

THE ROSE PETAL

A MEMBER OF THE AMERICAN ROSE SOCIETY



CALENDAR

November 6, 7 Fall Plant Sale, Mounts Botanical Garden

November 22, 7:09 pm, Mounts Auditorium, GPBRS meeting, Rose Petals Nursery owners Art & Cydney Wade, experts on Old Garden and Antique Roses.

December 6, 6:00 pm HOLIDAY PARTY, Mounts Auditorium. Bring your favorite dish for a real old-fashioned pot luck dinner! Call Debbie if questions 561-313-0077

CONTENTS

- 1. Presidents' Letter
- 2. November meeting details
- 3. Holiday Party details Dec.6
- 4. Veterans' Day tribute
- 5. Why not....Smart Pots?
- 8. Roses, roses, everywhere
- 12. ARS
- 13. Bd of Directors, Cons.Rosarians
- 14. Membership application, useful websites

A Message from our Co-Presidents, Debbie and Geoff Coolidge



Happy November, already? The weather is a bit cooler if you get up before 7:00 am. Thanks to all the wonderful volunteers who helped clean up the rose garden at Mounts Botanical garden last month. The garden is in nice shape and ready for the fall plant sale November 6 & 7, when hundreds of plant people will be wandering the gardens.

What a wonderful and informative program in September by Dr. Lance Osborne. We all learned so much.

In October we had our consulting rosarians available to help with all your rose related questions.

At the next meeting, November 22, our friends Art and Cydney Wade, owners of Rose Petals Nursery, will be presenting a program on antique roses. They are passionate about their antiques (OGR'S) and very knowledgeable. I'm sure they can suggest the perfect rose to fit your needs, and tell you the story behind the rose as well!

Visit their website rosepetalsnursery.com or call them at 352-215-6399 to pre-order a plant from them, and they can bring it along with them.

Rosey Best Regards, Debbie & Geoff

NOVEMBER GPBRS MEETING

ROSE PETALS NURSERY
NEWBERRY, FLORIDA

Phone Number: 352-215-6399 or 352-278-6399

roses@rosepetalsnursery.com

Our November meeting promises to be a real treat, with Art and Cydney Wade of Rose Petals Nursery presenting a program on Old Garden Roses and Antique Roses. Art and Cydney have been growing these for many years, and their knowledge is a treasure that they will share at this meeting. Their website exhibits several of their many offerings, along with lots of information. We suggest that if you'd like to add to your OGR collection, you give them a call. They can suggest some of the best roses for your location, and if you pre-order, they can bring the roses with them.

Don't miss this one!

Monday November 22, @ 7 pm,
Mounts Botanical Garden Auditorium,
West Palm Beach



HOLIDAY PARTY

Monday December 6, at **6 p.m.**

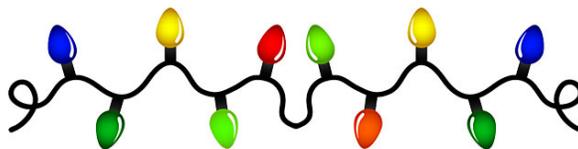
Mounts Auditorium



As in the past, all our members will bring a dish so that we may celebrate the holiday season together. Bill Langford has promised to bring the main dish, and the rest of us will each bring our favorite dish to share, for a real pot-luck surprise! Let's kick off the Holiday Season with a shared meal, and a chance just to visit and get to know one another better.

If you wish, you may also bring an unwrapped gift for a child under the age of 12, in the spirit of the season. Friends and family are most welcome. Let Bill or Debbie know whether you will be attending, and if you're bringing a guest, so that we will be prepared to greet everyone.

SEE YOU THEN !



Phone numbers: Bill Langford. 561-309-8736

Debbie Coolidge. 561-313-0077



Here's to a heart-felt tribute to soldiers who've valiantly served our country! We often associate the poppy with Veteran's and Memorial Days. Red poppies are a hardy flower which endured through battles to grace the graves of fallen soldiers. A war-time poem, "In Flanders Fields" was written by Lt. Colonel John McCrae, M.D. (a Canadian) while serving on the front lines in WWI in Belgium. The poppy is said to represent the blood of fallen soldiers, but also new life and hope amidst desolation.

Veterans Honor



The rose is also used to remember our loved ones. The red rose symbolizes romance, love, beauty, and **courage**. It can also be said, since our fallen soldiers had a passionate and pure love for their country, it's fitting that there are several roses named to honor veterans. A Florida favorite is **Veteran's Honor**, a Hybrid Tea and can grow to 5 ft. tall.



Because She Served is a hybrid tea that honors the courage and commitment of the valiant women who have served our nation for generations. It's sold at Heirloom Roses through a Courtesy partnership with Women Marines Association-OR1. This rose does like cooler temperatures and may not be a great rose for our Florida zone; however, it is worthy of mention for its value of honoring women veterans.

Yellow roses are also associated with remembrance. In honor of Veterans Day, the 911 Memorial Organization pays tribute to the 9/11 victims who served in the United States military by placing yellow roses in their names at the 9/11 Memorial.

911 Memorial



Two yellow roses that have performed well in Tampa are Julia Child, a Floribunda and Gold Medal, a Grandiflora.

Julia Child.

Gold Medal



***To Our Veterans, with gratitude for your service to America
On Veterans' Day, and always.***

Smart Phones, Smart Cars....Why Not Smart Pots? *Container Design Affects Plant Development*

by Gaye Hammond, Master Rosarian, Houston Rose Society This article is an Article of Merit winner

Root deformation and heat saturation of planting media are common challenges associated with growing roses and other plants in a container – whether you are a commercial producer or a rose grower. A strong root mass means a strong plant and a strong plant is more resistant to insects, disease, weather fluctuations and is easier to care for overall.

Advances in technologies are helping address and overcome these challenges. Researchers at the University of Florence (Italy) have studied the effect of container design on long term plant health and their findings are very interesting. Plants grown for a long period in smooth sided plastic pots result in deformed root systems. This happens because lateral roots are prevented from the normal horizontal growth pattern, contact the sides of the container, turn and begin to circle the root ball or the roots grow vertically to the bottom of the container and then begin to circle.

Some refer to this as the plant being “root bound” or “girdled.” Kurt Reiger at High Caliper Growing explains, “In plastic, roots circle the outside of the soil mass and leave a blank space in the middle. We are root specialists. Plants perform much better when they have a fuller, more complete and defined root structure. This is especially important for plants from which cuttings will be taken (like roses).” Circling roots that form at the bottom of the container usually fail to change direction and grow into the soil profile when transplanted. Eventually reduced root growth and continued root deformation impacts the overall vigor of the plant.

Mechanical intervention by making cuts on the root ball periphery or splitting and splaying the bottom third of the root mass are two common strategies for dealing with “root bound” plants. However, both strategies can cause transplant shock of already stressed plants. Correcting a malformed root system is critical to the long term health of a rose, especially hybridizers working with new seedlings.

The evolution of container designs intended to reduce deformation run the gamut of options from disrupting smooth container walls by inserting ridges; coating the inside of the container with a root-growth inhibitor; injecting root-inhibiting chemicals directly into the plastic before the container is formed and/or using woven plastic strands formed to shape that, in effect, cause roots to be air pruned once they emerge into open air.

By testing panoply of container designs, scientists found that traditional smooth sided containers produced the highest percentage of deformed roots when compared to plants grown in containers with air pruning or mechanical impediments.

A solution to these challenges literally dropped into my arms at the Texas Nursery & Landscape Association Exposition several years ago. That year, I saved a display of Smart Pots™ (High Caliper Growing, Oklahoma City, Oklahoma) from tipping over and for coming to the product’s rescue went home with a Smart Pot™. The company representative

suggested I walk through the trade floor and take note of how many of the fully grown trees at the Expo had been planted in these patented fabric pots. I was impressed.

Research has been done by Dr. Michael Arnold and Dr. Garry McDonald at Texas A&M University on the use of Smart Pots™ to reduce root deformation of container-grown Knock Out® Roses. According to Dr. Arnold, “Root deformation in the form of deflected roots at the container wall is an inherent problem associated with limited root volume of a container that leads to circling or kinked roots that may persist when plants are transplanted to either larger containers or in the landscape.” Dr. Arnold found that the use of Smart Pots™ decreased root deformation and circling of container-grown rose roots by five times and also doubled the size of the root mass compared to traditional plastic containers.



In a Smart Pot™, when a root tip reaches the side of the fabric container, it stops in place and initiates lateral or side branching. As the process repeats itself, the entire area of the container is filled with fibrous root growth, allowing more surface area for mineral and water absorption.

Root architecture problems are not the only limitation when it comes to container grown plants. Increased temperatures in the root zones, due to reflected radiant heat from gravel, concrete or other surfaces, together with container design materials can also negatively affect plant roots. According to the University of Illinois, dark colored, metal and black plastic containers develop the highest root zone temperatures.

Drs. Arnold and McDonald also found that the root balls of plants in Smart Pots™ were noticeably cooler and moister to the touch compared to those in black plastic containers, suggesting that evaporative cooling may be the cause of the reduced temperatures. With an outside ambient atmospheric temperature of a whopping 106° F roses grown in black plastic pots had a substrate temperature of 130.8° F, while plants in Smart Pots™ had substrate temperatures more than 33° cooler, (97.4°F).



Typical root system of plants grown in smart pot.

Technology has made us smarter about our pots!

This article has been reproduced from the quarterly bulletin of the Gulf District, the Miss-Lou, editor B.J. Abshire

Roses, Roses, Everywhere.... *By Kathy Rose, editor, The Rose Petal*

In September this year, 2021, my husband Bob and I took a long-anticipated trip to Nova Scotia, Canada. We were to rendezvous with Bob's brother and his wife, whom we hadn't seen since the summer of 2019, before Covid 19 started to wreak havoc around the world. Our plan was to spend a week each at two B&B's, in different parts of the province. We had booked the accommodation many months in advance, in the optimistic hope that the virus would be quietening down, and travel restrictions, including international travel, would be eased. Canada had requirements that we have our vaccines up to date, and a negative Covid test within 72 hours of crossing the border, and we must present proof of these upon our arrival. And of course, masks. The Eastern maritime provinces were even more stringent, requiring proof of vaccination before entering restaurants, museums, and so on.

For the months leading up to our trip our hopes rose and fell along with the infection and hospitalization rates in both countries, but we were determined to make the trip. Fortunately, all our plans fell into place, and we left home September 1, flying to Bangor Maine, where we rented a car for the drive into New Brunswick and the ferry ride across the Bay of Fundy to Nova Scotia. We were closely trailed all the way by Hurricane Ida, which caused widespread damage and flooding in Philadelphia soon after we made our connection there. The connection was delayed by a mechanical problem, and we were really worried that we might not make it out. But we did, and arrived in Bangor that evening. Remember, we had exactly 72 hours from the time of our covid test in Florida to cross the Canadian border. Too late to cross the border that night, we had a late dinner in Bangor and strolled along the river. We saw many robust looking shrubs, which on closer examination proved to be beautiful healthy wild roses, covered in deep pink blooms. What a nice surprise!

We set out the following morning, driving through southeastern Maine toward St. Stephen, New Brunswick, with Hurricane Ida still on our trail. As we drove, I received a text from the ferry company that our trip that day would be canceled because of the rough seas from the storm. We would have to overnight in Saint John and hope to cross the following day.

We crossed into Canada, not without some fuss, because there had not been a lot of travel back and forth - both countries had severe restrictions. But as Canadian-born people, we were admitted, and spent the lunch hour and early afternoon strolling around St. Stephen, visiting the wonderful Ganong Chocolate outlet, and enjoying a delicious lunch (after showing our vaccine cards and signing a contact list). The following day was calmer, so we ferried over to Nova Scotia through whale and dolphin waters, and to my disappointment, saw not a one. But on our arrival in Nova Scotia, and especially in Annapolis Royal, where our first B&B was, we saw roses everywhere we looked. They grow in the ditches, along the field borders, beside the highway, and in everyone's garden.

Annapolis Royal was the first permanent settlement in Canada, and was settled by French farmers, who relished the rich soil of the area, the Annapolis Valley. The French in that area were known as Acadians, and were quite prosperous. So prosperous in fact, that the English decided they'd like the area for themselves, and eventually the Acadians were rounded up and transferred to various places in the Caribbean, and most well known to Americans, to Louisiana - the "Cajuns".

We liked the Annapolis Valley too, so much so that, even though we would be moving on to join up with our family on the Atlantic coast of Nova Scotia, we made plans to return on our own before our trip home.



Our next stop was Mahone Bay, near the famous Peggy's Cove, where we met with Peter and Louise. Again, everywhere we looked, roses - both wild and domesticated. And the scents! This rose is growing right at water's edge in the harbor, which is saltwater. Bumblebees seemed to love it too.

A visit to nearby Chester was full of delights for me - delights in seeing the many rose gardens, but disappointment that I didn't know enough to identify all the roses I saw. And amazing hips! I wanted to move to Chester.



The Atlantic coastal area of Nova Scotia is lovely, wild, scenic, dotted with small picture perfect harbor villages. Some have been discovered as tourist attractions, but there are still some quiet and beautiful spots.

After a week of enjoying the people, the scenery, the food and the gardens of the Atlantic coast, we moved up to the Cape Breton Island part of Nova Scotia, a little to the northwest of the lower

province, across a narrow causeway. A world of its own. When we found our next B&B all four of us were tired after the long drive, the last part on gravel roads, and ready to put our feet up.

Here is what we found:



A cute country cottage, built from logs, and surrounded by apple, pear, and plum trees, grapevines, raspberry canes, and acres of forest. It was a wonderful retreat - but no roses! The perfect place to read a book, or write one, but miles from any of the sights and scenes we were hoping to see.

For a nature lover like me, it was delightful - I even discovered wild orchids growing in the lane - but with the gorgeous Cabot Trail waiting, we went off on expeditions every day.

Cape Breton is a wonderful place to

hike, sail, shop, eat, and play golf. It's full of history, especially of the Celtic settlers, mainly Scottish, who made their home here. It's home to the famous Celtic College, where Scots come to learn Gaelic language and music - bagpipes, fiddling and song. We attended a ceilidh, or Gaelic party, there.

The time passed quickly, and soon we were saying goodbye to Peter and Louise, and heading back to the Annapolis Valley. Our first stop in that area was Wolfeville, home of Acadia University. The valley is renowned for its fruit crops, and it being September, we found fruit in abundance. We also found some pretty good lobster! And Roses! Back in Annapolis Royal, we visited the Historical Garden, which our daughter had told us we must not miss. She was right, it was amazing. Built for a Governor in the 18th century, it was a beautifully laid out garden on the shore of a salt marsh. The rose garden in particular was lush, even in late September, even with many of the roses gone to hips, and I could have spent long hours if my legs would have carried me, just meandering through, camera in hand.



Some photos...

And many, many more... Never travel without looking for a rose garden, and have your camera ready!



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Consulting Rosarians

Our consulting Rosarians are appointed by the American Rose Society after spending years growing roses and being tested on their overall knowledge of roses and their care. The freely share this knowledge with anyone who loves and wants to grow roses.

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- www.heritagerosefoundation.org
- redneckrosarian.com
- rosegardeningworld.com
- thegardendiary.com (roses & companions)
- theheritagerosesgroup.org
- worldrose.org
- www.gardendesign.com/roses/care.html
- Rose Gardening Guru - planetnatural.com
- Quiet Hut - quiethut.com/rose-gardening/
- Rose Magazine - rosemagazine.com
- antiqueroseemporium.com (has a downloadable "Rose Reader" pdf with excellent info & photos)
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