

## Memorandum

To: Middletown Sustainability Committee

From: Cindy Unangst, Staff Planner

Date: August 8, 2022

RE: **August Green Team meeting agenda for Tuesday, August 16<sup>th</sup> in person and via Lifesize**

**Topic: August Sustainability Committee meeting**

**Time: August 16, 2022 05:00 PM Eastern Time**

**Meeting link**

<https://call.lifesizecloud.com/12429552>

**Passcode**

21769

**Phone**

United States:+1 (312) 584-2401

Meeting discussion items:

1. July meeting minutes approval
2. Green Lecture series with library (Ann) – Mosquito Control talk with Dr. Leisnham to be rescheduled; other talks planned; IPM series?
3. Outreach sub-committee report
4. Website updates (Gene) – terms and conditions disclaimer; connections page;
5. SMC recertification – application submitted June 29<sup>th</sup>;
6. Bee City USA – need to start working on IPM for next year’s submittal
7. Pollinator demonstration gardens – Village of Foxfield eyebrow and circle planting; meadow planting at Remsberg Park; pollinator garden care and watering schedule; Cone Branch Pocket Park pollinator planting.
8. Compost project – bin site at Memorial Park; compost bins available for purchase at municipal center
9. Lunch Out Of Landfills – Ann, Erin and Cindy will be meeting over the summer
10. Tree plantings – tree planting maintenance schedule (see below); Ben Fritton tree planting offer; Cindy applied for tree planting grants for the fall; Silviculture grant for fruit and nut trees (Ann);
11. Tree trails – Bethany, forestry board member, joined us to help with tree id on Cone Branch trail; still stumped on exact species of chestnut and hickory. New trees to add to Wiles Branch tree trail?
12. Tree City USA – Cindy is starting to look into actions to complete for next year’s Growth Award
13. Gift Tree Program – flyer boxes at Wiles Branch Park, Memorial Park and on Cone Branch Trail – please monitor as you frequent those areas

14. Recycling event – during Bulk Trash Day on October 8<sup>th</sup> – metal, textiles, paint cans; MVB shredding event is October 1<sup>st</sup> so we will advertise as week-long event to residents; need to determine location and time for event.
15. Rain barrels – Frederick County Career & Technology Transitional Skills class project?
16. Potomac Watershed Stakeholder meeting – July 21<sup>st</sup> – did anyone attend?
17. Heritage Festival – Saturday, September 24<sup>th</sup> – we will have a table and share it with Kaia Wynne
18. September meeting date – third Tuesday – September 20<sup>th</sup>

**GOALS FOR 2022:**

PLANT <b>100</b> TREES IN 2022 – ✓									
CREATE A TREE GIFT PROGRAM - GOAL OF <b>\$1000</b> –									
QUANTIFY/SHOW PROGRESS ON <b>25%</b> CANOPY BY <b>2025</b>									
HOLD GREEN EXPO - ✓									
SUPPORT MES & MMS LOOL PROGRAM - VOLUNTEER SUPPORT - ✓									
PROMOTE & SELL 20 COMPOSTING BINS –									
PROMOTE & SELL 25 RAIN BARRELS (GRANT REQUEST)?									
EVALUATE & RECOMMEND STREETLIGHT BUYBACK PROGRAM TO TOWN BOARD									
CREATE <b>2 AC</b> POLLINATOR MEADOW NEAR SOLAR ARRAY									
EDUCATION ON STORMWATER PERMIT PROGRAMS									

**FUTURE AGENDA ITEMS:**

- Habitat advisor volunteers

**FUTURE PLANTING AREAS:**

- North Pointe – willow tree and button bushes at thicket (Ann P.); along slope behind houses.

**TREE PLANTING MAINTENANCE SCHEDULE**

**November 8 (Tuesday) 10-11:30am – oak tree pruning at Remsberg Park?**

## Middletown Sustainability Committee Meeting Minutes

**Date: Tuesday, July 19<sup>th</sup> in person and via Lifesize**

**Time: 5:00 p.m. - 6:30 p.m.**

**In Attendance: Cindy Unangst, Ann Payne, Gene Fleeman, Kristin King, Pam McDonald, Bill Spare.**

Meeting Minutes:

1. June meeting minutes approved.
2. Green Lecture series with library (Ann) – July 23<sup>rd</sup> Mosquito Control talk with Dr. Leisnham 11:30am. Outreach—has been announced on the town listserve, in FNP as a press release, and on Facebook. No town officials available for introduction—Ann agreed to do it. We will record the green talk with video and audio and slides—Gene reported that Jessica offered to help integrate the slides and audio. We will let the audience know that we are recording the session and Q&A. Ann let us know that Karen did a press release and let the naturalists know that the session will be recorded—Unfortunately, this may affect in-person attendance. (Unfortunately this event had to be canceled as the speaker tested positive for Covid.)
3. Outreach sub-committee report (Kristin)— Kristin reported on the last Outreach team meeting. The committee discussed giving an HOA a ‘Green Award’ for sustainable practices. Cindy reported that Glenbrook, Middletown Glen, and Foxfield Senior Housing are our three HOAs in town and that Glenbrook golf course did join the Butterflies in the rough program. Kristin shared some ideas for upcoming Green Talks after the Mosquito talk on 7/23. The team also discussed ongoing outreach for current initiatives.
4. Website updates (Gene) – Gene has completed a terms and conditions disclaimer; connections page; New mosquito information page added by Gene. Gene has initiated an IPM page for the web site. Cindy reported she plans on IPM plan for action in the fall.
5. Sustainable Maryland Certified (SMC) recertification – application submitted June 29<sup>th</sup>; Cindy reported 370 points—30 short of silver designation. Cindy learned that she can add some other items from when the town had an energy audit and made some permanent upgrades in the town infrastructure. Cindy suggested a Fall Transplant sale that would also count towards the SMC.
6. Bee City USA – renewal application submitted end of February and Cindy has not heard an update from Bee City yet. The team will need to start working on IPM for next year’s submittal.
7. Pollinator demonstration gardens – Village of Foxfield eyebrow and circle planting—Cindy showed photos of the eyebrow garden as of now and asked about possibility of transplanting some plants from our Memorial Park garden to this garden in addition to Edamarie’s suggestions. Pollinator garden care: Ann noticed that the black eyed Susans have some die-back. Pam will consult with Jame Dillon, native landscaper about the issue.
8. Compost project – bin site at Memorial Park—close to 3,000 pounds collected to date. Compost bins available for purchase at municipal center.
9. Lunch Out Of Landfills – Ann Pond, Erin and Cindy will be meeting over the summer—Schools reopen on August 17 this year. Cindy reported they will be meeting soon to discuss the plans for the school year.
10. Tree plantings – tree planting maintenance schedule (see below); Keep Maryland Beautiful grant application for EarthPlanter trees was awarded – check out the planter trees along Main Street; Ben Fritton tree planting offer stands—need to follow up; Cindy is applying for tree planting grants for the fall—submitted for Maryland Urban and Community Forest Committee—new program \$5,000. In conjunction with MDOT for state roads; also applied for the \$1,000 grant, in case the \$5,000 grant does not come through. Trees will come from Clear Ridge—125 trees requested. Friday, October 21st (schools are out) for tree planting day, if we get the grant. Places to plant trees include the walking path area, stormwater management basins, if we get permission. Two Basins: One at corner of Coblentz and Foxfield Pass and the other at Coblentz and Smithfield. Layla and Hollow Road area was leased to a farmer by the town but is no longer being farmed and would be a good future option for reforestation.

11. Silviculture Grant opportunity-A demonstration garden of fruit and nut trees. Ann reported on this opportunity via the Frederick Multicultural Climate Alliance. We would need to identify property for the garden. Layla Road and Hollow road area is a possibility as 8-10 acres of area are available.
12. Gift Tree Program – flyer boxes at Wiles Branch Park, Memorial Park and on Cone Branch Trail – please monitor as you frequent those areas. Pam reported she has refilled the Cone Branch Trail flyer box again.
13. Recycling event – during Bulk Trash Day on October 8<sup>th</sup> – metal, textiles, paint cans; MVB shredding event is October 1<sup>st</sup> so we will advertise as week-long event to residents.
14. Heritage Festival – Saturday, September 24<sup>th</sup> – we will have a table and share it with Kaia Wynne
15. August meeting date – third Tuesday – August 16<sup>th</sup>

**GOALS FOR 2022:**

PLANT <b>100</b> TREES IN 2022 – ✓				
CREATE A TREE GIFT PROGRAM - GOAL OF <b>\$1000</b> –				
QUANTIFY/SHOW PROGRESS ON <b>25%</b> CANOPY BY <b>2025</b>				
HOLD GREEN EXPO - ✓				
SUPPORT MES & MMS LOOL PROGRAM - VOLUNTEER SUPPORT - ✓				
PROMOTE & SELL 20 COMPOSTING BINS –				
PROMOTE & SELL 25 RAIN BARRELS (GRANT REQUEST)?				
EVALUATE & RECOMMEND STREETLIGHT BUYBACK PROGRAM TO TOWN BOARD				
CREATE <b>2 AC</b> POLLINATOR MEADOW NEAR SOLAR ARRAY				
EDUCATION ON STORMWATER PERMIT PROGRAMS				

**FUTURE AGENDA ITEMS:**

- Habitat advisor volunteers

**FUTURE PLANTING AREAS:**

- North Pointe – willow tree and button bushes at thicket (Ann P.); along slope behind houses.

**TREE PLANTING MAINTENANCE SCHEDULE**

**July 15 (Friday) 10-11:30am– maple tree pruning at Remsberg Park?**

**November 8 (Tuesday) 10-11:30am – oak tree pruning at Remsberg Park?**



# Take the Tour!

## The Young Nature Preserve: A Food Forest in the Town of Myersville

Welcome to the Tour of the Young Nature Preserve! SilvoCulture partnered with the Town of Myersville in Spring of 2022 to design and plant this multi-species food forest across the street from Doub's Meadow Park in Myersville, MD. Scan the QR codes on the signs throughout the Preserve to follow this tour and learn all about the project, the design features, and of course the amazing plant species bringing food, habitat, shade, and lots of other benefits to the park.

This is your landing page for starting the tour! You can click on the links below to learn more about specific features throughout the Preserve, or scan the QR codes on signs throughout the park as you go. Here is the Preserve map, followed by links to each feature, and some background on the Preserve and what food forests are all about!

**YOUNG NATURE PRESERVE**  
 Wolfsville Road & Baltimore National Pike  
 Myersville, MD 21773



- Black Walnut (2)
- Mulberry (10 at 20' sp)
- Hazelnut (20 at 18' sp)
- Goumi (10 at 10' sp)
- Cornelian Cherry (3 at 18' sp)
- Walking Path



- Jujube (3 at 11' sp)
- Flying Dragon Citrus (3 at 10' sp)
- Black Currant (12 at 6' sp)
- Chestnut (55 at 20' sp)  
(2 False Indigo plants/chestnut tree)
- Black Locust (40 at 20' sp  
between chestnuts)
- American Persimmon (10 at 30' sp)
- Pawpaw (10 at 12' sp)
- American Plum (5 at 12' sp)

- Mulberry
- Black Currant
- Flying Dragon Citrus
- Jujube
- Cornelian Cherry
- Goumi
- Hazelnut
- Water-Harvesting Swales

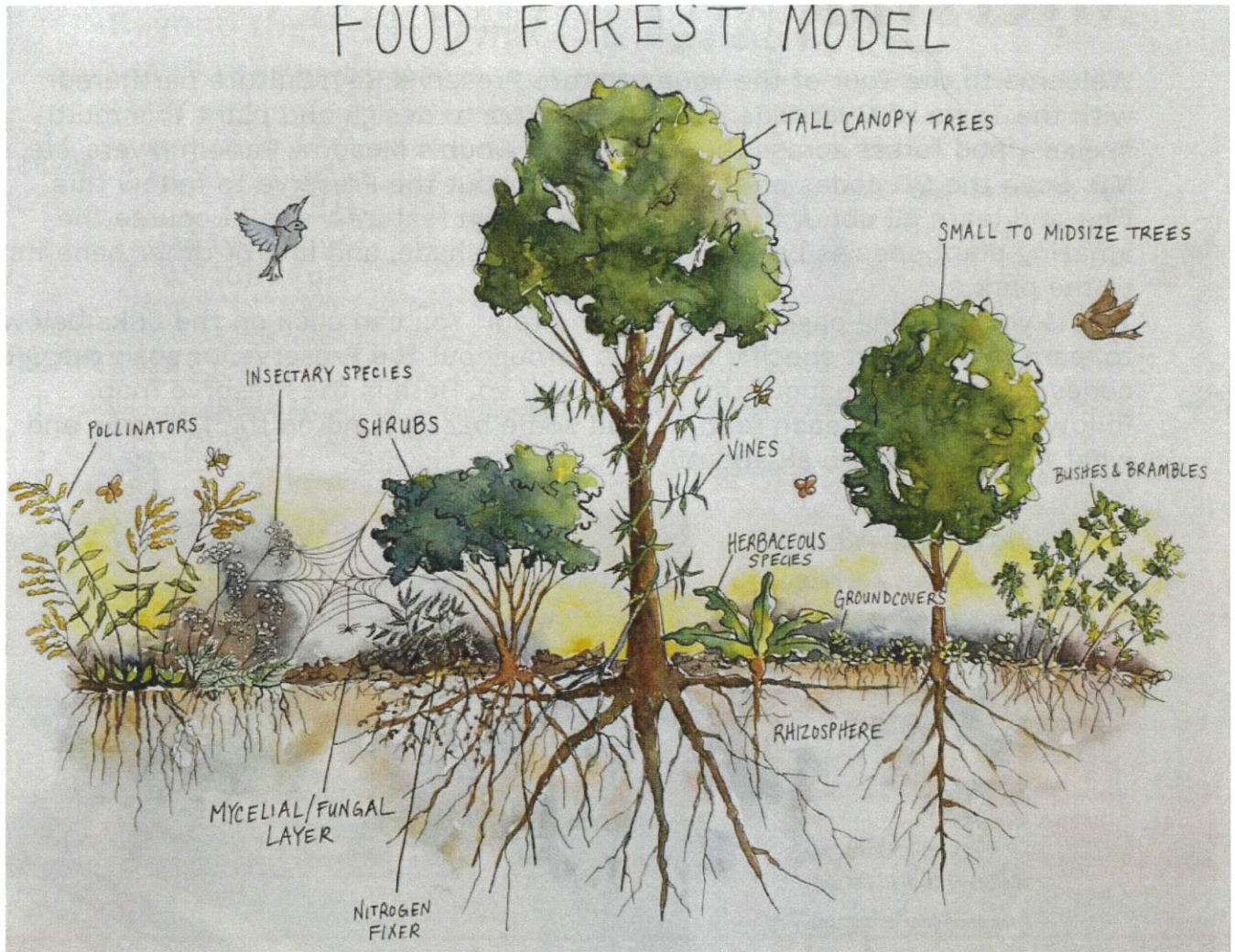


Image from book For the Love of Pawpaws by Michael Judd, illustration by Nicole Robinson





Mark Shepard's farm demonstrating restorative perennial agriculture.  
Photo from [en.hectar.co](http://en.hectar.co)







Photos from [ecologiadesign.com](http://ecologiadesign.com)

[Chestnut](#)

[Black Locust](#)

[False Indigo](#)

[Willow Temple](#)

[American Persimmon](#)

[Pawpaw](#)

[Grafting](#)

[American Plum](#)

### ***So what is a food forest? And why plant one?***

A food forest is a system for growing plants that mimics the structure and relationships in a natural forest. What are some of the differences that you might notice when walking into a forest vs walking into a cornfield? Well, a field of corn only has one type of plant growing in it. It's low to the ground in comparison to trees and looks the same all across the field. It's designed for ease of planting and harvesting with large machines. It's not designed with ecology, diversity, or resiliency in mind.

Now let's take a look at a natural forest in the Appalachian region. A forest has many layers and much more diversity than a cornfield. Starting up high are the canopy trees like oaks and poplars, a layer lower are the understory trees like red maples and dogwoods, followed by large shrubs such as mountain laurel. Then smaller shrubs like blueberries, and herbaceous plants that die back and regrow each year, such as ferns and wildflowers. Then there are the groundcovers creeping around low to the earth, and the fungi popping mushrooms above ground and extending rich mycelial networks among the plant roots below ground. Then you have vines grow up through all the layers. A food forest is an intentionally designed and cared for system that acts like a natural forest in its structure and diversity, but is planted and selected in a way that specifically supports human needs and habitat. Many of the species described above are very supportive of human needs, whether it be for nuts, fruits, mushrooms, wood, medicines, shade, water purification, soil retention, or animal habitat. And they are supportive of each other, some of them fixing nitrogen for other plants to use, some attracting beneficial insects and



pollinators, all building soil for future generations of species. In a food forest, these relationships are taken to the next level by planting the most powerful food-producers, planning for a future with much higher food security. Many of the crops grown in this country are grown in ways that are detrimental to humans and the environment, degrading soils, using harmful chemicals, and eliminating wildlife habitat. Both annual and perennial crops can be grown in much less harmful ways. Many small scale farmers are using excellent organic and natural practices to grow diverse vegetable crops and pastured livestock. Some grain farmers are doing amazing things with no-till and non-GMO growing systems. But we also want to and need to cultivate more diverse perennial systems, which are much more resilient to floods, droughts, diseases, and pests. And that yield us many more benefits per acre, without the use of synthetic fertilizers and pesticides.

The Young Nature Preserve incorporates some of the key species that SilvoCulture recommends for high-producing, low-maintenance, ecologically sound food forests and ecological orchards. In addition, the design includes three swales on contour, which are a form of passive water harvest that sinks rainwater into the soil, preventing soil erosion and creating more drought resiliency.

The Preserve is meant to be a boost for the environment, but it is also a place for humans to find peace, rest, and solace in the natural rhythms of the earth. Please enjoy your time here. Stroll through the rows of trees, pick berries and flowers, have a picnic in the willow temple, play with your children, and walk your dog along the wood-side path. People belong in food forests as much as all of these amazing plants. Enjoy!

Have a question or see something on the tour that you'd like to know more about? Please reach out to us at [info@silvoculture.org](mailto:info@silvoculture.org).



# MIDDLETOWN'S SUSTAINABILITY COMMITTEE


IS SPONSORING A WEEK OF RECYCLING

Starting - SATURDAY, OCTOBER 1<sup>st</sup>

Ending - OCTOBER 8<sup>th</sup> Bulk Trash Pick-up Day

**HELPSY**  
#ClothesArentTrash  
Saturday  
October 8,

**WHAT WE ACCEPT**  
Anything you can wear, sleep in, or dry yourself off with! Any type of of natural or synthetic fibers donated in any condition (torn, worn, stained, missing buttons, broken zippers, etc.) as long as they are clean, dry, and odorless



Saturday  
October 8,




Bring your recycling to

From 0:00- 0:00

Bring your old cans of paint!

Saturday  
October 8,



**YUCK OLD PAINT**



Middletown Valley Bank  
**Shredding**  
Saturday  
October 1,  
in the  
bank's  
parking lot





# 2022 HERITAGE FESTIVAL GREEN TEAM TABLE SIGN-UP

Saturday, September 24th

<b>Time</b>		<b>Number of Volunteers Needed</b>	<b>Names</b>
<b>8:00am - 9:00am</b>	<b>Set-up</b>	<b>3</b>	Cindy Unangst _____ _____
	Set-up table/chairs and arrange hand-outs		
<b>12:00pm-2:00pm</b>	<b>Man table</b>	<b>2</b>	_____ _____ _____
	Man the table after the parade		
<b>2:00pm-4:00pm</b>	<b>Man table</b>	<b>2</b>	_____ _____ _____ _____
	Man the table		
<b>4:00pm-5:30pm</b>	<b>Man table/clean-up</b>	<b>3</b>	_____ _____ _____ _____
	Put table/chairs and hand-outs away		