the public about horticulture education, promote UC Master Gardener events, and provide UC Master Gardener volunteer recognition. With the goal of sharing great content in support of our mission, UC Master Gardeners of Riverside County has a strong presence on Facebook, Instagram, and Twitter. Our social channels are followed and liked by individuals and groups of like-minded people who love gardening and are committed to sustainable practices. We continue to add new Followers and Groups every month.

Over the twelve months from July 1, 2021 through June 30, 2022, our Riverside Master Gardener Facebook page reached more than 190,000 people through more than 400 posts. Riverside MG added more than 1,000 new followers, and, as of September 1st, we have 4,394 Facebook

SAVE THE DATE





Coachella Valley
Garden Day

Garden for today,
plant for the future

9 a.m. to 1 p.m. Saturday, Oct. 22
UCR Riverside Palm Desert Center
75080 Frank Sinatra Drive
Palm Desert

- Family-friendly fun
- Hands-on demonstrations
- Plant sale
- Talks from gardening, landscaping, and horticulture experts
- All levels welcome!

Hosted by:
UC Riverside Palm Desert
Desert Horticultural Society
Riverside County Master Gardeners
palmdesert@ucr.edu





followers. The Riverside MG Instagram account has more than 1,000 followers and has reached more than 7,000 people.

These numbers did not happen by accident! Master Gardener **PJ (Pam) Clarke** has been at the helm of our social media activity for the last five years. Pam volunteered thousands of hours in making our Social Media channels entertaining and engaging. And the numbers reflect her hard work and dedication. Thank You, Pam!

Pam stepped down from the coordinator role at the end of June and our new Social Media team of Pam Elias, Jim Thompson, and Pat Malone picked up and ran with the digital 'ticker tape.' Pat Malone filled in as Desert Social Media Project Coordinator from March through June and is now serving as a Social Media editor. As of July 1, 2022, Pam Elias is the West County Social Media Project Coordinator, and Jim Thompson is the Desert Social Media Project Coordinator.

The Social Media team posts content to many groups on Facebook. The challenge, of course, is sharing information that is relevant and appropriate to each group. Information considered when sharing a post with a group includes:

- Is the group public or private?
- What location do they serve? (Worldwide, Inland Empire, certain cities, etc.?)
- Number of members?
- When did we last post? Are we flooding their page?
- Do they allow links, ads, etc.?
- What is their purpose? Would we be interesting to them?
- Do they have special rules or preferences? (i.e. one group only wants to see information about native plants.)

Generally, a Social Media Project Coordinator will receive information from other Master Gardeners or research information that seems interesting to the public. The coordinator will write a post, find the appropriate photos and links, edit the pictures if needed, and add the post to the Facebook planner/scheduler.

Interested in Getting Involved?

If you are interested in helping share our story through social media, here's how you can help:

- 1) Follow us on Facebook, Instagram, and/or Twitter, wherever you have social media accounts. It is a great way to be engaged with the public.
- 2) Like and share our content with your networks on social media. Your friends and family who love gardening will appreciate it.
- 3) When you have a topic idea or some great photos, click the Publicity Request link on the VMS landing/home page 'Links' list. The Publicity Request form gets the info to our entire team. Visuals such as photos, videos, and infographics help boost engagement on our posts.
- 4) We'd love to have you join us if you'd like to get involved and serve on the social media team. Please reach out.

Thank you!

Pam Elias, pammye@earthlink.net; Pat Malone, patmalone93@gmail.com; Jim Thompson, jim.catcity@gmail.com



Botanic Gardens Art in the Gardens Saturday, November 5, 10:00-3:00

This November the UCR Botanic Gardens hosts an event where curated items from local artisans are offered for sale. Come spend a pleasant afternoon strolling through Alder Canyon, where California

artists and craftspersons are showcased representing a variety of media including ceramics, jewelry, mosaics, metal work, fiber arts, wood, and photography. Art in the Gardens is a great opportunity to shop early for the holidays while supporting the programs and activities of the UCR Botanic Gardens.



Janet's Jottings
Janet Hartin

**Drought, Heat,
and Pest
Resistant Trees
for Riverside
County Identified
in Our Research**

**Projects for Inland Areas in Riverside
County (Including the Desert)**

Fall is finally here, and it's time to think about helping the public select the right tree for the right location. In the next two newsletters I'll be featuring a few recommended drought, heat, and pest resistant trees that are performing well in our research trials and do well in inland (including desert) areas of the county. The first three that I'll discuss are the "Red Push" Pistache, "Bubba" Desert Willow, and Maverick Thornless Honey Mesquite.



'Red Push' Pistache
(*Pistacia* × 'Red Push') is a lovely deciduous tree developed in Arizona that is recommended for Sunset zones 8-24. It

attains a height and width of 25-35 feet. While it has inconspicuous, non-showy flowers, its major feature is its brilliant crimson fall foliage. It requires full sun but grows well in a wide



range of soil types (textures) from sand to clay and also tolerates California's alkaline soil. It has strong branch strength tolerant of windy conditions and is deer resistant.



'Bubba' Desert Willow (*Chilopsis linearis* 'Bubba') is a deciduous tree native to California, Texas, and Mexico

recommended for Sunset zones 3, 7-14, and 18-23. It is a beautiful "powerline friendly" tree that provides shade since it has a 20' height and a 15' width. It works well in many side yards as well as larger front and back yard spaces. While it tolerates some shade, it is denser in full sun. It is fast growing (24-36 in/year). Its greatest attribute is its prolific tubular pinkish-lavender fragrant flowers. "Bubba" is also wildlife friendly.



'Maverick' Thornless Honey Mesquite (*Prosopis glandulosa* 'Maverick') is a deciduous tree native to the Southwest USA recommended



for Sunset zones 10-13 and 18 needing adequate above and below ground space since it grows to 35 feet tall and wide, making it a popular shade tree. It is thornless and very low maintenance, and, since it

is a legume, fixes its own nitrogen. It grows well under high pH soils common to California and in both sand and clay. Its yellow flowers are prolific.



UC Master Gardener Program of Riverside County			
UCCE Riverside County Director		Rita Clemons	
UCCE Riverside MG Program Director		Janet Hartin	
Volunteer Services Coordinator		Rosa Olai	
West County Advisory Board		Desert Advisory Board	
Chair	Dave Brandtman	Chair	Jim Thompson
Chair Elect	Patti Bonawitz	Chair Elect	Brad Hardison
Past Chair	Darrilyn Erickson	Past Chair	Smoky Zeidel
Secretary	Judi Newby	Secretary	Open
Treasurer	Jonathan Crook	Treasurer	Jim Huberty
Community Gardens	Thurman Howard	Coachella Valley Preserve Docents	Marcia Stone
Diverse Community Projects	Thurman Howard	Continuing Education	Open
Equipment & Inventory	Debbie Leuer	CREATE	Barbara Kay Levin
Gold Miners	Thurman Howard	CREATE	Vivian Iytrralde
Grow Lab	Adrian Ceja	Desert Home Gardening Class	Smoky Zeidel
Grow Lab	Steven Moreno	Event Tables	Openings
Help Line	Jane Payne	Farmers Markets	Open
Home Gardening Class	Linda Powell	Help Line	Ralph Thompson
Home Gardening Class	Georgia Renne	Job Descriptions	Patty Reed
Mentoring Program	Alba Good	Job Descriptions	Marcia Stone
Membership	Sharon Sharpe	Membership	Cynthia Morris-Sotelo
MG Logo Merchandise	Jennifer Hopper	Moorten's Botanical Gardens Docent Program	Smoky Zeidel
Newsletter	Georgia Renne	Moorten's Botanical Gardens Propagation	Barbara Kay-Levin
Parliamentarian	Dave Brandtman	New Projects	Marcia Stone
Parliamentarian	Cindy Peterson	Newsletter	Georgia Renne
Public Relations eBlast	Susan Cline	Publicity-eBlast	Barbara Kay-Levin
Public Relations Social Media	Pam Elias	Publicity-Social Media	Pat Malone
RCRCD Monarch Habitat	Linda Powell	Raices Cultura's Tierra de Raíces	Cesar Lopez Barreras
School Gardens	Kim Coons-Leonard	School Gardens	Brad Hardison
School Gardens	Brad Hardison	Social Events/Recognition	Kathy Miller
School Gardens	Janice Rosner	Speaker's Bureau	Pat Clayes
Social Recognition	Yvonne Wilczynski	Website	Ralph Thompson
Speaker's Bureau	Lynn Coffman	WIC (Women Infant Children)	Vilma Raetig
Tours	Linda Carpenter		
Training Class	Melody Knox		
UCR Botanic Gardens Liaison	Yvonne Wilczynski		
Website (Countywide)	Ralph Thompson		
WEL Liaison	Janice Rosner		

Why should you avoid arguing with a cactus?



Too many great points.