

Frederick County Beekeeping Association



Vol. 3, Issue 2

www.frederickbees.org

June 2017

CALENDAR

Heartland Apicultural Society
Conference, July 13-15,
2017, Evansville, IN. www.heartlandbees.org.

EAS 2017

University Delaware
July 31-August 4
Newark, DE
www.easternapiculture.org

6th MidAtlantic Organic Honey Bee Convention, Spring

July 15, 2017
Sandston, VA. \$50/one, \$90/
two, info: maohbc.com

CMBA Meeting

*Next Meeting: July 11, 2017.
Sam Ramsey from the van
Engelsdorp bee lab will be
speaking to us about varroa
mite/honey bee interaction.

Field Day - April 29, 2017

Glen Mayers

We had a great turnout of new beekeepers who said the Field Day is exactly what they needed to see. I want to thank Allen Winpigler and Dave Maloney, the only other veteran beekeepers on hand, for helping out. And a special thanks to Allen for allowing us to, once again, invade his hives to see what beekeeping is all about. We were able to go in and see eggs, larvae, capped brood, emerging brood, workers, drones, capped honey, queen cups and finally we got to see a queen. Allen even showed folks how he marks her. Nearing the end of the demonstration, Allen reached in his pocket and found a queen he placed there a couple of days ago. She was doing fine, but because he had her, he showed those in attendance how to make a split.

The weather cooperated perfectly and the food was delicious. I appreciate all that everyone did to make the day go off without a hitch.

Thanks also to Dean Fitzgerald for allowing us to take over his farm for the day.

Next Meeting July 5, 2017

69 Thomas Johnson
Drive



Our State Apiary Inspector Cybil Preston and certified AFB dog Mack

Please register your hive and consider donating to the **Apiary Inspectors Fund**.

Office of Apiary Inspector
Md. Dept. of Agriculture
50 Harry S Truman - Annapolis,
Md. 21401
(410) 562 3434

[Click here](#) to download registration application

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Committee News

2017 Officers:

President: Liz Baker

Vice President: Wes Bowen

Treasurer: Bill Conyers

Secretary: Deb Turnell

Members at large: David Muns
& Darlene Donaldson

Director of Membership Relations:
Dave Maloney

Outreach Committee

Fair is coming up! Check your emails to sign up for shifts.

Science Committee Upcoming Speakers

July- Samuel Ramsey - PhD Student, UMD

Newsletter Committee

FCBA Newsletter published electronically
March, June, September, December

Submissions for content welcome any time.

Eastern Apiculture Society (EAS) 2017

at the University of Delaware, in Newark Delaware

by Timothy McMahon

Have you ever considered taking a “Beekeeping Vacation”? Well now is the time to make your plans as EAS 2017 will be taking place at the University of Delaware in Newark, DE. EAS (Eastern Apiculture Society) is one of the largest noncommercial beekeeping organizations in the United States and one of the largest in the world. Every summer EAS conducts its week long Annual Conference of lectures and workshops in one the 26 member states or Canadian provinces. This year’s EAS conference will be held at the University of Delaware in Newark, DE, from July 31 to August 4. The conference usually brings in about 600 to 800 beekeepers from around the world to attend.



The conference is made up of the Short Course, running from Monday to Wednesday, and the conference proper, running from Wednesday to Friday, with Wednesday the overlap day. Normally about half of the attendees stay the whole week with the other half coming just for the conference. The Short Course will contain classes for beekeepers of all levels and special events such as an open apiary with Langstroth, Warre’ and Top Bar Hives, a microscope workshop on bee anatomy, a Honey Show for you to enter your bee products, and classes on all aspects of beekeeping. The conference proper will consist of over 100 different talks about all aspects of beekeeping including classes on Queen rearing, Mead and Beer brewing and on IPM (Integrated Pest Management).

I first attended EAS several years ago in Boone NC, and the experience was so great that I became a life time member. I’ve not missed an EAS conference since. Every year I go with a set of questions in mind that I then try to find the answers to from the best minds in Beekeeping. You can’t get much better than that. Maybe the best thing about the week-long EAS was that I get to talk “bees” all week long and no one says that they had heard enough (normally my family asks me to shut-up after the first 2 minutes or so). You can find out all about the specific topic covered and how to sign up at the EAS webpage here <http://www.easternapiculture.org/>



I hope to see you there. EAS 2018 is scheduled for Virginia. Come and join the fun!

**FCBA shirts, caps and sweatshirts
are available to order online at:**

<http://mkrdesigns.logoshop.com/>

**When you get to the website search
FCBA for items available
with the logo.**

**If you have any questions contact:
Mary Riesch MKR Designs**

**301-271-2696
mkrdesigns@aol.com**

July Speaker—Samuel Ramsey



FREDERICK COUNTY BEEKEEPING ASSOCIATION



On Wednesday July 5 Samuel Ramsey
will be speaking at our meeting.



About Sammy; he is a PhD student studying in Dr. Dennis vanEngelsdorp's lab at the University of Maryland, College Park; Ramsey tries to maintain a focus on how insect research can benefit the public through development of IPM strategies and STEM outreach initiatives

Samuel Ramsey's enduring interest in entomology started 19 years ago and shows no signs of waning. Ramsey studied entomology at Cornell University as an undergraduate focusing on Predatory/Parasitic insect behavior. His current work focuses on the effects of honey bee parasites on individual and colony level survivorship specifically targeting *Varroa destructor* and it's feeding habits.

Sammy Ramsey's well timed talk
will be on recent research on varroa.

*"Varroa destructor feed exclusively
on the hemolymph of adult and immature
bees"*

That statement is considered to be such an obvious fact that it often goes without citation now in scientific papers. But there is very little if any experimental support for this universally accepted conclusion.



Sammy's project, in partnership with the USDA and Project Apis m, has shown that **Varroa are actually feeding on a very different tissue, the fat body**, leading to a diverse host of pathologies that have never been explained by the hemolymph model. With a better understanding of how this parasite impacts its host we can develop novel forms of control and new methods to remediate the health issues common to infected colonies

Green Fest at Culler Lake



Nissa Fink's daughter Paige (above) was appropriately dressed for Green Fest in her "Bee" attire



Annie Cumberland (above center), Nissa Fink and Katie Alvarez (below, left to right) explained to many interested passers-by all about honeybees.

Ruby Desock Girl Scout Silver Award Project

Ruby Densock presented her outstanding Girl Scout Silver Award project on Saving the Bees to FCBA. Beautiful Presentation Ru-BEE !



Check out some FCBA members favorite sites . . .



Katie Alvarez likes:

***Nancy Nelson's Bee Love Jewelry:
Honeycomb, Heart, and Hive Help***

Deb Turnell likes:

The Bee Photographer



Kit May likes:

***Do You Want to Be a Beekeeper? with
Michelle Carter UNCUT***

Other sites . . . soon to be favorites!



Harbor Sweets

Gather Chocolate Collection

Harbor Sweets Chocolates are hand-crafted in small batches using only the finest ingredients like fresh cream, butter, whole toasted almonds and local wildflower honey. The beautiful imagery of coastal New England is captured in the designs of the chocolates. The beauty of each piece is only surpassed by the fabulous flavors. Harbor Sweets will donate 2.5% of all Gather sales to the Pollinator Partnership to aid in their efforts to preserve and protect our pollinators

Observation Hives

Fountain Rock

By Dave Maloney

Yesterday was a perfect day to dismantle and clean the Fountain Rock observation hive. With park naturalist Monica's assistance, we removed all frames from the hive and put them in a nearby nuc. We cleaned all glass surfaces then restored the bees. The re-installed hive is shown below.

1. The top frame is a shallow of open comb.
2. The second frame is a deep I added from my apiary. Lots of brood of all ages plus adhering bees to strengthen the colony. I added it right in with a little smoke. No fighting.
3. The third frame is the original deep on which the queen had laid baseball patches of brood on either side.
4. The fourth frame is actually the medium frame we had in the hive originally. We had let them draw comb down from the bottom bar as a demonstration of how bees draw comb. Visitors really enjoyed learning how bees draw lobes of comb naturally. But in order to fit it into the fourth position, we trimmed excess comb off the bottom of the comb and put the frame in the bottom most slot which is designed for a deep frame.



Earth Space and Science Lab (ESSL)

Most recent swarm of the ESSL was April 28th. During this swarm it was witnessed the queen crawling around on the outside of the cluster, taking flight and then crawling back into the center. As of May 30, the hive is full of honey, brood and bees. The queen is currently laying in the bottom frame. It is expected another swarm by this time next month. It was decided to let the hive operate as it would in nature so the queen is left unmarked and rather than work the hive by adding empty frames ESSL looks forward to the excitement a swarm brings. Anyone passing along outside during a swarm is educated about the docile nature of the bees at this time.



Recipes using Honey . . .

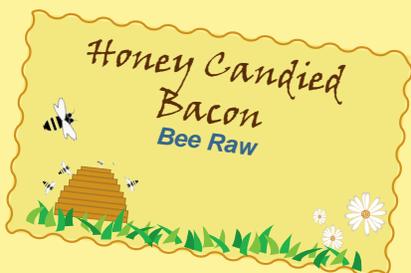
Honey Candied Bacon

Ingredients

- 1 lb. Dry cured bacon, sliced
- 2 tbsp. Orange Blossom Honey (Or, Maple Honey)
- ¼ c. Light Brown Sugar
- 2 tsp. Dijon Mustard
- ½ tsp. Kosher Salt
- ¼ tsp Cayenne Pepper

Directions

- Preheat the oven to 350°F.
- Cover a rimmed baking sheet with aluminum foil. Top with a wire rack.
- In a large bowl, add the honey brown sugar, Dijon mustard, Kosher salt, and cayenne pepper. Mix well.
- Add the bacon to the bowl and toss gently with your hands.
- Place the bacon in a single layer onto the wire rack and bake on the center of the oven.
- After about 20 minutes the bacon will begin to brown, but will likely need to bake for another 10-15 minutes. The bacon is done when it is dark brown, but not burnt. If you take the bacon out too soon it will be chewy, and not candied. Resist the temptation to pull the bacon out before it is finished.
- Remove from the oven and cool for 5 minutes on the rack. When the bacon is cool enough to handle, transfer it to a plate.
- Leave the bacon whole or break it into pieces... either way it's delicious!
- Serve at room temperature.



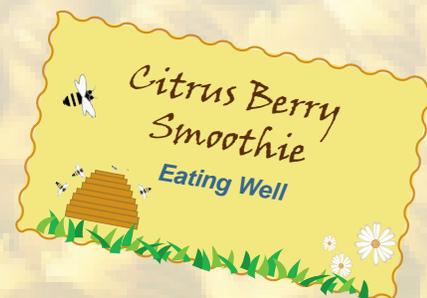
Citrus Berry Smoothie

Ingredients

- 1¼ cups fresh berries
- ½ cup orange juice
- 2 tablespoons nonfat dry milk
- 1 tablespoon toasted wheat germ 1 tablespoon honey
- ½ teaspoon vanilla extract

Directions

- Place berries, yogurt, orange juice, dry milk, wheat germ, honey and vanilla in a blender and blend until smooth.



News & Resources

Organic and Neo-Nic-free seeds, plants and trees

Niche Gardens

Southern Exposure Seed Exposure

Ernst Conservation Seeds

High Mowing Organic Seeds
(seed packets also sold at Wegmans)

Prairie Moon Nursery

Pollinator-Friendly Seeds and Nursery Directory Growing plants to protect managed and wild bees, butterflies, birds and other pollinators



The bee collects honey from flowers in such a way as to do the least damage or destruction to them, and he leaves them whole, undamaged and fresh, just as he found them.

~Saint Francis de Sales

brainyquote.com



Do you know this pretty yellow flower?

All parts of this plant above the ground are edible. The plant is an Oxalis or Wood Sorrel that contains oxalic acid. Check link [here](#) for more information.

Drone Comb, Not Just for Chickens?

Check out article in *Technologies and practices for small agricultural producers* --Submitted by Darlene Donaldson



OFFICERS

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