



Since 1948

*Exploring the wonderful world of beekeeping together***The Bee Buzzer***Monthly publication of the***Northeastern Kansas Beekeepers' Association**

VOLUME 68, NUMBER 12

EDITOR: JOLI WINER

DECEMBER 2016

General Meeting**Monday December 19th 2016****7:00 p.m.****Harmony Elementary****Robotics Team Presentation****& Annual Cookie Exchange****& Annual Auction to Benefit the****Youth Scholarship Program****Note: Meeting Room change!****Meeting Hall (that's the name of it)****On the right as you turn into the parking lot-
it's the new building**

This month we'll have our auction to benefit the youth scholarship program. Members are asked to bring items to auction off and money to buy items. Forms of payment that are accepted are cash, check and debit or credit card. You may bring beekeeping equipment and related items to sell. Please note that the robotics team and the cookie exchange/social will be held first with the auction last. Our auctioneer, Ron Stricker from Stricker Auction has a previous engagement (one of his kids has a program) and then he'll be at the meeting between 8 and 8:30-plan for a late evening! The guys might start the auction earlier and then let Ron take over when he gets there!

7th Annual Cookie Exchange: members are asked to bring 12 or more cookies each. If they are made with honey, please bring a recipe and it may be published in the Buzzer. Then for as many cookies as you bring you may take that many cookies home with you. Plates and plastic bags will be provided for you to take your goodies home—or you may bring your own. Extra cookies will be eaten by the membership in attendance, so please bring some extras to share. Beverages will be served

Directions: The address is 2110 Harper St. It is easily accessible from K10, turn north on Harper Street and it is just a few blocks. We are in the

Meeting Hall which will be on your right after you turn into the fairgrounds.

Youth Scholarship

Do you know a young person who might be interested in applying for the youth scholarship – direct them to our website nekba.org to download an application and rules. Applications must be in by December 31st. Mail applications to: Christy Milroy, 23841 W 207th St., Spring Hill KS 66083
Christy.d.milroy@sprint.com

Robotics & Animal Allies

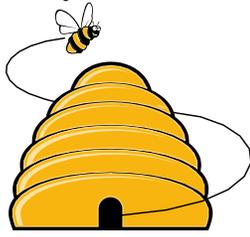
This year many of us have had the opportunity to share our knowledge of bees with middle school students who are part of the robotics programs. These programs are sponsored by Lego but are extra activities at their schools. I'm sure many of you have also had the pleasure. This year's theme is Animal Allies. Many of the students have chosen bees and the problems bees have had as their theme. We are fortunate to have one group presenting at our meeting on Monday. They are so interested in the plight of the bees and our "take" on it. They wanted to know about GMO's, Varroa, Neonicotinoids and more. The last group I went to I suggested that they watch Marla Spivak's TED talk. They wanted to know what they could really do. I said they could "just plant flowers" but make sure to read the labels so that the seeds weren't treated. Of course I was hoping they could develop a beebot that could pick varroa off of bees and crush them and also pick them out of cells or maybe a robot who could follow Cecil around and lift off heavy supers and carry them into the house.

I want to wish all of you a very happy holiday season and a great new year. This year has brought a lot of changes in our lives and I look forward to what next year has in store for us.

I want to specially thank those that have contributed to the Buzzer each month-Becky, Jo, Robin, Andy and of course my sweet Quinby. Joli

Beelines

By President Andy Nowachek



I would like to start off with a Big Thank You to our nominating committee for their choices and the members for supporting our new 2017 officers. I congratulate our new officers. Please join me in congratulating them and if they ask for your assistance for something such as programs or setting up for meetings please be as gracious as you were to me, you truly are a great group.

I have to say that this clubs' effort was well worth it after listening to our last three scholarship students. Our youth of today are the future of tomorrow and listening to all our scholarship students I know this club will see them in the future, maybe as an officer in a bee club or some scientific research on bee health or a hobbyist beekeeper. They did a terrific job in presenting their experiences in beekeeping. Congratulations to all our scholarship students and their mentors, you make this club stand out.

It's here the December Cookie Exchange and the Scholarship Auction of bee related items. Ron Stricker will again be our auctioneer! Last year he just plain rocked. You as members were very generous with your bidding and donations and if you had the chance to see our young scholarship students program you'll realize it went to a good cause. Plus there was some joking around and that is very important to end the year on a happy note. I know there will be either 3 or 4 ice cream coolers at the auction that make excellent solar melters or hot boxes. I know this for a fact because I have one. I'm not sure what else we will have, so bring a truck, trailer or friend along to help carry all those valuable items home. This is also a good time to go through some items that have been sitting around taking up space and donating them to a good cause. All of the proceeds of the items you sell goes to the club; you do not get a commission from any of the sales. We are a nonprofit group and this is a fund raiser for our

program.

Thanks go out to Jim Kellie for his program on Queen Rearing and passing on some of his knowledge on how he raises his queens. I have attended numerous talks and programs that Jim has given and with his experience I have always picked up something useful. Jim was one of our past Kansas Honey Producers Presidents and it is quite evident in listening to him that he has a wealth of knowledge. The one thing that I believe is becoming more critical is the quality of our queens. Like Jim said the more you graft the better chance you will have queens, it's a numbers game -- practice makes perfect.

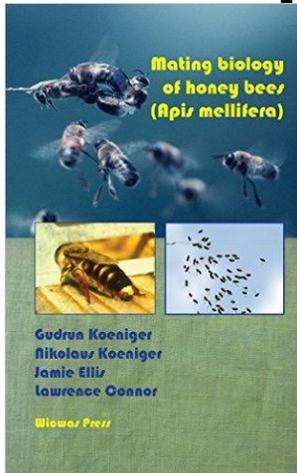
Well it never amazes me what some people will do. I received a call the other day from one of the owners of property where we have bees. One of his employees was mowing and noticed a hive knocked over. Needless to say we went out to see what was left. On the ground next to the hive was a deep body with 6 frames scattered about. Four frames short and this was a two legged animal not four. I guess someone wanted some pure raw honey. Guess I'll end up feeding this one now. Wonder if they will return the empty frames when their done. Remember that perfect location with all those bushes and leaves that hid your hives are gone in the fall and exposed to the public.

This will be my last article as president and I would like to personally Thank You All for the Privilege and Honor to be called President of this Fantastic club. I personally want to Thank Every One of you for being who you are and that is, great people and great beekeepers. When I got into management some 40 years ago I just wasn't sure how working with and learning from people with 40 years' experience and how I being their boss would work out. An engineer I had a lot of respect for told me something I have tried to live by. Treat people as you would want to be treated. You do not need to know everything. You need to be knowledgeable of what you are doing and "surround yourself with smart people and this is what I have tried to do all my life. I have been very lucky to have officers who do just about everything, you as members are there whenever anything is needed. For this I Thank You All again. I have enjoyed each and every one of your adventures in beekeeping and the stories that go with them. My Hodge-Podge articles with Alfred Hitchcock endings will end after three years, so thanks for putting up with them. It's always hard to write everything you intend without writing a book. Besides we have an

excellent library for that.

Remember to keep your hive tool handy and I hope your smoker never goes out. Merry Christmas, Happy Hanukah, Happy New Year and Have a Fantastic Day. Thank you all again for being a Great group of people and making this club what it is.

Books for Beekeepers



Mating biology of honey bees (Apis mellifera),
by Gudrun Koeniger and Nikolaus Koeniger with
Jamie Ellis and Lawrence Connor Wicwas Press
1 edition (December 22, 2014) Hardcover: 155 pages.

Review by Robert Burns

I just finished reading the book on honey bee mating biology. Wow! Although sex is usually a 'hot' topic, I can really appreciate the research and science that has gone into this work. The book has some excellent photographs and charts and diagrams. There's lots of great science here that explains the bee mating biology in simple terms.

I don't believe I have read any other book that is a better culmination of the works on the mating happenstances of our wonderfully under-appreciated honey bees. I have my other queen books *Bee Sex* and *Queen Rearing* and other guides. However, there hasn't been quite any other that is more descriptive, especially of the 3rd caste –Drones. The male bees seem to never get enough attention and respect.

Of course, there's lots of talk about bee sex: polyandry, maturation of drones, maturation of queens, congregation areas where drones and queens meet for mating, sperm storage in the queen as well as mixing and transfer, testes and sperm development in drones, weather, and fortunate timing.

Apparently, the mating of honey bees is mostly getting lucky! Therefore, queens try to fly far away. Drones try to stick closer to home. For success, a queen and drones from the same colony need to try to avoid the possibility of incest. Weather has to cooperate, too. This book explains how far away and where the drones and queens fly, when they fly, and how they do the deed.

I thoroughly enjoyed the explanation of "material transfers in space" making the comparison the drones and a queen to space shuttles and a space ship. It all comes down to why the queen and drones must leave the hive to find each other and mate.

I also much appreciated the larger font size that made it easier on the eyes. Nearly all of the photos were done by the Koenigers, the husband and wife biologist team from northern Germany. There are plenty of graphs and charts and labeled diagrams.

I also enjoyed reading and learning again about drone congregation areas (DCA's). A DCA is a concept of an aerial location marked by geographical features where drones like to gather to fly, do acrobats, and hang out in the air looking for a queen.

Our NEKBA member and supporter, Chip Taylor, is cited several times for his studies in this book, as are many other biologist and beekeeper scientists. On a side note, I was at one of the open-house bee events in the late 80's when NEKBA supporter and member Chip Taylor had hosted on the KU campus.

There is a fair amount of information that you'll get from the book on honey bee genetics. The book could probably use an entire chapter on the subject. I had taken it upon myself earlier this year to learn more about bee genetics, so it's more of a personal interest that I'd like to see more information about the subject. I made a presentation of it just in case. However, genetics is well presented in relation to mating biology in the book, and there were some interesting updated facts that I came across.

There are lots of good facts in this book like that drones fly to nearby areas and queens like to fly far away, also, that a queen takes in more sperm than she will actually retain, using less than 10% of what is possible. You'll need to read the book for more facts.

I don't think you'll find another book quite like this one for your personal library. It's sure to have an impact on your beekeeping practices and understanding of what is happening in your be yard from April to October-when we have drones with us.

Look for this informative book and others in the association library. You can also order directly <http://www.wicwas.com> This will surely be another one of those books that will add to your marvelization about your honey bees, and enlighten you about some of the shenanigans happening in the natural world around you -emanating from your bee yard!

Old Bee Gal By Becky Tipton



Winter solstice is this next week—longest night of the year. Our days are short and although temperature and weather patterns play a role in the activities of the queen/hive, the length of day contributes largely to egg laying and brood rearing. At this time, you may have no brood in your hive or only a very small patch of capped cells (maybe the size of a golf ball). Whenever there is brood present, the bees will cluster over that brood, shiver their flight muscles and generate heat to warm the eggs and larvae. They do not heat the entire interior of the hive, only the area directly above the brood. If our temperatures dip into the sub-zero range, they will still huddle, shiver, and protect. If the bees/the cluster, are able to maintain contact with stored food, they colony will survive. Through trophallaxis, sharing of food, they will not starve. If they run out of food, they will have to choose between covering the brood and breaking cluster to move to a better location within the hive. This single factor is one of the most significant concerns about horizontal hives. Worker bees can creep up, millimeter by millimeter, to stay in contact with stored food. But, once they reach the inner cover, they must break and move laterally to seek additional stores. If our temps are very low, they cannot make this adjustment and the bees starve.

This is also why a candy board is a good emergency feed. Candy boards are placed over the top brood chamber (we make our boards the same size as the brood box). When bees work up to the top cover, they are against the candy board. They respire (breath) and the humidity generated by their breathing softens the candy for their use. The recipe for candy

boards have been printed many times. We use the one from Hive and the Honey Bee by Clarence Collison but omit the cream of tartar (it isn't necessary and isn't beneficial for the bees). If you need a recipe, contact one of us or search on-line.

New brood rearing will begin fairly early in January as the day length increases (again, somewhat weather dependent). The bees will rapidly consume their stored pollen. Our winter bees have more body fat than summer bees and can begin brood rearing with this body fat. If they do not have good pollen resources, a pollen substitute can be added but don't try to stimulate too much growth too early in the year. This is the art part of beekeeping. Look at the weather, the time of year, the stores in the hive, the number of bees and evaluate.....consulting a crystal ball may be helpful.

Steve and I celebrate our 46th wedding anniversary on the winter solstice, too. It made for a snuggly wedding night! Hope all your holiday wishes come true and we all enjoy a honey filled New Year.

Free to Bee Campaign Launches

Wichita, Kan. – Appreciating nature is more than idle buzz at Greteman Group. The Wichita-based marketing agency recently launched Free to Bee, an interactive microsite designed to both entertain and educate visitors. Visitors plant virtual gardens to help bees thrive. They scroll over objects and fun facts pop up. (I mean, did you know that honey bees never sleep and their wings stroke 11,400 times a minute?) "We think visitors will be charmed by the site and have lots of fun with it," says Sonia Greteman, agency president and creative director. "We also hope they leave encouraged to do their part by creating bee-friendly habitats in their yards and communities. The actions are simple, but the effects profound." The site communicates bees' vital role in pollinating flowers, fruit trees and crops. (Bees play a part in almost every bite of food we eat.) Whimsical graphics and playful animation serve to make the time on site fly and learning fun.

To check out the interactive sight go to:
<http://gretemangroup.com/FreeToBee>

**Renew your membership at
Nekba.org or by mail or at the meeting**

2017 Meeting Dates

Meetings are usually held at the Douglas County Fairgrounds at 2110 Harper St. It is easily accessible from K10, turn north on Harper Street and it is just a few blocks. We either meet in Building 21 North or the Meeting Hall or as stated.

- **Monday, January 23, 2017** *Adding Native Plants to your Garden*, Sami Aaron, master naturalist presents. 21N—note 4th Monday
- **Monday, February 20 21N**
- **Bee class Sundays, March 5 & 12** entire Bldg. 21. Dr. Keith Delaplane presents on March 12th
- **Monday, March 20 21 N**
- **Monday, April 17 21N**
- **Monday, May 15 21N**
- **Saturday June 3 Funday-Jennifer Berry & Scott Debnam**
- **Monday June 19 Meeting Hall**
- **Sunday July 16th Picnic Gage Park Shelter House**
- **Monday August 21 21 N**
- **Monday Sept 18 21N**
- **Monday October 16 21 N**
- **Monday November 20 21N**
- **Monday December 18 Meeting Hall**

Do you need help with your hives? Have an experienced master beekeeper come out and help you with your honey bees. I will help with activities such as finding and marking your queens, evaluating your hives to make splits or any beekeeping tasks you need help with. Call or text Kristi Sanderson at 913-768-4961 for pricing and appointments.

Upcoming Events-

Spring meeting of the Kansas Honey Producers Assn. to be held in Topeka on March 10 & 11 2017. The theme is “2nd year Beekeeping and Beyond” Dr. Keith Delaplane presents. It will be held at the Ramada Inn in downtown Topeka

NEKBA 2017 Beekeeping Class March 5 & 12 2017-Dr. Keith Delaplane presents March 12th. Douglas County Fairgrounds Building 21

Saturday, June 3rd 2017 NEKBA Funday-Jennifer Berry-University of Georgia & Scott Debnam -

University of Montana

HONEY POT by Kathie Scott

Reprinted from December 2000

‘If there is a certain candied fruit you do not like you can substitute it for more of the one you do. Keep the measurement exchanges the same. It is your choice as to the juice you want to use.... orange, apple, and pineapple.... I don't think cranberry would work though. So here's a recipe to have fun with!

OLD-FASHIONED 3-POUND FRUIT CAKE

2/3 cups butter or shortening	1 tsp. baking powder
2 eggs	2/3 cup brown sugar
8 oz. red cherries	1 cup white flour
8 oz. pineapple (cut-up)	1 cup whole wheat flour
4oz. green cherries	1/2 tsp. salt
4 oz. diced citron	2 tsp. cinnamon
4 oz diced lemon	1/2 c. honey
4 oz. diced orange	1/2 c. juice
1/2 tsp. nutmeg	
1 cup seeded raisins	
1/ 2 tsp. cloves	1/2 cup pecans
1/2 tsp. baking soda	1/4 cup molasses

With 1/2 cup of the above amount of white flour, dredge the fruit. Sift together the rest of the flour, spices, salt, baking soda and powder.

Cream butter until smooth, then add brown sugar, beating well. Add eggs and mix. Stir together molasses, honey and fruit juice. Then add sifted dry ingredients alternately with liquids beating well after each addition. Fold in the dredged fruit and pecans.

Pour into a 9" loaf or tube pan that has been well greased and lined with wax paper. You may add whole pecans and whole candied cherries to the top for decoration.

Bake at 275 degrees 2 to 3 hours. Put a pan of water in the oven while the cake is baking to add more moisture. When done turn out on a cooling rack. When completely cooled place in an airtight container. Poke holes in fruitcake with a toothpick then pour a mixed combination of honey and juice over fruitcake.

Seal and place in refrigerator. Every two weeks or so until serving, pour the same well-mixed combination of honey and juice over the fruitcake. If you like rum or whiskey solutions then mix these with the honey instead of juice. If you don't want the alcohol content but enjoy the flavor you can add 1/2 to 1 tsp. of rum flavoring to the honey-juice mixture. Depending on your taste this mixture can be as much as 1 cup (half honey--half juice) or as little as 1/2 half cup.

Ask Quinby



I just want to sleep in front of the fireplace and now I have to work!! Both questions this month have to do with small hive beetles. While researching the answers I found several great websites with really up to date information on Small Hive Beetles-I suggest that you look these articles up-I've emailed them to Robert to add to our NEKBA.org website.

1. Managing Small Hive beetles author, Jon Zawislak, University of Arkansas, Division of Agriculture.
https://www.uaex.edu/publications/PDF/FS_A-7075.pdf

Oregon State University Extension-Dr. Dewey Caron helped write this article published in June 2016.

2. **The Small Hive Beetle: A Potential Pest in Honey Bee Colonies in Oregon**
<https://catalog.extension.oregonstate.edu/em9143/viewfile>
3. **MAAREC Small Hive Beetle-Revised 2015**
https://agdev.anr.udel.edu/maarec/.../SMALL_HIVE_BEETLE_FACT_SHEET_1-29

Dear Quinby- I'm feeding my bees pollen patties to get them ready for winter-what do you think?

Quinby Answers: Bees only need the protein of pollen patties when they are raising brood so it isn't necessary to feed pollen patties this time of year. The SHB adults are attracted to the pollen patties and will hide under the patties and eat the protein, thereby enhancing their growth. So really they are better for the small hive beetles-I'm thinking maybe you'd rather not be feeding them.

Dear Quinby-I pulled my supers on October 1st. I noticed a few small hive beetles (SHB), but not excessive amounts. I didn't start extracting the honey until December 3rd - 2 months later. I found live SHB on nearly every frame. What did they eat? How long do they live? What should I do?

Quinby Answers: You are very lucky that you still have honey to extract and that it hasn't been slimed. One of the things we've learned about SHB is that you really need to extract your honey in a timely

manner. SHB larvae produce a slime that will ruin your honey crop and make it unfit for human consumption.

The Small Hive Beetles eat honey, pollen and brood.

SHB can live up to 6 months or more. During the winter they actually live within the cluster of bees.

Quinby (named after Moses Quinby who invented the bee smoker) would like to take this opportunity to invite you to send your stories or questions to him c/o Joli at the address on the back of *The Buzzer* or via email at joli@heartlandhoney.com. She'll let him know of any stories or questions you pass on to her.

Birds in the Beeyard



This recipe was on the Burroughs Audubon FaceBook Page-

Bark butter recipe for Woodpeckers, Nuthatches etc.

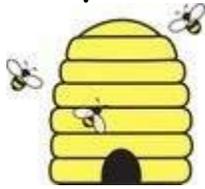
I store in fridge, because of lard. Then soften some in microwave to spread on upside down feeder. Guarantee you will get peckers!

In a big bowl, put in 2 cups of lard, add in with that 2 cups of peanut butter (this can be crunchy, smooth, or creamy) stir that together. Then add (it may help to add ingredients separately, stirring in between so it's not so hard to stir at once) 4 cups cornmeal, 2 cups rolled oats, 2 cups unsalted sunflower seeds (In place of this, I used bird seed.) 1 tsp. of honey. Stir thoroughly. Let it set in room temperature, and spread on tree bark. Put in container and store in room temperature. Tiff White

Tips for December

- 🐝 Heavy snows can block entrances preventing bees from necessary cleansing flights. Brush snow from the entrance of the bee hive.
- 🐝 Make some of your honey into creamed honey—add cinnamon or pecans. YUM!
- 🐝 Decision time: increase, stay the same, decrease—all take planning to be successful. Order woodware for new hives or replacements for your own Christmas gift.

Honey Plants



Jo Patrick

As we enter the holiday season many people will be reflecting over the past year. Lots of folks prefer to look ahead and plan for a better, more productive year. It may be a time for New Year's resolutions but I suggest that solid research should come first. The winter months are ideal for reading so that in the spring you will make decisions that will accomplish your goals.

Perhaps you will take this seasonal pause from your beekeeping chores to plan ways to incorporate more nectar and pollen sources for your honey bees to work. If that is the case, several books come to mind that would be useful reading before spring rolls around. The best available resource for identifying nectar and pollen sources in bloom is Peter Lindtner's *Garden Plants for Honey Bees*. It can be ordered from www.wicwaspress.com and Amazon. NEKBA also has a copy available for check out in the club's library collection. This reference book offers colored pictures of species in bloom that are beneficial to honey bees and other pollinators. Lindtner utilizes a 5 star system for rating the nectar and pollen provided by those species as it pertains to honey bees. Each chapter contains a calendar month and progresses from January thru December. If you determine there is a lack of resources for your apiary at critical times, *Garden Plants for Honey Bees* can help the beekeeper fill the void. As it is somewhat of a generic book written for all gardening zones and climates, further research is essential to know what does well in Northeast Kansas. Cross referencing is necessary as plants are listed in Latin. Just use Google to find the

plant's common name and growing information.

For cuddling up and reading, I suggest *Bringing Nature Home, How You Can Sustain Wildlife with Native Plants* by Douglas W. Tallamy. It may not be a Harlequin romance but it provides a lot of very useful information. Tallamy is a professor and chair of the Department of Entomology and Wildlife Ecology at the University of Delaware. He has authored several books and numerous publications regarding insects and biodiversity. *Bringing Home Nature* is an easy-to-read account of the effects man has had on the insects, amphibians, birds, and small mammals who share our environment. Tallamy offers solutions to counter-act the loss of habitat caused by humans. Humans have sterilized and made much of our environment useless for wildlife. This book will have the reader reevaluating their property and rethinking how they can bring it back to life.

While writing this column, I found a brand new book I will be adding to my Christmas list. *100 Plants to Feed the Bees: Provide a Healthy Habitat to Help Pollinators Thrive* by the Xerces Society. So look for more about this book in a future column.

December Tips

-  Renew your membership to the NE KS Beekeepers Association. Keep "*The Buzzer*" coming. It's a great source of information!
-  Finish those things you procrastinated about earlier this fall: entrance reducers, combining weak colonies, feeding light colonies.
-  Monitor hives for flight on warm days (sunny and above 50 degrees) and check for dead-outs throughout the winter.
-  Keep bricks or rocks on your lids to prevent the wind from blowing them off.
-  Monitor food stores in each hive. Check hives by lifting the back of the hive—are they light? Feed light hives with 2:1 sugar syrup.
-  Plan some honey gift ideas for friends and co-workers.

**NORTHEASTERN KANSAS BEEKEEPERS' ASSOC.
2017 MEMBERSHIP APPLICATION**

You can go online at nekba.org to pay your renewal!

Check one: **Renewal** **New Membership**

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP+4 _____

PHONE _____

Email address _____

(Write clearly please)

County _____

**Yes—please send my Newsletter (The Buzzer) by email.
I understand that it will arrive earlier and will be in color!**

Membership for 2017 Northeastern Kansas Beekeepers \$15.00 _____

Additional family members wanting voting rights \$1.00 per person \$1.00 _____

Additional Family member's names _____

(Only one newsletter will be sent)

Youth Membership (18 years of age or under) 7.50 _____

Membership for Kansas Honey Producers' Assn. \$15.00 _____

American Bee Journal 1 year \$24.00 _____

() Renewal () New 2 years \$45.00 _____

Bee Culture Magazine 1 year \$25.00 _____

() Renewal () New

Youth Scholarship Donation \$ _____

Total \$ _____

Make checks payable to: NEKBA or Northeastern Kansas Beekeepers' Assn.

Mail To: Robert Burns, 7601 W 54th Terr., Shawnee Mission, KS 66202-1129

913-481-3504 Email: rburnshoney@gmail.com

Go online-- at nekba.org to pay your dues

The Honey Pot

By Robin Kolterman

Here we are at the end of another year! If you have been following along with these recipe cards, you now have a full year's worth of cards that can be printed off and put into two mini, 4"x6" photo albums. Add a jar of your very own honey and this will make the perfect Holiday gift! If you have missed a few of the recipe cards, go to www.NEKBA.org click on *Newsletter* at the top to find past newsletters. While you're at the website, go ahead and pay your 2017 membership dues!



December

During the winter, bees will consume about 50 to 60 pounds of honey. When temperatures get above 40 to 45 degrees F, the bees can break their cluster and move to a new area of honey to feed upon.

Holiday Honeycrisp Salad

APPLE CIDER VINAIGRETTE

1/2 cup extra-virgin olive oil
1/4 cup apple cider vinegar
1/4 cup unsweetened apple juice or apple cider
2 to 3 tablespoons honey
1 tablespoon lemon juice
1/2 teaspoon salt
Freshly ground black pepper, to taste
Put all ingredients in a jar with tight fitting lid and shake until mixed.

SALAD

3 medium Honeycrisp apples (about 1 pound), thinly sliced
Juice of 1/2 lemon
12 ounces your choice of salad greens
1 cup pecan halves, toasted or candied
3/4 cup dried cranberries or dried cherries
4 ounces crumbled blue cheese
Place apple slices in large plastic baggie and squeeze fresh lemon juice over them. Close bag and shake to coat. In a large salad bowl, layer salad greens, apple slices, pecans, dried cranberries, and blue cheese. Just before serving, dress with desired amount of Apple Cider Vinaigrette and toss until salad ingredients are evenly coated.



Cinnamon Honey Butter- Gifts in a Jar



- 1 cup Honey
- 1 cup butter, softened
- 1 cup powdered sugar
- 2 tsp cinnamon
- 3 half pint canning jars

Combine all ingredients in bowl. Using whisk attachment on mixer blend until smooth and creamy, scraping down sides of bowl as needed. Use rubber spatula to pour mixture into a large pastry bag or re-closable plastic bag, cut off tip and squeeze into half pint jars. (tip: place bag in tall glass for support, or have someone hold the bag while you pour) **Keep refrigerated.** Serve room temperature.

Honey & Sugar Lip Scrub

- 2 T Bees wax
- 2 T Avocado oil
- 2 T Olive oil (may use lemon or orange infused oil)
- 1 T Unrefined Shea Butter
- 2 T Honey
- ¼ cup ultra-fine Bakers Sugar (or plain white sugar)
- 1 tsp flavoring of choice (if the infused olive oil is not used)



Melt the bees wax and oils in a microwave safe glass measuring cup in the microwave. Use short burst and stir often until bees wax is melted. Add the honey and flavoring if using. Stir well. Add the sugar and stir occasionally until mixture begins to cool and does not separate. Before it completely hardens, spoon into lip butter pots.

To use: spread a small amount on the lips and gently rub to exfoliate. Wipe off excess with a tissue. All is edible.

HEARTLAND HONEY & BEEKEEPING SUPPLIES

We carry a complete line of beekeeping supplies including woodenware, smokers, extractors, books, queens, package bees and containers. We will trade wax for supplies. For your convenience please call in advance –Hours Mon., Tues., Thurs. & Friday 10:30-5:30, closed Wednesday. Joli Winer/Cecil Sweeney, Heartland Honey and Beekeeping Supplies, 19201 S Clare Rd. Spring Hill KS 66083. (913) 856-8356. joli@heartlandhoney.com

FISHER'S BEE SUPPLIES

We carry a complete line of beekeeping supplies. See us for your woodenware, smokers, containers, foundation, beekeeping books, extractors, queens and package bees. We also have extractors for rent. We will trade wax for supplies. Our hours are: 9:00am - 5:00pm Monday - Friday and Saturday after 8:30am. You should call before you come to make sure we are here. ED FISHER 4005 N.E. 132nd Street, Smithville MO 64089 816-532-4698

DRAPER'S SUPER BEE

We offer fast and courteous service to all beekeepers. We sell all the supplies for beekeeping, containers, pollen and honey for those who run short. Order is shipped the same day as received in most cases. Free catalog available on request. Pick up orders at our warehouse must be pre-ordered and picked up by appointment only. Business Hours: Mon.-Thur. 8-5; closed from 12-1.

Brenda and Larry Draper, DRAPER'S SUPER BEE; 914 S St. Auburn NE 68305 PHONE: (402) 274-3725.

THE HAWLEY HONEY COMPANY

For Sale: White Clover honey strained in 5 gallon buckets. We will pack it in your jars for an extra fee. Bee equipment, new and used. Jars, foundation, bears, comb honey, used extractors. Bees: frames of brood. Corn syrup or sugar by the 5 gallon bucket or barrel. *If you need it, we probably have what you want.*

Raymond Cooper, 220 N Elm, Iola KS 66749. Call: 620-365-5956 after 8:00 p.m.

JORDY'S HONEY

We carry a full line of beekeeping supplies. Bee Hives, Supers, Frames, Foundation, Honey Containers, Smokers, Beekeeping Books, Queens, Packaged Bees and much more. Our hours are 8:00 am to 6:00 pm Monday-Friday and weekends by appointment. Please call in advance so we can have your supplies ready when you arrive. R

Robert Hughes, 12333 Wedd Street, Overland Park, KS 66213 PHONE: 913-681-5777

NORTHEASTERN KS BEEKEEPERS' ASSOC. 2017 MEMBERSHIP APPLICATION

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP+4 _____

PHONE _____ Email address _____

I would like to receive the newsletter, *The Buzz*, by email Yes _____ No _____

Membership Northeastern KS Beekeepers per year (July.-Dec. \$7.50) \$15.00 _____

\$15.00 (Jan-Dec)

Additional family members wanting voting rights \$1.00 per person \$1.00 _____

Additional Family member's names _____

(Youth Membership (18 years of age or under) \$7.50 _____

Membership for Kansas Honey Producers Assn. \$15.00 _____

American Bee Journal 1 year \$24.00 _____

Bee Culture Magazine (formerly "Gleanings") 1 year \$25.00 _____

Youth Scholarship Donation _____

Total _____

Make checks payable to: **NEKBA or Northeastern Kansas Beekeepers Assn.**

Mail To: Robert Burns, 7601 W 54th Terr., Shawnee Mission KS 66202 913-481-3504

Email: rburnshoney@gmail.com Or pay online at **NEKBA.ORG**

Northeastern Kansas Beekeepers Association
Robert Burns, Treasurer
7601 W 54th Terr
Shawnee Mission KS 66202

Address Service Requested

Meeting
Monday, December 19th
In the Meeting Hall

The Northeastern Kansas Beekeepers' Association

Membership is open to anyone who is interested in bees or bee culture. Dues are \$15.00 per calendar year (December 31-December 31) for the first in the family joining. Those joining in July or later in the year may pay \$7.50 for ½ year. Additional members of that family wanting voting privileges shall be assessed dues at \$1.00 per year. Youth memberships (18 years of age and younger) are \$7.50 per year. New memberships and renewals should be submitted to the treasurer.

The *Bee Buzzer* is the official publication of the Northeastern Kansas Beekeepers' Association, Inc. and is published monthly. Commercial ads are accepted in the newsletter for a fee, non-commercial ads by paid up members are accepted and are free.

The library of the association is free to all members. Books may be checked out at the meetings and kept for a period of 30 days. The bee publications, *The American Bee Journal* and *Bee Culture* can be subscribed for through the treasurer.

The Association meets each month on the third Monday at 7:00 p.m. except during the months of January and July. A beekeeping class is held in March. This is a nonprofit organization; elected officers serve without pay. Everyone is invited to attend the meeting. Check *The Buzzer* or our website at nekba.org each month for the actual date, time and location. If the weather is bad call an officer to find out if the meeting will be held.

2016 Officers

President: Andy Nowachek, 10921 W 91 st Terr, Shawnee Mission KS awn@everestkc.net	913-438-5397
1st VP: (youth scholarship) Christy Milroy, 23840 W 207, Spring Hill KS 66083 Christy.D.Milroy@sprint.com	913-707-2003
2nd VP (Librarian): Alex Pantos, 2920 Stubbs Rd., Tecumseh KS 66542 MarlenePantos@yahoo.com	785-633-6283
3rd VP (Honey Plants): Jo Patrick, 611 E Sheridan, Olathe KS 66061 brian-patrick@sbcglobal.net	913-645-8947
Secretary:	
Treasurer: Robert Burns, 7601 W 54 th Terr., Shawnee Mission KS 66202 rburnshoney@gmail.com	913-481-3504
Program Chairperson: Becky Tipton, 9491 X Rd., Meriden, KS 66512 bstbees@embarqmail.com	785-484-3710
Editor: Joli Winer, 19201 S. Clare Rd. Spring Hill KS 66083 joli@heartlandhoney.com	913-856-8356
Webmaster: Robert Burns, 7601 W 54 th Terr., Shawnee Mission KS 66202 rburnshoney@gmail.com	913-481-3504

Visit our Website at NEKBA.org