Ohio Beekeeping

The Newsletter of

Ohio State Beekeepers Association

Volume 2, Issue 4

October 2013

Fall OSBA Conference
November 2nd, 2013
8 a.m.—4 p.m.
Tolles Career and Technical Center
7877 U.S. 42, Plain City, OH 43064
www.OhioStateBeekeepers.org/fc
On-Line Registration ends October 28th

REGISTRATION FEES

$20 - OSBA Member Pre-Registered
$25 - OSBA Member at the door
$30 - Non Member
$5 - OSBA Guest (Spouse or children under 18 with paid OSBA Member)
Boxed Lunch: $11.00 will only be available by pre-purchase only

President’s Welcome and Announcements.
Keynote Speaker – Phil Craft – Reducing Winter Colony Loss

Break – Visit the Vendors

Session 1
Auditorium: Lazy Beekeeping – Michael Bush
Room 1: Honey: Granulation & Liquefaction – Alex Zomchek
Room 2: Making Mead – Brothers Drake
Computer Lab: Using Facebook and Electronic Media—Tim Arheit

Lunch! Boxed lunch by Der Dutchman (prepaid only)

Session 2
Auditorium: Varroa Mite Biology and Control – Phil Craft
Room 1: Africanized Bees—What to Look For– Joseph Kovaleski
Room 2: 10 Reasons to Start Your 2014 Beekeeping Season Now – Alex Zomchek
Computer Lab: Maps, Apps and Market Maker – Julie Fox

Break – Visit the Vendors

Session 3
Auditorium: Four Simple Steps to Healthier Bees – Michael Bush
Room 1: The Heartland Honey Bee Breeders Cooperative – Dan O Hanlon
Room 2: Measuring Pesticide Exposure and Effects on Honey Bees – Reed Johnson
Computer Lab: Setting Up a Club Website—Tim Arheit.

Break – Visit the Vendors

Ask the Experts
Awards, Election Results, Business Meeting

Current List of Vendors at the Fall Conference

Apivar
Blue Sky Bee Supply
Brushy Mountain (PA)
Country Rube’s Farm
Mann Lake
Propolis Inc
Thompson Bee Supply
Simpson’s Bee Supply

What’s a’Buzz

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Guest Columnists:

Tim Arheit
Barbara Bloetscher
Tony Coury
Roy Hendrickson
Terry Lieberman-Smith
President's Letter

I can’t believe we are at the end of September already and the honey harvest is coming to an end. Hopefully you had a successful season. Unfortunately the information I’m getting from around the state is very mixed. A few have had a decent year but most are complaining of lower yields. Nationally, the honey production is down again this year.

But beekeepers have to be optimistic and look forward to a better next year. So now is the time to be preparing for the cold weather that’s coming. Feed, feed, feed and fatten up your bees to get them thru the winter. Install entrance reducers and mouse guards and whatever else you do. I’m feeding sugar syrup and getting ready to make some candy boards for overwintering. Everyone seems to have their own way of overwintering, but however you do it, now is the time to get started.

The summer has flown by and the Ohio State Fair is now just a memory. The weather was great and we had a wonderful turn out. Each year our programs become bigger and better. Nina Bagley made new cutouts for picture taking and served as the ringmaster drawing in crowds for each event. Thanks Nina. Thanks to all the local clubs who sent in their banners and I especially want to thank the fair committee for all their work and planning. And of course thanks to all the volunteers for their time and hard work, we couldn’t do it without you guys. Finally great big thanks to Tri-County Beekeepers and Athens County Beekeepers for their generous financial support.

We are now in the final stages of preparing for the fall conference on November 2nd. Tim Arheit and Terry Lieberman Smith have a great program planned with nationally known speakers Phil Craft and Michael Bush, as well as a full day of really great breakout sessions, drawings and vendors.

The new venue, Tolles Career and Technical Center, is terrific and easy to find. The lunch is being prepared by the Der Dutchman restaurant. On-line registration is now on the website at www.ohiostatebeekeepers.org/fc.

The annual business meeting will be held at the end of the Fall Conference and is open to everyone. The President, Vice-President, Secretary, Treasurer and three Director Positions are up for election. Nominations for these offices can be sent to Floyd Ostrowski at Floyd@ostrowski.com. Nominations may be made from the floor during the meeting as well but the person being nominated must be present. There will also be a few changes to the constitution and these must be approved. More of this will be discussed later in the newsletter.

I’d like to mention the formation for the Heartland Honey Bee Breeder Cooperative. There are five states involved: Ohio, West Virginia, Indiana, Illinois and Missouri. They are led by a very professional team and their goal is to produce Northern Queens suitable to our climate for overwintering. This is not an overnight project. It is a long term solution to the problems facing each and every one of us. Dan O’Hanlon will be a speaker at the fall conference and will give us a current update on their progress. They’ll also have a table in the vendor area to give out information.

Hope to see you all at the Fall conference!
Our New OSBA Logo

OSBA is proud to announce the winner of the logo contest. The winning design was created by Ricky Normandeau. His design, seen below, won by overwhelming two thirds vote by our OSBA membership! Ricky will receive a check for $300, logowear, a copy of The ABC & XYZ of Beekeeping, a complimentary membership to OSBA for 2014. Congratulations Ricky.

Also, we would like to thank our finalists:

Peggy Hellem, DBA Four Winds Graphics

Eric Palmquist

Stuart Dudukovich

We are currently working with some local companies to provide you with sources for logo wear. Order your shirts and hats at the upcoming OSBA Conference!

New OSBA Life Members

The following beekeepers have shown their support of OSBA by becoming Life Members. Life Membership consists of a one-time payment to OSBA of $160.

Larry Potter
OSBA Annual Meeting— More Than Classes

Calling November Election Nominees

Tim Arheit

The terms of the OSBA Executive Officers and 3 District Directors will expire at the end of 2013. The elections at the 2013 OSBA Fall Conference will determine who will fill these positions starting in 2014. OSBA members, including the current member filling the position, may run for the office. Those interested in running should contact Dwight Wilson at djwilson@aol.com.

Below is a brief description and duties of the offices that are up for November 2nd election. This is not intended to be a complete list of duties and additional duties may be defined by the OSBA Constitution.

Executive Officers (2 year terms)

President - Administers the affairs of OSBA including setting and presiding over meetings, appointing all committees, appointing Regional Representatives and Newsletter Editor. The President also acts as a delegate to organizations OSBA is a member of or may appoint a representative.

Vice-President - Performs the duties of the President during any absence. The Vice-President also is the Chairman of the Convention Planning Committee.

Secretary - Responsible for keeping minutes of meetings. The Secretary must also maintain the membership list, mail renewal notices, membership packets, etc.

Treasurer - Maintains the financial records and detailed records of all assets of OSBA. The Treasurer must pay all bills, deposit any payments received and participate in an audit of the books.

Regional Directors (3 year terms) - Represents beekeepers from their region and works with local associations to promote the purposes of OSBA and cooperation with OSBA within their region. Representatives are also required to report regularly to the Board of Directors on regional activities. Directors must reside in the region they are representing.

In addition to the duties listed above, all OSBA Board Members are responsible for attending Board Meetings and the right to voice their opinion and vote on any matters brought before the Board. Board Members may also be appointed to committees and would be responsible for fulfilling the task or goal assigned to the committee. In a recent survey of existing Board Members, most indicated they spent 10 to 30 hours per month fulfilling their duties with OSBA.

The Absentee Ballot is on Page 5.

Beekeeper of the Year Award— Accepting Nominations

At our annual fall meeting, we recognize one outstanding beekeeper that was nominated by his or her peers for their outstanding work during the past year in beekeeping. The OSBA Award Committee reviews all nominees and selects only one from the pool of candidates.

Last year, Dwight Wilson was the recipient of this award. The committee chose Dwight due to his unselfish work on numerous committees, his commitment to beekeeping, his dedication to OSBA, and his encouragement to students and new beekeepers.

Now is the time to take a moment and nominated beekeeper that you know who deserves recognition for all of their work. Nominations close on October 12th...so send your nominees to: OSBA Vice President Tim Arheit at: tarheit@watchtv.net or Tim Arheit, 330 Sunderland Rd S, Delphos, OH 45833
Increase in Lifetime Membership Fee

Proposal to change the one-time cost of an OSBA Lifetime Membership. If approved, the change will become effective Jan. 1, 2014

Proposal Summary
The OSBA Board of Directors recommends the one-time cost of Lifetime Memberships be increased to reflect the long-term value of such memberships. In addition, the OSBA Board of Directors wishes to establish the benefits entitled to lifetime members and their immediate families. This proposal will take effect Jan. 1, 2014. All other membership fees will remain unchanged for 2014.

PROPOSAL (To be voted on at the Fall Conference)
Lifetime Memberships in OSBA shall increase from $160 to $200 effective Jan. 1, 2014. In addition, all current and future lifetime members will receive the same benefits as those extended to members with “family” memberships. “Family” is defined as two adults and children under the age of 18 living in the same household. Lifetime members continue to be allowed one vote per family.

Working Towards 501(c)(3) Status

Your OSBA Board considering applying for 501(c)(3) status. We are currently working on verbiage so that our Constitution meets the 501c3 requirements. Some of the changes may be ready to be on the ballot at the Fall Conference.

Ohio State Beekeepers Association—Annual Meeting November 2, 2013
Items on the Fall Ballot:

Directors:
- **Erie Basin**: Tom Rathbun
- **Top of Ohio**: Dwight Wells
- **Maumee Valley**: Dwight Wilson

Dues Change
- **Lifetime Membership Fee Increase**
  - Yes
  - No

Executive Officers:
- **President**: Tim Arheit
  - Alex Zomchek
- **Vice-President**: Tracy Alarcon
  - Terry Lieberman-Smith
- **Secretary**: Floyd Ostrowski
- **Treasurer**: David Crawford
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.
Ohio State Fair with OSBA! Thank You to All the Volunteers
A Note from our President— John George

On behalf of the Ohio State Beekeeping Association and the thousands of visitors to the beekeeping pavilion at the Ohio State Fair, thank you for volunteering to make the pavilion a huge success. Many people left the fair with a deeper appreciation for honeybees and beekeepers due to their interaction with you and others who logged more than 1,400 volunteer hours in the pavilion. Some of you traveled from the far edges of the state to help and a few of you returned a second day -- even a third -- to assist. Your gift of time was very much appreciated. If you have any suggestions as to how to improve the displays or make your experience as a volunteer more enjoyable, please let me know. We begin planning for next year's fair in a few short weeks!

Caroline Adams
Mike Albaugh
Nina Bagley
James and Karin Barr
Richard and Joan Baxter
Shaun Bennett
Rich and Terri Brutsche
Bob Clark
Barry and Carmen Conrad
Bill Cooper
Gary Courtright
Arnold and Darla Crabtree
David and Marie Crawford
Ken dePuy
Lois Ford
Patty French
Wesley French
Dan Grant
Duane and Evelyn Hathaway
Gary Hess
Ron Hoopes
Georgie Hunter
Denny Lamb
Paul and Karson Lane
John Lennon
Terry Lieberman-Smith
Joe Malpass
Bob Markowski
Zale and Susan Maxwell
Ken and Karen Moak
Roger and Judy Myers
Floyd and Nora Ostrowski
Rod and Dru Pritchard
Tom Rathbun
John Schick
Jennifer Storey
Rusty Strader
Daniel Surina
Dan and Sheila Theisen
Jim Tippie
Dan and Mary Wampler
Dwight Wells

OSBA Summer Conference— Mark Your Calendars!

By now many of you are probably kicking yourselves for not having attended the OSBA Summer Conference in Cambridge, Ohio. The great location, interesting speakers, variety of topics, and the hands-on apiary were popular with all of the attendees.

Now is the time to mark your calendar to ensure that you have reserved Saturday, June 7 for the OSBA 2014 Summer Conference, hosted by Butler County Beekeepers Association at Miami University, Oxford, OH. We are currently lining up some exciting speakers and fun activities.

As you know, our Fall Conference is just around the corner….looking forward to seeing you there!
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 and yearly beekeeping calendar.
- Provide our members with OSBA discounts to major beekeeping magazines.
- Provide two educational meetings a year (summer and fall).
- 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.
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Reasons to Bee a County Apiary Inspector

Barbara Bloetscher

The Ohio’s Apiary Program’s primary goal is to promote the Ohio Beekeeping Industry by verifying that the colonies are healthy, vigorous and free of serious pests and diseases. We inspect colonies, especially those being brought into Ohio, and beekeeping operations which sell queens, nucs, packages and colonies.

Thirty years ago (before varroa), Ohio had 5000 beekeepers, and 80,000 colonies. We now have 4300 beekeepers and 38,000 colonies, most of which are in the backyard. Ohio needs beekeepers and growers need bees. The key to promoting and maintaining healthy, vigorous honey bee colonies is to have County Apiary Inspectors. Contrary to common belief, the County Apiary Inspector is appointed by the County Commissioners and paid with county funds, not by the state.

Why have County Apiary Inspectors?

County Apiary Inspectors are the equivalent of a Cooperative Extension Specialist, knowledgeable in honey bee management, especially detection and management of diseases and parasites. Our Inspectors help Ohio beekeepers by promoting good bee management practices, isolating and eliminating contagious diseases, managing pests and recommending safe treatment options.

Monitoring honey bee health within each Ohio county ensures sufficient pollination for crops and wild plants. Fruit, vegetable, field and seed/oil crops depend upon pollination to set fruit/seed. Even soybeans benefit with a 10% increase in yield when pollinated by honey bees. The increased yield and quality of pollinated crops in 2010 was valued at being worth $15 billion.

Many beekeepers are breeding and selling queens, bee packages and nucs to supplement their apiary income. In order to safeguard against diseases harbored in comb, these bees must be inspected and receive a ‘Certificate of Health’ before they can be sold. If the county has no inspector, the entrepreneurs either have to wait for the State Apiarist, or sell bees without a Certificate of Health, and break the law, and potentially selling infected/deficient stock.

The potential for spreading bee diseases and pests throughout Ohio is increased by the many semi-truck loads each carrying 800+ hives in and out of Ohio. When inspectors see shipments on the road or stashed in a field, they will determine if the hives have been inspected either at the point of origin or in Ohio.

The most serious disease, which is caused by a bacterium, is American Foulbrood (AFB) which is extremely dangerous contagious and deadly. Bee larvae are attacked by the active phase of the bacterium then as they die, are carried by nurse bees to be dumped in the yard, which spreads the dormant spores throughout the hive and the environment. As the colony declines, other bees within 2.5 square miles rob the honey from the dying hive, picking up bacteria spores and spreading them to their own colonies as well as flowers, soil and mud puddles within their range. These spores last over 75 years and are only killed by fire. Once the larvae/pupae die, the bacterium forms a dormant spore which is impervious to sanitizers and antibiotics. Thanks to the alert and fastidious actions of some of our County Apiary Inspectors, this disease has been restricted to the original yard(s) or extinguished from the county.

Other diseases, such as Nosema, EFB and the newest one Idiopathic Brood Disease Syndrome (IBDS) have proliferated in intensity and can be difficult to detect. County Inspectors receive updates and are “in the field” to inform beekeepers of new information. When diseases and pests are diagnosed, the County Inspector checks other hives in the area to detect the problem and alert beekeepers to monitor their hives for the pest(s).

A study done in New York showed that when an Inspection Program was active, American Foulbrood was kept at a very low level (2.6%). When the program was halted for four years and then resumed, the level of AFB had risen to 8.6%, and the antibiotic resistance had increased dramatically. After 4 years of inspections, the level of AFB dropped to where it had been before the program was halted. Ohio’s level of AFB is 1.11%.

In many cases, beekeepers do not read about honey bee health and often incorrectly use chemicals. When these chemicals are misused, some pests become resistant to the product, and some chemicals are absorbed by honey which is then consumed by people. The New York study shows that many beekeepers require oversight to assure that they are properly using products. The inspectors try to help beekeepers improve their practices.

Hives that are not being maintained (even by some well known beekeepers!) often become infected and decline. As the colonies weaken they are susceptible to AFB as well as other diseases and pests. Inspectors attempt to provide guidance to these beekeepers .

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The Sandusky River Valley Beekeepers Assoc (SRVBA) attended the Ohio State Fair OSBA tent. Four members staffed the club table for two days to answer questions on beekeeping and give out different honey tasting samples.

Also the SRVBA is having its annual family membership picnic on September 7th, where hotdogs/hamburgers along with a potluck will be served. They will also be having a honey extraction demonstration, and any new beekeeper who has honey supers are encouraged to bring them to be extracted. A Honeybee piñata will also be available for all ages to take a swing at, along with a smoker lighting contest. It’s sounds as if it will be a fun filled day.

On September 17th and 18th the SRVBA will again take part in the Sandusky County “Exploring Your Backyard” Program, Fourth graders within the County School District, attend a two day seminar at the Counties Fair Grounds located in Fremont, Ohio. Students attend a 1/2 hour workshops on a variety of different topics, such as gardening, farm animals, water conservation and beekeeping just to mention a few, last year over two hundred fourth grade students attended the two workshop.

Mid-Ohio Valley Beekeeper Association (MOVBA) membership is still on the rise as more and more people are becoming educated and interested in the importance of the honey bee. MOVBA members have taken every opportunity to speak about the satisfaction and challenges of maintaining colonies.

Club members had the opportunity to staff booths during the WV 150 year Statehood Celebration activities at the Parkersburg City Park on June 18th, and again on June 20th at the WV Welcome Center on I-77 in Williamstown, WV. The club maintained an informational booth at the WV Honey Festival on Aug. 24th and 25th. Literature was handed out, an observation hive was displayed, raffle tickets were sold for a hive (less bees) to be given away at the 2014 Honey Bee Expo, and information about their club was presented.

Plans are being finalized for our annual Honey Bee Expo, with the tentative date being Saturday, January 18th, 2014, on the campus of WVU Parkersburg. Keep checking our website, www.angelfire.com/nb/movba, for updated information. This is an all day event featuring a key note speaker and various classes ranging from very basic beginning beekeepers, to more advanced techniques. Despite inclement weather, last year’s attendance was still around 340. Different vendors will be present allowing people to pre-order supplies, and pick them up at the Expo, thus avoiding shipping charges. A list of vendors will also be on our website, once all plans are finalized. It is always nice to meet old friends there, from different states and areas, to catch up on what has been happening with their colonies. Hope to see everyone there.

Greene County Beekeepers Association (GCBA) hosted its annual Honey Harvest. Over 300 people attended this fun, free, family oriented event. Some activities included touring the club’s apiary, face painting, collect nectar games for children, candle-rolling, honey extraction, Apitherapy demonstrations, and more. Thanks to the Team Honey Harvest and all the club volunteers, the event broke previous attendance records.

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Do You Know Your Neighbors?—An Update

Tony Coury

Just to catch up and let everyone know what has happened after the published story of my event involving my neighbor killing my bees.

My attorney filed in Muskingum County Court a claim against the neighbor. This claim was never denied by the neighbor and this past May we had our day in court. The judge asked for me to explain the situation and what actions I took after discovering what had happened. The judge appeared pleased that I had taken every step possible to solve the issue before involving the attorney, courts and State of Ohio.

I explained the cost of everything including man hours and loss of expected honey sales. The attorney fees were also claimed, after several minutes the judge ruled in my favor and awarded me $2830.00.

The court has garnished my neighbors paycheck and the first payment arrived just last week (September 16th). It will take a few months before all payments have been made.

To this day no apology has been made and no explanation as to why this was done.

Remember, right is right and wrong is wrong. Fight for what you believe in, nobody has the right to kill our bees just because they don't like them.
Nosema is now generally considered to be a fungus with a minor connection to chalkbrood – Nosema Cerana is considered to be much more potent than Nosema Apis; it also appears to replace Nosema Apis after a period of time. Cerana is a summer affliction which depending on the rate of infestation can sometimes be identified by spotting on the front of the hive and by fecal droppings on the top bars and on the underside of the inner cover. Nosema Cerana spore counts i.e. the degree of illness apparently are connected to the presence of pesticides, both external and internal) and viruses in the colony. When these contaminate are present Nosema spore counts increase, they decrease or are removed the spore counts decline. Colony stress probably has a similar effect on spore counts.

Apparently as the Cerana spore counts increase affected colonies begin to lose their appetites, they gradually reduce their food consumption and eventually stop eating entirely. This enables the spore counts to increase to levels where colony survival comes into question. However, colonies so affected do not lose their ability to fly.

Pollen substitute alone acts as a form of Nosema Cerana control. If by feeding sugar syrup and pollen substitute Nosema infested colonies can be induced to take cleansing flights, Nosema will often dissipate or disappear entirely. 1/21/08

According to Lyle Johnston, three indicators of N. Cerana not requiring a microscope: spotty brood pattern, drifting, and supercedure,

In general, adequate Varroa control will also help in the control of Nosema Cerana

CCD – main causes are N. Cerana and an as yet unnamed virus, feed pollen substitute to counter the effects (shortened forager life span) of N. Cerana.

CCD, whatever its cause, shortens the adult bees life span. Young pre-forage age bees adapt and assume the foraging duties. They in turn die prematurely, their loss being replaced by even younger bees. This effect multiplies until the colony is devoid of adults. At present there is nothing that can be done to counteract the virus. The negative effects of Nosema Cerana are another story. By feeding pollen substitutes and Fumagilin N. Cerana can be brought under control.

However, Fumagilin shortens forager life span, thereby reducing N. Cerana infestations – Mega Bee and other pollen substitutes help counter the Fumagilin negatives, i.e. increasing forager life span while reducing N. Cerana spore counts

**NOSEMA CONTROL**

**FUMAGILIN**

Fumagilin-B—68 grams mixed into 100 lbs of heavy 2:1 syrup – 68 grams is roughly equal to a rounded 1/3rd cup

Fumagilin – Canadian method – 1- 9.5 gram bottle Fumagilin to 45 gallons of sugar syrup – Drench via spray or sprinkle 4 oz on singles – 8 oz on doubles – March 08 ABJ p. 212

Fumagilin can leave residues or contaminate honey if not used according to label instructions – can negatively affect honey bee health by killing lactose bacteria found in the honey bee intestine, 3 types of lactose bacteria normally present to aid in digestion

Multiple spring feedings are very effective in reducing Nosema levels prior to

(Continued on page 14)
the flow. Mix according to label instructions. For high Nosema loads double the Fumagilin mixing rate. Feed 4 to 8 oz per feeding depending on colony size.

Since spring feeding is often impossible due to inclement weather an alternate method of feeding Fumagilin is necessary. Using the same thin syrup mix, either sprinkle or spray the syrup on the top bars every time you open the colony, or at weekly intervals.

Fumagilin – Loses about 20% of its potency within a few days after mixing – the remaining 80% retains its potency throughout the winter.

Correct Fumagilin application in the fall is the most beneficial form of Nosema treatment.

Current recommendations are to feed two gallons of medicated syrup going into winter, feed one gallon of syrup in the spring – divide into four parts (quarts) and feed at weekly intervals, complete feeding four weeks prior to the beginning of the main honey flow.

HONEY BEE HEALTHY

10 m/l Honey Bee Healthy p/gallon of syrup, any mixture, shows good results in controlling Nosema Cerana in preliminary tests.

General Health recommendations, commercial perspective: feed Honey Bee Healthy to improve overall colony health: mixing ratios – 1 qt p/ 55 gallons syrup for colonies in decline, 1 pt/ 55 gallons syrup for colonies in good condition, Mfg. recommendation

10 Great Ideas for Holiday Gift Baskets

Terry Lieberman-Smith

Even if your honey crop was not abundant this year, you can still include great honey items in your gift baskets to friends and family:

1. Use 6 ounce bears! If you have two colors of honey, have a light and dark bear duo
2. Make Honey Fudge Sauce (recipe this month!)
3. Make Buttered Honey Spread (recipe in Volume 1, Issue 1 of this newsletter)
4. Make Honey Truffles
5. Make Honey Butter and put together a dry mix (in a mason jar) of cornbread or muffin mix
6. Make Honey Granola— pack it in 8 oz quilted jelly jars and include a spoon (leave enough room for recipients to add milk)….Honey sweetened breakfast on the go!
7. Use the beeswax and propolis in a soap. Line your soap mold (box) with bubble wrap and it will look like honeycomb.
8. Make a hand scrub (cold weather is coming up and who couldn’t do with a little spa treatment) using brown sugar, honey and olive oil. Gift it in small jars with ribbons.
9. Make a lotion containing honey and beeswax. Gift it along with #8.
10. Go to the thrift store and purchase odds and ends teacups and saucers. Purchase small containers of bulk tea, or an assortment of specialty teas. Put teabags in cellophane bags tied with ribbons and add a small container of honey (6 oz or 2 oz).
Shawn Rinehart reports that the students have succeeded the master and continue his Order of the Queen course on queen rearing. East Central Ohio Beekeepers Association (ECOBA) hosted the Order of the Queen class for 2013. Shawn Rinehart the instructor is continuing the program Dana Stahlman started. The students were provided with grafting frame, cells cups, grafting tool and work book. The students learned about choosing the breeding stock, setting up their drone yards, starter finisher hives and marketing. Graduates were given a certificate of attendance as well as induction into the Order of the Queen. This year’s graduates include Bill Fountain, Bob Oleary, Dwight Davis, Jeff Flickinger, John Kelly, Kevin Lewis, Randy Latham, Rick Ives, Tim McDaniel.

They join a long and prestigious line of beekeepers. Dana started the course at the Dawes Arboretum, where this year’s class was held. Many past graduates have gone on to raise queens for themselves and for sale to others. They are working to develop diverse Ohio raised queens for our northern climate. Past graduates who sell Ohio raised queens include Steve Shane of Rocky Top Apiaries, Roger Miller of Roger’s Honey, Nina Bagley of Nina’s Village Apiaries, Kimberly Flippen and Shawn Rinehart of Honey Valley Apiaries, Denny Lamb of Lamb Apiaries, Jim Angston and Terry Eddie to name but a few. Make plans now to attend future classes. Our special thanks to Dana Stahlman for his continued guidance and assistance with the program and Dr. Joe Latshaw for his very generous contribution of queen cells to this year’s Order of the Queen class.

This summer Northwest Ohio Beekeepers Association (NWOBA) held their annual picnic in July, which included building nucs. President, Dwight Wilson, invited beekeepers from Maumee Valley Beekeepers Association to join in the event. The idea was for the beekeeper to show up with his hive bodies or nuc boxes (including frames and bees), and to then add a capped queen cell. At the picnic we added the capped queen cells, and then the hives were either left at the host’s bee yard to be mated, or taken home with the beekeeper. The hosting bee yard has around 40 hives, plus there are many other beekeepers in the area, so the nucs will have a good drone base. The participation was very high this year. Danny Slabaugh, from northeast Indiana, brought 85 queen cells, and Tim Arheit, a queen breeder from Delphos, brought 105 queen cells. When the day was over, the queen cells had all been used and the beekeepers had the opportunity to gain hands on experience and interact with fellow beekeepers. So.....there were many nucs made that day, followed with a nice potluck meal to make a really nice day in the bee yard.

Another popular activity that NWOBA sponsors during the last meeting of the year (November) is the Cookie Exchange. Eager bakers bring in several dozen cookies and get to go home with several different kinds. The Cookie Exchange is a great way to go home with a variety of delicious cookies, rather than baking them at home.
Counties that do not have an inspector soon become the weak link as beekeepers in these counties are more likely to have diseased or weakened colonies and many new beekeepers quit. Beekeepers who move infected bees in and out of these counties risk spreading diseases to new areas and more apiaries.

County Inspectors are the “eyes and ears” of the beekeepers in Ohio.

They see what problems are occurring and report them to the State Apiarist and in many cases local beekeeping associations. This allows the State Apiarist and other beekeepers an opportunity to address the problems before they worsen or spread to other counties. Several new pests and diseases including varroa mites and hive beetle were first discovered by inspectors.

Data collected on pests, diseases, number of beekeepers, hives, and colonies in Ohio are the key to improve the strength of the Ohio beekeeping industry. This data could support efforts to fund research toward the Ohio Beekeeping Industry, County funding for an inspector, Ohio beekeepers, and the Ohio Apiary Program.

Link to laws and rules:
http://codes.ohio.gov/oac/901%3A5-55
http://codes.ohio.gov/orc/909

Barbara Bloetscher
State Entomologist
Ohio Department of Agriculture
8995 East Main St.

Reynoldsburg, OH 43068
www.agri.ohio.gov/divs/plant/apiary/apiary.aspx
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BBloetscher@agri.ohio.gov

Editor’s Note: I am fortunate to live in a county that has an Apiary Inspector. Not all beekeepers are so fortunate. Tom Rathbun, OSBA Director in the Erie Basin Region, sent me the following information, which I thought would be appropriate to include at the end of Barbara’s article about inspectors...:

I met with the Sandusky County Commissioners about budgeting a County Bee Inspector for the coming year. Sandusky County has been without a bee inspector for the past ten years. After my meeting with the Sandusky County Commissioners, they had scheduled a meeting with Mr. Troy Liebengood, Erie County Bee Inspector. I have been informed that the Commissioners are considering (keep your fingers crossed) a Bee Inspector in the Sandusky County’s 2014 budget.

Ms. Barb Bloetscher, Ohio State Apiarist, has been a big help by gathering data, and other information on Sandusky County Apiary locations and numbers of Beekeepers within Sandusky County. I intend on contacting other County Commissioners within the Erie Basin area, to talk with them about sponsoring a County Inspector for their county in the near future.
Honey Containers
Make the Sale!

Queenline Glass Honey Jars

<table>
<thead>
<tr>
<th>Size of Jar</th>
<th>Number of Jars Per Carton</th>
<th>Lid* Style (see below)</th>
<th>Order Number</th>
<th>Ship Weight Per Carton lbs.</th>
<th>Price Per Carton 1-49 Cartons</th>
<th>Price Per Carton 5 &amp; Up Cartons</th>
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<tbody>
<tr>
<td>8 ounces</td>
<td>24 (48 mm)</td>
<td>M001052</td>
<td>10</td>
<td>$15.62</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 pound</td>
<td>12 (50 mm)</td>
<td>M001062</td>
<td>8</td>
<td>$9.63</td>
<td></td>
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<tr>
<td>1 pound</td>
<td>24 (50 mm)</td>
<td>M001072</td>
<td>14</td>
<td>$18.36</td>
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<td></td>
</tr>
<tr>
<td>2 pound</td>
<td>12 (63 mm)</td>
<td>M001082</td>
<td>12</td>
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<tr>
<td>4 pound</td>
<td>6 (G70)</td>
<td>M001092</td>
<td>10</td>
<td>$12.50</td>
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</table>

Lid Style: White plastic  (glass not shipped by UPS)

* We reserve the right to substitute lids should the style you requested not be available.

Check out our catalog for other types and sizes of quality honey containers!

Glass 3 lb. Round Jars
Carton of 12 with white plastic lids
M001932
1-99 . . . . $13.76 per Carton
(All ship wts. 12 lbs. per carton.)

1 lb. 2/12 lb. Attractive Plastic Containers

Call for Pricing on 100+ Cartons
All prices are FOB, Hamilton, Illinois

Note: Plastic containers may ship at individual weights listed not combined weights. All prices are subject to change.

3 lb. and 5 lb. Plastic Honey Jugs
Great Containers for Packing Yard Rent Honey

With 38mm Yellow Ratchet Style Lids

3 lb. Jugs

150 Jugs per Case
M00280
Ship Wt. 70 lbs. per Case
1-5 Cases . . . . . . $87.00 per Case
6 & Up Cases . . . . . . $84.00 per Case

5 lb. Jugs

120 Jugs per Case
M00261
Ship Wt. 70 lbs. per Case
1-5 Cases . . . . . . $89.00 per Case
6 & Up Cases . . . . . . $86.00 per Case

Dadant
Albion Branch
929 Elliott Street
Albion, MI 49224
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Fax 517-629-3039
Toll-free orders 1-877-932-3268

Chatham Branch
820 Tightsqueeze Industrial Rd.
Chatham, VA 24531
Phone 434-432-8461
Fax 434-432-8463
Toll-free orders 1-800-220-6325

E-mail: Dadant@dadant.com
Order on-line at:
http://www.dadant.com
Telling the Bees

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 died.

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.

Hopefully this will be some small way to recognize our fellow beekeepers as they pass on. It may also serve as notice of friends we have made when their passing comes.

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

Daniel “Dano” Cottrell, 66, of Stoutsville, passed away at home Sunday September 15, 2013. He was born on June 2, 1947 in Lockbourne, the son of Walter and Roberta (Starkey) Cottrell. He owned and with his wife operated “Dans’s Septic Service for 36 years”. He was a member of Christian Family Pioneers for over 30 years, enjoyed primitive camping, educating youth in living history, singing around the campfire and fellowshipping with friends.

He was a successful beekeeper for several years in Pickaway County. He was Vice President of Scioto Valley Beekeepers and helped with the honey extraction demonstrations at the Lithopolis Honey Fest for the last four years. Dan also designed the club’s logo. He will be sadly missed by a host of family and friends. He was preceded in death by his parents and brother, Marvin Cottrell. He is survived by his wife, Dawn (Garlinger) Cottrell; sons, Scott Allen (Brenda) Cottrell and Jason Todd (Angela) Cottrell; grandchildren, Aidan, Amber, Taylor, Jeremiah and Monica; brothers, Earl (Carletta) Cottrell and Steve (Shiela) Cottrell; sisters, Mary Thomas, Margie (Lee) Luffman and Caroline Stroup. Funeral service was held 11:00 a.m. Thursday September 19, 2013 at the Wellman Funeral Home, Circleville.
I was walking by some of my equipment the other day as I was feeding my bees sugar water. I noticed that some bees were getting in and out of one of the hives through a "rear" entrance that I had not created. Nothing like a bit of what it would that would allow other bees to come and go into the hive. I solved the problem in the short term with a bit of duct tape, but in the long term, I made a note to myself that I needed to hear some new equipment.

We are coming up to the perfect time of year to take inventory of what you have, what you need, and plan to take this down time in the season to start getting ready for next year.

We have lots of great vendors coming to the OSBA conference this year, so why not register for our excellent classes and speakers, and pre-order from these vendors so that you can save on shipping and handling and keep that money in your pocket. You can easily spend more than the $20 conference pre-registration fee on the cost of shipping and handling for woodenware.

If you need to make fondant for your bees, now is the time to stock up on marshmallows since it is S’mores season and there are sales on marshmallows.

Sugar is also on sale now so that if you are going to make sugar bricks or candy boards or just plain sugar water for your bees. Stock up now. The 2:1 sugar water blend goes through sugar like crazy.

The big box office-supply stores have been very generous on their back-to-school promotions. I hope you stocked up on Sharpie markers, labels, and papers of all varieties, for both yourself and your clubs.

Many garden supply stores are having end of year sales on plants that your bees will absolutely love next year. Plant them now for some great forage at the end of next season for your girls. Many of these stores are also clearing out seed starting equipment. By it now, so that you can start seeds, when the snow is still on the ground. A beekeeper, whose name I do not remember, once mentioned in class that he could tell whether or not next year’s clover was going to be a good harvest. It all depended on the weather the previous summer and fall. It has been quite dry in my area of Ohio this summer and fall. I want to make sure I have lots of plans for my girls next year since I may not be able to count on the clover to keep my girls in honey.

Keep planning ahead for future success.

---

No Teaspoons Allowed
*(recipes that really use honey)*

Honey Fudge Sauce

1 c. semi-sweet (or dark) chocolate chips
1/2 c. honey
2 T. butter
3/4 c. evaporated milk (or heavy cream)
1 T. vanilla extract

In a saucepan heat honey, butter and the evaporated milk. Add chips. Stir until the chips are melted. Remove from heat. Stir in vanilla. Refrigerate until ready to serve.

Yes….its that easy.

I usually heat this up and pour over ice cream, pound cake…..or just enjoy a spoonful straight from the fridge!
OSBA - Annual Fall Conference  
November 2\textsuperscript{nd}, 2013 - Plain City, Ohio  
Tolles Career Center - 7877 US Highway 42 S - Plain City OH 43064

REGISTRATION  
\textit{Mail Deadline October 21st}

Online registration is also available at:  
\url{www.OhioStateBeekeepers.com/fc}

Online registration deadline October 28th

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<tr>
<th>Name:</th>
<th>Email:</th>
<th>Address:</th>
<th>City, State, Zip:</th>
<th>Phone:</th>
<th>Names of Additional Attendees:</th>
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<table>
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<th></th>
<th>Price Each</th>
<th>Quantity</th>
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<tr>
<td>OSBA Member (Pre-Registered)</td>
<td>$20</td>
<td></td>
<td></td>
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<tr>
<td>OSBA Guest (Spouse and children under 18 with paid OSBA Member)</td>
<td>$5</td>
<td></td>
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<tr>
<td>Non-OSBA Member</td>
<td>$30</td>
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<tr>
<td>Lunch</td>
<td>$11.00</td>
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Choose your choice of sandwich and salad for each lunch purchased:

1. \(\square\) Roast Beef or \(\square\) Turkey and \(\square\) Potato Salad or \(\square\) Cole Slaw
2. \(\square\) Roast Beef or \(\square\) Turkey and \(\square\) Potato Salad or \(\square\) Cole Slaw
3. \(\square\) Roast Beef or \(\square\) Turkey and \(\square\) Potato Salad or \(\square\) Cole Slaw
4. \(\square\) Roast Beef or \(\square\) Turkey and \(\square\) Potato Salad or \(\square\) Cole Slaw

(If you need more than 4 lunches please specify your choices on the back)

I will be entering the Honey Contest in the following categories  
(No cost, but pre-registration is required. Rules on website)  
\(\square\) Light Honey \(\square\) Dark Honey \(\square\) Granulated Honey \(\square\) Chunk Honey

Total Amount Due: $0

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
Honey Winners at the Ohio State Fair

Division 3106
Class 1: Breads
1st Anne Hinze – Honey Bread
2nd Camille Warren – Ohio honey whole wheat bread
3rd Julie Gonzalez – Honey apricot bread

Class 2 Brownies
1st Theresa Maher – Honey Pecan Chocolate Chip
2nd Karen McDorman
3rd Georgia Bishop

Class 3 Pies
1st Grace Thatcher – Honey chiffon pie
2nd Camille Warren – Honey-Pear pie
3rd Tess Conrad – Honey Apple crumb pie

Class 4 Cakes (unfrosted)
1st Cheryl Adkins – Heavenly Bundt Cake
2nd Bernadette Harvey – Honey Chocolate Cake

Class 5 Cookies (unfrosted)
1st Lydia Voorhees – Honeydoodles
2nd Georgia Bishop – Honey peanut butter cookies
3rd Julie Gonzalez – Honey raisin cookies

Class 6 Honey Candy
1st Karen McDorman – Honey filled truffles
2nd Georgia Bishop – Honey almond pralines

Class 7 Honey Water White to Extra White
1st Tess Conrad
2nd Nina Bagley
3rd Shawn Rinehart

Class 8 Honey Light Amber-Extra Light Amber
1st Tess Conrad
2nd Kimberly Flippen
3rd Shawn Rinehart

Class 9 Honey Light Amber to Dark Amber
1st Nina Bagley
2nd Mark Cameron
3rd Kimberly Flippen

Class 10 Honey: Creamed
1st David Crawford
2nd Mark Cameron
3rd Shawn Rinehart

Class 11 Honey Frames
1st Nina Bagley
2nd Mark Cameron
3rd Shawn Rinehart

Class 12 Bee/Honey Gift Items
1st Nina Bagley
2nd Carmen Conrad
3rd Kimberly Flippen

Class 13 Beeswax Chunk
1st Winifred Williams
2nd Carmen Conrad
3rd Mark Cameron

Class 14 Bees: Photography Macro
1st Beth Krauss
2nd Nina Bagley
3rd Nina Bagley

Class 15 Bees: Photography Scenic
1st Lydia Voorhees
2nd Nina Bagley
3rd Nina Bagley

Class 16 Bees: Photography Macro Youth
1st Tess Conrad

Class 17 Bees: Photography Scenic Youth
1st Tess Conrad

Class 18 Best of Show Honey Baking: Grace Thatcher

Class 19 Best of Show Honey: Tess Conrad

Class 20 Best of Show Honey Other: Nina Bagley
Editor’s Note

What a fun, challenging, interactive and exciting year 2013 has been for OSBA. Thanks to the Conference committee and the Guernsey Noble Beekeepers Association, our summer conference was a great success. The fall conference will be held at our new location, is packed with exciting speakers and computer classes. The Fair Committee and local bee associations put together a fun and educational tent filled with displays for the general public. The filled to capacity Honey Judging class will soon graduate a few more Certified Honey Judges. These judges will be available to help support the county fairs as we help expand the number of fairs participating with honey entries.

The OSBA Master Beekeeper Program continues to attract new students as we increase the number of available classes. The hands on test for the apprentice has been improved, and the journeyman test questions have been written and are ready for the next wave of students.

Thanks to our Logo Committee. We have a brand-new logo to help encourage identification of our renewed commitment to the beekeepers across Ohio. We plan to have a table at our upcoming Fall Conference, where you can order your new logo wear.

Our website has expanded its offerings, and the page of educational videos is quite popular. Our Facebook page, with its weekly recipes and OSBA updates, has quite a large following. Many of the recipes can be used as delicious treats in your holiday baskets.

OSBA has a few committees working in the background to provide some new resources for beekeepers in our state. I don’t want to give away any of the surprises, but I know that you will be impressed with the results.

I would like to take a moment to thank our outgoing President, John George. I always find that it is interesting how things work out in the bigger picture. I was first introduced to John during a preliminary meeting with Dana in order to discuss the newsletter. I was surprised that Dana had brought along somebody else, but I thought “okay, I can talk to two people as well as I can talk to one!” After the meeting I thought “Well that was nice, I hope I remember his name and face the next time I meet him.” I thought that I was only going to be dealing with Dana during my tenure as newsletter editor. And the universe, said “HA”. I am glad to have had the opportunity to work with John George. His knowledge of OSBA, his willingness to allow the committees to go reach beyond the “we’ve always done it this way” attitude, and his patience with all of us, has made working with him a positive experience. He may not have planned to be President of this organization, but he has led us with a calm and reassuring manner. Thank you, John.

Hope to see everybody at the fall meeting, and here’s wishing you and your bees in a wonderful holiday season. See you in 2014
# 2013 Ohio State Beekeeper’s Association

## Officers and Contacts

<table>
<thead>
<tr>
<th>Name</th>
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<th>Phone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
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<tbody>
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</tr>
</tbody>
</table>

### Staff Appointments:
- Terry Lieberman-Smith  Newsletter Editor  osbanewseditor@woh.rr.com

## Ohio State Beekeepers Association 2013 Membership Form

Ohio State Beekeepers Association is a 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 on-going 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 for 1 year senior/student membership
- [ ] $20.00 for 1 year individual membership
- [ ] $25.00 for 1 year family membership
- [ ] $160.00 for a lifetime membership
- [ ] I want to receive the newsletter by email only (no hardcopy)

A year membership is based on the calendar year, January through December
Scenes from the OSBA Tent at the Ohio State Fair