

AMERICAN ROSE

THE MAGAZINE OF THE AMERICAN ROSE SOCIETY

JANUARY/FEBRUARY 2023 \$10 US





2023 NEW
EXCLUSIVE
INTRODUCTION

Blushing Lavender

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First Word

From the President of the ARS, Diane Sommers
DianeSommers@rose.org

WELCOME TO 2023! I have often thought of January as the time to reset and start over, but that does not describe activities at the American Rose Society. 2022 brought many success stories and we are planning to build on them with a busy 2023. If you missed the first ever ARS Virtual Annual Members Meeting in October, you will find a recording on www.rose.org under videos/webinars, with many details regarding 2022 accomplishments and our 2023 plans.

The ARS ended 2022 with an incredible light show display during Christmas in Roseland. Thanks to many donations and volunteers, including the State of Louisiana and the Louisiana Tourism Bureau, new lights were added to the garden, including a 32 foot tall Christmas tree. The staff welcomed 13,000 visitors this year, which took place every weekend (Friday – Sunday night) after Thanksgiving through December 23. This is an incredible commitment from our staff and we should all be grateful. Christmas in Roseland is a major fundraiser and supports the operations and member benefits of the ARS.

In October, I attended the World Federation of Rose Society (WFRS) convention in Adelaide, Australia, along with 22 ARS members from across the United States. It was summer in Australia and the roses were beautiful. It was quite fun talking about roses with breeders and gardeners from all over the world. Congratulations to Dr. Tommy Cairns and Luis Desamero and Peter E. Kukielski and Charles Phillips for receiving WFRS Literary Awards at the convention for their books, *The Rose Atlas* and *Rosa: The Story of the Rose*, respectively. Following the convention, there has been a shift in our North America Vice President within the WFRS. I want to thank Lois Fowkes for her leadership in this area and welcome Robert Ardini, the new WFRS North America VP. You will be hearing more about the WFRS from Robert in future issues of the magazine.

Speaking of the magazine, I would like to recognize Gerry Mahoney who is responsible for identifying topics for the magazine and coordinating with writers for articles. She volunteered for this assignment last year and has done a really great job! Our organization is so grateful for the support of our volunteers and we are creating more opportunities for members to become involved. Please reach out to me if you have an interest.

Plans are complete for our national convention in Shreveport on May 5 – 7. You really should plan on attending the convention, not only for the roses and to see the new garden, but to catch up with your rose friends from across the U.S. Registrations are coming in and volunteers from many Districts are working together to make this an outstanding event – be sure to plan now to participate.

As the ARS is planning for 2023, I know that our local rose societies are planning as well. In early December, the members of the Local Rose Society Advisory Committee (LRSAC) hosted a call with 120 leaders from local rose societies to share best practices. A Programs Resource Guide was distributed to all attendees. If you were not able to attend, please reach out to your district LRSAC member for the information.

Thank you for being a part of the American Rose Society in 2022. I look forward to an active and successful 2023. I hope you will be a part of it!



ABOVE, LEFT TO RIGHT: A challenge class for three floribunda sprays at the WFRS Rose Show with 'Playboy', 'Hannah Gordon' and 'Tinkerbell'; 'Gold Bunny', 'Playboy', all photos Diane Sommers.

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Mission Statement: The American Rose Society exists to promote the culture, preservation and appreciation of the Rose, and to improve its standard of excellence for all people, through education and research.

Vision Statement: The rose is America's National Floral Emblem. We aspire to be the nation's best source for information, research and education about the rose for our members and for the general public. We will share this information through a website, a national network of Consulting Rosarians, and rose shows and non-competitive rose exhibitions open to the general public.

Opinions expressed are those of the authors and are not necessarily those of the American Rose Society or its officers or directors.

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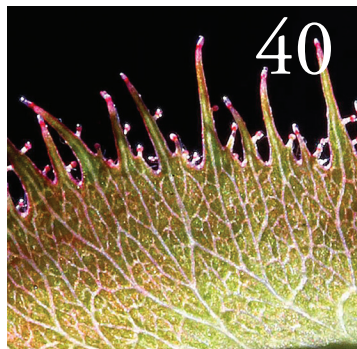


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On Our Cover: The American Rose Society Members' Choice for 2023 goes to 'Celestial Night', a mauve, floribunda from Weeks Roses, hybridized by Christian Bedard and introduced in 2019. This rose is widely grown with a garden rating of 8.7 and slightly fragrant. Photo courtesy Weeks Roses. See related article on page 18.



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The Notebook

from the Executive Director of the American Rose Society

Sometimes You Already Know The Answer

I am writing this article as it rains outside on December 19 and as I have just cancelled a night of Christmas in Roseland. I love the rain but NOT during Christmas in Roseland; in fact, I have determined that my staff and I, and many board members become amateur meteorologists during this time of the year. As of today, I am happy to report we are doing well, and I am confident we will exceed last year with the last remaining days, despite the rain. However, by the time you read this, we will all know the outcome. However, wouldn't it be nice sometimes just to know everything was going to work out?



Unfortunately, that is not how life works. We can only look back, and during the holiday season, many of us feel nostalgic, myself included, and my closet shows it. You see, I love Nike shoes, not the new ones, but the older styles. Luckily for me, this holiday season, the local Nike Factory store has been discounting their shoes heavily. No, I'm not a collector of Nike shoes, but because of nostalgia, a big discount, and the fact that if I like something I like to stick with it, if Tailwind 79s were Will Radler's cultivars, I would now be the owner of all his roses in my closet. Now my staff might disagree and say, "This guy always likes change," but that's not true. In fact, I am fond of the old adage, "Everyone loves change except when it involves you!" You see it's very comfortable not to change; however, I know nothing great ever happens unless you do.

So, in 2023, I hope the American Rose Society and its members will continue to look to the future while appreciating our achievements of the past, including the completion of the Great Garden Restoration's Wellan Clockworks Gardens in 2022. In 2023, we plan to have many new benefits and exciting changes to announce to our members. Would I like to know today how all these new initiatives will work out? Yes, however if I look at our past as an indicator, I already know the answer. We are going to do great things in 2023!



LEFT TO RIGHT: Scenes from Christmas in Roseland 2022, photos Emily Hamann.

Across the Fence

The latest ARS Member News

ERRATA

IN THE 2023 ROSES WALL CALENDAR, in the month of September, middle photo on the left side, the rose identified as 'Sweet Marlon' taken by Katelyn Fredette is actually the rose, 'Sweet Marilyn', a miniflora hybridized by Dennis Konsmo and named for his wife. We regret the error.

IN THE 2023 HANDBOOK FOR SELECTING ROSES the following roses should have been included:

Vernon's Laugh MinFI, pink blend, full, 2017 **8.1**

#Violet Hour Min, mauve, single, 2016 **8.7**

WORLD ROSE NEWS

AS AN ARS MEMBER, YOU ARE ELIGIBLE for a free subscription to the World Federation of Rose Societies' newsletter, *World Rose News*. ARS members are encouraged to subscribe to the WFRS Rose News to get the most up-to-date rose information from around the globe. Visit www.worldrose.org/associate-members and then enter the password: 123Members2022.

CONTESTS

2024 ROSES WALL CALENDAR CONTEST

- Photos must be 13 inches by 11 inches AND at least 300 dpi. (Tip: Set your camera options to the highest resolution and picture size possible.
- Please identify all roses in photo.
- The roses must be commercially available.
- We prefer not to use roses that have been a large photo in the calendar in the last five years.
- Limit of FIVE (5) submissions per member.
- Digital photography ONLY.
- **Deadline is June 1, 2023.**
- Email submissions to Beth Smiley or request a Dropbox link from beth@rose.org

NEWSLETTER/BULLETIN COMPETITION

- The ARS conducts an annual competition to recognize outstanding publications of local societies and districts. It is conducted by the ARS Newsletter/Bulletin Awards Committee and is open to all ARS Local Societies and Districts.
- In addition to the newsletters/bulletin competition, the committee will recognize individual articles and special publications for Awards of Merit.
- The **updated** rules and point breakdown can be found in the Contests section at rose.org/contest. Please read the rules carefully as some things have changed.
- Contact: Susan Smith, susiejsmith@msn.com

2023 NEWSLETTER COMMITTEE

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Cindy Worch – cindykworch@gmail.com

PHOTO CONTEST

- The ARS holds this competition for members to enter their best digital rose images. The judging panel is made up of ARS horticultural and/or Arrangement judges who are also experienced photographers.
- There are numerous classes including regular, novice, junior and masters, with certificates given in each class.
- Winners of each class are featured throughout the year in *American Rose*.
- The rules, form and helpful hints are available on the website, www.rose.org/contest.
- Deadline for entries for the 2023 contest is NOVEMBER 5, 2023.
- Contact: Pam Powers, americanrosephoto@yahoo.com.
- Send Entries to: ARS Photo Contest • Pam Powers, 14106 Rock Canyon Dr., Centreville, VA 20121

SOCIAL MEDIA

IF YOU ARE A SOCIAL MEDIA FAN, please join us, like us, tweet us or pin us!

- Facebook: <https://www.facebook.com/RoseSociety>
- Facebook: <https://www.facebook.com/AmericanRoseCenter/>
- Facebook: <https://www.facebook.com/rosesandyou/>
- Facebook: <https://www.facebook.com/christmasinroseland/>
- Instagram: <https://www.instagram.com/americanrosesociety/>
- Instagram: <https://www.instagram.com/americanrosecenter/>
- Twitter: <https://twitter.com/AmericanRoseSoc>
- Pinterest: <http://www.pinterest.com/americanrosesoc>
- YouTube: <http://www.youtube.com/user/AmericanRoseSociety>

TESTED & ENDORSED PRODUCTS

AMERICAN ROSE SOCIETY ENDORSED PRODUCTS have undergone extensive testing by ARS members nationwide and found to be of high quality and a benefit to rose growers. Please visit www.rose.org/about-ars/endorsed-products to find out more about these products:

Bioadvanced® All-in-One Rose and Flower Care
BONIDE Rose Shield Systemic Rose & Flower Drench
BONIDE Rose Shield Systemic Rose & Flower Granules
BONIDE Rose Shield Insect & Disease Protection for Roses

MEMBER BENEFIT PARTNERS

THE MEMBER BENEFITS PROGRAM includes many different nurseries, as well as merchants of rose supplies and essentials. Your ARS membership provides discounts with these partners:

ANGEL GARDENS | 10% discount • FISH IN THE GARDEN | 15% discount • HARLANE GARDEN LABELS | 10% off, Code: ARS10 • HIGH COUNTRY ROSES | 15% discount • JACKSON & PERKINS | 15%, Code: MEMBER • MITCHELL NELSON FINE ART | 20 % discount • NORTHLAND ROSARIUM | 10% discount, Code: ARS10 • PINE STRAW DIRECT | 5% discount, Code: ROSE • PLANT ADDICTS | 10% discount, Code: ROSE10 • THE ROSE GARDENER | 10% discount, Code: ARS10 • WALNUT HILL FARMS | 10% discount • WITHERSPOON ROSE CULTURE | 10% discount + FREE Rosebush with a new full membership

Rose Happenings

THE BEST WAY TO SEE ALL THE UP-TO-THE-MINUTE EVENTS or SUBMIT YOUR EVENT THROUGH THE ROSE.ORG WEBSITE. Go to rose.org, scroll down until you see the Rose Events Calendar, then tap the submit your rose event button and fill in the blanks. This will assure that your event is on our website and in American Rose. You may submit your event at any time; however, to have it appear in two publications, please submit your event six months prior to the event. If your event is not occurring in the next two months covered by the date on the issue of American Rose, it may not appear until a future issue due to space limitations. Please contact Beth Smiley, beth@rose.org if you have any questions.

NATIONAL EVENTS

May 5-7 – 2023 National Convention, Shreveport, LA. Ruth Tiffany, ruthsgarden@msn.com, 619-548-6950

Sept 9-13, 2024 – 2024 National Convention, Warwick, RI, hosted by the Yankee District; David Long, longcottage@comcast.net, 860-391-5007.

DISTRICT EVENTS

Jan 20-21 – Gainesville, FL – Deep South District Mid-Winter Meeting hosted by the Greater Palm Beach Rose Society; Best Western Grand; Bill Langford, 561-309-8736, WHL2@prodigy.net

Feb 3-5 – Columbia, SC – Carolina District Mid-Winter Meeting, "Moonlight and Roses", hosted by the South Carolina Rose Society; Embassy Suites Hotel; Kathy Shaw, 803-422-2502, kagshaw@bellsouth.net

Mar 17-19 – Sturbridge, MA – Yankee District Spring Convention hosted by the New England Rose Society; The Publick House; Audrey Osborn, 508-

221-1256; caperose@gmail.com

Mar 24-26 – Wisconsin Dells, WI – North Central District Midwinter/Spring Meeting, Wintergreen Resort and Conference Center; Lois Ann Helgeson, 612-578-1943, helge006@umn.edu

Apr 15 – Waldo, OH – Buckeye District Spring Conference; All Occasions Catering; Jim Hering, 740-361-0229, rosehering@roadrunner.com

Jul 22 – Waldo, OH – Buckeye District Top Gun Meeting; All Occasions Catering; Jim Hering, 740-361-0229, rosehering@roadrunner.com

SCHOOL/SEMINAR EVENTS

ONLINE Feb 4 11:30 AM - 2:30 PM Central

Diane Sommers – CR Mission & Ethics

Dave Ingram – Soil & Water

Craig Dorschel – Chemical Safety

ONLINE Feb 11 11:30 AM - 2:30 PM Central

Art Wade – Fertilizer

Baldo Villegas – Insects and Diseases

New CR Candidates must attend all of the Webinars. If you plan to apply as a New CR, please contact your District Chair of Consulting Rosarians to insure all the paperwork is completed by January 31, 2023. Eblasts will be sent with links to these Webinars.

LOCAL EVENTS

Jan 28 – Beaumont, TX – Golden Triangle RS Annual Rose Seminar; Beaumont Botanical Gardens in Tyrrell Park; Sherry, 409-659-0212

Jun 17-18 – Toledo, OH – Toledo RS Rose Show, Toledo Botanical Gardens; Cheryl Menard 419-893-1898 cmenard5@sbcglobal.net or Nancy Bucher 419-250-0708 nanbucher@aol.com

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Insect & Disease Protection for Roses



ROBBIE TUCKER

AMERICAN ROSE SOCIETY GOLD HONOR MEDALIST 2022

The American Rose Society Gold Medal was awarded during the Fall Members' Meeting on October 17, 2022.

"In recognition of a lifetime of outstanding volunteer service devoted to promoting the missions of ARS including the American Rose Center."

'33 J. Horace McFarland
'33 Harriet Risley Foote
'33 Robert Pyle
'37 Dr. Jean Henri Nicolas
'38 Theodore Wirth
'41 L.B. Coddington
'41 Fred H. Howard
'45 L.C. Bobbink
'45 Dr. Walter E. Lammert
'46 Fred Edmunds, Sr.
'47 Dr. Louis A. Massey
'48 Dr. T. Allen Kirk
'49 Arthur F. Truex
'51 E.S. Boerner
'51 Herbert C. Swim
'52 George A. Sweetser
'53 Harry L. Erdman
'54 Roy E. Shepherd
'56 C. Eugene Pfister
'60 Dr. Cynthia Westcott
'61 Robert V. Lindquist
'63 Miels J. Hansen
'64 Dr. Ray C. Allen
'65 Dr. Eldon W. Lyle
'67 Edward P. Sima
'68 C.H. Lewis
'69 Dr. William L. Ayers
'69 Irwin Jones
'70 Lester Satterlee
'71 Joseph J. Klima



'72 John H. vanBarneveld
'75 Charles P. Dawson
'77 Carson Scoggins
'78 Fred Edmunds, Jr.
'80 Donald R. Ballin
'82 Ralph S. Moore
'83 Betty Pavey
'84 Floyd Johnson
'85 Frank Bernardella
'90 Ruth Tiedeman
'92 Marion Klima
'93 F. Harmon Saville
'94 Howard Walters
'96 Sean McCann
'97 Baxter Morgan
'99 Warren Brooks
'01 Evan H. "Slats" Wathen
'02 Robert L. Whitaker
'03 Louise Coleman
'06 Dr. Jim Hering
'08 Dr. Tommy Cairns
'09 John C 'Jack' Walter
'10 Edmund W. Griffith, Jr.
'13 Luis T Desamero
'17 Marilyn Wellan
'18 Jolene Adams
'19 Rich Baer
'20 Bruce Monroe
'21 Baldo Villegas
'22 Robbie Tucker

ABOVE: Robbie Tucker is the 2022 recipient of the American Rose Society Gold Honor Medal, photo courtesy Robbie Tucker.

A LIFETIME OF ROSES

By Alice Hart, ARS Prizes & Awards Committee

FROM THE MOMENT ROBBIE JOINED the American Rose Society (and the Houston Rose Society) more than 30 years ago he has been more than a pillar of strength in all his multi-varied volunteer service to his local society, District and the ARS.

Paramount in his service has been a strong educational element whereby he devised ways to provide sustained and reliable horticultural advice on growing roses. Fiercely committed to serving all ARS members with the best possible information on growing beautiful roses, Robbie quickly attained ionic status having shown he was an active member completely loyal and devoted to promoting ARS. His service record is too long to attempt to list all his varied accomplishments, but they stand as his testimony and legacy. Even today Robbie continues to provide outstanding service.

Robbie's lifetime of sustained high level service to the ARS has explored so many avenues of rose growing with distinction and heart-felt camaraderie. Truly he is considered by everyone as a modest individual without any fore-thoughts of seeking recognition or accolades in return for his service.

Perhaps his most inspiring contribution to rose culture was his response to the every increasing popularity of miniature roses. His decision to bring miniature rose hy-

bridizing into his journey of roses brought him multiple successes with many award winning varieties opening up new possibilities for growers and exhibitors alike. Almost simultaneously Robbie established a company to provide much needed service and products to ARS members with one stop shopping for buying roses, products and fertilizer – a valuable service to facilitate the needs of all ARS Members and avoid costly purchases from elsewhere.

Robbie Tucker's Record of Multifaceted Volunteer Services to ARS Service to Local Societies:

- Vice President Nashville Rose Society
- President of Nashville Rose Society
- Editor, *Nashville RoseLeaf* - Bronze Medal awarded

Service to the TenArKy District:

- Tenarky District Director
- Editor, *Tenarky Katnips Newsletter*
- District Rose Show committee
- ARS Silver Medal winner
- Horticulture Judge Consulting Rosarian

ARS National Administrative Services

- Member ARS Board of Directors
- National Convention/Show Organizer, Nashville, TN
- ARS Executive Committee

National Volunteer Services

- National Show Organizer, Nashville ARS

BELOW, LEFT TO RIGHT: 'Kismet'; 'Lady Éowyn'; 'Luscious Lucy', photos courtesy honoree/ARS files.





Educational Service to ARS:

- Multiple Local & District Educational events:
- Exhibitors Workshop(s)
- Speaker at meetings across the U.S. Organizer
- Teacher at many Consulting Rosarian classes

Hybridizer par Excellence

ARS Award of Excellence

- 'Daddy Frank', 2010
- 'Little Tommy Tucker', 1999

ARS Miniature Hall of Fame

- 'Miss Flippins'
- 'Cachet'
- 'Arcanum'
- 'Dancing Flame'

A Lifetime of Service to Local Societies

Since joining ARS in 1990 Robbie has served as President of the distinguished Nashville Rose Society serving as editor of their award winning newsletter, *Nashville Rose Leaf*, a publication always filled full of pertinent articles to assist growers, both novice and seasoned, with the most up to date information on techniques and rose products – a daunting challenge in those days of providing only hardcopy. This commitment for authoring rose articles and publishing them for all to read was a constantly recommended source found to be reliable and right on the essential target of needed.

Commitment Service to the District

At the District level, Robbie served as editor of the award winning Tenarky District, *Tenarky Katnips*, bringing yet again the focus of the national ARS membership to his talents at communicating vital rose information. Robbie received the ARS Silver Honor Medal for his contributions. Over the last 30 years Robbie has a publication record of over hundreds of self-authored articles.

Service at the National Level

Robbie is best recognized for his generous support in kind to the American Rose Center by donating a wealth of products to maintaining healthy roses in our national garden in Shreveport. He continued his philanthropic endeavors for many years without a pause or requesting or gaining appropriate recognition. It

has never been documented anywhere that these donations literally saved the gardens and brought excellence back for the members and public to enjoy.

His skillful educational guidance cannot be understated for his frequent and regular advertisements at his expense in the *American Rose* are not advertising products so much but are his choice to focus in on appropriate horticultural advice to benefit ARS members. Over the years, these center pages of the magazine have



OPPOSITE: Tucker in his greenhouse; ABOVE: Tucker winning Queen of Show at the ARS National Show in Minneapolis with his own rose, 'Miss Flippins'; 'Miss Flippins'; BELOW, LEFT TO RIGHT: Some of Tucker's creations, 'Ferrin'; 'Daddy Frank'; 'Cachet'; 'Class of '73'; 'Nemesis'; 'Amy Grant'.



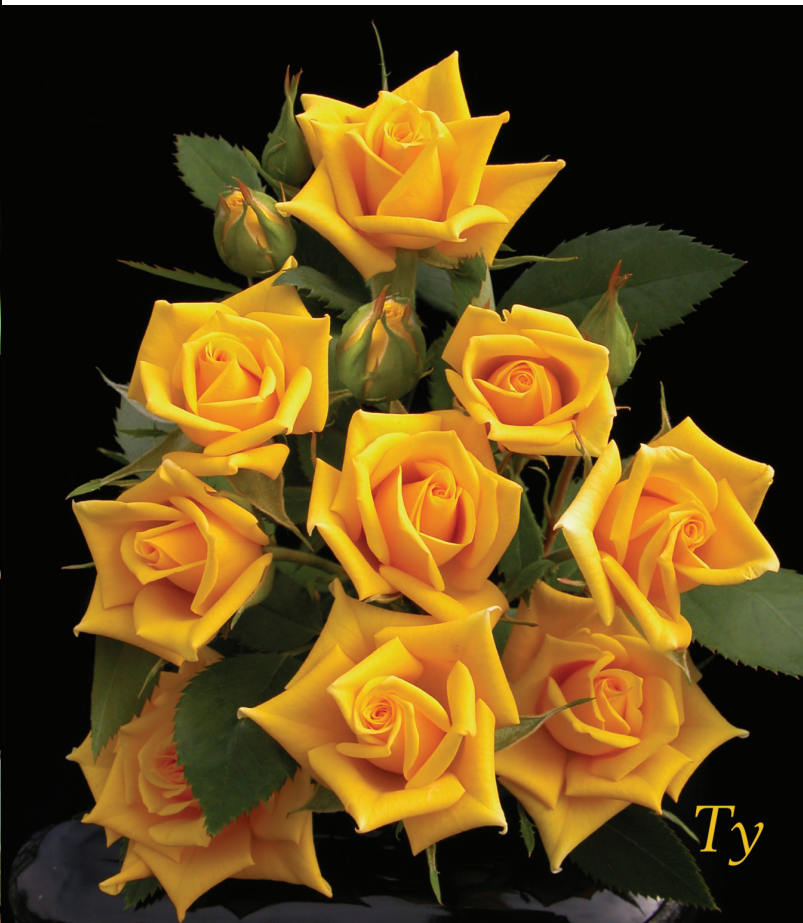


been constantly embraced by the members as vital information to assist in growing healthy and beautiful roses. Intrinsic value via these regular educational appearances in the magazine cannot be undervalued for they are from a well informed columnist. In addition Robbie Tucker has a track record of having given hundreds of presentations to promote our hobby and fulfil our mission statement as a 501(c)(3) educational organization. As an educator, Robbie's volunteer service can be summed up in a quotation by Eleanor Roosevelt, *"Many people walk in and out of your life, but few leave footprints in your heart...."* Robbie appreciates the fundamental virtual in volunteer service being much bigger than yourself, for he is one of few individuals who can, does and continues to leave footprints in all our hearts.

Robbie Tucker has provided all the attributes without doubt to warrant receiving the highest honor our Society can bestow on an ARS member. As evidenced by his record of accomplishments outlined above Robbie Tucker continues even today to be the ultimate volunteer working constantly for the ARS and promoting its mission. ARS has recognized the educational volunteer efforts of an individual member quietly committed to long term demonstration of excellence without the expectation of reward – elements of a true rose hero!



OPPOSITE, TOP TO BOTTOM, LEFT TO RIGHT: Tucker creating new roses; Tucker accepting an Award of Excellence for 'Daddy Frank' with Dr. Jim Hering and Frank Benardella, photo John Mattia; 'Little Tommy Tucker'; 'Providence'; 'Jerry Lynn'. THIS PAGE, ABOVE: 'Dancing Flame'; BELOW, LEFT TO RIGHT: 'Ty', 'Conundrum', all photos courtesy honoree/ARS files.





2023
'Celestial Night'
Floribunda,
mauve,
2019



2023 F
'Sweet
Spirit'
Grandiflora,
red blend,
2018

American Rose Society

MEMBERS' CHOICE

These awards honor roses receiving high national garden ratings in *Roses in Review*, both are widely grown and do well in most parts of the country.

2023 MEMBERS' CHOICE: 'CELESTIAL NIGHT'

Members' Choice for 2023 goes to 'Celestial Night', a mauve, floribunda from Weeks Roses, hybridized by Christian Bedard and introduced in 2019. This rose is widely grown with a garden rating of 8.7 and slightly fragrant.

2023 MEMBERS' CHOICE FOR FRAGRANCE: 'SWEET SPIRIT',

The 2023 Members' Choice for Fragrance Award goes to 'Sweet Spirit', a red-blend grandiflora from Meilland, introduced in 2018. This rose is widely grown with a garden rating of 8.5 and is the highest rated for fragrance.

OPPOSITE PAGE, TOP TO BOTTOM: 'Celestial Night', photo Weeks Roses; 'Sweet Spirit', photo Star Roses & Plants.

ARS Members' Choice Winners

2004 'Knockout' S, red blend, single, 1999

2005 'Gemini' HT, pink blend, 25-30 petals, 1999

2006 'Bees Knees' Min, yellow blend, full, 1998

2007 'Hot Cocoa' F, russet, full, 2002

2008 Not Awarded

2009 'Julia Child' F, medium yellow, full, 2005

2010 'Home Run' S, medium red, single, 2004

2011 'Cinco de Mayo' F, russet, double, 2007

2012 'Joy' Min, pink blend, double, 2007

2013 'Easy Does It' F, orange-pink, full, 2008

2014 'Randy Scott' HT, white, full, 2007

2015 'Dick Clark' Gr, red blend, 2009

2016 'Cooper' MinFl, medium red, 2008

2017 'Oh My!' F, dark red, double, 2011

2018 'Daddy Frank' Miniature, dark red, 2011

2018F 'Neil Diamond' HT, pink blend, 2013

2019 'South Africa' Gr, deep yellow, 2001

2020+F 'Olivia Rose Austin', S, medium pink, 2015

2021 'Ring of Fire', HT, orange blend, double 2015

2021F 'Violet's Pride', F, mauve, full, 2016

2022 'Peggy Martin', HM, medium pink, 2018

2022F 'Sweet Mademoiselle', HT, pink blend, 2018

2023 'Celestial Night', F, mauve, very full, 2019

2023F 'Sweet Spirit', Gr, rb, full, 2018

AMERICAN ROSE SOCIETY



MEMBERS' CHOICE WINNERS '04 TO '22





Roses Abroad

contributing editor Steve Jones, ARS President 2006-2009

Welcome to the "Roses Abroad" column. Since Susie and I travel all over the world for roses, I was asked to coordinate these articles for *American Rose*. As the coordinator, I will be presenting rose related articles from around the world, written by rosarians from those countries. Enjoy! Steve Jones, Fiddletown, California.

Matthias Meilland is well versed on the roses in China. He is the far East representative for the House of Meilland and I have toured gardens and fields with Matthias at many conventions in China as well as with his father, Alain. Matthias is the sixth generation of the Meilland family involved in roses.

A Meilland Journey Behind The Wall

IN 1935, MY GRANDFATHER FRANCIS MEILLAND TRAVELED for the first time in the U.S. because Robert Pyle wanted him to broaden his views on the needs of U.S. market. Ten years after – and a second World War – the 'Peace' rose was introduced with the honors of the AARS in the United States of America. The Meilland family is known to go where "no breeders have gone before", opening the frontier of plant varietal protection and innovations for the horticulture.

BELOW: Alain Meilland enjoys the display of 'Peace' and commemoration wall in Daxing, Beijing; RIGHT: Matthias Meilland; OPPOSITE PAGE, TOP TO BOTTOM: New rose 'Lovely Pink' in production in Yunnan China; 'Eden Rose' Rose Garden in Chengdu China, all photos courtesy Matthias Meilland.



As I was incorporated (joke) in the House of Meilland in March 2013, the board and family wanted to challenge me: Europe and the U.S. were too easy, and as the moon was not yet reachable for horticulture, I will have to make China possible! So, I had few months to work out the details on my travel, make some contacts and off I sailed on the silk road to harvest bounties!

Luckily, some of my predecessors had already made a few contacts there: We already had some Plant Breeders Rights or Plant Patents and few trademarks to work with since it was made possible in 1998. We had also some contacts with Chinese breeders, plant hunters, scientists, rose nuts and our varieties was already speaking for themselves: 'Peace' was everywhere, 'Eden Rose' and 'Yves Piaget' were the best sellers online. Beijing was fully planted with a variety they called Guangpû which is SPECTRA™/aka BANZAI® (Meizalitif) (1983). And for sure the story of the family and team was already translated on lots of websites and magazines. But the difficulty was to find real partners to work with, and to decide which battle was going to be fought.



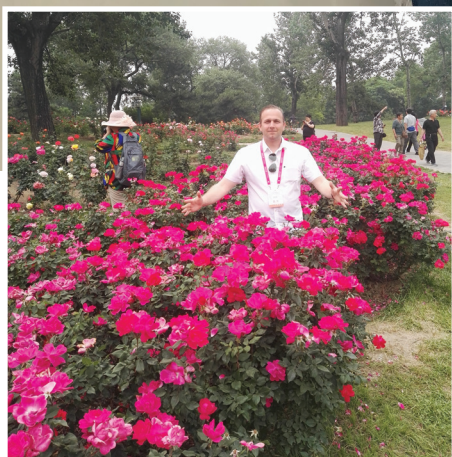


The cut flowers are mostly grown in China in the Southwest region of Yunnan, around Kunming city. And our competitors were already well implanted there. We opened this market in 1998 but during the early 2000 we decided to leave as it was not developing. Twenty years after, it was packed and difficult to make a name. There

is approximately 4,000 hectares of production broken down into small family units of less than one hectare and without a great respect of Plant Breeders Rights. They went from a production under a tunnel of bamboo and plastic, to full metal and glass greenhouses. The investments are done by the state and the farmers have little care about financial and ecological sustainability. So, this was not the way to go.

The traditional garden roses are mostly grown in the Henan province, around Nanyang city. This is the place where 300 million rose plants are grown every year. So, to understand, the U.S. is roughly 25 million plants and Europe 40 million produced each year. And no care about Plant Breeders Rights! Lots of old varieties, produced by grafting in less than a year. Nothing to do with our A grade type of bareroot plants, and don't talk to them about own roots. 'Knock Out®' (Radrass) was in their test fields, but as they used lots of pesticides

TOP TO BOTTOM: Drift® and 'Knock Out®' at a garden Center in China; Hi-Ohgi China Mianzhu 2018-09-28; OPPOSITE, TOP TO BOTTOM: Checking bypass roses in Hangzhou China; (INSET) Matthias Meilland with 'Knock Out®' in Beijing; Photo shoot & interview for cut flowers in Yunnan China, all photos courtesy Matthias Meilland.



understood by the Chinese and our competitors: Sustainable and low maintenance landscape roses. With the five-year law on development of green landscape in cities (Five to 10 percent of the cities need to be green) there was a great development possible with cities and parks. And our luck is that the House of Meilland have been working for more than 40

and fungicides, they couldn't experience why it has superior genetics. And the variety that is produced by million is called Fen-Shan, it is a pink mutation of Hi-Ohgi bred by Seizo Suzuki in 1981 in Japan. The cross says it all: 'San Francisco' (hybrid tea, Lammerts, 1960) x ('Montezuma' (grandiflora, Swim, 1954) x 'Peace' (hybrid tea, Meilland 1935)). So, this was not the way to go either.

But there was an uncharted territory, something that hasn't been well



years on selection of sustainable and low maintenance landscape roses. You know them all: 'La Sevillana®' (Meigekanu) (1977) and 'Bonica®' (Meidomonac) (1982) started the trend of landscape roses, followed up by the MEIDILAND® series. We used our selection program to select Will Radler's 'Knock Out®' in 2000 and then our own Drift® roses in 2006. This was the best path to disrupt and innovate the market in China.

So, our first step was to set up a test station in the worst populated area. Shenzhen was chosen! Shenzhen is in front of Hong Kong, USDA zone 10, Subtropical climate, 22° North (at the latitude of the Tropic of Cancer) and with a 2.000 milliliter (76 inches) of rainfall per year. Rose Hell, you say! The test was designed for three years, no pesticides, no fungicides with more than 60 varieties in test from 10 breeders. It was under the care of the WFRS Breeders' Club and the head of the awarded Shenzhen's Renmin Park. After three years, the superiority of 'Knock Out®' but even more 'Lavender MEIDILAND®' (Meibivers) and 'OSO EASY™ Double Red' (Meipeporia) was clearly proven.

We help designed a rose landscape garden in Zhengzhou in the Henan province. This city is not known to

foreigners, but it is the main city next to Nanyang, the rose production place. The park and garden authorities there are used to work with those old Sino-Japanese hybrid teas and was not sure of the result of our landscape roses. 40,000 bare roots were shipped from Europe and the U.S. in order to fill up the place! The result is still today an amazing full bloom park with flowers from May to November without using any pesticides and fungicides.



TOP TO BOTTOM: 'Red Elegance' photo shoot in China; Checking 'OSO EASY Double Red' in production in North China, photos courtesy Matthias Meilland.





fruitful, we can extend to lower subtropical and equatorial zones (USDA Zone 10 to 13) that no breeders have ever reached and continue progression inland towards those USDA zone 4 and 3 and maybe someday even zone 2.

The idea of our family and team is, since my grandfather's time, to bring roses to everyone and everywhere. And as my father says: *"A rose is an argument. It proclaims the triumph of beauty over brutality, of gentleness over violence, of the ephemeral over the lasting, and of the universal over the particular. The same rose bursts into bloom on the North Cape and in the Sahara desert."*

TOP TO BOTTOM: 'OSO EASY Double Red' in Zhengzhou China 2018-05-14; Hangzhou Highway roses, all photos courtesy Matthias Meilland.

The last step before COVID had us slowing down, was a visit on the highway bypass in Hangzhou. The idea was to use our compact landscape varieties in planters, to maximize the blooms using the minimum space. This is also a great technique for cities to lower the impact of heat on the urban infrastructures. And it is also beautiful when you are inside a traffic jam.

Now that we passed the first million plant produced and sold (and royalties paid) in China, and that our experience in the landscape rose have been



Heritage of the Rose

contributing editor Darrell g.h. Schramm

Roses in The Secret Garden Revealed

MOST OF US GARDENERS HAVE PROBABLY READ Frances Hodgson Burnett's classic *The Secret Garden*. Some of us may even have seen one of the three film versions based upon the book. But while roses are a significant if not salient feature of that garden, no rose is ever named. Fortunately in her correspondence and other works (she wrote numerous books, stories and plays), Burnett does mention by name many of the roses she grew.

Though Burnett moved the location in the book from the actual Kent to Yorkshire, she retained the huge manor house of Maytham Hall, renaming it for the story Misselthwait Manor. For nearly a decade from 1898 to 1908, Frances Burnett leased Maytham Hall, reluctantly leaving when it was put up for sale at a price she could not afford. But it was the place where she had been happiest and had gardened most exuberantly. Matham Hall stood on more than 300 acres, the ground beyond the mansion her private park of velvet lawns, chestnut trees and oak, cedars and enormous beech – crisp-leafed and old – and other trees and shrubs. Three acres



TOP: *The Secret Garden* illustration by Tasha Tudor.

BOTTOM, LEFT TO RIGHT: *R. wichurana*, Memorial Rose, photo Les Johnson; 'Maman Cochet', photo Darrell g.h. Schramm.





were devoted to walled gardens patinaed with age. Assorted flowers sent out their colors on both sides of various paths, including a walk flanked on either side with roses. Ivy draped and swayed from the high brick walls of the garden as did garlands of pink and white climbing roses.

In one of these enclosed gardens stood a sundial. This was Frances Burnett's rose garden, the garden that inspired her most famous book. Rose shrubs and climbers blended and mixed with a medley of companion plants and trees, where under an ancient apple tree festooned with pale trailing roses sat a wooden writing table and rustic chair. Here sub rosa Frances worked as the word smith she was. She herself described the roses as "rising out of the grass, tangled round the sun-dial, wreathing the tree trunks and hanging from their branches, climbing up the walls and spreading over them with long garlands falling in cascades."

At first I surmised the climbing rose above her writing table to be *Rosa wichurana*, a white

ABOVE: 'Mme Laurette Messimy', photo Darrell g.h. Schramm.
 RIGHT, TOP TO BOTTOM: 'Ducher', photo Jeri Jennings; 'Louis Philippe', photo Darrell g.h. Schramm; 'Viscountess Folkestone', photo Darrell g.h. Schramm; 'Red Radiancy', photo Karl King.





species rose, her very favorite; close examination of photos, however, shows the flower to be at least double if not full. Species roses are single.

The pure white flowers of *R. wichurana* usually bear five petals but occasionally six or seven, nestled against the glistening dark green of the leaves, leaves with a sheen as though varnished. The plant exhibits a procumbent habit, laying down a dense carpet of lustrous leaves that entirely cover the soil or grass. Frances trained such roses into trees. As for prickles, the new wood is armed with strong falcate spines; the older wood generally discloses prickles in pairs attached below the nodes. *R. wichurana*, a noble forefather, is a parent of such remarkable roses as 'Albertine', 'Alberic Barbier', 'Paul Transon', 'François Juranville', and 'Léontine Gervais'.



The photo of Frances in a white gown and hat beside the apple tree cascading a waterfall of roses suggests a height greater than 10 feet. Except for 'Paul's Carmine Pillar', also a single rose, no other rose that we know she grew in England qualifies to unravel the identity of the apple tree climber. Of the possible other climbing roses, sports of roses she grew as lower shrubs, 'Frau Karl Druschki', 'Maman Cochet', and 'Viscountess Folkstone', as contenders for Frances Burnett's climbers, the first would have been in her garden scarcely more than a year before she moved, the second did not enter the marketplace until she left, and the third, though in the market by 1903, grows only to about eight feet. Of course on that huge acreage, she grew other roses not mentioned in letters and other published work; we do know she planted roses for every arch and entrance to her gardens, often interlaced with jasmine or clematis, yet we know only their color, crimson or pink.



TOP TO BOTTOM: 'Cramoisi Supérieur', photo Darrell g. h. Schramm; 'Marie van Houtte', photo Karl King; 'Lyon Rose', photo Margaret Furness.

She grew 'Ducher', an ivory white tea rose with a tinge of pink on outer petals. She grew the red china rose 'Louis Philippe', the pale pink tea rose 'Maman Cochet' and the lush, medium-pink hybrid perpetual 'Paul Neyron', all non-climbing 19th century roses.

Most significantly in her Maytham Hall gardens, she lavishly displayed the exuberant bloomer of 1887 (so much like herself), 'Mme Laurette Messimy'. Its outer petals are brushed with deep rose pink blending into a soft sunset yellow of a large, loose, semi-double, and fragrant flower. This is the rose bush under which the robin hopped that showed Mary Lennox the hidden door to the secret garden. Frances grew not a few nor a few dozen but 300 of them, 300 'Mme Laurette Messimy'. Truly a beautiful rose.

Brilliant or pure yellow is not a rose color one would have observed at Maytham Hall. An illustration by M. L. Kirk in one edition of *The Secret Garden* shows Dickon standing before Mary, Colin, and the gardener Ben Weatherstaff. Behind Dickon stands a rose standard of bright yellow flowers. Those roses are an anachronism, for the first such deep, pure yellow roses did not enter commerce until 1920 under the name of 'Souvenir de Claudius Pernet', hybridized by Pernet-Ducher. The book was published in 1911.

The gardens and walkways were especially "sumptuous" in June (her adjective). Frances then would not infrequently invite two to 30 guests for the weekend, although some stayed longer. (One guest was Henry James who lived nearby at the time.) Those weekends were occasions for extravagant leisure: strolls in the gardens, walks in the "Fairy Wood" of her private park, games of lawn tennis and croquet, lounges in hammocks or on cushions in the shade, excursions to Hastings (think: William the Conqueror, 1066) or Canterbury (think: Thomas À Beckett and *Murder in the Cathedral*), dramatic readings, dinner, cigarettes in the smoking room afterward, and dancing – a mere weekend in the country.

But all came to an end when the grand manor house was sold. And so she moved to Long Island where she commissioned a huge house built, yet smaller than Maytham, which she named Plandome Park, overlooking Manhasset Bay. There she lived with her son Vivien (her other son had died of tuberculosis at age 16) and gardened from spring through fall. Detesting the cold winters of New York, she spent the hiemal months in Bermuda.

A list of roses written in her own hand discloses at least some of the roses in the front, circular garden of her new house. Among them are several still in commerce. 'Grace Darling' and 'Red Radiance', both old hybrid teas, yet 30 years apart, were two, but of 'Red Radiance' – really a strong pink or weak red dissolving into a moderate pink – she wanted more. The still popular rich red 'Gruss an Teplitz' also graced this garden bed, as did three carefree tea roses, 'Franceska Krüger', 'Mme Lombard', and 'Marie van Houtte'. The latter she aptly described as "canary yellow, deeper center, border of petals tipped with rose." Not least and apparently growing at both residences, a Pernetiana of 1905, was 'Lyon Rose', a flower she extolled as "coral red or salmon pink shaded with chrome yellow in the center, very fragrant and hardy. A truly magnificent rose. Absolutely distinct." Frances knew her roses. And it is altogether likely, though not self-evident nor incontrovertable, that some of these roses at Plandome Park also had adorned Maytham Hall.

The old crimson-red china rose of 1832, 'Cramoisi Supérieur' also bloomed at Plandome Park, but whether on the front garden or other is not clear. The same is true of the 1911 hybrid tea 'Sunburst' bred by Pernet-Ducher, a low, somewhat spreading rose with few prickles, its cadmium yellow deepening variably to coppery yellow or yellow orange.

One of Frances Burnett's favorite and most valued books was authored by Dean Reynolds Hole, *A Book about Roses*, one she consulted frequently. Dean Hole, she said, was to roses what Boswell was to Johnson. It is a book many rosarians still read today.

Like Dean Hole who had a vision, which he and a few others realized by founding the world's first rose society, Frances Hodgson Burnett had the vision, as one writer expounded, to perceive of roses as more than gifts or table decor, for more than landscapes and shows; they were also for bowers, for swagging from trees, for adorning walls, roses above, roses below, roses to the side; roses blended in a medley of plants, roses overhead and at elbow and foot, a delicious, delirious surround of roses.

Frances died of cancer in 1924 at age 74. She is not forgotten. *The Secret Garden* has been re-issued many times and has not gone out of print. Today in Central Park's Conservatory Gardens, a Burnett memorial fountain, featuring the sculptures of Mary Lennox and Dickon, splashes its water into a pool below.

Showing Good Roses

contributing editor Dr. Joe Bergs, Exhibitor, Horticulture Judge, Consulting Rosarian

LET THEM SHOW!

WHEN THE ARS EXHIBITION COMMITTEE was created, one of its top priorities was to increase the accessibility, frequency, and size of rose shows. One of the proposals the committee has discussed is allowing judges to enter rose shows and compete in all classes. Historically, judges have generally not been allowed to compete in all classes due to concerns about fairness. These concerns, however, are outweighed by the many benefits that would flow from allowing judges to compete in all classes.

First and foremost, it would increase the number of roses entered in a show. At our local show in June 2022, for example, we had 205 roses with eight judges. If each judge had brought 10 roses, that would have increased the total by almost 40 percent! Second, allowing judges to compete would help them to continue honing their skills and to appreciate the difficulty of delivering a good rose to the show. Third, it is getting harder and harder to find judges and many times top exhibitors don't want to judge local shows because they don't want to give up the opportunity to compete. Finally, it is fun to exhibit and compete!

When the Exhibition Committee discussed this proposal, we discovered that many rose societies and districts have come up with some creative ways to allow judges to compete. We wanted to share some of these options with you.

Choose Your Own Adventure

One option is to have the judges pick the classes they want to compete in ahead of time and then not allow them to judge those classes. This option can take one of two formats. In the first format, judges pick whether they want to compete in the large

classes (hybrid teas, climbers, shrubs, old garden roses, etc.) or the small classes (minis, minifloras, polyanthas, etc.). In the second format, judges choose the specific classes they want to compete in. The first format makes it easier for the chair of judges to coordinate the judge schedule while the second option provides more flexibility for the competing judges.

Step Back and Smell the Roses

Another option is to have the judges enter whatever classes they want without selecting them ahead of time and then ask them to step back whenever one of their roses is up to be judged. This option makes it easy for the chair of judges to coordinate the judging schedule and provides flexibility for the competing judges but it can put more pressure on the other judges when a judge's rose is up to be judged.

Rocky Mountain High

The Rocky Mountain District Show offers a unique option. In that show, judges first identify all the blue-ribbon roses and then they all go back and vote for first, second and third or Queen, King and Princess using a weighted system that awards 10 points for first, seven points for second, and five points for third. Because there were 12 judges and all of the judges judged all of the classes, any one vote became a small percentage of the total vote. Allowing judges to enter added 147 blooms to the show representing 42 percent of the total with 82 blue ribbons representing 50 percent of the total. They surveyed the judges after the show and 86 percent of the judges felt that they judged their roses fairly and 14



percent felt they judged their own roses too harshly. The tallying was a bit cumbersome, but it allowed maximum flexibility for the competing judges. This system might not work for small shows with fewer judges, however, because any one judge would represent a larger percentage of the total vote. The survey of the membership overall indicated a high degree of approval of the experience of judges bringing roses to compete in the open classes.

Higher Math

We judged and brought roses to a show in Charlotte, South Carolina and the chair of judges Robert Myers just asked exhibitors to let him to know which classes that they would be entering when they got there and somehow he was able to arrange the judging so as to avoid them judging their own roses. This may require an advanced degree in mathematics!

In light of the foregoing, the Exhibition Committee believes that it is possible and indeed beneficial for judges to compete in shows without compromising fairness. We encourage societies and districts that have tried other options to share them with us. For those societies and districts societies that have never allowed judges to compete, try one of the options above and give us feedback!

Putting it into Practice

It is exciting to note, that for the first time in ARS history, judges will be able to enter all open classes at the National Rose Show being held in Shreveport on Friday, May 6. Linda Clark, National Rose Show Chair has included this rule in the schedule:

1. Judging shall be in accordance with rules and regulations of the American Rose Society, and all decisions of the judges are final. Blue ribbon winners will be eligible for awards. All judges judging this show are encouraged to exhibit in the open classes, except for the 5 classes where queens are judged, D31, F36, E41, H44, K48. They are not eligible to enter National Challenge classes. When registering please notify, exhibiting or not exhibiting, as there will be teams made and placed accordingly.

BELOW, LEFT TO RIGHT: Robert Myers judging roses at Biltmore; Judges discussing roses, photos Jack Page. RIGHT, TOP TO BOTTOM: Judging should not exclude you from participating in showing, photos Jack Page.





Rosarian's Toolbox

contributing editors Dr. Gary O. Rankin and Dr. Monica A. Valentovic

Choosing Roses

OVER THE LAST FEW YEARS, we have discussed a lot of different products that are useful in helping grow good roses. But as we start a new year, let's think about a product that is critical to growing good roses – the rose itself! Growing a good rose should start with a quality plant, and one that will grow well in your area.

When it comes to selecting a rose to grow, you need to consider the source of the rose, what grade it is, does it grow on a rootstock or own roots, and many other features. A good place to start is picking a healthy rose to buy. When buying larger roses (e.g. hybrid teas) from a company, the roses are usually shipped bare root. Bare root roses are graded into three grades based on the quality of their development. Grade 1 roses are the best and must have at least three canes at least 5/16 inch in diameter, or about the diameter of a pencil. A grade 1.5 rose must have at least two canes at least 5/16 inch in diameter, while a grade 2 rose must have one strong cane at least 5/16 inch in diameter and at least two canes that are 1/4 inch in diameter. If we are buying bare root roses, we always buy grade 1, as they typically develop faster and are more vigorous than lower grade roses.

We use a similar approach in selecting potted roses to buy at our local nurseries and other retailers. We first ensure that the potted roses fit the criteria for a grade 1 rose. Next, we place a couple of potential roses of the same variety next to each other and check how many strong canes are present. We inspect the growth habit of each bush and look for new canes starting to break from the bud union, which is a good sign. We also determine if canes will need to be removed because of damage or crossing other canes and consider the overall impact removing those canes will have on the quality of the bush. When it comes to buying roses locally, we buy potted

roses as described above and avoid buying bagged or boxed roses. These roses arrive early in spring at our local businesses and always tempt Gary to take them home! However, most of these roses were harvested the previous year, have their roots cut to fit into the bag or box and frequently have their canes dipped into wax to prevent them from dehydrating. Many of these roses are also grade 1.5 or 2.0.





While these roses may eventually catch up to grade 1 roses, it will usually take much longer for them to develop and thrive.

Most old garden roses and miniature roses are sold as own root roses, while most hybrid teas, grandifloras, and floribundas are sold as budded roses. Own root roses are produced from rooting cuttings taken from a rose of the same variety. The cutting is normally dipped into a rooting compound (e.g. Rootone, Dip 'N' Grow, etc.) which contains plant hormones (i.e. auxins such as indole-3-acetic acid) to promote growth and root development before being placed into sandy soil or other rooting mixtures. It can take two to three years before some own root roses are large enough to sell.

Budded roses are created when a bud eye from a rose cane is placed into a T-cut into the primary cane of a rose rootstock plant. Once the bud eye has been accepted by the rootstock, the growth above it can be removed and the bud eye grows into a new rose bush. The bud union of a rose bush can be seen as where the original bud eye was placed. Dr. Huey is the most commonly used rootstock for commercial rose production because it accepts buds easily and grows well in a broad range of climates. However, budded roses are also sold on rootstock from *Rosa multiflora*, *Rosa fortuniana*, Manetti and others. The function of the rootstock is to help feed the rose and grow the rose more robustly than if it were on its own roots. Each rootstock has advantages and disadvantages. Roses budded on multiflora rootstock grow well in our area, while roses grown on fortuniana rootstock often have trouble surviving in our colder winter environment. However, roses grown on fortuniana root-



stock are vigorous, grow extremely well in sandy soil, and thrive in southern warm, humid climates. The proof came home to us, when we were visiting the garden of Bob and Sandy Lundberg in Bluffton, South Carolina and marveling at the huge rose bushes growing in their yard. We noticed a 4 ft. bush covered with over 50 beautiful yellow single blooms which turned out to be the single miniature My Sunshine budded on fortuniana rootstock. At our home in West Virginia, our own root My Sunshine was only 18 inches tall and never had more than six blooms at one time! We have purchased several roses grown on fortuniana rootstock from K & M Nursery and found that planting them in more protected areas of our yard allows the bushes to survive and grow well.

Roses may also be purchased as "maidens". A maiden rose normally comes as a bare root rootstock budded with a bud eye from the rose of interest. You plant or pot the rootstock and when the leaves emerge, you cut the rootstock off, or "top" it, at an angle just above (~1/4 inch) the budded portion of the cane. Soon, the bud eye begins to swell and grow, and before long, your new rose is growing! We have purchased several roses as maidens budded on multiflora rootstock from Wisconsin Roses, and by following the provided directions, have added beautiful, new roses to our garden. Just remember that maidens will take up to two years longer to develop than roses purchased in a nursery, but the fun of watching them start from just the bud eye is well worth it!

OPPOSITE PAGE, TOP TO BOTTOM: Bareroot Grade 1 budded hybrid tea rose; a maiden rose, bud eye from hybrid tea budded onto multiflora rootstock; ABOVE, LEFT TO RIGHT: Topped maiden rose with bud eye visible; New cane starting to grow from topped maiden, photos Dr. Rankin & Dr. Valentovic.



The Makers of Beautiful Roses

contributing editor Jeff Wyckoff, ARS President 2009-2012

Chris Warner

THE RECENTLY FORMED ARS ROSE HYBRIDIZERS HALL OF FAME has focused the deserved spotlight on the most important people in the world of roses: the breeders, the men and women who are responsible for the beautiful flowers we enjoy; those who in many cases have sifted through thousands of seedlings to select the very best to introduce, who have considered such things as fragrance, disease resistance, growth habit and other factors in addition to sheer beauty in determining the keepers. Just as some

artists are well rewarded for their efforts while others are less so, so do some rose breeders make a living through hybridizing while for others it can be considered a hobby. However, the terms “professional” and “amateur” are hardly relevant here as many in the latter group have years of experience and knowledge and whose output, while perhaps not as extensive, in many cases equals the quality of the former.



The emergence and recognition of sudden oak death syndrome some three decades ago made a detrimental impact on the international traffic of plants of all types. While previous U.S.D.A. border inspections of plants entering the U.S. had in many cases been perfunctory, as had quarantine rules and regulations, S.O.D. changed all of that, for both individual and professional importation of roses. While firms like Star Roses that had long-term relationships with European outlets like Meilland were less impacted, American companies that only occasionally carried introductions from breeders like McGredy, Dickson, Kordes, and almost all of those in the U.K. were more affected, reducing their inflow from “occasionally” to “seldom”. While Kordes roses are now available through Star and those from Delbard are coming through Certified Roses, those from the U.K. remain few and far between. The “Easy” series from Harkness through Weeks, ‘Day Breaker’ from Fryers, and a few others made it in, but the dearth of most U.K. varieties on the American market remains. Two exceptions to this situation are most notably the roses from David Austin, whose company has their own American headquarters as well as growing



fields. The other are new as well as older varieties from Chris Warner.

A name likely little known to most U.S. rose growers, Chris Warner has been hybridizing roses for more than 35 years at his nursery in Shropshire. According to the *2022 Combined Rose List* nearly two dozen of his creations were carried by a dozen U.S. and Canadian nurseries last year, the majority of these by Proven Winners, to include the four shrub varieties listed in the Sept/Oct issue of the *American Rose* making their initial American appearance. All in all, his output of cultivars runs to more than 100 roses of all types and families.

Warner's first rose was 'Laura Ford' (CHEwarvel), a climbing miniature. The seed parent was 'Anna Ford' an orange blend miniature, while the pollen parent was a mix of 'Elizabeth of Glamis', 'Galway Bay' and 'Sutter's Gold'. CHEwarvel is 'Laura Ford's' "code

name", a designation approved by the International Cultivar Registration Authority that identifies a variety and remains with it no matter how many and which "fancy" or commercial names it may accrue as it moves from country to country, i.e. 'Madame A. Meilland' in France becoming 'Peace' in the U.S. The code name is chosen by the hybridizer or the "owner" of the rose, and the first three letters are generally capitalized. The story goes that Warner chose the first two letters of his given name, a vowel, and then the first letter of his surname, rather than simply WAR, so that his roses would not be confused with those of William Warriner, the long-time hybridizer for Jackson & Perkins. This is despite the fact that all of Warriner's rose bore the code name that identified their "owner", JAC, just as those from Weeks'

OPPOSITE, TOP TO BOTTOM: Chris Warner; Warner Roses, photo courtesy The Plant Hunter;
ABOVE: 'Laura Ford', photo courtesy Gregory Roses, U.K.



breeders began with WEK.

'Laura Ford' began a string of some two dozen miniature climbers that were to issue forth from Warner's hands over the next 25 years. Most of these have disappeared from the U.S. market but a handful can still be found. While a few floribundas and even a couple hybrid teas were to appear during this time, over a dozen large flowered climbers were introduced, two of which, 'Above All' and 'Scent from Above' are still sold in the U.S. However, Warner's "passion", if you will, was finally to shift and take fruit.

In 1975, after years of failed attempts, Jack Harkness came up with two viable offspring of *r. persica*, the only species in the rosa subgenus hulthemia, which he named 'Tigris' and 'Euphrates'. Cited in John Lindley's *Rosarum Monographia* of 1820 as *rosa berberifolia* and appearing as Plate #2 in Redoute's *Roses*, *persica* is a small shrubby plant native to Afghanistan, Iran and the surrounding area bearing single yellow blooms with a distinctive red "eye". 'Euphrates' turned out to be completely sterile, but Harkness, as well as other English breeders to include Chris Warner, began working with 'Tigris'. A Warner cross of 'Tigris' with 'Baby Love', a yellow miniature from Len Scrivens, in the 1990s resulted in 'Afghan Girl' (CHEwtiggle), with blooms looking much like those of 'Tigris'. CHEwtiggle went on to win a Certificate at the R.N.R.S. Trial Grounds in 2001, and Chris Warner's Hulthemia hybrids were off and running.

In the last 20 years Warners Roses has released some dozen

ABOVE: TOP TO BOTTOM: 'Tigris', photo credit www.vivaioflordirosa.com; 'For Your Eyes Only', photo credit www.yougarden.com.

OPPOSITE, TOP: 'Oso Easy Urban Legend', photo www.homenursery.com; OPPOSITE, TOP, LEFT TO RIGHT: 'Summertime', photo Roses Forever U.K.; Chris Warner receives 2017 Rose of the Year award for 'Scent from Heaven', photo courtesy Chris Warner.



Hulthemia hybrids onto the market. Some of their original names play off the “eye” from their distinctive blooms, but these have, for whatever reason, been changed when they appeared on the U.S. market. 'Angel Eyes' has become 'Ringo Double Pink®', 'For Your Eyes Only' is now 'Ringo All Star™', and 'Golden Eye' has morphed into 'Rise Up Ringo®', and 'Eye of the Tiger' is simply 'Ringo'. All of these changes are the work of Spring Meadow Nursery, a partner of Proven Winners (although I would have personally associated 'Ringo' with Star Roses). Proven Winners also carry a half-dozen Warner roses under the titles “Oso Easy...” all of which are all low-growing shrubs without any hulthemia blood.

In almost 40 years of hybridizing Chris Warner has created more than 100 roses. His main areas of interest have been climbers, shrubs and hybrid hulthemias. His influence on this latter category, one that has expanded exponentially in the last 20 years or so, has been tremendous. According to www.helpmefind.com there are now more than 300 offspring of *r. persica* in existence, to include varieties from such major nurseries as Star Roses, Weeks, Kordes, Dickson, Harkness, Interplant, Jan Spec Nurseries, the collection of the late Ralph Moore, Tantau, Glanavon Roses

in New Zealand, two French nurseries, and a number of independent breeders in the United Kingdom.

Warner's contributions to the world of roses continue to be acknowledged. In 2005 he received his first Rose of the Year (R.O.T.Y.) award from the British Association of Rose Breeders for his yellow climbing mini 'Summertime', of which his first creation 'Laura Ford' was the seed parent. In 2015 he won his second R.O.T.Y. for 'For Your Eyes Only'/'Ringo All Star', and in 2017 his third for 'Scent from Heaven'/'Barbara Ann'. Finally, this year he was awarded the Dean Hole Medal, the U.K.'s highest rose award named after Samuel Reynolds Hole, longtime Dean of Rochester Cathedral, an inaugural recipient of the Royal Horticultural Society's Victoria Medal of Honor and considered the “father” of British rose growing.

Chris Warner's creations, from climbers to shrubs to hulthemias, have made a tremendous impact on the wide world of roses, and will hopefully continue to do so for many years to come.

My title for this column is a nod to one of my favorite books, Jack Harkness' The Makers of Heavenly Roses, which I would highly recommend.



Visual Impact

Tips and information on photographing roses

Contributing editor Pam Powers; Guest author Rich Baer, Horticulture Judge & Award Winning Masters Level Photographer, e-mail: rosesxrich@gmail.com

Macro Photography: Where do I begin?



WHEN DISCUSSING ROSE PHOTOGRAPHY there are thousands of different rose blooms but the approach to getting beautiful results is much the same for any one of them. The best advice about photographing roses that I recommend when talking about rose photography, “if you want to produce beautiful pictures of roses, start out with beautiful roses.” With Macro Photography you need to find something that has visual appeal and take a photograph to bring out what you initially saw that intrigued you. But when it comes to Macro Photography, where do we start looking and what are we looking for?

Equipment

I use the same photography equipment for everything I do, and that includes a single lens reflex camera. Currently, I use a *Cannon D5* digital camera, which replaced a *Cannon Rebel* digital camera, which replaced my *Canon F1* which was a film camera. The current camera is equipped with a 100mm Macro lens which allows me to focus on images close to the camera, such that the image on the film or sensor is the same size as the object being photographed. This allows the image when printed, or projected, to be much larger than the original object. In camera nuance this is usually called Macro Photography. It is also possible to photograph images through a microscope for even greater magnification.



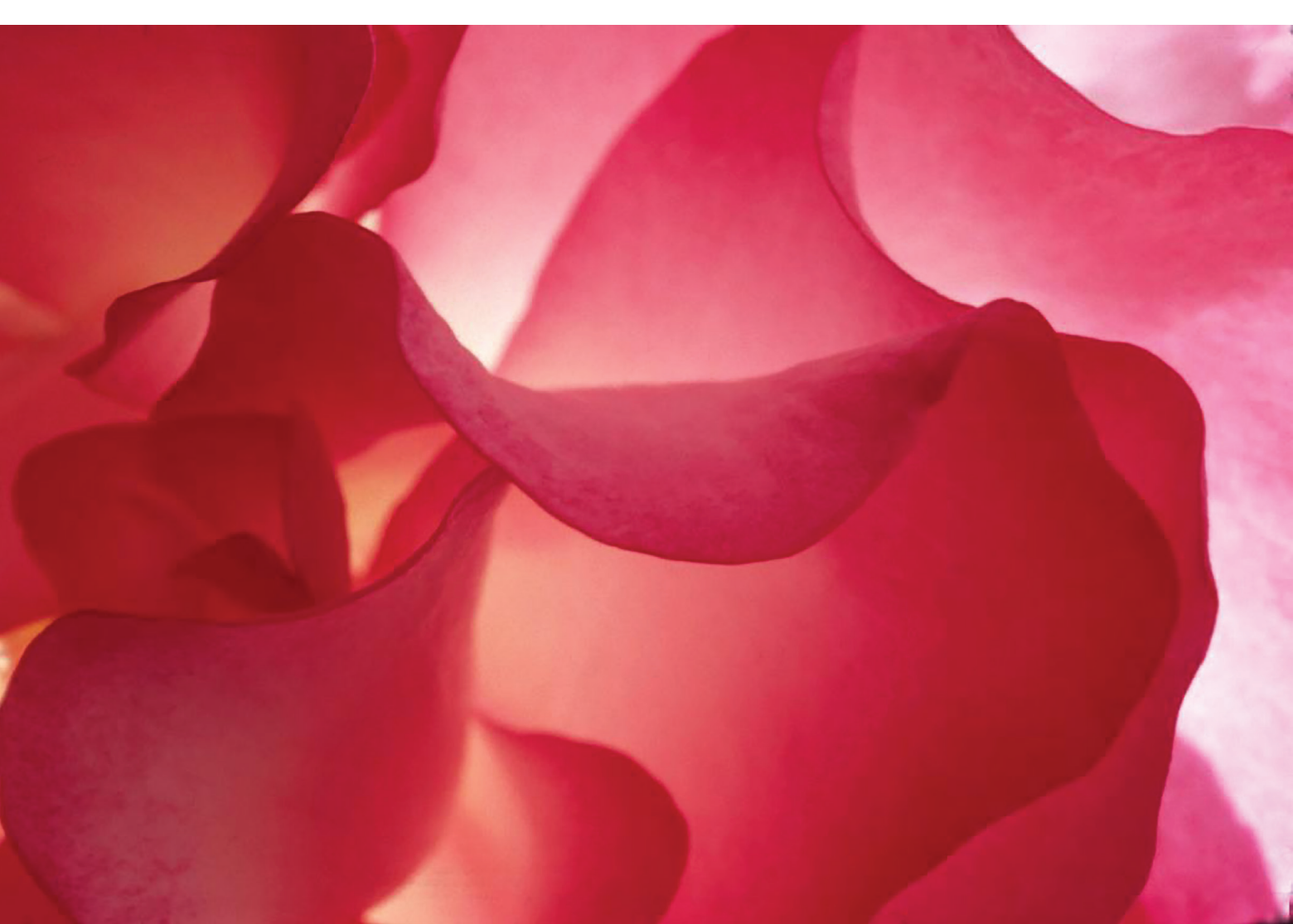
Technique Applied to Rose Parts

As far as technique is concerned, you just need to control the lighting, stage the object to get on file what you want and use small aperture settings to get great depth of field so that your photos will be sharp. I learned many skills related to Macro Photography while photographing insects in the garden to use for teaching purposes in the rose society. So, I had trained my brain to think small when I was in the garden, which allowed me to find good candidates for those Macro insect photos.

If you want to compete in a judged contest, it is always good to know what the judges are looking for in choosing the winners. In my very first contest in 1991, I was fortunate to be awarded six awards, one being for an abstract photograph of 'Medallion' stamens which won a fifth place award. As I look back on this photograph, I believe that it would be a very good example of Macro Photography today.

Stamens continue to attract my attention. Every rose has unique reproductive parts and some of them make for beautiful photographs.

OPPOSITE PAGE: 'Stormy Weather' Prickles;
THIS PAGE, TOP TO BOTTOM:
'Medallion' stamens; 'Dainty Bess' Stamens; 'Sally Holmes' Stamen Shadows, all photos Rich Baer.



One of my favorites is 'Dainty Bess', with a mass of purple stamens that I have photographed many times. When looking at stamens, you may also find that the stigmas and styles also present some beautiful photo opportunities.

Again, I have my favorites because I have discovered their beauty. One is 'Hannah Gordon' because of the great color contrasts between the bright yellow of the stamens and stigmas and the bright red of the styles. While you are looking at stamens, you might just find an attractive Macro photo of the shadows they produce on the nearby petals. Shadow photos may take some preparation time to move the bloom around to get the shadows just as you would like them to look, but the results are usually excellent.

More Macro Photo Ideas

Other plant parts can also make great Macro photos. A part that I always check out is the prickles on any

variety. An absolute favorite of mine for many years was *Rosa sericea omeiensis pteracantha*, the 'Wingthorn Rose', with its very large translucent red prickles. I added it to my garden just so I could photograph the prickles, which I did extensively.

They do not have to be photographed as they appear on the bush, but can be cut and arranged as I have done in many of my photos of them. Another interesting subject can be photos of the developing prickles on young stems which I have done on roses like 'Fortune' and 'Stormy Weather'. It does require that you look closely at many different rose varieties to find those that will yield unique pictures. In the 1992 contest, a photograph that I took was basically taken inside a bloom of the rose 'Hannah Gordon'. It was selected as the best overall photo in the abstract or impressionism division. The overall effect was one of abstraction, but it was taken up close, so it might be seen today as a Macro photo.

OPPOSITE PAGE, TOP TO BOTTOM: 'Hannah Gordon' Petals; 'Sparrieshoop' Stipules;
BELOW: *Rosa sericea omeiensis pteracantha*, "Thorny Situation", all photos Rich Baer.





In 2014, the photographic committee added the Class of Macro Photography to the American Rose Society Photo Contest. This has allowed photographers to do close-up work without thinking about the final photos being able to fit the abstract or impressionism theme. So what kinds of objects that you find in the garden will provide good opportunities for a winning Macro photo? It is imperative that you need to think small and always be on the lookout for something that might be interesting or beautiful in a photo.

Some of the possible subjects that have proven to be successful for me include glands. Certain varieties of roses produce small glands; one such variety is 'Chapeau de Napoleon'.

Many of the moss roses have very intricate epidermises which can lead to very interesting close-up photographs of them. One of the speakers at a National convention that I attended presented information on polyantha

roses. He mentioned the large stipules that are common among this class of roses. That sent me on a quest to discover and photograph stipules, which are the structures that are at the base of each leaf.

The speaker was correct about polyanthas, but many other roses had interesting stipules as well. I spent weeks trying to find a technique to take photos of them to look like what I pictured in my mind. I finally succeeded and produced some winning photos of stipules close up. I found that the best stipule examples on plants that were not polyanthas and that sent me searching for more.

These are just a few suggestions as to where to begin to look for objects for Macro Photography entries in the ARS Photo Contest. There are many others, but you have to be constantly on the lookout for potential candidates. Some other possibilities that I have exploited over the years are raindrops on various parts of the rose plant, including leaves. If you live where winter

ice is a possibility, photographing ice on various plant parts often leads to some beautiful close-up pictures. Another possibility that I discovered recently in the garden was exogenous seeds. That is a condition when seeds develop outside of the hip. Often, they produce a very photographable situation that you can capture as a Macro photo.

The rose garden provides great possibilities for producing beautiful and interesting Macro photographs. I hope that these suggestions get you to thinking about possibilities. But one suggestion to potential photographers is to start thinking small when you are looking for possibilities for photos in your rose garden.

I have been a participant in the annual American Rose Society Photo Contest every year since 1991. The contest was inaugurated in 1980 in one form or another and is still currently going strong in this its 43rd year. I love writing articles and teaching others about photographing roses because more participants in the contest is always a plus.

Even if you decide to not to do any Macro Photography, please check out the rules for entering the contest at [Rose.org/photography](https://www.americanrosesociety.org/photography) in 2023. There are many other categories to enter with worthy candidates that you have taken in your garden. Win or lose, I find it to be a very rewarding experience to participate in activities such as the American Rose Society Photo Contest.

OPPOSITE PAGE: Raindrops on Roses!; BELOW: Exogenous Seeds 'Coup de Foudre', all photos Rich Baer.



2022 Roses in Review RESULTS

DON SWANSON • RIR NATIONAL COORDINATOR • DONSWAN45@AOL.COM

The 2022 Roses in Review survey results are detailed in the following pages. Results are shown for varieties receiving at least 10 reports. Tables showing the varieties with the highest ratings in several categories are also included.

The averaged results are displayed to one decimal place; i.e., 7.1. A rose rated below 7 will not be in my garden unless there is a sentimental attachment. A rose rated 7 (Average) will have me looking deeper into how that rose grows in my area before I buy it. It may grow well in Omaha but not elsewhere. If a rose is rated 8 (Very Good), that is probably a pretty good rose, but I will still do my due diligence to be sure it grows well in Omaha. I look especially hard at a rose rated 9 (Excellent) that has a lot of reports as I know that indicates either a very good advertising campaign or a great rose that has found favor with a lot of growers. (Advertising can play a role in how many people grow a rose, but they will drop the rating quickly if it is not a good rose.) A reminder, a “10” should be very rare.

I am sure you have noticed we ask you to rate roses on height, disease resistance and fragrance. We do not report them in the national summary as regional variances cause all measures to move towards average, becoming meaningless. The metrics are provided to the District RIR Coordinators to share with you in your district publications, where the regional ratings are more pertinent. We use the national fragrance averages to choose a rose to receive the Members' Choice for Fragrance Award.

Twenty percent of ARS members participated in the survey, up four percent from last year. We hope that is the start of a trend, but we still need more of you to grow and then report on new roses. Sixty-six percent of reporters were Consulting Rosarians this year, up from 61 percent last year. CRs are the heart and soul of the review process, but many CRs report growing none of

the newer roses – give them a try.

The District RIR Coordinators have worked hard to get participation in RIR. I have read their requests for help in almost every local and district bulletin. The district with the most reporters 222, up from 173 last year, was again the NCNH District. At least 98 percent of NCNH CRs participated in RIR. This district is not the largest district within the ARS, but it always turns out a large number of reporters. Pacific Southwest had the next most reporters with 145, an increase of 12. The district with the highest ratio of reporters to number of ARS members was also NCNH with a ratio of 33 percent. The next nearest district, North Central, had 32 percent of members reporting, followed by New York with 26 percent.

This is the first time in my memory that a district led in both categories – Great work NCNH!

The number of reviewers for every district would have been larger if only everyone pressed “Submit” after each review; instead, we received many empty (no data) reviews.

My thanks go to all the people who served as District RIR Coordinators this year. They did a good job staying on schedule and getting the paper-submitted RIR forms entered. They also kept RIR in front of you in district publications.

Jon Corkern, Executive Director of ARS, devised the *Survey Monkey* entry method. Jon spent a lot of his personal time answering my questions and testing the process.

The major difficulties continue to be:

1. Reporters not answering the first question, “Is this your first report for this year?” correctly. It should always be “Yes” on your first entry each year.

2. Failing to press “Submit” at the end of each rose reviewed or at the end of the report of none grown.

Thanks go to Beth Smiley of the ARS staff who makes sure our survey list and results go into the ARS magazine correctly, with my crooked columns straightened out.

Order some new roses! Support the hybridizers and nurseries. Bring new roses to your garden and to your local rose shows. Of course, then you will be able to report on those new varieties’ performance in Roses in Review.

Thanks to all of you who participated by reporting on the newer roses you grow. Without you, Roses in Review and the Handbook for Selecting Roses would not exist. Remember next year - answer “Yes” on your first report and press “Submit” following each report.

TOP TEN ROSES IN GARDEN AND EXHIBITION

The Top Roses charts this year are based on ratings and the number of reports.

TOP TEN BIG ROSES GARDEN RATINGS

Variety	Type	Color	Rpts	Rating
Cherry Frost	LCI	mr	41	8.9
Celestial Night	F	m	148	8.7
Silver Lining	F	m	10	8.7
Dancing Pink	F	dp	33	8.6
Tottering-By-Gently	S	my	26	8.6
Sweet Spirit	Gr	rb	43	8.5
The Lark Ascending	S	ob	20	8.5
True Friendship	F	my	11	8.5
True Passion	HT	or	34	8.5
True Sincerity	F	yb	14	8.5

TOP BIG ROSES EXHIBITION RATINGS

Variety	Type	Color	Rpts	Rating
Marilyn Moore	S	ly	18	8.8
Dancing Pink	F	dp	33	8.7
Eustacia Vye	S	op	17	8.5
Clovie	HT	op	22	8.2
Hot Prince	HT	rb	64	8.2
Liz’s Charm	HT	m	25	8.2
Della Reese	HT	dp	26	8.1
Cherry Frost	LCI	mr	41	8.0
Stiltetto	HT	dp	65	8.0
Vibrant Vonnie	HT	w	10	8.0

TOP LITTLE ROSES Miniature, Miniflora, Polyantha GARDEN RATINGS

Variety	Type	Color	Rpts	Rating
Pretty Polly Pink	Pol	dp	24	8.6
Pretty Polly White	Pol	w	21	8.5
Pretty Polly Lavender	Pol	m	23	8.4
Vernon Rickard	MinFl	pb	25	8.4
Petite Knock Out	Min	mr	40	8.2
Life’s Little Pleasures	Min	m	21	8.1
Midnight Fire	Min	r	14	8.1
Swizzle	MinFl	yb	19	8.1
Pink Pearl	Min	pb	19	8.0
Southern Girl	Min	op	16	7.9

TOP LITTLE ROSES Miniature, Miniflora, Polyantha EXHIBITION RATINGS

Variety	Type	Color	Rpts	Rating
Vernon Rickard	MinFl	pb	25	8.8
Swizzle	MinFl	yb	19	8.4
Shanay	Min	yb	11	8.2
Pink Pearl	Min	pb	19	8.1
Pretty Polly Pink	Pol	dp	24	8.1
Aristides	MinFl	ab	28	8.0
Southern Girl	Min	op	16	7.8
Irene Marie	CIMin	yb	13	7.7
Midnight Fire	Min	r	14	7.6
Pretty Polly Lavender	Pol	m	23	7.6
Dream Catcher	MinFl	rb	19	7.6
Children’s Hope	Pol	mr	32	7.5
Pretty Polly White	Pol	w	17	7.5

2022 ROSES IN REVIEW

FLORIBUNDAS & POLYANTHAS

Variety	Color	Garden	Show	Reports
Arctic Blue	m	8.2	7.5	65
Bright & Shiny	ab	8.2	7.7	11
Brindabella Purple Prince				
	m	8.1	7.5	26
Burst of Joy	op	8.0	7.8	46
Celestial Night	m	8.7	7.8	148
Cream Veranda	ab	8.5	7.7	17
Dancing Pink	dp	8.6	8.7	33
Eyeconic Mango Lemonade				
	y	7.9	7.8	13
Life of the Party	yb	7.7	7.1	51
Marc Chagall	pb	8.1	7.7	17
Pink Brick House	dp	8.4	7.7	16
Queen of Elegance	pb	7.8	7.5	32
Silver Lining	m	8.7	7.9	10
True Friendship	my	8.5	7.8	11
True Sincerity	yb	8.5	7.6	14
White Lies	w	8.3	7.7	14

POLYANTHAS

Variety	Color	Garden	Show	Reports
Pretty Polly Lavender Pol				
	m	8.4	7.6	23
Pretty Polly Pink Pol	dp	8.6	8.1	24
Pretty Polly White Pol	w	8.5	7.4	21

GRANDIFLORAS

Variety	Color	Garden	Show	Reports
Fun in the Sun	ab	7.7	7.4	28
Fun in the Sun	ab	7.7	7.1	29
Pop Art	pb	7.8	7.4	20
State of Grace	yb	8.1	7.4	58
Sweet Spirit	rb	8.5	7.6	43

HYBRID TEAS

Variety	Color	Garden	Show	Reports
Beautiful Day	ab	8.0	7.7	20
Clovie	op	8.0	8.2	22
Della Reese	dp	8.2	8.1	26
Enchanted Peace	ab	7.9	7.7	32
Hot Prince	rb	8.1	8.2	64
Julie Andrews	pb	7.9	7.4	41
Liz's Charm	m	8.2	8.2	25
Love at First Sight	rb	8.2	7.7	49
Painted Pocerlain	pb	7.8	7.6	39
Perfume Factory	m	7.7	7.5	38
Robert Bruce	my	7.7	7.9	32
Stiletto	dp	8.5	7.7	65
True Passion	or	8.8	7.8	34
Vibrant Vonnie	w	8.0	8.9	10

CLIMBERS

Variety	Color	Garden	Show	Reports
A Night of Magic	rb	7.7	7.7	27
Cherry Frost	mr	8.9	8.0	41
Golden Opportunity	dy	8.1	7.9	18
Highwire Flyer	dp	8.1	7.7	19
True Gratitude	dp	8.2	7.7	15

MINIATURES

Variety	Color	Garden	Show	Reports
Irene Marie CIMin	yb	7.8	7.7	13
Life's Little Pleasures	m	8.1	7.4	21
Midnight Fire	m	8.1	7.6	14
My First Love	rb	7.8	7.5	11
Petite Knock Out	mr	8.2	6.9	40
Pink Pearl	m	8.0	8.1	19
Shanay	yb	7.6	8.2	11
Southern Girl	op	7.9	7.8	16

RESULTS

MINIFLORAS

Variety	Color	Garden	Show	Reports
Aristides	ab	7.6	8.0	28
Swizzle	yb	8.1	8.4	19
Vernon's Laugh	pb	8.4	8.8	25

SHRUBS & OLD GARDEN ROSES

Variety	Color	Garden	Show	Reports
Alfred Sisley	ob	8.2	7.9	30
Chinook Sunrise	op	8.4	7.7	10
Emily Bronte	pb	7.9	7.4	29
Eustacia Vye	op	7.8	8.5	17
Gabriel Oak	dp	8.0	7.6	23
In Your Eyes	yb	8.1	7.4	18
James L Austin	dp	8.1	7.6	28
Marilyn Moore	ly	8.4	8.8	18
Oso Easy Double Pink	dp	7.8	7.7	10
Ringo	yb	8.1	7.5	15
Ringo All-Star	pb	8.1	7.2	12
Sunset Horizon	yb	8.0	7.4	12
The Lark Ascending	ob	8.5	7.4	20
The Mill on the Floss	mp	8.0	7.4	10
Tottering-by-Gently	my	8.6	7.8	26
Vanessa Bell	ly	8.1	7.6	21

Thank You!
To the 2022 District Coordinators

BUCKEYE DISTRICT

Cheryl Menard • Maumee, Ohio

CAROLINA DISTRICT

Frank Van Lenten • Liberty, South Carolina

CENTRAL DISTRICT

John Riley • Overland Park, Kansas

COLONIAL DISTRICT

Pam Powers • Centreville, Virginia

DEEP SOUTH DISTRICT

Joseph Wood • Wetumka, Alabama

GREAT LAKES DISTRICT

Carol Holtrop • Bad Axe, Michigan

GULF DISTRICT

Susan Burke • Lake Charles, Louisiana

ILLINOIS-INDIANA DISTRICT

Jim & Kaye Wessbecher • Lincoln, Illinois

NEW YORK DISTRICT

Richard Giese • South Wales, New York

NORTH CENTRAL DISTRICT

Margaret Barr • Port Washington, Wisconsin

NCNH DISTRICT

Deb Arrington • Sacramento, California

PACIFIC NORTHWEST DISTRICT

Karen Madsen • Puyallup, Washington

PACIFIC SOUTHWEST DISTRICT

Kathy Monge • Santa Ana, California

PENN-JERSEY DISTRICT

Tim & Mary Hahn • Parlin, New Jersey

ROCKY MOUNTAIN DISTRICT

Collette Morton • Broomfield, CO

SOUTH CENTRAL DISTRICT

Carol Shockley • Conway, Arkansas

TENARKY DISTRICT

Jeff Garrett • Soddy Daisy, Tennessee

YANKEE DISTRICT

Paul Raymond • Swansea, Massachusetts

Call for Nominations

MINIATURE & MINIFLORA ROSE HALL OF FAME

Dr. Jim Hering, Chairman, ARS Miniature/Miniflora Rose Committee

The ARS Miniature and Miniflora Rose Hall of Fame honors miniature and miniflora roses that have stood the test of time in commerce for at least 20 years. Now, it is your opportunity to participate in this process by sending in your nomination(s), (five or less). A short list of the most popular miniature and miniflora roses that are 20 years or older can be found at the end of this article. Criteria for the Hall of Fame can be summarized as follows:

1. The variety must have been introduced at least 20 years prior to the year the award is given. Introduction date will be verified by the latest edition of *Modern Roses*.
2. There can be multiple winners in any year.
3. Varieties for consideration are solicited from the general membership through an announcement in *American Rose* and on the ARS website and in district and local bulletins. Nominations are to be sent by May 1, 2023 to: **Dr. Jim Hering • 1050 Kingwood Drive • Marion, OH 43302 • rosehering@roadrunner.com**
4. The Chairman of the Miniature/Miniflora Rose Committee will prepare the tabulations for selection by the full committee by ballot.
5. Formal announcement of the winner(s) will appear in *American Rose*.

A BRIEF LIST OF ELIGIBLE MINIATURE & MINI-FLORA ROSES

Amy Grant	Anne Hering	Baldo	Behold	Camden
Charismatic	Crazy Dottie	Climbing Rainbow's End	Dorothy Rose	Elfinglo
Erin Alonso	Halo Today	Jennifer	Jilly Jewel	Judy Fischer
Lady E'owyn	Louisville Lady	Marriotta	Maurine Neuberger	Memphis Queen
Millie Walters	Mobile Jubilee	Neon Cowboy	Peaches'n'Cream	Peachy Queen
Pixie Dust	Ruby Pendant	Ruby Ruby	Salute	Sam Trivitt
Seattle Scentsation	Si	Simplex	Stars 'n' Stripes	Sweet Chariot
Sweet Diana	Tennessee	Toy Clown	Vista	

SOME ROSES ELIGIBLE FOR THE FIRST TIME THIS YEAR

Alexandria's Rose	Anna Marie	Auntie Marie	Betty Lou
California Heart	Charmer	Chattooga	Class of '73
Exhibitionist	Halo Glory	Harm Saville	Haylee Denise
Heather Sproul	Honey Bee	International Gold	Jerry Lynn
Joanne's Wedding	King's Mountain	Lang Havey	Life Lines
Little Amy	Little Sister	Little Wendy	Lucky Lucy
Luscious Lucy	Magic Moment	Miss Megan	Miss Melanie
Miss Paula	Moonlight Scentsation	Nancy Jean	Nemesis
Nolpeg	Pam Tillis	Pauline	Peter Cottontail
Rocky Top	San Francisco Sunset	Sierra's Smile	Sublime
Summer Night	Tammy Darlene	The Governor	Valentine's Day
Whoop De Doo	Year 2000	Yellow Bird	Yellow Sunblaze



ABOVE, LEFT TO RIGHT: 'Butter Cream', photo Dona Martin; 'Foolish Pleasure', photo Jim Hering; 'Memphis King', photo Bob Martin.

HALL OF FAME INDUCTEES

- | | |
|---|--|
| <p>1999: 'Starina', 1964, Meilland
'Beauty Secret', 1972, Moore
'Magic Carrousel', 1972, Moore
'Rise 'n' Shine', 1977, Moore
'Party Girl', 1979, Saville</p> <p>2000: 'Cinderella', 1953, de Vink
'Mary Marshall', 1970, Moore</p> <p>2001: 'Green Ice', 1971, Moore
'Jeanne Lajoie', 1976, Sima</p> <p>2002: 'Cupcake', 1981, Spies</p> <p>2003: 'Snow Bride', 1982, Jolly
'Little Jackie', 1982, Saville</p> <p>2004: 'Minnie Pearl', 1982, Saville
'Red Cascade', 1976, Moore</p> <p>2005: 'Jean Kenneally', 1986, Bennett
'Rainbow's End', 1986, Saville</p> <p>2006: 'Giggles', 1987, King
'Black Jade', 1985, Benardella</p> <p>2007: 'Pierrine', 1988, Williams</p> <p>2008: 'Irresistible', 1989, Bennett
'Fairhope', 1989, Pete & Kay Taylor</p> <p>2009: 'Luis Desamero', 1988, Bennett
'Gourmet Popcorn', 1986, Desamero
'Tiffany Lynn', 1985, N. Jolly</p> <p>2010: 'Chelsea Belle', 1991, Taylor
'Grace Seward', 1991, Bennett
'Fancy Pants', 1986, King</p> | <p>2011: 'Kristin', 1992, Benardella
'Olympic Gold', 1983, N. Jolly</p> <p>2012: 'Hot Tamale', 1993, Zary
'X-Rated', 1993, Bennett</p> <p>2013: 'My Sunshine', 1986, Bennett
'Peggy "T"', 1988, King
'Winsome', 1984, Saville</p> <p>2014: 'Incognito', 1995, Bridges
'Soroptimist International', 1995, Benardella</p> <p>2015: 'Glowing Amber', 1996, Mander</p> <p>2016: 'Miss Flippins', 1997, Tucker</p> <p>2017: 'Bees Knees', 1998, Zary</p> <p>2018: 'Autumn Splendor', 1999, M. Williams
'Cachet', 1997, Tucker</p> <p>2019: 'Arcanum', 2000, Tucker
'Popcorn', 1975 Morey</p> <p>2020: 'Dancing Flame', 2001, Tucker
'Linville', 1989, Bridges
'Old Glory', 1988, Benardella
'Scentsational', 1995, Saville
'Solar Flair', 2004, Benardella</p> <p>2021: 'Breath of Spring', 2002, Bridges
'Conundrum', 2002, Tucker
'Dr. John Dickman', 2002, Bridges</p> <p>2022: Foolish Pleasure, 2003, Clemons;
Butter Cream, 2003, Martin;
Memphis King, 2003, Wells</p> |
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VISITING GARDENS IN ENGLAND &
DEVELOPING MY *Garden Style*





BY KIMBERLEY DEAN, THE ROSE GEEK

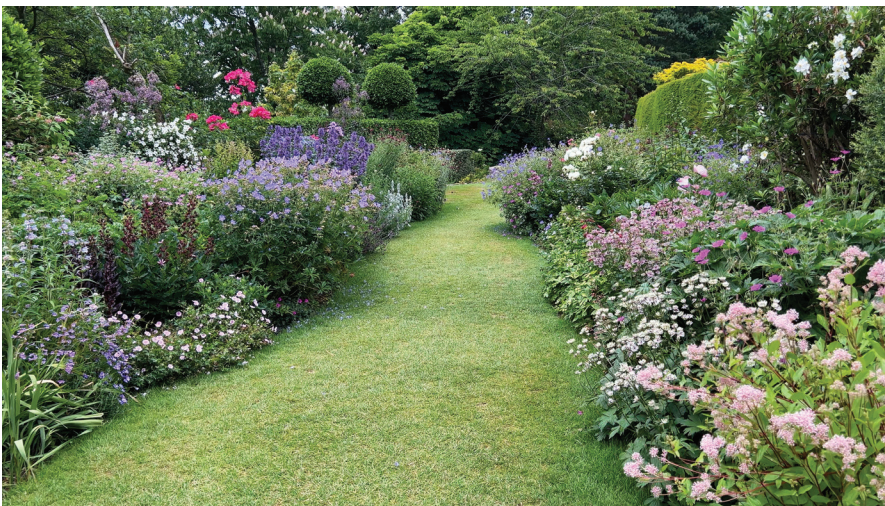
If you aren't familiar with me or my *YouTube* channel, my name is Kimberley and I create videos online focused on my love for roses. I LOVE roses. In fact, I love ALL roses and haven't met a rose yet that I don't like. This summer, I was thrilled to join a week-long all-inclusive English garden tour. Our tour included visits to David Austin, Coughton Court, Hidcote Manor, Kiftsgate Court, Mottisfont Abbey, Pashley Manor, Sissinghurst Castle, and four private personal gardens (Michael Marriott, David Austin, Clinton Lodge and Redenham Park). In many of the gardens the tour group had exclusive or early access which gave us the opportunity to take in the garden undisturbed.

As I toured each of the beautiful gardens, I felt like I had a crash course (visually) on how to create the garden of my dreams. I'll share my favorite views from the tour.

The first garden on the tour was Mottisfont Abbey (both photos on left). The walled garden had masses of Old Garden Roses overflowing with pink, deep red and white. I have never seen that many roses in one garden. It felt like it was the size of a football field. I tried to walk around the perimeter of the garden to allow my mind to slowly take in the structure and colors, but the perimeter paths gave view into the main gardens with an explosion of color as far as my eyes could see.

As I wasn't familiar with the garden, the masses of color felt overwhelming for me. This garden didn't allow me to slowly get used to the structure and color and then build up to a crescendo. It was a full concert of color from the first step into the garden. I thought about my garden(s) and how it must feel to those that experience it for the first time and considered the changes that I will make in the next season to help it feel more welcoming.





Hidcote Manor was even larger than Mottisfont and in contrast each garden of Hidcote felt like a separate room that was relaxing and balanced. I couldn't see beyond each garden room and that gave my mind the ability to take in all that it offered and not be overwhelmed by competing views.

As I entered the gardens of Hidcote, I was welcomed by a white garden (pictured left) with boxwood, white roses, and white and silver companion plantings. The garden felt very calming and helped my senses to transition to the following gardens. I enjoyed the formal structure of the white garden and also the less-structured borders that flowed over the paths.

Hidcote also had a red garden that offered a tranquil view with the repetition of color (page 53, bottom).

The takeaway from Hidcote for me was that I like defined rooms and symmetry in color.

PAGE 52, TOP & BOTTOM: Mottisfont Abbey; PAGE 53, TOP & BOTTOM: Hidcote Manor.

THIS PAGE, TOP TO BOTTOM: Hidcote Manor; Kiftsgate Court; Kiftsgate Court. RIGHT, TOP TO BOTTOM: Pashley Manor, all photos Kimberley Dean.





Kiftsgate Court was another favorite garden for me. As I entered the garden, I was greeted by pink roses ('Lavender Lassie' and 'Lavender Pinocchio') with purple companion plants. This garden was perfectly balanced with a sundial in the center (below left).

Beyond this garden were deep perennial beds (pictured middle left). This garden begged me to walk back and forth, seeing something different each time. As I thought about the size of my current garden beds, I realized that I wanted to increase the depth a bit so that I could add more perennials amongst my roses.

Pashley Manor (pictured this page) supports local artisans featuring unique statuary throughout. My favorite garden at Pashley was the rose garden (surprise, surprise). I enjoyed the symmetry of this garden and 'Chandos Beauty', a light pink rose, flanking the grass path walkway.

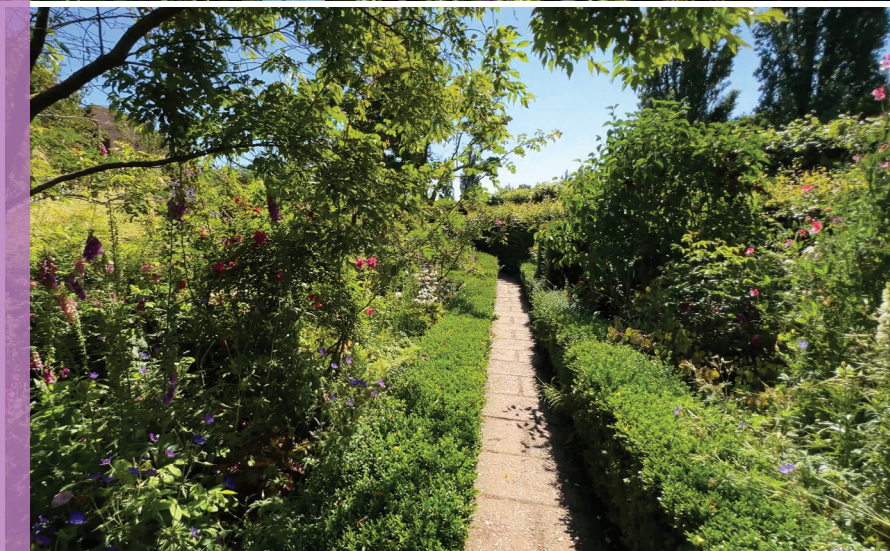
There was a single bench within the rose garden flanked with the rose 'Waterloo'. This garden





“

This garden featured Old Garden Roses and I was really drawn to the deep reds. I typically plant my companions in a contrasting color...



reinforced my love of symmetry in color and mass plantings.

Sissinghurst Castle offered early entry to our group and I really appreciated not having to navigate the narrow paths with other groups.

This garden featured Old Garden Roses and I was really drawn to the deep reds. I typically plant my companions in a

contrasting color, but I really enjoyed seeing Knautia, Astrantia, Poppies, and Sweet Pea placed next to a rose in a similar color.

Sissinghurst felt like Mottisfont in that it was a walled garden and I couldn't initially put my finger on what it was missing to feel cozy and peaceful. Now that I am looking at the pictures, I realize exactly what it was missing. The paths were extremely narrow and although they have evergreen hedges to define the space, they had tall plantings at the front of the beds that obscured the view. My preference would be to move the taller plants to the back of the

ABOVE, TOP & BOTTOM: Sissinghurst Castle; OPPOSITE, TOP TO BOTTOM: David Austin Private Garden; David Austin Private Garden; David Austin Display Garden, all photos Kimberley Dean.





bed to allow a greater view of the rooms they were trying to create.

David Austin offered an exclusive tour to our group of David Austin's private garden. I hoped to see what roses were planted that Mr. Austin enjoyed the most from all that he had created. The garden was very welcoming with a reflecting pool, statue and of course peacocks wandering the premises. To my surprise, the roses weren't labeled, but as this was Mr. Austin's private garden, I am sure he knew each and every variety.

While at David Austin display gardens, I saw varieties that I've only seen in pictures to include 'Morning Mist', 'Blue for You', and the new releases for Europe 2022. I wanted to touch every rose, measure the bloom, and smell the roses. Time wouldn't allow me to totally "geek out", but I did my best.

The takeaway from visiting the display garden(s) was the impact of mass planting of a block of color. I enjoyed seeing three or more of the same rose planted two to three feet apart to appear as one large rose bush.



“

My favorite garden bed is shown here. The beds were approximately 100' long.

At Coughton Court, the tour was led by the current owners. They were jovial and felt like friends from the moment I met them. From the extensive gardens at Coughton Court, there were two gardens that especially brought me joy. My favorite garden bed is shown above and below. The beds were approximately 100' long. I loved seeing one bed dedicated to warm colors and another in the same room dedicated to cooler tones. With the grass between the two beds, it offered tranquility between two totally different color schemes.

I also really enjoyed the personal gardens of Michael Marriott, Lady Collum (Clinton Lodge), and Lady Olivia Clark (Redenham Park). There is something so special about meeting the owner and hearing what was important to them in creating the garden.

One of the key takeaways for me from visiting these personal gardens is that I need to stop being so critical of my garden and its blemishes. If people notice the



WATCH THE TOUR





imperfections, my hope is that it will provide comfort that no garden is perfect. In addition, I hope by sharing my garden that those who visit will have takeaways (positive or negative) to help create the garden of their dreams.

My favorite gardens were balanced in structure and color. I look forward to visiting the gardens again in the future to see if I feel the same way in each garden and what new takeaways I might have. The only disappointment

from the tour was that many of the gardens don't label their roses.

In the event that you are not able to visit in person, please consider watching the 4K walking tours that I captured through videos. You can access the *YouTube* playlist through the QR Code on the opposite page below. My hope is that you too will have takeaways of your own to create the garden of your dreams!

OPPOSITE PAGE, TOP, LEFT TO RIGHT: David Austin Display Garden, Coughton Court; OPPOSITE PAGE, BOTTOM: Coughton Court; THIS PAGE, ABOVE: Michael Marriot's personal garden; BELOW: Clinton Lodge Lady Collum, all photos Kimberely Dean.



Developing Sustainable Rose Cultivars OF THE FUTURE

David Byrne and Oscar Riera-Lizarazu

Department of Horticultural Sciences, Texas A&M University

Mark Windham

University of Tennessee

WHAT IS A SUSTAINABLE ROSE CULTIVAR? A sustainable rose is well adapted to the environment in which it is grown. Thus, a sustainable cultivar has good tolerance to a range of biotic (disease, insect) and abiotic (soil conditions, drought, heat) stresses.

Why are sustainable roses important? Two major consumer trends across the green industry are the desire for convenience and environmental stewardship. These trends are easily recognizable in roses by looking at a survey done of the rose community and at a marketing study that looked at the “willingness to pay” for specific rose traits. In both studies the most important and valuable traits consumers wanted in their new cultivars were adaptation traits such as heat tolerance, drought tolerance and disease resistance. These adaptation traits



CLOCKWISE FROM TOP: Figure 1. Black spot disease on rose. This is a major fungal disease of rose throughout the world. Figure 2. Witches' broom or rosette symptoms of the rose rosette disease caused by the rose rosette emaravirus. OPPOSITE, LEFT TO RIGHT: Figure 3. Hyperthorniness, thickened stems and reddish shoot symptoms of the rose rosette disease.



were more highly valued than ornamental traits. The consumer wants a beautiful garden that takes care of itself without needing chemical sprays. To make this happen, we need well-adapted, sustainable rose cultivars.

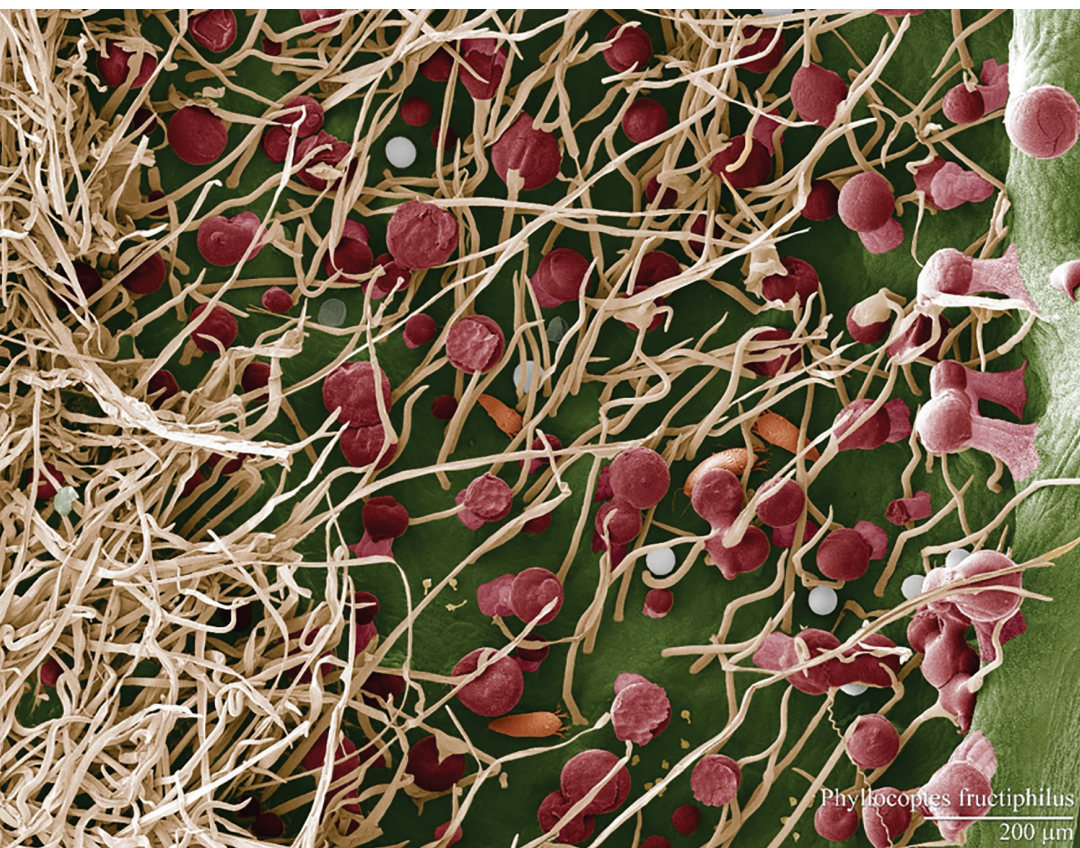
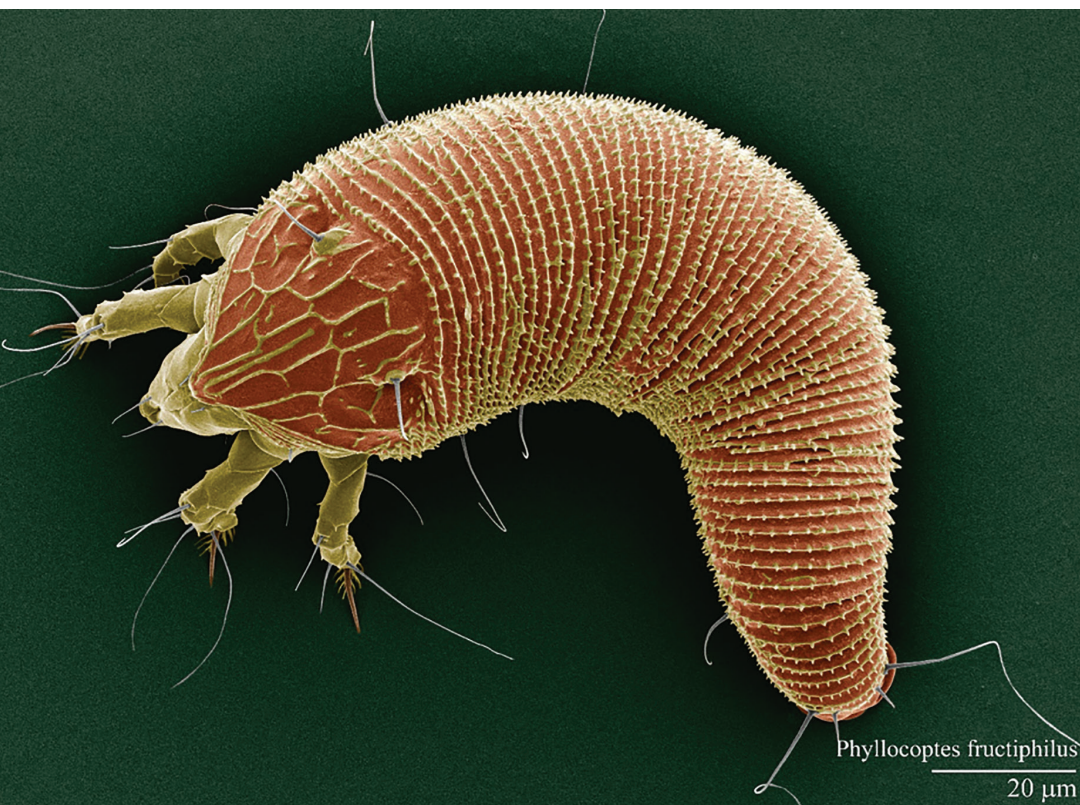
In a recent survey that we did in collaboration with the American Public Gardens Association of public gardens throughout the USA, we found that the two most damaging and most expensive diseases to manage are black spot (Fig. 1) and the rose rosette disease (RRD) (Fig. 2-3).

These thoughts led to the development of the newly funded Specialty Crop Research Initiative project entitled, “Developing Sustainable Rose Landscapes via Rose Rosette Disease Education, Socioeconomic Assessments, and Breeding RRD Resistant Roses with Stable Black Spot Resistance” or “Developing Sustainable Roses” for short.

This project is a continuation of research funded by the American Rose Society and Specialty Crop Research Initiative. The first research on the management of RRD and breeding for RRD resistance was funded by the American Rose Society. This funding was key in doing the preliminary research needed for developing a proposal in a large federal program. The first successful SCRI rose proposal took shape after an industry-organized (Star Roses and Plants and Garden Rose Council) conference about rose rosette disease that brought together all the stakeholders to better define the problem and chart out a plan to resolve it. At this time RRD (Fig. 2-3) was rapidly spreading among cultivated roses east of the Rockies and the cause of the disease was just recently identified as a virus. The first SCRI project, “Combating Rose Rosette Disease” (2014-2019), was focused on the rose rosette disease. During this project we developed the diagnostics for the RRV, basic knowledge about the biology of both the virus and the vector mite (*Phyllocoptes fructiphilus*) (Fig. 4-5), and management approaches

to control RRD, evaluated hundreds of roses for their resistance to RRD, created genetic populations to identify the genetic basis of resistance, developed molecular tools to accelerate the breeding of RRD-resistant roses, and established a web site (roserosette.org) with maps of the distribution of and the best information available for the identification and management of RRD.

A marketing study showed that consumers are more willing to pay a premium for adaptation traits (disease resistance, drought and heat tolerance) versus ornamental traits. This confirmed the results of a previous survey done in collaboration with the Rose Hybridizers Association that showed that the rose community thought disease resistance was more important than ornamental traits in a new rose cultivar. Finally, an economic assessment calculated that RRD-resistant rose cultivars would be worth \$35 million per year to the rose industry. At the time this project ended in 2019,



TOP TO BOTTOM: Figure 4 . *Phyllocoptes fructiphilus* the eriophyid vector mite of the rose rosette emaravirus. Photo courtesy of Dr. Ronald Ochoa of the Electron and Confocal Microscopy Unit of the USDA, Beltsville, MD. Figure 5 . *Phyllocoptes fructiphilus* , the vector of the rose rosette emaravirus hiding among regular and glandular hairs on the surface of a rose leaf. Photo courtesy of Dr. Ronald Ochoa of the Electron and Confocal Microscopy Unit of the USDA, Beltsville, MD.

we had established genetic populations in Tennessee to assess the genetic basis of resistance to RRD but had yet to finish the evaluation in the field.

Concurrently another large SCRI project included research on developing molecular tools to accelerate the breeding for black spot resistance in roses. This project, “RosBreed: Combining disease resistance with horticultural quality in new Rosaceous cultivars” (2014-2019), dealt with a range of Rosaceae fruit crops (apple, peach, cherry, almond, strawberry, blackberry) and the ornamental crop of rose. The rose research examined the genetic basis and attempted to identify molecular markers for both dominant, vertical or race-specific resistance and quantitative, horizontal or partial resistance.

Dominant gene resistance prevents specific pathogen races from reproducing and growing on their plant host. The genes are highly effective at stopping an infection of specific pathogenic races but not against any other races. Thus, this resistance can be overcome by the pathogen. Currently we know of 13 pathogenic races of black spot and have identified four dominant black spot disease resistance (Rdr1, Rdr2, Rdr3, Rdr4) genes. For resistance to be effective with these genes, multiple Rdr genes need to

be incorporated into a rose cultivar. For example, Rdr4, which protects the rose from multiple pathogenic races, was initially very effective at controlling the disease in our research plots in Texas but after three years the protection had disappeared, most probably because the race that could overcome the resistance had become our predominant black spot race. Nevertheless, stacking multiple genes can lead to broad-spectrum resistance. Thus, these genes are important in the fight against black spot. This work has been done at the University of Minnesota (Dr. Stan Hokanson) and at the University of Wisconsin, River Falls (Dr. David Zlesak).

Quantitative resistance is conditioned by multiple genes that work to decrease the growth of the fungus in the plant, although it does not necessarily prevent the fungus from infecting and reproducing. In contrast to the dominant gene resistance, quantitative gene resistance is not pathogenic race specific. Thus, these quantitative genes condition resistance for all pathogenic races and do not “break down” over time with changes in the pathogen race composition in the field. The downside

is that the level of resistance is generally not as high as with the dominant gene resistance. It is likely there will be some disease in the field which will vary depending on the weather conditions. This work was done at Texas A&M University (Drs. David Byrne, Oscar Riera-Lizarazu and Patricia Klein). The logical approach is to combine both types of resistance to maximize the strength and stability of the resistance to this disease. By the time this project ended, we had established genetic populations in the field but had not fully evaluated them for black spot resistance.

We were able to continue the field evaluations in Tennessee for RRD and in Texas for black spot, thanks to funding from the Texas A&M University and the Basye Endowed Chair in Rose Genetics as well as donations to the programs in Tennessee and Texas from the American Rose Society, the Rose Garden Council and more than 100 small donations from rosarians through the GoFundMe campaigns coordinated by Pat Shanley and Paul Zimmerman. Without this additional research funding, we would have lost years of work during the

TABLE 1: Collaborators in the Developing Sustainable Rose SCRI project

NAME	EXPERTISE	INSTITUTION	CITY, STATE
David H. Byrne	Director, Breeding and Genetics	Texas A&M University	College Station, TX
Oscar Riera-Lizarazu	Co-director, Breeding and Genetics	Texas A&M University	College Station, TX
Akhtar Ali	Virology	University of Tulsa	Tulsa, OK
Charlie Hall	Economics and Marketing	Texas A&M University	College Station, TX
John Hammond	Plant Pathology	USDA, ARS	Beltsville, MD
Francesca Hand	Extension, Plant Pathology	Ohio State University	Columbus, OH
Stan Hokanson	Breeding and Genetics	University of Minnesota	Saint Pail, MN
Ramon Jordan	Plant Pathology	USDA, ARS	Beltsville, MD
Patricia Klein	Molecular Genetics	Texas A&M University	College Station, TX
Joesph La Forest	Extension, Computer Sci.	University of Georgia	Tifton, GA
Ronald Ochoa	Entomology	ARS, USDA	Beltsville, MD
Francisco Ochoa Corona	Virology	Oklahoma State Univ.	Stillwater, OK
Bode Olukolu	Plant Pathology	University of Tennessee	Knoxville, TN
Kevin Ong	Extension Plant Pathologist	Texas A&M University	College Station, TX
Marco Palma	Economics and Marketing	Texas A&M University	College Station, TX
Luis A. Ribera	Economics and Marketing	Texas A&M University	College Station, TX
Jeanmarie Verchot	Virology	Texas A&M University	College Station, TX
Jean Williams-Woodward	Extension, Plant Pathology	University of Georgia	Athens, GA
Mark Windham	Extension, Plant Pathology	University of Tennessee	Knoxville, TN
David Zlesak	Breeding and Genetics	University of Wisconsin	River Falls, WI

time we did not have funding from a federal agency. This funding allowed us to finish up the evaluation of the field plots as well as the genotyping of the materials in the laboratory. Thus, we had all the information to be able to do the analysis.

Although the previous projects advanced our knowledge of the pathogens, enhanced our molecular tools and gave us a basic understanding of sources of resistance to the pathogens, we still lacked one piece of the puzzle to fully understand the genetics of the resistance. Our initial work had focused on diploid (those with two sets of chromosomes) rose genetics. Unfortunately, although there are many diploid roses (many wild species, China, Noisette roses), the majority of commercial garden and cut flower roses are triploid (three sets of chromosomes) or tetraploid (four sets of chromosomes). These polyploid roses have much more complicated genetics and we did not have the computational tools to properly analyze the data, limiting our ability to identify the genes and associated molecular markers key to accelerating our breeding progress. From this frustration the Tools for Polyploids project evolved. The development of this project began in 2018 with a Planning meeting during which computational geneticists, molecular geneticists, polyploid crop breeders, and genomics

companies gathered to discuss what we knew, what we needed to know and to devise a plan to fill in the gaps of knowledge that we had. From this we crafted a SCRI proposal entitled, “Tools for Genomics-Assisted Polyploid Breeding” that was funded in 2020. The project brings together the best computational geneticists in the world (University of Wisconsin, North Carolina State University, Wageningen University (Netherlands) and Plant and Food Research (New Zealand)) with plant breeders from multiple polyploid crops (roses, blackberry, potato, sweet potato, turf grass, kiwifruit) to improve and test the computational tools for the genetic analysis of polyploids. We have made tremendous progress. This project has enabled us to efficiently analyze the genomic data to identify the genes controlling RRD and black spot resistance and to identify the best parents to use in our breeding program. Working with the data generated from the two previous projects and the computational tools from the Tools for Polyploids project we have identified specific genes that condition resistance to RRD, black spot and cercospora leaf spot in both diploid and tetraploid roses! This has been a leap forward.

The results of these three projects were combined to create this new project with the long-term goal

TABLE 2: The Advisory Board of the Sustainable Rose SCRI project

NAME	ORGANIZATION	OCCUPATION	LOCATION
Jennifer Gray	AmericanHort	Research Programs	DC
Pat Shanley	American Garden Rose Selections	Director	NY
Diane Sommers	American Rose Society	President	LA
Gaye Hammond	American Rose Trials for Sustainability	Director	TX
Michael Shoup	Antique Rose Emporium	Grower, Garden Center	TX
Allen Owings	Bracy and Clegg Nurseries	Horticulturist	LA
Bruce Hellerick	Brightview	Landscape management	MD
Tim Burge	David Austin Roses	Rose Grower	UK
Tyler Francis	Francis Roses	Rose Grower	AZ
Stephen Scanniello	Heritage Rose Foundation	President, Consultant	CT
Dan Waterhouse	Neuhouse Farms	Rose Grower	CA
Thomas Ranney	North Carolina State University	JC Raulston Professor	NC
Judson LeCompte	Spring Meadow Nursery	Product Development	MI
Michele Scheiber	Star Roses and Plants	Research Director	PA
John Karlik	University of California Extension	Extension	CA
Jim Luby	University of Minnesota	Apple Genetics	MN
Christian Bedard	Weeks Roses	Rose Breeder	CA

TABLE 3: Rose industry and community collaborators in the Sustainable Rose SCRI project.

COLLABORATOR	MEETING SPONSORSHIP	RESEARCH SUPPORT	EXTENSION SUPPORT	OUTREACH
Agdia		X		
American Public Garden Association				X
American Rose Society	X	X	X	X
American Rose Trials for Sustainability				
Bailey Nursery		X	X	X
Ball Horticulture				
Botanica, The Wichita Gardens			X	X
Bracy's Nursery			X	X
Brightview			X	
Certified Roses	X	X		
Chambersville Farms	X	X	X	
Clegg's Nursery				X
David Austin Roses	X	X		X
Dumbarton Oaks Gardens			X	X
Francis Roses	X	X		
Greenheart Farms		X		
Grower Talks				X
Heritage Rose Foundation			X	X
Longwood Gardens	X			X
Memorial Park			X	
Minneapolis Park and Recreation Board			X	
Missouri Botanical Garden			X	X
Monrovia		X	X	
National Gardening Association				X
Neuhouse Farms	X	X	X	
New York Botanical Garden			X	X
Paul Zimmerman Roses				X
Plug Connection (Altman Specialty Plnt)	X	X		
Prides Corner Farms	X	X	X	X
Rose Chat				X
SSC Grounds Management			X	X
Smithsonian Gardens				X
Spring Branch Management			X	
Spring Meadows Nursery	X		X	X
Star Roses and Plants (Ball Hort. Co.)	X	X	X	X
Texas Nursery and Landscape Assoc.				X
Tulsa Garden	X		X	X
Weeks Roses		X	X	X
Woolf Roses	X	X		

of developing sustainable rose landscapes based on cultivars resistant to RRD and black spot. The project team is a national network of researchers, extension specialists (Table 1), industry and rose community partners (Table 2 and 3) who have over the last decade built research infrastructure and information toolkits to develop and deploy sustainable RRD and black spot resistant rose cultivars and information. This project has the following four aims.

AIM 1

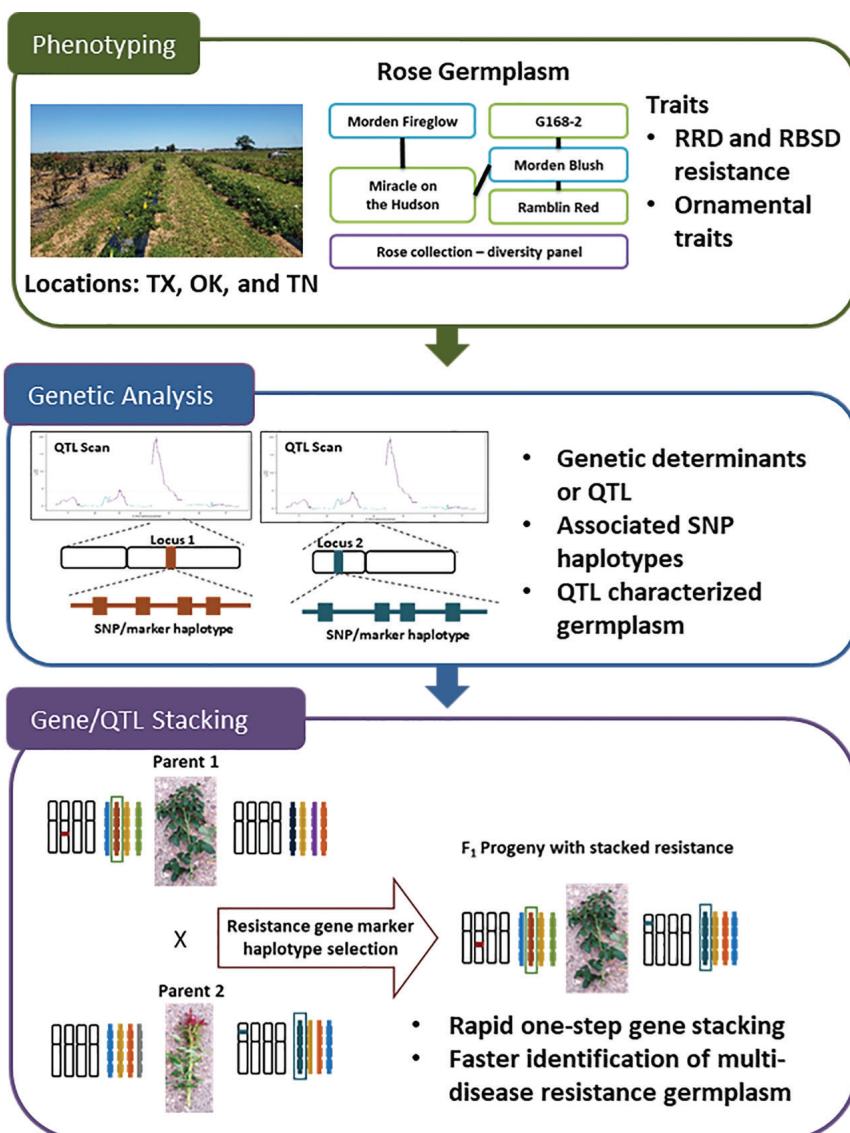
Characterize the host plant interaction with RRV and vector mite (*Phyllocoptes fructiphilus*). In previous work we discovered a range of resistance to RRD among ~250 roses we trialed in Tennessee and Delaware as well as identified a major gene that conditions resistance to RRD in the field. However, we do not know why the roses were resistant nor if all the resistant roses are resistant for the same reason. This is critical information to utilize the resistance properly and ensure that it is stable. Thus, we will compare virus movement and reproduction and mite biology (efficiency of viral transmission/acquisition, mite reproduction, feeding behavior) on a series of susceptible and resistant roses to determine the mechanism of resistance. In other systems, the plant has been able to prevent or impede virus movement or replication or mite feeding behavior, reproduction or even their ability to acquire and transmit the virus. Ideally, we will find several mechanisms conferring resistance to the disease and will be able to combine these into one rose to increase the strength and stability of the resistance.

Another aspect of this disease complex is the genetics of the virus

which is changing constantly due to the relatively high mutation rate seen among RNA viruses. Thus far, we have not detected important genetic variation in the ~100 virus strains that we have sequenced but more systematic examination is needed. We have noticed that some roses appear “resistant” in some locations but in other locations appear “susceptible”. At this point, we do not know if the rose managed to escape infection at one location but not the other or if there are strains of the virus that differ in their ability to infect roses at the different sites.

AIM 2

Establish a breeding platform to enable the development of adapted and commercially acceptable RRD and black spot resistant roses. This part of the project has research performed in the laboratory, greenhouse and field. The fieldwork involves searching for additional roses that show resistance to RRD and black spot disease. We will be planting identical trials of ~200 roses in Texas, Oklahoma and Tennessee to do our field evaluations for disease incidence. We hope to discover some unique sources of resistance to both diseases. This will be combined with laboratory and field work to assess the race specificity of black spot resistance and the virus/mite



mechanism conferring resistance to RRD in a selected set of promising resistance sources (Figure 6).

In previous genetic studies we identified several genes conferring RRD and black spot resistance from cultivars with the species *Rosa wichuriana* in their background. In this series of experiments, we will identify resistance genes from roses with *Rosa arkansana* and *Rosa spinosissima* in their parentage. In addition, we will characterize dominant black spot resistance genes from the varieties 'Ramblin Red', 'Baby Love' and 'Frau Dagmar Hartopp'. As we will be genotyping all of these roses, we will be able to locate the resistance genes on the rose chromosomes and identify specific markers (unique DNA sequences) that are physically linked to the resistance genes.

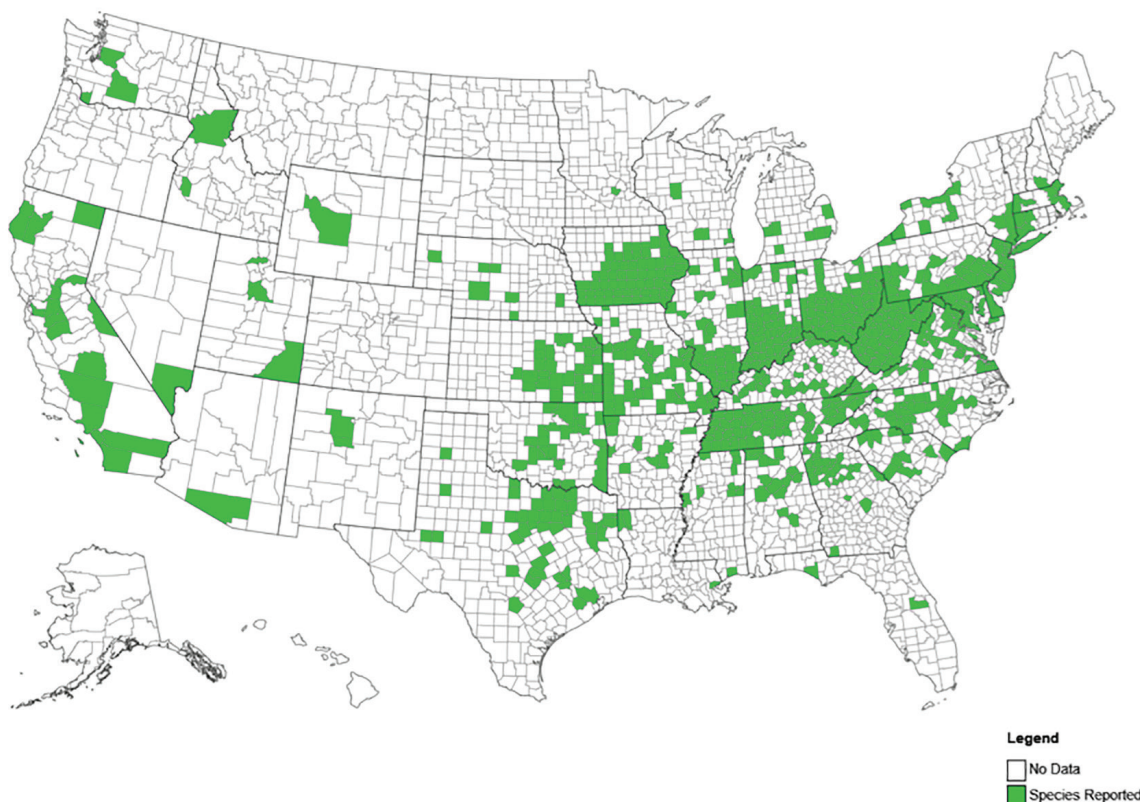
Why is this important? First, it is important because it allows us to characterize potential parents, not only if they are resistant or not but which genes and how many copies of each resistance gene they carry. Quantitative gene resistance acts additively in nature, which means that the more copies of the genes the plant has, the higher level of resistance it displays.

Secondly, if we use markers to determine if a plant has the resistance gene or not, we could do the selection on young plants in the greenhouse within several months of germination. This approach shortens the breeding cycle. In garden rose breeding it generally takes two years to make the hybridization and grow the seedlings in the greenhouse before they go to the field for disease

OPPOSITE: Figure 6. Genomic breeding platform for the accelerated stacking of RRD and RBSD (rose black spot disease) resistance genes to create sustainable rose cultivars.

TABLE 4: Approaches for the management of rose rosette disease

APPROACH	COMMENTS
Virus Control	
Virus tested roses	Prevent the virus from entering the garden. Many reputable rose nurseries get their primary propagation wood from the Foundation Plant Services which supplies rose wood for propagation that has been tested for the six most damaging viruses on roses.
Roguing of infected roses from garden and surrounding areas	Eliminates the virus from the garden. Most effective if done very early in the infection, as once rosettes begin forming the mite population generally increases.
Antiviral compounds	Compounds are being tested
Resistant rose cultivars	All major commercial roses are susceptible to some degree.
Mite Control	
Application of miticides	Several available for commercial use but only one for non-commercial use. The use of only one miticide is not recommended as continuous use of one chemistry to control mites will likely lead to the mite developing resistance to the miticide.
Eliminate symptomatic plants or plant parts from the garden	Once a plant is symptomatic the mite population increases rapidly, which increases the chance that they will move on to another plant and spread the virus. These plants should be bagged and removed from the garden.
Do not move from infested to mite free gardens	Mites can be transported on clothing, prunings and tools.
Do not use leaf blowers	Using a leaf blower in a mite-infested garden serves to spread these mites to other plants.
Landscape design	Natural mite dispersal is interrupted by interplanting non-host species among roses as well as by planting or building barriers to alter the flow of air to the garden.
Resistant rose cultivars	A few rose species have been reported as poor hosts of the vector mite but all the commercial roses tested appear to be excellent hosts for the vector mite



Map created : 10/20/2022

resistance assessment. It generally takes 2-3 years in the field to reliably evaluate a rose for their resistance to black spot or rose rosette disease. Thus, a normal breeding cycle takes 4-5 years. Using markers, the breeding cycle can be reduced to two years with fewer plants being moved to the field. The fieldwork is much more expensive than the initial greenhouse work. Thus, the breeding will be at least twice as fast if markers can be used on young plants to select the parents for the next generation. We strive to develop this genomic breeding platform to help commercial breeders accelerate their breeding to convert all our commercial roses into sustainable rose cultivars (Fig. 6).

To the currently identified genes for black spot (5 genes), RRD (2 genes) and cercospora leaf spot (2 genes) that confer resistance, we hope to add additional resistance genes for these diseases with the work we will do over the next several years.

With our genomic breeding platform to follow the

resistance genes, we will show how to rapidly “stack” or combine multiple resistance genes into one rose to create a plant that has high stable resistance to multiple diseases. This stable resistance is a critical component of the sustainable rose cultivar that is needed to ensure greater use of roses in commercial, public and private gardens.

AIM 3

Assess the socioeconomic impact of RRD management approaches. Consensus enterprise crop budgets will be created by interviewing growers about the cost of their production operations for field production and greenhouse liner production. Using this information, our economics team will build a risk-based simulation model to assess the potential social and economic effects of using validated RRD best management practices (BMP) and resistant rose cultivars. This will guide the extension team recommendations based on cost, feasibility, ease of implementation, and consumer confidence

AIM 4

Develop comprehensive research demonstration and

ABOVE: Figure 7. Distribution of RRD in the United States (<https://roserosette.org/distribution-map/>).

education programs for RRD management. This will involve multiple activities. The extension team will collaborate with the rose community to perform research demonstrations to validate/optimize the best management practices for RRD (Table 4) in several states. They will install variety trials in the spring of 2023 that would include up to 20 cultivars that range in RRD resistance. The results of these trials will confirm previous observations and assess the stability of the resistance over time and locations. The goal is to plant 10 of these trials throughout the RRD-infested region. In 2024, trials will be installed in multiple locations to assess the effectiveness of selected chemical control of the mite/virus and barriers to diminish the spread of the virus. We are working with commercial firms and public gardens in these collaborative demonstration trials.

The www.roserosette.org webpage will be redesigned to facilitate its ease of use. It will also be expanded to include the concept of sustainable roses and serve as a site for project information as well as a repository of science-based information on rose rosette disease and black spot. We will be adding educational materials for all levels of the industry (consumers, public display gardens, garden centers and producers). Planned improvements include 1) improved maps (Figure 7) displaying range of reported incidences and spread to help predict expansion of disease range; 2) tools to target collection of disease incidence data from industry (growers, public gardens) to further our ability to assess cultivar susceptibility and range of RRD; 3) support for Best Management Practices

NEW RESEARCH TACKLES ROSE ROSETTE, BLACK SPOT DISEASES TO LEAD DISEASE-RESISTANCE PROJECT TO SAVE ROSE INDUSTRY

By Kay Ledbetter, Texas A&M AgriLife

A NEW ROSE CULTIVAR MIGHT SMELL SWEET, but will it resist disease? Texas A&M AgriLife is leading a team of researchers to ensure the answer is “yes” to alleviate the estimated \$10 million in annual disease-related loss to the rose industry.

“The goal of our latest project is to meet the increasing demand for carefree and sustainable roses that require fewer inputs, are resistant to biotic and abiotic stresses, and have high ornamental quality,” said David Byrne, Ph.D.

Byrne, the Basye Chair in Rose Genetics, is co-leading the new project with Oscar Riera-Lizarazu, Ph.D., both Texas A&M AgriLife Research rose geneticists in the Texas A&M Department of Horticultural Sciences in the College of Agriculture and Life Sciences.

Their new project, “Developing Sustainable Rose Landscapes via Rose Rosette Disease Education, Socioeconomic Assessments, and Breeding RRD-Resistant Roses with Stable Black Spot Resistance,” received \$4 million in funding from the U.S. Department of Agriculture Specialty Crop Research Initiative.

Resistance necessary to rose rosette, black spot diseases

Rose rosette disease, caused by the rose rosette virus, is a significant threat to cultivation and production throughout the U.S. Black spot disease is the major fungal disease of field-grown roses throughout the world.

“These are the two most damaging rose diseases, and resistance to both is essential in a sustainable cultivar,” Byrne said.

Approximately 35% of garden roses sold are used by the professional landscape market. Recently, this sector has decreased its use of roses by about 10% each year due to rose rosette disease, according to the Census of Horticulture Specialties.

Currently, most cultivated roses are susceptible to these diseases, Byrne said, and thus the transport and distribution of infected asymptomatic plants propagates the disease spread. Already, plantings have been devastated in the Midwest and Eastern seaboard and major landscape firms are stopping the use of roses in some regions.

NEW RESEARCH, CONTINUED

evaluation research module data collection including better engagement of citizen scientists visiting research demonstrations; 4) a searchable image database of RRD symptom photos and RRD susceptibility by cultivar; and, 5) improvements to the site as an information clearinghouse for rose rosette-related information from this project and to help direct visitors to reliable online factsheets and learning opportunities. With the help of Delany Baum (delany.baum@tamu.edu), the webpage will be complemented by regular posts on the Rose Breeding and Rose Rosette Facebook pages and Twitter feeds to push out RRD information to the rose and gardening community. She welcomes notes from everyone with suggestions for posting.

We will be developing a RRD Monitoring Network of individuals from the rose community who volunteer to monitor gardens for RRD incidence and report it into our database that is used to develop the RRD distribution map (Fig. 7). Thus far, we have received 4,287 reports of RRD from 3,346 reporters in 1,113 counties. Of these, 1,911 reports were verified and used to update the distribution map. All members of the RRD Monitoring Network will undergo training to recognize RRD and in the collection of samples and reporting protocols for the entry of the observations made. We need monitoring in already infested regions as well as currently uninfested regions of the country for best results. You can sign up to help by completing the following short survey at https://tamuag.az1.qualtrics.com/jfe/form/SV_OMrX8Y5EwQeEgEC.

The last objective of this aim is to improve and expand industry and public garden outreach. We will work with industry, public gardens and rosarian/gardening organizations (participant stakeholders) to disseminate information via their print, electronic, and social media outlets (Table 2). Engaging the rose industry and the public in monitoring and demonstration efforts will increase awareness, promote RRD surveillance and increase scientific understanding.

We are excited about this new project and look forward to working with the rose community in developing and testing roses and management practices for the sustainable landscapes of the future. If you have any questions, feel free to contact us via rosebreeding@tamu.edu. We are looking forward to working with you!

"We are concerned rose rosette disease has the potential to devastate the major rose production regions on the West Coast, Arizona and Florida if it is spread to those regions," he said.

The project's long-term goal is to develop sustainable landscapes based on cultivars resistant to rose rosette and black spot diseases.

This involves combining traditional plant breeding, with field evaluation sites in Texas, Tennessee and Oklahoma, with molecular genetics to accelerate the process of stacking multiple copies of multiple resistance genes into a rose. This approach should at least double the rate of progress, reducing the time it takes to develop highly disease-resistant, sustainable plants for gardens, Byrne said.

In collaboration with industry partners and hundreds of citizen scientists, Extension programs in Texas, Georgia, Tennessee and Ohio will monitor rose rosette disease's geographic distribution. In multi-state trials, these collaborators will determine the best practices for managing the diseases, including chemical and cultural control methods as well as disease-resistant germplasm.

As the management options are developed, the economics specialists on the team will assess the socio-economic impacts of the various management practices to provide decision support for the industry and gardeners.

"These sustainable best management practices will reduce human and environmental exposure to agrochemicals and will be designed to avoid the introduction of the disease into regions that currently do not have it and to manage its severity in infested regions," Byrne said.

An extensive network of private and public stakeholders, including breeding programs, production and wholesale/retail nurseries, landscapers, consumers, rose enthusiasts,

SUGGESTED READINGS

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- Lau, J., E.L. Young, S. Collins, M.T. Windham, P.E. Klein, D.H. Byrne, and O. Riera-Lizarazu. 2022. Rose rosette disease resistance loci detected in two interconnected tetraploid garden rose populations. *Front. Plant Sci.* 13:916231. doi: 10.3389/fpls.2022.91623

SUGGESTED WEB SITES FOR MORE INFORMATION

- Sustainable Rose web site: <https://roserosette.org/>
- Texas A&M University Rose Breeding and Genetics web site: <https://roses.tamu.edu/>
- Tools for Polyploids web site: <https://www.polyploids.org>

public gardens, major rose testing organizations and industry publishers, have committed to work with the Extension team to disseminate the information.

"We believe this widespread education will lead to better management and lower costs for the industry and longer-lived plants that deliver enhanced enjoyment and consumer satisfaction," Byrne said.

The ultimate goal is the restoration of healthy rose collections to botanical gardens, public parks and private landscapes to improve the aesthetics, thus resulting in improved wellbeing and property values.

Nationwide effort in place

The multi-state team consists of 21 researchers from Texas A&M; the University of Minnesota; the University of Tennessee; USDA-Agricultural Research Service, Beltsville, Maryland; the University of Tulsa; Oklahoma State University; the University of Georgia at Athens and Tifton; The Ohio State University; and the University of Wisconsin, River Falls.

In addition to Byrne and Riera-Lizarazu of the Rose Breeding and Genetics Program, the Texas A&M AgriLife team consists of Charlie Hall, Ph.D., Ellison Chair in Floriculture, and Patricia Klein, Ph.D., professor and executive associate dean for the College of Agriculture and Life Sciences, both in the Department of Horticultural Sciences; Kevin Ong, Ph.D., plant pathologist and director of the Texas Plant Disease Diagnostic Laboratory, and Jeanmarie Verchot, Ph.D., plant virologist, both in the Department of Plant Pathology and Microbiology; Luis Ribera, Ph.D., Texas A&M AgriLife Extension Service economist and director of Texas A&M's Center for North American Studies; and Marco Palma, Ph.D., professor in the Department of Agricultural Economics. All the Texas A&M AgriLife team members are based in Bryan-College Station.

Plan to Attend the

ARS NATIONAL CONVENTION & ROSE SHOW

May 5-7, 2023, at the American Rose Center

by Carrie Bergs, Convention Co-chair

THIS IS THE TIME of year when our thoughts turn to spring and roses. Therefore, it is the perfect time for you to start planning to “Come Home to America’s Rose Garden” for the 2023 ARS National Convention and Rose Show to be held in May at the American Rose Center! This convention is completely unique in that most of the programs and events will be held in a garden: America’s Rose Garden... our garden!



For six years you have read and heard about the Great Garden Restoration Project and this convention provides the perfect opportunity to see the stunning results firsthand. Not only does the new garden serve as the convention location, but it also plays a starring role in many of the programs and events. During the weekend, you'll get to experience all areas of the garden and the American Rose Center, and I know you'll truly enjoy getting to know our enthusiastic, hardworking ARS staff.

This convention is unique in other ways as well. Co-Chairs Ruth Tiffany and Carrie Bergs live in California, and Wisconsin, Show Chairs Billie Flynn and Linda Clark live in Louisiana and California. Key committee members hail from Indiana, Texas, Washington, North Carolina, California, Wisconsin and Louisiana. Thankfully we have a few volunteers “on the ground” locally in Shreveport but much of the convention planning is being conducted long distance. This is the first time (in recent history anyway) that a convention is fully sponsored by the ARS and held in its entirety at the American Rose Center. The only off-site event will be the “Time for Roses” Awards Banquet scheduled at the Shreveport Convention Center

on Saturday night. The Convention Center is directly connected to our convention hotel, the Shreveport Hilton, offering a very reasonable convention rate starting at \$109 a night.

We have also taken a new approach to convention registration. Two all-inclusive registration fee options are offered. One fee for Friday, Saturday & Sunday and one fee for Friday & Saturday. Both options include all activities and provided meals for those days. This simplifies the registration process and eliminates the need for event & meal tickets. All you need is your name badge! Research showed that other plant societies use this all-in-one format successfully, so we thought we'd give it a try. You can either complete and mail the registration form included in this issue or register online at www.rose.org. The first 145 registrants will receive the beautiful 'McFarland' rose given to us by Star Roses and the House of Meiland and grown for the convention by Steve Roussell. Almost 100 bushes are planted in McFarland Plaza, creating a glorious, blooming tribute to ARS founder, J. Horace McFarland, and a striking entrance into the garden circles.

The convention committee has organized an enlightening, eclectic and entertaining schedule featuring an array of educational seminars and workshops interspersed with fun social events and activities. The Convention begins with the National Rose Show Friday, May 5 in Klima Rose Hall and offers a full schedule of horticulture, arrangement and photography classes. All 18 of the ARS National Horticulture Challenge Classes will be offered, along with 11 National Arrangement Challenge

Classes. The National Trophies will be on display, giving challenge class winners the opportunity to have their photo taken with the actual trophy for the first time in many years!

On Friday and Saturday, an impressive lineup of esteemed rosarians and horticultural experts share their knowledge with us on a range of topics. Highlights include "Today's Talent for Tomorrow's Roses" a panel presentation sponsored by Jackson & Perkins featuring hybridizers Will Radler, Steve Roussell, Mike Shoup, Jim Sproul and Ping Lim. You may recall that Jackson & Perkins was also the sponsor of the Garden Design Plan for the Great Garden Restoration. We appreciate their ongoing support! Gaye Hammond presents "A Virus of Disguises: The Many Faces of Rose Rosette Disease and Dr. David Byrne updates us on Texas

A & M's current research project "Developing Sustainable Roses. Steve Jones talks international Rose Trials and Proven Winners representative Natalie Carmolli introduces the newest additions to the PW rose collection.

America's Rose Garden is the star of Saturday's presentations beginning with an early morning photo shoot in the garden. A review of the history and significance of the Anne Belovich Ramblers will be given by Anita Clevenger, vice-president of the Heritage Rose Foundation, followed by a tour of the Rambler Project nurseries. Marilyn Wellan will lead the garden tour of the four circles giving you an up close and personal look at the new garden as well as insight and details on this extensive six-year, \$2 million project. Author and

CONVENTION QUICK TAKES

Homecoming Shreveport 2023 Convention Committee

Co-Chairs: Ruth Tiffany & Carrie Bergs

Rose Show Chairs: Linda Clark & Billie Flynn

Treasurer: Jack Page

Registration: Pam Smith

Programs & Speakers: Linda Kimmel

Sponsorship: Diane Sommers

Vendors & Rose Trials: Connie Reeve

Garden Tours: Marilyn Wellan

Meals & Entertainment: Lucy Medvec & Pam Bradley

Photography: Pam Powers

Marketing & Social Media: Elena Williams

ARS Staff: Jon Corkern & Claire Bissell

CONVENTION HOTEL: Hilton Shreveport, 104 Market St. Rooftop pool, fitness center and three restaurants. Rooms start at \$109. Located 16 miles from the American Rose Center. Reservation link: <https://book.passkey.com/go/AmRoseSociety2023Convention> or call 1-800-Hiltons code "ARS".

If you have any guests that may not have access to a computer: 1-800-HILTONS – Code "ARS"

AIRPORTS: Shreveport, Dallas/Fort Worth, Dallas Love Field.

WEBSITES: Convention Information www.rose.org
Convention Facebook Group: "Time for Roses"
Natchitoches Visitor Guide: www.Natchitoches.com

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rose curator at the New York Botanical Garden, Stephen Scanniello, continues the garden exploration in his keynote presentation “The Rose Garden Chronicles” highlighting the Old Garden Roses selected for the beds and arbors of the fourth circle.

Also scheduled is a meeting of the Heritage Rose Foundation, an arrangement seminar, the Annual Members Meeting facilitated by ARS President Diane Sommers and presentation of the Klima Award, recognizing Excellence in the Field of Rose Education, followed by the Klima Lecture. For a complete schedule please visit rose.org

In keeping with our overall theme of time, family & coming home, we are offering plenty of social opportunities, giving everyone the chance to connect with dear friends as well as make new ones. Stroll and shop the vendor booths, challenge friends to a game of croquet, bocce or corn hole, check the status of your silent auction bid or relax on a garden bench and enjoy the view.

Friday night we celebrate our homecoming with the “Home on the Bayou” event in the tent featuring “A Taste of Louisiana” cuisine. Rock on the dance floor or sway in place to the sounds of acclaimed jazz and blues band, Professor Porkchop and the Dishes. Nothing fancy, no need to dress up, just come as you are and enjoy the party!

Upon conclusion of Saturday’s events, you’ll have plenty of time to return to your hotel to freshen up for our live auction and the “Time for Roses” Awards Banquet held just steps away in the Shreveport Convention Center. We

are looking for lots of friendly competition and generous bids for the collection of famous (think roses named for ARS Presidents) rare, and heritage roses supplied and auctioned by John Bagnasco, President of the California Coastal Rose Society and renowned rose preservationist. At the “Save the Roses” auction in California last November the most sought-after rose was ‘The Iron Throne’ which sold for \$350! National Rose Show and Rose Trial Awards will be presented after dinner.

And don’t even think about leaving on Sunday! You won’t want to miss the daylong special “Roses and Steel Magnolias” excursion to the historic city of Natchitoches (pronounced Nack-a-tish) the oldest city in Louisiana and the film site of the 1989 classic southern movie *Steel Magnolias*. Accolades abound for Natchitoches including the designation of “Best Small Southern Town” by *Southern Living* Magazine. You will have time to shop and dine in the National Historic Landmark District, take a carriage or river boat ride or meander through the Beau Jardin Garden. Then its back on the bus for a visit to an exclusive, design award-winning private garden on the banks of the Cane River, before traveling on to Alexandria for a Garden Party & Dinner in the elegant Wellan Garden. Buses will depart from and return to the Shreveport Hilton.

We hope you will join us in May for this not-to-be missed National Convention. It is time for roses and time for you to come home to America’s Rose Garden! More information including a link for room reservations at the Shreveport Hilton, convention schedule and registration details can be found on the ARS website, www.rose.org. Also join the “Time for Roses” Facebook group for photos, updates and to see who’s coming!



Time for Roses - Come Home to America's Rose Garden

ARS NATIONAL CONVENTION & ROSE SHOW

May 5-7, 2023 | American Rose Center, Shreveport, LA

Convention Schedule

DATE	EVENT	LOCATION
May 5-May 6	Garden games, (bocce, corn hole, croquet) Vendors & Silent Auction Pool, Garden Daily 9:00 a.m. - 5:00 p.m.	Gift Shop/Reflecting Pool
THURSDAY, MAY 4		
2:00 - 5:00 p.m.	Rose Show set-up Exhibitor Drop Off/Prep	Klima Rose Hall
3:00 - 10:00 p.m.	Registration	Shreveport Hilton
FRIDAY, MAY 5		
5:00 - 10:00 a.m.	Exhibitor Prep	Klima Rose Hall
8:00 a.m.	Registration	Gift Shop
9:00 - 10:30 a.m.	Down Home Breakfast & Welcome	Garden Tent
10:30 - 11:15 a.m.	"Louisiana Proud" Welcome to Shreveport! Laura Seabaugh/Jon Corkern	Garden Tent
11:30 a.m. - 12:30 p.m.	"The Many Faces of Rose Rosette Disease A Virus of Disguises" Gaye Hammond	Chapel
10:30 a.m. - 12:30 p.m.	Rose Show Judging	Klima Rose Hall
12:30 - 1:45 p.m.	Lunch "Growing the Future – The Importance of International Rose Trials" Steve Jones	Garden Tent
12:30 - 5:00 p.m.	Rose Show Opens	Klima Rose Hall
2:00 - 3:30 p.m.	"Today's Talent for Tomorrow's Roses" Will Radler—Facilitator Steve Rousell, Mike Shoup, Ping Lim	Garden Tent
3:45 - 5:00 p.m.	"Capture the Queen" Rose Show Photo Shoot Pam Powers	Klima Rose Hall
3:45 - 5:00 p.m.	"Proven Winner Roses Trialed & Tested for Success" Natalie Carmolli	Chapel
5:30 - 8:30 p.m.	"Home on the Bayou – A Taste of Louisiana" Dinner & Dancing	Garden Tent

Time for Roses - Come Home to America's Rose Garden

ARS NATIONAL CONVENTION & ROSE SHOW

May 5-7, 2023 | American Rose Center, Shreveport, LA

Convention Schedule

DATE	EVENT	LOCATION
<hr/>		
SATURDAY, MAY 6		
7:30 - 9:00 a.m.	"Come into Our Garden" Outdoor Photo Shoot Pam Powers	Garden
8:00 a.m.	Continental Breakfast	Garden Tent
8:30 - 9:30 am	"Anne Belovich Ramblers — The Sky's the Limit" Anita Clevenger & Claude Graves	Chapel
9:30 - 10:00 a.m.	Heritage Rose Foundation Meeting	Chapel
9:00 - 10:30 a.m.	Arrangement Seminar	Klima Rose Hall
10:00 - 11:30 a.m.	"Come Home to America's Rose Garden" Walking Tour of Garden Highlights Marilyn Wellan	Garden
11:45 - 1:15 p.m.	Klima Award Lecture Lunch & ARS Members Meeting	Klima Center
1:30 - 3:00 p.m.	"The Rose Garden Chronicles" - Stephen Scanniello	Klima Rose Hall/Garden
3:15 p.m. - 4:15 p.m.	"Developing Sustainable Roses" Dr. David Byrne & Dr. Oscar Riera Lizarazu	Klima Rose Hall
5:30-7:00 p.m.	Famous, Rare & Heritage Rose Auction John Bagnasco	Shreveport Conv. Center
7:00 p.m. - 10 p.m.	"Time for Roses" Awards Banquet National Rose Show & Rose Trial Awards Presentation	Shreveport Conv. Center
<hr/>		
SUNDAY, MAY 7		
9:00 a.m. - 9:00 p.m.	"Roses & Steel Magnolias" Tour the historic city of Natchitoches, enjoy an exclusive visit a design award-winning , private garden, then on to a Garden Party & Dinner in the Wellan Garden	Leave/Return — Shreveport Hilton
<hr/>		
MONDAY, MAY 8		
9:00 a.m. - 3:00 p.m.	ARS Board Meeting	Klima Rose Hall



REGISTER ONLINE

www.ars.org

CONVENTION CO-CHAIRS

RUTH TIFFANY & CARRIE BERGS

ROSE SHOW CO-CHAIRS

BILLIE FLYNN & LINDA CLARK

REGISTRAR

PAM SMITH

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DALLASROSESOCIETY@GMAIL.COM

ALL IN ONE -

FRIDAY, SATURDAY & SUNDAY

REGISTRATION INCLUDES:

- * 2 BREAKFASTS
- * 2 LUNCHESES
- * 3 DINNERS
- * FRIDAY 'HOME ON THE BAYOU' MUSIC WITH TASTE OF LOUISIANA CUISINE
- * SATURDAY AWARDS BANQUET
- * NATIONAL ROSE SHOW
- * ROSE TRIALS IN AMERICA'S ROSE GARDEN
- * SUNDAY BUS GARDEN TOUR WITH DINNER
- * SPEAKERS
- * WORKSHOPS
- * RARE AND FAMOUS ROSE AUCTION
- * FIRST 145 REGISTRANTS RECEIVE A 'MCFARLAND' CONVENTION ROSE
- * **FUN**

FRIDAY AND SATURDAY ONLY

REGISTRATION INCLUDES:

- * 2 BREAKFASTS
- * 2 LUNCHESES
- * 2 DINNERS
- * FRIDAY 'HOME ON THE BAYOU' MUSIC WITH 'TASTE OF LOUISIANA CUISINE'
- * SATURDAY AWARDS BANQUET
- * NATIONAL ROSE SHOW
- * ROSE TRIALS IN AMERICA'S ROSE GARDEN
- * SPEAKERS
- * WORKSHOPS
- * RARE AND FAMOUS ROSE AUCTION
- * **FUN**

2023 AMERICAN ROSE SOCIETY NATIONAL CONVENTION & ROSE SHOW

MAY 5-7, 2023

SHREVEPORT, LA

REGISTRATION FORM POSTMARKED BY APRIL 4, 2023

ONE FORM PER PERSON

PRINT NAME AS YOU WISH IT TO APPEAR ON NAME BADGE

REGISTRANT _____

ADDRESS _____

CITY _____ STATE _____

ZIP _____ ARS DISTRICT _____

EMAIL _____

PLEASE SHARE YOUR CELL PHONE TO RECEIVE TEXT MESSAGES REGARDING THE CONVENTION

CELL PHONE _____

REGISTRATION FEE (REQUIRED)

POSTMARKED BY APRIL 4, 2023

CIRCLE ONE

ALL IN ONE—ALL ACTIVITIES AND PROVIDED MEALS ON FRIDAY, SATURDAY AND SUNDAY \$300.00

FRIDAY AND SATURDAY ONLY—ALL ACTIVITIES AND PROVIDED MEALS ON FRIDAY AND SATURDAY \$225.00

MAKE CHECK or MONEY ORDER PAYABLE TO: **ARS HOMECOMING CONVENTION**

CREDIT CARD INFORMATION

NAME ON CARD _____

CARD # _____ EXP. DATE _____ SEC. CODE _____

CIRCLE ONE MASTER CARD VISA DISCOVER

MAIL TO: AMERICAN ROSE SOCIETY

ATTN: CLAIRE BISSELL

P.O. BOX 30000

SHREVEPORT, LA 71130

FOR QUESTIONS: PAM SMITH, REGISTRAR

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AWARDS BANQUET MEAL (PLEASE CIRCLE ONE)

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NATIONAL ROSE SHOW EXHIBITING INTENTIONS (CIRCLE ALL THAT APPLY)

HORTICULTURE

ARRANGEMENTS

PHOTOGRAPHY

NATIONAL ROSE SHOW JUDGING INTENTIONS (CIRCLE ALL THAT APPLY)

HORTICULTURE

ARRANGEMENTS

PHOTOGRAPHY

CANCELLATION POLICY: REFUND DEADLINE IS APRIL 15, 2023. THERE IS A \$35 CANCELLATION FEE.

REQUESTS AFTER APRIL 15 WILL BE REVIEWED AFTER THE CONVENTION AND REFUNDED ON A CASE BY CASE BASIS.

CONVENTION HOTEL—Hilton Shreveport

104 Market Street, Shreveport, LA, 71101

for convention rate

1-800-HILTONS – Code "ARS"

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WHAT ABOUT THE

Master Rosarian?

BY GERRY MAHONEY, MASTER ROSARIAN

WITH NEW CONSULTING ROSARIAN CLASSES HAPPENING ON-LINE and locally in the various ARS Districts, I started thinking about the Master Rosarian Program. Why did I choose to be a Master Rosarian? What is the added value for me, and for the folks who ask questions about their roses? Why do I suggest this designation to other Consulting Rosarians? As I thought about those questions and my answers, the opportunity arose for me to share my views with others... so, here we go.

First, there needs to be an understanding that the “Master Rosarian” title is a designation – not an award. There is an application process that goes through the District Consulting Rosarian Chair, a review committee at the district level, and then the National Consulting Rosarian Chair. There are specific requirements that need to be met before application is made.

THE CONSULTING ROSARIAN MANUAL STATES:

- 1. A minimum of ten years of continuous service as an active Consulting Rosarian.**
- 2. They demonstrate outstanding performance (documented in the nomination form).**
- 3. They are an active accredited Consulting Rosarian at the time of the nomination.**
- 4. They show a willingness to continue to serve as a Consulting Rosarian.**

These are listed in the manual along with the definition of a Master Rosarian

“The Master Rosarian is a Consulting Rosarian who:

Demonstrates knowledge of roses and their culture. Shows a strong and demonstrated willingness to share this knowledge with other rosarians and the general public. Exemplifies the ethical behavior of the Consulting Rosarian Program. The achievement of the Master Rosarian designation by a Consulting Rosarian is intended to recognize

their outstanding contributions.”

Given all that information, why did I choose to go through the process and become a Master Rosarian? Yes, it meant that I had to fill out forms and submit articles I had written – but it also meant that after 10 years of consulting rosarian work, I had tangible evidence to show that I had knowledge and experience to use as a tool to help others with their rose questions. Not only did I have a manual full of information, but I was going that extra mile to provide the help they requested.

Do I get “added value” as a Master Rosarian? I believe the answer is “yes”. It reminds me that I am not just to sit at the computer and answer questions – I need to be writing articles and giving programs to help the public and my fellow rose society members stay up to date. There is always new information to share about chemical safety, pest





management, and what is new in the world of rose varieties. Researching that information requires me to be reading current trade publications, checking out validated information on the internet and talking to other rosarians about what they are seeing in gardens.

It also means I need to get out into gardens – private and public – and see exactly what is happening in my area. Look at the soil, look at the plants – see what is affecting their growth. A mentor of mine once told me that “you cannot do a good job of advising people about their roses from a keyboard. You need to get out in the garden and get your hands dirty.”

Often when I suggest that a Consulting Rosarian apply for this designation I get either a puzzled look, or a comment that they don’t think they need to apply, since they already do consulting rosarian work. If there is an opportunity I try to explore why they feel that way. Many times, it is because the Consulting Rosarian just is not aware that the designation exists. That is when my CR Manual becomes a great tool for explaining the program. For the folks who feel they are already “consulting”, I remind them that it is a way to recognize the time and dedication they have given to the Consulting Rosarian program. The application process allows you to see where you are as a consulting rosarian, and possibly where you can increase your effectiveness.

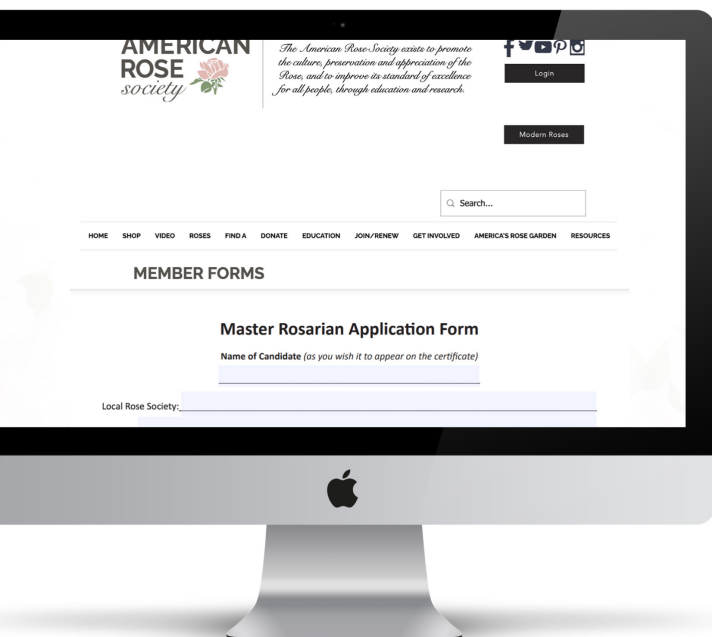
The ARS Consulting Rosarian program has a great history. The Master Rosarian program, for me, is the “value added” piece that encourages me to do a better job. I strongly suggest applying for the designation when you qualify. It may give you that little extra “boost” when you think about what we do as Consulting Rosarian.

Think about this quote from the *Consulting Rosarian Manual*. It is a good summation for the Master Rosarian designation.

“Consulting Rosarians are among the most knowledgeable and active people in the American Rose Society. The ARS needs a well-motivated and educated group of CRs if the ARS is to continue to succeed in its mission. The Master Rosarian designation was created to recognize those CRs who have made outstanding contributions as CRs over a significant period.”



BE ON THE LOOKOUT FOR ARS
EMAILS WITH INFO ON UPCOMING
FEBRUARY CR SEMINARS OR
VISIT ROSE.ORG



Choosing the Right

By Paul Zimmerman

Rose

ASK ROSARIANS HOW TO CHOOSE THE RIGHT ROSE and you'll get as many answers as people present. By color, by exhibition form, by petal count, by disease resistance, by how often it repeats; the list goes on. These are all good reasons to choose a rose for your own garden, but I'd like to focus on two others. Garden use and regional information. Put simply what is the rose's job in the garden and what roses grow well in your area. First garden use.

We pick boxwood shrubs because we want a hedge. Maple trees for shade and fall color, pansies for a blast of color in the winter. We first think of what do we want the plant for and then find the appropriate one. Thankfully the wonderful and wide diversity of rose selections make this an easy way to also approach buying roses.

We have roses that stay low, ones that grow upright, some sprawl about, others climb and others ramble up trees. You can find roses that grow anywhere from one foot high to 30 feet up a tree. And in every color, except blue. Not a bad plant palette for using in the garden! So while I also want to talk about other aspects of rose buying like region and health, I'm going to start with that simple question. What is its job in the garden?



10 RECOMMENDED ROSES IN ZONE 6A

Crescendo, HT
1: *Photo Michael Eckley*

Veterans' Honor, HT

Strike It Rich, Gr

Poulsen's Pearl, F
2: *Photo Michael Eckley*

Distant Drums, S

Above and Beyond, LCl

Rose de Rescht, P
5: *Photo Michael Eckley*

Ashton, MiniFl

Luscious Lucy, MiniFl
4: *by Michael Eckley*

Joy, Mini
3: *Photo Michael Eckley*

Memphis King, Mini



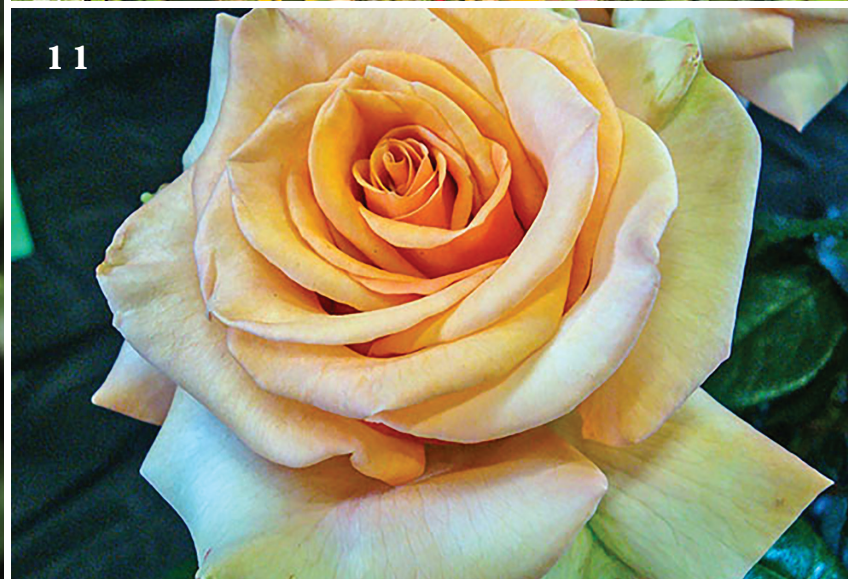
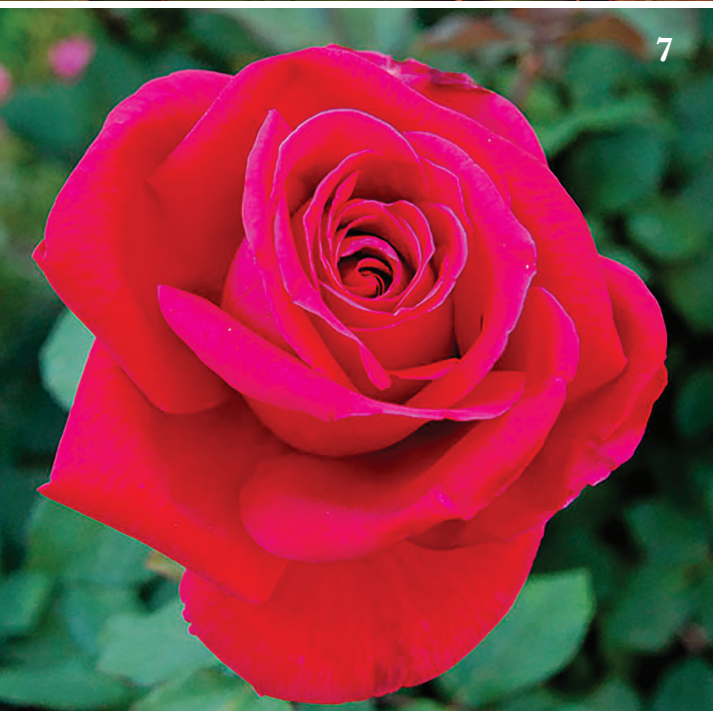
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4



3



PACIFIC SOUTHWEST DISTRICT RECOMMENDED ROSES

Rose Name & Class

Altissimo, LCI
America , LCL (10)
Bold Ruler, MiniF
Bolero, F (14)
Bronze Medal, MiniF
Buttercream, MiniF
Cinco de Mayo, F
Daddy Frank, Mini
Dainty Bess, HT
Day Breaker, F
Distant Drums, S (6)
Donna Martin, HT
Fabulous, F
Flower Girl, S
Golden Buddha, S (12)
Good as Gold, HT
Iceberg, F
Incognito, Mini
Irresistible, Mini
Joy, Mini
Julia Child, F (9)

Lady of the Dawn, F
Lavaglut, F
Linda Campbell, HRg
Marilyn Monroe, HT (11)
Moonstone, HT
Mothers Love, Mini
Mr. Caleb, HT
Mr. Lincoln, HT (7)
My Sunshine, Mini
Olympiad, HT
R. foetida bicolor, Sp.
(Austrian Copper)
Randy Scott, HT
Red Minimo, Mini
Ring of Fire, HT

Sally Holmes, S
Sparkle & Shine, F

St. Patrick, HT
Strawberry Kisses, Mini
Sugar Moon, HT
Sunny Sundays, HT
Sweet Diana, Mini
Veterans Honor, HT
Violet's Pride, F (13)
White Licorice, F (8)

Micro Climate

So. Nevada
Arizona Desert
So. Ca. Desert
So. Ca. Inland
So. Ca. Inland
So. Ca. Desert
New Mexico
So. Nevada
New Mexico
So. Nevada
So. Ca. Inland
So. Ca. Coastal
So. Ca. Coastal
New Mexico
So. Ca. Inland
So. Nevada
So. Nevada/New Mexico
So. Nevada
So. Nevada
So. Ca. Coastal/So. Ca. Desert
So. Ca. Coastal/So. Ca. Desert/
New Mexico
So. Ca. Desert
So. Ca. Desert
New Mexico
So. Nevada/Arizona Desert
So. Ca. Desert
So. Nevada
So. Ca. Desert/Arizona Desert
Arizona Desert
New Mexico
So. Nevada
New Mexico

So. Ca. Coastal/So. Ca. Desert
Arizona Desert
So. Ca. Coastal/So. Ca. Inland
/So. Ca. Desert/So. Nevada/
Arizona Desert/New Mexico
So. Nevada
So. Ca. Coastal/So. Ca. Inland/
So. Nevada/Arizona Desert
So. Nevada/Arizona Desert
So. Ca. Coastal/So. Ca. Inland
So. Nevada/New Mexico
So. Ca. Coastal/So. Ca. Desert
Arizona Desert
So. Nevada/New Mexico
So. Ca. Coastal/So. Ca. Inland
So. Ca. Inland

All photos these pages Tom Cooney



12



13



14

If the job in the garden is to supply cut flowers for the house then hybrid teas are an obvious answer. For those who exhibit, exhibition roses are the way to go. If you are looking for a low, mass planting, then lower growing roses like Drift Roses and the Nitty Gritty series come to mind. So do miniatures for that matter. Doing a traditional English border?

10 RECOMMENDED ROSES IN GREAT LAKES DISTRICT

Cherry Frost, LCL

Sunshine Daydream, Gr
16: Photo Roman Kwarinski

Elina, HT

Miracle on the Hudson, S
17: Photo Roman Kwarinski

Julia Child, F
18: Photo Roman Kwarinski

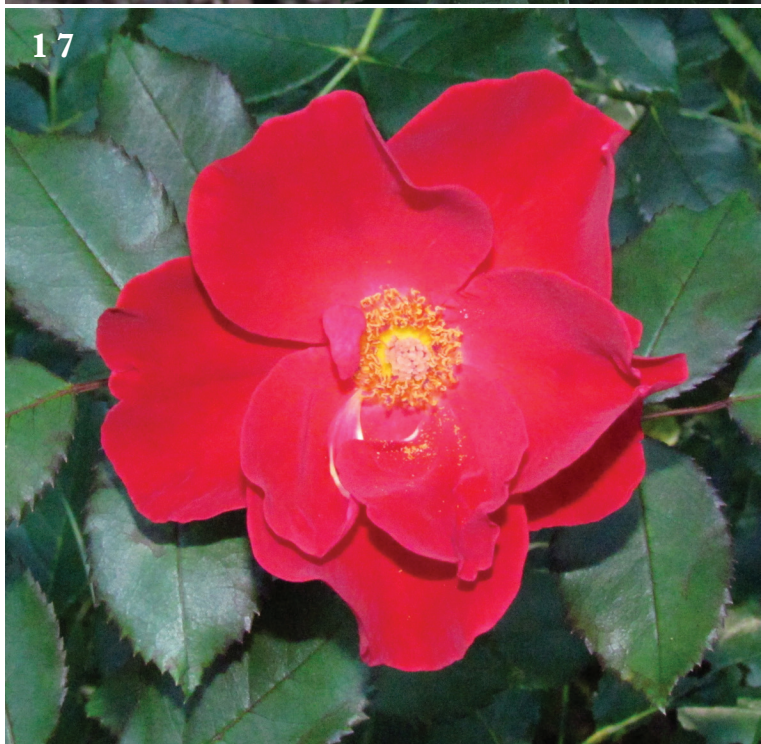
Dick Clark, Gr
15: Photo Roman Kwarinski

Sally Holmes, S

Pink Double Knockout, S

Jeanne LaJoie, Cl Min

Reine des Violettes, HP



Front of border can be the lower growing ones just mentioned. Mid border can be floribundas, portlands and chinas, Back of border can be the big sprawlers like some shrubs plus bourbon, tea, portland, grandiflora, centifolia; the list goes on. The latter large roses make great hedges. Throw in some species and rugosa roses for fall color and great winter hips. Then back the whole thing with climbing roses. Essentially you can almost always find a rose for any use in the garden. That's why to me they are among the greatest group of garden plants we have.

Once you've thought of its job in the garden it's time to regionalize your choices. In my opinion there is no rose that is ideal for every part of this vast country. What does well for me in South Carolina might be awful in Southern California. A great rose in humid Florida might not like dry and hot Arizona. Fortunately the industry is starting to supply and promote regional rose growing information. And by this I don't mean just zone hardiness. Zone 6, for example, can cover a lot of territory and a lot of micro climates. We need to focus more narrowly than just hardiness zone. So how do you begin regionalizing your choices? Luckily in today's world we have lots of choices.

Chances are if you are reading this article you are a member of the American Rose Society. Great place to start. And more so if you are a member of your local rose society. Talk about a wealth of information in terms of what roses grow in your area! Many local rose societies are starting to publish lists of roses they recommend for their area. You will find some of them published in the issue and of course feel free to ask them for it. More are on the ARS website and local rose society websites.

I'd like to mention the ARS program Roses in Review. It does score roses but since they are taken from across the country I don't really consider that regional information. However, it is a place to begin narrowing choices, but then check with gardeners that actually grow those roses where you live.

Other great sources for regional information are internet groups. Facebook has lots of great rose groups. Go to the one of your choice and post what you are looking for and ask for

CENTRAL DISTRICT

Caldwell Pink, Pol
 Carefree Beauty, S
 The Fairy, Pol
 Souvenir de la Malmaison, B
 Hannah Gordon, F
 Touch of Class, HT
 Heritage, S
 Quietness, S
 Sunsprite, F
 Moonstone, HT

COLONIAL DISTRICT

Veterans' Honor, HT
 Mister Lincoln, HT
 Gemini, HT
 Sunny Sundays, HT
 Julia Child, F
 Poseidon, F
 Butter Cream, MiniFl
 Joy, Mini
 Gertrude Jekyll, S
 Tess of the d'Urbervilles, S

TENARKY DISTRICT

Crescendo, HT
 Dick Clark, Gr
 Ring of Fire, HT
 Double Delight, HT
 Love & Peace, HT
 Cl. New Dawn, LCl
 Veteran's Honor, HT
 Touch of Class, HT
 Mango Blush, MiniFl
 Moonstone, HT

BUCKEYE DISTRICT ZONE 5

Let Freedom Ring, HT
 Veterans' Honor, HT
 South Africa, Gr
 Dancing Pink, F
 New Daw, LCl
 Knockout, S
 Linda Campbell, S
 Rose de Rescht, P
 Dr. John Dickman, MinFl
 Joy, Mini



19



21



20



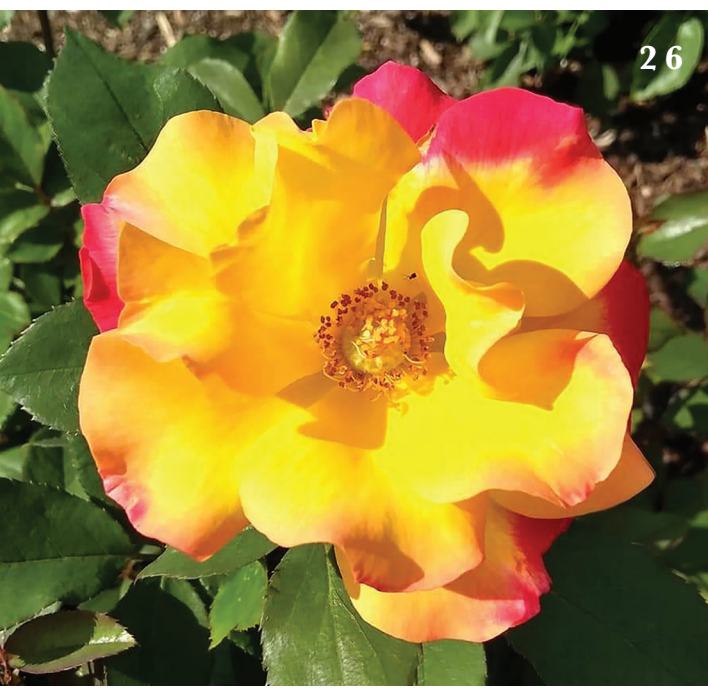
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23



24



ST. CLOUD MN, ZONE 4 VIRGINIA CLEMENS ROSE

GARDEN HARDY ROSES

Above and Beyond, LCL (21)

Cherry Frost, LCL (22)

Campfire, S (28)

Party Hardy, K

Winnipeg Parks, S (23)

William Baffin, K

Canadian Shield, S

Icecap, S

Morden Blush, S

Easy Elegance, S

Little Mischief, S

My Girl, S

Super Hero, S

SEMI HARDY ROSES

NEED WINTER PROTECTION

Touch of Class, HT (20)

Mother of Pearl, Gr (19/27)

Arctic Blue, F

Candy Cane Cocktail, F

Celestial Night, F (25)

Julia Child, F

Queen of Elegance, F

Pretty Polly Pink, Pol

Pretty Polly White, Pol

Pretty Polly Lavender, Pol (24)

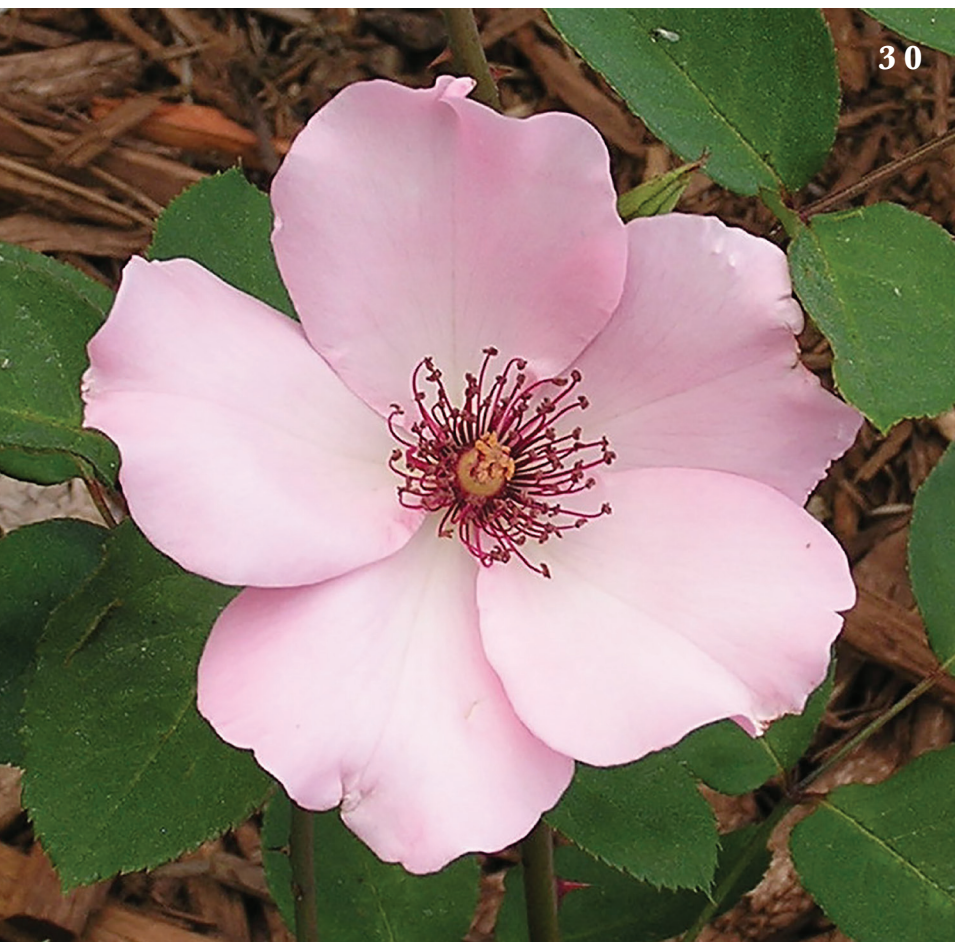
Sunset Horizon, S (26)

Brick House, F

Pink Brick House, F

All photos Debra Keiser





BY ARS REGION NORTHEAST

ROSE, CLASS	RATING
Cherry Frost, LCl	9.1
Pink Brick House, F	9.1
President Shanley, S	8.8
Pretty Polly White, Pol	8.8
True Passion, HT	8.8
Pretty Polly Pink, Pol	8.7
Bright & Shiny, F	8.6
Pinktopia, S	8.6
The Lark Ascending, S	8.6
Tottering-by-Gently, S	8.6
White Lies, F	8.6

NORTHWEST

ROSE, CLASS	RATING
Marilyn Moore, S	8.7
Tottering-by-Gently, S	8.6
Dancing Pink, F	8.5
Marc Chagall, F	8.4
Sweet Spirit, Gr	8.4
Burst of Joy, F	8.3
Della Reese, HT	8.3
Fun in the Sun, Gr	8.3
In Your Eyes, S	8.3
Love at First Sight, HT	8.3
Petite Knock Out, Mini	8.3
State of Grace, Gr	8.3
Stiletto, HT	8.3

SOUTHEAST

ROSE, CLASS	RATING
Tottering-by-Gently, S	8.7
Alfred Sisley, S	8.6
Dancing Pink, F	8.6
Arctic Blue, F	8.5
Southern Girl, Mini	8.4
Sweet Spirit, Gr	8.4
True Passion, HT	8.4
Vernon Rickard, MinFl	8.4
Brindabella Purple Prince, F	8.3
Cherry Frost, LCl	8.3
Clovie, HT	8.3
Liz's Charm, HT	8.3
Vibrant Vonnice, HT	8.3

SOUTHWEST

ROSE, CLASS	RATING
Dancing Pink, F	9.0
Swizzle, MinFl	9.0
Sweet Spirit, Gr	8.9
Pink Pearl, Mini	8.7
Pretty Polly White, Pol	8.7
Celestial Night, F	8.5
Cream Veranda, F	8.5
Pretty Polly Lavender, Pol	8.5
Vernon Rickard, MinFl	8.5
Eyeconic Mango Lemonade, S	8.3
Petite Knock Out, Min	8.3
True Passion, HT	8.3

DENVER AREA & CITIES ALONG THE FRONT RANGE

Altissimo, LCl
Applejack, S
Ballerina, HMsK (29)
Betty Boop, F (32)
Bill Reid, S
Dainty Bess, HT (30)
Double Delight, HT
Europeana, F
Fragrant Cloud, HT
Gizmo, Min
Golden Wings, S
Gourmet Popcorn, Min
Grandma's Blessing, S
Jeanne Lajoie, ClMin
Julia Child, F
Knock Out, S
Lilian Austin, S
Linda Campbell, HRg
Moonstone, HT
Modern Sunrise, S (33)
Pat Austin, S
Queen Elizabeth, Gr
Sally Holmes, S
Sexy Remy, F (31)
Veteran's Honor, HT
Wild Blue Yonder, Gr
Winnipeg Parks, S
Zephyrine Drouhin, B

answers from fellow gardeners in your area. Or post a list of what you are considering and ask if anyone in your area grows them. Be sure to post your zone and more so where you live. As I mentioned previously zone information alone isn't enough to go on.

We now have two regional trials in the U.S. that rate roses by region. The AGRS and ARTS Trials are starting to compile lists of roses that have won regional awards. In many instance across regions. Check out their websites as another source to regionalize your choices. Both trials are no spray which is a great help. Don't forget Earth-Kind Roses as well.

The next step is to take into account your care regime. Disease resistance comes into play here. If you have a regular fungicide program then this might not be



SOUTH CENTRAL DISTRICT

COVERS ZONES 7A- 9A

Carefree Beauty, S, 7A

Julia Child, F, 8

Koko Loco, F,

Photo Maureen Ohanahan (35)

Old Blush Cl Ch, 8,

Photo Joe Plunket (36)

Pink Drift S, 9a,

Photo Meg Ware (37)

Plum Perfect F, 9

Quietness S,

Photo Pam Smith (34)

Savannah, HT, 7b

Shirley's Bouquet, HT, 8

Cinco de Mayo, F, 9



a top concern. If you don't spray this is a very important consideration. So when you ask your local rose society or an internet group don't forget to ask what their care regime is.

Another part is how often are you able to fertilize. Some roses need more than others, so if you have limited time look for roses that are more vigorous. This can be hard to pin down but as a general rule I find roses on their own roots tend to be more vigorous by nature. I find shrub roses and old garden roses generally also fall into this group. That being said I also know of floribundas and hybrid teas that are beasts. But do think about this. The industry as a whole is supply more and more roses on their own roots so they are getting easier to find.



PACIFIC NORTHWEST

Autumn Sunset, S

Iceberg, F

Julia Child, F

Marilyn Monroe, HT

Sally Holmes, S

Savoy Hotel, HT

Sexy Remy, F

South Africa, Gr

Sugar Moon, HT

Queen Elizabeth, GR

Veteran's Honor, HT

YANKEE DISTRICT

Calypso, S
Canyon Road, F
Chianti, S
Distant Drums, S
Earth Song, Gr
Fourth of July, LCI
High Voltage, S
John Davis, Kor
Julia Child, F
Kasmir, S
Lady Elsie May, S
Mother of Pearl, Gr
New Dawn, LCI
Passionate Kisses, HT
Peach Drift, S
Pink Brick House, F
R. gallica versicolor, (Rosa Mundi), Sp
Screaming Neon, S
Sir Thomas Lipton, HRg
South Africa, Gr
Sunshine Daydream, Gr
Super Hero, F
Sweet Spirit, Gr
Tangerine Skies, LCI
Teasing Georgia, S
Tiffany, HT

NEW YORK UPSTATE & DOWNSTATE

(VERY DIFFERENT CLIMATES)

MANHATTAN/LONG ISLAND

Oso Easy Cherry Pie, S
Brick House, F
Bliss Parfuma, F
Dark Desire, HT
South Africa, Gr
Bordeaux, F
Mandarin Ice, F
My Girl, S
Music Box, S
Gabriel Oak, S

BUFFALO/ROCHESTER/SYRACUSE

Dick Clark, Gr
Julia Child, F
Bonica, S
Graham Thomas, S
Veterans' Honor, HT
Iceberg, F
The Fairy, Pol
Olympiad, HT
Queen Elizabeth, Gr
Cherry Parfait, S



As we all know growing roses for any reason is a rich and rewarding past time. With so many roses to choose from there are many roses right for your area. Taking a little time beforehand to discern what they are is the first step to rose growing success.

Regional information on page 89 is from Roses in Review data. Please note: roses are in order by rating, they are based on rating and how many reports received, and all are new roses, most less than four years in U.S. commerce.

Paul Zimmerman is the owner of Paul Zimmerman Roses, leads garden tour abroad, designs gardens and is an Independent Consultant to Jackson & Perkins.

In Memoriam

We Remember Clarence Rhodes



Clarence Rhodes
1929 - 2022

Clarence Rhodes, the “Rose Man of Capisic Street,” passed peacefully on May 11, 2022, one month shy of his 93rd birthday. Curiosity, efficiency, an eye for precision and the pursuit of excellence were chief among his gifts, informing all facets of his life and work. Legendary for his storytelling, he nevertheless communicated best with a pencil and paper napkin in hand. Clarence was inventive, hard-working and generous. He was devoted to his wife, Phyllis, and his family, and loved nothing more than helping others succeed.

Clarence was born June 11, 1929, in Tunnelton, West Virginia, the second of seven children born to Brad and Mina Rhodes. He grew up in Deer Park, Maryland, attending a two-room school house and never missing a day despite the many chores required of him and his siblings to run their small farm. In 1946, he graduated from Oakland (Maryland) High School, five days before turning 17. He immediately enlisted in the U.S. Navy where his work ethic and keen mind landed him in charge of the USS Compton’s desalination equipment. From 1946 to 1948, Clarence served on three destroyers visiting Mediterranean ports. He always maintained serving in the Navy was like a vacation compared to the rigors of rural life in the Allegheny Mountains. Upon discharge, he moved to Cleveland, at the time a city of prominence and prosperity as an industrial and commercial center. He began work as an electricians’ helper at the Dobeckmun Company. There he met and fell in love with Phyllis Blumenfeld. They married in 1952.

Ever seeking self-improvement, Clarence attended technical college in the evenings and worked as an industrial electrician for 20 years. In 1968, he struck a bold move taking a position as a field service engineer with Reliance Electric, moving his family to Portland. His reputation for problem-solving, integrity and customer service led to national and global customers requesting him by name to start-up new major motor and drive systems in steel and paper mills and other large manufacturing plants. He retired in 1993, having traveled to Luxembourg, England, Israel, Argentina and Mexico on long-term assignments.

The move to Portland also introduced Clarence to rose growing, a milieu for competition, fun, friendship and more travel to the country’s largest rose gardens. “Rosie” grew more than 250 prize-winning hybrid tea rose bushes at his home which became something of a local landmark. An accredited American Rose Society Horticulture Judge and Consulting Rosarian, he exhibited at and judged regional, national and international rose shows. The Yankee District recognized him with its distinguished Silver Honor Medal and Outstanding Consulting Rosarian awards. He was a past president and longstanding member of the Maine Rose Society. As a CR, he provided guidance to the City of Portland on the Rose Circle at Deering Oaks. In 1991, Clarence and Phyllis joyfully attended the World Federation of Rose Societies Convention in Belfast, Ireland. After Phyllis’s death in 1992, the rose circuit and its friendships deepened and included a trip to New Zealand. Clarence was frequently featured for his roses in the *Portland Press Herald*; he was profiled in *Yankee* and *Portland* magazines. He inspired Portland author Aurelia C. Scott’s 2007 book *Otherwise Normal People: Inside the Thorny World of Competitive Rose Gardening*.

Even in retirement, Clarence had more ideas than time. He was happiest tinkering, mastering the art of composting, tending his bountiful vegetable garden, canning the results of his labor, traveling and solving the problems of the world with his buddies at Tony’s Donuts and Market Basket. He relished having visitors to his garden and sharing his knowledge of growing anything, but especially roses. He will be missed.

For more about Clarence Rhodes, see an excerpt from Teresa Mosher’s book, *How Roses Touch Our Lives*, on our website, www.rose.org/single-post/meet-clarence-rhodes. To purchase Teresa Mosher’s book with Clarence Rhodes and other great Rosarians stories, contact Teresa for information at purpleroseslady@gmail.com. Photo John Mattia.

Blooming Gifts

The American Rose Society is most grateful to the individuals, societies and companies listed below for their generous contributions. Support of the ARS through such donations provides funding for the continued development of the largest nonprofit educational organization dedicated to all aspects of the rose. The ARS is exempt from federal income taxation under Section 501 (c) (3) of the Internal Revenue Code and contributions to the society are tax deductible to the donor as provided by law. We acknowledge all contributions to the American Rose Society. We notify recipients of all gifts received in their honor and notify family members of gifts received in memoriam, in accordance with the donor's instructions. We recognize all donations in *American Rose*. Contributions listed are those received from September 1, 2022 through December 31, 2022. Those received after this date will appear in your Mar/Apr 2023 issue. Annual Fund donations for the 2022 Annual Fund will be listed in the March/April 2023 issue.

GIFTS IN HONOR-MEMORY OF

<i>In honor of Patti Spezzaferro</i> Eleanor Rakonitz	<i>In memory of Marlies</i> Angelika Swantek	<i>In honor of Joe Yelinek</i> Anna & Ed Wilkinson
<i>In honor of Connie Reeves</i> (Birthday) Steve Reeves	<i>In memory of Harriet Wootton Harris</i> Liz Carter	<i>In memory of Evelyn Dumas</i> Jan Dumas
<i>In memory of LTC Robert H. Little, Sr.</i> Alice Little	<i>In honor of Baldo Villegas</i> Lake Superior Rose Society	<i>In memory of Mary Ramsey Tuttle</i> Patricia McFall
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<i>In memory of Dr. Douglas</i> V. Horbelt Patricia Horbelt	<i>In honor of Beauty, Love & Peace</i> Linda Larsen	<i>In honor of Charlotte Hundley</i> Joyce Moorman
<i>In memory of Linda Burg</i> Ted Burg Betty Cassina Burling Leong Gold Country Rose Society	<i>In memory of Elizabeth Robertson</i> Sue Dempsey	<i>In memory of Ann Schultz</i> (Happy Birthday) James Schultz
<i>In honor of Barry Johnson</i> Estelle Bertolucci	<i>In memory of Bradford (Brad) Mayo</i> Southwest Louisiana Rose Society	<i>In memory of Jules Rose Ballard</i> Rosemary Ballard
<i>In honor of Mom & Dad</i> Diane & Chuck Brailsford	<i>In memory of Mayor Walter</i> Frank Stawasz, Jr. Anne Gremillion Andy & Beverly Oden	<i>In honor of Newton Avocado Manor</i> Kimberly Newton
<i>In honor of Joy Long</i> Sandra Pait	<i>In memory of Frances Bennie</i> Syracuse Rose Society	<i>In memory of Anne Belovich</i> Faith Gant
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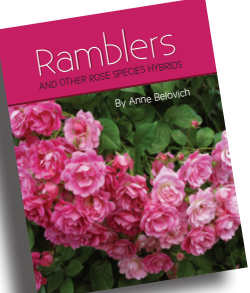


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Inside Roses

*A personal investigation into the anatomy and physiology of the rose
by Gary A. Ritchie, PhD, Master Rosarian*

The Soil Beneath Your Roses: Part 1, Introduction

I KNOW YOU'VE BEEN WAITING with bated breath all winter to learn what new topic I'd be covering in my next series of Inside Roses columns. So now you know. We will be taking a deep dive into soils.

Folks who live in or near cities, far removed from the agricultural heartland that feeds every one of us, don't pay much attention to soil. When I mention to friends that I once had a college roommate who was working on a PhD in soils, they display amazement. "Soils, really? what's there to know about soils?" they would say. Well, the fact of the matter is that soils form the

basis of agriculture, and agriculture forms the basis of civilization. Hugh H. Bennett, a pioneer in the field of soil science and former head of the Soil Conservation Service, once said: "Out of the long list of nature's gifts..., none is perhaps so utterly essential to human life as soil."

Actually, there is a lot to know about soils. In fact, no less than 51 universities in America offer degrees in soil science and, of these, 20 offer PhDs. Every state has its own soil science agency, soil survey and state soil scientist. Many scientific organizations, including



the Soil Science Society of America, American Society of Agronomy, and the U.S. Consortium of Soil Science Associations, are dedicated to the study and application of soil science.

So, what is soil? The Soil Science Society of America offers the following, straight forward, definition: "Soil is the unconsolidated mineral or organic material on the immediate surface of the Earth that serves as a natural medium for the growth of land plants."

In our investigation of soil science among the topics we will explore are:

Soil Parent Materials:

Soils form from a wide range of primarily inorganic materials such as rock, sand and clay. These may be very old - billions of years for parent materials derived from old basement rocks, to very young for soils formed on glacial till or recent fluvial (river) deposits.

Soil Genesis:

Nearly all soils begin life as rock. Soils form when rain, ice, wind, acid and other natural agents act on these rocks over millennia to break them down into small particles, releasing chemical nutrients, and creating pore spaces that hold air and water.

Soil Texture:

Soil is made up of sand, silt, clay and organic materials in various combinations. The ratios of these materials have a major effect of the ability of the soil to hold air and water as well as its fertility.

The Soil Profile:

As you dig down into the soil you will pass through a series of layers known collectively as the soil profile. At the bottom is the parent material from which the soil was derived. Moving upward through the profile you pass through several layers known as horizons. Each of these exhibits different physical, chemical and biological properties depending on numerous factors.

Soil Color:

Interestingly, the color of soil often reveals a great deal about where and how it formed as well as its fertility.

Soil Biology:

Soils are literally humming with biological activity, from seeds and spores, to worms and insect larvae, to nematodes, bacteria, and fungi. These communities of organisms, and their complex interactions with other soil properties, play a critical role in the nature and productivity of the soil.

Soil Nutrition:

The ability of soil to provide chemical nutrients to plant roots depends on what nutrient elements are present, what form they are in, and how available or unavailable they may be to the plant. This includes the mobility of the nutrients, the pH of the soil water, its cation exchange capacity and other key factors.

Soil pH:

The acidity or alkalinity of the moisture in soil strongly affects how available each nutrient element is to uptake by plant roots. Certain nutrients are more available at higher pH values, and others at lower values.

Soil Compaction:

The degree of compaction of a soil strongly influences its penetrability by plant roots, soil biology, and the ability to retain oxygen and moisture, and to exchange nutrients. Clay soils are easily compacted by gardening activities, while sandy soils are less so.

Managing the soil in your rose garden:

Gardeners have many tools at their disposal with which to modify soil texture, nutrition and biology in a way that is advantageous for plant growth. In the columns ahead we will review some of the important ones.

So, buckle up and get ready for some interesting reading.

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