

#### OSU Extension Service Metro Master Gardener™ Program

Serving <u>Clackamas</u>, <u>Multnomah</u>, and <u>Washington</u> Counties in the metro area since 1976.

#### **Mission Statement**

We provide relevant, research-based education and outreach to the public of Clackamas, Multnomah, and Washington Counties about horticulture and household pests. This information promotes sustainable practices that minimize risks to human health and the environment.

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### Metro Master Gardener™ News June 2010



SPRING GARDEN FAIR

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#### Master Gardener Program Update from Weston

Greetings MGs,

Has the chilly and wet weather of late May caught you off-guard in your garden? Remember that weather is variable from year to year and, in terms of the plant world, will produce a variety of plant problems. Here are a couple of my weather-related observations from this spring:

- Major damage to cold-sensitive plants from the arctic blast in December, 2009 continue to emerge as the spring progresses. Damaged or killed plants provide an opportunity to replant! What new plants do you want to grow?
- Hail during April and May has caused minor cosmetic damage on kale and other greens.
   If the leaves on your plants are riddled with holes, you might cut them off to reduce the possibility of secondary infection. Good hygiene is key!
- Cold nights during late April and May have caused frost damage to a wide variety of plants. I've particularly seen such damage on cherries. Remember, when diagnosing plant problems, keep the recent weather in mind.
- Cold and wet weather in mid-late May has allowed apple scab to develop very quickly on apple and pear trees, despite all of my clean-up efforts last fall and winter. The scab has not showed up on my newly planted scab-resistant 'Liberty' though. Yeah genetics.
- I'm glad that I have not yet planted many summer annual vegetables or flowers. Hopefully, it will warm up soon and we can resume planting.
- What have you noticed? See OSU Plant Clinic highlights for June.

As part of an educational organization, we also come across many ways for you to learn more about gardening and pest identification. Here are some learning opportunities for you (in chronological order):

- Metro Natural Gardening (on-going). OSU Extension Service is now working with Metro to deliver free gardening workshops throughout the metro area. These workshops are generally on Saturday and Sunday at a garden center near you. See <a href="Metro Natural Gardening Calendar">Metro Natural Gardening Calendar</a>.
- Landscaping with Edible Plants on June 16, at the North Willamette Research and Extension Center in Aurora featuring numerous OSU faculty and local nursery experts:
  - Al Shay, Instructor, OSU Department of Horticulture. A short history of landscape design.
  - Bernadine Strik, Extension Berry Crops Professor, Oregon State University. Berries and grapes in the home landscape opportunities and challenges.
  - Steve Taylor, Sales Manager, Blooming Nursery, Herbs for flavor, fragrance and fabulous foliage.
  - Jim Gilbert, Owner, One Green World/Northwoods Nursery. New and unique fruits for Northwest gardeners.
  - Anita Azarenko, OSU Department of Horticulture. Fruit trees for the home landscape
  - Jude Hobbs, Cascadia Permaculture Institute. Edible Landscape Design: Growing food through functional aesthetics. See registration information.
- The 27<sup>th</sup> Annual Master Gardener Mini-College Wednesday, July 28, 2010 Saturday, July 31, 2010 in Corvallis, Oregon. Mini-College is an educational vacation in Corvallis with 100's of Master Gardeners and others from across the state. See Mini-College schedule of presentations and registration.
- Rain Garden Volunteer Training. September 11, 2010 in Portland, OR. In conjunction with EMSWCD, Portland BES, City of Gresham. Includes 8 hours of classroom instruction and 4 hours of hands-on rain garden installation experience. Commit ten hours of MG volunteering to rain garden education.
- WSU Master Gardener Advanced Education Conference. Thursday, September 23 through Saturday, September 25, 2010 in Vancouver, Washington. See <u>registration information</u>.

#### Happy Gardening, Weston



#### OPPORTUNITIES FROM JORDIS

503-650-3118 or Jordis. Yost@oregonstate.edu

#### **VOLUNTEER HOURS**

I have received some great questions from MGs as they navigate this volunteer maze. I thought it might be time for a refresher on some of the most commonly asked questions.



#### How do I know which events count for education and which for support?



If you are very clearly acting as an educator in the clinics, phones, or other activities where you answer direct gardening questions from the public and you have OSU research based material to back you up, you can count the activity in the education column. The OSU research material is an important element because a conversation with your neighbor over the fence is a nice gesture, but is not considered volunteer hours.

There are a few exceptions, for example: specific training sessions that are required before you can be an educator...Pittock Mansion, Rose Garden, Zoo, and phone orientations. The trainings count as educational because

we are requiring them before you act as an educator.

<u>Support hours</u> need to directly support the educational mission under which we operate. These tend to be casual and more in the "comfort zone", so don't spend too much of your required time here if you need to get in those educational outreach hours. We value these support activities, just remember …balance.

## <u>I'm having trouble getting scheduled in activities and time is running out.</u>

Now is the time of year for most activities to begin in earnest. There are over 600 of you trying to get spots in events that may only need a dozen MGs. We have some on-going clinics that always seem to need help...the Rose Garden, for example. (Ellen Hanley 503-266-4486)

Contact the coordinators and if you are not able to get on the schedule, get on a sub list. If educational shifts are difficult to schedule, work at support activities until a spot opens. Watch for emails from me for some great events that weren't on our radar earlier in the season. Every MG is valued for his or her training...we just need to get you plugged into the right spot!



<u>Do I need to certify every year?</u> Yes, MGs are required to take 12 hours of recertification training or take a recertification test each year that they plan to volunteer. This requirement begins the third year of participation for new trainees. Example...if you trained in 2009, you will need to start taking recertification hours in 2011and then each year after that.

<u>How do I track my payback hours</u>? Use the form that we provided in class, or by mail. If you need another one, I can either mail one or provide one via email (in Excel). We will also include one in the newsletter later this summer.

#### **SUMMER OPPORTUNITIES**

**Demonstration Gardens** – Master Gardeners love working in gardens and we have several demonstration sites that are great places to show off our skills and proper gardening techniques.



Clackamas Co – Hopkins Demonstration Forest, Carol Koshkarian 503-632-5001 and 'Grow-An-Extra-Row' Project at Clackamas Community College – Pam Garten 503-504-9440.



Multnomah County MGs have a beautiful and productive site in Southeast Portland. Call Sharon Baker at 503-284-5189 or Jean Edmison 503-771-2486.

Washington County MGs have a wonderful and well established site at the Washington County Fairplex. Call Joanne DeHaan at 649-1683



Crystal Springs Rhododendron Garden-There is no more beautiful place than CSRG (28<sup>th</sup> and SE Woodstock) in the summer. To work in the gardens on Wednesdays and Saturdays, call **Linda O'Toole 503-659-5309**. It's a great place to be. If you are not up to working in the gardens, you can also work in the beautiful new little gatehouse welcoming visitors in the comfort of a chair and some shade. Perfect for limited mobility MGs. Call Rose Kress 503-654-4318

**Oregon Zoo-**I'm not sure that everyone is aware that we have an active partnership with the Oregon Zoo. Master Gardeners have opportunities on the week-ends (Saturdays and Sundays, noon to 4 pm). Contact coordinator **Rob Kappa 503-653-9575** 

Oregon Trail Interpretive Center – Jean Erickson has pulled together a great team of MGs and they are doing some really interesting things at this learning site. Call Jean to see how you can join the fun!

Jean Erickson 503-636-3967 or bjeanerickson@msn.com

**1860's Kitchen Garden** – Champoeg State Heritage Area This is a lovely hands-on garden that also provides a lot of 'education' for the many visitors that arrive at this Oregon State Park. Master Gardener Marie Van Patten is also a seasonal ranger and oversees some incredible volunteer work days. **Contact Marie at 503-678-1251 x223** 

**Farmers' Markets** – We are currently at Beaverton, Cedar Mill, Gresham, Hillsboro, Hillsdale, King, Lake Oswego, Lents, Milwaukie, Oregon City, Sherwood and Tigard. Check out our coordinator list in the 2010 April edition of the MG Newsletter.

**Special Request** - "MGs living in the East County area, there is a volunteer opportunity to accrue support hours nearby – a 10,000 square foot rain garden at a middle school in Troutdale. Duties are primarily weeding and mulch spreading, but you can also become a new plant consultant. You can work alone, at your convenience, or join the teacher and the resident MG on Mondays through the summer. This garden was planted 2 years ago and serves as an outdoor classroom for the supervising teacher's sixth-grade class during the school year. For more information please Contact Jane at jane@yesolutions.net or call 503-253-8625."

Berry picking – There is a fantastic OSU research farm south on I-5 by Charbonneau. North Willamette Research and Extension Center (NWREC) periodically opens its gates to MGs that want to help with production studies and removal of fruit from the site so that the spotted wing drosophila doesn't take over. You pick great fruit, pay a fraction of the market price, take home lots of good berries AND help this valuable research site control dropped fruit. Sound interesting? Contact Bob Blaedel at machinewayback@hotmail.com

# Update: Spotted wing Drosophila (SWD) Jean R. Natter

The first thriving US populations of the pesky spotted wing drosophila (SWD; *Drosophila suzukii*), a native of southeast Asia, were detected in the US in California (August 2008) and soon after in Florida, Oregon, and Washington. During 2009, surveys by the Oregon Department of Agriculture (ODA), done mainly along the I-5 corridor, detected active SWD from Portland south into Douglas County.

The potential for damage by SWD is immense because of their multiple generations each year and the extensive host range. In Oregon, the flies have been reared from apples, Asian pears, blackberries, blueberries, boysenberries, cherries, cold hardy kiwi, figs, grapes (table and wine), Italian prunes, nectarines, peaches, persimmon, plumcots, plums, raspberries, Satsyma [sic] plums, strawberries and tomatoes.

**Worse yet**, researchers say that potential hosts should be considered "fruit" in the widest sense, to include fruits of ornamental plants and feral blackberries.

Management recommendations for home gardeners are seemingly modified with every update. Currently, authorities consider mass trapping as a worthwhile strategy for home gardeners to manage the flies. They suggest you use as many traps as you want.

#### To make traps:

Use a 32-ounce plastic container with a lid, perhaps a deli container or large beverage cup

Drill four 3/16-inch holes midway up one side (See Figure 1)

Add 1.5 inches of apple cider vinegar, available at the grocery store

Loosely arch a 3" x 5" yellow sticky card inside the cup, then cover with lid

Replace sticky card and vinegar once a week.; dispose of the vinegar via a drain, <u>not</u> in the garden



Figure 1: Make your own trap to capture SWD

#### **Trap placement:** At fruiting height.

Strawberries: On the ground but elevated on a brick Blueberries and caneberries: Within the fruiting canopy, suspended from the support wires.

Fruit trees: Within the fruiting zone, somewhat low in the canopy

#### Summary of management for home gardeners

Mass trapping

Mechanically protect fruits: Use netting (0.98 mm) or floating row to enclose entire plants, fruiting branches, or individual fruits; secure it well

Harvest in a timely manner

Sanitation is critical to eliminate breeding sites. Clean up fallen fruits, discard or bury deeply

#### A word of caution:

Until recently, the key identification characteristic has been said to be a dark spot on each wing of the male fruit flies. (See Figure 2)

But no more.



## Figure 2: SWD (photo G. Arakelian, Los Angeles County Agricultural Commissioner)

Another, as yet unidentified, Drosophila species of approximately the same size has entered the scene. It also has just one dark spot on each wing but isn't known to damage fruits. Fortunately, several features help differentiate these two flies.

SWD, as you likely recall, is a small but rather robust, golden-brown fly with especially large red eyes. The imposter fly, although the same size, is dark colored and more slender than SWD.

But the most telling character is the location, shape and color of the dark spot. To understand that, know that both flies have three long veins that extend to the wing tip. You can see that in Fig 1, also in the several preserved SWD flies posted on the bulletin board in each Metro MG office.

On SWD, the single spot near each wing tip is large, the color a smudgy black that you can see through. That smudgy spot is at the end of the topmost of the three long veins.

With the imposter fly, though, the single spot near each wing tip is small, well-circumscribed, and opaque black. Here, the black spot is at the end of the center of the three veins.

In order to keep up with new developments about SWD, visit the website of the official SWD Work Group at <a href="http://swd.hort.oregonstate.edu">http://swd.hort.oregonstate.edu</a>.

# Natter's Notes Narcissus Bulb Fly(Merodon equestris) Jean R. Natter

You've heard the story before. Someone's daffodils had always bloomed but, this year, had few or no flowers. In such cases the typical conclusion is that the bulbs are crowded and should be dug and divided to renew the planting.

But that's not always so.

Sometimes the timeline is quite brief. The daffodils, known to perform reliably hereabouts, were planted just a year or two ago but, now, the flowers are few and the leaves are quite narrow, some say almost grassy.



Figure 1: Notice the sparse roots and narrow leaves. In the background are damaged bulbs opened vertically to reveal the destroyed, mud-like center (Image: J. Natter)

In this latter instance, marauding bulb flies damaged the daffs. The adult narcissus bulb fly (Merodon equestris), as described in the PNW Insect Management Handbook, "is about 0.5 inch long and closely resembles a small bumblebee. The larva is yellowish-white and 0.75 inch long. The maggots burrow into the bulbs near the basal plate and feed inside the bulbs, destroying bulb scales and flower parts."

"The female lays eggs near the bulbs during May or early June. The eggs hatch into grubs [sic] that move down into the soil and burrow into the base of the bulb to feed there, reducing the bulb's center to a rotten mass. In the process, the embryonic flowers that would have unfolded the following spring are destroyed. After feeding, larvae leave the bulb to pupate in the soil." Next spring, the adults will emerge, mate and lay eggs, thereby beginning a new cycle.



Figure 2: Adult narcissus bulb fly (Image: J. Dougan)

The narcissus bulb fly attacks more than *Narcissus* (daffodils). Other possible victims include Amaryllis, *Galtonia*, hyacinth, Iris, lily, *Leucojum*, *Scilla*, Tulipa, and *Vallota*.

Then, too, lesser bulb flies, can also invade narcissus bulbs in the same garden. Even though both the adults and larvae are smaller in size, the damage they cause has the same effect. The bulbs decline and die within several years.

Recommendations for dealing with narcissus bulb fly include the following, interpreted and commented on by one very frustrated Master Gardener:

- 1. Plant something nearby to disguise fading foliage. (I've used columbine; still have maggots.)
- 2. Plant 10-12" deep. (Didn't work.)
- 3. Cultivate around dead foliage to disturb eggs/hatching larva. (No way I'd remember that in May and June!)
- 4. Catch the suckers before they lay eggs. (Am working on that; caught an adult several days ago.)



Figure 3: The narcissus bulb fly larva enters through the basal plate. (Image: J. Natter)

Other recommendations from the *PNW Insect Management Handbook* include to plant in open areas exposed to wind because the flies are usually less of a problem there; prevent egg-laying by covering foliage with a row cover after bloom. Plant only firm, healthy bulbs and discard all others.

The narcissus bulb fly Pest Management Note at UC-IPM adds "Prevention is the most effective bulb fly control strategy. Purchase and plant only pest-free bulbs. Handle bulbs carefully to avoid injury" which predisposes them to attack. "And finally, dig and inspect any bulbs with declining growth and blooms. Destroy infested bulbs and plants promptly."

If you want to catch the flies, realize that they resemble bumblebees. But flies have very short antennae, just two wings, also different coloration and flying habits.

Recall our frustrated MG mentioned above? She thought she caught a bulb fly in April. "No, that turned out to be a bumblebee. Small eyes and a bee face, among other things. And I had not watched its behavior of flight, another indicator."

Then, about mid-May while she was weeding, she glanced over to see what looked at first like an orangetailed bumblebee nearby. "But wait! It's hovering! I watched a few seconds, then ran for my butterfly net. Flies don't sting, but I wasn't about to test that out. I scooped up the fly while it was seeming to feed on the last few *Doronicum* flowers (leopard's bane). They will feed on flowers; I think I read somewhere."

"This one had the right flight pattern," she said. "It had other fly behavior, wiping its eyes with the front legs. And the eyes were big 'fly eyes.' But the stocking shapes on the wing veins are really hard to pick out on a live, moving critter."

And so it goes in the garden. In some instances, the officially suggested remedies may be less than satisfying. Even so, determined gardeners will hang in there when it comes to plants they enjoy.

#### Resources

PNW Insect Management Handbook <a href="http://uspest.org/">http://uspest.org/</a>
<a href="pnw/insects?27HLAN10.dat">pnw/insects?27HLAN10.dat</a> (Scroll to the bottom of the page.)

The Narcissus Bulb Fly / Lesser Narcissus Bulb Fly <a href="http://whatcom.wsu.edu/ag/homehort/pest/bulbflies.htm">http://whatcom.wsu.edu/ag/homehort/pest/bulbflies.htm</a>

UC IPM offers brief info but has a nice illustration of the life cycle. <a href="http://www.ipm.ucdavis.edu/PMG/GARDEN/FLOWERS/INVERT/bulbfly.html">http://www.ipm.ucdavis.edu/PMG/GARDEN/FLOWERS/INVERT/bulbfly.html</a>

Narcissus Bulb Fly (Pacific Bulb Society) has nice images of pinned adults which clearly illustrate the fly's morphology, including the wing markings. Notice that the suggested products are for commercial use only. <a href="http://www.pacificbulbsociety.org/pbswiki/index.php/NarcissusBulbFly">http://www.pacificbulbsociety.org/pbswiki/index.php/NarcissusBulbFly</a>

#### Washington County Master Gardeners 2010 Open Gardens Saturday, July 10<sup>th</sup> 10AM – 4PM

You are invited to enjoy a "behind the scenes" look at what Washington County master gardeners are doing in their own gardens. This free event features nine private home gardens and a school garden, located throughout Washington County. There will be a focus on sustainable gardening practices for edibles and ornamentals, and an emphasis on home food growing. You'll see a large four-season vegetable garden; a garden designer's own garden that features many native plants; unusual shrubs and perennials; lawn-free gardens, rain barrels; mixed edible and ornamental plantings, and more. Master gardeners will be on hand to answer your questions. Our brochure, with garden descriptions and driving directions, can be found in June at area nurseries and on our website at http://www.wcmga.info/; click on the "events" link.

For more info call 503-821-1150

# You can grow a garden that's not only beautiful and abundant, but also safe for children, pets, forests and streams. Find out how easy it is at Metro's free gardening workshops.

Advance registration is required for some events, as noted, and encouraged for all others. Complimentary coupons and publications will be available for all participants at these events hosted by Metro, OSU Extension Service Community and Urban Horticulture and the site location.

Get started on your chemical-free garden by registering today.

#### Water-wise gardening

June 5, Saturday, 9 to 10:30 a.m.

Beaver Den room, Nature Park Interpretive Center, 15655 SW Millikan Way, Beaverton

June 20, Sunday, 1 to 2 p.m.

Buffalo Gardens, 728 NE Dekum St., Portland

June 26, Saturday, 10 to 11:30 a.m.

Tualatin Valley Water District, 1850 SW 170th Ave., Beaverton

June 26, Saturday, 10 to 11:30 a.m.

Clairmont Hall, room 117, Clackamas Community College, 19600 Molalla Ave., Oregon City

To register or learn more call 503-234-3000 or visit <a href="http://bit.ly/aN0eS1">http://bit.ly/aN0eS1</a>.

#### Blooms for birds, bees and butterflies

June 5, Saturday, 10 to 11 a.m.

Drake's 7 Dees - Eastside, 16519 SE Stark St., Portland

June 12, Saturday, 10 to 11:30 a.m.

Blue Lake Regional Park, 21154 NE Blue Lake Road, Fairview

To register or learn more call 503-234-3000 or visit http://bit.ly/9sejyi.

#### Terrific turf without toxics

June 12, Saturday, 10 to 11:30 a.m.

Washington County Fair Complex Demonstration Garden, 872 NE 28th Ave., Hillsboro *To register or learn more call 503-234-3000 or visit http://bit.ly/aMfAbV*.

#### Organic soils and compost

June 13, Sunday, 1 to 2 p.m.

Farmington Gardens, 21815 SW Farmington Road, Beaverton

June 27, Sunday, 1 to 2:30 p.m.

Gresham home garden; address provided with registration.

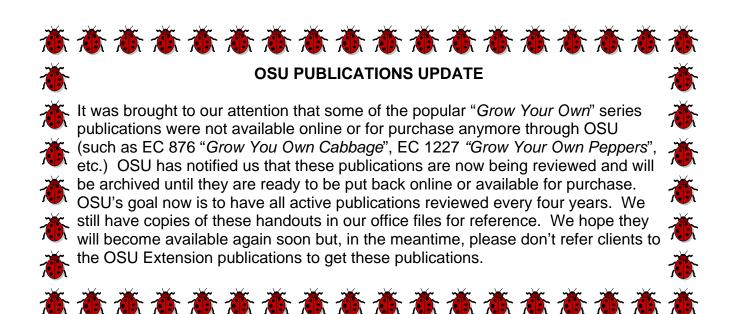
Advance registration required: Call 503-649-4568. To learn more visit <a href="http://bit.lv/aEZmSw">http://bit.lv/aEZmSw</a>.

#### Pesticide-free pest control

June 19, Saturday, 10 to 11:30 a.m.

Metro's natural techniques garden, 6800 SE 57th Ave., Portland

To register or learn more call 503-234-3000 or visit <a href="http://bit.ly/dbLqtu">http://bit.ly/dbLqtu</a>.



#### **QUIZ CORNER**



**QUESTION:** 1. What arthropod life stage is this?

(Hint: Item was found in the soil; it's about 5/8 inch long.)

2. Bonus question: What will it become?

Image submitted by Beven Peters (Multnomah; 2000)

#### SUBMISSION DATES

Responses accepted only from noon June 5 through June 15.

Respond to Jean R. Natter (<u>irnatter@aol.com</u> with "Quiz" in the subject line; <u>or</u> call 503-645-7073.) Please include your name, county & year of training.

**THE PRIZE?** The first five correct responders will be listed in the next newsletter!

**ANSWER FOR MAY'S IMAGE:** The "trimmed" base of the shrub is due to deer browse.

#### THE WINNERS FOR MAY QUIZ!

Ardis Schroeder (Washington; 2010 Online trainee)

Kathy Lee (Clackamas; 2008) Bill Bradley (Clackamas; 2002)

(Fourth & fifth places were reserved for two more MGs; they never showed!)

#### Would you like to submit an image for a quiz?

If so, send the full size, sharply-focused image (and the answer) to <u>irnatter@aol.com</u>.

#### SAVE THE DATE

#### **MG Computer Classes – Hands On**

Three dates: two sessions each day Enrollment for each 3-hour session is limited to 20 MGs. Registration info on page 11

As has been the practice during the computer classes the past two years, the general format will be that the instructors begin with a brief demo, then they will guide you through the step-by-step process to successfully explore the Internet while you search for locally appropriate, research-based information useful to our clients. Then, to reinforce what you've just learned, you'll complete several exercises as you practice your new skills.

Bill Klug (2007; Washington) has again served as our "master scheduler" in that he has located four sites where every MG in each session will have a computer.

Our instructors Jan Breckon (2008; Washington) and Janette Barbour (2008; Washington), both experienced computer instructors in their "real" lives, designed the basic outline of all the classes, then helped refine the step-by-step handouts which enable the class participants to navigate the various sites on their own, at the office or at home. They'll repeat their technique of team teaching which has been so well received to date.

We'll also have several extra MGs on hand who are well-equipped to immediately offer one-on-one assistance when you need it.

Choose from four different dates, each with two different 3-hour sessions:

- Saturday, June, 19<sup>th</sup> at PCC Rock Creek Saturday, October 2<sup>nd</sup> at PCC on 82<sup>nd</sup> & Division Street, Portland
- Wednesday, October 27<sup>th</sup> at Clackamas Community College

Here's the content of the various sessions. Please see the registration information for the exact schedule:

- Intermediate: You'll learn which links on the OSU Garden Encyclopedia are the most useful to MGs; and you'll see a brief demonstration of our recently developed online MG Referral Forum which extends our ability to solve challenging client inquiries.
- The Next Step: You'll visit still more websites; learn additional search tricks; and see a brief demonstration of the online MG Referral Forum
- MG Referral Forum, and the MG Ning Forum: You'll explore both online forums in depth, and discover how to obtain the most value from them. You'll find out how to upload Referrals from the office, along with any pertinent images, to the MG Referral Forum. Then we'll explore Weston's Metro MG social forum (http://osumastergardeners.ning.com). (If you haven't already signed up for this Forum, contact Weston at weston.miller@oregonstate.edu so that he can send you an invitation.) As you likely recall, the various class presentations for Annual Training are posted at the Ning site; they're a great way to review what you saw during class!

No fee, but we suggest you consider a donation to cover the cost of the step-by-step handouts you'll receive. We'll have a helpful ladybug at the door to cheerfully accept whatever you offer!

#### **Internet Essentials for Master Gardeners**

Learn how to locate, and use, research-based information on key websites commonly used in the MG offices.

Date	Site	9 to noon	1 to 4 PM
June 19	PCC, Rock Creek**	The Next Step	MG Referral Forum & MG Ning Forum
October 2	PCC, SE Center ***	Intermediate	The Next Step
October 27	Clackamas Commu- nity College*	Intermediate	The Next Step

<sup>\*\*\*</sup> PCC, SE Center: 2305 SE 82nd and Division, Portland, OR 97216
\*\*PCC, Rock Creek: 17705 NW Springville Rd. Portland, OR 97229
\* Clackamas Community College: 19600 Molalla Avenue, Oregon City 97045

#### Everyone has a computer!

- Intermediate: OSU Garden Encyclopedia links; demo of MG Diagnostic Forum
- The Next Step: More websites & search techniques; demo of MG Diagnostic Forum
- MG Referral Forum & the MG Ning Forum: Post Referrals, images & replies

#### All sessions are still open!

**Pre-register** with Jean Natter; <u>irnatter@aol.com</u> or 503-645-7073 Please provide the following:

- 1. Your name, plus phone number <u>or</u> email address
- 2. Date and time of session(s) you will attend

You'll receive a confirmation, also a reminder about a week prior to the requested session(s)



#### \$2 requested for handouts. Larger donations welcomed

(Computer training sponsored by the Metro Master Gardener Program)

#### HORTICULTURAL CALENDAR IN THE METRO AREA

Jun 3	Washington County Chapter—Audubon Society and Backyard Birds		
Jun 5	Starlight Parade		
Jun 8	Multnomah County Chapter, 7pm, Speaker: Ramesh Sagli, OSU, Department of		
	Horticulture, 'Honey Bees: Their Importance and Current Plight'		
Jun 19	Multnomah Chapter Summer Saturdays at MG Demo Garden		
Jul 10	Washington County Chapter Open Gardens Day—see chapter page for details		
Jul 13	Hardy Plant Society—Hardy Arisaemas and Other Aroids with Norm Kalbfleisch of Woodland Way,		
	Portland. Info at www.hardyplantsociety.org		
Jul 12	Clackamas County Chapter tour of Zenger Farm		
Jul 14	Clackamas County Chapter—Garden Circulation, A Maze or Amazing? Vanessa Nagel, Timber Press		
Jul 17	Multnomah Chapter Summer Saturdays at MG Demo Garden		
Jul 28-31	Gardener's Mini-College, Corvallis http://extension.oregonstate.edu/mg/mini-college		
Aug 9	Clackamas Chapter picnic		
Aug 10	Hardy Plant Society—A Fanfare of Trumpets: Non-Stop Performers for the Summer Garden w/Maurice		
	Horn of Joy Creek Nursery, Scappoose. Info at www.hardyplantsociety.org		
Aug 21	Multnomah Chapter Summer Saturdays at MG Demo Garden		
Sept 2	Washington County Chapter—NW Cactus and Succulents—James Elfburg		
Sept 14	Multnomah County Chapter—Uncovering Compost Mysteries—Carl Grimm, Metro		
Sept 25	Multnomah Chapter Summer Saturdays at MG Demo Garden and Harvest Plant Sale		

#### MAXIMUM FUN FACTOR!!!

MG Payback Hours Opportunity

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For only one night each year the award winning OSU Master Gardener Marching Unit and Elite Not Quite Precise Drill Team (we carry shrub rakes) emerge from hibernation to strut their stuff through the streets of downtown Portland during the annual Starlight Parade. Entrants come costumed as a favorite insect, plant or in your finest gardening togs. It's worth 6 hours of hilarious payback time, practice is on-site and carpooling is arranged. Hours are about 6 to 10 pm on Saturday June 5th, 2010. So if you'd like to knock off some hours or just want to have a blast with a bunch of pansies and pests be sure to sign up early! For questions or to sign up please contact Kele Kaai at Kelekaai@yahoo.com or 503.638.0238.

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#### MULTNOMAH CHAPTER GRAPEVINE



Oregon Master Gardener™ Association in cooperation with OSU Extension Service Master Gardenerä Program

8 June 2010 Chapter Meeting

Mt. Tabor Presbyterian Church 5441 SE Belmont 6:45 Tam Martin (OMGA President will speak & answer questions about OMGA)

6:55 Claudia Groth will discuss the Mini-college kickoff

7:00 Honey Bees: Their Importance and Current Plight Ramesh Sagili, OSU, Department of Horticulture

Honey bees pollinate more than 90 different crops in the United States, and honey bee pollination is estimated to be worth more than \$20 billion. Recent honey bee colony losses attributed to colony collapse disorder and a steady decline in colonies for the past two decades have caused serious concern and alarm. This presentation will focus on the importance of honey bees as pollinators and current problems with honey bee health. Also, some suggestions on how to help honey bees and bees in general will be provided.

Ramesh Sagili is an Assistant Professor in the Department of Horticulture at Oregon State University, His primary research focus at OSU is honey bee health, nutrition and pollination. His appointment also includes extension, and, hence, he works closely with the state stake holders i.e. both beekeepers and producers. His goal is to establish a vibrant and dynamic honey bee research and extension program at OSU that will cater to the needs of beekeepers and producers in the state.

8:00 please stay for the Business Meeting - Le Ann Locher was ill in May and will be speaking about publicity. Also there is an informational fair.

Get the dirt on basic and worm composting. Gather great tips on bin selection and set-up, maintenance, troubleshooting, harvesting and use. Learn how to prevent rodents, how to speed composting, and low-maintenance composting alternatives.

\*\*\* Seeking Laptop Computer Donation The Multnomah County Chapter is seeking the donation of a useable working laptop computer. If you have upgraded your laptop computer and your previous model is no longer being used please consider, a tax deductible, donation of your still useable, functioning laptop to the Multnomah County Chapter. This donation will be used in conjunction with our current laptop, as the need has arisen for an additional portable computer with the increase in chapter activities and business. Please

conact:GloriaBennett5037754005dcleopatra@comcast.net \*\*\*After last years rave reviews we are reprising the **Share** Your Garden Tour. Please consider opening your garden for fellow chapter members to tour. This is a lot of fun and a chance to share and celebrate our passion for gardening and learning! To open your garden or if you have any questions contact Gloria Bennett (503)7754005 dcleopatra@comcast.net.

\*\*\* Our Demo Garden continues to grow - at our May SUM-MER SATURDAY, community neighbors tasted ripe lettuces, kids made take home seed starting terrariums and scarecrow construction continues. Our June SUMMER SATURDAY needs at least five MGs on Saturday June 19th for 2 hours; a great way to enjoy our Demo Garden and receive payback time. Please confirm attendance via email to Marcia Grubb or Jean Edmison.

\*\*\*Phones in Multnomah County! -The office is in Montgomery Park @ NW 27<sup>th</sup> and Vaughn. Gloria Bennett (503) 775-4005 dcleopatra@comcast.net is managing the calendar. The phone hours are 10am-2pm Monday to Friday, 2 or 4 hour shifts.

\*\*\*Next Board Meeting - Tuesday 1 June 2010 - 6:30 pm at Jean Edmison's - 7606 S.E. Ellis

\*\*\*Thank you to officers and committee members for the time and effort you have given for chapter business! Thank you to members for great work at clinics and at our other activities! Thank you for those who attend both the speaker and the business portion of meetings as often as you can! Thank you to the trainees for your enthusiasm and effort as you earn hours for your badges! President Sharon

\*\*\* Coming up...after a lazy hazy summer...

September 14, Chapter Meeting, 7pm **Uncovering Compost Mysteries** 

Speaker: Carl Grimm, Metro, natural gardening & toxics

reduction specialist

#### 2010 Officers

President - Sharon Baker - 503-284-5189 gazebo@teleport.com Co Vice-Presidents -

Gloria Bennett -503-775-4005 dcleopatra@comcast.net Heidi Nichols heidinichols@comcast.net

Secretary -JoAnn Bones -503-253-3168 bones7247@comcast.net

Treasurer Robin Case 503-762-3964 bhcase101@msn.com

OMGA Marilyn Kongslie 503-289-8889 mkongslie@gmail.com

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Historians - Velda Altig 503-252-7423 vkaltig@earthlink.net

Photos - Marilyn Kongslie 503-289-8889 mkongslie@gmail.com

Grapevine: Lorna Schilling – 503-334-5162 lornaschilling@yahoo.com



## Washington County Chapter Chat

Oregon Master Gardener Association in cooperation with OSU Extension Service Master Gardener TM Program

Chapter Website: www.wcmga.info

#### **UPCOMING PROGRAMS -**

**June 3, 2010** "Audubon Society and Backyard Birds" Audubon Society of Portland

**September 2, 2010** "NW Cactus and Succulents" James Elfburg

Monthly Chapter Meeting is at 6:45 p.m. Presentations are from 7:15 - 8:15 p.m.

CAPITAL Center, 18640 NW Walker Rd (185<sup>th</sup> & Walker Rd) Entrance D-1, Room 1411. The public is welcome.

SOCIAL GATHERING at 6:30 p.m. – come early!

#### **WCMGA OPEN GARDENS DAY 2010**

"Sustainable Practices for Edibles & Ornamentals" Saturday, July 10<sup>th</sup>, 10 a.m. to 4 p.m.

**Docents still needed** for this <u>free</u> educational outreach event when master gardeners open their private gardens to the public. This year there will be special emphasis on home food growing, IPM, incorporating native plants into the landscape, water-wise gardening, designing for year-around interest and more. Gardens will feature "focus areas" and talks and/or guided tours throughout the day. To volunteer for this popular and fun event (over 700 guests attended last year) or for more information, contact **Verleen Fletcher** at <u>vermac1@comcast.net</u> or 503-643-9543.

## \* \* \* \* \* \* JUNE FIELD TRIP

Sign up now for the few remaining spaces for a private guided tour of the Reed College Canyon Restoration Project. The 1½ hour tour is Friday June 25th at 1 p.m. and will cost \$5 per person. Transportation is not provided to site. For questions and sign up contact **Barbara Knopp** at barbknopp@comcast.net

#### **MEMBER SURVEY**

There were 113 responses out of 170 members for the WCMGA survey. Results will be available soon!

#### **OMGA MINI COLLEGE 2010**

You are invited to attend this 27<sup>th</sup> annual event with MGs from throughout the state at the OSU campus in Corvallis on July 28th through July 31st. This year's theme focuses on "Beyond Backyard Basics: The Science of Sustainability." For more information go to our website or <a href="http://extension.oregonstate.edu/mg/mini-college">http://extension.oregonstate.edu/mg/mini-college</a>

#### MINI COLLEGE DESIGN TEAM

Volunteers are needed to use their imagination, personal vision, and originality skills to help create a Mini College display. Each year at Mini College our chapter sets up a WCMGA display table to showcase our accomplishments throughout the year. We compete with chapters from around the state of Oregon. Last year, we took first place and the gardener's choice award. We are proud of our WCMGA Chapter and want to represent our unique qualities for all to see. To help create a fun and ingenious design or more information contact: Lynn Wagner

Mlwags00@gmail.com

#### **AWARDS AND RECOGNITION**

Jane Miller and Cindy Muir received the "Above and Beyond" award for their outstanding work organizing the tremendously successful Washington County MG Spring Plant Sale. The hours of work and dedication these two master gardeners provided over the last year resulted in an extremely well-run and highly profitable public event that the Chapter can be proud of and will benefit from in many ways this coming year. Thank you!!!

President	Lynn Cox	503-629-9156
Vice President	Tim Lanfri	503-590-4354
Recording Secretary	Jackie Keil	503-531-3884
Corresponding Secretary	Geri Larkin	503-671-9307
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OMGA Rep	Ken Keudell	503-292-6519
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Dir.#1 Business	Bill Klug	503-681-0143
Dir.#2 Program V	ern Vanderzanden	503-357-6109
Dir.#3 Publicity	Lynn Wagner	503-531-9239
Dir.#4 Fundraising	Anna Stubbs	503-643-9474
Dir.#5 Chapter Relations		503-641-0429
Editor:	Geri Larkin	503-671-9307

Submit Chapter Chat Information and general chapter announcements to Geri Larkin, Chapter Chat Editor.

Phone 503-671-9307 or e-mail geralyn.dan@gmail.com

For address/email changes, contact Alan Strong, e-mail coordinator, info@wcmga.info

Chapter Website: www.wcmga.info





## Clackamas County Chatter 🎆





The Oregon Master Gardener Association in Cooperation with OSU Extension Service Master Gardener™ Program

2010

#### June Chapter Meeting

Monday, June 14 Milwaukie Center 7:00 p.m. 5440 SE Kellogg Creek Drive, Milwaukie

#### Garden Circulation: A Maze or Amazing?

Vanessa Nagel, APLD, Timber Press author, Garden Designer, Seasons Garden Design LLC

Getting lost in your garden? Vanessa Gardner Nagel will discuss how to use space efficiently, how to determine direction, how to use focal points, subtle way-finding, safety, and more, helping you establish paths and garden circulation that make sense.

Vanessa Gardner Nagel is an awardwinning, sustainability-conscious garden designer who owns Seasons Garden Design LLC. As a youngster at her grandfather's side in Minnesota, she became infatuated with plants. With over 30 years experience including commercial interior design projects for West Coast and international design firms, Pacific Northwest landscape design projects, and adjunct faculty instructor at Marylhurst University and Portland Community College, Vanessa provides innovative solutions to challenging projects.

#### A Tour of Zenger Farm

July 12, 5 - 7:30 p.m.

How do chickens and turkeys contribute to sustainable farming? Chapter members and guests will observe sustainable farming practices on this 16-acre property in the heart of Portland. The century-old farmhouse was renovated, in 2007, into a "net-zero energy use" facility. During our 1-hour tour, staff will demonstrate how Zenger Farm models and promotes sustainable food systems, environmental stewardship, and access to healthy food.

#### A Most Successful Spring Garden Fair

Thanks, everyone, who helped at the Spring Garden Fair. We couldn't have done it without you! A big Thank You to Joby Duggan who tirelessly recruited and organized 185 vendors. Kudos to Herb Davis, Rodger Sanman, Irwin Rogers, Carla Kildahl, and Marianne Kahl for overall planning and execution of the fair.

Preliminary statistics are in: gate count -16,593; Master Gardener Clinics - 400 contacts; pH Soil Testing - 182 contacts (307 samples); 10-Minute University<sup>TM</sup> – 408 contacts; the Potting Station sold approximately 265 pots; and the New Plant Introduction auction raised \$808.

Every committee chair and co-chair did an awesome job. Thanks go to Sharon Andrews, Mickey Becker, Bill Bradley, Mary Butler, Kathi Cardinelli, Jane Collier, Niki Davis, Penny Dionne, Maggie Frieske, Louise Hargens, Meridith Hilderbrand, Nancy Hopkins, Will Hughes, Mike King, Kathy Long, Bonnie Lyne, Nikki Mantei, Cathy Matern, Paul Miken, Dick Nelson, Trudy O'Donnell, Holly Pederson, Jeanne Reairdon, Darlene Reimer, Carolyn Robinson, Darlene Sanman, Pat Smith, Reta Suzanne, Gray Thompson, Ann Upton, Sharon Wiley, Frank Wille, and Carol Zinsli.

#### Community Project Grant Committee Makes First Award

The Christ the Vine Community Food Shed Garden in Damascus is our first recipient. The Chapter awarded \$500 toward the purchase of seeds, fertilizers and soil supplements. John Rossetto is the MG contact for the project. For more information about how to apply for a community project grant, contact Nancy Hopkins, Chair, at 503-635-7465 or nhop101@aol.

#### Kudos

Green Glove Award: Sherry Holley organized and co-taught the Tomato Workshop for MGs for the past three years and the Secrets of the Tomato Masters workshop for the public in 2010. She has developed a significant amount of teaching materials for 10-Minute University™ and has taught 10-Minute University™ classes since 2007. This year, she was co-coordinator of the Chapter's participation in the Better Living Show.

#### Featured Committee: The Grow An Extra Row Committee

Believing that everyone should have access to fresh vegetables, this group of master gardeners is on a mission to grow crops for the hungry. Harvests are dropped off at local food kitchens around Clackamas County. Gray Thompson began our chapter's effort, using two community garden plots at Clackamas College. In 2010, he passed the torch to Pam Garten. The committee has expanded, now utilizing five plots, encompassing 2,700 sq. ft. Active members are: Mary Butler, Dianne Stoppelmoor, Bondi Nyary, Pip Platt, Rob Kappa, Jeanne Reairdon, Joby Duggan, Karen King, Donna Edgell, Bob Blaedel, Rob Folse, Penny Dionne, Bob Woods, Suzanne Glenning, Steve Bauer and Barbara Markwell.

The garden is managed by work parties, both weekdays and Saturdays. Pam hopes to develop a scheduling system similar to the phone clinic's for handling watering and harvest. If you want to help or just find out more, contact Pam Garten at 503-673-0180 or kidderpam@aol.com.

President • Sherry Sheng: 503-655-1822 — Vice President • Larry Huckaba: 503-631-8866

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Advisory Board • Buzz Oerding: 503-233-6974 Advisory Board • John Hill: 503-653-9524

OMGA Rep • Nikki Mantei: 503-577-4494 OMGA Alt. Rep . Linda O'Toole: 503-659-5309 Newsletter • Kathy Johnson: 503-794-3959

Asst. Treasurer • Trudy O'Donnell: 503-636-1697 Advisory Board • Gene Mc Coy: 503-631-8059 Websites: http://extension.oregonstate.edu/mg/ —

http://www.clackamascountymastergardeners.org/

#### JUNE 2010 MG NEWSLETTER

Department of Agriculture, and Oregon counties cooperating. The Extension Service offers it programs and materials equally to all people.

 First week: spray cherry trees for cherry fruit fly, as necessary if fruit is ripening. First week: spray for codling moth in apple and pear trees, as necessary. Continue use of pheromone traps for insect pest

**Pest Monitoring and Management** 

Oregon State University Extension Service encourages sustainable gardening partices. Preventative pest manage ment is enthabasized over reactive pest control. Identify and monitor problems before a cting, and opt for the least toxic approach that will remedy the problem.

Plant dahlias and gladioli.

Sarden hints from your OSU Extension Agent

June 2010

Agriculture, 4-H Youth, Family & Community Development, Forestry and extension Sea Grant Programs. Oregon State University, United States

# Learn to identify beneficial insects and plant some insectary plants (e.g. Alyssum, Phacela, coriander, candytuft, sunflower, yarrow, dill) to attract them to your advance. Check with local nurseries for best selections. See PNW 550 (Encourgain Beneficial Insects in Your Garden) for more information.

- Monitor azaleas, prinnoses and other broadleaf ornamentals for adult root weevils. Look for thest evidence of feeding for the discherge of feeding front-hing at leaf edges). If y sticky trap products on plant trunks to trap adult weevils. Protect against damagning the back by applying the sticky material on a 4-thot wide band of poly sheeting or burlap wrapped around the trunt. Mark plants now and manage root weevils with beneficial nematodes when soil temperatures are above 57s. If not weevils are a consistent problem, consider removing plants and choosing resistant varieties (See http://cru.cahe.wa.uedu/CEPublicationseb097)eeb0970e.pdf for list of froddendons exhibiting resistance to adult not weevil feeding.)
  - Blossoms on squash and cucumbers begin to drop: this is nothing to worry about. Cherries may also drop fruit: this is not a major concern.
    - Control garden weeds by pulling, hoeing, or mulching.

Harvest thinnings from new plantings of lettuce, onion, and chard.

Pick ripe strawberries regularly to avoid fruit-rotting diseas

Use organic mulches to conserve soil moisture in omamen beds. An inch or two of sawdust, barkdust, or composted leaves will minimize loss of water through evaporation. After normal fruit drop of apples, pears and peaches in Jun consider thinning the remainder to produce a larger crop of

Fertilize vegetable garden 1 month after plants emerge by side dressing alongside rows.

Prune lilacs, forsythia, rhododendrons, and azaleas after

Maintenance and Clean Up

- Control aphids on vegetables as needed by hosing off with water or by using insecticidal soap or a registered insecticide Watch for 12-spotted beetles on beans and lettuce and cab-bage worms or flea beetles in cole crops (cabbage, broccoli, brussel sprouts). Remove the pests by hand or treat with
- Spray peas as first pods form, if necessary, to control weevils
- Use yellow sticky traps to monitor for cherry fruit fly. About week after the first fly is caught, spray cherries at appropriat Birch trees dripping a sticky fluid from their leaves means that aphids are present. Control as needed.

Make sure raised beds receive enough water for plants to avoid foundir stress. It a green have is desired make sure lawn areas are receiving adequate water (approximately 0.5 to 15 inches per week from June through August). Deep watering less of offen is more effective than frequent shallow watering. Measure your water use by placing an empty tuna can where your intigation water lands.

Last week second spray for codling moth in apple and pear trees, as necessary.

(Mid-June): If green lawns are being maintained through the summer, apply 1 lb. nitrogen per 1,000 sq.ft. to lawns.

Central Oregon and higher elevations of eastern Oreg

vegetables from frost by having row cover (frost cloth) on hand. Place over crops when needed. Use season extende such as walls of water, around tomatoes and other tender

Move houseplants outdoors for cleaning, grooming, repotting and summer growth.

Oregon State | Extends Gardening information online—http://extension.oregonstate.edu/gardening

Recommendations in this calendar are not necessarily applicable to all areas of Oregon. For more information, cortact your local Extension office (fittp://www.extension.oregonstatesedu/locations.php).

Construct trellises for tomatoes, cucumbers, pole beans, and vining ornamentals.

First consider cultural, and then physical controls. The conservation of biological control agents (predators, parasitorids) should be favored over the purchase and release of biological controls. Use chemical controls only when necessary, only after identifying a pest problem, and only after thoroughly reading the pesticide label. Least-toxic choices include insecticidal soaps, horticultural oils, botanical insecticides, organic and synthetic pesticides — when used judiciously.