

The Grapevine

June 2018

The newsletter for Yamhill County Master Gardeners



Oregon State University
Extension Service
Yamhill County

In this Issue...

- Propagation Com. Schedule. . 2
- YCMGA Calendar 3
- Triungulins. 4
- Tillamook Tour 5
- Pests & Highlights 6
- G2 informational ad 7
- Developing a Cultivar 8
- Community Garden 9
- Plant sale photos . 10 thru 13
- OMGA Silent Auction 14
- Ultimate hedge 15

SECRETARY'S NOTES

The notes for our last meeting (April) are not in this issue. Because there was no board meeting in May, the April minutes have not yet been approved.



FAMILY PLANTING DAY

Children learn to plant their own vegetables on raised beds (with Master Gardener help). It will be held on Saturday, June 9, at the Community Garden from 11 am to 1 pm. You need to register by Sunday May 29, at the McMinnville Community Center.

Children must be accompanied by an adult: cost is \$10 for the first child, and only \$1 for each additional child.

The fee includes:

- 4 x 4 raised bed
- Garden soil
- All seeds
- Vegetable plants
- The class itself

PLUS

Pizza lunch is included!

Information:
503-434-7310

- YCMGA COMMITTEE CHAIRPERSONS:**
- Community Garden**
Linda Mason
 - Demo Garden**
Gail Price
 - Education Outreach**
Nancy Woodworth
 - Newsletter**
Donn Callahan
 - Farmers' Mkt. Mac.**
Tom Canales
 - Farmers' Mkt. Newberg**
Peter Steadman
 - Greenhouse**
Linda Coakley
 - Hospitality**
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 - Insect Committee**
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Tom Canales

Scholarships
Susan Nesbitt

Seed-to-Supper
Gene Nesbitt

Spring into Garden
Gene Nesbitt

**Social Media/
Website**
Tom Canales



Extreme Topiary

PROPAGATION COMMITTEE JUNE SCHEDULE

June 5th: Cutting propagation –

Cane berry, some evergreen shrubs, perennials (?)
½ hour educational credit: Cuttings: How to & types.

June 12th: Cuttings –

plants depend on what is ready to cut. Look for email requesting cutting/propagation material from your yard.

June 19th: Weed seminar—

½ hour educational credit. Cuttings, again depending on readiness; Coreopsis, Heuchera, Monarda. Maybe some seeding?

June 26th: Cuttings of ready material

including – Roses, Cistus, Veronica, Salvia and more. Again, look for an email requesting material from your yards for cuttings.



Webinar “Re-runs” still available

These are repeats of the webinars available from January 2018. To access any of them, simply open the link to the class you want, and click on the green arrow to view.

[Frontiers in Slug & Snail Management](#) presented by Dr. Rory Mc Donnell

[Hybridization and Tetraploids and Chromosomes, Oh My! Understanding Plant Breeding for Disease Resistance](#) presented by Dr. Ryan Contreras

[Identifying & Managing the Bronze Birch Borer](#) presented by Nicole Sanchez

[Powdery mildew: Biology & Management in the Garden](#) presented by Dr. Jay Pscheidt

YAMHILL COUNTY MASTER GARDENER CALENDAR**JUNE 2018****6** *Wednesday* **NEWBERG FARMERS' MARKET:** NEWBERG, 2 PM TO 7 PM**7** *Thursday* **MCMINNVILLE FARMERS' MARKET:** DOWNTOWN MAC, 12 PM TO 6 PM. **INSECT COMMITTEE MEETING:** 10 AM TO NOON, PUBLIC WORKS AUDITORIUM**9** *Saturday* **PLANT CLINIC:** KRAEMER'S GARDEN CENTER, MCMINNVILLE, 10 AM TO 2 PM **FAMILY PLANTING DAY,** COMMUNITY GARDEN, 11 AM TO 1 PM, RESERVE AT COMMUNITY CTR.**13** *Wednesday* **YCMGA BOARD MEETS,** 10 AM TO NOON, PUBLIC WORKS AUDITORIUM
ALL YAMHILL MASTER GARDENERS ARE INVITED TO ATTEND THE MEETING. **NEWBERG FARMERS' MARKET:** NEWBERG, 2 PM TO 7 PM**14** *Thursday* **MCMINNVILLE FARMERS' MARKET:** DOWNTOWN MAC, 12 PM TO 6 PM.**20** *Wednesday* **NEWBERG FARMERS' MARKET:** NEWBERG, 2 PM TO 7 PM **BEE-DAY AT MICHAEL O'LOUGHLIN'S FARM:** MCMINNVILLE. **SOLD OUT****21** *Thursday* **MCMINNVILLE FARMERS' MARKET:** DOWNTOWN MAC, 12 PM TO 6 PM.**24** *Sunday* **MAC GARDEN CLUB TOUR & FAIRE:** 3RD & COWLS, MCMINNVILLE, 9 AM TO 4 PM.
FOR INFORMATION CALL MIKE AT 503.831.3087**27** *Wednesday* **NEWBERG FARMERS' MARKET:** NEWBERG, 2 PM TO 7 PM**28** *Thursday* **MCMINNVILLE FARMERS' MARKET:** DOWNTOWN MAC, 12 PM TO 6 PM. **INSECT COMMITTEE MEETING:** 10 AM TO NOON, PUBLIC WORKS AUDITORIUM**EVERY SATURDAY 9AM** - COME HELP OUT AT THE **MCMINNVILLE COMMUNITY GARDEN****"TO THE ROOT OF IT"** PROGRAM @ 9:00 AM. ON RADIO KLYC AM 1260 WITH SHARON & KYLE.

TRIUNGULINS: NATIVE BEE HITCHHIKERS

After a fun day of collecting native bees for the [Oregon Bee Atlas](#) on our Gopher Valley site, I sat down with the microscope to pin up the speci-



mens. I came across a couple of bees that had pink mites on them and that inspired me to take a closer look at all the bees. Mind you the bees themselves are less than 9 mm long (the length of this arrow: \longleftrightarrow) On two of the bees I found hitchhikers straight out of a sci-fi movie.

These crazy creatures are triungulins, the first instar larva of a beetle in the family *Meloidae*. They get their name because of the three claws they have on each foot - "unguis" is Latin for claw. These larvae grow into adults called blister beetles. The first instar larva, which is the hitchhiker stage, doesn't harm the bee.

Here's where things get really interesting. Masses of larvae will climb up a plant and congregate at the top. Once there, they form into a shape that resembles a female

ground-nesting bee in the hopes of attracting a male bee. To complete the ruse, they emit a scent that mimics a female bee's pheromones. This scent attracts male bees who are looking for a mate. The triungulins will then attach to the male and ride around on the back of the male bee until he finds a

female at which time they transfer to the female bee.

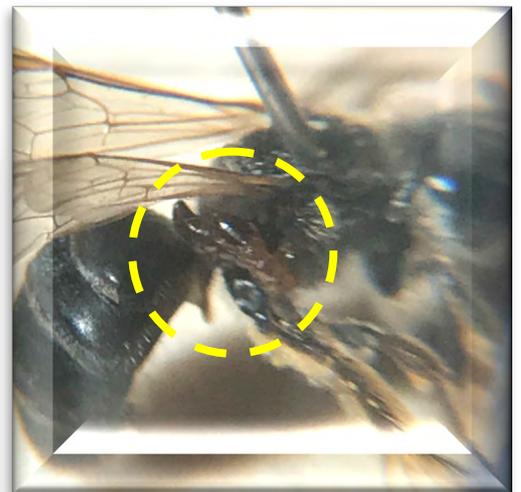
Once on the female, the phoretic larvae get transported to the nest the bee is building in the ground. There, they dismount and begin to feed on the pollen balls she has prepared for her own young, along with the actual bee eggs. It is at this point that they become a true parasite.

If you are interested in learning more, check out this paper by Saul-Gershenz & Millar (2006)

["Phoretic nest parasites use sexual deception to obtain transport to their host's nest."](#)



Michael O'Loughlin



A Garden Tour in Tillamook County

It's 2018 and the year for another of Tillamook County Master Gardeners Association's (TCMGA) **Spade and Wade Garden Tours**. From the foothills east of Tillamook to the shores of the Pacific, visitors have the opportunity to visit **six spectacular and varied gardens** in Tillamook County.

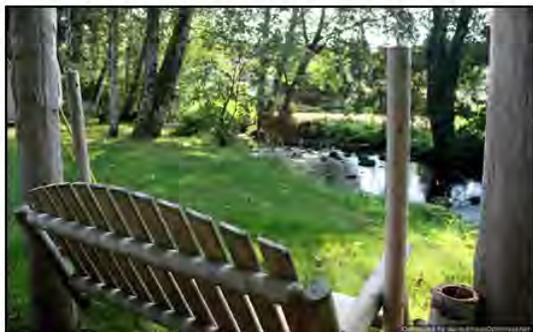


Visit a garden which includes a serene woodland alongside a vegetable garden worked the way a garden should be, with annual charts to insure crop rotation and pest control. **A master of bonsai will show off her collection as well as give demonstrations on how to create these gems.** A garden is created for birds and bees – and humans – with a wide variety of ornamental shrubs and perennials as well as vegetable crops. Take a river walk along a property with areas creating

several different gardens: natural areas along the river, berry and vegetable gardens, areas for ornamentals, and a greenhouse to get the plants started.

Travel to the Coast. Set high on a hill overlooking the Pacific is a **"his" front area** planted to survive the ubiquitous deer and elk in the area as well as withstand the salt air from the ocean. And in the back is **'her' garden** with unusual plants for the area: hardy begonias, a prostrate coast redwood, winter hardy palms, a mature Mexican Palm. Nearby this garden one can take a walk in a woodland through an old growth forest planted with a variety of ferns and with examples of **nurse logs**. This is only a short description of all you can see on Tillamook County educational and unique tour.

And Tillamook County has lots to offer with the Cape Meares Lighthouse, Tillamook Creamery, Kilchis River Reserve, the Pioneer Museum, TCMGA's Learning Garden, Munson Falls, great fishing, and so much more. Come and make a weekend of your visit or even stay a week.



Here are the details:

Date: July 21st, 2018 10:00 AM to 4:00 PM

Tickets: \$10.00 each. Children under 16 free.

Contact: Karen at ksarnaker@gmail.com for questions

Check the TCMGA Facebook page for more information:
<https://www.facebook.com/tillamookmastergardeners/>

For information on Tillamook County:
<https://tillamookcoast.com>



PESKY PROFILES



By Heather Stoven

Keeping Peonies Pretty

One of the stars of the garden this time of year is the lovely peony. However, on my evening dog walks I have noticed some of these plants looking not-so-lovely and suffering from ugly foliage spots. We have also received many public inquiries into this particular disease.

I am referring to botrytis blight (*Botrytis* sp.) which has several species that will infect peony. Foliage can be distorted with red to brown lesions and flowers and stems can also be affected. This fungus thrives in wet conditions, and therefore is most common in spring and tends to be less problematic as our summer drought season approaches. Its spores are produced on infected material and is then spread by wind or rain.

Therefore if you can remove diseased material, reduce plant wetness by removing overhead irrigation or improving air circulation this is best.

There are also some fungicide options for homeowners, but as always, start with cultural controls first.

With a bit of knowledge, hopefully you can nip this disease in the bud and keep your peonies looking pretty.

For more info:

<https://pnwhand-books.org/node/3222/print>



Heather's Highlights

Over the last month we have had a sub-committee working on putting together a schedule for the office desk clinic. During the last couple years we have struggled to have veteran Master Gardeners available to work with trainees as well as adequate volunteers to handle the public's questions in a timely fashion. Thanks to our sub-committee we have our summer calendar filled with veteran Master Gardeners signed up to work the desk.

Please note that the time slots are not the same each day, so if you are a trainee, please note the times the veterans are signed up and sign up when they will be in; it is challenging to accommodate other times, especially last minute. If you are a veteran Master Gardener who would like to sign up to come work the desk this summer, there are still time slots available. We also have open farmer's market slots which are also available to complete desk clinic hours.

I greatly appreciate Gene's, Susanne's, and Marilyn's time for contacting our membership to set up the calendar, as well as all the veteran MG's who have committed to working the desk this summer. It feels great to look at the desk calendar and know that we will be able to answer the public's questions in a timely manner.

If you would like to sign up for the office clinic desk, please see the link below:

<https://teamup.com/ksuivsqe29g6ctjnv1>



Oregon Master Gardener™ Association's Growing Gardeners Conference

July 12th - 14th, 2018

at Linfield College in McMinnville

Fun, friendship and fellowship plus fabulous
classes await you this year at the OMGA's
Growing Gardeners Conference.

(formerly OMGA Mini-College)



G-2

Remember that this annual conference is open to all MG's and individuals interested in a variety of educational, horticultural and gardening topics, including advanced classes for recertification. Careful consideration and thought has been given to the selection of interesting and experienced speakers for the Friday and Saturday classes, workshops and educational tours.



GROWING GARDENERS 2018

Check out the OMGA website for detailed information:

www.omga.org



"Oh, great. It's the crickets again. Now I'm tired and hungry."

DEVELOPING A NEW CULTIVAR

OSU recently developed a new hop plant, bred specifically for two distinct odors (a citrus smell, and the dank smell of cannabis!).



What is most interesting to me is the lengthy process of finding and hybridizing the desirable plant. Here are the steps, and this is considered a "fast" plant development.

1. Seed were collected around the state during the winter of 2010.
2. A hops distributor contracted with OSU to develop the new hybrid.
3. A field of female hops was open pollinated by multiple hop varieties from a research facility.
4. The resultant seed developed into about 10,000 plants with a wide range of characteristics.
5. Relations had to be restored between the university and hop farmers, who were not pleased that the public facility was developing controlled private varieties not widely available to growers. This is still an issue, apparently, when public institutions are supported by private interests, and the resulting product is available only to the private company which financed the project.
6. All 10,000 seedlings were exposed to mildews.
7. All 10,000 were exposed to all known hop diseases.
8. Surviving plants were planted outdoors at OSU. None were treated with fungicides or otherwise "fussed over."

9. As the plants were being evaluated, their cones were being analyzed for chemistry.

10. The cones were evaluated for small-scale brewing potential.

11. Plants that succeeded all these steps were moved to an advanced trial.

12. Those plants were propagated from the original successful plant, and their descendants grown in plots in 30 different locations in hop-growing regions.

13. The one (*that's one out of 10,000!*) that showed the most promise was then planted in five-acre plots on different farms, and

observed through a year.



14. This year it was planted on three farms, for a total of 95 acres.

15. The first commercial crop should be harvested next year.

The new variety "Strata" is now one of **84** hop cultivars now listed and planted. It gives laypeople a slight idea of the amount of work and time that goes into any new cultivar — flower, food, shrub, or tree.



*Perkowski, Capital Press,
11-10-2017*

*Condensed & summarized by
Donn Callaham*



McMinnville Community Garden



Spring planting for the Food Bank is now nearing completion with only the green beans left to be planted. Summer planting of beets and carrots will begin as we harvest onions and garlic.

COMMUNITY
GARDEN

53 personal row gardeners
2 all-access beds
8 Seed to Supper gardeners
20 flower beds
16 children gardeners
4 herb beds
80 YCAP beds

STATISTICS

Alan Wenner

July 13 - OMGA Workshop at the garden with Heather, Linda M. and Alan

Please remember: Volunteer Work Opportunity Every Saturday Morning through October from 9 AM to Noon - volunteer service hours for MASTER GARDENERS

Contact: Alan Wenner at 503-883-9226



*Pea vines trellised on
tomato cages!*



Food bank gardens on May 23rd



The Plant Sale Volunteers, ready for opening



Bob and Tom hauling customer flats; two of many trips. (See next page for "box-hauling contest" photos, and list of winners).



The "How Many Boxes can you carry" competition...

Tom thought he was the champion, at 24 boxes.



Bob excels at "Fewest Boxes Carried" (with no other competitors)



Rita stumbles in with 20-box load



Our 3 tireless 4H assistants at the plant sale were Kasie, Abigail, and Mariah. Kasie was the winner of the "most boxes carried" competition: she lugged 28 boxes from a truck to the building. On her way she tripped over a wagon she couldn't see, but still recovered and won!



Customers waiting for sale to begin



Busy morning of sales



Setting up before the sale



plant sale



Crew setting up the stupendous lunch buffet



Well-deserved lunch break

Stephen transporting plants back to pavilion



Annuals table, before opening



Jean hauling boxes



OMGA™

**The OMGA
silent auction
will be at G2
this summer.**

*This auction is the
primary funding source
for OMGA's activities
such as scholarships,
awards, Pacific
Northwest Handbooks
for chapters, and
operating expenses.*

Silent Auction

**We need each chapter to participate, collect-
ing 10 or more new items with a value of at least \$25
each, for the auction. Some suggestions:**

- 👉 Gift baskets
- 👉 Garden art & garden tools
- 👉 Books, art, jewelry
- 👉 Garden tours, hikes
- 👉 Gift certificates
- 👉 Vacation/ B&B packages

OR USE YOUR IMAGINATION!



GROWING GARDENERS 2016

Questions??

Contacts:

Jan Coleman
503-472-0283

Diane Lockwood
503-434-9416

**Donated items must
be in new condition.**

**They do not need to
be garden-related.**



Kathryn



Tom, Maggie, Linda, Alan, & Glenda at the plant sale



The ultimate privacy hedge





Yamhill County Extension
2050 NE Lafayette Avenue
McMinnville, OR 97128-9333

<http://extension.oregonstate.edu/yamhill>



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The Grapevine

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FOR FREE SUBSCRIPTION BY EMAIL, SEND REQUEST TO ABOVE ADDRESS.

GENERAL MEETINGS OF THE YAMHILL COUNTY MASTER GARDENERS™ ASSOCIATION ARE ANNOUNCED IN THIS NEWSLETTER AND ARE OPEN TO THE PUBLIC.

CONTRIBUTORS VARY BY MONTHLY EDITION.

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Heather Stoven, Yamhill County Extension Faculty for Community Horticulture

