



## Blowing Smoke

By Bob Williams, President

It appears that the honey flow is in full swing, as I have seen a lot of white dutch clover and yellow sweet clover in bloom. Several years ago, I planted white and yellow sweet clover, along with a wildflower mix, but I haven't seen the white sweet clover in bloom yet and very few wildflowers. I suspect that will change as the weather continues to warm. Swarming is still possible. As your hive continues to grow, be sure to keep adding honey supers to give them some room. Depending on the rainfall, the honey flow may last to about the middle of July. Even with this honey flow, if you are a new beekeeper that started this spring with a package or a nuc, my advice is to continue feeding your bees until they have drawn out the wax on at least 80% of the frames in your second hive body. If and when you decide to add a honey super, you must discontinue all feeding.

At the May General Meeting, we had a silent auction, as well as a Queen raffle and a cedar hive raffle, to benefit the Youth Scholarship Program. Total monies raised from the silent auction and raffle ticket sales were \$1392.50. Many of our members brought in items for the auction. We also received donations from A.I. Root Co., American Beekeeping Federation, Bee Culture, BetterBee Inc., Blue Sky Supply, Brushy Mountain Bee Farm Inc., Dadant and Sons Inc., Peirco Inc., Mann Lake Ltd., Mother Lode Products, Sailor Plastics, Kelly Co., and Western Bee Supply. Queens were donated by Cory Stevens, Gardener's Apiaries-Spell Bee, and Olivarez Honey Bees Inc. The Cedar Hive was donated by the Boss Family. Many thanks to all of you!! Thank you to all the volunteers who contributed their time and refreshments for the auction. A special thank you to Nita Dietz, Youth Scholarship Chair, for putting it all together.

At the June 18<sup>th</sup> General Meeting, Jim and Tanya Fisher will be giving a presentation about the State Fair rules and best presentation techniques. Jim and Tanya Fisher, are multiple State Grand Champion Award winners at the State Fair. We are trying to get more folks interested and entered into the State Fair. Last year, we had several ribbon winners from our club, and this year we hope to increase that number significantly. It's a bit of a competition between the east and west clubs in the state and it is open to all beekeepers, new and seasoned. We will also have the Q&A session for beginning beekeepers starting at 2:00PM. Come join us, it'll be fun!!!

## Midwestern Beekeepers Name Tags

Do you have a name tag to wear to our meetings, at farmers markets, or other beekeeping gatherings? Order yours at any General Meeting. Magnetic bar or pin back clasps available. \$8 each with proceeds going to Youth Scholarship.

## COMING UP

JUNE GENERAL MEETING  
SUNDAY, JUNE 18, 2017

Bass Pro Shop  
Independence MO  
2:00 PM

Q&A Session for  
Beginning Beekeepers  
2:30 PM

General Meeting



[midwesternbeekeepers.org](http://www.midwesternbeekeepers.org)



Membership/Renewal



MidwstnBeekprsA



Midwestern Beekeeper's  
Association



Midwestern Beekeepers  
Association  
Members Closed Group

# Welcome New Members

By Terry Wright



# June General Meeting

Sunday, June 18, 2017  
Bass Pro Shop at Independence MO



## John & Shawna Newman

Centerview MO

## Wendy Buehre

Kansas City MO

## Jeff St. John

Lee's Summit MO

## Bill Dickinson & Barb Woot

Kansas City MO

## Thomas Thissen & Britny Lamb

Kansas City MO

## Dalton Archer

Buckner MO

## Kathleen Talbot

Lee's Summit MO

## Andrea Leavitt

Overland Park KS

## Mark Manion

Smithville MO

## Andrea Shuffield

Pleasant Hill MO



## Compound Dissecting Microscope

Thank you to Mark Young, for bringing the Compound Dissecting Microscope at our May General Meeting. We enjoyed examining your specimen of a bee and various flowers.



<https://mobeekopers.com/>



## JIM AND TANYA FISHER

### Missouri State Fair Grand Champions

Winning Grand Champion of the Individual Bee

Culture Division five times, they will instruct on how to enter and win!

## SCORE SHEET FOR JUDGING APIARY PRODUCTS

### EXTRACTED HONEY

- |   |  |           |
|---|--|-----------|
| 1. Degree of Density  |  | 20 points |
|   | Above 18.6% moisture                                       | 0 points  |
|   | 18-18.6% moisture  | 10 points |
|   | 17-17.9% moisture  | 15 points |
|   | 16-16.9% moisture  | 20 points |
|   | 15-15.9% moisture  | 15 points |
|   | below 15% moisture   | 10 points |
| 2. Freedom from crystals                                      |  | 10 points |
| 3. Degree of cleanliness and freedom from foam <i>clarity</i> |  | 20 points |
| 4. Cleanliness and neatness of containers                     |  | 10 points |
| 5. Flavor and aroma   |  | 20 points |
|   | <i>Absence of off-flavor, overheating and fermentation</i> |           |
| 6. Color  |  | 10 points |
| 7. Appearance and suitability of containers                   |  | 5 points  |
| 8. Accuracy and uniformity of volume                          |  | 5 points  |

**Total points possible 100 points**

### COMB HONEY AND SEALED HONEY FRAME

- |   |  |           |
|---|--|-----------|
| 1. Uniformity of appearance/Neatness of cut |  | 20 points |
|   | <i>Ragged edges, parallel cuts, four-sided cut and uniformity of size of cut</i> |           |
| 2. Absence of uncapped cells                |  | 10 points |
| 3. Uniformity of color                      |  | 15 points |
| 4. Absence of watery cappings               |  | 10 points |
| 5. Cleanliness of section and/or frame      |  | 15 points |
|   | <i>freedom from stain and foreign matter</i>                                     |           |
| 6. Freedom from granulation and pollen      |  | 5 points  |
| 7. Uniformity of weight                     |  | 15 points |
| 8. Total weight of entry                    |  | 10 points |

**Total points possible 100 points**

### CANDIED HONEY

- |   |  |           |
|---|--|-----------|
| 1. Appearance, suitability, and uniformity of containers      |  | 10 points |
| 2. Color  |  | 15 points |
| 3. Crystallization <i>texture-smooth and fine</i>             |  | 20 points |
| 4. Firmness of set <i>not runny but spreadable</i>            |  | 20 points |
| 5. Absence of impurities <i>including froth, no blemishes</i> |  | 10 points |
| 6. Flavor and aroma   |  | 20 points |
| 7. Uniformity of volume                                       |  | 5 points  |

**Total points possible 100 points**

## SCORE SHEET FOR JUDGING APIARY PRODUCTS

### **BULK COMB HONEY**

- |   |                   |
|---|-------------------|
| 1. Neatness of cut  | 15 points         |
| <i>Ragged edges, parallel cuts, four-sided cut and uniformity of size of cut</i>          |                   |
| 2. Absence of watery cappings, uncapped cells and pollen cells                            | 15 points         |
| 3. Cleanliness of product   | 20 points         |
| <i>No travel stain, specks of foreign matter, flakes of wax, foam and crystallization</i> |                   |
| 4. Uniformity of appearance   | 25 points         |
| 5. Density, flavor and appearance of liquid part  | 20 points         |
| <i>Density determined as #1 under extracted honey</i>                                     |                   |
| 6. Uniformity of volume   | 5 points          |
| <b>Total points possible</b>  | <b>100 points</b> |

### **BEESWAX**

- |  |                   |
|--|-------------------|
| 1. Color, <i>between straw and canary yellow</i>       | 30 points         |
| <i>undamaged by propolis, iron stain, etc.</i>         |                   |
| 2. Cleanliness,  | 25 points         |
| <i>freedom from surface dirt, honey and impurities</i> |                   |
| 3. Freedom from cracking, shrinkage and marks          | 15 points         |
| 4. Aroma   | 15 points         |
| 5. Texture (grain)                                     | 15 points         |
| <b>Total points possible</b>                           | <b>100 points</b> |

### **BEES IN OBSERVATION HIVE**

- |   |                   |
|---|-------------------|
| 1. Bees <i>uniform color, size and correct type</i>                   | 15 points         |
| 2. Queen <i>age, size, shape, behavior and marking</i>                | 20 points         |
| 3. Brood <i>compact pattern, show all stages</i>                      | 20 points         |
| 4. Variety  | 15 points         |
| <i>presence of queen, workers, drones, brood, honey, pollen, etc</i>  |                   |
| 5. Cleanliness and suitability of the comb                            | 10 points         |
| 6. Appearance   | 10 points         |
| <i>cleanliness and suitability of observation hive</i>                |                   |
| 7. Correct number of bees <i>for interest and ease of observation</i> | 10 points         |
| <b>Total points possible</b>  | <b>100 points</b> |

### **ART DESIGN IN BEESWAX**

- |  |                   |
|--|-------------------|
| 1. Color <i>between straw and canary yellow</i>      | 25 points         |
| 2. Cleanliness <i>free from honey and impurities</i> | 25 points         |
| 3. Novelty of mold or sculpture                      | 25 points         |
| 4. Neatness of workmanship                           | 25 points         |
| <b>Total points possible</b>                         | <b>100 points</b> |

### **BEESWAX CANDLES**

- |  |                   |
|--|-------------------|
| 1. Color <i>between straw and canary yellow</i>      | 25 points         |
| 2. Cleanliness <i>free from honey and impurities</i> | 25 points         |
| 3. Freedom from cracking, shrinking and marks        | 25 points         |
| 4. Neatness of workmanship                           | 25 points         |
| <b>Total points possible</b>                         | <b>100 points</b> |



## Youth Scholarship

By Nita Dietz



Congratulations to Terry Wright and Charles Perrin on winning queen vouchers in the Annual Youth Scholarship Queen Raffle. Many thanks to all who participated!



Congratulations to Phil Duncan, winner of the complete cedar hive. Tyler Boss and family donated the hive to benefit Youth Scholarships.



Thanks to all who made the Youth Scholarship Silent Auction a huge success!

<b>Community America Credit Union Transactions for the Month of April 2017</b>	
Bank Balance as of March 31, 2017	<b>\$ 12,113.89</b>
Total Receipts Deposited	<b>384.70</b>
Total Expenses Paid (-\$.00 Pending)	<b>-50.00</b>
Interest on Savings & Checking Account	<b>.50</b>
Bank Balance as of April 30, 2017	<b>\$ 12,449.09</b>

A complete report is available under the member's area on the website.



Congratulations to Ron and De-lore Vivian who celebrated 55 years of marriage. They have long been involved with the Missouri State Beekeepers Association and Midwestern Beekeepers Association. Recently, they were honored with a card shower from Missouri's beekeepers.



## Library News

By John Martin



Please examine the entire list of titles on our website, then make your request to John, by email or phone call, and he will bring your requested books or videos to the General Meeting. To make a request, go to: [www.midwesternbeekeepers.org/library/](http://www.midwesternbeekeepers.org/library/);

- View the list and make your selections
- Include the book number from the left column and title
- Contact John Martin at
- [jmartin98@comcast.net](mailto:jmartin98@comcast.net) or 816-726-6371

You must be a member of Midwestern Beekeepers Association to check out books or videos.



## Missouri State Fair By Dean Sanders



Midwestern Beekeepers Association has a rich history of excellence and our own, Jim & Tanya Fisher, have won Grand Champion five times in the individual division. There are two ways to enter. You may enter in the individual division, and if you are a member of the Missouri State Beekeepers Association, they are going to match prize money. The other way to enter is to enter under the Midwestern Beekeepers Association. There is always some

friendly competition between the East and West side of the state!

We have made it easy for you to enter. You may bring your entries to our Midwestern Beekeepers August Picnic on August 6th, at Fleming Park and MBA officers will deliver and return your entries for you. Otherwise, apiculture entries are due by 5 PM on August 7, 2017. Judging is arranged by the Missouri Department of Agriculture and will be on Tuesday, August 8th. Competition entries will be on display until the end of the fair and must be picked up after 6 PM on August 20, 2017.

Competition entry forms and information can be found at:

<http://www.mostatefair.com/wp-content/uploads/premium-guide/agriculture.pdf>

<http://www.mostatefair.com/wp-content/uploads/premium-guide/entry-blanks/agricultureEB.pdf>

Volunteers will be needed to work in the Missouri State Beekeepers Association booth. It is a great way to meet with Missourians, both beekeepers and bee friendly folks. Help is needed with the cash drawer, educating people about honey bees, assistance with the observation hive, restocking, and visiting with the fair visitors. It is a lot of work, but certainly a lot of fun. To schedule your time to work the fair booth, please contact Dean Sanders, MBA State Liaison and MSBA's Missouri State Fair Chairman, at (816) 456-4683 for more information



### Setting Up Your Extracting Line: What's Needed with Jim Tew

<https://u.osu.edu/beelab/setting-up-your-extracting-line-whats-needed-with-jim-tew/>



## Honey Plants

By Luanne Oneal



## Creamed Honey



Photo by Luanne Oneal

- A-Aster
- P-Prairie Milkweed
- I-Indigo (wild)
- S-Sumac, sweet clover (as in photo), sunflower

- M-Monarda spp (Bee Balm)
- E-Eschscholzia California (California poppy)
- L-Liatris (blazing star or gay feather)
- L-Lobelia (cardinal flower)
- I-Indian Hemp (common dogbane)
- F-Figwort
- E-Echinacea Purpurea (purple coneflower)
- R-Rose (wild types), rosinweed
- A-Aquilegia Canadensis (wild columbine)

These are just a few honey plants what will keep your **Apis Mellifera** busy this late spring and into summer. Each plant offers differing amounts of nectar and pollen as well as diverse flavor to the honey we are all anticipating later this year.

# Save the Date!

August 6, 2017

Midwestern Beekeepers Annual Picnic  
Fleming Park Meeting Hall  
Fleming Park, Blue Springs MO

Did you know that we have a wonderful resource on our website for making creamed honey (or candied honey as described by the Missouri State Fair?) “Making Creamed Honey, Flavored and Natural” by Joli Winer and Cecil Sweeney, can be found at: <http://www.midwesternbeekeepers.org/wp-content/uploads/2015/04/Creamed-Honey-2.pdf>

Creamed Honey is honey made to crystalize smoothly by seeding with 10% finely crystallized honey and storing at about 57 degrees F. It is best to use your lightest, mildest flavored honey. Crystallization is best performed if the moisture of the honey is in the 18%-17.5% range.

The key points to making creamed honey are:

- ◆ Check the moisture content of your honey.
- ◆ Heat your honey to remove any crystals that have already formed
- ◆ Use good, firm, finely granulated starter.
- ◆ Store at 57 degrees F.
- ◆ Don't rush it!

Use the link above to find detailed instructions and recipes. Good luck and we hope you will consider entering your creamed/candied honey in the Missouri State Fair!



## Basic Beekeeping

By Kyle Day

Every month as I sit down to write these articles with my old country music playing in the background, I try and think of what I wish I would have known when I was in my first year of beekeeping. I usually read through other articles and see what others are talking about, but mostly I go off my notes. Each year I keep a notebook full of all the information about each one of my hives. These help me greatly to compare a hive year to year and to remember what I did to my hives last year. Like always, if anyone has any questions that need to be answered or think I am not a good writer (and thinks I need to know,) you are welcomed to email me at [kyle.day.1999@gmail.com](mailto:kyle.day.1999@gmail.com).

June is our last full month of our main nectar flow. This is true for most of the state but the timing can vary as much as two weeks sooner or later. Many times, later means that it probably started later as well. Also with the rain we have had it will push the nectar flow to last longer. Continue to put on the honey supers as long as the bees are collecting nectar and, of course, stay ahead of your colony's needs. The rate at which bees need space varies again with the strength (numbers) of the hive and the flow intensity. A full box of bees (1 deep brood box) equals about 25,000 bees and that number is approximately the threshold number (there is probably a debate on that number) for a hive to begin to have enough surplus bees to collect surplus honey. If you just started your hive 4 weeks ago, you just completed your first brood cycle (numbers of bees will increase about half). You are just wanting to see your colony grow into at least one full deep brood box (or two mediums if you are going that route.) You may struggle to complete a second full brood box before the end of our spring flow. This happens more than not so do not worry. You may need to feed sugar syrup again to help finish comb. Bees will not look at unfinished comb and decide they better finish pulling those frames. They need a reason that makes sense in their world. Feeding is the only way to get the bees to "think" like you do.

The key to the clover flower flows is soil moisture and sunny days. If summer heat comes early in June and the rains stop, the soil moisture will dry up and even if the clovers are still in bloom, the nectar will slow or stop. Keep a bloom calendar and record when you first see plants bloom and when they quit. After a few years, you will know within a few days when plants will bloom in your area. There can also be a difference in bloom time between a city location and a rural location in the same county.

**Swarming is still a possibility, especially if you have a package hive started in May and it is growing fast.**

You want to concentrate on completing any comb building your bees have started. Moving partial combs to stronger or faster comb building hives will allow you to complete frames before the nectar runs out.

Nectar flow can turn off overnight so you will hope to avoid putting on new foundation or empty frames the last of June if you can. Not that this is the end of the world if they only partially work that last super. It is just a bit of a nuisance to deal with partial combs with some nectar stored in them as well. Sharing comb between hives means sharing health between hives (good and bad health.) If you suspect virus or AFB/EFB in any hives sharing those combs would be a bad idea. So you might dispose of comb coming from a sick hive and adding comb from a healthy hive, and replacing the losses with new frames. Truthfully, I think the idea that your hives haven't already shared their maladies is a bit of wishful thinking but some people believe it can be avoided and it makes them feel good to try. That would mean of course sterilizing your hive tools (don't forget the frame grips, brush, and frames.) If you have an over-wintered or start-up hive from mid-April that is still not a full 10/8 frames of bees and working strong in a second box, you might want to consider replacing that queen. You have just given her the best month of the year to expand the hive, if she didn't put a dent in that plan she won't improve. This is a hard lesson to learn and I still hesitate to make this decision even though I know this hive needs a queen change. If this is the second season for your queen, you might also consider replacing her. Keeping (or more accurate, relying on) a queen longer than 2 seasons is a gamble.

Time to start thinking about harvesting honey. Remove and extract any supers of well-ripened honey. Some folks will run out of boxes or the hive stack is too high to work and they will extract to reuse or reduce the stack.

Basic Beekeeping Continued:

A rule of thumb is if the frame is capped, the honey is ripe; however, checking the actual moisture content is the only way to know for sure. That said, I personally have never measured my honey's moisture content. I have always followed these tips and I have never had an issue. The second rule of thumb is that you can extract a frame even if it has open cells of honey as long as over 50% of the cells are capped. You can expand this to include the ratio between all frames rather than by the frame. So if you have one fully capped frame and one only 1/4 capped, you can extract both frames fully and your moisture content should be ok. The last tip is turn the frame on it's side with the open cells facing down and shake. If nectar drips out it is not ripe enough. Because we have some very humid summers, the bees may not cap their honey due to the high humidity. You can usually tell if the honey is ripe enough by if its thick or watery. If watery, one should put the honey in a small room with a dehumidifier. I like to keep my honey in 5 gallon buckets when doing this and stirring the honey daily until I think the consistency looks right. There are a lot of beekeepers in the area you can talk to about extracting. Some may even let you borrow their equipment so you do not have to buy your own. There are also tons of honey extracting videos online you can watch and take ideas from. If you think you're going to extract honey this year, you may want to go ahead and get stuff prepared like bottles, extractor, labels, buckets (you can never have enough buckets,) a small dehumidifier, hand tools, and its also a good idea to have a bucket of warm water and an old rag on extraction day. It will come in handy a lot.

Time to begin thinking about your varroa mite populations. Their numbers have been growing all spring and once you have your honey off, you can sample the brood nest more easily. To determine if your mite count is too high: 50 or more mites drop on a sticky board in a 24-hour period or 5 mites per 100 bees are found using a sugar shake or alcohol wash.

If you don't get honey this year don't be bummed out. You will eventually get some honey so don't get down. Remember the main goal of beekeeping should be to have fun and not worry about getting honey (unless you're Terry O'Bryan or like him and trying to run a sideliner business.) As for me right now, if I can get enough honey to fill up the preorders I have, then I will be happy ( once you start selling honey you will always have people asking you for honey.) Happy Beekeeping to all, have fun with your bees, and don't be afraid to try something new or different. The only way to learn is to try it. Good Luck to all in their beekeeping endeavors!

**Jim Fisher 816-918-6648**

Do you need your honey supers extracted? Contact Jim for custom extracting.



## Bee Culture

The Magazine of American Beekeeping

[www.beeeculture.com](http://www.beeeculture.com)

(800) 289-7668



## Market Place

MEMBERS OF MIDWESTERN BEEKEEPERS ASSOCIATION CAN ADVERTISE FOR FREE IN THE NEWSLETTER! COMMERCIAL VENDORS MAY ADVERTISE FOR \$25 PER YEAR PLUS YOUR ANNUAL OR LIFETIME MEMBERSHIP. CONTACT THE EDITOR TO PLACE YOUR AD.



### Crooked Hill Beekeeping, LLC.

**Bill and Tammy George**

**19133 LIV 355**

**Chillicothe, MO 64601**

**(660)214-0132**

**[www.chbeekeeping.com](http://www.chbeekeeping.com)**

Open by appointment most days. Store is located on our farm; early, late and weekend hours are available.

Packaged bees and NUCs available in the spring. Locally manufactured high quality woodenware in stock.

We offer a complete line of beekeeping supplies and equipment. Including: Woodenware (assembly and painting available), frames, foundation, smokers, tools, bee suits, Bug Bafflers, veils, books, feed supplements, honey containers, extracting equipment, NUC boxes, materials to build your own hives.



### Jordy's Honey

**Robert Hughes**

**12333 Wedd Street**

**Overland Park, KS 66213**

**913-681-5777**

**[www.beekeepers.com](http://www.beekeepers.com)**

Monday through Friday 8 am to 6pm  
Weekends by appointment.

Please call in advance so we can have your supplies ready when you arrive. We carry a full line of beekeeping supplies. Bee hives, supers, frames, foundation, honey containers, smokers, beekeeping books, queens, packaged bees and much more.

## Senate Bill 472

By Cathy Misko

Heartland Beekeeping Partnership



## Bee Health & Agriculture

### Update: Senate Bill 472 Missouri State Bee and Beekeeping Supplies Sales Tax Exemption Bill

SB472, sponsored by Senator Denny Hoskins, was first read February, 23, 2017. It breathed through a series of legislative procedures that seems complicated by most. Unfortunately SB472 was alive and then in a flash, it was dead by the day's end of the second Friday in May! It was on the Perfection Calendar, I was excited beyond belief, but apparently it was not important enough and was not heard before the end of the legislative session Friday, May 12, 2017. The end of the legislative session had a mountain of bills to be heard and ours was not one of them. I just received a response from Senator Hoskins' office that follows: "Senator Hoskins will review the legislative agenda this fall and make plans on what he intends to file for next session. It will continue to be a challenge. The fiscal note, which we felt was in error, was a hindrance. Any support you can garner will make the effort easier. We appreciate your dedication and interest in this process." (Fiscal note refers to a claim of the amount of "tax revenue" Callaway County claimed it would lose.)

I think that if we go forward on this, we should accept the help from the Farm Bureau if they "officially" take it on. Beekeepers will need to let their voices be heard so your representatives know that this tax issue is of importance to you.

So, let's have a great honey harvest...keep educating others in beekeeping, enjoy our bugs, and let's get back together in the Fall. Hopefully we have "primed" our representatives and something will be done in the future via the Missouri tax codes to help beekeepers and the honey bee. Thank you everyone.



**HONEY BEE  
HEALTH  
COALITION**

Two dozen members of the Coalition wrote to policymakers on the U.S. House Committee on Agriculture and the U.S. Senate Committee on Agriculture, Nutrition, & Forestry urging them to prioritize programs that support honey bee health.

The letter, which you can read at <http://honeybeehealthcoalition.org/wp-content/uploads/2017/05/Honey-Bee-Health-Coalition-Priority-Principles-for-2018-Farm-Bill-Conservation-Title-May2017.pdf> highlights the critical role the Farm Bill can play in helping to "ensure that U.S. agricultural policy supports honey bees and to ensure that honey bees can continue to support U.S. agriculture."

The University of Tennessee says research shows a positive correlation between bee health and the presence of agriculture – just opposite to popular belief.

Scientists at the university's Institute of Agriculture say the overall health of honey bee hives actually improves in the presence of agricultural production.

The study, published in the *Journal of Economic Entomology*, evaluated the impacts of row-crop agriculture, including the traditional use of pesticides, on honey bee health.

It found bee colonies in a non-agricultural area struggled to find adequate food resources and produced fewer offspring.

"We're not saying that pesticides are not a factor in honeybee health," says lead author Mohamed Alburaki, post-doctoral fellow with the university's Department of Entomology and Plant Pathology. "There were a few events during the season where insecticide applications caused the death of some foraging bees.

"However, our study suggests that the benefits of better nutrition sources and nectar yields found in agricultural areas outweigh the risks of exposure to agricultural pesticides."

You can read the full article at: [http://www.beeeculture.com/catch-buzz-theres-good-correlation-bee-health-agriculture-according-ut-researchers/?utm\\_source=Catch+The+Buzz&utm\\_campaign=37a3b37198-Catch+The+Buzz+4+29+2015&utm\\_medium=email&utm\\_term=0\\_0272f190ab-37a3b37198-332045185](http://www.beeeculture.com/catch-buzz-theres-good-correlation-bee-health-agriculture-according-ut-researchers/?utm_source=Catch+The+Buzz&utm_campaign=37a3b37198-Catch+The+Buzz+4+29+2015&utm_medium=email&utm_term=0_0272f190ab-37a3b37198-332045185)



# Conferences & Events



July 13-15, 2017  
 Heartland Apicultural Society  
 Annual Meeting  
 Evansville, Indiana  
[www.heartlandbees.org](http://www.heartlandbees.org)



October 27-28, 2017  
 Missouri State Beekeepers Assoc  
 Fall Conference  
 Springfield, MO  
[www.mobeekeepers.com](http://www.mobeekeepers.com)



August 6, 2017  
 Midwestern Beekeepers  
 Annual Picnic  
 Fleming Park Meeting Hall  
 Fleming Park, Blue Springs MO



Fall 2017, Date TBD  
 Midwestern Beekeepers Assoc.  
 Beginning Beekeepers Workshop  
 Watch for Details



August 10-20, 2017  
 Missouri State Fair  
 Sedalia, Missouri  
[www.mostatefair.com](http://www.mostatefair.com)



Contact Dean Sanders (816) 456-4683 to volunteer to work the Missouri State Beekeepers Association booth



Sep. 8-12-2019  
 46th Apimondia  
 International Apicultural Congress

Montreal Canada

[www.apimondia2019mtl.com/](http://www.apimondia2019mtl.com/)

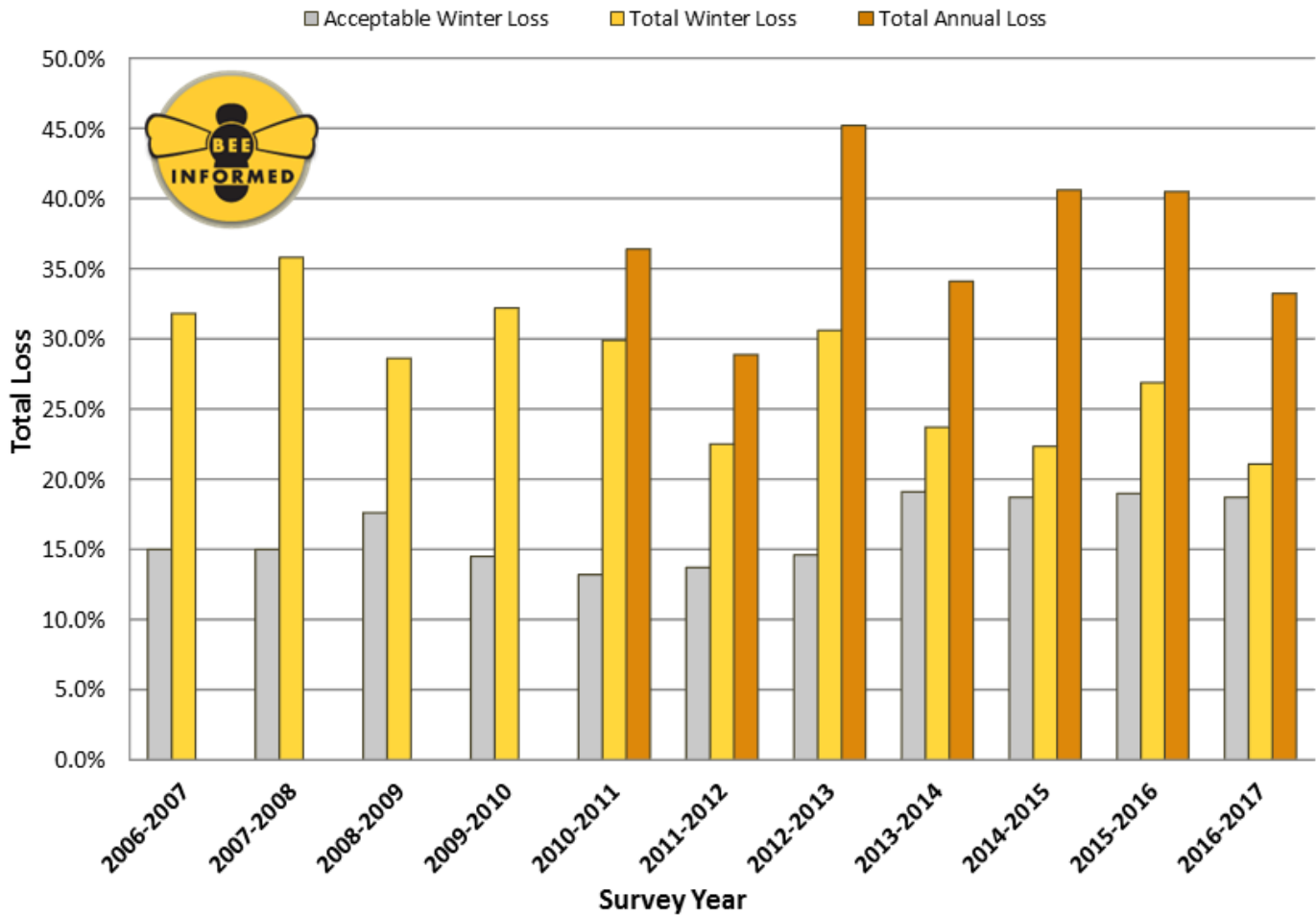
The Midwestern Beekeepers Association's (MBA) Nominating Committee for 2018 Officers is now forming and will be voted upon at our July General Meeting. The objections of MBA are:

- ◆ To promote the general welfare of the beekeeping industry.
- ◆ To better the standards of beekeeping.
- ◆ To be a vessel of education to future and established beekeepers.
- ◆ To secure adequate laws for the protection of beekeeping in its entirety.

It takes many volunteers to make MBA successful. We need YOU!

<h2>AMERICAN BEE JOURNAL</h2> <p>Discounted Rates!</p> <p><input type="checkbox"/> New    <input type="checkbox"/> Renewal</p> <p><i>Prices good through Dec. 31, 2017</i></p> <p>Return white copy to: American Bee Journal, 51 S. 2nd St., Hamilton, IL 62341                  Retain yellow copy for your records.</p>	<h3>Association Member Subscription</h3>		
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## Total US managed honey bee colonies Loss Estimates



## Honey Bee Colony Losses 2016-2017: Preliminary Results

Note: This is a preliminary analysis. Sample sizes and estimates are likely to change. A more detailed final report is being prepared for publication in a peer-reviewed journal at a later date.

The Bee Informed Partnership (<http://beeinformed.org>), in collaboration with the Apiary Inspectors of America (AIA), conducted the eleventh annual national survey of honey bee colony losses.

For the 2016-2017 winter season, 4,963 beekeepers in the United States provided validated survey responses. Collectively, these beekeepers managed 363,987 colonies in October 2016, representing about 13% of the country's estimated 2.78 million managed honey producing colonies. An estimated 21.1% of colonies managed in the United States were lost over the 2016-2017 winter. This represents an improvement of 5.8 percentage points compared to the previous 2015-2016 winter, and is below the 10-year average total winter loss rate of 28.4%. Beekeepers not only lose colonies in winter (October – March) but also throughout summer (April – September). The 2016 summer colony loss rate was 18.1%. When all the survey results were combined, beekeepers lost 33.2% of their colonies between April 2016 and March 2017. This is the second lowest rate of annual colony loss recorded over the last seven years.

Preliminary results of this survey is also available at [www.beeinformed.org](http://www.beeinformed.org)



## 2017 MSBA Fall Conference

Springfield, Missouri

### Experienced Beekeeping Instruction

Beginning Friday, 12:30 pm thru Saturday 3:30 pm

Dr. Meghan Milbrath, Michigan State University works in Zachary Huang's honeybee lab. She owns and manages The Sand Hill Farm, a small livestock and queen rearing operation in Munith, Michigan. She is the coordinator of the Michigan Pollinator initiative and teaches in multiple venues.

Erin MacGregor-Forbes is past-president and member of the Maine State Beekeepers Association and an EAS Master Beekeeper, as well as Chairman of the Eastern Apiculture Society. She co-owns Overland Apiaries which is a small, sustainable, non-migratory beekeeping operation based in Jefferson and Portland, Maine.

Topics: Sustainable late-season nucs; Small-scale queen rearing; Towards treatment-free with Varroa Management

### So You Wanna be a Beekeeper

Friday 12:30 – 4:30

A series of classes designed for people exploring beginning beekeeping taught by area club presidents and leaders. There will be opportunities to sign up for 2018 Beginning Beekeeping Classes with area clubs.

### Saturday Breakout Session announced soon!

Conference Questions email [brucesnavely@hotmail.com](mailto:brucesnavely@hotmail.com)

Oct 27 – 28  
Missouri  
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[mostatebeekeepers.org](http://mostatebeekeepers.org)

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**Make your MSBA Conference Hotel reservations today!**



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**General Meeting**  
**Sunday, June 18, 2017**  
**Bass Pro Shop**  
**Independence MO**  
**2:00 PM**  
**Q&A Session for**  
**Beginning Beekeepers**  
**2:30 PM**  
**General Meeting**  
*In case of inclement weather on the day  
of a meeting, please check our website,  
Facebook, or call an officer.*

Membership dues are \$15 per year for an individual, prorated for new members after July 1st to \$7.50. Family membership available. Membership is open to all people interested in beekeeping and entitles you to our monthly newsletter, free 30 day loan of books from our extensive library, discounts on bee journals, and the right to free non-commercial advertising in the newsletter plus the opportunity to attend our informative monthly meetings.

Midwestern Beekeepers Association 2017 Calendar	
July 16, 2017	General Meeting at Bass Pro, 2:30 pm
August 6, 2017	Picnic, Fleming Park, Blue Springs MO
September 17, 2017	General Meeting at Bass Pro, 2:30 pm
October 15, 2017	General Meeting at Bass Pro, 2:30 pm
November 19, 2017	General Meeting at Bass Pro, 2:30 pm
December 17, 2017	Christmas Social