Fall OSBA Conference
October 31, 2015
8 a.m.— 4 p.m.
Tolles Career and Technical Center
7877 U.S. 42, Plain City, OH 43064
www.OhioStateBeekeepers.org/fc

Registration Fees
- $25 - OSBA Member Pre-Registered
- $35 - OSBA Member at the door
- $35 - Non Member
- $10 - OSBA Guest (Spouse or children under 18 with paid OSBA Member)

Boxed Lunch: $9.00 will only be available with pre-paid registration

Registration — Hot beverage and donuts will be provided.
- Drop off Honey Entries contest— see rules on page 7
- Drop off bee samples for Nosema testing- see page 10

President’s Welcome and Announcements.
Break – Visit the Vendors

Session 1
Tom Seeley: Following the Wild Bees - The Craft and Science of Bee Hunting
Kent Williams: Using Nucs for increase
Michele Colopy: Creating your Own Pesticide-Free Pollinator Habitat
Reed Johnson: Nosema– is the Cure Worse than the Illness

Lunch! Boxed lunch (prepaid registration only)

Session 2
Tom Seeley: Capturing Swarms with Bait hives
Kent Williams: Small Scale Queen Rearing
Alex Zomchek: OSBA Apiary Diagnostic Kit- Easy Monitoring for Increased Sustain-ability
Christie Welch: The Basics of Business Legal Structures

Break – Visit the Vendors

Session 3
Tom Seeley: Forest Bees and Varroa Mites—Lessons for Sustainable Beekeeping
Kent Williams: Breaking your Chemical Dependency
Alex Zomchek: TBD
Christie Welch: Selling Honey in the Local Food Focused Economy

Break – Visit the Vendors
Awards—Election Results—Business Meeting
Like many of you, I’m busy inspecting my own hives and preparing them for winter. With fall quickly closing in with the strong smell of golden rod from the hives, it looks like it will be a good fall in my area. But there is a lot of bee and OSBA work left for the year so I’ll keep this letter short.

I had the opportunity to staff the OSBA table at the Medina Beekeepers Pollinator day at Al Root, September 22nd. While not heavily attended, we did get to visit with a number of beekeepers and the public that was interested in bees. While the building is no longer filled with beekeeping equipment and machinery, it’s definitely worth a stop if you are in the area. The showroom is filled with every fragrance of candle you can imagine, and you can still make out some of the building’s original structure on the inside.

A huge thank you to the 50+ volunteer and the local associations that made the Ohio State Fair tent possible again this year. An even bigger thank you to Nina Bagley who has been working all year to make the event a huge success. It’s our biggest outreach event to the general public and a great opportunity to get people excited about supporting beekeepers and planting for bees.

I’d also like to thank the Master Beekeeper Committee who put in a huge amount of effort over the past several months to put together the manual for the program. It’s long overdue and should go a long way to answer everyone’s questions and to help keep the program running smoothly for the future.

See you at the OSBA Fall Conference, October 31st, Plain City Ohio, It’s going to be a great time!

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**Presidents’s Letter—**

Tim Arheit

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**Gifts for a Lifetime of Learning**

Make sure to keep the beekeeping buzzing along year round with these great gift ideas that you can purchase on-line or at the OSBA Booths at conferences - save $$ on shipping and handling:

- Membership (or renewal) to OSBA
- Beekeeping Training DVD set
- OSBA Logowear

And remember: Gift certificates from our advertisers are appropriate year-round!
Now Available- The Save The Honey Bee License Plate

Starting on March 23, the Save the Honey Bee License plate rolled off the assembly line and onto the cars of enthusiastic beekeepers and people who are interested in supporting honey bees. After almost two years worth of effort by Paul Lane and OSBA, the long road of paperwork, signatures, appearances before the House and Senate, and much public support, the plates are arriving through the mail to smiling beekeepers. Not only will this plate help bring public awareness to the importance of honey bees and beekeepers, it will also provide funding for OSBA projects relating to research, education and outreach. One project with multiple benefits, thanks to a team effort.

Want to order one for yourself? Just go to www.oplates.com when you renew your plates. Under specialty plates it is listed as “Ohio Beekeepers”. What will your plate say?

New OSBA Life Members

The following beekeepers have shown their support of OSBA by becoming Life Member. Life Membership consists of a one-time payment to OSBA of $200.

   Joe Hahn
   Jeffery Miller
   Ron Zickefoose
Ohio State Beekeepers Association

Absentee Voting Ballots

Annual meeting October 31, 2015

Please place a check mark by your choice for each position. Only vote for the Director in your region

2015 Absentee Ballot

The new constitution passed at the Fall 2014 Conference allows for absentee ballots to be cast by its members to allow those who can’t make the conference to participate.

- Only one ballot per OSBA membership will be counted.
- Membership in OSBA must be current.
- If multiple ballots are received by a member, only the first one will be counted.
- Vote for not more than one individual per position.
- Write in candidates are allowed but must accept the position if elected.
- Ballots must be sent to the following address and MUST BE RECEIVED by October 28th, 2015

Mike Doseck
09866 N CR-66A
New Bremen, OH 45869

Executive Officers (Term 2016-2017)

President: _____ Tim Arheit
Vice-President: _____ Terry Lieberman-Smith
Treasurer: _____ Michele Colopy
Secretary: _____ Annette Birt Clark

Regional Directors (Term 2016-2018)

Ohio Valley: _____ Marishka Wile
Miami Valley: _____ Alex Zomchek
Heart of Ohio: _____ Larry Potter
Thanks to the Following Volunteers at the OSBA Pavilion at the Ohio State Fair

On behalf of the Ohio State Beekeeping Association and beekeepers from across the state, OSBA would like to thank the volunteers in the OSBA beekeeping pavilion at the Ohio State Fair. A record-setting 12,000-plus visitors passed through the pavilion this year and due to your efforts, more people are better informed about the importance of honey bees in agriculture and our daily lives. In fact, some visitors became so excited by what they saw and heard in the pavilion as to express an interest in signing up for a beekeeping class next spring!

The pavilion at the state fair is one of OSBA's largest outreach projects and we are very fortunate to have a dedicated group of volunteers to ensure the event's success.

Louise Adkins       Mike Hatter       Tom Rathbun
Nina Bagley        Joe Heiderer     Rusty Strader
James Barr         Bobbi Heiderer    Daniel Surina
Tina Bobek         Joyce Hubbell    Dan Theisen
Rich Brutsche      Mike Hubbell     Sheila Theisen
Terri Brutsche     Danny Huff      Jim Tippie
Chris Brutsche     Christy Kerns    Dwight Wells
Bob Clark           Paul Lane       Randall Westfall
Carmen Conrad      Karson Lane     Marishka Wile
Barry Conrad       Terry Lieberman-Smith Winnie Williams
Arnold Crabtree    Zale Maxwell    Mark Williams
Darla Crabtree     Susan Maxwell     Dwight Wilson
David Crawford    Roger Myers       Jerry Wilson
Marie Crawford     Judy Myers       Norm Wilson
Tom Davidson       Teresa Parker     Tim Wilson
Fran Davidson      Catherine Parker Hayden Wolf
Stephanie Devalencia Larry Potter    Clayton Woodard
Dan Grant           Rod Pritchard  Ron Zickefoose
Duane Hathaway    Dru Pritchard

Apimondia USA Bid for 2019 Update

The Apimondia USA Bid committee sailed through one of the many steps towards bringing the Apimondia Congress to the US.

The on-site visit to Minneapolis by the international committee from Apimonda was held during EAS.

This year, Apimondia will be held in Korea from September 15-20th.
OSBA Fall Conference— Saturday, October 31st 2015—Mark Your Calendars!

The Buzz is on in Plain City where the OSBA Fall Conference will be packed with a large colony of Ohio beekeepers. It may seem a long time until October, but before you know it the hectic beekeeping season will be over, and will be wrapping up 2015 with our fall conference. On Saturday, October 31, which is also Halloween. No tricks….only treats!

Our conference will include exciting, educational speakers and a wide variety of vendors...and a few surprises! Our Guest Speaker line-up includes Dr. Thomas Seeley, Kent Williams, and Dr. Reed Johnson.

Plus our annual Honey Contest, judged by James Thompson. As in past year, attendees can watch and ask questions as Jim assesses the entries.

Everyone will also have the opportunity to meet our for 4-H Partnership winners. The winners will be giving a short presentation on their beekeeping season during the general assembly.

Aside from gathering up great beekeeping information that you can use to plan your 2016 beekeeping season, The conference is also the perfect time to stock-up on your beekeeping supplies. Building equipment during winter is one of the best ways to get ready for the surge of Spring beekeeping activities.

Our conference will also include member voting on Executive Board Officers and three of our Regional Directors.

Although not on the ballot, we are looking for Regional Representatives for the 2016 beekeeping year. If you are interested in helping beekeepers across our state, please stop by the OSBA table at the conference for more details.

Thanks to an update in the OSBA Constitution, approved last year by our membership, this year’s elections will allow for absentee ballots. For members who are unable to attend, please fill out the absentee ballot on page 4, and return to Mike Doseck. Ballots must be received by October 28.
Honey Judging Event at the OSBA Fall Conference

The 2015 Fall Conference will feature open honey judging. Attendees will be able to observe the judging that takes place throughout the day. Judge James Thompson will answer your questions as he evaluates the entries. Get great hints on how to make your entries a prize winner. Enter your honey and win prizes and bragging rights!

Rules:

✓ Open to OSBA Members only.
✓ Entries must be pre-registered.
✓ There is no cost to enter the honey contest this year.
✓ The number and type of container required varies by category. (See the specifications in each category below).
✓ Entries must be turned in during registration the day of the event.
✓ Prizes will be awarded at the closing session at the end of the day.
✓ Entries may be picked up after the closing session.
✓ Any entries not picked up after the closing session will become property of OSBA to be given away or disposed of.
✓ All decisions by the judge are final.

Categories:

✓ Light Extracted Honey (includes water white, extra white, white, extra light amber): Three 1# glass gambler or queenline jars
✓ Wax: 1/2 pound to 1# entry.
✓ Flavored Granulated Honey: Three wide mouth glass containers ranging between 12 oz to 1 ½ pounds.
✓ Gift Baskets: Maximum of 12 pounds (total including the container and contents), and at least ¾ of the items must be produced by the beekeeper.

Prizes

✓ First Prize: Ribbon and $20 (one awarded in each category)
✓ Second Prize: Ribbon and $10 (one awarded in each category)
✓ Best of Show: Rosette and $20
OSBA - Annual Fall Conference
October 31, 2015
Tolles Career Center - 7877 US Highway 42 S - Plain City OH 43064
REGISTRATION
Mail Deadline October 21st

Online registration is also available at:
www.OhioStateBeekeepers.org/fc
Online registration deadline October 24th

Name: ____________________________________________
Email: ____________________________________________
Address: __________________________________________
City, State, Zip: ____________________________________
Phone: ____________________________________________
Names of Additional Attendees: _______________________

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Subway to Go Box lunch includes sandwich, lettuce, tomato, chips, cookie and beverage:

☐ Veggie Delight
☐ Turkey Breast
☐ Italian BMT

I will be entering the Honey Contest in the following categories (no cost, but pre-registration is required)

☐ Light Honey
☐ Wax
☐ Flavored Granulated Honey
☐ Gift Baskets

I will be bringing in two samples for Nosema Testing

Total Amount Due: _______________________

Send your registration and payment to: (Checks should be made out to OSBA)
Tim Arheit / OSBA
330 Sunderland Rd S
Delphos, OH 45833

Questions may be sent to webmaster@ohiostatebeekeepers.org
OSBA Affiliate Program Update

The major hurdle in making the OSBA Affiliate Program a reality in order to offer non-profit status, insurance and other benefits to local clubs is the required application to the IRS. The OSBA Board has approved the application fee and OSBA is working with the Greater Grand Lakes Beekeepers Association to complete all the required documents for submission to the IRS, hopefully by the end of the September.

There is no word on how long it will take the IRS to approve the application once it has been submitted. Once the approval is received back from the IRS, OSBA can then formalize the program documents and offer enrollment to all local associations in Ohio.

OSBA 4-H Partnership Update

Our 4H Partnership Program winners continue to be busy with their 4H projects at county and state fairs. Thanks to Alex Zomchek and Mike Doseck for serving as judges at the Ohio State Fair, it was a long day for both of them.

A special congratulations to 4-H partnership winner, India Bradford for her Outstanding award for her Senior Beekeeping project at the Ohio State Fair. Be sure to congratulate all the 4H winners at the OSBA Fall Conference October 31 in Plain City.
OSBA Conference Notes—More Than Just Great Education

Terry Lieberman-Smith

Planning is the best way to get your tasks accomplished. Waiting until the last minute, whether to feed your bees or purchase more equipment, will leave you on the short end and feeling frazzled. The OSBA Fall Conference is one of the great ways to get yourself ready for 2016. Planning on raising your own queens, or expanding your financial opportunities with comb honey? When you pre-order your equipment from our vendors you will save your wallet from paying shipping and handling costs. Buy now and spend the winter building and planning your apiary expansion.

EQUIPMENT

If you are like many beekeepers, you have noticed that much of your comb is getting old and looking a bit...worse for the wear. If you aren’t willing to have visitors see your equipment, then it is time to rotate out the old, and introduce the new. Once the cold weather sets in, most bee supply companies won’t ship wax….so consider purchasing your frames and wax at the conference. Nothing like a stack of new frames and comb ready for splits and swarms to warm a beekeepers heart.

Many of our vendors also sell bee related merchandise that will certainly add to the uniqueness of any holiday gifts that you are planning for friends and family.

Current OSBA Fall Conference Vendor Line-up:

- Bee Culture
- BEEpoehtecary
- Blue Sky Bee Supply
- Brushy Mountain Bee Farm
- Dadant & Sons
- Huron Bee Supply
- Kelley Bees
- Mann Lake
- Reid’s Apiary & Bee-tique
- Simpson’s Bee Supply
- Wicwas Press

RESEARCH

Hannah Whitehead, from the Environmental Sciences Graduate Program at OSU has developed a survey regarding Ohio beekeepers about their approaches and attitudes regarding Varroa control. You can help her research by filling out the survey at the conference.

HIVE HEALTH (Must be pre-registered)

Dr. Reed Johnson’s team will be performing Nosema testing at the conference. Here are the steps to go through if you plan on bringing specimens (DO NOT BRING LIVE BEES):

1. Identify the apiary that you would like to use for testing. Watch the colonies and pick the strongest and the weakest colony.
2. Sometime in October collect ~50 bees from the underside of the inner cover on the strong and weak hive and place into separate bottles or zip top sandwich bags. Kill and preserve the bees with rubbing alcohol. Mark the samples with your name and whether they were from the strong or weak colony.
3. Drop off your bee samples at the OSU table at the OSBA Fall Conference. They will have a short 1-page survey for you to fill out as well.

HONEY CONTEST (OSBA Members Only)

If you are a contest entering fiend, or if you have never entered a honey contest, why not take this opportunity to show off the products of your apiary. This year we have a new category: Wax.

So why not try your hand at creamed honey, liquid honey, wax….or get really creative with a basket of apiary based goodies. Certified Honey Judge, Jim Thompson, will be on hand to judge the entries.

NETWORKING

State conferences are the perfect way to meet your fellow beekeepers and listen in on some great side conversations. Bring some business cards with you to pass around in order to make sure you stay in touch with your new acquaintances.
Update on the OEEF Pollinator Habitat Planting Grant

On Saturday, August 22, after spending part of the day participating in the Bee Culture Pollinator event, the Pollinator Stewardship Council—Medina County Beekeepers Association—OSBA team visited one of the OEEF Pollinator Habitat sites in Wadsworth OH. This plot is located on a the property of a doctor’s office in a suburban neighborhood. Rather than overwhelm the neighbors with wildflowers from property line to property line, the owner planted the seeds within large flowerbeds, to help mimic the surrounding properties.
OSBA Sponsors Two of the 4-H Judges

OSBA Regional Director, Alex Zomchek and Mike Doseck, OSBA Regional Representative participated as 4-H Judges at the Ohio State Fair. The judges were faced with many well-designed and exciting projects, along with many nervous entrants. After a long day of judging, the winners were:

J-11 Beekeeping, Junior
Nathan McVay (Fulton) Clock Award
Natalie Galarza (Greene) Outstanding Award
Matthew Krueger (Henry) Outstanding Award
Camryn Martindale (Licking) Outstanding Award
Luke Randall (Seneca) Outstanding Award
Andrew Huffman (Fairfield) Outstanding Award

J-12 Beekeeping, Senior
India Bradford (Adams) Outstanding Award
Seth Abel (Licking) Outstanding Award
Kenton Dresbach (Pickaway) Clock Award

Thanks again to Alex and Mike for all their work. OSBA Vice-President, Terry Lieberman-Smith was on hand to congratulate the winners. OSBA looks forward to a great 2016 4-H beekeeping season.

Update on the OSBA Certified Master Beekeeper Program

The Ohio State Beekeepers Association Master Beekeeper Program, which began in 2012, currently has an enrollment of approximately 180 students. The OSBA Master Beekeeper Program goal is to provide a curriculum to expand the education of beekeepers through training, teaching, and mentoring. The program consists of three levels: Certified Apprentice, Certified Journeyman, and Certified Master.

The Master Beekeeper Program Committee has been working diligently to finalize the Rules and Procedure Manual for the Ohio State Beekeepers Association Certified Master Beekeeper Program. An updated brochure, as well as applications for the Apprentice, Journeyman, and Master Level are available for download from the OSBA website. The Master Beekeeper Committee consists of the following members:

Michael DeVaughn
Tim Arheit
Terry Lieberman Smith
Joseph Kovaleski
Tracy Alarcon
Donald Crock

Please feel free to contact any of the committee members with questions.
What is OSBA

OSBA is a non-profit organization with a mission to promote beekeeping in the state of Ohio. OSBA has a Board of Directors made up of 23 voting members. Eighteen of these members represent each of the nine regions of Ohio. They are the people who represent the membership and your region in all votes taken by the OSBA board regarding business of OSBA. You need to get to know your representatives.

The duties of the Director as listed by the Constitution:

The elected director will work with the beekeepers and local beekeeping associations and clubs in their respective regions to promote and implement the purposes of the OSBA within their regions. The Directors shall work to foster cooperation and collaboration between the local beekeeping associations and clubs in their respective regions. The directors shall have such other duties as assigned by the president or the board of directors. The directors shall attend all board of directors meetings with right of voice and vote on any matter brought before the board of directors. The directors shall report regularly to the Board of Directors regarding activities within their region.

The duties of the Appointed Representatives as listed by the Constitution:

The Regional Representative(s) nominated and confirmed pursuant to Article XI, A. & B. shall have voice and vote as full members of the Board of Directors. They shall serve a 1 year term commencing with the date of the first Board of Directors’ meeting in January and concluding on December 31st of the same year.
Receive a 5% discount when Dadant brings your order to the OSBA conference. Customers must call the Kentucky Dadant branch 1-888-932-3268, fax it in at 502-848-0009 or email the order to Clay Guthrie at ceguthrie@dadan
t.com or the office director Tasha at dadantky@dadan.com. When you place your order with the Dadant KY branch, just mention to one of the associates about being part of the OSBA FALL MEETING that will be in Plain City, OH. The 5% discount is only good for orders placed through the KY branch. It is not applicable for internet orders or orders placed at any other branch.
Winners in the Ohio State Fair Honey Contest—Sponsored by OSBA

Thanks to our OSBA sponsored Honey Judges—Jim Thompson and John Grafton.

Place
Honey-water white and extra white
1. Diman, Dan (Best of Show)
2. Bagley, Nina
3. Williams, Winifred

Honey-white (34mm)
1. Williams, Winifred
2. Lieberman-Smith, Terry

Honey-extra light amber to light amber
1. Lieberman-Smith, Terry
2. Davidson, Fran

Honey-amber and dark amber
1. Bagley, Nina
2. Davidson, Fran
3. Crawford, Marie

Honey-creamed/granulated
1. Lieberman-Smith, Terry
2. Crawford, Marie

Honey frames
3. Davidson, Fran

Bee/Honey gift item
1. Lieberman-Smith, Terry (Best of Show)

Honey BBQ Sauce
1. Bagley, Nina (Best of Show)
2. Powers, Shaun
3. Lieberman-Smith, Terry

Bread
1. Radke, Nancy
2. Moscato, Michael
3. Cummings, Sarah

Brownies
1. Maher, Theresa
2. Price, Margaret
3. Moscato, Michael J

Pie
1. Radke, Nancy
2. Conrad, Tess
3. Mcdougle, Kristyne

Cake
1. Smith, Megan
2. Maher, Theresa
3. Gill, Janet

Cookies
1. Gill, Janet
2. Bobek, Christina
3. Krauss, Beth

Photography
1. Pence, Erin
2. Krauss, Beth
3. Krauss, Beth
This is the second year that I have completed a honeybee survival study for the Guernsey Noble Beekeepers. In comparing one winter survival to another can have many variables because of the variances of Fall-Winter severity. Combining these factors with hive strength, parasites-disease and food stores are important issues in maintaining winter survival of honeybee colonies. Beekeepers can increase winter survival with their timing of interventions. Stronger healthy colonies improve the attributes of winter variables. Experienced beekeepers tend to evaluate food stress and hive strength early and intervene by either taking less honey and/or supplement with fall feeding.

The data that I collected for the 2015 winter loss was between April 2014 through March 2015. There was no distinguishing between nucs or full size colonies. The study consisted of 16 members from our club with 113 total colonies. Four beekeepers had over 10 colonies while the remaining members averaged 3.4 colonies. My data from the prior year (2014 winter), showed only a 52% survival rate. The 2015 winter was more severe and longer but the study survival rate was 72% or only a winter loss of 28%. This was better than the reported information by the Bee Informed Partnership's national average of 40% and the Ohio specific statistic of 49.8%.

From the Guernsey Noble Beekeepers, I found fall feeding was done by 56% of the participants and 25% of the beekeepers supplemented winter feeding. Another important factor for winter survival is a low mite count which is a large reason for colony decline and health. The data showed that 31% of the beekeepers used some type of mite treatment. Various mite treatments were (IPM), HopGuard, Apisten Strips, Mite Solution and Apigard. The treatments varied throughout and there was not one form of treatment used more than another. The health and food sources of a colony is vital to survival in the Ohio winters.

The Board Members at the Guernsey Noble Beekeepers has taken a special interest as their mission to share and mentor the new club members. This year the club assigned a mentor for every new beekeeper that completed our beginner’s bee class. We recognize that beginners’ beekeeping classes are not sufficient in developing successful beekeepers. We are using this to strengthen our club and promote beekeeping in our community. With the increase communication technology, we can be available through emails, photos from the hive and answer questions as they arise. We can’t guarantee success, but we can be there for sharing techniques and motivation. I can’t verify the mentoring is the factor in increased success, but I do believe it is the reason that our club’s attendance has increased by approximately 40%. On the next page is the data that was collected to complete the study.

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Buckeye Queen Producers Update

2015 has been a very busy year for the Buckeye Queen Producers (BQP). In collaboration with the Heartland Honey Bee Breeders Cooperative (HHBBC) and Purdue University the BQP members have 20 inseminated breeder queens added to their breeding stock. Approximately 2000 mated queens, many virgin queens and a multitude of 48 hour queen cells were produced in the 2015 season.

Overall, BQP have approximately 30 breeder queens that can be used to rear production queens for beekeepers in Ohio. Remember that the breeder queens’ daughters produce drones that reflect the genetics of the mother breeder Queen.

For additional information, please visit the Buckeye Queen Producers website at Ohioqueens.org and also visit the Buckeye Queen Producers booth at the OSBA Fall Conference on Oct 31, 2015.

OSBA has provided funding for this group.
### Guernsey Noble Bee Club - Winter Loss 2015 study

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<td>10</td>
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<td>31%</td>
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<td>Percent of people who loss none</td>
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<td>Total loss by Colonies</td>
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<td>Survival Rate</td>
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<td>% beekeepers treated for mites</td>
<td>31%</td>
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<td>% beekeepers who lost more than 40%</td>
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<td>% beekeepers who lost none and did not treat</td>
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<td>% beekeepers who loss none and did not feed</td>
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<td>% beekeepers who fed fall</td>
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<td>% beekeepers who fed winter</td>
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<td># people who had over 10 colonies</td>
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<td>Ave colonies/remaining members</td>
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Monday - Friday: 10 a.m. to 6 p.m.
Saturday: 10 a.m. to 2 p.m.
(Closed Sundays)

(Nov. 1 - Feb. 28)
Monday - Saturday: 10 a.m. to 2 p.m.
(Closed Sundays)

Check out Lorain County Beekeepers Association
www.loraincountybeekers.org
OSBA Outreach to New Beekeeper Classes- Don’t Have Your Association Miss Out in 2016

This year’s outreach to those enrolled in New Beekeeper Schools sponsored by local associations was outstanding. We sent out almost 1000 OSBA Care Package Plus. Each student will receive some OSBA educational information, pocket notepad and pen, PLUS one year introductory membership to OSBA. We all know that beekeeping is not an inexpensive activity, and we want all new-bees to get off on the right track—education, fellowship and awareness of all that OSBA offers.

We are planning on offering this program again in 2016. We will be sending out information at the beginning of next year—Make sure that we have your association’s contact information! Send your information to:

Tim Arheit: president@ohiostatebeekeepers.org
Or
Terry Lieberman-Smith: vice-president@ohiostatebeekeepers.org

OSBA Podcasts– Have You Listened In?

During the past year, almost 2000 beekeepers listened in to the OSBA Podcast Central. OSBA Podcast Central offers yet another educational options for busy beekeepers.

Now that the 2015 beekeeping season is rolling around to a close, more podcasts will be posted between now and the beginning of 2016.

Stop by and take a listen…..you never know what you will learn.

OSBA Website...Did You Know?

The video series by Dr. Jim Tew and John Grafton on the OSBA website (www.ohiostatebeekeepers.org) has over 100,000 hits since they were posted over 2 years ago? They are available free, on-line.

Another example of OSBA providing great education for beekeepers.
Buzzing About
OSBA

4-H
We’re working to put funding together to help promote our next generation of beekeepers

Club Development
Need a club in your area? OSBA has a "How to Start a New Association Guide" Contact your OSBA Director or Regional Representative.

Beekeeper Education
Visit us on the web. Explore our electronic educational pages.

Community Awareness
“Save the Honey Bee” License plate will increase public awareness, and provide funds

Funding for OSU Honey Bee Research
OSBA donation to further studies at The Ohio State University Beelab.

OSBA Educational Conference
OCTOBER 31, 2015
Reserve the Date! for the Fall Conference in Plain City

You

Master Beekeeper Program
Self-paced 30 tiered education program. Get out of your comfort zone and learn new skills!

Webinars/Podcasts
Specific programming reaching into the comfort of your own home, on your own schedule.
Association Corner

From Alex Zomchek – Miami Valley Region:
Warren County Beekeepers will be having their Annual Picnic and Swap Meet on September 13—a always a popular event.

Greene County Beekeepers continue to have timely and interesting meetings. The Annual Honey Harvest provided the general public to learn about honey bees and the importance of pollination. Candle rolling and watching live apitherapy demonstrations were popular activities at the event.

From Mike Doseck—Top of Ohio:
The GGLBA Vice-President Ray Moeller was the July speaker who discussed various beekeeping topics as questions were presented from the club. Most topics concerned general management during the summer months and how to handle swarms. Later in July, Ray held a field day at his home where the club participated in making splits and re-queening hives. There were over twenty members present and after the day with the girls, all enjoyed a wonderful carry-in supper. We all appreciated Ray and Lynn Moeller’s hospitality. August had no monthly meeting, however the club did a beekeeping presentation at the Mercer County Fair on Tuesday August the 18th. Damaris Murphy, Ron Stucke, Mike Doseck and Ray Moeller each gave part of a team talk and after the presentation answered questions from the audience. The September meeting will feature Dwight Wells, Regional Director, who will discuss Fall management practices and Winter preparations.

Miami Valley Beekeepers had another successful Honey Harvest this year. Carson Combs, from Mockingbird Farms, will be the guest speaker in September.

From Dwight Wilson—Maumee Valley Region:
Although Northwest Ohio Beekeepers Association takes the summer off from meetings, we staffed a club table at the OSBA Pavilion at the Ohio State Fair. Our regular meetings will start back up in September.

From Jason Bosler—Crossroads Region
The Mid Ohio Valley Beekeepers’ Association members have been enjoying a very good nectar flow this year. Even though the flow was heavy, it was not without problems. Many members reported nectar being stored in the brood area instead of the honey supers. As a result, swarming was an issue. Close attention had to be taken, due to the heavy flow and a good build-up of colonies in the spring.

Speakers for this year included Ohio State Apiarist, Barb Bloetscher, with West Virginia State Apiarist, Wade Stillner, scheduled for the August meeting.

The Honey Bee Expo committee has been working to line up speakers and topics for the 2016 Expo. The date is Saturday, January 30, 2016 on the campus of West Virginia University Parkersburg. Good time to get those calendars marked. Information will be posted on the club’s website: movba.org. Keep checking for classes, speakers, and vendors. Registration forms will also be posted. Hope to see everyone there.

The Mount Eaton Area Beekeepers September 15 meeting features Dr. Tew who will speak about overwintering bees.

There will be a fall meeting also held for the 62 S. Beekeepers who will also be discussing for management practices and what it takes to get your bees for the winter. The Tuscarawas County Beekeepers are currently working on processing hive products; in August we discussed how to process wax and what the additional steps are to get it ready for the fair; in September we are planning to host a mead making seminar and are hoping to have McAlpine meadery in to speak.

In our general area we are just starting to experience the Goldenrod bloom it is quite spotty at this point but looks like it should be quite good due to the amount of it out there and heavy morning dews. Low lying areas seem to be holding some moisture but upper levels or hills are quite dry and desperately needing a good rain shower. Honey production seems to be down quite a bit as people are skeptical as to what type of flow we will have this fall so not many are taking off their hives at this point.

Guernsey Noble Beekeepers will be hosting a honey judging show for the October meeting. To enter the contest, you must be a club member. John Grafton will be our judge. A win gives you bragging rights for an entire year.

The Coshocton County Beekeepers spent much of the summer in our club apiary. In late spring, we gathered at the apiary, inspected the hives, and split them as far as we could. We let the hives raise their own queens and did not feed them. The last several meetings, also in the apiary, focused on mites. We took turns doing an alcohol wash on each hive and recording the results. We discussed/ debated which hives to treat, what treatment, and why. All hives had more than 3% mite population; the worst had (Continued on page 22)
close to 20%. After the treatment period we again did the wash to see the results. The control hives stayed the same but the other hives had mite populations cut in half. Several were re-treated to bring the mites down to the recommended 3%. All of the members were very engaged in these activities and learned a great deal to take back to their own hives.

From Tracy Alarcon– Western Reserve Region:
It's been a very interesting season here in the Western Reserve Region with colonies all over the place.

Just like the rest of the State we had a pretty nice month of May; June on the other hand was extremely wet! Most of our area had only one or two days without rain for the whole month of June! This made it hard for the girls to go out and forage and many colonies suffered because of this. It also made it difficult to raise queens, well they could be raised but getting well mated was another story!

July and August have been very dry. For the colonies that did have plenty of food to make it through June, they started swarming in July! There have even been reports of colonies swarming as recent as August 28th! Unless they were captured and hived they will need a lot of luck to make it through Winter!

There are a number of educational opportunities coming up in the Western Reserve that you don’t want to miss! All the meetings below have been submitted for OSBA Certified Master Beekeeper credit, for more info: http://www.ohiostatebeekeepers.org/resources/master-beekeeper-program/approved-classes/

Medina County Beekeepers Association– Sept 21
www.medinabeekeepers.com
Speaker- Phil Craft
Topic: Helping our Bees Prepare for Winter*

Medina County Beekeepers Association Oct 19th
www.medinabeekeepers.com
Speakers: Dave Duncan and Ellen Harnish
Topic: Lotions and potions and soap.

Summit County Beekeepers Assoc. Oct. 23rd
http://www.summitbeekeepers.com/calendar
Speaker: Randy Oliver:
Topic: Biology and Management

Bee Culture Magazine Oct. 24th and 25th
http://www.beeculture.com/events/the-four-pillars-of-honey-bee-management/

Lorain County Beekeepers had another great sales year at the Lorain County Fair. The Honey Town Theme

with the train rolling through, entertained the kids.

From Tom Rathbun—Erie Basin
The Sandusky River Valley Beekeepers Association will be having their annual field day club picnic on Sunday September 6th, a family picnic will be hosted by the club along with honey extraction for the new Beekeepers. The club has also attended the County Fairs (Sandusky, Erie and Huron counties) within their areas, talking about bees with a Observation Hive and promoting the Bee Club. The

Lorain County Beekeepers had another great sales year at the Lorain County Fair. The Honey Town Theme
Queen Right Colonies will be the guest speakers. More club buzz goes on September 26-27 at the Heritage Days at Malabar Farms where they will be inspecting hives, discussing bees, and selling honey.

**Black Fork Bee Club’s** September 10th meeting will cover the topic of Winter Preparation. Their October meeting is on the 8th.

**From Marishka Wile– Ohio Valley**

The Adams County Beekeepers Association is one of Ohio Valley’s best kept secrets. It has had an active membership for over 4 1/2 years, first established in January 2011.

The ACBA meetings are held on the third Thursday of each month February to October at 7 pm at 9849 State Route 41, West Union, Ohio in the annex building of the Bible Baptist Church. Visit [https://www.facebook.com/pages/Adams-County-Beekeepers-Association/214316711916893?ref=ts&ref=br_tf](https://www.facebook.com/pages/Adams-County-Beekeepers-Association/214316711916893?ref=ts&ref=br_tf) before attending.

Adams County boasts three very special young members. The Ohio State and the Adams County Farm Bureau provided the club with a grant for a youth scholarship program which provided equipment, bees, and mentoring to new young beekeepers. Aden Newman, one of the youth scholarship recipients, had a winning 4-H project that was selected for presentation at the Ohio State Fair. The other scholarship winner is Jace White. He is having good success with his spring Nuc beehive and also caught a swarm earlier in the season. India Bradford is a member of the Adams County Beekeepers Club and a proficient beekeeper. She became the Ohio State Beekeepers Association 4-H Partnership Program winner. She was one of five recipients and received funds to help offset the costs of beekeeping equipment, classes and bees from the OSBA. India submitted a 4-H beekeeping project at the Adams County fair this year and was selected to participate in the Ohio State Fair with her “Future Plans in a Beekeeping Career” project. She placed at the fair and received a ribbon for “Outstanding of the Day”. Thank you so much, Aden, Jace, and India, for encouraging the younger generation to become more interested in beekeeping.

At the Thursday, September 17th, 2015 meeting, the membership will be hosting a special guest speaker, Kevin Hale of Hales Honey from Menifee County Kentucky. He will be discussing the fall and winter management of honeybees. This is Kevin’s second visit to the Adams County Club this year and he is returning by popular demand.

The Brown County Beekeepers Association had a great program lineup for the third quarter of 2015. In June, Highland County Beekeepers Association past president, Jim Higgins, gave a presentation on Apitherapy and the medicinal qualities of honey. July’s program was an open forum style meeting with special guest speaker Marion Ackman from the Warren County Beekeepers Association/SWOBA groups. Members were encouraged to come prepared with questions and all found answers during this very informative meeting. In August, BCBA hosted OSBA’s own Vice President Terry Lieberman-Smith as guest speaker. Pens were flying as she gave a very timely and well-received presentation on Honey Judging. Thank you Terry for going the distance! Many club members found inspiration to enter their honey in the upcoming Brown County Open Honey Show. A representative of the Brown Co. Fair will be at the September meeting to get participants registered and to sell season passes (required for entry in the honey show). Alternatively, contestants can also register and purchase tickets on Sunday, September 27th at the Brown County fairgrounds between 1:00pm and 4:00pm. Also in September, Liz Tilton will present “Revisiting Top Bar Hives and Preparing Your Hives for Winter.” In October, Jim Coss of the Honey and Bee Connection in Morehead, Kentucky will be discussing “How to Increase Your Hives Inexpensively.” BCBA meetings always have something for everyone, whether you are a veteran beekeeper or a novice. For more information about BCBA, its meetings, and for area swarm calls, visit [www.browncountybeekeepersassociation.org](http://www.browncountybeekeepersassociation.org).

The Highland County Beekeepers Association offered informative instruction in June on the proper use of smokers, and the condensing of brood boxes for fall and winter preparation. July’s meeting turned out to be very sweet when past president Jim Higgins brought a dozen Australian honeys for taste testing. Beekeepers Day at the Highland County Farmer’s Market was a great success for the club members who sold honey. Also in August, the membership continued to offer practical advice on restructuring boxes for fall, and club member Tony Hermes demonstrated how to separate honey from wax cappings. The club’s membership is small enough to encourage even the most reserved members to ask questions, but large enough to have beekeepers at all experience levels offer advice.

For more information on HCBA visit: [http://www.highlandcountybeekeepers.com/](http://www.highlandcountybeekeepers.com/)

**From Heart of Ohio:**

Knox County Beekeepers’s had a bee yard full of members at the August bee yard meeting. They discussed mites, feeding, venting, harvesting, super management, and general over wintering techniques. There

(Continued on page 24)
This is an old tradition among beekeepers to “Tell the Bees” whenever a change happens in the beekeepers family. You may Google “Telling the Bees” and find a poem from the 1800’s about this subject. You will also find some history on the subject. What OSBA wants to do is to recognize any beekeepers that have recently passed away.

All associations or individuals are asked to forward the name and home county of the beekeeper and the date of death, if available. Any personal info may also be beneficial such as how long they may have kept bees, any offices they may have held in beekeeping associations, etc.

Please appoint someone in your association to notify an OSBA officer when a loss occurs so proper recognition can be made.

Notify Ron Hoopes, Memorial Committee Chair at: beefarm2003@AOL.COM or cell 740.624.1683 if you have notices to pass on to the newsletter.

Ron Hoopes

Lowell Martin, beekeeper, passed away at the age of 73 on September 8, 2015. Lowell had bees since his youthful days in Kentucky. He was a long-term active beekeeper in the Miami Valley Beekeepers Association. Lowell was a strong supporter of beekeeping and he showed his enthusiasm by coordinating the club’s table at the Miami County Fair, participating in the club’s annual honey harvest, maintaining the apiary, and mentoring innumerable numbers of new-bees. He will truly be missed by the beekeeping community.

Association Corner (Continued from page 23)

next regular meeting will be on October 19th. Club members can borrow the new extractor and refractometer.

Urban Beekeepers of Central Ohio (UBCO) in the Columbus area has had a great start for their first year with around 40 members. Members have enjoyed listening to great speakers educating them on various topics. October’s speaker will be Joe Latshaw speaking on the topics of overwintering and nutrition. UBCO meets on the second Thursday evening of the month (Feb-Nov) at St Andrew Presbyterian Church

East Central Ohio Beekeepers is hosting a conference on September 19th. For more information visit: http://www.e-coba.org/

Central Ohio Beekeeper’s August guest speaker was Phil Craft. Barb Bloetscher, State Apiarist, is the September guest speaker. October is a general meeting and elections.

Scioto Valley Beekeepers were busy this quarter. Many of its members helped educate the public by volunteering at the OSBA Pavilion at the Ohio State Fair. The club members also host the honey extracting demonstration at the Lithopolis Honeyfest. The current issue of Ohio Magazine has a short feature on the Lithopolis Honeyfest. A photo, taken last year, shows SVB member Ken Edmonds extracting a frame of honey with our sign, “Scioto Valley Beekeepers,” hanging prominently in the background. One of our September activities is the ever popular Fall Bonfire. Congratulations to Dan Williams, Shaun Bennett and Georgie Bennett, the top winners at the Ross County Fair in the honey contest. The Scioto Valley Beekeepers provided an educational display at the local farmers market in Circleville on Aug. 26. Louise Adkins, Tina Bobek, Jo Shuman and Jacob Shuman spoke to many visitors about how to get started in beekeeping. This was the first year for the exhibit, which attracted considerable attention. Thank you Louise, Tina, Jo and Jacob for volunteering your time.
Three trillion. That is the number of trees on Earth according to a recent study out of Yale University. Why is this of interest to Ohio beekeepers?

I ask the readers indulgence here. There are some beekeeping lessons to be learned outside our immediate beekeeping discipline. Let me make the case.

Perhaps the first surprising thing about the newly established 3 trillion trees estimate is that the earlier agreed estimate was around 400 billion trees. That is an under-reporting error of some 7.5 times. Interestingly, improved satellite mapping resolutions and enhanced software account for most of this new number.

But do most of us really grasp just how big a number like 3 trillion is (3 followed by 12 zeros – 3,000,000,000,000)? There is a certain lore surrounding large numbers. Such numbers are outside most of our everyday experiences so we fail to develop an intuition for big numbers.

Even seasoned beekeepers are often stymied when confronted with the fact that a single hive must seasonally visit over 400 million flowers (!) to feed itself and give the beekeeper an average honey crop. And what if you have ten hives? Or 100 hives – the floral count can skyrocket to over 40 billion!

Aside, nectar abundance, or really the lack thereof, is one of the major reasons to limit the number of hives in any one apiary. You can have a reasonable nectar flow and your apiary as a whole can still starve.

Sometimes it helps to compare new large numbers with other large numbers we know. For instance, 3 trillion trees are more than the number of stars in the Milky Way galaxy. It also happens to be more than the number of cells in the human brain.

Making similar comparisons can also add perspective. For example, most folks are aware that the national debt is approximately 18 trillion dollars. But when we compare this seemingly incomprehensible number to other large financial numbers like the personal debt number in the U.S., which is about 17 trillion; or mortgage debt which is about 14 trillion; or student debt which is approximately 1.2 trillion, or credit card debt which is close to 1 trillion dollars. We can and should have a debate about deficit spending, but suddenly 18 trillion does not seem quite as farfetched when put into context of similar number large numbers.

Large numbers can also become more meaningful when we bring them into the context of our everyday lives. I was driving back from Kentucky recently when I started noticing dead trees in the canopy. Like many of you I had heard of problems with ash trees, but had not focused on the issue. By the time I arrived home in Oxford I was literally shocked at the sheer numbers of trees that had perished. Weeks of driving since and I come to realize that you cannot drive down any forest-lined roads in Ohio without seeing the ever pervasive and ominous die-off of ash trees.

Similar to the beekeepers’ ubiquitous varroa mite infestation, this tree infestation has been brought about by an invasive beetle - the Asian emerald ash borer. Both varroa and the ash borer came from Asia with varroa arriving around 1987 and the ash borer in 2002. Aside: Though some would still argue about the role of humans on global climate change, there is no doubt of mankind’s role in bringing invasive species across continents.

Of the 3 trillion trees on Earth approximately 228 billion are in the United States. Of these 228 billion approximately 7.5 or 3.3% are ash trees. Though ash trees could see a near extinction event (a die-off ten times larger than the one caused by Dutch elm disease) this still represents a relatively small percentage of trees taken as a whole. Compare this to honey bee mortality.

We can argue about the specific numbers associated with the various causes of honey bee mortality, but we have to generally agree that the overall mortality numbers are large and getting larger. I grew up in a 3-5% hive mortality world. Now the numbers routinely being reported around Ohio into surrounding states is 50% and higher. We have all but seen the feral collapse of honey bees. Could this happen to managed colonies?

Bees can be replaced faster than trees; but is what we are currently doing sustainable? Inroads are being made to understand the specific nature of hive mortality, but this is a long way from arriving at working solution. We know what is specifically killing the ash trees but are seemingly helpless to do something about it. We only have a loose handle on the complex interactions of things killing our honey bees.

Insanity, colloquially defined, is doing the same thing over and over and expecting a different result. Replacement

(Continued on page 27)
Record Keeping—For Apiary Success

Roy Hendrickson

If I only have a few colonies, why should I keep records? Good question. Records, colony management and bloom records in particular, provide a multitude of useful information. Let’s start with bloom dates. Honey plant bloom records need not be complicated. I use a spiral notebook to record the honey plant blooming sequence, along with the associated honeyflow conditions. A typical line out of the notebook might read; 5/31 - Locust about to start, full bloom to west; European Buckthorn in bloom, Honeysuckle & Russian Olive about done; or 9/6 - Goldenrod blooming well, somewhat ahead of schedule, upper 80°, humid, some flow, cooling off in a couple days. Nothing fancy, just a rough idea of the current situation. Once you accumulate a bloom history, it becomes possible to forecast a specific plant bloom based on previous blooms. For example, I know that in my area Black Locust will start blooming somewhere between ten to twenty days after Dandelion has finished, depending on the daily temperature average. If I’m able to predict or anticipate the start of the locust bloom, (i.e. the main honeyflow) I can then fine tune my colony management to take full advantage of their production potential. The same would hold true for any major bloom. The knowledgeable beekeeper will be prepared, everyone else will just be guessing!

Colony management records are a bit more extensive. I keep specific colony or yard records in the same notebook as bloom records. I also use the winter lid rocks as swarm season problem indicators. And finally, I employ 1 by 2 inch pieces of Lauan (a type of plywood, herein referred to as code squares) as in-hive situation indicators. (Some beekeepers record information on duct tape on the outer covers, inside or out. Others write on the outside of brood boxes.) The code squares are placed along the back edge of the inner cover. Once the outer cover is removed the noted characteristics are immediately visible.

I’ll explain the system in reverse order. Using a Sharpie marker and a simple code system, I’ll note specific colony condition on a code square. For example, C/M 5/4 indicates that the queen was clipped and marked in May of 2014. C/M 7/3 would translate to July 2013. If I locate the queen in either of those colonies I immediately know the specifics. If the queen is unmarked, I know the colony has gone through a queen supercedure, or it has swarmed. Another example, M/C 6/10 (9) would translate into mite check on June 10th of the current year. The number in parenthesis indicates the number of mites shaken out in a 150 bee alcohol wash. I also use code squares to identify queens with positive characteristics. In this instance I assign a number which is referenced back to a second notebook reserved specifically for queen records.

The lid rocks are used to note colony strength coming out of winter. Come spring they’re used to indicate swarming status or intent. Lid rocks moved to the front of the outer cover indicate the colony is intent on swarming. Rocks positioned to the back indicate the colony has some sort of queen issue and is possibly queenless. Rocks in the center, but to the outer edge, indicate that colony has swarmed. No rock means all is well. It seems overly simplistic, but it’s a great way to determine swarm status at first glance.

Colony management records are recorded in general terms throughout the active season.

The first entries of consequence involve colony equalization data, swarm control measures, and supering dates. Honeyflow conditions are routinely noted, as are crop removal and late season feeding requirements. Late season data on colony condition and winter preparation round out the log. Mite sampling results and treatment data are noted on a separate page. As with the bloom records, management information is recorded in a condensed format. The idea is to create a simple, easy to understand format that can be used for comparisons between yards and from season to season. If you keep bees in more than one location, yard comparisons can sometimes yield startling results. This alone is more than enough reason to record colony management and honey plant bloom data.
breeding is the current weapon of choice for most beekeepers. To put it boldly we have “bee-puppy mills” churning out the same old product year after year. We need regimented and progressive breeding programs similar to those found in most commercial animal breeding endeavors.

The reported large die-offs in trees and bees can seem daunting if not downright futile. But if we put these large numbers into context (like the national debt or the sum total number of trees) then there is room for hope.

It is cold comfort indeed to realize that beekeepers and “treekeepers” face similar and potentially catastrophic die-offs. There are many others working on different, but similar, complex environmental issues local to Ohio and likely there is an opportunity for cross pollination of resources that can be applied specifically to our hive mortality problems.

Hopefully I have made my case that global tree counts are not as far removed from the Ohio beekeeping community as one might think. Is three trillion trees too few, too many, or about right? Is our current number of hives too few, too many, or just about right? Interesting questions now that we have some appreciation for these two similar, but different species die-offs.

With all this said the emerald ash borers and varroa mites are here to stay. To continue to plant more of the same ash trees; to continue to breed more of the same bees is ultimately futile. To put it boldly: we need different trees, we need different bees. And the sooner the better.
The Evolution of the Smoker— We Take it For Granted!
Editor’s Corner

Hard to believe that we are wrapping up yet another beekeeping season. It seems as if just yesterday, we were all hoping our bees would come out of winter healthy enough to maybe swarm? I know that the past two years with OSBA has been a’buzz, and sometimes a blur, with incredible beekeeping activity, momentum, and delving into new territory.

The “Save the Honey Bee” license plate can be seen on many vehicles throughout the state. Does your car have one? Revenues from the $15 that each plate brings in, goes to on research, education, and outreach. As long as these plates are purchased and renewed, the monies will go a long way to help promote beekeeping and honey bee sustainability in our state.

The OSBA 4-H program had 21 applicants for the available five scholarship slots. Not bad for a freshman program. This year we will work on better communication to help increase the awareness and need for 4-H beekeeping.

The OSBA Master Beekeeper Committee has worked diligently to codify the program by developing a handbook for those people involved in, or interested in, the OSBA Certified Master Beekeeper Program. The committee spent many hours making sure that the handbook will help define the program for years to come. This document, along with updated approved classes, can be found on the OSBA website under the Master Beekeepers tab.

The OSBA’s Pavilion at the Ohio State Fair grows by leaps and bounds, and attracts more beekeeper volunteers and crowds every year. I had the opportunity to spend many days volunteering at this outreach opportunity, and the public enthusiasm combined with excitement of the volunteers truly shows that by working together, OSBA and local associations can make a positive impact in the beekeeping world.

Here’s a number for you, 100,000. Actually over 100,000 is the number of hits the OSBA training DVDs have had since they were first posted on-line two years ago. We are working with Dr. Tew and John Grafton to develop a 2nd set of training videos to cover the topics of Pests, Diseases and Predators. ODA may not consider this worthy of funding, but OSBA is moving forward to ensure that OSBA can provide the best information to beekeepers across our state.

Pollinator habitat is another area that OSBA helped support in the past 2 years. Partnering with Pollinator Stewardship Council and Medina Beekeepers, we helped provide seeds for over 30 acres of land, along with monies for 4-H.

We are also working with an Ohio company that specializes in native seeds, to develop a special urban/suburban seed blend (no 6 foot tall plants, please) that will provide pollinator nourishment from Spring until Fall. These seed packets will be available on-line and at our Fall Conference. How about a packet of seeds for your favorite customers, neighbors, or parks district—help them provide a food oasis for your bees.

New Beekeeper Outreach—we have sent out over 1000 new beekeeper “welcome” packets to local associations for their Beekeeping School students.

Other projects to be rolled out include The Apiary Diagnostic Kit (revealed at the Fall Conference), the OSBA Affiliate Program, absentee ballots…etc, etc, etc.

Your OSBA Executive Board has been hard at work for the past two years to help make OSBA the resource for Ohio Beekeepers.

Terry Lieberman-Smith

No Teaspoons Allowed
(recipes that really use honey)

Yummy Peanut Butter and Honey

Sometimes freshly ground peanut butter can be….a bit pasty and makes for a dry sandwich. And honey sometimes leaks out of the PB&J sandwich. The solution? A delicious and easy blend of peanut butter and honey…ready for spreading on your toast or in a sandwich.

1 part peanut butter
1 part honey

Mix together and store in the fridge. The picture shows it served with homemade raspberry jam, sweetened with…honey!

For extra flavor and fun, why not add a bit of hazelnut chocolate spread?
IN YOUR HIVES.
OFF YOUR MIND.

In order to get the longest life out of Varroa control products, rotation is essential. Mite resistance can develop in a short period of time and that is why it is key to rotate your control materials with products like Apistan®. Rotating on an annual or semi-annual basis with products that have different modes of action will help manage mite resistance. Start your rotation program with Apistan®.

For more information, call 1-800-347-8272 or visit www.centralapiary.com.

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## 2015 OHIO STATE BEEKEEPER’S ASSOCIATION
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### Staff Appointments:
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### OSBA Mission

The Ohio State Beekeepers Association serves beekeepers in Ohio and is associated with other organizations who have an interest in beekeeping.

- Provide our membership with current beekeeping information and represent them when beekeeping issues arise in Columbus and at the Department of Agriculture.
- Provide our membership with a quarterly newsletter.
- Members can receive a discount on American Bee Journal Magazine.
- Provide educational meeting once a year (Fall Conference).
- Support other beekeeping organizations in the state of Ohio by providing speakers, and publishing information about their activities in our newsletter.
- Support the 4-H project in Ohio. Any 4-H member working on a beekeeping project can get on our mailing list for our newsletter. Some OSBA members also serve as mentors to these young people.
- Support our Ohio State University bee programs — research and extension.
Ohio State Beekeepers Association 2016 Membership Form

Ohio State Beekeepers Association is a 501c3 non-profit organization supporting people who have an interest in honeybees and beekeeping. You do not need to be a beekeeper or live in Ohio to join OSBA. Membership includes ongoing activities of the association to promote honeybees and beekeeping, voting in annual elections, discounts on publications, and an annual subscription to Ohio Beekeeping.

For new memberships and renewals, send checks payable to OSBA with this completed form to:

Floyd Ostrowski, OSBA Secretary
3321 Buckhaven Dr.
Richfield, OH 44286

Name: __________________________________________________________
Address: __________________________________________________________
City: ______________ State: ___ Zip: ________________ County: __________________
Phone: (____) _______ - __________ Email Address (Print neatly) ______________________________

Name of Local Bee Association: ______________________________________

☐ $15.00 Senior (age 60 or over)/student membership for 1 year
☐ $20.00 Individual membership for 1 year
☐ $25.00 Family membership for 1 year
☐ $200.00 Lifetime membership (individual or family)
☐ I want to receive the newsletter by email only (no hardcopy)

I would also like to donate ☐ $5 ☐ $10 ☐ $20 ☐ $_________ to support 4H and honey bee research

Membership is based on the calendar year, January through December