

BULLETIN

1891-2018

ILLINOIS STATE BEEKEEPERS ASSOCIATION

127th ANNUAL FALL MEETING
SATURDAY, NOVEMBER 10, 2018



Hosted By:

ILLINOIS DEPARTMENT OF AGRICULTURE
and
ILLINOIS STATE BEEKEEPERS ASSOCIATION
at
ILLINOIS DEPARTMENT OF AGRICULTURE BUILDING
STATE FAIRGROUNDS
SPRINGFIELD, ILLINOIS 62794

FROM THE PRESIDENT

Dale Hill

It's Saturday morning of Labor Day weekend, and I'm wondering where the summer went. We had a very cold, wet spring (4" of snow on Easter Sunday), then summer arrived in full force around May 1st with temperatures in the mid-high 90s. Then we had almost no rain from May 1st through August 1st, so very little pollen and nectar for most of the summer. In August, we had about 4" of rain, but we are still about 7-8" behind for rain so far this year. This has not been a good year for the bees, but it has been a good year for



small hive beetles – more this year than ever before. Nutritionally stressed bees will always have more disease, parasite and pest problems than in good weather years with good pollen and nectar flow.

I recently finished teaching the bee nutrition section of the University of Montana Master Beekeeping Course. As in past years of doing this, I learn as much from the students as they learn from me as much more than nutrition is discussed in this section of the course.

Bernie Andrew (our regional apiary inspector) checked several of my hives in

August, did mite count on some of them for the University of Illinois Study with Dr. Adam Dolezol, and found Varroa mite levels that were approaching treatment levels. I did an immediate powdered sugar treatment as I still had supers on at that time.



Last week we harvested about 60 lbs of honey total from 3 hives. My other 9 hives had no honey in the supers, and several still did not have adequate honey and pollen stores in the brood boxes. I am starting supplemental fall feeding (more discussion to follow). I have talked to several other local beekeepers who have had similar experiences with low honey production this year. I hope that you have had better honey production in your geographic area.

Now that supers are off, I am trying Randy Oliver's method for oxalic acid/glycerin treatment using the blue shop towels (American Bee Journal, January 2017). Hopefully, this will help reduce the small hive beetle populations at the same time.

Now is the time to check your hives and determine what needs to be done to get your



colonies ready for winter weather. For most of central and northern Illinois, this means that colonies should have at least 80-100 lbs of honey (roughly 10-12 frames full of honey) in the brood chambers, and at least 3-4 frames with plenty of pollen/bee bread. Colonies in southern Illinois can usually get by with about 75-90 lbs of honey (roughly 9-10 frames) as the winter weather is usually not quite as cold. Starting to provide supplemental feeding now will help the colonies if we have an early winter. Providing the sucrose syrup (2:1 sucrose to water by weight or volume) is recommended for fall feeding. Using front or top feeders works well until frost, then feeding inside the hives works better. I have started feeding dry pollen substitute (1:1 pollen substitute to sucrose) fed inside an empty brood box for community feeding. While this may somewhat encourage robbing, I do this because the small hive beetles also thrive on pollen patties inside of the hives. I also use 24"-wide conveyor belt strips under my hives with my screened bottom boards so the beetles have a much more difficult time boring into the soil for survival.

The queen stops laying in very late fall with colder temperatures and shorter daylight hours, so the winter bees have a relatively low need for protein and a high need for carbohydrates (stored honey) for energy to keep the winter cluster warm (75-80°F). The queen starts laying again when she senses that the daylight hours are beginning to be longer (usually late January-early February for southern Illinois and about 2-4 weeks later as you move north). When this happens, there is a tremendous need for

more food as the winter bees increase the hive temperature to 94-95°F when there is brood present. My experience has been that this is the timeframe that bees may run out of food in the hive. Lots of dead bees with their heads in the cells is a confirmation that this has occurred. This needs to be addressed with fall supplemental feeding to help ensure adequate winter food supplies. I routinely provide supplemental pollen/sucrose patties starting mid-winter and continuing until there is pollen and nectar available in spring for bee foraging.

Plans are pretty much in place for the Fall meeting on Saturday, November 10, at the Agriculture Building at the State Fairgrounds in Springfield. The general focus of this meeting will



be queens. Speakers will include Tina Sebestyen, VP Colorado State Beekeepers Assn speaking on "Everything You Need to Know About the Queen". Dr Dewey Caron will be giving two presentations – "How to tell your colony is queenright - what to do if it is queen "wrong" and "Need a queen? Keep a resource hive." Stu Jacobson of Illinois Queen Initiative will also be speaking. ISBA will again provide free lunches for our military veterans as the meeting date is November 10 and Veterans Day is November 11. To all those who have served or are currently serving our country, ISBA says Thank You for Your Military Service. I will also do a short presentation on ISBA Board activities to keep everyone informed of what is going on between annual meetings. This was well received at the 2018 Annual

Summer meeting in June, so will continue this for the fall meeting. We hope to see all of you at the Fall meeting in Springfield. We try to develop educational programs at these meetings to make all of us better beekeepers, and not just bee-havers.

Larry Kregel, our ISBA Northern Director, is heading up the planning for the ISBA Spring Meeting to be held June 7 & 8, 2019. Current planning is ISBA members-only workshops on

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Friday and the open Saturday meeting. We will have more details at the 2018 Annual Fall meeting. Please put this on your planning calendar as this is shaping up to be a very good meeting.

As a last note, all of the ISBA family sends their sincere condolences to Angela Nelson, our newsletter editor, who lost her partner recently in a tragic accident. Our thoughts and prayers are with you, Angela.

May the good Lord bless us and help make us better caretakers of His honey bees.



HONEY OATMEAL RAISIN COOKIES

1st Place

Preheat oven to 350°

Whisk together and set aside:

- 1 cups flour
- 1 teaspoon baking soda
- 1 teaspoon baking powder
- 1 teaspoon kosher salt

Cream wet ingredients:

- 1 cup unsalted butter, softened
- $\frac{3}{4}$ cup sugar
- $\frac{3}{4}$ cup brown sugar
- 2 large eggs
- 2 teaspoons vanilla

Add $\frac{3}{4}$ cups HONEY

Add flour mixture and mix until no flour shows

Stir in

- 3 cups oats (not instant)
- $1\frac{1}{2}$ cups raisins
- $1\frac{1}{2}$ cups chopped pecans

Mix until all ingredients are combined.

Drop dough from a tablespoon 2 inches apart on a cookie sheet. I line my cookie sheet with parchment paper, can use nonstick spray.

Bake 11-13 minutes

Let cookies sit on sheet 2 minutes before removing to a wire rack to cool.

THE BEETLES THAT ATE SANDWICH, ILLINOIS

Eleanor Schumacher



If you're a beekeeper in Sandwich, Illinois, I'm sorry to poke fun. But if Small Hive Beetles are eating your hives like Sandwiches, you're not alone! There are very few remaining areas in Illinois not affected by SHB, and many beekeepers are noticing higher numbers of beetles than they have seen before.

A typical fall scenario: The hive tool is in one hand, the smoker in the other. The beekeeper takes a breath, and in one quick motion, pops and whisks aside the telescoping cover, hits the inner cover with smoke, and goes to work playing "whack a mole", smashing the scattering herd of beetles as they tumble, fly, and try to hide under the legs of frustrated honey bees. As fall brings cooler temperatures, beetles move slower, and huddle in more condensed packs, often



in the corners of boxes, edges of frames, or propolized inner cover safety zones.

These huddles can reach populations of over a thousand beetles! I have seen huddles this size controlled by torching, or even drowning.

Many beekeepers are wondering "why are the beetles so bad this year?" Some new and interesting research presents a couple of reasons why beetle numbers are high. One reason is familiar, and one is less popular. Published in the journal "Apidologie" this past July, researchers Kayode Lawrence Akinwande and Peter Neumann surveyed 82 colonies in Nigerian forests and savannas of varying temperatures and rainfall records, measuring SHB infestation levels. While temperature had no influence over beetle populations, amount of rainfall, and amount of tree cover did. The hives with the highest risk of beetle infestation were in the damp forests.⁽¹⁾ If you happen to be a Sandwich beekeeper, with SHB eating your hives like a sandwich, ask yourself: was it a wet summer? Are my bees in the shade?

In Randy Oliver's "Rules for Successful Beekeeping," he says, "Hives in full sun have fewer problems with varroa, tracheal mite, nosema, chalkbrood, and small hive beetle, and they winter better." But full-sun beekeeping is not for everyone. I know a beekeeper who needs to stay cool. He purchased an ice-vest that he stores in the freezer, putting it on under his bee suit for his frequent work trips to his apiaries. This is also not for everyone. Some beekeepers prefer working in the cooler temperatures of a shady tree line, even though they risk skyrocketing SHB numbers. This risk can be greatly reduced with the use of bottom board

beetle tray traps. These traps are available through most beekeeping supply sources, and either include an entire bottom board, or can be



added to existing bottom boards. Having these traps in place for the entire beekeeping season can work wonders to keep beetles at manageable levels, and sometimes can eliminate beetles entirely. Other approaches are mineral oil traps that fit in between frames, and Swiffer sheets (not my favorite) or used dryer sheets (still not my favorite). Some beekeepers use “ground controls”, such as diatomaceous earth, granulated insecticides which get watered into the ground, or soil drenches like GardStar. I’ve also heard of people applying nematodes to the ground with success. No studies or surveys have proven which of these strategies is most effective, but one factor remains true: there is no better guard against beetles than a strong hive with a solid brood pattern. The fewer holes in the brood pattern, the fewer hiding places a beetle has. High populations of mites, a queen with a poor laying pattern, and brood diseases like European Foulbrood weaken a hive and present the ultimate invitation to SHB infestation. Bad brood patterns should be corrected whenever possible.

Something else to note is that the above listed treatments for inside of hives are mechanical and not chemical. In Illinois,

no chemicals are approved to kill SHB inside hives. Homemade traps with boric acid, roach-bait traps, and other insecticides are prohibited for use in Illinois. Beetles can run in and out of these traps, carrying insecticides on their bodies and tracking these poisons on comb and honey. In Illinois, it’s against the law to put boric acid or other beetle insecticides inside hives. Only chemical products registered with the IEPA and the Illinois Department of Agriculture can legally be used for pest control in hives.



So which weapon should you choose? Start with the obvious – inspect your hive regularly, so you will always be aware of your queen status and pest and disease presence. If you can keep your hive strong, and in full sun, you should be ahead of the game. For extra insurance, add a bottom board beetle tray, or at least inter-frame oil traps, making sure that the oil traps are nested down tightly on the frame bars, eliminating hiding spaces for SHB. The Sandwich phenomenon facing so many beekeepers in Illinois, and in the nation, usually has a cause. Making time for regular late-summer inspections to correct poor brood patterns, and increased beetle management will keep your hive from being the next Honey Melt on Rye.

Ref (1) Akinwande, K. L. & Neumann, P. 2018. Small hive beetle infestation levels

of honey bee colonies correlate with
precipitation and forest cover.

Apidologie, 49:4, pp517-525.

ILLINOIS STATE FAIR HONEY SHOW WINNERS

BEES AND HONEY	<u>First</u>	<u>Second</u>	<u>Third</u>
AMBER CHUNK HONEY	JAMES BELLI WADSWORTH, IL - LAKE COUNTY	LARRY LOVELESS GILLESPIE, IL	
AMBER CHUNK HONEY IN GLASS JARS	FOX VALLEY BEEKEEPERS ASSN ELBURN, IL - KANE COUNTY	LINCOLNLAND BEEKEEPERS ASSN GIRARD, IL - SANGAMON COUNTY	SANGAMON VALLEY BEEKEEPER ASSN DECATUR, IL - MACON COUNTY
AMBER COMB HONEY IN ROUND SECTIONS	LINCOLNLAND BEEKEEPERS ASSN GIRARD, IL - SANGAMON COUNTY	FOX VALLEY BEEKEEPERS ASSN ELBURN, IL - KANE COUNTY	
AMBER EXTRACTED HONEY	JAMES BELLI WADSWORTH, IL - LAKE COUNTY	JEREMY MARGARON MECHANICSBURG, IL	BILL BUDD SPRINGFIELD, IL
ART DESIGNS IN BEESWAX	FOX VALLEY BEEKEEPERS ASSN ELBURN, IL - KANE COUNTY	LINCOLNLAND BEEKEEPERS ASSN GIRARD, IL - SANGAMON COUNTY	
BEEWAX MOLDED IN COMMERCIAL FORMS	ANGELA D. NELSON ELBURN, IL	JAMES BELLI WADSWORTH, IL - LAKE COUNTY	DAVID BRIDGES NEW BERLIN, IL
BEEWAX ART DESIGNS NOT <3 LBS	JAMES BELLI WADSWORTH, IL - LAKE COUNTY	FRED GERBERDING ROCHESTER, IL - SANGAMON COUNTY	WILLIAM BARROWS SPRINGFIELD, IL
BEEWAX CANDLES 1 PR. MOLDED	JAMES BELLI WADSWORTH, IL - LAKE COUNTY	WILLIAM BARROWS SPRINGFIELD, IL	
BEST DISPLAY BOOTH	FOX VALLEY BEEKEEPERS ASSN ELBURN, IL - KANE COUNTY	LINCOLN LAND COMMUNITY COLLEGE SPRINGFIELD, IL - SANGAMON COUNTY	SANGAMON VALLEY BEEKEEPER ASSN DECATUR, IL - MACON COUNTY
CHUNK HONEY IN GLASS	NANCY SWEET CHATHAM, IL	JAMES BELLI WADSWORTH, IL - LAKE COUNTY	SCOTT CARTER MOWEAQUA, IL
COLOR PHOTOGRAPHY	FOX VALLEY BEEKEEPERS ASSN ELBURN, IL - KANE COUNTY	SANGAMON VALLEY BEEKEEPER ASSN DECATUR, IL - MACON COUNTY	LINCOLNLAND BEEKEEPERS ASSN GIRARD, IL - SANGAMON COUNTY
COMB HONEY IN ROUND SECTIONS (3 SECTIONS)	NANCY SWEET CHATHAM, IL	JAMES BELLI WADSWORTH, IL - LAKE COUNTY	
CRYSTALLIZED (OR CREAMED) HONEY	JAMES BELLI WADSWORTH, IL - LAKE COUNTY	JOHN SIMMONS ALTON, IL	FRED GERBERDING ROCHESTER, IL - SANGAMON COUNTY
DARK EXTRACTED HONEY	JAMES BELLI WADSWORTH, IL - LAKE COUNTY	ANGELA D. NELSON ELBURN, IL	BILL BUDD SPRINGFIELD, IL
DISPLAY OF A VARIETY OF ILLINOIS HONEY	LINCOLNLAND BEEKEEPERS ASSN GIRARD, IL - SANGAMON COUNTY	SANGAMON VALLEY BEEKEEPER ASSN DECATUR, IL - MACON COUNTY	FOX VALLEY BEEKEEPERS ASSN ELBURN, IL - KANE COUNTY
DISPLAY OF AMBER CUT-COMB	LINCOLNLAND BEEKEEPERS ASSN GIRARD, IL - SANGAMON COUNTY	FOX VALLEY BEEKEEPERS ASSN ELBURN, IL - KANE COUNTY	
DISPLAY OF AMBER EXTRACTED HONEY	FOX VALLEY BEEKEEPERS ASSN ELBURN, IL - KANE COUNTY	LINCOLNLAND BEEKEEPERS ASSN GIRARD, IL - SANGAMON COUNTY	SANGAMON VALLEY BEEKEEPER ASSN DECATUR, IL - MACON COUNTY
DISPLAY OF BEEWAX MOLDED IN COMMERCIAL SHAPES	FOX VALLEY BEEKEEPERS ASSN ELBURN, IL - KANE COUNTY	LINCOLNLAND BEEKEEPERS ASSN GIRARD, IL - SANGAMON COUNTY	
DISPLAY OF DARK EXTRACTED HONEY	SANGAMON VALLEY BEEKEEPER ASSN DECATUR, IL - MACON COUNTY	LINCOLNLAND BEEKEEPERS ASSN GIRARD, IL - SANGAMON COUNTY	FOX VALLEY BEEKEEPERS ASSN ELBURN, IL - KANE COUNTY
DISPLAY OF DESIGNS IN COMB HONEY AND COMB BUILDING	LINCOLNLAND BEEKEEPERS ASSN GIRARD, IL - SANGAMON COUNTY	FOX VALLEY BEEKEEPERS ASSN ELBURN, IL - KANE COUNTY	
DISPLAY OF LIGHT CUT-COMB HONEY IN PLASTIC BOXES (3)	THOMAS SKELLY CHATHAM, IL	JAMES BELLI WADSWORTH, IL - LAKE COUNTY	PATRICIA NAGEL GIRARD, IL - MACOUPIN COUNTY
DISPLAY OF LIGHT EXTRACTED HONEY	FOX VALLEY BEEKEEPERS ASSN ELBURN, IL - KANE COUNTY	LINCOLNLAND BEEKEEPERS ASSN GIRARD, IL - SANGAMON COUNTY	SANGAMON VALLEY BEEKEEPER ASSN DECATUR, IL - MACON COUNTY
DISPLAY OF WHITE COMB HONEY, NOT LESS THAN 12 SECTIONS	FOX VALLEY BEEKEEPERS ASSN ELBURN, IL - KANE COUNTY	LINCOLNLAND BEEKEEPERS ASSN GIRARD, IL - SANGAMON COUNTY	
DISPLAY OF WHITE CUT-COMB	LINCOLNLAND BEEKEEPERS ASSN GIRARD, IL - SANGAMON COUNTY	FOX VALLEY BEEKEEPERS ASSN ELBURN, IL - KANE COUNTY	
FINELY CRYSTALLIZED (OR CREAMED) HONEY	FOX VALLEY BEEKEEPERS ASSN ELBURN, IL - KANE COUNTY	LINCOLNLAND BEEKEEPERS ASSN GIRARD, IL - SANGAMON COUNTY	

Illinois State Beekeepers Association Bulletin

BEES AND HONEY	<u>First</u>	<u>Second</u>	<u>Third</u>
FRAME OF AMBER HONEY FOR CUT-COMB OR PACKING	FOX VALLEY BEEKEEPERS ASSN ELBURN, IL - KANE COUNTY	LINCOLNLAND BEEKEEPERS ASSN GIRARD, IL - SANGAMON COUNTY	
FRAME OF HONEY FOR CUT-COMB OR PACKING	ANGELA D. NELSON ELBURN, IL	JAMES BELLI WADSWORTH, IL - LAKE COUNTY	NANCY SWEET CHATHAM, IL
FRAME OF HONEY FOR EXTRACTING	FOX VALLEY BEEKEEPERS ASSN ELBURN, IL - KANE COUNTY	LINCOLNLAND BEEKEEPERS ASSN GIRARD, IL - SANGAMON COUNTY	SANGAMON VALLEY BEEKEEPER ASSN DECATUR, IL - MACON COUNTY
FRAME OF WHITE HONEY CUT-COMB OR PACKING	LINCOLNLAND BEEKEEPERS ASSN GIRARD, IL - SANGAMON COUNTY	FOX VALLEY BEEKEEPERS ASSN ELBURN, IL - KANE COUNTY	SANGAMON VALLEY BEEKEEPER ASSN DECATUR, IL - MACON COUNTY
HONEY GIFT PACK	SANGAMON VALLEY BEEKEEPER ASSN DECATUR, IL - MACON COUNTY	LINCOLNLAND BEEKEEPERS ASSN GIRARD, IL - SANGAMON COUNTY	FOX VALLEY BEEKEEPERS ASSN ELBURN, IL - KANE COUNTY
LIGHT CHUNK HONEY	JAMES BELLI WADSWORTH, IL - LAKE COUNTY	THOMAS SKELLY CHATHAM, IL	
LIGHT CHUNK HONEY IN PLASTIC OR GLASS JARS	LINCOLNLAND BEEKEEPERS ASSN GIRARD, IL - SANGAMON COUNTY	FOX VALLEY BEEKEEPERS ASSN ELBURN, IL - KANE COUNTY	SANGAMON VALLEY BEEKEEPER ASSN DECATUR, IL - MACON COUNTY
LIGHT COMB HONEY (3 SECTIONS)	JAMES BELLI WADSWORTH, IL - LAKE COUNTY	NANCY SWEET CHATHAM, IL	ANGELA D. NELSON ELBURN, IL
LIGHT COMB HONEY IN ROUND SECTION	FOX VALLEY BEEKEEPERS ASSN ELBURN, IL - KANE COUNTY	LINCOLNLAND BEEKEEPERS ASSN GIRARD, IL - SANGAMON COUNTY	
LIGHT EXTRACTED HONEY	JAMES BELLI WADSWORTH, IL - LAKE COUNTY	JOHN SIMMONS ALTON, IL	WILLIAM BARROWS SPRINGFIELD, IL
LIGHT OR AMBER CHUNK HONEY	FOX VALLEY BEEKEEPERS ASSN ELBURN, IL - KANE COUNTY	LINCOLNLAND BEEKEEPERS ASSN GIRARD, IL - SANGAMON COUNTY	SANGAMON VALLEY BEEKEEPER ASSN DECATUR, IL - MACON COUNTY
SWEEPSTAKES	FOX VALLEY BEEKEEPERS ASSN ELBURN, IL - KANE COUNTY	LARRY C/O ROTH VIRDEN, IL - MACOUPIN COUNTY	SANGAMON VALLEY BEEKEEPER ASSN DECATUR, IL - MACON COUNTY
SWEEPSTAKES "THE KILLION TROPHY"	JAMES BELLI WADSWORTH, IL - LAKE COUNTY	NANCY SWEET CHATHAM, IL	ANGELA D. NELSON ELBURN, IL





Teaser for “All About the Queen”

One of the funny things about beekeeping is that the queen is the most important inhabitant of the hive, and we learn so little about her as we are beginning beekeeping. For instance, why are some queens fat, and other are skinny? Does it matter? Or, you have a beautiful new queen, she lays a perfect brood pattern, and after just a couple of weeks, the bees start supercedure cells. Why? Should you cut them out or allow them to kill your \$50 queen? For that matter, why does the queen lay eggs in supercedure cells when it means her demise? Have you ever wondered who decides it is time to swarm, the queen, or the workers? There are tricky questions like when to replace the queen, and when replacing her is the wrong thing to do. There are safe, and safer ways to introduce a new queen; you'll learn clues to when one or the other method is needed. We'll discuss these mysteries and many others at the Winter Meeting in just a few weeks. Don't miss it!

TRIPLE CHIP HONEY COOKIES

2ND Place

1 cup butter flavored Crisco
1 cup HONEY
2 large eggs
2 teaspoons vanilla
1¼ cups whole wheat flour
1 cup all-purpose flour
1 tsp baking soda
½ teaspoon salt
1 cup semi-sweet chocolate chips
1 cup peanut butter/milk chocolate chips

Preheat oven to 375°. Line cookie sheet with parchment paper.

Combine flour, soda, and salt in medium bowl and set aside.

Combine Crisco and HONEY in large bowl.

Beat at medium speed until well blended.

Beat in eggs and vanilla.

Stir the flour, soda, and salt into the creamed mixture until well blended. Stir in chips.

Drop teaspoons of dough 2 inches apart onto prepared cookie sheets.

Bake for 8-10 minutes until just set.

Remove from oven and cool on cookie sheet for 2 minutes.

Remove to cooling rack.

Makes about 48 cookies.

Would you like to receive your Bulletin by email?

Contact Steve Petrilli at

spetrilli45@gmail.com

Have Bee News to Report?

Send me an email

mariannehill1213@gmail.com



FSBA Beekeeper Hurricane Rally/Fundraiser

As an organization, FSBA is thoughtful and concerned, about the recent Hurricane and our Beekeepers and friends in the Panhandle. Some are in contact with those that need help, and are able to respond to their immediate needs.

FSBA has created a Go Fund Me specifically to raise funds for the many who will need it. FSBA is happy to devote any time necessary during their Conference to discuss, and work together to do their best to help those in need. Please share the link below, with anyone you can that would support this effort.

<https://www.gofundme.com/fsba-beekeeper-hurricane-relief?teamInvite=pj8hfLhq8CgjhvKSjNLJpi3WtI0RBsQbvNWKcdzt02S95iZWKLI2BgPUtbCMXYbG>

(Go to www.gofundme.com. Click “search” at the top left of the screen. Type FSBA, Enter. It’s the result to the left.)



STUART, FL

FSBA Beekeeper Hurricane Relief

This effort is being organized by Florida State Beekeepers Associati...

CUPCAKES WITH LEMON-HONEY FROSTING

3rd Place

Cupcakes

2³/₄ cups all-purpose flour
¾ teaspoon baking powder
¾ teaspoon baking soda
½ teaspoon salt
½ cup reduced-fat sour cream
¼ cup milk
1 ½ teaspoons grated lemon zest
4 tablespoons lemon juice
¾ cup unsalted butter
¾ cup HONEY
¼ cup sugar
3 large eggs

Lemon-Honey Frosting

1 cup unsalted butter
¼ cup HONEY
1½ tablespoons grated lemon zest
4 cups confectioners' sugar
7-8 teaspoons lemon juice
Few drops yellow food color

Garnish with fondant decoration

Heat oven to 350°. Line 24 muffin cups with paper liners

Whisk flour, baking powder, baking soda, and salt in bowl to blend. Whisk sour cream, milk, lemon zest, and juice in a small bowl until well mixed.

Beat butter, honey, and sugar in large bowl with an electric mixer 2 minutes until light and fluffy.

Beat in eggs, one at a time, until blended.

With mixer on low speed, beat in half the flour mixture, then the sour cream mixture. Beat in remaining flour mixture until just combined.

Spoon about ¼ cup batter into each muffin cup. Bake 18-20 minutes until wooden pick inserted in center comes out clean. Cool 10 minutes; remove cupcakes from pan to wire rack to cool completely.

Beat butter, honey, and lemon zest in large bowl with electric mixer until creamed, about 2 minutes.

On low speed, beat in confectioners' sugar until blended. Beat in lemon juice and a few drops food color until mixture is fluffy and pale yellow.

Spoon into a large zip-top freezer bag, snip off one corner, and pipe onto cupcakes, or just spread frosting onto cupcakes.

Tear off a piece of a Tootsie Roll and roll between the palms of your hands to make a thin string.

Wrap two pieces of string around a yellow Peanut M&M for body of bee. Using a brown food marker, draw two dots for eyes. To make wings, roll out clear spice drop candies and cut out a 1/2-inch circle using a small cookie cutter. Cut circle in half; attach each half by pressing into the front band of Tootsie Roll on the body of the bee.



ILLINOIS STATE BEEKEEPERS ASSOCIATION

**127th ANNUAL FALL MEETING
SATURDAY, NOVEMBER 10, 2018**

- 7:30 AM** **Check-In / Registration**
- 8:30 AM** ***Welcome / Pledge of Allegiance / Opening Remarks***
Introduction and Recognition of Veterans
 Dale Hill, ISBA President
- 8:40 AM** ***Illinois Department of Agriculture***
Dept. of Apiary Inspections Focus on Diseases, Varroa and Small Hive
Beetle problems
 Steve Chard, Supervisor
- 9:40 AM** ***How to tell if your Colony is Queen Right and what to do if it is Queen***
"Wrong"
 Dr. Dewey Caron
- 10:45 AM** ***Break / Visit Vendors***
- 11:05 AM** ***What is the ABF doing for Beekeepers***
 Tim May - President ABF & Commercial Beekeeper
- 11:40 AM** ***What is the ISBA doing for Beekeepers***
 Dr. Dale Hill, President ISBA
- 12:00 PM** **LUNCH / Visit Vendors**
- 1:00 PM** ***All About the Queen***
 Tina Sebestyen, VP Colorado Beekeepers
- 2:00 PM** ***Need a Queen - Keep a Resource Hive***
 Dr. Dewey Caron
- 3:00 PM** **Break / Last Visit with Vendors**
- 3:20 PM** **Queen Rearing**
 Stu Jacobson - Illinois Queen Initiative
- 4:00 PM** **ISBA Nominating Committee Report - Officer Elections**
- 4:20 PM** **Closing Remarks**
- 4:30 PM** **Adjournment**

Be sure to visit our vendors, including
Big T's Honey Bees, BL Plastics,
Dadant, and Leedle Houme Bees

APIARY INSPECTION SUPERVISOR'S REPORT

Steve Chard, Illinois Department of Agriculture

The Department continues to be fortunate to have a full team of Apiary Inspectors that are dedicated to assisting beekeepers. Since January 1, 2018, our Inspectors have conducted 778 apiary inspections with 5,277 colonies inspected. So far, the number of problems found during these inspections has been fairly limited. However, the number of hives containing Small Hive Beetle populations has been higher this year and we believe that the SHB has spread to all Illinois Counties. In addition, European foulbrood has been showing up in new areas and has increased in some areas previously affected. Further, the Department has issued 94 county-to-county moving permits this year. I'll share more inspection findings at your annual meeting in November. Please feel free to contact one of our Inspectors to check your bees. The inspections continue to be free! That's almost unheard of nowadays!

The Department is interested in finding out if beekeepers are having any problems with purchasing antibiotics through the FDA Veterinary Feed Directive process. Please drop us a note about this. We hope your experience has been good.

Fortunately, pollinator habitat (the lack thereof or creating new habitat) is gaining a lot of attention at the local, state and federal levels. One initiative that should be helpful to honey bees is the Illinois Monarch Project. The Project was established to bring together representatives of natural lands, rights-of-way, urban, and agriculture sectors to address the stressors on monarch butterfly habitat, enhance existing habitat on the ground, and plan additional conservation actions for monarch butterfly. Illinois' goal is to add 150,000,000 milkweed stems to create Monarch habitat. There should be good potential for honey bees to benefit from this type of large pollinator habitat project. For more information, visit IDOT's website and type "Illinois Monarch Project" in the search box.

The Department is pleased to again host the ISBA annual fall meeting on Saturday, November 10 in our auditorium. To locate the Department's building at the Illinois State Fairgrounds, enter Gate 11, which is directly west of the State Fairgrounds Main Gate on Sangamon Avenue. As you travel through Gate 11, you will see the Department's red brick building just ahead and to your right. Please park in the large parking lot just west of and across the street from our building. Parking spaces directly in front of the building are limited to handicapped and 1-hour parking. Access to the building is through the main entrance on the west side. Once you enter our building, you will be guided to the auditorium and the respective registration table. As usual, the ISBA has an excellent agenda in store for you. Please attend and actively participate in this important meeting. Look forward to seeing you there!

The ISBA nominating committee has developed a slate of potential officers for the board positions to be elected at our November meeting. These individuals are well-qualified and have agreed to serve in these positions if elected.

The five board positions - President, Vice President, Secretary, Treasurer, and Membership Director - are up for election for a one-year term. In addition, Southern Region Director will be elected to serve a three-year term.

These individuals will be placed in nomination at the November 10 meeting. Other individuals may be placed in nomination or individuals may self-nominate. Any nominated individuals must be present to accept the nomination.

Corky Schnadt - President

I have served on the ISBA board for the last six years as Secretary. During that time, I did the minutes of the board meetings and various projects including working with the vendors for our fall meetings. My biggest accomplishment on the board was getting the Association 501(c)3 status. I researched the necessary steps and worked with the board to get the necessary approval and worked closely at the end with Rose Leedle, our current Treasurer and VP candidate, who compiled all the necessary financial data and worked with the firm we hired for the IRS filing. That work alone saves the ISBA over \$1,000 a year in fees at the State Fair. For the past 4 years, I have also worked closely with Rose on recruiting the vendors for our fall meeting and have been the point person for them on the day of the event.

In addition to serving on the ISBA board, I am the McHenry County Fair Honey Show Superintendent where I am responsible for hiring the honey judge, accepting entries, and explaining the rules and judging process to new entrants. I worked with the McHenry County Fair to expand the amount of show categories to emulate those at the Illinois State Fair. Several years ago, I worked with our judge, Ron Fischer, to open the judging session to the public, so beekeepers and the public could watch the judging and get answers to any questions they had about the process of preparing honey or wax products for a show. It has become an event unto itself.

Before joining the ISBA board, I served as President of Northern Illinois Beekeepers Association for the maximum allowable three consecutive terms. I had previously served NIBA as Vice President. During those years, the NIBA board members and I worked on everything from ordering bees for our members to managing a large budget to pay for our meeting site. We also participated in local events such as the McHenry County Fair and Ag in the Classroom. I worked closely with the Farm Bureau in both Lake and McHenry counties to ensure beekeeping had a presence in the Ag in the Classroom, and I taught many of those sessions myself.

My work and educational background is in organizational planning (including training and development and labor relations), which has been very helpful with my work on

various boards. It has helped me to work within groups, identifying what needs to be done and completing projects both long term and short term by guiding a group effort. I have been a beekeeper for 10 years. I have greatly enjoyed the many friendships I've made through beekeeping, which I know will last a lifetime.

Rose Leedle – Vice president

I wish to be considered for Vice President of Illinois State Beekeepers Association for 2019.

As you all know, I have been the organization's Treasurer for the last 5 years. As I have enjoyed working with fellow board members, it is time to turn over the books to someone else for integrity purposes. In all those years, I have only missed one board meeting due to a family member's health. I would very much like to continue my work with the board as the Vice President.

I am co-owner of Leedle Houme Bees, a bee equipment supply store, which makes me involved in the beekeeping industry on a daily basis. I work with commercial, sideliner, and hobbyist beekeepers. My husband and I manage around 80 hives of bees. I attend every beekeeping educational meeting that I can. I am a member and officer of numerous beekeeping clubs in Illinois, Missouri, and Indiana.

Charity Davis-Woodard - Secretary

I've had a crush on honey bees since 2012 when we acquired our first 2 hives. As with many beginning beekeepers, we lost one colony the first year and began the long climb up the proverbial learning curve of beekeeping. I'm still climbing, having experienced many of the problems a beekeeper can encounter while not doubting for a moment there are many more to come. My husband has moved into the invaluable position of Head Support Person while I do the hands-on management. This year found me struggling to manage nearly 50 colonies in 5 yards; limits were tested. My motto for 2019 will be Quality over Quantity, and I hope to stick to it.

The profound complexity of the honey bee world is an endless source of wonder for most beekeepers. Who doesn't feel transported to another universe when elbow deep in a bee hive? I consider making decisions that will affect the future of a colony to be a profound responsibility, and never take them lightly. Attending lectures, conferences and other educational events has fed my appetite for increased understanding of honey bees and helped me to become, I believe, a better beekeeper.

My formal education in Library and Information Sciences, Spanish Language and Literature, and a Master's degree in Fine Arts have instilled in me an appreciation for communication which I believe will help me to fulfill the responsibilities of Secretary of ISBA, should I be elected.

David H. Nellis - Treasurer

I have been keeping bees for the last nine years. I got started when my wife saw a swarm in our back yard, and if it hadn't been for Scott Martin and Doug Leedle, they would not have survived. Doug became my mentor, and I read a lot of books by different beekeepers. I also took a beginning beekeepers course. I was the treasurer for Southern Illinois Beekeepers Association when it first started. As the years have gone by, I have assisted Doug Leedle in teaching other new beekeepers in his beginning beekeepers course.

I'm retired from IDOC, and I'm a member of Friends of the NRA and Crain Baptist Church. I am 62 years old, married to a wonderful wife Susan, who is also a beekeeper, and have three children with the youngest working bees also

Steve Petrilli – Membership Director

I am a small scale hobbyist beekeeper in Central Illinois. I have been the Membership Director since 2013 when I was selected to fulfill the remainder of the unexpired term of the previous Membership Director who had resigned. In 2015, I was nominated for and subsequently elected to the Membership Director at the Fall 2015 meeting.

Doug Leedle – Southern Region Director

I am interested in the position of Southern District Director. I am currently a member of five different Southern Illinois Beekeeping clubs, Illinois Queen Initiative, one Indiana club, and one Missouri club. I randomly attend other club meetings in Illinois, Kentucky, and Missouri. I am a guest speaker for many of these clubs. Being a co-owner of a beekeeping supply store that also sells packages and nucs of bees, I am in contact daily with new and experience beekeepers. I teach a beekeeping school. Yearly, we hold an open house at which time we open our hives to help educate beekeepers and to help them with questions that may arise.

Currently, I hold an Apprentice and Journeymen Certificate in Beekeeping from the University of Montana Master Beekeeping Program. I attend every Heartland Apiary Society meeting possible and have not missed an Illinois State Beekeepers Meeting since I have joined ISBA.

I feel I would be a good choice for this position due to my contacts with other Southern Illinois Beekeepers and my availability to be contacted with questions. We as beekeepers need to constantly be networking with other beekeepers to stay on top of our game with all the changing challenges of beekeeping we face every day.

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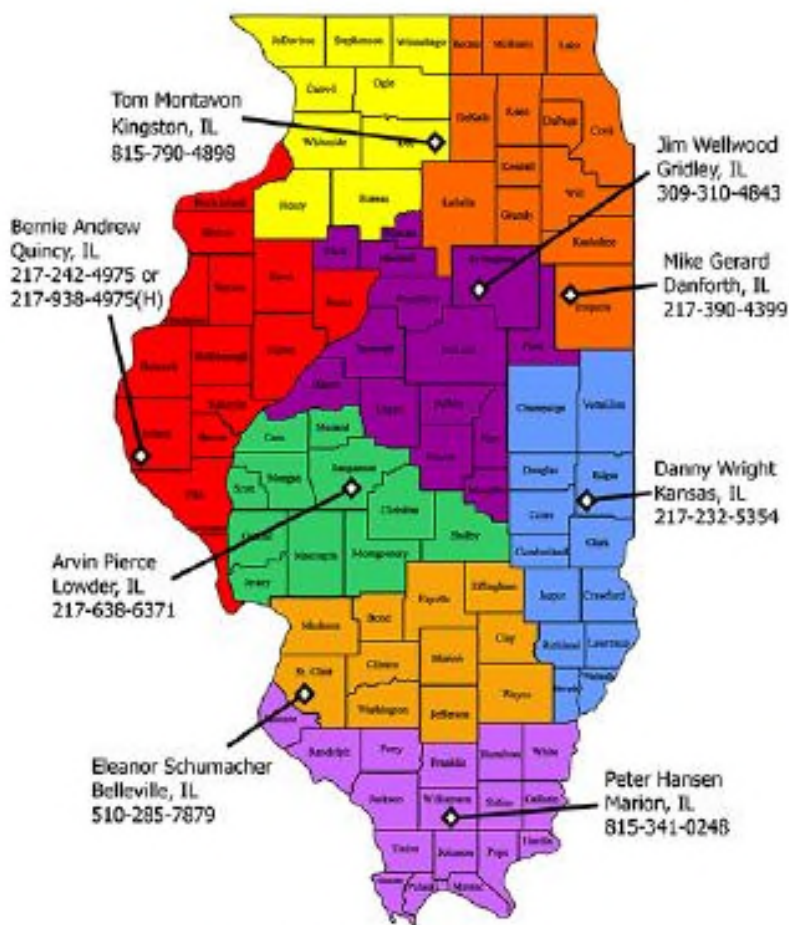
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2018 APIARY INSPECTION DISTRICTS



Illinois Department of Agriculture
Division of Natural Resources



Illinois State Beekeepers Association
P.O. Box 21094
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Membership in the Illinois State Beekeepers Association is open to all persons interested in bees and beekeeping. Beekeepers are urged to join through their local Associations or individually if no local Associations are available. Dues are \$10 for the calendar year January 1 – December 31 only. Dues include a subscription to this newsletter, the ISBA Bulletin.

Make checks for membership payable to: ISBA and mail to: Illinois State Beekeepers Association – Membership, P.O. Box 21094, Springfield, IL 62708

Address Changes: Send old and new address six weeks prior to date of change when practical to the Association Secretary. At large members can email the change to the ISBA Membership Director at spetrilli45@gmail.com.

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