Fall OSBA Conference

November 1st, 2014

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
$7.50 - OSBA Guest (Spouse or children under 18 with paid OSBA Member)

Boxed Lunch: $8.00 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 5

President’s Welcome and Announcements.

Break – Visit the Vendors

Session 1
Rearing Quality Queens – Sue Cobey
Nucleus Colonies in the Sustainable Apiaries – Michael Palmer
Phenology for Beekeepers – Denise Ellsworth
Marketing and Labeling for Beekeepers – Lowell Lufkin

Lunch! Boxed lunch (prepaid registration only)

Session 2
The Benefits of Being Promiscuous – Sue Cobey
Comb Honey Production – Michael Palmer
Gardening for Pollinators – Denise Ellsworth
Honey Bee Toxicology – Dr. Reed Johnson

Break – Visit the Vendors

Session 3
Honey Bee Germplasm Importation and Cryopreservation – Sue Cobey
Wintering Bees in the North – Michael Palmer
Practical Disease Recognition and Control – Dr. Jim Tew and John Grafton
Pollinator Stewardship Council – Michele Colopy.

Break – Visit the Vendors

Ask the Experts—Awards—Election Results—Business Meeting
President's Letter

This year may have started slow, but it certainly picked up speed and here we are at the last newsletter of 2014. The bees are collecting nectar and pollen from goldenrod and getting themselves set for the long winter ahead. Hopefully your honey harvest has been abundant with lots of that golden harvest to share with family, friends and customers. While the bee season is quickly coming to an end, I'd like to take a moment and consider all of the activities that your OSBA has been involved with during 2014.

Our summer conference was, and the fall conference will be, continuing to build on quality speakers, varied topics of interest to beekeepers, a great selection of vendors to help fill your apiary needs, and of course, contests and fellowship. By the continuing growth in attendance at these events, we are obviously filling the needs of Ohio beekeepers.

Our Facebook page continues to be quite popular with its weekly recipe and other newsworthy links. If you haven't stopped by recently, next time you're surfing online, visit us at [https://www.facebook.com/OhioStateBeekeepers](https://www.facebook.com/OhioStateBeekeepers).

The Save the Honeybee license plate has made it halfway through the approval process. Once the State House convenes, we will closely monitor the bill’s progress. Keep an eye on your e-mail, we might need to do another letter campaign as we push to get the bill though the Senate when they return for session later this year!

This year OSBA sponsored the 40H Judge at the state fair level. I would like to thank Alec Zomchek for putting in an incredibly long day of judging all of the nervous entrants. I would like to expand our support for 4-H next year and appreciate the donations to 4-H that we have received from our members. If you have any interest in helping support this effort, please let us know.

Speaking of long days, I would like to thank the fair committee for another expanded and successful educational and entertaining pavilion at the Ohio State fair. And a special thanks to Nina who spent countless hours over the past year preparing for this event that helps bring awareness about honey bees to thousands of non beekeepers.

Our outreach program to beginning beekeepers was also quite successful this year, having reached over 1000 beekeepers, and we are expanding it for next year. In addition, efforts are being made to start new local associations in areas where there is interest, but no existing clubs exist.

We are continuing on our journey through all the red tape to procure our 501(c)(3) status so that we can work to apply for grants that will help further our educational and outreach programs. The 501(c)(3) status will also provide tax deductions for any donations from companies or fellow beekeepers.

The OSBA Master Beekeeper Program continues to grow. Not just by those who have enrolled, but also by the number of classes that have been approved. If you haven't, visit our webpage and take a peek at all the classes that are master beekeeper enrollees have had opportunity to attend.

This newsletter continues to provide members with OSBA information and reliable beekeeping information each quarter via hard copy and electronic availability. A huge thank you to Terry for the effort she puts into this publication.

Your OSBA will continue to provide all the activities listed above, in 2015, and we will continue to expand into new territory... But I don't want to let the cat out of the back until the fall conference.

On a slightly more serious note; many times I hear from people “why should I pay for membership, when I can get lots of your information free on your website.” The answer is community. Community works to support each other, it's that simple. Not everyone has a local Association. Not all local associations have educators in their membership. Local associations usually do not play a role in state issues. OSBA is here to provide everybody, all beekeepers, with educational opportunities, updates on state activities, development programs for clubs, and a unified face for the Ohio beekeeper. We are the umbrella organization that is here for the benefit of beekeepers. Like the honeybee, you the beekeeper or supporting the larger colony of Ohio beekeepers when you support OSBA.

See you at the Fall Conference in Plain City.

Tim Arheit

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They support OSBA
When you place your order
tell them you saw their advertisement in
the OSBA Newsletter
Calling November Election Nominees

Tim Arheit

The terms of 3 District Directors will expire at the end of 2014. The elections at the 2014 OSBA Fall Conference will determine who will fill these positions starting in 2015. OSBA is looking for nominees for the positions listed below. OSBA members, including the current member filling the position, may run for the office. Those interested in running should contact Dwight Wilson at djlwilson@aol.com.

Below is a brief description and duties of the offices that are up for November 1st election. This is not intended to be a complete list of duties and additional duties may be defined by the OSBA Constitution. Anyone interested in running for a position should feel free to ask existing Board Members any questions about the job and review the job description on the OSBA website.

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. Representative are also required to report regularly to the Board of Directors on activities in their region. Regional Directors must reside in the region they are representing:

- **Crossroads** (Carroll, Columbiana, Coshocton, Guernsey, Harrison, Holmes, Jefferson, Mahoning, Muskingum, Stark, Tuscarawas, Wayne counties)
  *Incumbent: Joseph Kovaleski*

- **Buckeye Hills** (Athens, Belmont, Hocking, Meigs, Monroe, Morgan, Noble, Perry and Washington counties).
  *Incumbent Michael DeVaughn*

- **Western Reserve** (Ashtabula, Cuyahoga, Geauga, Lake, Lorain, Medina, Portage, Summit and Trumbull counties).
  *Incumbent Richard Manley*

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.

Holidays are Just Around the Corner

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 Fall Conference and save $$ on shipping and handling:

- Membership (or renewal) to OSBA
- Beekeeping Training DVD set
- Gift Certificates from our Advertisers
- Magazine Subscriptions
- OSBA Logowear
OSBA Conferences are More Than Just Educational

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 2015. 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.

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:

- BEEpothecary
- Blue Sky Bee Supply
- Brushy Mountain Bee Farm
- Dadant & Sons
- Mann Lake
- Mel Disselkoen
- Modern Beekeeping
- Reid’s Apiary & Bee-tique
- Simpson’s Bee Supply
Honey Judging Event at the OSBA Fall Conference

The 2014 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 (includes water white, extra white, white, extra light amber): Three 1# glass gamber or queenline jars
✓ Dark (includes light amber, amber and dark amber): Three 1# glass gamber or queenline jars
✓ 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
Magazine Offer

Although not many of us have lots of spare time to sit down and read during the bee season, Organic Gardening Magazine is offering a great deal to beekeepers. Simply visit www.OrganicGardening.com/honeybees or call 1-800-666-2206 and mention the “honeybee offer” to take advantage this deal: $6 for 6 issues of Organic Gardening.

This would make another great stocking stuffer for the beekeeper, gardener, or sustainable lifestyle person in your life.

New OSBA Life Member

The following beekeeper has shown his support of OSBA by becoming Life Member. Life Membership consists of a one-time payment to OSBA of $200.

George Taylor

Stahlman Apiaries—
We are not just selling queen bees - we are working with you to improve what we sell.

Stahlman Apiaries has developed a line of queens with an Ohio heritage. This effort dates back to the 2007 OSBA Queen Project and includes queens shared by beekeepers are interest in improving Ohio queen stock.

By purchasing an Ohio Buckeye Belle Queen, you participated in a stock improvement program. Sharing the results of your queen is important — If you bought an Ohio Buckeye Belle Queen in 2014 and feel it was exceptional, you can join our effort to improve native Ohio queen stock.

We are now selecting 2014 queens for 2015 queen production. The most important characteristic of a queen is her ability to produce a colony that can survive an Ohio winter. Ohio bee hives are challenged with a number of weather conditions and other issues including mites, but the bottom line is your hive alive and doing well in the spring.

Our breeding stock bees are not treated with chemicals, or given supplements, and are managed so “Mother Nature” plays a role in helping us decide which queens we will continue to use in our breeding program. You, the beekeeper, are the harshest judge. We hope will share your experiences of the queens you buy from us and if not satisfied let us know.

We sold out in 2014 and were proud to serve you. Production numbers will always be limited. Contact Dana Stahlman at: stahlmanapiaries@aol.com with your comments and questions.
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, Terry Lieberman-Smith received this award. The committee chose Terry due to her unselfish work on numerous committees, her commitment to beekeeping, her dedication to OSBA, and her encouragement to students and new beekeepers.

Each year’s winners are part of the selection committee for the next year. Now is the time to take a moment and nominate a beekeeper who you know deserves recognition for all of their work. **Nominations close on October 15th...** so send your nominees to: OSBA Vice President Terry Lieberman-Smith at:

Vice-president@ohiostatebeekeepers.org or P.O. Box 24181, Dayton, OH  45424
## Winners in the Ohio State Fair Honey Contest—Sponsored by OSBA

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<tr>
<th>White Honey</th>
<th>Honey Frames</th>
<th>Photography (youth) Macro</th>
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<tr>
<td>Jacob Mishne</td>
<td>Shawn Rinehart</td>
<td>Tess Conrad</td>
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<td>Carmen Conrad</td>
<td>Kimberly Flippen</td>
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<td>Nina Bagley</td>
<td>Andy Campbell</td>
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<th>Water White/Extra White</th>
<th>Gift Basket</th>
<th>Photography (youth) Scenic</th>
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<tr>
<td>Jacob Mishne</td>
<td>Carmen Conrad</td>
<td>Tess Conrad</td>
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<td>Winifred Williams</td>
<td>Shawn Rinehart</td>
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<td>Tess Conrad</td>
<td>Nina Bagley</td>
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<th>Light Amber/Extra Light Amber</th>
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<td>Tess Conrad</td>
<td>Carmen Conrad</td>
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<td>Winifred Williams</td>
<td>Shawn Rinehart</td>
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<td>Burlene Albaugh</td>
<td>Winifred Williams</td>
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<th>Amber/Dark Amber</th>
<th>Photography (adult) Macro</th>
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<td>Kimberly Flippen</td>
<td>Nina Bagley</td>
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<td>Nina Bagley</td>
<td>Carmen Conrad</td>
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<td>David Crawford</td>
<td>Deana Taylor</td>
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<th>Creamed/Granulated</th>
<th>Photography (adult) Scenic</th>
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<tr>
<td>Carmen Conrad</td>
<td>Nina Bagley (1st &amp; 2nd)</td>
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<tr>
<td>Marie Crawford</td>
<td>Carmen Conrad</td>
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<td>Shawn Rinehart</td>
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The Buzz on OSBA at the Ohio State Fair

More than 8,000 visitors to the recent Ohio State Fair streamed through the OSBA Pavilion to see various exhibits and learn more about the importance of honeybees.

Volunteers from OSBA and many Ohio beekeeping clubs staffed the pavilion each day and guided fairgoers through the process of becoming a beekeeper, collecting honey, finding clubs in their area and selecting plants for pollinator gardens. OSBA also sponsored the statewide honey judging contest.

Nina Bagley, OSBA member and chair of the state fair committee, said putting together the pavilion is considerable work, but the reward of seeing visitors gain a better understanding of honeybees makes the effort worthwhile. “To see children and adults learn of the dire predicament that honeybees face and how even a gesture as simple as planting bee-friendly flowers can make a difference in their survival makes the pavilion such a fun project,” said Bagley.

“Our volunteers come from all over the state to help in the pavilion and they are the best hosts OSBA could ask for,” she said. “They answer every imaginable question with a smile and patience although it’s probably the same question they’ve answered already five times that day,” she added with amusement.

New this year was an extracting exhibit and for visitors who want to start a pollinator garden, OSBA sold seeds for unique and historic plants that are favorites of all types of pollinating insects.

The committee has already met to get ready for 2015, said Bagley. She encourages anyone interested in being on the fair committee to contact her at ninabagley@me.com. “We always can use good help and advice,” she said. Members of the 2014 committee include Bagley, Zale Maxwell, John George, Dwight Wells and David Crawford.

We would like to thank the following beekeepers who volunteered their time to help educate the public at the OSBA Pavilion at the Ohio State Fair:

Catherine Parker
Zale Maxwell
Susan Maxwell
John George
Kaye George
Nina Bagley
Teresa Parker
Francesca Parker
Carmen Conrad
Elena Hoffman
Terry Lieberman-Smith
Barry Conrad
Rod Pritchard
Dru Pritchard
Mike Hatter
Winnie Williams
Anne Hatter
Joe Heider
Bobbi Heider
Rick Blessing
Diane Blessing
Randall Westfall
Paul Lane
Dwight Wells
Bill Tolliver
Emma Tolliver
Tom Rathbun
Mary Rathbun
Mark Williams
David Crawford
Marie Crawford
Arnold Crabtree
Darla Crabtree
Jamie Walters
Dwight Wilson
Jerry Wilson
Marishka Wile
Sheila Theisen
Jim Tippie
Mike Albaugh
Larry Potter
Burlene Albaugh
Arica Reeves
Rusty Reeves
Dan Theisen
Jason Bosler
Angie Bosler
Fran Davidson
Tom Davidson
Rich Brutsche
Terri Brutsche
Jacquie Degnan
Bob Markowski
Barb Bloetscher
Tim Arheit
Floyd Ostrowski
Peggy Garnes
Roger Myers
Judy Myers
Bill Cooper
Dan Grant
Bob Clark
Georgie Hunter
Shaun Bennett
Brian Crow
John Lennon
Ken Edmonds
Lori Edmonds
Gary Courtright
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.
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Artificial pollen perfected on its 23rd formulation (AP23)

4 years in development by 2 world-class ag nutritionists

Delivering all of a colony’s nutritional needs in one feed

Highly palatable blend of ingredients

See a boost in bee populations

At Dadant & Sons we strive to bring you the best pollen substitutes available.

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Reduce your winter losses due to starvation

No need for making messy candy boards

Use the Dadant Winter Patty

A balance of carbohydrates and proteins that will help you control winter losses and can be used for early spring build up instead of using a sugar water

Check with your local branch for pricing.

WWW.DADANT.COM
Ohio Beekeeping

Introducing OSBA Director— Mike DeVaughn

We aren’t getting any younger, of that I am sure. I have to applaud Kim Flottum and his book *Backyard Beekeeping*. Kim’s method of using 8 frame medium boxes for everything makes perfect sense to this aging beekeeper, although I still use 10 frame equipment (deeps, mediums, and shallows).

This past summer I was asked to do beekeeping presentations to local Cub Scouts and 4-H groups. One of the goals of the OSBA is to support the 4-H project in Ohio. During the course of the presentations I informed the groups that someday I won’t be able to do beekeeping, but I will continue to drink orange juice and eat strawberries; therefore, we need these young people to become interested in beekeeping. After all, we need all the beekeepers we can get regardless of age. I know that all of these young people won’t become beekeepers, but my philosophy is … that if just a few of them become beekeepers … then I have accomplished my goal.

With that being said … Hi, I’m Michael DeVaughn, a lifelong resident of Washington County, member of the Mid-Ohio Valley Beekeepers’ Association, Washington County Apiary Inspector, owner of Indian Run Apiary (Marietta, OH), and more recently, appointed Regional Director for Buckeye Hills to complete the 2012-2014 term previously held by Sam Hammett. It is my hope to continue to serve the OSBA members and beekeeping associations in southeastern Ohio as Regional Director for the 2015-2017 term. Andrea Littler, OSBA Buckeye Hills Regional Representative and President of the Athens County Area Beekeepers Association and I will work together and try to do our best.

The Buckeye Hills Region is comprised of Athens, Belmont, Hocking, Meigs, Monroe, Morgan, Noble, Perry, and Washington County. I am in the process of compiling a list of OSBA members within this region to better serve you. If you are an OSBA member in one of these counties, please feel free to contact me via phone (740) 373-6396 or email michael@indianrunapiary.com with your thoughts, questions and / or concerns.

Buckeye Queen Producers

Buckeye Queen Producers have participated in the genetic exchange with Purdue University and have come home with several inseminated queens to add to the strengthening of Ohio bee genetics.

Joe Kovaleski, President, and Dwight Wells, Vice President, collected virgin queens from around the state and drove them to Purdue University where Krispn Givens inseminated them. All participants in the exchange were thrilled with the success of the event.

Many thanks to Purdue University for their extensive planning of the event and the years of selectively breeding for the grooming trait of the “Purdue Ankle Biter”. The drones from their work provided the semen used in the process. The Buckeye Queen Producers are looking forward to sharing these genetics among the beekeepers in our state.

The Buckeye Queen Producers have been granted their 501C3 status and will be pursuing monies now to expand the rearing of Ohio Queens! Many projects and events are being discussed with this new avenue opening up! The group would like to thank the OSBA for the grant money awarded to them… and look forward to working with them by providing Ohio Queens to members in the near future.

Peggy Garnes
Did You Know?

OSBA provided financial support to the recent Lithopolis Honeyfest and also staffed an exhibit at the popular two-day festival. Pictured on the right are members Lois Jane Ford (right) and OSBA Regional Representative Marishka Wile (second from right) entertaining questions from visitors. Thank you Lois, Marishka, Zale Maxwell, Larry Potter, Jim Tippie and Louise Adkins for donating your time to staff the tent. The Lithopolis Honeyfest is the only Ohio event dedicated exclusively to beekeeping and attracts thousands of visitors to the quaint village each September.

Jim Tippie, one of the many volunteers in OSBA’s pavilion at the Ohio State Fair, poses with American Honey Federation princess Elena Hoffman. Princess Elena was a wonderful host to many of the thousands of people who streamed through the pavilion during the fair.

The “beeyard” inside the beekeeping pavilion was quite popular with our guests. Bill Tolliver talks to several attentive visitors.

This year, OSBA was pleased to be the sponsor for the judge for the 4-H beekeeping projects. OSBA representative Alex Zomchek spent a day judging more than 25 projects from around the state. Jacob Shuman, 15, of Chillicothe, is congratulated by OSBA President Tim Arheit for receiving the top 4-H award in the state for his beekeeping project at the Ohio State Fair. His project, “The Hive will Survive if the Queen is Alive,” focused on queen rearing. This is Jacob’s second year as a beekeeper during which time he has become interested in honeybee genetics and queen rearing. He is a member of the Scioto Valley Beekeepers Association in Circleville.

Alex will also be the guest speaker at the Western New York Honey Producers Association program on October 11th at the Cornell Cooperative Extension of Erie County.
Soybeans: Golden Goose or Tofu Turkey?

Reed M. Johnson and Chia-Hua Lin

Department of Entomology, The Ohio State University

In 2014 there were 84.1 million acres of soybeans planted in the U.S. in 2014, a new record (USDA-NASS, 2014). Nearly 5 million of those acres were planted here in Ohio (also a record), comprising 17% of the total and cover of the state. Anyone who has driven down a highway in western and central Ohio is probably not surprised by these figures.

What impact do all those soybeans have on bee health and honey production in Ohio? Certainly soybeans, which produce some nectar, are an improvement over corn, which only provide pollen of relatively low quality (Standifer, 1967). While soybean flowers do not require visitation by pollinators to set seed, they do produce nectar in sufficient quantity that bees can produce harvestable honey. Enough soybean honey can be produced that it merits mention in Eva Crane’s “Honey: A comprehensive survey”, where she describes it as “light, rather thin; peculiar unpleasant flavor” (Crane, 1975). Whether you find its taste unpleasant or not, there is evidence that soybean honey may be good for you and, presumably, your bees too, as it contains nearly the same antioxidant power as buckwheat honey (Gheldof et al., 2002).

Despite the modest literature on soybean honey, soybeans as a nectar source are likely underappreciated. Part of this is probably due to the variability in soybean flower attractiveness depending on cultivar, weather conditions, soil nutrients and competition from other nectar sources (Robacker et al., 1983; Severson and Erickson, 1984). Additionally, casual observation of bee visitation is difficult as soybean flowers are tiny and bloom underneath the canopy. We do, however, have good evidence that bees visit Ohio soybean fields. This summer we successfully captured honey bees and other pollinators in blooming soybean fields using bowl traps.

It is important for beekeepers to appreciate the use of soybeans by bees, since this may be a major summer nectar source that can bolster honey production. However, bees’ taste for soybean nectar may also be putting them at great risk for insecticide exposure, since soybean growers sometimes apply insecticides to control a pest of soybeans, the soybean aphid, while the plants are blooming. Soybean aphids can be a serious pest in some situations, but unjustified use of insecticides during soybean bloom may end up harming both the beekeepers’ and the soybean growers’ yields. While not essential to soybean production, bee pollination may increase soybean production by as much as 15% (Erickson, 1975; Milfont et al., 2013). A 15% increase in soybean production would mean about $400 million for growers in the state of Ohio (based on 2013 numbers).

It seems that soybeans may have the potential to make beekeepers rich and bees may have the potential to make soybean growers rich, but we really need to know more details about this relationship. We would love to get some data on honey bee visitation to soybeans. Luckily, you, Ohio Beekeeper, may already have the answer to our questions. Detection of soybean pollen in honey is a good line of evidence to demonstrate that bees are using soybeans as a nectar source. We have done some preliminary analysis of Ohio “summer” honey and have found soybean pollen in the samples tested so far.

If you want to see if there is soybean pollen in your honey -- honey that they collected in July and August -- we’d be interested in testing it at the upcoming OSBA Fall Conference. Just bring an ounce or two of your summer honey (raw honey would be ideal, a squirt from a honey bear is fine) to the OSBA Fall Conference on Saturday, November 1 in Plain City and we’ll spin it down, stain it and put it under the microscope to see if we can find any soybean pollen. Stop by our table to drop off your honey sometime during the conference and we’ll do our best to process it and give you the results by the end of the meeting.


(Continued on page 15)
Another Resource for Beekeepers: NHB’s National Honey Month Press Kits

Have you visited the National Honey Board’s website recently? If you are looking for professionally printed materials to hand out to your customers about honey, recipes, or even health info, www.honey.com is a great place to browse.

The NHB announced that they will be providing press kits to the honey industry to promote September as National Honey Month. The press kit is available at no cost to beekeepers throughout the United States. This year’s kit includes information on the benefits of honey, a variety of honey recipes, a 30 Days of Honey one-page handout which encourages consumption of honey throughout the month, as well as the NHB’s newest and most popular honey brochures that showcase honey’s versatility.

To request a kit, contact Andrea Brening at the NHB office (800-553-7162), or by sending an email to Andrea@nhb.org.

The National Honey Board is an industry-funded agriculture promotion group that works to educate consumers about the benefits and uses for honey and honey products through research, marketing and promotional programs.

**Soybeans** (Continued from page 14)


Dana Stahlman’s “The Next Step Beekeeping”

Dana Stahlman is offering “The Next Step Beekeeping” Classes in nearby London, Ohio. For enrollment information, contact Dana at: stahlmanapriaries@aol.com.

The cost per session is $200.00 per person. Earn a session discount by sharing this with your friends. A discount of 50% will be given to any group of 3 or more that enroll and pay at the same time as a group. Credit card payments accepted thru PayPal. Class sizes are limited.

Dates and times for classes will be arranged with students showing an interest in taking the classes. Other classes designed for beekeepers who want customized instruction will be available throughout the year.

Available Classes include

- **Beginning Beekeeping 101** [The First Step to Beekeeping] Repeated often during Fall, Winter and Spring. More than a beginning beekeeping class.
- **Management of Bees for Maximum Profit** Fall-Winter-Spring
- **Hobby Queen Rearing** Year-Round Availability
- **Queen Production for Profit** This 3-day class, Spring or Summer, includes classroom instruction and hands-on training in a queen producing apiary. Designed for the beekeeper who wants to sell queens.
Buzzing About OSBA

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

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

You

OSBA Educational Conferences
Reserve the Date! November 1st for the Fall Conference in Plain City.

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

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.

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

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.
Association Corner

From Alex Zomchek – Miami Valley Region:
Greene County Beekeepers Association continues to wow the general public during its Annual Honey Harvest. Demonstrations include extracting, top bar hive, Apitherapy, candle rolling, and much more. The club sponsored Queen Rearing Class, with Tim Arheit as instructor, filled quickly.

Top of Ohio: Mike Doseck
The new association is on-the-road. We met at Don Stienke's to take a tour of his operation, Stienke's Bee World. Don gave a tour and explained his lay out which is based upon Bee Culture's suggestions. The group is already planning speakers for 2015.

Miami Valley Beekeepers continues another successful year with its annual Honey Harvest Demonstration. The club is already planning next year’s line-up of speakers and topics, along with a new storage facility for the club apiary. They meet the 1st Monday of each month (except Dec/Jan) at Brukner Nature Center in Troy, OH.

From Jason Bosler—Crossroads Region:
I have been working with the three Amish groups in the Crossroads Region to establish groups of support, education, and networking. The informal meetings are going very well. We are currently discussing "When do you Start Preparing for Winter"... We are also getting a committee put together for the 2015 Farm Family Field days that will determine who the speaker should be and how the beekeeping works for that year.

The Tuscarawas County Beekeepers are getting ready for their county fair beekeeping display and honey judging contest in Mid-September. They have been discussing future fundraisers, and they had a great speaker in from the USDA to talk about the farm bill and programs related to beekeepers.

Most beekeepers I talked to have had a decent honey flow however are concerned about the weather coming this winter so very few will be removing anymore honey. Most of our farmers markets will be drawing to a close in the next 30 -45 days, pumpkin pollination is also about over. And most of us in this area seem to be ready for the winter.

From Dwight Wilson—Maumee Valley Region:
News from The Northwest Ohio Beekeepers Association. It has been a busy year. Late in July we had a Field Day at Alan Wischmeyer's home and bee yard. He did a great job going through what he does with his bees. There were new beekeepers who came and learned a lot. We checked out a swarm, that Alan had caught, to find a good queen, and did some treatment for varroa. We pulled honey off of a dozen or so hives, checked the hives for a good queen and the brood pattern for disease. We even took a big load of honey to the honey house. Thanks to Alan it was an enjoyable day for all.

At our September 23rd club meeting, Barb Bloetscher, the state apiarist, will be our guest speaker.

We normally plan an auction for our November meeting, which is the last meeting of the year. The items auctioned off are all donated by the members attending. It is a good money maker for the club that helps out with expenses the following year.

From Mike Soboleski—Maumee Valley Region:
The Maumee Valley Beekeepers started the summer off with a field day at Roger Myers's apiary followed by a potluck and fellowship. In July we had a booth at the Lucas County Fair that was a huge success. Several thousand people stopped and talked to us about bees and our problems. The main attraction was the observation hive which was like a magnet for children and adults alike. Most people had never seen bees up close and were fascinated by the marked queen. In August we were given a tour of a commercial extracting operation by fellow member Ron Householder who runs around 700 hives and can process 200 supers of honey each day. And to finish out the summer season we have our annual honey tasting meeting where we have members bring in samples of their honey and via for plaques for the Best Honey, Sweetest Honey, and Varietal Honey.

From Tracy Alarcon—Western Reserve Region:
The Western Reserve Region has had a very interesting season. Some folks are claiming that it has been the best honey season in a long time with packages producing 2-5 supers of honey, while others have had nothing but prob-

(Continued on page 19)
**Association Corner** (Continued from page 18)

lems, swarming, queen supercedure, high Varroa and Small Hive Beetle counts, etc... But that’s beekeeping!

Late season swarming seems to have been more prevalent this year than in years past with many folks colonies swarming in August and into September. President of the Portage County Beekeepers Association, Dan Kaminski, told me that on September 9th 2014 he picked up a swarm that filled up a 5 gallon honey bucket!!!

**Medina County Beekeepers** are lining up super speakers! Vaughn Bryant from Texas A & M spoke at the meeting on September 15th about identifying pollen and nectar in honey samples. Over 104 beekeepers and visitors were in attendance and the group went home encouraged to catalog our local pollen!

Next month’s speaker is Ed Colby, Bee Culture Columnist, Ski Patrol and beekeeper, will talk about *Gettin’ er done. Keeping bees Full Speed.*

Beginner’s Session will be at 6:30 pm for all those new bee questions! Please come and join us! These sessions are open to beginners and members for all questions or concerns regarding beekeeping.

The Annual Picnic in August and the Field Day rounded out the latest activities for the Medina Beekeepers. The club’s Christmas Dinner/Gift Exchange is December 15th. Keep watching our webpage calendar for upcoming activities!

**From Andrea Littler—Buckeye Hills**

The Mid Ohio Valley Beekeepers’ Association is continuing to provide a means for new, as well as seasoned beekeepers, to learn about the latest challenges and methods of beekeeping. Members have enjoyed various speakers, covering topics such as parasite and disease treatments, making splits using the Snelgrove method, bee sting emergency, as well as general discussions on different subjects.

Once again MOVBA, along with the West Virginia Extension Services, will be hosting the annual Honey Bee Expo. This will be the 12th year for this event which will hold on Saturday, January 31, 2015 on the campus of WVU Parkersburg. This is an all day event with various speakers covering a wide range of interests. The date is set, but the various speakers have not been finalized. Once everything is in place, all the information will be posted on our website. We now have a new site which is movba.org. Vendors will also be present, allowing guest to shop for items, or pre-order and pick up at the expo, thus avoiding shipping cost. Hope to see everyone there. So continue checking our web-site for information as it becomes available.

So remember our new web site (movba.org) and our Honey Bee Expo in January.

**Athens County Area Beekeepers Association** (ACABA) will “bee” at the Paw Paw Fest to provide information to the public regarding saving plus rearing honey bees on a large & small scale. ACABA members are interested in raising queens that are well-suited for the West Virginia & Southeast Ohio (Appalachian) region. Several members are raising queens for this purpose. Thanks to Paul Cline for sharing his queen rearing secrets!

**From Susan Valentine-Cooper– Heart of Ohio**

This year’s 8th Lithopolis Honey Fest, was dedicated to Dan Cottrell from Scioto Valley beekeepers. In past years, he was a staple at the honey extracting exhibit. Tragically, Dan passed away the week following the Honeyfest last year. This year’s fest featured a honey contest for the first time this year initiated and organized by OSBA Heart of Ohio Representative Kim Flippen and Licking County Bee Inspector Shawn Rinehart. The Best of Show award as was named in Dan’s honor. Isaac Barnes of Honey Run farms won Best of Show this year. Kim Flippen and Shawn Rinehart and John Grafton judged.

**ECOBA** President, Mike Albaugh, has been raising the bar for club programming and speakers! For the past two years, Mike has been working to bring in nationally known and published speakers and bee educators for club meetings. He has collaborated with COBA President Rod Pritchard Mike and other club members have worked tirelessly at 4 county fairs and local community events; hosting honey bee education tables, selling 14,000(!) honey sticks and club honey to raise money for speaker expenses and provide the excellent educational opportunities at no extra cost to club members. This summer has seen Dr. Debra Delaney from University of Delaware, Randy Oliver (“Scientific Beekeeping.com”) from California, and coming this month, Dr. Jamie Ellis from University Florida.

**COBA**’s first year bee yard will be wrapping up the end of September. September 13/14th was honey harvest and extraction demo at Rod Pritchard’s farm.

Teaching Bee yards run by COBA, ECOBA, and Scioto Valley are all wrapping up for the season. Scioto Valley extracted over 200 lbs of honey at the Lithopolis honeyfest this year. COBA’s weekly Wed. night potlucks and education have been very well attended. An informal survey of members shows that the majority of longtime members and members in leadership positions have been participants at the bee yard.

(Continued on page 20)
Association Corner (Continued from page 19)

From Tom Rathbun—Erie Basin
On Saturday September 6th, the Sandusky River Valley Beekeepers Association held their annual Potluck Club Picnic with hot dogs and hamburgers provided by the club. It was attended by 30 members along with their families. The picnic was held at a members residence. It was a great time for all and the food was wonderful.

On September 16-17 the club again participated in Sandusky County’s “Exploring Your Back Yard”, this two day event is attended by children in the fourth grade that attend area schools in Sandusky County. The event is held at the Sandusky County Fair Grounds. The children attend several 20 minute classes such as water conservation, gardening, and Beekeeping and other topics. The Beekeeping topic is always a hit with the kids. The club has on display a observation hive, and several questions are answered by the clubs volunteers. Honey sticks are then given out at the end of each presentation.

The club will also be filling bottles of honey this year and they will be given to the area Food Pantries during the upcoming Holidays.

From Marishka Wile–Ohio Valley

The Brown County Beekeepers Association would like to invite Ohio Beekeepers to enter their honey in the open honey show at Brown County Fair. All entries must be registered and in place by September 21st. Fair dates are from September 22-27. You can find more information at www.browncountybeekeepersassociation.org/home.html. Be sure to stop by at the club’s booth where they sell local honey and educate the public about honeybees.

Highland County will continue to hold its valuable open forum meetings. Meeting times, dates and location can be found at http://www.highlandcountybeekeepers.com/
Telling the Bees

Ron Hoopes

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.

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 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.

RALPH WISCHMEYER
Ralph E. Wischmeyer, 84, of Ottawa died at 8:20 a.m. Wednesday, August 6, 2014 at his residence. He was born May 1, 1930 in Ottawa, Putnam County, to the late Anna Wischmeyer. On August 18, 1954 he married Kathleen O'Neill who survives in Ottawa.

Also surviving are six children: Dennis Wischmeyer of Mt. Sterling, Tom (Judy) Wischmeyer of Ottawa, Lois (Tim) Kahle of Pandora, Joe (Carol) Wischmeyer, Jan (Jeff) Fuetter, and Nancy (John) Schaub all of Ottawa; 23 grandchildren: and 8 great-grandchildren: He was also preceded in death by 3 infant sons and an infant daughter.

Ralph retired in 1986 as an accountant for Marathon Oil Company, Findlay. He was a lifelong farmer and BEEKEEPER He was a U.S. Marine Corps veteran of the Korean Conflict for 4 years where he was Senior Drill Instructor at Paris Island, SC for 2 years. Ralph was a member of SS. Peter and Paul Catholic Church, Ottawa, the Ottawa Knights of Columbus, Ottawa American Legion Post #63, and the Ottawa VFW Post #9142. He was a member of the North West Ohio Beekeepers Association.

A Mass of Christian Burial was on Saturday, August 9, 2014 at SS. Peter and Paul Catholic Church, Ottawa with Fr. Matt Jozefiak officiating. Burial followed in the church cemetery with military rites by the Ottawa American Legion, VFW, and AMVETS.
Potential Pesticide Risks

Roy Hendrickson

Editor’s Note: Like many beekeepers, Roy as compiled many hints and tips throughout his beekeeping years. He has been generous enough to share with me many pages of the tried and true beekeeping snippets that he is now organizing on his computer. While much beekeeping information is now available at our fingertips, literally, not all of what you will find online as been proven throughout the years. I have asked Roy if I could share with you the information that he was so kind to forward to me. Of course, he said “Yes”. Therefore, here is the continuing series from…. Roy’s Files.

Insect Growth Regulators

**Diflubenzuron** – Marketed as Dimilin - Used to control Peach Twig Borer on Almonds, and who knows, what else? It’s also used to control tent caterpillar and gypsy moth. Dimilin can be mixed with early season orchard oil sprays.

This product doesn’t harm adult bees, but it does kills brood. It works by inhibiting the production of chitin which insects use to build their exoskeleton? In other words, it inhibits the larval moulting process. The toxic effects from exposure to Diflubenzuron are always delayed. Diflubenzuron retains its toxicity in bee bread and can kill larvae long after the actual exposure. Diflubenzuron has been directly linked to queen cell loss in California.

Neonicotinoids

**Clothianidin** – Used primarily as a seed treatment for corn. Clothianidin is very toxic to bees when spread through planter dust, or talc, during the seed planting operation. However, clothianidin hasn’t been found in high concentrations in corn pollen. For unknown reasons bees avoid collecting pollen from field corn. Sweet corn is very attractive to honey bees, even though the pollen is low in protein.

**Spraying during bloom** – New research indicates that pyrethroids sprayed on crops during bloom had a repellent effect on foraging bees. ABJ, March 2013.

Fungicides

Fungicides are more prevalent in pollen than all the other pesticide categories.

**Chlorothalonil** – Marketed as Bravo, Echo and Daconil - This fungicide is one of the most commonly used pesticides. It has a multitude of uses on a wide variety of plants, and is strongly suspected of causing problems for bees. Chlorothalonil is not found in high concentrations in corn pollen.

Organophosphates

**Chlorpyrifos** – Marketed as Lorsban or Dursban - A commonly used organophosphate insecticide that is extremely toxic to bees, and often found in bee bread. (On par with the neonicotinoids) It’s most commonly used in this area on corn and apples.
The EAS Conference was held this year at the Eastern Kentucky University in Richmond, KY. The conference is run in two parts, the first being Short Course and the second part is the conference.

Short Course this year featured Beginner, Advanced and labs for the attendees along with on-site apiary. Jennifer Berry gave a two-day course on queen rearing with hands-on grafting and lectures. This course was on a pre-registered basis and filled to capacity. Another course offered that filled quickly was the Honey Bee Lab that microscopes were used to examine honey bees, mites, Nosema and pollen grains.

The conference started on Wednesday as usual with a welcoming from EAS Chairman, Jim Bobb and President Dr. Tammy Horn. Dr. Robert Danka, Research Entomologist, USDA-ARS Honey Bee Breeding Lab in Baton Rouge, LA was the Keynote Speaker.

2015 EAS Conference will be at University of Guelph in Guelph, Ontario, Canada – August 10 – 15, 2015. Passports are required to reenter the United States – so plan ahead!

Please visit the EAS Website www.easternapiculture.org for additional information.
Another beekeeping season is winding down, at least that is what I am told by many people. Personally, I don’t think there is an ending, since I’m already planning for next year. OSBA, GCBA, MVBA, presentations to other groups, newsletters, conferences, new-bee classes, other classes, and of course, my own apiary and life outside the bees. Not much breathing space, I’ll agree.

New challenges are one of the invigorating reasons to wake up each day looking forward to the possibilities, whatever they may be and wherever they may lead. I realize that concept may be a bit too optimistic for many people, but isn’t that what beekeeping is…..Hope for the best (plan for the worst)? None of us want a hum-drum life…..we’re beekeepers!

Spice up your 2015. Join, participate, enrich. Join a beekeeping organization. Actually participate, don’t just show up. Help enrich fellow beekeepers and your community. Whether you are a slightly cynical, experienced beekeeper, or an enthusiastic newbee, you have value that your associations needs in order to thrive. Consider the association a colony…..the more active the members, the stronger the association. There are many ways to support your organization— help provide refreshments, write articles for your newsletter, give presentations to outside groups, help organize club activities.

I enjoy working with new beekeepers. Their curiosity and enthusiasm help keep me motivated. They are up to almost any challenge and beekeeping experience. Many of our first year students participated in a club sponsored queen rearing class! Conversation and fellowship was shared among the attendees from all levels of beekeeping.

There will always be the “Negative Nellies”, “No-way Jose’s” and other assorted trolls who will try to put the brakes on association projects. Its not that they don’t have the best interest of the club at heart (hopefully), but that they find comfort in the status quo, even if that means a stagnating club.

We had a few naysayers when we put together the queen rearing class. However, most of our students now have lovely new queens that they not only installed in their apiaries, but also shared with fellow beekeepers who needed new queens. The class participant experiences certainly over-shadowed the negative nelly (sorry if any of you are named Nelly).

Life and beekeeping are not dress rehearsals. You don’t get a second chance at having fun, excitement, and the knowledge that you are helping the rest of the colony.

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**Row Crops into Pollinator Habitat— CP42**

Clover, sunflowers, coneflowers, goldenrod, aster, indigo,…oh-my! Doesn’t that list of flowers sound like a year-round feast for the bees? The answer of course is “yes”. The USDA is offering a relatively new program called CP42 Pollinator Habitat. This program will take cropland and replace it with pollinator habitat. The contract is for 10 years. The incentives on this program are rather generous. Just be aware that a wildflower field is not maintenance free, and may require some management. However, in our current agricultural world of large expanses of mono-culture….can you imagine the oases of year-round forage that these pollinator areas can supply our bees?

They are also other pollinator programs for non-crop fields. For more information: [www.fsa.usda.gov/oh](http://www.fsa.usda.gov/oh) or contact your local FSA office.
"Winter loss for Guernsey-Noble County – Honey Bee Loss Trauma"

The summer of 2013 and continued winter of 2014 was devastating for honeybees. A production year for beekeepers combines the summer honey production crop and the following winter for survival. To be successful, not only does a Beekeeper want a good honey crop (approximately 45 to 90 pounds per hive) but also the survival of the bees throughout the following winter. The winter survival rate of the bees begins from the previous summer. In the event when there is not sufficient honey, it places the bees under stress for disease and parasitic organisms. The hive must be strong and healthy to survive the winter. Experienced beekeeper can recognize these parameters and assist the bees to prepare them for winter. The National Bee Informed Management conducts surveys each year among beekeepers throughout the United States. Last year’s results showed a 31.7% hive loss. However this year’s study will not be completed until later in the year. The Bee Informed Management Survey breaks the beekeepers into 3 groups according to size: backyard beekeeper, sideline beekeeper, and the commercial beekeeper (managing over 500 hives). The most success rates were obtained by the commercial beekeepers and the least successful with the backyard beekeeper.

Over the years the hive loss has increased due to many diverse factors. During the 1950s there were over 6 million hives in the United States and now the number of hives is approximately 3.5 million. Some of the contributing factors are as follows: disease, parasites, harmful chemicals and decrease in beekeepers. The role that the honeybees play is an important role in pollination. It is estimated that 1/3 of the food chain is depended on bee pollination.

I thought it would be interesting to complete a parallel study with the Guernsey Noble Beekeepers Club’s results. The study was done voluntarily and there were 21 Beekeepers participating in the study. This was approximately 85% of our regularly attending members. In attaining this rate, I utilize emails, mailings and passed out the surveys at our meetings. The colony loss was considered any colony that had died out or disappear from the fall (September 1st through March 31, 2014). There was not a breakout for nuc survival verses full sized colony survival.

We found the colony lost to be substantial at 48%. Just like the national trend of commercial verses backyard, our club members who had over 10 hives did better than those with less than 10 hives. This group had a 37% hive lost. Individuals who have over 10 hives traditionally have more experience with identifying problems and solving them. Other interesting statistics are identified in the table on the following page.

Reviewing statistics by studying literature in bee journals and talking with fellow beekeepers, I’ve found the most important ingredient for winter success is a strong hive and good queens. The quality of the queen will determine the strength of the hive. Also the ability to foresee problem hives before they become diseased or weak is also vital, as well as resolving the issues in the early stages. This is the fun and passion of beekeeping and Americans benefit from our successes. State and Local bee clubs are great resources and will assist the beginner and more advanced beekeeper. Check us out at the website: www.guernseynoblebeekeepers.com.

On the next page is the form that we used to conduct the study, along with our club’s results: If you have any questions, please contact me at:

Don Crock – Guernsey-Noble Beekeeping Club 46135 Bear Slide Road Caldwell, Ohio 43724 Email: doncrock@yahoo.com Cell Phone 740-581-1883

Don Crock

Snip and Save
Study on Winter Kill - I am doing a study on the winter kill from the Wet Summer 2013 to the Harsh Winter of 2014 I would like to collect some data and print the results back to the club and submit to the Ohio State Beekeepers Association. Your help would be greatly appreciated.

Name_______________________________________________________

How many colonies did you have in the summer 2013______________

Did you treat for mites? _______yes _______no
If you treated for mites, what type of treatment did you apply to your bees. If you treated with more than one kind of treatment, please indicate. Example: Screen Bottom board and Mite Away.

_____________________________________________________________________________________
_____________________________________________________________________________________

Did you feed your bees last fall 2013? _______yes _______no
Did you feed your bees during this winter _______yes _______no
If yes you use _______ sugar water, _______fondant _______honey, _______sugar _______other

As of March 31, 2014 how many colonies do you have?___________

# of colonies loss in the fall 2013_______

# of colonies loss in the winter (Dec 2013 thru March 15, 2014)_________

Other Comments:

<table>
<thead>
<tr>
<th>Description</th>
<th>Percent</th>
<th>Number</th>
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<tbody>
<tr>
<td>Number of beekeepers in study</td>
<td>21%</td>
<td>21</td>
</tr>
<tr>
<td>Total Bee lost</td>
<td>48%</td>
<td>77</td>
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<tr>
<td># beekeepers treating for mites</td>
<td>67%</td>
<td>14</td>
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<tr>
<td># who did fall feeding</td>
<td>71%</td>
<td>15</td>
</tr>
<tr>
<td># who did winter feeding</td>
<td>62%</td>
<td>13</td>
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<tr>
<td># using screen bottom</td>
<td>29%</td>
<td>6</td>
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<tr>
<td># using Aptisan Strips</td>
<td>24%</td>
<td>5</td>
</tr>
<tr>
<td># using mite away</td>
<td>10%</td>
<td>2</td>
</tr>
<tr>
<td># using powder sugar</td>
<td>10%</td>
<td>2</td>
</tr>
<tr>
<td>Total # of Colonies</td>
<td>159</td>
<td></td>
</tr>
<tr>
<td># beekeepers with over 10 colonies</td>
<td>28%</td>
<td>6</td>
</tr>
<tr>
<td># These six beekeepers had</td>
<td>73%</td>
<td>116</td>
</tr>
<tr>
<td>Ave # colonies for those under 10</td>
<td>27%</td>
<td>3</td>
</tr>
<tr>
<td># beekeepers who lost none</td>
<td>33%</td>
<td>7</td>
</tr>
<tr>
<td># of beekeepers who did not treat and lost none</td>
<td>4.7%</td>
<td>2</td>
</tr>
</tbody>
</table>
As you know, the GCBA first Queen Rearing class filled quickly. The day started off with over 2 hours of classroom training by instructor Tim Arheit. We then had a short break for lunch during which everyone shared many beekeeping adventures. After lunch we hopped into our vehicles and caravanned to the Greene County Parks & Trails Russ Nature Reserve and the apiary managed by Bill Starrett.

Participants watched as Tim Arheit grafted larvae into queen cups. Each student then had the opportunity to graft from frames that Tim brought from his own production apiary. Lots of laughter and fellowship were shared during the student’s attempts at grafting. The cell bars with the newly grafted larvae were then placed in the queenless hive that Bill had prepared the day before the class.

Students went home with a grafting tool, grafting frame and push-in queen cell cups, along with an OSBA Queen Rearing booklet.

We all eagerly waited for the news about the grafts. The news, unfortunately, was not positive for many participants….but Tim was kind enough to do some grafting so that everyone has the opportunity to receive at least 2 queen cells for their apiary.

Students arrived at the Russ Nature Center Apiary to pick up their queen cells. Styrofoam cups or empty egg containers carried the delicate cargo back home to awaiting nucs or hives.

Queens have emerged and we’re waiting on lots of mating flights in the area!
Buckeye Queen Producers Cooperative is promoting Ohio raised queens that are well suited to local climate and ecology.

These queens are all raised in Ohio by a group of Ohio queen producers. The queens are all open mated here in Ohio with survivor stock colonies. Inseminated Breeder Queens are from the genetic lines of Sue Cobey, Adam Finklestein, John Harbo, Joe Latshaw, and Dr. Greg Hunt at Purdue, as well as some locally inseminated queens and survivor stock. The colonies with queens raised from the Purdue stock are being dubbed as ankle biters by Dr. Hunt, due to a hygienic trait where the bees are taking a bite out of the mites, usually their leg, which causes death of the mite. This trait is presenting itself in over 70 percent of fallen mites being chewed. The Buckeye Queen Producers group is a member of the Heartland Honey Bee Breeders Cooperative (Indiana-Ohio-West Virginia) and has received substantial financial support from the Ohio State Beekeepers Association.

For additional information go our website at www.ohioqueens.org

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 discounted beekeeping magazine subscription.
- 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.

No Teaspoons Allowed
(recipes that really use honey)

Honey-Cranberry Bar Cookies
1 bag cranberries, 12 oz
3/4 C. Honey
1 package golden cake mix
3/4 c. butter, melted
2 eggs
1 c. old-fashioned oats
3/4 c. brown sugar
1 t. ginger
1/2 t. cinnamon
1/4 t. cloves

Combine the cranberries and honey in a saucepan. Cook, over a medium heat, until the cranberry skins have opened up and the mixture thickens. Stir to prevent sticking or burning. Remove from heat and let cool slightly.

In a bowl mix together the cake mix, oats, brown sugar, and spices. In a separate bowl mix together the melted butter and eggs. Add the wet ingredients to the dry ingredients. Mix thoroughly. Set aside about 1/3 of the mixture. Spread the rest into a greased 9x13 pan. Spread the honey cranberry mix over the batter. Using two spoons, dollop pieces of the remaining batter evenly over the fruit mixture. Bake at 350 for 35 minutes, or until lightly browned. Cook before slicing.
Bee-ing Safe in the Beeyard

If the season has been going well, your hives are hopefully busting at the seams with that beautiful golden honey. Moving our hives around the bee yard can be challenging and dangerous if we don’t take the proper safety precautions. According to the Bureau of Labor Statistics, the nation’s number one workplace safety problem is back injuries. Their survey shows that four out of five of compensable work injuries were to the lower back, and that three out of four occurred while the employee was lifting. Sadly, no approach has been found for totally eliminating back injuries caused by lifting, though it is felt that a substantial portion can be prevented by an effective control program and ergonomic design of work tasks. This is where looking at how we lift and using assistance from others or mechanical devices as depicted below can help us remain healthy and working bees for years to come.

Technique is one method to safely lift a heavy object. We have all been told to lift with our legs and not our backs and cannot be repeated enough. Weightlifters deadlift hundreds of pounds safely by using proper technique and the following pictures show the technique for getting into position and lifting a box similar to our hives.

Note how the back is kept flat, not arched and the box remains close to the body. Reaching moves the load away from the back, increases the effective load, and places considerable strain on the shoulders and should be avoided as much as possible. Additionally, if you need to turn, do so with your feet and do not twist your back. If you are going to move any distance with the hive, be sure to check your path for obstacles ahead of time.

If we determine we are unable to lift the hives safety ourselves, we can look toward mechanical assistance. The first picture below shows a hive carrier available from Dadant that makes moving a hive safer and easier with two people.

Mr. Russell from the Gretchen Bee Ranch had this nifty device to lift the beehives into the truck. “Each hive weighed about 150 pounds, so this lifting machine saved some wear and tear on our backs.”

A search on google turned up this device which is used at Bardwell farms and can be seen on YouTube.

The importance of proper lifting cannot be emphasized enough as one misstep could take you out of the bee yard and unable to care for your girls. Additional techniques for your consideration are listed below and are from the office of risk management in North Dakota.

Next Quarter: Lifting Techniques
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.
OSBA - Annual Fall Conference
November 1st, 2014
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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<tr>
<th>Price Each</th>
<th>Quantity</th>
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<tr>
<td>OSBA Member (Pre-Registered)</td>
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<td>OSBA Guest (Spouse and children under 18 with paid OSBA Member)</td>
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<td>Non-OSBA Member</td>
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<td>Lunch</td>
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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
- ☐ Dark Honey
- ☐ Flavored Granulated Honey
- ☐ Gift Baskets

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
2014 OHIO STATE BEEKEEPER’S ASSOCIATION
OFFICERS AND CONTACTS

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Ohio State Beekeepers Association 2015 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 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.