



# The Beeline

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## President's Message

*by Allen Hayes*

What a busy year my first year as MSBA President has been. Most recently there have been numerous county fairs 4H Fairs, the State Fair and festivals through our state. These are great places to talk to the public about bees and beekeeping. Folks are always curious and ask: "How are the bees doing?"

Once again, MSBA partnered with Brookside Gardens and Nature Center to have another Honey Harvest Festival, held in conjunction with their annual Children's Day. This year the weather co-operated and the crowd was exceedingly large. This event would have not been as successful had it not been for the hard work of many MSBA members and especially the dedication of Lindsay Barranco. Her attention to detail made this event one of the best ever. We all owe Lindsay our gratitude. Next year we will be hosting this event on Saturday September 16, 2017 from 11:00 AM until 4:00 PM. Lindsay has notified us that she is unavailable to co-ordinate the HHF next year so an opportunity exists for one of our members to step up and volunteer to Chair the HHF Committee. The Brookside staff does at least half of the work promoting and organizing this event. The recent competition of a new parking lot at Brookside Nature Center made things so much easier this year!

There was a lot of enthusiasm for our first ever honey show judging class. The class was taught by Maryland Certified Judges Lindsay Barranco, Bill McGiffin, David Morris, Cybil Preston, and Bart Smith. In addition, Kristina Zaal presented a section on refractometers. The Atago Company lent us several different refractometers for the class. Several nationally known experts have graciously given us permission to use their articles. Specifically Wyatt Mangum, John Grafton and Jim Thompson shared files on Polariscopes (a.k.a. "polarizers"), refractometers and Honey Show Judging. Much of this information is now posted on the MSBA web site. We owe these folks our gratitude as well.

I am very pleased to announce that Kent Williams is making the trek from Western Kentucky to be the keynote speaker at our Fall 2016 Meeting at the Maryland Department of Agriculture in Annapolis. I have known Kent for over ten years and have always enjoyed listening to him speak. His knowledge and easygoing manner is sure to be a hit. I first met Kent in the apiary at EAS when he gave me the field exam for the Master Beekeeper test. I was able to keep my smoker lit and I must have convinced him that I knew something because he passed me. Please don't hold that against him.

## News from the Apiary Inspectors

*Cybil Preston, State Apiary Inspector, MDA  
Phone 410-841-5920, Fax 841-5835, Cell 410-562-3464*

What a dry fall! Bees are hungry and mite issues were through the roof. Spotty brood patterns and deformed wings abounded this Fall. I am seeing some Fall crashes by end-October. Also colonies with no brood or very spotty brood, no stores or very little along with high mite counts based on sugar roll tests.

**New Antibiotic law:** On Jan. 1, we expect that certain antimicrobial drugs of human medical importance will change from over-the-counter (OTC) to Veterinary Feed Directive (VFD) for drugs approved to be administered through feed, or to prescription (Rx) status for drugs approved for administration in water. Buying the drug alone does not change whether you will need an Rx or a VFD, the use it is approved for (i.e. in feed or in water) determines which you will need to obtain the drug. Drugs that have either a prescription or veterinary feed directive marketing status may only be used under the oversight of a vet. **We understand that products approved for use in honey bees will be involved in this transition**, including oxytetracycline (Type A medicated article) which will transition to VFD. Tylosin (soluble powder) has already transitioned to Rx. CVM has also approved lincomycin (soluble powder) for use in bees. Below are links to listings of affected drugs:

- Drugs Transitioning from Over-the-Counter (OTC) to Prescription (Rx) Status: <http://www.fda.gov/AnimalVeterinary/DevelopmentApprovalProcess/ucm482106.htm>
- Drugs Transitioning from Over-the-Counter (OTC) to Veterinary Feed Directive (VFD) Status: <http://www.fda.gov/AnimalVeterinary/DevelopmentApprovalProcess/ucm482107.htm>

*Question: Will a County or a State Inspector be able to write the Inspection form indicating that an antibiotic is needed, can the beekeeper take that to a vet or a supplier to obtain the antibiotic, avoiding the need for the vet to visit the apiary?*

**Answer:** No, in order for a vet to write a lawful VFD, the issuing vet must 1) be licensed to practice veterinary medicine, and 2) be operating within a professional practice and in compliance with all applicable licensing and practice requirements, including issuing the VFD in the context of a veterinarian-client-patient relationship (VCPR). If applicable VCPR requirements do not include the key elements of a valid VCPR as defined in § 530.3(i) of this chapter, the vet must issue the VFD in the context of a valid VCPR as defined in § 530.3(i) of this chapter (21 CFR 558.6(b)(1)). Here's a link to determine if the State or Federal VCPR Definition applies to a Lawful VFD in MD: <http://www.fda.gov/AnimalVeterinary/DevelopmentApprovalProcess/>

[ucm460406.htm](http://www.fda.gov/AnimalVeterinary/DevelopmentApprovalProcess/ucm460406.htm) The vet may consult with a County or State Inspector as well as having a VCPR with the beekeeper. To establish or maintain it, the vet will likely need to visit the apiary initially and periodically. MDA, The Beltsville Bee Lab and UMD will be offering a seminar in February to educate vets on Foulbrood and stress issues. All will be covered in more depth at the meeting.

In the National Honeybee Survey we are looking for participants for Spring 2017. Must have 8 colonies in the same location to participate. So far results have shown positives for deformed wing virus, chronic paralysis virus and Lake Sinai virus.

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### UPCOMING REGIONAL EVENTS

**Maryland State Beekeepers Association Fall Meeting and Honey Show**, November 12, 2016, Kent Williams, Master Beekeeper and Past EAS Pres, keynote. 8 to 4.

**PA State Beekeepers Annual Conf.**, Nov. 11-12, Mark Winston, Keith Delaplane, keynotes. Best Western Inn, Lewisburg, \$45 for both days, [www.pastatebeekeepers.org](http://www.pastatebeekeepers.org)

**Delaware Beekeepers Assoc. "Beekeeping 101 Intensive"**, Jan. 21, 2017, Wesley College, Dover, DE. Fee TBA (last year \$50), email [debeekeepers@gmail.com](mailto:debeekeepers@gmail.com)

**Philly Beekeepers Guild 2017 Natural Beekeeping Symposium**, February 4, 2017, Temple University, more soon at <http://phillybeekeepers.org/event/2017-natural-beekeeping-symposium/>

**Maryland State Beekeepers Association Winter Meeting**, February 11, .8:00 AM to 4:00 PM, Howard County Fairgrounds, West Friendship, MD.

**Western PA Beekeeping Seminar**, Feb. 17-18, Monroeville, PA. Dr. Roger Hoopingarner, Elizabeth Hill, more. \$55 for seminar, \$75 for course, Registration opens in December at <http://extension.psu.edu/beaver>

### Other Upcoming Events:

**American Beekeeping Federation (ABF) Conference**, Galveston, TX, Jan. 10-14, <http://nabeekeepingconference.com/>

**10th Annual Treatment-free Beekeeping Conference**, Michael Bush, Don Downs, Dee Lusby, More. Oracle, Arizona, March 3-5, 2017, [www.treatmentfreebeekeeping.org](http://www.treatmentfreebeekeeping.org)

**Heartland Apicultural Society Conference**, July 13-15, 2017, Evansville, IN. [www.heartlandbees.org](http://www.heartlandbees.org).

**Eastern Apicultural Society Conference and Short Course**, July 31-August 4, 2017, University of Delaware, Newark, DE. <http://www.easternapiculture.org/conferences/eas-2017.html>.

**Maryland State Beekeepers' Association Fall Meeting  
November 12, 2016**

**Maryland Department of Agriculture, 50 Harry S Truman Parkway, Annapolis**

8:00 am	Refreshments, Coffee, Donuts, etc.	
9:00 am	Opening and Welcome	Allen Hayes, President
9:15 am	Maryland Apiary Inspector's Report	Cybil Preston, Maryland State Inspector
9:30 am	Reducing Chemical Dependency: Feasible or Not?	Kent Williams, Master Beekeeper, Past Pres. EAS and Kentucky State Beekeepers
10:30 am	Zika and Pesticide Use in Maryland: Planning for 2017	Tracy Velasquez, VP, Bowie-Upper Marlboro Beekeepers Assoc. (BUMBA)
10:45 am	EAS 2017 Coming to Delaware!	Tim McMahon, MSBA EAS Director
11:00 am	Planting for Honeybees and Other Insects	Marie Rojas, UMD Extension
11:45 am	Lunch	
1:00 pm	Queen Rearing Techniques	Kent Williams, Master Beekeeper
2:00 pm	MSBA Elections & Treasurer's Report	Debbie Hewitt, Nominations Committee Bob Crouse, Treasurer
2:30 pm	George Imirie Education & Freestate Beekeeper Citizenship Awards Presentations, MSBA Honey Show Results	Allen Hayes, President Honey Show Judges
2:45 pm	Varroa Mites: What Are They Really Eating? Latest Insight on Their Impact on Our Bees	Dr. Samuel Ramsey, Researcher UMD/BeeInformed Partnership
3:30 pm	Ask Expert Beekeepers Your Anonymous Questions	Panel Discussion
4:00 pm	Adjourn	Allen Hayes, President

**Directions to the Maryland Department of Agriculture**

Take Route 50 towards Annapolis. Take Exit 22 (Route 665) to Riva Road. Follow the exit in the direction of Riva Road South.

Continue 4/10 miles to Harry S Truman Parkway and turn right at the light.

Go straight 1.2 miles to 50 Harry S Truman Parkway; the Maryland Department of Agriculture building is on the right. Look for yellow "BEE MTG" signs and the cows at the entrance to the drive. Take the second entrance. You may park in the lot. Enter at the front of the building: meeting is one floor down in the auditorium.

**Maryland Department of Agriculture  
Headquarters Building  
50 Harry S Truman Parkway  
Annapolis, MD 21401**



## Fall 2016 Meeting to Feature Kent Williams, More

Kent Williams has been keeping bees for about 28 years, and has been a valuable speaker and teacher for most of that time. He manages 800 or so colonies in western Kentucky. He rents bees for pollination, produces some 15,000 tons of honey annually, raises several thousand queens, and produces nucleus colonies for local beekeepers.



A past EAS President, Kent is also past president of the Kentucky State Beekeepers Association and president of the Lake Barkley Beekeepers. Kent not only teaches a 4 day beekeeping class on his farm every year, he also teaches a semester-long course on honey bees and beekeeping at a local college.

Kent comes at his talks from a beekeeper-friendly and informed point of view, supported by years of participating in and even trying out the latest scientific advice of the day. Among other accomplishments, he manages all of this while also (rare for a beekeeper) holding a honey supply contract with a major local supermarket.



Dr. Samuel Ramsey's enduring interest in entomology started 19 years ago and shows no signs of waning. 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. 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 *Nosema ceranae*.



Marie Rojas is a new speaker to us, but has been contributing to the beekeeping—and

pollinator—community long before this. Marie has been providing Integrated Pest Management services for nursery growers and homeowners through her company, Borders & Butterflies, for over 18 years. She serves on several green industry boards, including the Environmental Program Advisory Committee for Montgomery County Public Schools, and has been a Montgomery County Master Gardener since 1994.



Tracy Velasquez is a long time member and current Vice President of the Bowie-Upper Marlborough Beekeepers Association. Among so much that she does for BUMBA, she has recently pursued research, including face to face meetings, concerning how

mosquito and pesticide spraying is planned and communicated in Maryland. Her talk will concentrate on the outlook for 2017 and how beekeepers might want to plan for it.

Tim McMahan is MSBA's Eastern Apicultural Society Director (our representative at EAS) and President of the Montgomery County Beekeepers. Tim is an avid beekeeper and student of native and non-managed pollinators, including those in Latin America. Tim was the 2015 recipient of MSBA's George Imirie Award for Beekeeper Education.



**Illustration from the Aberdeen Bestiary, c. 1200**  
*"Bees make honey and skilful hives."*



## 80th Annual MSBA Honey Show: Enter, Volunteer!

### *Have Fun and Win Prizes!*

What is fun, financially rewarding, and makes you a more skillful beekeeper? Honey shows like those that light up county fairs and, yes, our final meeting of the year. As an association, we have been adding resources, holding classes, and changing the format of the show to benefit both participating beekeepers and those who can learn from seeing the results of their (and their bees') labors. Please enter (the entry form rules are available on our website at [www.mdbeekeepers.org/honeyshow.html](http://www.mdbeekeepers.org/honeyshow.html) and on pages 10-13 of the e-edition of this newsletter.

Though many of us see honey, and other hive products, as a sideline to a true love of bees and the practice of beekeeping, they are an important tool for skill building and connecting with the public.

MSBA has several goals for our Honey Show. These include building its relevance to members as an opportunity to learn; creating more rewards for the pursuit of excellence in beekeeping; expanding interest

and commitment in apiculture by new beekeepers and youth; and fitting this more smoothly into all the business we conduct at our final meeting of the year.

Honey shows, whether at summer fairs or association meetings, are an opportunity to teach and to learn about the skills of applied beekeeping. The closest much of the public will get to a hive is using a product which we have harvested from it, and honey shows are the most precise, balanced, and informed method for judging skills and progress against your peers. We all know what a fabulous job the bees do: this is our opportunity to show the care and craftsmanship we put in the picture.

The honey show prizes not only offer a cash incentive but many enjoy the ribbons and recognition even more! We want to make this show more accessible to youth who may become interested in bees, and newcomers to the community who may not yet be "hooked" by the rewards of beekeeping. Please enter!

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## Central Maryland Beekeepers Receive Prestigious Environmental Award

### *Work on Pollinator Protection Act to Restrict Neonics*

The Maryland League of Conservation Voters awarded the Central Maryland Beekeepers Association its John V. Kabler award on October 13 in recognition that "The "beeks" played an important role in Maryland becoming the first state in the country to pass restrictions on consumer use of toxic neonicotinoid pesticides, which harm bees, birds, butterflies, and other wildlife." Established in 2001, the Kabler Award is presented annually

to Maryland's most outstanding environmental leaders and organizations. Motivated to act on behalf of the environment in the wake of the Three Mile Island crisis in the late 1970s, John Kabler inspired a handful of his environmental colleagues to become active in political campaigns. CMBA joins Barbara Mikulski, Maryland's Chesapeake Waterkeepers, and Chris Van Hollen, among other leaders in local environmental protection.

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## "I'm a Maryland Beekeeper" T-Shirts Return

### *Available for sale at Fall Meeting*

Since first offering MSBA t-shirts in 2014, many members have reported that the "MD Beekeeper" shirts have been valuable to individual and club activities. We sold 200 of them then, and have ordered 100 more. They are being offered for the same price—\$15—with a \$4 shipping charge if ordered online. Purchase (with no shipping charge) will be available at the November 12 meeting. To buy online, visit [www.mdbeekeepers.org/tshirts.html](http://www.mdbeekeepers.org/tshirts.html) They are 100% cotton t-shirts (see illustration, right) in sizes S-M-L-XL-2XL-3XL-4XL, with limited numbers available in each size.

If you would like to reserve a shirt for pickup at the meeting, please email [msba@mdbeekeepers.org](mailto:msba@mdbeekeepers.org) with your desired size. We will let you know if it is still in stock at order time. T-Shirts will only be held until the lunch break, however. .



# EAS 2016 in New Jersey Huge Success

by Timothy McMahon (EAS Director for Maryland)

Another year has come and another fantastic conference for EAS (Eastern Apicultural Society) was had in Stockton NJ. This year's conference was held the last week of July in southern New Jersey and had over 600 in attendance. Maryland had 61 people in attendance, which is not bad, but I hope we can do even better next year when EAS 2017 will be held at the University of Delaware.

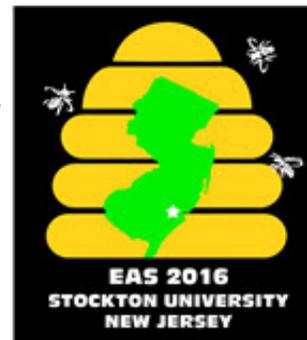
The EAS conference is a week long and this year had 135 different sessions, some in the classroom and some in the beeyard. There were queen rearing classes, microscope courses, Apitherapy classes, Varroa mite testing and Varroa mite treatment courses and much more.

The main keynote speakers were Dr. Dennis Van Engelsdorp from UMD, Dr. Medhat Nasr from Ontario Canada, Dr. Jeff Pettis from the USDA, Jon Zawislak from the University of Arkansas and Dr. James Frazier from Penn State. The program of classes was arranged by Dr. Dewey Caron, who was previously an Extension Officer in Maryland. In the bee yard, queen rearing classes were held, along with many other demos such as capture of a swarm (artificially produced from packages for the demos), inspection demos and different hive set ups. EAS has the largest Master Beekeeper program in the

US. Each year, EAS holds testing for Master Beekeepers over a two day period. This year 10 candidates passed, including Maryland's Larry Truchon of Carroll County. Hopefully we can add even more EAS Master Beekeepers from Maryland at next year's conference!

There are also multiple social events each night to allow beekeepers to mingle and spend time doing what we love best: talking about our bees. Also there are normally outings and this year was no different with all day outing to a local commercial beekeeping operation called "Harvey's Honey," a bus trip to Atlantic City, an extensive Honey Show, a live auction and a closing banquet. Also not to be forgotten were the numerous vendors at the conference, 34 in total including Dadant, Brushy Mountain, Rossman, Mann Lake, BetterBee and many more.

Next year, EAS 2017, will be held at the University of Delaware from July 31 to Aug. 4, I hope to see you all there. More information about EAS and the conferences is at [www.easternapiculture.org/](http://www.easternapiculture.org/).



## Maryland's Newest Master Beekeeper

Congratulations are in order! Maryland has a new Master Beekeeper this year. Larry Truchon of Carroll County has passed all his tests for EAS Master Beekeeper at EAS 2016 in Stockton, NJ. The EAS Master Beekeeper program is the oldest in the country and by far the largest with over 160 total Master Beekeepers. Larry was one of 27 taking part in the EAS Master Beekeeper exams this year. 18 candidates took the 4 part test for first timers: 5 passed all four sections. We also had 9 candidates taking at least one section for again, of which 5 passed

making a total of 10 new EAS Master Beekeepers this year. The exams are a set of four very rigorous tests over two days. There is a written, lab, field and an oral exam. Candidates must score 85% on a section to pass, and if all four are passed, the candidate is awarded the title of EAS Master Beekeeper. Any section that a candidate does not pass can be retaken. For the candidates taking the exams, the two days are very trying. After finishing the last exam, it's all you can do not to collapse!

Larry Truchon is the VP of the Carroll County Beekeepers' Association and has been keeping bees for over 7 years. He also rears queens and overwinters nucs as part of his operation. Larry started studying for his exams over a year ago and 6 months ago joined a study group preparing for the exams. Larry has given talks at many local beekeeping clubs on rearing queens and raising nucs. All that preparation has clearly paid off as not many people pass all four exam sections on their first try. We wish Larry all the best in his beekeeping endeavors and know that we will be seeing him at many of our meetings helping us all be better beekeepers.



Left: This year's new EAS Master Beekeepers, along with Dr. Dewey Caron (second from left)

**Honey Festival Report 2016:****Ninth Annual Honey Festival at Brookside Gardens**

By Lindsay Barrance

The MSBA Honey Harvest Festival was held on Saturday September 17th 2016 from 11 a.m. to 4 p.m. at Brookside Gardens and Nature Center (spanning two areas). It was held in conjunction with Brookside's annual Children's Day, which brought out at least 2000 visitors from across the area. The Festival merges MSBA educational goals with those of a recognized leader in nature education, and has been a fruitful partnership for the past few years.

The event took place across two facilities: the Gardens themselves, and the Nature Center complex.

On the Brookside Gardens side, an impressive range of offerings were in place. There were vendors/displays including the "Pollinaterps" Insect Club from the University of Maryland, with insect boards and games (lawn area); McDaniel Honey Farm (led by MSBA's own Steve McDaniel) offering honey and beeswax sales; The Honey Bee Secret (Germy El Geziry) with lip balms and creams/lotions; an Etzy beeswax product seller; Live Bee Demos under a screened tent that were manned by MSBA volunteers; various pollinator games and craft activities sponsored by Brookside Gardens; an all gourd band (music), and two food trucks!

On the Nature Center side, which is geared more toward environmental education and meeting spaces, there were the following: Hope Honey Farm farm, another MSBA member-owned business founded by Maggie Mills, which sold honey and beeswax products; MSBA's own Honey Sales manned by Montgomery County beekeepers; Honey extraction demo by MSBA members; Club displays from Anne Arundel, Montgomery County, and BUMBA; Crafts activities outside on the deck; and games and cider press!

MSBA had approximately 15-17 volunteers spanning the two areas. Brookside also had volunteers to man the craft areas and the activities with pollinator themes. We

did not hold an auction this year, since last year it was a bit difficult and it interrupted the crowd flow in the extraction area.

Since we were planning the event with Brookside and had assistance with advertising through the Montgomery County Park and Rec website and fliers, we saved money on event advertising again. They prepared a flier that was distributed by both organizations.

In addition, Brookside got the message out to 35,000 people via their Facebook page and had many "likes" and a rough count on attendance. The 2 large MSBA Honey Harvest Banners were on location at the Gardens and Nature Center entrances since early August 2016. Event notices was also posted online on the *Baltimore Sun* website and Maryland Farm Link email list serve and to all Maryland Beekeeper Associations.

We used a simple registration form for vendors and asked for a fee of \$25 each. We had three vendors in the end and made \$75.00.

Organizers were able to use supplies from previous years (tent for live bee demo, borrowing of demo extractor from Anne Arundel Beekeepers Association) and had minimal expenses for water bottles, and signs (which were donated to the Festival). The only expenses were for volunteer lunches.

Why go into this detail? The Honey Harvest Festival is MSBA's only outreach to the general public, and on a cost-neutral basis it has reached thousands of people over the years. More than 10,000 Marylanders have participated since 2008 when it was founded in honor of the 100th anniversary of the founding of MSBA. Like all successful projects, its leadership has changed over the years, and MSBA wishes to thank Lindsay Barranco for her help this year and last. We are seeking new volunteers to help organize the Tenth Annual Honey Harvest Festival in 2017, and invite you to write [msba@mdbeekeepers.org](mailto:msba@mdbeekeepers.org) with your interest and ideas.



Far left: MSBA Honey Sales staffed by MCBA  
Left: Allen Hayes Poses as a beekeeper at the Photo Board



Left: Brian Hagenbuch and Pam McFarland from AABA

Right: Carl Guerci from AABA in the live bee demo tent



### MSBA OFFICERS & DIRECTORS:

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WYE RIVER BEEKEEPERS ASSOCIATION  
Contact: George Meyer, BeeGeorgehoney@hotmail.com

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Cybil Preston (410) 562 3434, cybil.preston@maryland.gov

**MSBA HOME PAGE:** www.mdbeekeepers.org, webmaster@mdbeekeepers.org  
If your dues are not current, please pay them at the next meeting or mail to:  
MSBA Treasurer, Robert Crouse, 1606 Dogwood Lane, Bel Air, MD, 21015.  
Note: we can only accept dues payments for a single year.

## THE BEELINE

c/o A. Burnham  
318 12th Street NE  
Washington, DC 20002



*Address corrections requested*

**Using email saves MSBA more  
than \$2,000 per year.  
Can we have your address?**

## Beekeeping News Notes: Summer-Fall 2016

### Federal Drug Administration Policy And Rule Change May Require Prescriptions For Hive Treatments

First announced three years ago, the FDA has published rules to take effect Jan. 1 that require a veterinarian prescription for antibiotics in animal (including bee) feed. Considerable discussion over apicultural application of these rules continues to take place, though FDA appears to be holding fast to and across-the-board position. At a recent Virginia State Beekeepers Association meeting, State Apiarist Keith Tignor indicated that efforts to have bees re-classified as “small animals” (not included in the policy) are being made. More at [www.beeeculture.com/do-i-need-a-vet-for-my-bees/](http://www.beeeculture.com/do-i-need-a-vet-for-my-bees/)

### Seven Bee Species Added To Endangered Species List

On September 30, the [Fish and Wildlife Service announced](#) that seven species of Hawaiian yellow-faced bees have been added to the endangered species list, the first US bee species to earn federal protection. The status “will allow authorities to implement recovery programs, access funding and limit their harm from outside sources,” as Gregory Koob of the Fish and Wildlife Service told The Associated Press. He added that “all federal agencies must consult with the Fish and Wildlife Service when interacting with endangered species.”

### Varroa Mite Control Ineffective Unless Broodless?

A Slovenian/USDA study in the [Journal of Apicultural Research](#) found that consecutive Thymovar® (thymol) or oxalic acid treatments in colonies with brood have a limited effect on reducing varroa mites. The scientists applied 5 treatments over the season and calculated their impact on overall mite numbers in the colonies. “We may conclude that exploiting the broodless period, together with the integrated combination of different treatments can ensure an effective means of controlling varroa, ensuring colony survival during the long winter period.”

### Bees Take Longer To Learn Floral Odors Polluted By Vehicle Fumes

In a Sept. 30 presentation to the International Congress of Entomology titled [“Making scents of urban pollination: Does air pollution alter honey bee memory?”](#) Ryan Leonard of the University of Sydney asserted that vehicle exhaust contributes significantly to air pollution in cities and may impair the detection of key odors used in insect-plant interactions. Using appetitive olfactory conditioning, scientists found that it takes significantly longer for bees to learn a polluted odor and, despite attrition of all odor memories over time, bees forgot polluted odors faster than unpolluted ones.

### Road Mortality Potentially Responsible For Billions Of Pollinating Insect Deaths Annually

Scientists from Laurentian University and Macquarie University have documented [road mortality of pollinating insects](#) along a stretch of highway in Ontario, and used the findings to extrapolate expected levels of road mortality across a number of landscapes, demonstrating potential for loss of hundreds of thousands to hundreds of billions of Lepidopterans, Hymenopterans and pollinating Dipterans each summer.

### Bayer Agrees to First-of-its-Kind Accord On Pesticide Ads

[From Bloomberg/BNA:](#) Global pesticide manufacturer Bayer CropScience LP will pay Massachusetts \$75,000 and change its advertising practices to settle allegations that it misled consumers about the risks its lawn and garden products pose to bees and the environment. The agreement is believed to be the first-of-its-kind enforcement action targeting false advertising claims by a manufacturer of pesticides containing neonicotinoids. “Bayer made numerous misleading claims to consumers about the safety of its pesticide products, including falsely advertising that they were similar to giving ‘a daily vitamin’ to plants, when in fact, they are highly toxic to honey bees, other pollinators and species, and the environment,” Massachusetts Attorney General Maura Healey said in a statement Oct. 26. Healey brought the action under the state’s Consumer Protection Act.

*From the Tacuinum Sanitatis, 14 c. of the Biblioteca Casanatense library in Rome, Italy.*



**Exhibitor #** \_\_\_\_\_

**Maryland State Beekeeper's Association**  
**79th Annual Honey and Honey Cookery Show, Nov. 14, 2015**

**Honey Show Entry Form**

Name (PLEASE PRINT CLEARLY) \_\_\_\_\_

Address \_\_\_\_\_ Phone \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

County \_\_\_\_\_ Local Club Affiliation \_\_\_\_\_

Are you attending this show?  YES  NO      Are you a current MSBA member?  YES  NO

***IF ENTRANT IS NOT PRESENT AND NOT AN MSBA MEMBER, A SAME DAY MEMBERSHIP IS REQUIRED.***

Your exhibitor number is shown at the top of this form. Put an exhibitor number sticker on each entry. For bottled honey, put one sticker on the face of the jar and one sticker on the lid. Put a PINK class number sticker on each entry. For bottled honey, put the sticker on the lid of jar.

**Please circle the Class number below for each class you are entering.**

**Division I HIVE PRODUCTS**

**PREMIUMS**

**Beekeepers entering for the first time**

Class 1 Extracted Honey	\$12	9	6	4	2	NP
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**Extracted Honey - Beekeepers with 10 colonies or fewer**

Class 2 Extracted Honey - Water White thru Extra Lt.	\$12	9	6	4	2	NP
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Class 3 Extracted Honey - Lt. Amber thru Amber	\$12	9	6	4	2	NP
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Class 4 Extracted Honey - Dark Amber	\$12	9	6	4	2	NP
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Class 5 Extracted Honey - Dark	\$12	9	6	4	2	NP
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**Extracted Honey - Beekeepers with 11 colonies or more**

Class 6 Extracted Honey - Water White thru Extra Lt.	\$12	9	6	4	2	NP
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Class 7 Extracted Honey - Lt. Amber thru Amber	\$12	9	6	4	2	NP
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Class 8 Extracted Honey - Dark Amber	\$12	9	6	4	2	NP
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Class 9 Extracted Honey - Dark	\$12	9	6	4	2	NP
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**Open to all**

Class 10 Comb Honey - Square Section	\$12	9	6	4	2	NP
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Class 11 Comb Honey - Round Section	\$12	9	6	4	2	NP
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Class 12 Cut Comb Honey in clear plastic box	\$12	9	6	4	2	NP
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Class 13 Chunk Honey in wide mouth 1 lb. jar	\$12	9	6	4	2	NP
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Class 14 Finely Granulated Honey	\$12	9	6	4	2	NP
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Class 15 One Frame of Honey (shallow, medium, or deep)	\$12	9	6	4	2	NP
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Class 16 Beeswax Block 2 lbs. minimum	\$12	9	6	4	2	NP
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Class 17 Dry Pollen Pellets in 1 lb. honey jar	\$12	9	6	4	2	NP
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Division Champion: Ribbon	\$15					
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Maryland State Beekeeper's Association  
80<sup>th</sup> Annual Honey and Honey Cookery Show Rules and Premium List  
November 12, 2016

General Rules

- 1) Entries will be accepted from 8:00 a.m. until 9:00 a.m. on the day of the show. Entries must remain in place until released by the show chairman at the end of the show.
- 2) Entries will be accepted from anyone attending the MSBA meeting (MSBA members and non-members). Entries from exhibitors not present at the MSBA meeting (entries brought to the show by someone else) will only be accepted if the exhibitor is a MSBA member. Please see the Treasurer and the President for same-day membership approval at their discretion.
- 3) Only one entry will be allowed in each class from any household, partnership or beekeeping establishment.
- 4) The exhibitor will select the class for his/her entry. (Assistance will be provided in selecting the correct class when making entries). The chairman of the show reserves the right to make a final determination and change, if necessary, entry classes. Classification of sweet and dry mead may be changed by judges (correct classification may be determined by chemical tests after the bottles of mead are opened).
- 5) No exhibitor's name or label will be allowed on any entry except in designated classes.
- 6) The decisions of judges are final. Judges may withhold prizes for insufficient merit or award a lower prize at their discretion. Entries that do not comply with the rules or class description may be disqualified.
- 7) The show chairman reserves the right to adjust any class and/or premiums offered. (For example: if sufficient entries are made for one stated color class for extracted honey to create two color classes, then two separate classes would be created with appropriate ribbons and cash awards).
- 8) Competition between local bee clubs is encouraged. An award will be presented to the local bee association whose members earn the highest number of points based on the number of quality products entered in the show. The following point system will be used: 1st prize - 3 points, 2nd prize - 2 points, 3rd prize - 1 point. If clubs are tied, the 1st place winner will be the club with the most 1st place awards in the show. If a tie still exists, the club with the most exhibits in the show will win.

Premium list

Individual Classes:	Ribbon and Cash Award
Division Champion:	Ribbon and Cash Award
Best in Show:	John V. Lindner Award
Best Club Showing:	Plaque
Prize Premiums	1 <sup>st</sup> \$12; 2 <sup>nd</sup> \$9; 3 <sup>rd</sup> \$6; 4 <sup>th</sup> \$4; 5 <sup>th</sup> \$2

Division I

HIVE PRODUCTS

- 9) All entries must be the product of the exhibitor's bees and have been produced within a 12 month period prior to entry.
- 10) All honey exhibited must have been gathered and ripened in a natural way by honey bees.
- 11) An entry consists of 1 jar, container, frame, block, etc.
- 12) All extracted, chunk and finely granulated honey, and pollen pellets must be exhibited in 1 lb. glass or clear plastic, "Queenline" or "Classic", jars, except Class 1. Beekeepers entering the first time in Class 1 only may exhibit honey in 1 pint or 1 quart glass canning jars or 1 lb. glass or plastic honey jars.

Extracted Honey - Beekeepers entering for the first time

CLASS 1    Extracted Honey

Extracted Honey - Beekeepers with 10 colonies or less

- CLASS 2    Extracted Honey - Water White thru Extra Lt.
- CLASS 3    Extracted Honey - Lt. Amber
- CLASS 4    Extracted Honey - Amber thru Dark Amber
- CLASS 5    Extracted Honey - Dark

Extracted Honey - Beekeepers with 11 colonies or more

- CLASS 6 Extracted Honey - Water White thru Extra Lt.
- CLASS 7 Extracted Honey - Lt. Amber
- CLASS 8 Extracted Honey - Amber thru Dark Amber
- CLASS 9 Extracted Honey - Dark

Open to all

- CLASS 10 Comb Honey - Square Section
- CLASS 11 Comb Honey - Round Section
- CLASS 12 Cut Comb Honey in clear plastic box
- CLASS 13 Chunk Honey in wide mouth 1 Lb. jar
- CLASS 14 Finely Granulated Honey in regular or wide mouth 1 Lb. jar
- CLASS 15 One Shallow or Full Depth Frame Honey - must be protected with plastic wrap or suitable container
- CLASS 16 Beeswax Block, 2 lbs. minimum
- CLASS 17 Dry Pollen Pellets in 1 Lb. honey jar

**Division Champion: Ribbon                      \$15.00**

**Division I Total:                                      \$576.00**

Division II

ARTS AND CRAFTS

- 13) All entries must have been made or produced by the exhibitor.
- 14) Label for Honey Container - One marketable container of honey, any size, any form, WITH LABEL designed by the exhibitor and affixed to the container. The container, unless opaque, must contain honey. Commercial stock labels are prohibited. Apiary and/or exhibitor name is permitted on the label.
- 15) President's Prize - Any creative or artistic endeavor prominently featuring the honey bee, beekeeping or pollination.
- 16) Photography - A single black and white OR color print 5" x 7" minimum, suitably framed or mounted, pertaining to beekeeping.
- 17) Equipment or Gadget - Any original tool or equipment useful in beekeeping. A written description giving details of construction, materials, cost and labor MUST ACCOMPANY THE ENTRY.
- 18) Honey Wine - Entries must be a least 12 months old and shall be exhibited in unlabeled standard 750 ml or "fifth" wine bottles. Exhibitor must state whether entry is straight (honey-and-water "must" only) or augmented (honey and water "must" plus fruit juices, herbs, spices, etc.) Allowed ingredients in all classes - sulfiting, yeast nutrients/energizers, tannin, citric acid or acid blends.
- 19) Gift arrangements/packs must include one or more products of the hive but may also include other items that enhance the appeal or promote the use of hive products. Personal gift arrangements should be suitable for personal gift use regardless of commercial applications, and should be in a box, basket or other suitable container. Mailable gift packs should be suitable for commercial applications and will be judged on mailability.

- CLASS 18 Four Molded Beeswax Candles
- CLASS 19 Four Dipped Beeswax Candles
- CLASS 20 Four Rolled Beeswax Candles
- CLASS 21 Artistic Beeswax - candles, figurines or other forms, at least 1 1/2 lbs.
- CLASS 22 Label for Honey Container
- CLASS 23 President's Prize
- CLASS 24 Photography
- CLASS 25 Equipment or Gadget
- CLASS 26 Honey Wine - Sweet Mead, one bottle
- CLASS 27 Honey Wine - Dry Mead, one bottle
- CLASS 28 Honey Wine - Augmented Mead, one bottle



## Maryland State Beekeepers Association

**Name:** \_\_\_\_\_

**Returning members – please only detail any *changes* in your contact information.**

Email: \_\_\_\_\_ (home / work)

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_ County: \_\_\_\_\_

Phone: \_\_\_\_\_ (home / cell / work)

Description	Unit Cost	Number	Sub-Total
Annual Membership	\$10		
Or, Lifetime Membership	\$200		
<b>Donations</b>			
To MDA's Apiary Inspection Fund**			
To MSBA, general donation			
To MSBA, for George Imirie Education Fund			
To MSBA, donation for Vehicle Plates (Plus MVA Fee )	\$15		
<b>Grand Total:</b>			

\*\* will be passed on to MDA

### Questionnaire

- I am a **new Annual Member**
- I am interested in serving on the MSBA Executive **Board** or a committee
- I am interested in judging or assisting at the MSBA Annual **Honey Show**
- I am interested in giving a **presentation** at a future MSBA event
- I am interested in providing an **article** for the 'Beeline'

### Suggestions / Feedback

Do you have any suggestions for the MSBA – topics for future meetings; things you would like to see MSBA doing; improvements to the website etc.?

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**NOTE:** Checks Made Out For Early Membership Payment Will **Not** Be Deposited Until January!!

Please make check payable to '**MSBA**'

Or pay online at [www.mdbeekeepers.org/membership.html](http://www.mdbeekeepers.org/membership.html)

Mail check and form to:

Bob Crouse, Treasurer  
1606 Dogwood Lane,  
Bel Air MD 21015

Phone: (410) 638-0105  
email: [RLCROUSE@QIS.NET](mailto:RLCROUSE@QIS.NET)

**MSBA Use Only**  
Check Date.....:  
Check Num.....:  
Check Amt.....:  
Details updated:

**Check our web site, [www.mdbeekeepers.org](http://www.mdbeekeepers.org), for any changes, updates and program details.**

## Maryland State Beekeepers ASSOC, Inc.

Dedicated to beekeeping in Maryland since 1908

## Treasurer's Report - 11/05/2016 PROPOSED BUDGET FOR 2017

<b>Assets</b>			
Business Economy Checking			\$2716.67 -
Business Interest Maximizer			\$9009.51
Certificate of Deposit's (3)			\$22581.46 -
Equipment Assets:			\$1758.49 -
<b>Total Assets:</b>			\$36066.13 -
G. Imirie Education Fund			\$5540.80 -
<b>Membership</b>		<b>2015</b>	<b>2016</b>
Annual members in good standing		453	542-
Life members		276	288
Complimentary members		16	16
<b>Total Membership:</b>		746	846
<b>Revenues</b>			
	<b>Actual '16</b>	<b>Budget '16</b>	<b>Budget 2017</b>
Dues:	\$7837.90	\$6900.00	\$7500.00.
GRANT FROM MD FAIR BOARD (FY 2015)	\$ 0.00	\$900.00	\$900.00
License Plates:	\$522.39	\$275.00	\$480.00
Donations/Auctions	\$1766.94	\$1000.00	\$1500.00
Interest	\$ 15.63	\$32.00	\$20.00
Honey Festival	\$215.00	\$280.00	\$200.00
State Fair Premiums & Work	\$0.00	\$ 0.00	\$ 0.00
Honey Judging Class	\$1549.18	\$ 0.00	\$ 0.00
<b>Total Revenues:</b>	\$11907.04	\$9387.00	\$10612.00
<b>Expenditures</b>			
<b>MEETINGS:</b>			
Guest speaker travel expenses and honoraria:	(\$2186.06)	(\$3000.00)	(\$3000.00)
Rent of facilities	(\$ 0.00)	(\$125.00)	(\$125.00)
* Donuts, coffee and soda:	(\$297.78)	(\$325.00)	(\$325.00)
<b>Total Meeting Expenditures:</b>	(\$2483.84)	(\$3450.00)	(\$3450.00)
<b>Newsletter:</b>	(\$170.40)	(\$450.00)	(\$200.00)
<b>Other:</b>			
Annual Honey Show:	(\$78.27)	(\$1200.00)	(\$1,200.00)
Donations/Dues Paid to Fraternal Organizations:	(\$200.00)	(\$400.00)	(\$300.00)
ETO Maintenance	(\$200.50)	(\$125.00)	(\$125.00)
Business Expense (Fees, meals, stamps, repro.)	(\$218.19)	(\$2200.00)	(\$700.00)
Insurance	(\$425.00)	(\$425.00)	(\$425.00)
Fund Raising Expense	(\$833.14)	(\$0.00)	(\$0.00)
Honey Judging Class	(\$767.45)	(\$0.00)	(\$0.00)
PayPal Fees	(\$127.52)	(\$0.00)	(\$100.00)
<b>Total Other:</b>	(\$2850.07)	(\$4350.00)	(\$2850.00)
<b>Total All Expenditures:</b>	(\$4894.91)	(\$8250.00)	(\$8325.00)

- Notes: 1: Business Expen. may be higher when our EAS representatives submit expenses.  
2: Unless we enter something in the State Fair, budget shows \$0.00  
3: Income for George Imirie Fund and Apiary Funds are not shown as they are not budget items.

## **EAS 2017 University of Delaware, Newark, Delaware, July 31-August 4, 2017**

The Eastern Apicultural Society of North America was established in 1955 with the purpose of promoting honey bee culture, the education of beekeepers, and excellence in bee research. Every summer, EAS organizes an annual conference in one of the member States/Provinces. About 500 people from around the world, attend this conference every year. Delaware beekeepers host the 2017 conference.

### **University of Delaware, Clayton Hall Conference Center**



The 60th Annual EAS Conference and Short Course will be July 31-August 4 at University of Delaware, Clayton Hall Conference Center (Laird Campus), Newark, Delaware. This is conveniently located about 2 miles north of I 95, west of Wilmington, DE adjacent to MD state line.

**Beekeeping Short Course & Conference** lecture sessions will be conveniently located in the Clayton Conference Center

and connecting Pencader Hall. Participants may stay in University dorms or in full-service Courtyard by Marriott Hotel, both immediately adjacent to the Center or at over 20 motels in the immediate region. We will post a [Lodging list](#) on the EAS website.

The Short Course includes several one or two day mini-courses appropriate for beginner/hobbyist, intermediate Sideliner and for Advanced beekeeper interest. The presenters will include Larry Connor, popular author and Wicwas Press Publisher, Mike Embrey, Univ of Maryland Eastern Shore, Maryann Frazier, retired from Penn State University, Clarence Collison, Allan Hayes, Maryland MB, Landi Simone, New Jersey MB and a host of local experts and EAS Master beekeepers.

The **EAS Conference** begins on Wednesday, with Short Course participants included, extending through Friday afternoon. There will be keynote presentations to begin our daily programs followed by multiple tracks of presentations continuing through the afternoon. Speakers include Tom Seeley, Marla Spivak, Michael Palmer, Michael Young, Northern Ireland beekeeper extraordinaire and chef, popular author James Tew, our Hambleton and student award winners, Clarence Collison our 2007 Roger Morse Extension/regulatory award winner, Jay Evans, USDA, Beltsville, Past EAS President Tammy Horn and many more. [Full program will be posted](#) by the beginning of 2017 to the EAS website. <http://easternapiculture.org>

A special feature will be opportunity to take bee practice at the University of Delaware Apiary. In addition an EAS apiary will also be just outside the Conference Center. Our Bee Wranglers, retired DE Apiary Inspector Bob Mitchell will be assisted by Don Hopkins, NC Apiary Supervisor, Jennifer Keller, bee tech of NC State University and several current and former apiary inspectors from NJ, DE and MD.



The EAS Conference is all about Fun too. We will have a Honey/Bee Products Competitive Show, the popular Honey Exchange (bring your honey to swap for another), and social events arranged for each evening -- swapping of bee tall tales Monday night in the apiary; Beeopardy Tuesday with Beekeeping for Dummies author Howland Blackiston followed by delicious DE watermelons on the cafeteria/dorm mall; Wednesday we will be Dancing with the Bees orchestrated by Cliff Sunflower of Kutztown, PA; on Thursday there will be a buffet with auction following [many unique one-of-a-kind Bee Items will be featured]; and our closing Banquet and Awards ceremony will be Friday. In between there will be lots of opportunities to meet and chat with beekeepers from near and far.

The EAS meeting Field trip will feature an intense bee-flower field experience to one of the finest 18<sup>th</sup> Century French style Mansion and Garden's, A.I DuPont's Nemours estate and /or to Mt Cuba gardens. The interactions and interdependence of bee and nectar/pollen producing flora with honey bees and pollinators will feature explanations/identifications by photographer, author and beekeeper Peter Lindtner and ecologist/author Doug Tallamy (*Bringing Nature Home*), plus MB experts.

Our vendors will have the latest gadgets and gizmos. Bee authors will be on hand (bring your personal copies or purchase new) to get your bee books signed. The Short Course and Conference features many opportunities to have a one-on-one conversation with the brightest bee scientists/extension specialists, as well as the most accomplished practioners of bee colony stewardship.

EAS is one of the largest, and we think you will agree, the bee-friendliest conference of the entire year. If you have never attended an EAS conference you are in for a treat. **YOU WON'T BE DISAPPOINTED!!**

On behalf of the Delaware beekeeper hosts, Dr Debbie Delaney, University of Delaware Bee Specialist, Bob Bauer, EAS 2017 President, we want to SEE YOU at EAS 2017, July 31-August 4 in DELAWARE.