



SPECIAL EVENTS COMING UP

June 2 & 3: OMGA Leadership Forum and 2nd quarter board meeting

June 14: YCMGA board meeting + "Lunch & Learn" free lunch and educational credit.

June 21: International Plant Propagation Society tours of Oregon Gardens and Conifer Kingdom nursery.

June 25: McMinnville Garden Faire by McMinnville Garden Club, downtown McMinnville

June 29: "I.D. That Tree" tour at Linfield College, led by Heather Stoven

These events described in detail in this issue of the "Grapevine."

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COMPOSTPALOOZA!

- Composting demonstration!
- Vermicomposting demo.
- Petting zoo!
- Raffle for prizes!
- Plant starts for sale!
- Get free compost!



Where: McMinnville Community Garden

When: Saturday, June 17th

Who: An event sponsored by

ZERO WASTE MCMINNVILLE



DANGEROUS
MASTER GARDENERS
 ON DUTY

*2017 YCMGA
 PLANT SALE*



Maintaining Law & Order



Proud Community Garden Operatives

APRIL 29 & 30



Yamhill County Master Gardener Calendar



JUNE, 2017



- 1** **Insect Committee** meets in the auditorium at Extension office, 10:00 a.m.
McMinnville Farmers' Market, 12:00 pm to 6:00 pm. + setup & takedown.
- 2** **OMGA 2nd quarter meeting and Leadership** at Hopkins Forest. Lecture, Tour, and Leadership Forum, opening at 10:30 am. *See details page 8 of this issue.*
- 3** **OMGA board meeting** meets 9:30 am to 4:00 pm at Milwaukie Center.
See details page 8 this issue of Grapevine.
- 7** **Newberg Farmers' Market**, 12:00 pm to 6:00 pm. + setup & takedown.
- 8** **McMinnville Farmers' Market**, 12:00 pm to 6:00 pm. + setup & takedown.
- 14** **YCMGA Board Meeting.** Public Works Auditorium. Board meeting at 10:00 a.m. to 12:00. **ALL MASTER GARDENERS ARE INVITED.**
"Lunch & Learn" is the video, "Plants Behaving Badly" about orchids' nefarious behavior to attract pollinators. Free lunch + 1 hour ed. credit
Newberg Farmers' Market, 12:00 pm to 6:00 pm. + setup & takedown.
- 15** **Insect Committee** meets in the auditorium at Extension office, 10:00 a.m.
McMinnville Farmers' Market, 12:00 pm to 6:00 pm. + setup & takedown.
- 21** **International Plant Propagation Society** special tour of Oregon Gardens and Conifer Kingdom, 8:30 am to 1:30 pm. *See ad on page 5 this issue Grapevine.*
Newberg Farmers' Market, 12:00 pm to 6:00 pm. + setup & takedown.
- 22** **McMinnville Farmers' Market**, 12:00 pm to 6:00 pm. + setup & takedown.
DEADLINE for submissions for "Grapevine"
- 25** **McMinnville Garden Faire** Cows St. between 2nd & 43th. 9:00 am to 4:00 pm. (Special event of McMinnville Garden Club). 65+ vendors and one Porta-Potty!
- 28** **Community Garden class** meets 10:00 am to noon at the Garden. Registration required, \$10.00 per person, *see description page 10 this Grapevine.*
Newberg Farmers' Market, 12:00 pm to 6:00 pm. + setup & takedown.
- 29** **Tree Identification Tour** at Linfield, led by Heather Stoven. Meet outside Linfield Starbucks, from 10:00 to 11:30 am. Qualifies for educational credits.
McMinnville Farmers' Market, 12:00 pm to 6:00 pm. + setup & takedown.

'To the Root of It' @ 9:00 am. on radio KLYC AM 1260 with Sharon & Kyle.

Insect Committee meets every 1st & 3rd Thursday of the month, 10 am to noon, auditorium

HISTORIC CAPITOL TREES MOVED

SALEM — Four historic Camperdown Elm trees that once stood at the Oregon Capitol's east and west entrances, appearing to usher in visitors, are settling into less prominent positions in the statehouse gardens.

The trees, distinguished by their weeping boughs pruned into the shape of chunky umbrellas, were moved last week at a cost of nearly \$300,000 to make way for new mechanical vaults on each side of the Capitol.

The new vaults are part of the \$50 million Capitol Accessibility, Maintenance and Safety (CAMS) Project, approved by the Legislature in 2016.

Two of the four trees date back to before the original state Capitol burned down in 1935. Planted sometime between 1870 and 1930, they survived the fire. Later, they were replanted in 1941 after the existing Capitol was completed, said Chris Havel, associate director of Oregon Parks and Recreation Department.

The trees were moved again in 1977 to make room for a new wing to the Capitol. Officials at the time were doubtful about the trees' chances of survival, so they planted two more Camperdown Elm trees as backups, Havel said. All four survived.

The Legislative Administration Office in April inked a \$285,500 contract with Texas-based Envi-

ronmental Design Inc. to relocate the trees. The company dug out as much of the root system as was possible, bundled the roots in burlap bags and inserted heavy pipes under the roots to support and lift the tree with a crane.

"When you play with the roots you play with the tree's life support system," Havel said. Lifting the trees with the crane created a whimsical spectacle on the Capitol grounds. Havel filmed the process from Rep. Caddy McKeown's fourth-floor office in the statehouse.

The heaviest tree with roots and soil weighed more than 50,000 pounds, Havel said. "You would normally move the trees when the trees are dormant and have no leaves and are slumbering the winter away," he said. "The timing of their process meant they couldn't do that when it was ideal."

It's too early to say how the trees fared during the move, Havel said. If they experienced any distress, it might not show until late summer or early fall, he said.

The grounds keeper and forester will look for wilting leaves or unusually large dead patches at that time, he said.

The state opted to relocate the trees, rather than remove them, in order to save time and preserve the historical character of the Capitol grounds, a nominee

for the National Register of Historic Places. The state Historic Preservation Office and the City of Salem's Landmark Commission wanted to preserve the trees.

If the Legislative Administration Office had chosen to cut down the trees, they would have had to mitigate the historical loss by



telling the trees' story in some way. That would have delayed construction of the Capitol improvement project. The cost of that delay would have escalated the project costs by \$2 million, wrote Marina Cresswell, a project manager in Legislative Administration, in an April 13 briefing.



International Plant Propagation Society Special Tour Event

Conifer Kingdom is a retail outlet that specializes in Japanese maples and dwarf conifers, from liners to specimen sizes. Conifer Kingdom is owned by Brent Markus, who founded Rare Tree Nursery and Markus Farms LLC in 2007. The nursery offers an unparalleled selection of dwarf conifers and Japanese maples, most of which are propagated in-house and offered in small sizes as well as mature specimens.

We will then return to the Oregon Garden, our final destination, for a tour of the conifer garden by our guide, Doug Wilson. Doug is a long-time volunteer at the Oregon Garden and an active member of the American Conifer Society. Following our tour, we will have lunch in the garden and a chance to share with colleagues.

Date: Wednesday, June 21, 2017

Time: 8:30 AM – 1:30 PM

**Starting at: Oregon Garden, 879 W Main St,
Silverton, OR 97381**

Registration cost: \$55.00

Pre-registration is required and due by June 13.

IPPS

SHARING PLANT PRODUCTION KNOWLEDGE



Photos by: Conifer Kingdom

2017 International Master Gardener Conference

July 10 - 14, 2017

at the

Oregon Convention Center

in Portland, OR

**Want to Volunteer or Register
visit the IMGCC 2017 website:**

<http://blogs.oregonstate.edu/2017imgc/>



*To date, over 1,000 MG's
from across the US and
Canada have decided to
join in the fun!*

TRADE SHOW with 78 vendors.....TOURS! and more TOURS just added.....48 SPEAKERS

WHO IS THAT BEHIND THE BOXES??



For this year's plant sale, Jeff Fahey devoted a significant portion of his life to collecting cardboard flats for our customers. This is truly a "behind-the-scenes" job, but the result amazes!

Jeff ran a pickup route, every day seven days a week, for three months to collect enough boxes. Besides doing the collections, every day he then:

1. Transported them to the fairgrounds for storage.
2. Sorted them according to type, to stack easily.
3. Recorded daily intakes.
4. Stacked them about 12 feet high in a storage building, and locked up every night.

But that's not all. Building relationships with grocery store and fairgrounds staff was essential. Previously we had stored boxes in the pole building at the fairgrounds, behind the plant sale building. Last year the Fair crew had to move all the boxes off the tables, move the tables to the arena for an auction, then move the tables back and re-stack the boxes. This year we worked out a new plan, storing the boxes in a separate building, and supplying the lock too.

Things Jeff had to keep in mind

to build the relationship with produce staff were:

- Set expectations with the Produce Manager up front, including shift changes.
- Communicate with all produce staff

what he wanted --- boxes of this size.

- It helps to tell them they are for the plant sale. Most will ask what YCMGA plant sale is, when, why, etc.
- Greet them with a smile, but keep *out of their way*.
- Agree on a usual time for pickup (2-3 PM, 7 days a week) and stick to it!
- Let one of the staff know if you will be late or need a "vacation"
- Wednesdays Jeff goes skiing, so he let them know he would be late (7-8PM) on those days.
- Leave a contact phone number. Occasionally there is a panic, they need room, and emergency pickups had to be made.
- In return, they often took the time to stack a cart for us.
- Do all this for three consecutive months, until about 2000 boxes had been collected.

There is one skill Jeff admits he does not have: remembering how many boxes he loaded long enough to write it down (let alone remembering to count as he was loading). But he knows the numbers are close and nobody can audit them now!

Jeff will work on this project next year, but he can't commit to full time like this year. He needs a loyal and staunch partner with a pickup and canopy, or perhaps a van.

This project, along with some other frustrations, cut into skiing --- Jeff intends to have skiing dominate this next winter!



Donn Callaham

About 10% of the boxes
Jeff collected last winter



Heather's Highlights

As I write this the first heat of the season has arrived, reminding me that it is indeed almost summer. Late spring/early summer brings the farmers markets which has started in McMinnville and will have started in Newberg when the Grapevine comes out. The McMinnville farmers market will be on Thursdays as before, but has a **new location** at 1st and Cows Streets. The first week at the market went well in the new, visible

location and we are looking forward to the market season which will run until October 12th this year. We have MANY openings on signup.com for McMinnville, so please do not be shy about putting your name down to volunteer at the market. Trainees, you are also welcome to sign up with a veteran at both markets. The Newberg farmers market is located on First and Howard Streets next to the Post Office downtown and is again on Wednesdays. There are also openings for the Newberg market: the [signup links](http://signup.com) for both markets are below. Check your calendars for your availability on Wednesdays and Thursdays this summer and please sign up to work these markets: it is a fun way to interact with the community!

Happy Summer! Mac Farmers Market:

<http://signup.com/go/QaYBNT>

Newberg Farmers Market:

<http://signup.com/go/FXaskV>



PESKY PROFILES



By Heather Stoven

Diamonds are NOT a Gardener's Best Friend

I am referring to the diamondback moth, a common brassicas pest. They are currently active, and populations are above normal levels so far this season. Diamondback moths are one of the green caterpillars that munch on your cabbage, broccoli and cauliflower, to name a few of its favorite veggies. The eggs are typically unnoticed as they are small, yellow-green and laid on the top of leaves. The larvae mature in 10-30 days and leave "window-pane" feeding damage on the leaves since their feeding often leaves the epidermal leaf layer intact. The green larvae are most easily identified by the V-shape to their prolegs and the fact that they drop from a silken thread when disturbed. Adults are slender, about 1/3" in length and gray-brown. There are 4-6 overlapping generations. There are numerous predators and some parasites of this pest and the microbial insecticide *Bacillus thuringiensis* (Bt) is also effective.

For more information:

<http://horticulture.oregonstate.edu/content/>

<https://pnwhandbooks.org/insect/vegetable/vegetable-pests/hosts-pests/broccoli-brussels-sprout-cabbage-cauliflower-diamond-back-moth>



Photo by Dan McGrath



"Window-pane" damage

Clackamas County Master Gardeners (CCMG)

Invite you to the

2017 2nd Quarter OMGA Meeting and Leadership Forum June 2 and 3

SCHEDULE OF EVENTS

Friday, June 2

All Friday activities will be held at
Hopkins Demonstration Forest, Everett Hall
16750 Brockway Rd., Oregon City, OR 97045
For your convenience the doors will be open at 10:30a

11:00a – 11:50a

Owning a Family Forest

Glenn Ahrens, OSU Extension Forester will discuss the basics of operating and caring for a working forest. Glenn is an excellent speaker and we are sure that after his presentation you will have a greater understanding and respect for our beautiful Oregon forests.

12:00p – 12:50p

Hopkins Demonstration Forest Tour

For those interested, a short tour of the Hopkins Demonstration Forest will be available. Clackamas County Master Gardener and longtime Hopkins volunteer, Frank Wille will be your host for this event.
A light lunch will be provided

1:00p – 4:00p

Leadership Forum

Hopkins Demonstration Forest, Everett Hall
16750 Brockway Rd., Oregon City, OR 97045
Snacks and beverages provided

Saturday, June 3

OMGA Quarterly Board Meeting

10:00 – 4:00

Milwaukie Center

5440 SE Kellogg Creek Drive

Building will be open at 9:30

Rolls, tea and coffee will be available

All snacks, beverages and lunch provided by CCMG

Directions:

Hopkins Demonstration Forest

From I-205 take exit #10 to highway 213 south. Travel 7.5 miles to Springer Road; turn left (east). Drive 2 miles to Brockway Road, turn right (south). Follow Brockway Road to the end of the pavement where signs will direct you to the Hopkins Demonstration Forest.

[503-632-2150](tel:503-632-2150), www.demonstrationforest.org.

WATER-WISE WORKSHOP

On May 15th Bryan Stewart from the Chehalis Park and Recreation District explained to a group of about 19 gardeners (Master Gardeners and public gardeners) the history of how the WaterWise Gar-

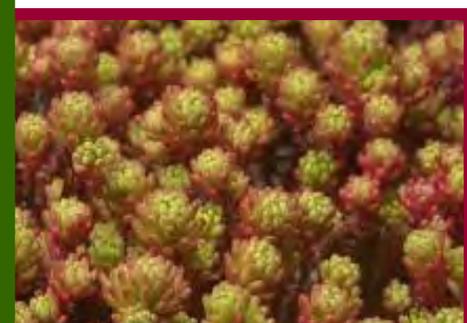
den began in Newberg. Finally, you need to be able to maintain your garden and keep those pesky weeds at bay. Remember there is always something more you can learn.

After our talk Bryan had pots with the wonderful Pro-Gro soil.

We filled the pots with drought-tolerant plants. Everyone went home with a lovely mix of plants.

If you were not able to come to the talk, you can visit the garden on your own. It has great signage to explain the different components of a WaterWise Garden. It is located At 503 Hancock Street (99W) in Newberg, just west of the library on 99W. You've probably noticed the small shelter (photo to the left) with a living roof—a little gem you drive by frequently.

Rita Canales



den began in Newberg.

After an in-depth explanation of the history he went through the steps of a creating a Water-Wise Garden.

The first step is Planning and Design. You need to know what you want to do. So first of all you prepare your soil. Is a turf area needed? Do you really have the right plant for the right place? Remember that you have microclimates and where they are. Design and install well-planned irrigation and use mulches to retain moisture.

CITY OF NEWBERG WATER-WISE GARDEN

The 7 BASIC STEPS for water-wise landscaping

The following steps will help you create a water-wise landscape. Not only does the concept of water-wise landscaping save water, money, upkeep and time, the results are beautiful.

- 1 Planning and Design**
Planning is the most important step to successful water-wise gardening. Lack of planning can result in large amounts of wasted water. Devise a plan and group together plants with similar water needs to create distinct watering zones. Look at the big picture first.
→ How will you use your landscape?
→ How will your landscape use water?
- 2 Compost and Cultivate**
Proper soil preparation is the foundation of your water-wise garden. A good soil mix will absorb and hold more moisture. This will encourage plants to grow deep, healthy roots. A paterson can improve soil by adding organic materials such as compost, peat moss or manure. This important initial step will never be easier to do than before you begin planting.
→ Know your soil.
→ Healthy soil = Healthy plants.
- 3 Create Functional Turf Area**
Grass requires more water and maintenance than other plants. Use turf only for paths and play areas when needed. Select a low water use grass suited to your region. A turf look can be achieved by using plants that demand less water, such as ground covers.
→ Turf requires twice as much water as established drought tolerant plants.
- 4 The Right Plant for the Right Place**
Different plants need variable amounts of water, sun and shade to survive. Choose plants that will thrive when planted in each area. Grouping plants with similar needs together allows you to provide just enough water to keep them healthy. Some plants are more drought tolerant than others and are a better choice for a water-wise landscape. For example, Oregon native plants are suited to our soils and climate. Native plants also save water and attract wildlife.
→ Identify your garden's micro-climate.
→ Select plants suited to these specific areas.
- 5 Water Wisely**
A water-wise landscape does not mean waterless. Efficient irrigation is a critical component in this type of landscaping. A well-planned irrigation system can save water and money. Separate turf areas from other plantings and use an automatic sprinkler system. Trees, shrubs, flowers and ground covers can be watered with low-volume drip irrigation or micro irrigation systems. Water early in the day and under low wind conditions to minimize evaporation. Many plant problems arise from over-watering versus under-watering.
→ Saving water is easy when you think about it!
- 6 The Use of Mulches**
Think of mulch as a sun block and blanket for your plants. Just 2- to 4-inches of mulch will help retain soil moisture, slow evaporation and protect your plant roots from low and high temperatures. Organic mulches such as compost, tree bark and chips add nutrients to the soil as they decompose.
→ Here weeding! Start mulching!
- 7 Keep Up the Maintenance**
Though a water-wise landscape can be designed to be practically maintenance free, it cannot be completely neglected. Key components to a low maintenance garden are: Water wisely, weed routinely, compost/mulch, lightly prune as needed and scout for pests and diseases.
→ Routine maintenance will keep your plants healthy and happy!

LEARN MORE
Additional information can be found in the information packets on the other side of this table. To learn more, contact the Newberg Public Library or visit web sites dedicated to water-wise gardening. The Yamhill County Master Gardeners and Oregon State University can also provide a wealth of information.
→ Keeping your garden knowledge is part of being a water-wise gardener. It's always in something you do!

COMMUNITY GARDEN CLASSES 2017

The Community Garden will be holding classes for MG recertification this summer and early fall. They will be held beginning at 10 AM and will run for 2 hours each. These will be practical lessons and all attendees should wear gardening clothes and bring their own coffee or snacks. We will have bottled water available.

Dates for these classes are:

- Wednesday June 28**
- Wednesday July 26**
- Thursday August 17
 (Heather)**
- Wednesday September 27**

These sessions will focus on the OSU Gardening Calendar with garden examples on how to do organic gardening with practical examples. With over 60 gardens available, we will have many examples of what to do and what not to do in the vegetable garden.

Registration is limited to 15 Master Gardeners but will be open to the Community Gardeners if space is available. Jade will be handling the registration and the cost per session is \$10, payable to OSU Extension.

More information and session outlines will be available as they are developed.

Instructors will be the Community Garden OSU Master Gardeners.

awenner@hotmail.com

Alan Wenner

503-883-9226



20 Raised Beds Built in May in 55 Minutes



Beds covered with Floating Row Covers



**Food Bank Tomato Production
in the Greenhouse**

**OSU IS NOW
"OUT THERE"**

Oregon State University recently paid two publicity companies for a new motto and logo, based mostly on its status as a land-grant university. The "refreshed visual identity" logo contains elements of agriculture, forestry, natural resources, engineering, plus other areas of research. The old logo was from way back in 2003, so clearly had to be replaced. (The athletic team logo of a maniacally hostile beaver will remain the same).

The new logo covers every conceivable element in which OSU is involved. Now on the logo are:

- A beaver as the mascot*
- A stylized map of Oregon*
- A tree and open book representing knowledge*

- Date of OSU founding*
- Three stars for 3 campuses*
- Mountains under stars (both sun & mountains from the state seal)*
- Sun setting over the ocean*

Included is the trendy new motto, "OUT THERE" (which can be taken in many ways). Steve Clark, vice president for University Relations and Marketing, says the two words "Out There" clearly describe the university's "high-quality teaching, grit, determination, confidence, collaboration, vision, conscientiousness and welcoming attitude."

Clark states that this new advertising shows clearly that OSU is "out there in the middle of everywhere." Publicity Firms in Ohio and London were hired by OSU to create the new motto and crest, and Clark emphasized that the \$480,000 was spent from discretionary funds.



[Eric Mortenson](#)

Capital Press

Published on April 25, 2017

THE BEAVER
Our mascot and Oregon's state animal

LAND, SEA, SUN, SPACE
Our Events

WATER
Oregon Coast, Pacific Ocean

TREE
A land of forests

3 STARS
Coville, Bend and Newport campuses, 30th state in the union

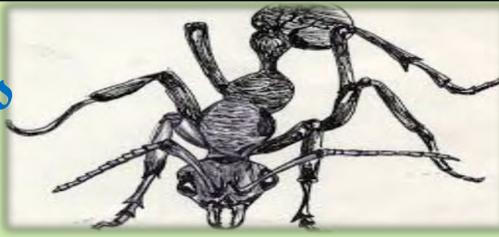
1868
150 years of service

MOUNTAINS
Cascade Range

BOOK
Knowledge, academic excellence

SHAPE
Inspired by Oregon's flag, combines state and university seals

Bob
Grossmann's



Buggy Bits

Why are Insects Small?

Imagine a Ladybird Beetle the size of a Volkswagen "beetle". Imagine a mosquito that is so big it could skewer you with a 2-foot proboscis. How about a carpenter ant that makes tunnels in your house that you can walk through? Impossible, you say?

Also, they have breathing tubules to bring in oxygen that are not nearly as efficient as our lungs. It works for them though, since they are cold-blooded. Warm-blooded animals have a completely different, more efficient, oxygenation system.



Another factor is the 20% of oxygen in the present-day atmosphere. The oxygen was much higher during the Carboniferous age when CO₂ was being used by plants in large quantities and oxygen was being released in high percentages.

But, why are insects so small compared to so many present-day creatures on earth? Even dinosaurs were enormous animals (a lot, lot bigger than elephants) that roamed the fertile fields of the Jurassic period of our earth's history.

First, we need to look at the anatomy of insects. Their blood is copper based rather than iron (hemoglobin) based as ours is. Copper compounds are not as efficient oxygen transfer mechanisms as iron compounds. Next time you squish a "bug", note that there is no red blood, only a clear, goopy, greenish liquid.

Dinosaurs reached enormous sizes later in time, and only could do so with a large supply of oxygen. Some insects reached a very large size in those conditions. Dragonflies had a 30-inch wingspan, centipedes were several feet long and cockroaches up to 18 inches or more roamed the earth.

Exoskeletons (outside skeletons) in insects are very protective structures, but do not easily allow for exchange of heat and cold by an organism. Insects presently need to be smaller to regulate the heating and cooling process

in our present-day environment. The physical attributes of insects have put a limitation on their size.

But, we still have infestations of the small to tiny creatures that affect our agriculture, aquaculture and husbandry. Insects are opportunistic and if a niche is present, they will fill it. This may sound like I am discounting insects as a definite enormous threat! Wait 'till that giant dragonfly swoops you up for its dinner! (Just kidding).

Have a happy spring season and great gardening!!



LADY BIRD JOHNSON'S LEGACY

In April 2017, I visited the Lady Bird Johnson Wildflower Center in Austin, Texas. I was a member of a group of adults from McMinnville touring SW Texas. Lady Bird Johnson,



**Winecup
(*Callirhoe involucrate*)**

(President Lyndon B. Johnson's wife) and Helen Hayes, the actress who was also an avid gardener, co-founded this center in 1980. Lady Bird was an environmentalist before the word was common.

With her influence, President Johnson's administration enacted more than 200 environmental laws including the 1965 Highway Beautification Act, which was called Lady Bird's Bill. He also signed the Endangered Species Act and the Land and Water Conservation Act.

She was a leader of the Com-



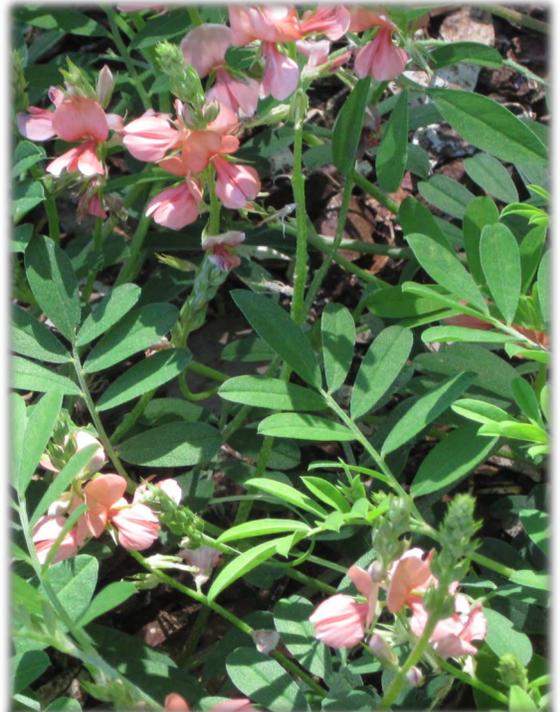
Purple Coneflower (*Echinacea purpurea*)

mittee for a More Beautiful Capital and oversaw the planting of thousands of bulbs around Washington and the replacement of aging cherry trees around the Tidal Basin.

This Center consists of 284 acres of gardens, woodlands and savannas. Its continuing research is extensive. The Center has collected 6 million seeds for the international Millennium Seed Bank project as well as seeds from 8 Texas species vulnerable to extinction. 100,000 plants are grown annually in the nursery. This facility has guided the development of urban and rural landscapes

that incorporate native prairies, green roofs, and solar panels. It has also developed 9 landscape restoration plans for national parks in 5 states.

The state flower of Texas is the Bluebonnet *Lupinus subcarnosus*, which had just finished blooming when we were there. But there were many other wildflowers blooming at the Center and along the major highways. The bus would pull off and we'd all get off and take



**Scarlet pea
(*Indigofera miniata*)**

pictures.

The photos attached are representative of what I saw and enjoyed so much.



**Blanketflower
(*Gaillardia aristata*)**

Nancy

Woodworth





PLANT
Sale
→





Project Name	Discipline(s)	Sponsoring Organization(s)	Website
Vegetable Variety Trials	horticulture	Oregon State University	In development; accepting volunteers
Backyard Bark Beetles	entomology, invasive species	University of Florida	http://www.backyardbarkbeetles.org/
Project Budburst	plant phenology	National Ecological Observatory Network	http://budburst.org/
eButterfly	entomology	Oregon State University	http://www.e-butterfly.org/
Great Backyard Bird Count	ornithology	National Audubon Society	http://gbbc.birdcount.org/
The Hazelnut Project	agronomy	Oregon State University	https://www.arboday.org/programs/
Hummingbirds at Home	ornithology	National Audubon Society	http://www.hummingbirdsathome.org
iNaturalist	biodiversity	California Academy of Sciences	http://www.inaturalist.org/
Community Collaborative Rain, Hail & Snow Network (CoCoRaHS)	climate monitoring	NOAA, Oregon State University	http://www.cocorahs.org/state.aspx?
Forest Pest Detectors	entomology, invasive species	Oregon State University	http://pestdetector.forestry.oregonstate.edu/

What is Citizen Science?

Oregon State University has a number of opportunities for the general public to participate in a variety of citizen science projects. Amateurs (such as we Master Gardeners) and others collect data for specific research projects.

The contributions of citizen scientists are invaluable for many OSU researchers, who benefit from thousands of eyes and ears on the ground, helping collect data on everything from plankton to butterflies.

Some projects that might be of particular interest to Master Gardeners are listed on the facing page. Here are a number of others focusing on different subjects.

- Beached marine critters
- Butterflies
- Seabird monitoring
- Atomic scientists letter transcription
- Oregon birds
- Plankton
- Season Tracker
- Stranded marine mammals
- Weather

New areas of research are being added regularly. Go to this website for the most current information.



<https://citizen.science.oregonstate.edu/>

Donn Callaham



Extreme Topiary

"CRIMES AGAINST NATURE"



Precision Pruning by ODOT (6' tall)

YCMGA Board Meeting Minutes for April , 2017

Meeting called to order by Pat Fritz at 10:02 a.m. on above date.

March and April Secretary's reports: Reports for both months were approved. Linda Coakley motioned, and Nancy seconded it.

Treasurer's Report: Carol Parks has emailed all finished reports, which are now in the Secretary's notebook. One change is a refund due from Peoria nursery, for plants which they could not deliver. The treasurer has talked with our bank, and we will be opening a new type of account for added security. Carol motioned that Randy Williamson be removed from authorized signers (as he has disappeared), and that Pat, Nancy, Rita, and Carol will be listed as signers along with their respective titles. Apryl seconded the motion. Pat motioned that Carol be the "authorized control officer and transaction signer"; seconded by Linda. Sylvia made the suggestion that some funds from the Plant Sale be dedicated annually to capital improvements (or replacement of) the greenhouse at the County Fairgrounds.

President-elects' Report: Nancy Woodworth reported that Rita is in Hawaii and that she had not invited Nancy. The two are helping as they are asked.

Announcements: Graduation will again be held at the Heritage Center, and the cost to rent the facility will again be \$150. Next year it may rise to \$350, depending upon prep needed by Heritage Center staff. The event will be held on November 15, 2017; Heather will resolve any issues for arrangements.

- Master Gardener desk still needs mentors to work with trainees.
- People need to use the electronic signup online, to save excess work for Jade. (MG's can get training for this).
- No need to notify Jade of signups, as she gets emails for every interaction on signup. If emergency cancellation, do call her.
- Pat asked if actual names can be left out of cancellation notices.
- Tara asked if shifts could be listed in longer-than-one-hour increments. The answer was "no" as times overlap and people request many varied shifts. This will be addressed with Tom at the next board meeting (assuming he decides to leave Hawaii).

Education/Outreach Committee: There will be an MG table on July 03 for Edwards Elementary, to help kids plant. For this event, there will be 2 to 4 people needed, for the entire time. Nancy will make a flyer for the event, to publish in our slick monthly newsmagazine. July 16th there will be a clinic at Kraemer's; there will be no "Lunch-and-Learn" in July because of the IMG conference. Nancy motioned and Linda seconded that the July board meeting be on the 19th instead of the 10th. Polly has promised to arrange a field trip to Monrovia Nursery. Date is not yet set, there will be no limit on number of participants, and it will be an "enhanced" and thorough tour by bus. On May 31st there will be an organic gardening class from 10 to noon at the Community Garden. It will be only for recertifying MG's, limited to 15 people, and will occur once per month this summer.

Community Garden: Alan Wenner reported that excess plants from the plant sale are being held to be distributed free to nonprofit groups. (And no, individual MG's do not count as nonprofits no matter how much they lose each year). Irrigation system needs only to be connected; 26 people attended the Saturday work day; 142 containers of lettuce were harvested already this year, and donated; 12 students have registered for "Family Planting Day;" and the number of beds for YCAP will be determined. There are now 31 gardeners renting raised beds (many renting more than 1) and there is still a waiting list for beds.

OMGA representative: OMGA purchased current editions of both the "Pacific Northwest Handbooks" for the YCMGA library. The secretary is to write a short letter to Katherine Johnson, thanking them for this donation. 200 brochures describing our "World Class" Community Garden will be needed for giveaways.

Seed-to-Supper: Some of the classes are now wrapping up. Sheridan will begin corrections classes on July 10th. The prison has its own year-round garden, and all the food they produce is donated to YCAP.

Awards Committee: Polly Blum has nominee applications in for OSU "Behind-the-Scenes," Pat Fritz is being nominated for Yamhill County Master Gardener of the Year, and for "Search for Excellence" the educational plant tags for the plant sale are nominated. The Carl Carlson Award nominee is the Community Garden booklet given to students, plus tools and container gardens to go home with students. At graduation there will also be a tantalizing variety of local awards, all to be announced only at graduation. Offer suggestions by October, 2017.

Propagation Committee: Patti is stepping down from her leadership of the Propagation committee, and Ruth will chair the committee for the purchase of plants for the plant sale. Linda is also stepping down from leadership of the plant sale.

Plant Sale Committee: This year's sale grossed \$24,172 with \$3,000 of that being on Sunday. (Sunday sale will be kept in place). \$2601 was grossed on Community Garden plants.

Greenhouse Committee: Preparations are now being made with the propagation group; Linda will chair this committee.

IMG Convention: According to Sue Nesbitt (soon-to-be president of the organization) 1200 people are now registered, and the tours are sold out as are many classes. She will bring us a description of the bicycle display being built by Becky and Evelyn.

Scholarships: 9 applications for scholarships have been received. \$6,000 has been budgeted, and she would like to have \$1,000 added to that so that every applicant would receive \$1,000. (Wait and keep reading: you'll see why). All types of ag-related sciences (agribusiness, environmental science, etc.) will be accepted on applications, 2.5 g.p.a. required, and the student must be going into higher education in the field. Pat moved to not allow fishery science (as "fish" really stretches the definition of "plants") and to raise the budget to \$7,000 (for the 7 non-fish-related applications), Apryl seconded the motion, and the board voted unanimously to approve both motions.

Newberg Farmers' Market: Carol reported that Peter Steadman has received paperwork and that there will be no farmers' market during the IMG convention in Portland, nor during the month of August. It will be held on Wednesdays.

Policies and Procedures Committee: Pat admitted she has done nothing. Carol Parks will copy the Marion County format, for YCMGA to copy. A policy needs to be formed re: Farmers' Market set-up and take-down right at the beginning. It is random now.

Incorporation update: Our employer identification number has been received from the IRS. Pat has built a book of the process of obtaining incorporation: one copy will be sent to OMGA, one kept in the office with Jade, and one in the Master Gardener office. This shows that though Pat didn't work on "Policies and Procedures" yet, she has been busy and productive nonetheless.

Inventory Status: Response has been rather pathetic, with microscopes, insect box, herbarium cabinet, and \$100+ books (and possibly other items) not yet reported. Donn offered to make up a "Dirty Bird" list of unreported items, which would be published in the *Grapevine*. No one specifically stopped him, and he will make it an attractive condemnation. The theme will be "You Know Who You Are..."

Capital Improvement Fund: The goal of this fund will be to replace the current greenhouse, either where it is now or on other borrowed land. Benches need to be replaced right now, and the hope is to build a new greenhouse in 3 to 5 years. At the end of May Carol the Treasurer will inform us how much money could be set aside from the plant sale each year, and we could probably get donations from the community and/or grants. Step One will be to make a list of improvements wanted. Sue would like to see a complete handicap-accessible demo area in the Community Garden as another capital improvement project. Of course, a committee will be formed, consisting of Pat, Alan, Stephanie, Sylvia, and Linda. Related to this is the fact that YCMGA pays no utilities for the greenhouse: the Fair Board does that. Thus a heated greenhouse in this location would require non-electric heating, or a change of policy.

At 11:23 a.m. Carol made a motion to end the meeting. Linda seconded that, and we didn't even have to vote.



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The Grapevine

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