Those Mysterious Webs on Tree Trunks

by Jane Morse, University of Florida/IFAS Extension Agent, Pinellas County

Have you noticed silken webbing covering the trunk of a shade tree, especially citrus trees or oaks?

Are you in a panic, searching your garage for something to spray on the web? Relax. There is no need for concern or control efforts. What you are seeing is the webbing of a small insect that feeds on lichens, fungi, pollen and decaying organic matter. This small, harmless insect is called a psocid or webbing barklouse. (Pronounce it so-cid.) Its scientific name is Archipsocus nomas.

Psocids construct a fine silken web on tree trunks and sometimes on large branches. This web protects the maturing insects from rain and predators. The webs may cause concern, but neither the insect nor its web cause any harm. These webs are usually observed during the summer months.

In the spring, female psocids lay their eggs in clusters on leaves, branches and trunks of trees. They cover the eggs with a very fine web that is mixed with debris or sometimes with feces. The cluster of eggs is very tiny and hard to see. From March to June, colonies become more frequent, and from July to October these colonies rapidly increase in both number and size. By early December, populations have been greatly reduced by frost, and the webs begin to fall apart. Colonies of psocids are rare in the winter, seeking shelter in live oak hammocks and stands of cabbage palms where they are best sheltered from killing frosts.

These insects are harmless and serve a purpose in nature. Just let them do their thing.

There are no recommended control measures. For more information on psocids visit the University of Florida Featured Creatures website at http://creatures.ifas.ufl.edu/trees/barklouse.htm.

Please note that this drawing is greatly enlarged. In real life these harmless insects are tiny specks on your tree trunk and should be left alone. About1MM
The Green Leaf is published by Pinellas County Extension for Master Gardeners and others. The monthly newsletter depends on submission of articles from Master Gardeners, Extension staff and other authors.

Please submit articles and photographs to cscaffidi@co.pinellas.fl.us

The Green Leaf and archives are available on-line by clicking on newsletter

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Chuck Scaffidi, MG

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We are especially appreciative of staff, MGs, and others who contribute articles, events and other items of interest to The Green Leaf each month. Please submit by the 20th of each month. This will help us assemble and publish the newsletter in a timely manner. Articles should be 700-800 words or less. If you would like a copy of any photograph printed in the newsletter, contact MG Editor Chuck Scaffidi at 727 582-2117.

cscaffidi@co.pinellas.fl.us

Daisies Spruce up the Gardens

Daisy Troop 473 from the Sand Eagles service unit in Wesley Chapel spent a recent Sunday morning in the gardens completing their annual service project. Master Gardeners Richard and Terry Berube worked with the youngsters, first explaining the difference between a weed and a welcome plant and then how to pull out a weed with its roots intact. They did a fine job cleaning up the azalea garden and along the peach path, after which they adjourned to the cool shade of the Tropical Pavilion to celebrate with an end-of-the-year party and a Bridging ceremony into Brownie Scouts.

We got a nice note from troop leader Jade McKendree, who set up the work party with the Foundation. (Let’s spread the word that the FBGF welcomes groups such as this to be part of our commitment to community service as well as beautifying our natural world.)

Thank you again so much for letting our troop come and work in the Botanical Gardens! It was a very enriching experience for them and a great end to our year learning about gardening and taking care of the Earth! And we loved wandering the gardens afterwards - they are so beautiful!! I am sending you some pictures via Snapfish.

Thank you again so much and we hope to come back soon!

Kindest Regards, Jade McKendree

And the Gardens thanks the Daisies!
MGs Enjoy Edible Yard Tour

By Jai Hambly, MG

Back in the early part of the 20th century many people grew their own food. During the wars people had Victory Gardens. By mid-century life became easier and people started buying prepared foods. Today, most of us are so far removed from the farms that many young people don’t even know where food really comes from.

Many people are choosing organic food these days but due to high costs and low availability, many are putting in organic edible gardens. And it looks like this trend is here to stay.

On May 26 about 20 Master Gardeners visited my organic edible gardens. They were served organic iced tea made with fresh garden herbs. As they walked through the gardens they saw and learned about many unusual fruit trees such as the strawberry tree, moringa and Brazilian cherry, also jack fruit, paw paw, Barbados cherry and cherry of the Rio Grand. They smelled, tasted and admired various fruits, as well as many different herbs such as fennel, stevia, lemon balm, Mexican cilantro, Texas tarragon, sorrel and more. Many remarked on how the herbs and fruits were so uniquely flavorful.

The tour emphasized several plants that thrive in the hot summer heat like true hibiscus, false hibiscus, melokia, African spinach and Florida cranberry as well as many herbs, eggplant, peppers and pineapples.

After the tour all relaxed on the patio, ate watermelon, listened to the gurgling water fall and exchanged thoughts and favorite experiences:

Delia: “This was very informative and I loved the way you arranged everything. There is a very nice feel to the garden.”

Donna: “It amazes me how many plants you have in such a small lot but they’re not crowded. The gardens have an airy feel.”

Ruth: “You have the best edible garden I have ever seen.”

Patty: “This is the best variety of edibles and the most interesting yard in Pinellas County.”

Eloize: “Jai, you truly are a Master Gardener!”

We all had a great time and I would welcome all your friends and neighbors to come for a garden tour. My gardens are open on Saturdays from 10-2 for tours and workshops and during the week by appointment. Contact me at Jai Hambly, Organic Living, 1612 Gentry Street, Clearwater, Florida 33755; 727-433-1661; or at my website, www.OrganicLivingforall.com
**Weevils Kill Canary Island Date Palm at the Florida Botanical Gardens**

By Jane Morse, UF/IFAS Extension Agent, Pinellas County Extension

Recently a Canary Island date palm at the Florida Botanical gardens was found to be infested with palmetto weevil, *Rhynchophorus cruentatus* Fabricius. These weevils have been present in Florida for about 1 million years. They are the largest weevil in North America and the only species of palm weevil in the continental United States.

The adults vary in color from solid black to almost completely red with a variable black pattern. They are about ¾ to 1 ¼ inches long. The larvae, or grubs, are legless and creamy to yellowish in color. Their head is dark brown and very hard. Mature grubs can weigh up to 6 grams. While we don’t know of anyone in the U.S. consuming palmetto weevils, the larvae of palm weevils are considered a delicacy in other areas.

Male weevils are attracted by the odors “palm esters” given off from dying, wounded, or recently transplanted palms. As soon as a male weevil finds a palm like this it settles in and starts releasing an aggregation pheromone “cruentol” to attract other male and female weevils. The two odors together are very attractive to weevils and they come flying in just like people flocking to the mall during a great sale. As more males land on the host, they also start releasing currentol to attract more males and females. Once a population has gathered on the tree they start mating and soon eggs are laid.

Symptoms of a weevil infestation vary, but generally an irreversible decline of younger leaves begins. In palm species with upright leaves, such as the Canary Island date palm, the older leaves begin to droop and quickly collapse. As the eggs hatch and the larvae start to feed on the crown of the palm the damage and associated rot becomes so severe that the top of the palm falls over. If the crown is examined at this point larvae, cocoons and adults will be found in the crown region. Early detection of weevil infestation is difficult and even during the early stages of an infestation treatment may be too late to save the palm.

If you find that these weevils have infested your palm, the best response is to cut down the infested palm and destroy it before new adults can emerge. Applying insecticides to infested palms is futile. Newly transplanted palms can be treated with insecticides, but the costs can quickly become too expensive unless only a few trees are protected.

Palms that these weevils use as hosts include: Our native cabbage palmetto (*Sabal Palmetto*) and saw palmetto (*Serrenoa repens*). Several exotic species which have been infested include: Canary Island date palm (*Phoenix canariensis*), date palm (*Phoenix dactylifera*), *Pritchardia* species, *Washingtonia* species, royal palms (*Roystonea* sp.), *Latania* species, coconut palm (*Cocos nucifera*) and *Caryota* species.
Find Out How Much You Know About Weed Management

By Ellen Mahany, MG

Weeds are at their peak in the summer and gardeners are desperate to find control. Jane Morse, commercial extension agent for Pinellas County, presented a timely review of weed control at the June Update for Master Gardeners.

The basis for this complete review were two IFAS publications: “Container Nursery Weed Control (Circular 678)” by J. G. Norcini and R. H. Stamps, and “Response of Turfgrass and Turfgrass Weeds to Herbicides (ENH-100 revision)” by J. B. Unruh and B. J. Brecke, and “Weed Management in Ornamentals,” a fact sheet that Jane put together. These publications are available online and at the Extension Help Desk.

Weed Control Quiz

Jane’s publication includes a 10-question quiz that reveals just how complicated eradicating unwanted vegetation can be. It is reprinted here and can be answered by using “Container Nursery Weed Control” and page 3 of “Weed Management in Home Lawns.”

- What are the three categories of weeds? Define and give example of each.
- What are three life-cycles of plants? Provide a definition and example of each type.
- What type of weed control method is mulch?
- What is the definition of a selective herbicide?
- What is the definition of a non-selective herbicide? Provide an example.
- What is the definition of a contact herbicide? Provide an example.
- What is the definition of a systemic herbicide? Provide an example.
- What does a pre-emergent herbicide do?
- Post-emergent herbicides are applied to ____________ weeds. When are they most effective?
- What type of herbicide is Fluazifop?

Taking the time and effort to complete this quiz gives us the knowledge to protect valuable plants, the environment, and ourselves.

To get participants started, here is the illustrated answer to the first question. Your challenge is to answer the rest on your own.

From left to right, a grass weed, torpedo grass; a broadleaf weed, Florida pusley, and a sedge, yellow nutsedge

Andy’s Mystery Weed

One of the 11 mystery specimens in Andy’s June Update was the weed illustrated above, Rt. Hint, it is a member of the Rubiacea family. If you have a copy of Weeds of Southern Turfgrasses, you can find the answer on page 184. This weed is a nectar plant for the Larra bicolor wasp, a predator of the native mole cricket, harmful to lawns. This species is one of many weeds which are valuable wildlife attractors, even when they are unappreciated.

There will be no MG update in July, but the extra time can be spent controlling weeds
A Garden Lover's Dream Trip

By CHUCK SCAFFIDI, Newsletter Editor

One of my Chelsea Flower Show and English Gardens tour companions, MG Irma Porterfield, said it best: "Traveling with friends who share your love of plants creates beautiful memories." The recent trip with Pat Dieterich, Pat and Karen Mann, Joanne Kliesh, Bill and Barbara Jahnes, Irma, and, of course, my better half, Joan, was truly a garden lover's dream. England is famous for its magnificent gardens - both public and private - and our timing was perfect for taking in the colors and scents of spring blooms.

We all came home with a wealth of memories and the inspiration to create even more beautiful gardens for ourselves. Not to mention all the photos that I am currently compiling into a slide show that I will share some time soon with FBGF members, MGs - and anyone else who enjoys looking at beautiful flowers, castles, etc.

I also brought back lots of ideas for the Florida Botanical Gardens. Foundation board members, among others, have already been discussing bringing more art into the gardens (Diggin’ the Arts, for example), so seeing all the art and sculpture in the English gardens was like a sign. Travel Unlimited has donated $1,260 to the Foundation (a five percent rebate for those signing up through the FBGF) and I’d like us to think about using those funds for a piece for the Formal Gardens. If anyone has thoughts, I’d like to hear them.

Among the highlights of our eight-day trip was a whole day at the world famous Chelsea Flower Show, which was full of fantastic horticultural surprises from the Irish Sky Garden to the Art of Yorkshire. Kew Gardens was another.

The Arboretum at Kew is home to some of the finest specimens of trees from all over the world. It contains examples from as far back as the early 18th century to newly planted rarities from recent Kew plant collecting expeditions. Every specimen is a piece of history in the development of an ever-changing landscape, representing the generations of a great historic tree collection.

Wakehurst Place, the country estate of the Royal Botanic Gardens, is the British National Trust’s most visited property. This beautiful botanic garden is internationally significant, for both its collections and its vital scientific research and plant conservation. We enjoyed visiting the woodland and lakes, formal gardens, seeing the Elizabethan house and Kew’s Millennium Seed Bank.

The seed bank is the largest plant conservation project in the world, focusing on global plant life faced with the threat of extinction and plants of most use for the future. Wakehurst marked an international conservation milestone in 2010, conserving the seeds of 10 per cent of the world’s plant species for the future, and now working on conserving a quarter of the world’s plant species by 2020.

The Royal Horticultural Society's Wisley Garden is where English gardeners go to be inspired. Its world famous collection of plants has been developing for more than 100 years. The 240 acre garden includes model gardens for different kinds of homes, wide mixed borders that change with the seasons, wild and woodland gardens, beautiful rose gardens and trials fields where new flowers and vegetables are tested.

Arundel Castle, which is near Brighton, has been open to the public since 1800 and the gardens since 1854. Before the present Duke and Duchess moved to the Castle in 1987, the gardens had been largely neglected. Over the intervening years the Duchess, together with the head gardener, has transformed the two acres allocated to the gardens with rose gardens, perennials such as cannas and salvias, and a Victorian kitchen garden that supplies fresh fruits, vegetables and cut flowers.

Here’s what others in the FBGF contingent had to say:

Irma Porterfield: An experience that delighted many senses. Touring a castle, walking through different terraced gardens, alpine gardens, having tea in Latchets private garden with many beautiful views and a few surprises. Seeing grand flora displays of familiar plants in every color. Looking at numerous plants unknown to our gardening zone.
There were large dream gardens and smaller artisan, my personal favorites. If we’d had room in our suitcases we could have brought home amazing gardening accessories, sculptures, etc. Traveling with friends who share your love of plants created a beautiful memory.

*Pat and Karen Mann:* We went on this tour with great anticipation and we were not disappointed. That the incredible Chelsea Flower Show was not necessarily our favorite venue speaks volumes as to the other tour activities and destinations. Put us on a bus with Evelyn, our wonderful guide, and we could tour the English countryside and gardens for days.

*Pat Dietrich:* The love the English have for gardening is positively inspirational! We saw so many fabulous plants, gardens, features and accessories—truly a delight. Styles ranged from formal to cottage to whimsy, all well-maintained and growing profusely due to their unusually dry, warm spring. The Chelsea Flower Show lived up to the hype and was a once-in-a-lifetime thrill, long lines, heavy rains and all. A month later, I still feel so lucky to have visited such beautiful places.

*Joanne Kliesh:* Visiting the Chelsea Flower Show was a trip of a lifetime. We got to stay in 2 four star Hotels. One in Brighton for 3 days and one in London for 4 days. The time of year for the UK was spring so everything was in bloom. The Chelsea Flower Show was spectacular as were the gardens, estates and castle we got to visit. The travel agency did a wonderful job at putting this package together and making sure everyone, all 47 of us from all over the USA, had a wonderful and safe trip. If this trip is offered next year please consider going. You will not regret it!

In addition to the amazing floral displays, the garden art at the Chelsea Flower Show was eye-popping. My head is full of ideas, like what art can we add to our own beautiful botanical gardens? I have spots in mind, but would like suggestions on other locations and help with selecting sculptures. Then I will have to figure out a way to pay for them! Anyone with ideas, please get in touch.
By CHUCK SCAFFIDI, FBG Foundation President

We have only just celebrated the summer solstice, but here in coastal Florida the hot and humid season has arrived with a vengeance. The Gardens are still abloom, however, and if you can get by in the next few days, you will still be able to see this fantastic display. Not that there isn’t horticultural magic throughout the year. The progress we’ve made in bringing back the gardens after another devastating winter (is this Florida?) has been truly amazing. The Foundation recently contributed $5,300 to replace dead palms and add others to the collection, including a Pindo, Needle, Old Man, King Sago, Queen Sago, three Malayan coconut palms, a Maypan coconut palm, a windmill palm and 10 Paurotis palms. The Foundation also spent $5,000 to replace a large Canary Island date palm that was killed by palmetto weevils. We’ve purchased and planted hibiscus, heliconias, gold crotons, firecracker bushes, pentas and more. As you’ll see elsewhere in The Greenleaf, there is a very attractive new cacti and succulents garden, plus an impressive new azalea garden thanks to the County. And picnickers have enjoyed the six plastic tables and their colorful aluminum umbrellas that replace the rusty metal tables. I’m impressed at what we’ve accomplished and I think you will be too.

Since I am in the volunteer office most weekdays, I am able to slip out almost daily for at least brief walks. You’ll often find me checking out the progress on our mosaic in the Wedding Garden. Thanks to the collaboration of a lot of people, the glass tile water, gold fish and lily pads are already looking at home in the first pool. When completed in the next couple of months, we think Aquatic Reflections will be one of the highlights of a visit to the Gardens. There will be a grand unveiling during Holiday Lights, so keep an eye out for the date.

Speaking of our annual holiday extravaganza, plans already are well underway for an even more spectacular show than last year’s. More help is always needed, so check with me to learn how to get involved. Another exciting and ambitious project is Diggin’ the Arts, which the FBGF will be presenting next May in partnership with some of the area’s big name arts organizations. Again, we would love to put you to work. Ideas, energy, enthusiasm and creativity are always needed.

Another big undertaking on the horizon is updating the Botanical Bounty Gift Shop’s inventory and point-of-sale system. This will bring our record-keeping into the 21st century. (And make the accountants very happy.) Our old cash register will find a new home next door at Heritage Village.

Extension is involving the Foundation in a couple of exciting projects. One involves recruiting “citizen scientists” to collect local ecological information and contribute to a data base about plant and animal life cycle events and how these are influenced by climate. The first training workshop at Extension was held June 18. We’re hoping some of the volunteers will focus their attention on plant or animal species in the FBG. Extension has also invited us to play an important part in creating a model community garden at the site where the Pinellas County Green Home was planned. Our part would primarily be integrating the FBGF’s proposed children’s station for water conservation education. We’ll need Foundation member to join the planning and implementation group. Please let me know if you are interested in this project.

As you can tell, there is a lot going on with the Foundation and at the Gardens. Meeting all our goals will take all the people power we can muster. If you love the Gardens, we’re waiting for you. Bring your friends and neighbors. Or get involved and make new friends. You’ll be glad you did.

If you have any questions, concerns or suggestions, I am always happy to have a visit in the Volunteer Office or chat via email (cscaffidi@co.pinellas.fl.us) or at 727-2-2117.

We have had a reciprocal agreement with BOK Tower Gardens since 2006. I recently extended the agreement through 2012. They will except your FBGF membership for entry into their park. If you haven’t been you’re in for a real treat. For more information visit BOK Tower web site: http://boktowergardens.org

The Botanical Bounty Gift shop will be closed from July 16 to Aug. 1 while manager Stacey Zidi and her volunteers take a summer break. There are many new and interesting items, so please stop and shop either before or after.
We’re Tweeting Up a Storm

By Kathleen Jamison, Assistant Editor

Thanks to Foundation Board Member Terri Ziegler’s inside track -her home-from college daughter Ali, more and more people are tweeting us on our Twitter account. To see what our followers are saying, all you have to do is go to our website or flbotanicalgardens@flbg, click on the Twitter icon and follow a couple of simple steps. It’s fun, and a great way to keep up with Gardens news between Green Leaves.

Maybe we can even get a botanical conversation going. Share gardening tips. Ask gardening questions. Tell us how wonderful the Gardens are looking. (All “attaboys” gratefully accepted.) I’m probably the most technologically challenged FBGF member and even I am having fun following the tweets. Haven't got up the nerve to tweet myself, but that will happen. Meet you there! Thanks, Ali!

Facebook Fans Share Their Gorgeous Garden Photos

When you visit the Gardens and take fabulous photos of our trees, flowers, herbs, tropical fruits, butterflies and maybe even an alligator, please share them on our Facebook page. We’re getting more and more fans all the time and if you haven't signed up, it’s easy to do. Use the link below and click on the green sign up button at the top of the page. Become a fan today so that you can view visitor photos and comments. You can also share your experience at the gardens on the “Wall.”

Link to the FBG Facebook
Thanks to Local Nurseries, FBGF Members, MGs Can Save $$ When Beautifying Yards

One of the benefits of Foundation membership and being a certified Master Gardener is getting a 10 percent discount at several local nurseries. Just present your FBGF membership or MG card. We will continue to contact nurseries in the area to secure additional participants. Support our friends at:

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<th>Country Club Nursery</th>
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<tr>
<td>3611 Tyrone Blvd, St. Petersburg</td>
<td>9850 Starkey Road, Largo,</td>
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<tr>
<td>727-345-6733</td>
<td>727-397-4438</td>
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<td>Mon-Fri 7:30 a.m.- 4:30 p.m., Sat 8 a.m. - 2 p.m.</td>
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<th>Earthscapes Garden Room</th>
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<td>730 Broadway, Dunedin</td>
<td>816 Alt. 19 N, Palm Harbor</td>
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<td>727-734-4900</td>
<td>727-786-4859</td>
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<td>Closed Tue; M, W, TH 10 a.m.- 6 p.m., Fri 10 a.m.-8 p.m., Sat 10 a.m.- 6 p.m., Sun noon- 6 p.m.</td>
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<tr>
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<td>6831 Central Ave., St. Petersburg</td>
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<tr>
<td>727-742-8499</td>
<td>727-344-1668</td>
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<td>Seven days a week, 10 a.m.- 5 p.m.</td>
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<tr>
<td>6095 Haines Road North, St. Petersburg</td>
<td>450 Riviere Road, Palm Harbor</td>
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<td>727-525-9640</td>
<td>727-784-2992</td>
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<td>2131 Central Ave., St. Petersburg</td>
<td>12501 Indian Rocks Road, Largo</td>
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<tr>
<td>727-822-5400</td>
<td>727-595-2073</td>
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<td>727-522-2594</td>
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<td>Mon – Fri 8 a.m.– 5 p.m., Sun 10 a.m.-4 p.m.</td>
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Volunteer Opportunities

- The Boys and Girls Club of Tarpon Springs has won a grant from the Green Education Foundation to build a garden. We have been invited to participate in the one-day build. The build is scheduled to happen on Sept. 17th from 8am until noon. There will be breakfast and lunch provided for volunteers. I can accept up to 4 Master Gardener volunteers to be involved. Previous school or community garden experience is a plus, so please let me know if you want to be a part of this. Those with more experience will get preference for the team, but other than that I will go by first come, first serve. Here is an excerpt from their invitation to us: see the Badurek weekly for more details.

- Westminster Palms in St. Petersburg has requested a 30-45 minute presentation for a small group on the first Friday of the month, July or later. They meet at 6:30 pm. The speaker is invited to join them for dinner.

- Bob Smith, Master Gardener Trainee, is working on a fabulous project of creating and giving tours of the garden. He would like to know if there is anyone out there who has the talent to help him design a flyer/brochure to go with this. If you have a graphic design skills, or just a knack at doing these things, please let Bob know. You can email him at indybun@tampabay.rr.com. Be sure to include Master Gardener Project in the subject line so he doesn't miss it in his inbox please. You can count this as Master Gardener time as part of his project. Thank you! Also, if you are interested in giving tours as well let Bob know because he would like to expand as the program develops. This is an important project we need here in the gardens, so any help you can provide would be greatly appreciated.

Educational Opportunities

- Extension Classes

Visit Extension’s on-line calendar for a list of classes that are being offered free to MGs, volunteers and FBGF members. (Must show membership card.) All others pay a nominal fee. You can register on-line.

- Volunteer Hours for Master Gardeners Only

We are now able to collect all of your hours in the MG VMS online. Now you can track all of your Pinellas County volunteer time in one place! For any non-Master Gardener work, simply choose the following project category: X_NON-MG Pinellas County Volunteer Hours

Some examples of volunteer time that go in this new category include working at the FBG gift shop or on the Wedding Garden mosaic project.

This means that Master Gardeners can report all of their time in the new system and will no longer be logging into the County VSP. The system is web-based, secure and user-friendly. You can even jump on from your web-enabled cell-phone if you like. Go to https://florida.volunteersystem.org and click on the New User tab.

For those who are unable to input hours, we will still provide a log book. Volunteers, other than MGs, will continue to use the County VSP system and log book next to the help desk.

Please adhere to the policy described at left.

Record Your Volunteer Hours
Please Remember to Sign Out!

County VSP system and procedures apply only to non-MG volunteers.

The computer program for logging volunteer hours is next to the help desk. Make this your first stop and last stop. You must sign in and sign out when you are at Extension. When the computer is not functioning you can still log your time in the book. Those who volunteer at other facilities should email hours after each visit. When not at Extension, please email your hours to cseaffidi@co.pinellas.fl.us Direct questions to volunteer coordinator Chuck Scaffidi or assistant Emma Eshbaugh.

The County VSP system and procedures applies only to non-MG volunteers.
Important Announcements

- **Garden Yard Tour**- See you in the fall.
- **MG Update** – No July Update. See you Aug. 8 when Dr. Doug Restom Gaskill of the USDA will talk about laurel wilt and how we can help educate the public. The August update is a potluck.
- **Exciting Changes** - coming to our demonstration gardens, including rejuvenating the gardens on the north side of the Extension building. Once the areas are designed, we will be looking for help. If you are interested, contact Theresa Badurek or Terry Berube.
- **The International Master Gardener Conference**—will be in West Virginia in October. For details, go to [http://imgc.ext.wvu.edu/](http://imgc.ext.wvu.edu/)

- **Heritage Village Collecting Items for Fall Flea Market/Book Sale**
  The Pinellas County Historical Society is collecting items for their 2011 Heritage Village Flea Market/Book Sale. The sale, held during the annual Country Jubilee on Saturday, October 22, 2011 is a fund raiser for Heritage Village. **Clothing, shoes, TVs or computer donations cannot be accepted**, but almost all other items are welcome. Items to be sold include books, tools, dishes, silverware, sports equipment, craft items, toys, games, linens, jewelry, accessories, antiques, collectables, furniture, decorative items, seasonal decorations, house wares and much more!
  Donations may be brought to the Heritage Village office any time that the Village is open to the public (Wednesday through Saturday between 10 AM - 4 PM. and Sundays from 1-4 PM) between now and the sale. Arrangements may be made ahead of time for special or large drop-offs of items by calling the Pinellas County Historical Society Answering Line (727-582-2233) to leave a phone number so that an appointment can be arranged. Thanks to all for your support of Heritage Village!!! Visit: [http://www.pinellascounty.org/heritage/](http://www.pinellascounty.org/heritage/)

Education

- **Earn Continuing Education Credits** MGs can earn up to four continuing education credits by completing Plant ID Modules at [http://gardensolutions.ifas.ufl.edu/mastergardener/outreach/plant_id/index.shtml](http://gardensolutions.ifas.ufl.edu/mastergardener/outreach/plant_id/index.shtml). For instance, one CEU can be earned by studying the plants and earning a passing score of 80% on the “Test Yourself” feature. Once a score of 80% has been reached, print the page and submit it to the Volunteer Office.
- **Palm Harbor Library MG Class Series**
  Classes are offered on the second Thursday of the month from 2-3:30 p.m. and from 6:15-7:45 p.m. at the Palm Harbor Library, 2330 Nebraska Avenue. To register, go to [http://pinellas.ifas.ufl.edu/](http://pinellas.ifas.ufl.edu/) Click on the **Take Action “Register for a program tab”** and then Click “Extension Service” You may also call (727) 582-2100.
- **St Petersburg Community Library MG Class Series**
  Classes offered free at the main branch of the St. Pete Library located at 3745 Ninth Avenue N. (This is a change of venue.) To register, go to [http://pinellas.ifas.ufl.edu/](http://pinellas.ifas.ufl.edu/). Click on the **Take Action “Register for a program tab”** and then click “Extension Service” You may also call (727) 582-2100.
- **“Planting Pinellas” blog** Check it out at [http://plantingpinellas.blogspot.com/](http://plantingpinellas.blogspot.com/)

Contact Theresa Badurek at 727-582-2109 or [tbadurek@pinellascounty.org](mailto:tbadurek@pinellascounty.org) to follow up on any of the items.
The Inside-Outside Edition

Inside: The Lawn & Garden Help Desk diagnostic area is being updated! We are working on a new layout, including a new lab cart for microscopes and more tools and organization for the work space. New reference books are also being added to the library to help us help our clients better. These changes have already begun and will continue through the summer as time and budget allow- but be prepared to love it! In the meantime, please excuse our dust while things are being improved.

Outside: In other exciting news, there is a bog garden being created just outside the existing butterfly garden. The bog will be in a raised bed and feature native bog plants. We think it will be a great addition to the demonstration gardens here— and just plain fun. The north side of the Extension building will also be seeing improvements to the landscape. (Please talk to Bob Albanese or Terry Berube if you are interested in helping with these projects.) These amazing endeavors are thanks to our wonderful volunteers. We could not pull this off without you and everyone on the Extension staff want to thank you!

Also, please remember that there is no Master Gardener Update meeting in July. We will resume programming in August. Please see calendar in this issue for details.

Thank you so much for all that you do!

Contact me at 727-582-2109 or tbadurek@pinellascounty.org

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2011 July Thank You, Volunteers!

- No MG Update meeting in July. See you in August.

Pinellas County recently did a wonderful feature video on Master Gardener Sam Skemp. Visit video on You Tube: [http://www.youtube.com/pctv1#p/u/0/uaqWjq3aymo](http://www.youtube.com/pctv1#p/u/0/uaqWjq3aymo) to learn about our 26 year MG volunteer veteran.

**MG Plant Clinic at the Palm Harbor Library** –Wednesdays from 10 a.m. to 2 p.m.
Master Gardeners offer diagnostic services along with information about identifying plants, treatment for insects and ideas for Florida-Friendly landscaping.

For details on some of the events listed go to the calendar on the Pinellas County Extension Lawn & Garden website. [http://www.pinellascounty.org/scripts/publish/webevent.pl?](http://www.pinellascounty.org/scripts/publish/webevent.pl?)