

*Since 1948 Exploring the Wonderful World of Beekeeping Together*

## **The Bee Buzzer**

*Monthly Publication of the*

### **Northeastern Kansas Beekeepers' Association**

VOLUME 74, NUMBER 12

EDITOR: CHERYL BURKHEAD

December 2022

#### **General Meeting**

**Monday, December 12, 2022 (7:00 p.m.)**

**(Zoom ONLY-website for updates)**

*"In the comfort of your own home"*

Download the Zoom App and watch from your computer, smartphone, or tablet

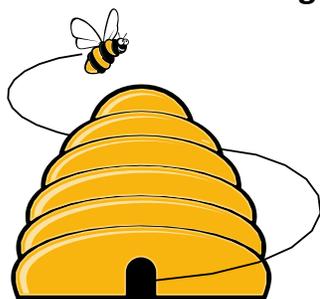
Log in instructions will be posted on the

[www.NEKBA.org](http://www.NEKBA.org) website.

**Main Program: Propolis - Good for Bees AND Humans** presented by Cindy Hodges, EAS & Georgia Master Beekeeper. Cindy owns a small beekeeping operation in Dunwoody, Georgia, with her husband. While working toward her Master Craftsman certification, the program's highest level of expertise, her research focused on resins — called propolis — that bees collect that have immune-strengthening properties against bee diseases. Her work was published as a scientific note in the Journal of Economic Entomology.

#### **Beelines**

**By President Ed Darlington**



This is as close to a rest period as we beekeepers get. Unfortunately, we still need to keep in mind the things we intended to do but didn't

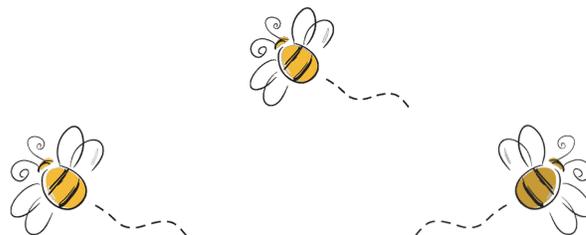
accomplish. The reason this is important is that normally it is our bees that suffer from our actions or lack thereof.

Please use whatever methods you use to make sure your colonies do not run short of food. While it is still early, remember that as we progress toward spring, it is critical that we do not let our bees die of starvation. This should be one of the few events which is under our control.

Results of our November election are as follows:

- Youth Scholarship chair: Dale Spurlin
- Military/Veteran Appr. Liaison: Buck Bradley
- Special Events Coordinator (Class): Kristi Sanderson
- Secretary: Elaine Ellenz

I appreciate all who have volunteered and help with the work of the board and I welcome our new board members.



**2022 Meeting Dates: (Starting Time is 7pm. Dec. & Jan. sessions are virtual via Zoom)**

- December 12, 2022 (Zoom meeting only)
- January 16, 2023 (Zoom meeting only)
- January 28, 2023 Beginning Beekeeping Class (Bldg. 21)
- January 29, 2023 Beginning Beekeeping Class (Bldg. 21)
- February 20, 2023 (Bldg. 21)

- February 25, 2023 Year 2 and Beyond Beekeeping Class (Bldg. 21)



## Beekeeping Classes

### Beginning Beekeeping Class

January 28<sup>th</sup> & 29<sup>th</sup>, 2023

Saturday, Jan. 28<sup>th</sup> -Registration at 8:30 AM and ending at 4:30 PM.

Sunday, Jan. 29<sup>th</sup> -Begins at 1:00 PM and ending at 4:30 PM.

Lunch and snacks provided at breaks on Saturday. Vendor will be present Saturday only.

### Year 2 and Beyond Beekeeping Class

February 25, 2023

Saturday, Feb. 25<sup>th</sup> - Registration at 8:30 AM and ending at 5:00 PM.

1-day class

Lunch and snacks provided at breaks.

Vendor will be present.

\*\*\*Contact Kristi Sanderson with questions, 913-768-4961. Email - [Sandersonk09@gmail.com](mailto:Sandersonk09@gmail.com) [HOME \(nekba.org\)](http://HOME(nekba.org)) for additional information and to register.

#### **SUBSCRIBE TO A MONTHLY BEE MAGAZINE. STAY INFORMED.**

[Bee Culture Magazine \(link\)](#)

[American Bee Journal \(link\)](#)

Use the links to subscribe directly...annual subscription rates under \$5 per month for both! This is fantastic information right at your fingertips.

As part of your beekeeping experience, it's important to be up to date with the trends in bee biology, honey processing, the industry, and much more!



## Ol' Bee Gal

Walking into your backyard and watching your bees zip in and out of their hive is such a rush! Those are idyllic days of summer when the air is full of the aroma of nectar and the true song of the garden, the continuous hum of bees. Reality check, this is December, and we are unlikely to experience anything like this for another 6 months. But NOW is the time to plan.

Is your back yard the best location for your hives? We must consider many factors when choosing a location; forage diversity, pesticide use, land use in the area, to name a few. Has your hobby outgrown your back yard? Are your neighbors looking over the fence and grumbling about bees invading their porch parties? It may be time to consider an out yard.

Out yards are hives maintained away from the residence of the beekeeper. This is a common practice for the reasons mentioned above as well as providing the landowner with pollination of a few fruit trees, garden, and a portion of honey harvest. Steve and I have never had to look for good out yards. We have had someone approach us fairly frequently offering land for our beehives. The landowner usually wants pollination, honey, or a chance to learn the art of beekeeping.

First considerations before you agree to anything, the safety of your bees. Have a frank discussion about bee health with the landowner. Does he understand the limits on all pesticide use? (Round-up and Sevin are as common as salt and pepper to some folks.) Drive the 2-mile circle around the proposed bee site. You should choose locations free of heavy industry, high in diverse plant species, and low in "chem-lawn" home owners. Does "Mosquito Joe" make frequent trips through the neighborhood in summer? Does the landowner practice a controlled burn each year? You'll want to be on site for the event and make sure the smoke isn't driving the bees from their hive (or threatening the wood/wax).

One of our first considerations includes time; the time to drive to and from the site. If it's more than about 30 minutes away, it significantly reduces our ability to check the hives with the frequency they need. You'll lose an hour just driving and gas prices may be down, but it is still expensive. That must be considered in the profit margin. How difficult is it to drive to the hive location? Locked gates, low water crossing, grazing animals all limit accessibility and may limit your ability to care for your bees when needed. How many hives will the landowner allow? We've had conversations and were ready to place hives only to discover that the landowner only wanted 2 hives. Driving any distance to only work 2 hives is not efficient. We consider 10-12 hives about a perfect number, but you may be able to tolerate less. Unless it is a very rich forage environment, more hives may reduce per hive production.

Moving hives is HARD work (and the older I get, the harder it seems). Stands need to be very sturdy. You don't want to worry about hives tipping over on someone else's property. The quality of the hive itself should be good enough not to create an eyesore (joke). After every storm, you'll need to make sure they are in good shape. Every time you visit the out yard, you'll need to come prepared for nearly anything! Nothing is much worse than arriving to work the yard and discovering you've left your: smoker, hive tool, bee feed, ratchet strap, ..... at home and you'll have to return to do the job. Record keeping at each yard can minimize wasted trips for lack of equipment.

Why is the landowner inviting you to his/her property and exactly what do they expect? A recent conversation with someone seeking bees suggested that he should receive 1/3 of the honey & wax harvest! This person also wanted to be taught how to keep bees which would put further demands upon the beekeeper's time and ability to work the bees when convenient. These details need to be part of the early consideration about developing an out yard. If I harvest 60 pounds of honey from my hive and must fork over 20 pounds, that's about \$100 even at bulk rate amounts. If I have 10 hives, \$1000! Our typical rent agreement is 1-2 pounds per hive. We will usually bottle in any configuration the owner wants. This year, we have a new yard and EVERYONE the owner knows is getting a honey bear for Christmas!

If you do not know your landowner very well, this should all be included in a written yard contract. Your hives should be branded or labeled with your name/identification. The exact location and number of the hives should be recorded, document signed, and a copy kept by both the landowner and filed in your beekeeping records. Photos are extremely valuable if trying to file insurance claims. Life is uncertain and discovering misunderstandings about ownership and expectations can turn a great business arrangement into a catastrophe.

**Becky Tipton, Special Events Coordinator**

### ASK QUINBY & REMI



**Dear Quinby & Remi: Is it too late to treat with oxalic acid?**

**Quinby & Remi answer:** It is not too late to treat your hive for varroa mites using the "dribble" method. This method works best when your hives are in a broodless state – which is now! We googled around on the computer for the best directions for oxalic acid recipe for the dribble method. I think that Betterbee had the best and safest directions for how to apply it and what equipment you need. The following is the recipe for different amounts.

<https://www.betterbee.com/instructions-and-resources/how-to-do-an-oxalic-acid-dribble-treatment.asp>

How to Use the Oxalic Acid Dribble Method (betterbee.com)

**From the Betterbee website:**

We've done the math!

To make enough syrup to treat:

	Oxalic Acid (g.)	Hot Water (g. or fl. oz.)	Sugar (g. or cups)
20 Hives	35 grams	600 g. or 24 fl. oz.	600 g. or 3 cups
10 Hives	17.5 grams	300 g. or 12 fl. oz.	300 g. or 1.5 cups
5 Hives	8.75 grams	150 g. or 6 fl. oz.	150 g. or $\frac{3}{4}$ cup

Even if you only need enough for 1 or 2 hives,

Basic Directions: Using a 60-cc syringe (available at a farm store), break the hive apart and tilt the top hive body so that you can dribble between the frames of bees. Dribble 5 ml between each frame and use no more than 50 ml per hive. Try to find a day in the 40°F range while the bees are clustered to do this treatment.

**Dear Quinby and Remi:** What are some suggestions of things I can do this winter to increase my knowledge of bees and beekeeping?

**Quinby and Remi answer:** Take it easy, read a good beekeeping book. Also take the classes, again if necessary. Even if you have already taken the beginning beekeeping class, take it again. It means a lot more the second time around. Make sure to sign up for the Year 2 class, as well.

**Quinby and Remi would love to answer your questions. Contact them my emailing their owner at [heartlandhoneyks@gmail.com](mailto:heartlandhoneyks@gmail.com).**

#### Editor's note:

Historically, the most common method of OA application has been the dribble method but OA vaporization is becoming more common. I like to sublimate with oxalic acid as a November clean-up in place of the dribble method. It's the method that I prefer as its application is easier for me. I work alone and the hive doesn't need to be opened. Follow the same precautions with regard to eye protection and gloves, but make sure to wear an N95 mask or respirator so that you don't inhale OA vapor. Sublimation is highly effective at lower doses. It can be applied multiple times, if necessary, without harming the bees; whereas dribble may only be applied once. One must buy or borrow an applicator. I use a Varrox sublimator and a 12V deep cycle battery on a small dolly. Apply 2

grams (1/2 teaspoon) of oxalic acid for a 2 deep hive body. Dr. Cameron Jack at the University of Florida has conducted some recent studies and is advocating increasing the OA dosage to 2 grams per hive body, or 4 grams per 2 deep hive body. <https://blogs.ifas.ufl.edu/entnemdept/2021/12/09/research-update-determining-the-dose-of-oxalic-acid-applied-via-vaporization-needed-for-the-control-of-the-honey-bee-apis-mellifera-pest-varroa-destructor/>

Perform a trial sublimation outside the hive to determine the amount of time needed to vaporize either 2 or 4 grams so that you don't leave the applicator in longer than needed and risk fire.

Apply OA in the applicator cup and insert the applicator into the hive and block the rest of the entrance with a hand towel or foam strip to seal off the entrance to keep the vapor in the hive. I also tape shut any gaps between boxes etc. I set my timer on my iPhone for 3-3.5 minutes and connect the applicator to the power source. After completed, I pull the applicator and leave the hive sealed up with a towel for another 10 minutes. The Varrox can be dunked in water to cool rapidly and then I wipe it off with a towel and move on to the next hive. I'll do 5 hives in succession and by that time the first hive I treated is ready to have its towel pulled and entrance reducers/mouse guards reapplied.

I've been eyeing several oxalic acid vaporizers on the market that will more quickly deliver the recommended dosage. After all, time is money but I have yet to purchase one and get it under my Christmas tree.



#### Tips for December

- Renew your membership to NEKBA. Keep "The Buzzer" coming. It's a great source of information!
- Make sure that your hives have heavy bricks on them to keep our Kansas winds from blowing them off.

- Monitor food stores in each hive. Check your hives by lifting the back of the hive- are they light?
- Monitor hives for flight on warm days (sunny and above 50 degrees) and check for dead-outs throughout the winter.
- Order woodenware for yourself for Christmas so you can spend the winter putting new equipment together and getting it painted.
- Heavy snows can block entrances preventing bees from necessary cleansing flights. Brush snow from the entrance of the bee hive.
- Plan some honey gift ideas for friends and co-workers.
- Make beeswax candles and ornaments for holiday gifts. Try your hand at soaps, lotions, and lip balms and other value-added products.

## Meet the Beeks

### The Spurlins



While the *Meet the Beek* segment is typically a solitary beekeeper, ours is a family affair. It started in 2015 with our daughter, Elizabeth, taking a beekeeping class with her homeschool co-op and sparking an interest in beekeeping. Our beekeeping adventure started that year with Elizabeth being selected as a recipient for a NEKBA youth scholarship. To encourage Elizabeth, her mother, Dixie, decided to join in with a hive and equipment of her own. That first year, under the guide of Elizabeth’s mentor, Al Abts, they learned a lot about hive management, honey harvesting, and

the great support that the beekeepers of NEKBA have to offer.

The two hives grew to four, which meant more work. It is good that the Spurlin’s rarely do anything alone. The second year, Elizabeth’s dad, Dale, learned to do hive inspections and the heavy lifting. The other family members pitched in as well, helping with moving equipment and supporting hive inspections. But the real work from the family came at honey harvest time. We admire the commercial equipment and rooms of some of the established NEKBA members, but why have fancy mounts and electric extractors when you have a bunch of teenagers in the family? While Dixie and Elizabeth managed uncapping and loading, the rest of the family took turns holding the manual extractor and cranking it in the kitchen! Honey harvesting is a lot of work but there were plenty of laughs and fun mixed in.

Learning beekeeping through NEKBA also meant adding our support to NEKBA. Commonly, you will see the familiar faces of Dixie, Elizabeth, and Dale setting out refreshments during NEKBA meetings, but the other family members have shown their smiling faces and helping hands at various meetings, events, or classes, too. Come say “Hi”!

Experienced but still learning – that’s the Spurlin family. The last seven years have seen good honey crops and lean years as well. Four hives have shrunk to zero and then grown again. We’ve made mistakes and we’ve had successes. Friends and family enjoy the honey from our bees. The neighborhood gardens have benefitted by the bees as well. We’re a family of beekeepers who enjoy giving back to others and to NEKBA the blessings we have received. We look forward to continuing in the years to come.



### Military/Veterans Apprenticeship Program

I would like to thank the 13 veterans who showed up at our November meeting. I truly believe that there could have not been any better

way for me to end my position as chairperson of these men and women then to be able to stand with them. It was truly an honor and a privilege to stand beside each of you. I thank you all for your service.

I also had the privilege and honor of having all of our Military/Veterans who were our past and present recipients along with their mentors all together as a group. This was the first time that all of our recipients got to meet one another and it was truly amazing. Each one has something unique that I can relate to and you all are great people.

In 2018, I had the pleasure of working with Steve Messbarger, Cecil Sweeney and (Al Abts, deceased) in forming this committee and developing the Military /Veterans Apprenticeship Program. I also had the honor and having Gary LaGrange help with this and make sure it filled the requirements we were looking for.

This program could not have succeeded had it not been for the skills of our mentors who spent countless hours instructing and working with our veterans to achieve the knowledge they now possess. Below are the recipients and mentors who have made this possible with the support of all of our great members. It is truly a group effort.

(2018-2019) John Overend -Mentors- Pat Wakeman, (Al Abts, deceased)

(2018-2019) Justin Eller-Mentors- Cecil Sweeney, Joli WIner

(2019-2020) Aaron Locke-Mentor- Steve Messbarger

(2020-2021) Nancy Philney-Mentors- Andy & Wendy Nowachek

(2022-2021) Ryan Smith & Dennis Malone-Mentor- Steve Redlin

Thank you NEKBA and all the fabulous members who have donated the resources with monetary donations, endless hours, and most of all, their support. This will be my last article in this position and I have truly enjoyed every minute of it over the past four years. I have been NEKBA President for two years which was a joy. It was fun meeting and getting to know as many people as possible. I have met many people over the years and have made friendships beyond just bee talk. Serving in two positions is enough and we need new young people to step up, as it should be. When I was working, I used the phrase, “when you look around

and all the old timers are gone, you are the old timer and time for the new to take over”.

I thank you all and have a fantastic day!

**Andy Nowachek, Military/Veteran Appr. Liaison**



## Honey Plants - Often Overlooked and Underutilized

Over the course of a year, you can only regurgitate so many nectar and pollen producing plants that are valued by the European Honey bee. After much research, I have compiled a list of underutilized plants that offer a quality nectar or pollen source that are not mainstream plants well-known to most.

### Woody Plants

- Black Cherry (*Prunus serotina*)
- Box Elder (*Acer negundo*)
- Currants (*Ribes aureum, americanum, odoratum*)
- Ninebark (*Physocarpus opulifolius*)
- Standing Sweet Pea (*Robinia hispida*)
- Wild Plum (*Prunus Americana*)
- Buttonbush (*Cephalanthus occidentalis*)

### Landscape Garden Plants

- Cup Plant (*Silphium perfoliatum*)
- Fireweed (*Chamerion angustifolium*)
- Milkvetch (*Astragalus spp*)
- Mountain Mint (*Pycnanthemum spp*)
- Purple Giant Hyssop (*Agastache scrophulariifolia*)
- Autumn Fire Sedum (Sedum “Autumn Fire”)
- Cowpen Daisy (*Verbesina enceliodes*)
- Culvers Root (*Veronicastrum virginicum*)
- Smartweed (*Polygonum spp*)
- Sneezeweed (*Helenium autumnale*)
- Wingstem (*Verbesina alternifolia*)
- Lance Selfheal (*Prunella vulgaris spp. lanceolata*)

With many of these plants either uncommon or underutilized, I have added the Latin or scientific name. This will allow you to further research each plant to see if it will work for your specific growing conditions in your landscape. Additional research will yield even more insight into these less commonly used plants in your perennial pollinator gardens.

Happy holidays and I wish each and every one a Merry Christmas and a Happy New Year.

**Chad Gilliland, Honey Plants Chairman**



### **Third Thursdays- Extracting More Money from your Hives- Value-Added program**

The Kansas Honey Producers Association- 3rd Thursday, **Extracting More Money from your Hives** is at 7pm CST on Thursday, January 19<sup>th</sup> **Beeswax-Cleaning Beeswax, Dipped Candles and Fire Starters**

If you have never registered for Zoom presentations, go to [www.kansashoneyproducers.org](http://www.kansashoneyproducers.org) to register. Please do not re-register if you have already registered, you will be sent the link. Membership is \$15 per year. You will receive an email before the programs with the link to register. If you registered before or are a NEKBA member or a KHPA member, you will receive the link each month, but you may be asked to register again.

These programs are being recorded and will be available on our <http://www.kansashoneyproducers.org/archives.html> website, under the 'Archives' page.

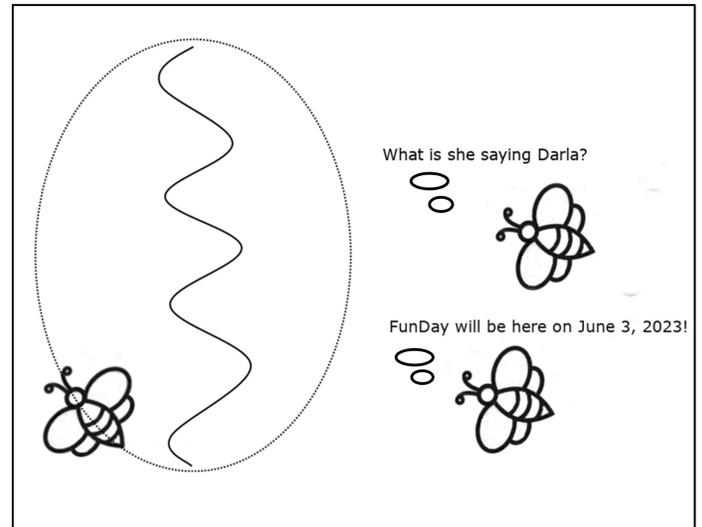
#### **Upcoming Programs:**

**\*Thursday, January 19<sup>th</sup> Beeswax- Cleaning Beeswax, Dipped Candles and Fire Starters**

**\*Thursday, February 16<sup>th</sup> to be determined**

**\*Thursday, March 16<sup>th</sup> Bees and Agritourism**

Success stories from those who have listened to these Zoom talks! Let us know who you are! (Joli 913-593-3562 or [heartlandhoneyks@gmail.com](mailto:heartlandhoneyks@gmail.com).)



#### **Honey Pot**

By Becky Tipton

#### **Ho Ho Holiday Eggnog**

12 large eggs  
 ½ c. sugar  
 2 quarts milk--divided  
 ¾ c. honey  
 ½ tsp. salt  
 2 Tbsp. vanilla  
 2 cups whipping cream  
 1 tsp. Nutmeg—plus a little to garnish. Fresh milled is best  
 In a 4-quart sauce pan, mix eggs, sugar, and salt until blended. Gradually stir in 1 quart of milk and cook over low heat, stirring constantly, until mixture begins to thicken (170 °F DO NOT BOIL). Pour this custard into a large bowl; add vanilla, 1 tsp. nutmeg, remaining milk, and honey. while still warm. Stir to dissolve honey. Cover and refrigerate until chilled (3+ hours).  
 To serve, beat whipping cream until soft peaks form. With a wire whisk, gently fold into the custard mixture. Pour into a punch bowl or mug and sprinkle with ground nutmeg. A little Brandy makes this a lovely sipping nog.

## NORTHEASTERN KS BEEKEEPERS' ASSOC. 2022 MEMBERSHIP APPLICATION

NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP+4 \_\_\_\_\_  
PHONE \_\_\_\_\_ Email Address \_\_\_\_\_  
I would like to receive the newsletter, *The Buzzer*, by email Yes \_\_\_\_\_ No \_\_\_\_\_

Membership Northeastern KS Beekeepers per year (July-Dec. \$7.50)	\$15.00	_____
Additional family members wanting voting rights \$1.00 per person	\$1.00	_____
Additional family member's name _____ (Youth Membership (18 years of age or under)	\$7.50	_____
Membership for Kansas Honey Producers Association	\$15.00	_____
American Bee Journal ( <u>discounted rate through association</u> )	1 year \$27.65	_____
Bee Culture Magazine (or subscribe online at <a href="http://www.BeeCulture.com">www.BeeCulture.com</a> )	1 year \$30.00	_____
Scholarship / Military/Veteran's Appr. Donation		_____
	<b>Total</b>	_____

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

Mail to: Robert Burns, 7601 W 54<sup>th</sup> Terr., Shawnee Mission KS 66202 ph. 913-481-3504, [rburnshoney@gmail.com](mailto:rburnshoney@gmail.com)

You may join, re-new, register, donate and pay online at [www.nekba.org](http://www.nekba.org)

### MENTORING-SWEET PRAIRIE HONEY

Need help with your hives? -Spring inspections, installing packages, making splits, queen evaluation, diagnosis of pests and diseases, mite monitoring and treatment, etc. I can help you with your beekeeping needs! I am a certified master beekeeper with 30 + years of beekeeping experience. I will leave you with a written course of action after our session at your hives. Call or text at 913-768-4961 or email Kristi Sanderson at [sandersonk09@gmail.com](mailto:sandersonk09@gmail.com) for pricing and appointment times.

### BEEKEEPERS.COM

[Beekeepers.com](http://Beekeepers.com) (Jordy's Honey Company) in [Lenexa, KS](http://Lenexa, KS). We are now accepting pre-orders for 3 lbs. packages and 5 frame Nucs. Choose from MN Hygienic, Italian, or Carniolan queens. Queens will be marked for your convenience. Packages and Nucs have been treated for mites so no treatments needed until Fall. 6 pickup dates to choose from in April so get your orders in soon as we sell out each year. [Beekeepers.com](http://Beekeepers.com) is your only local full-service beekeeping store. We carry a full line of Beekeeping Supplies, Protective Clothing, Bottles, Bee Packages, Nucs and Queens. Visit our web site [Beekeepers.com](http://Beekeepers.com) to view our entire line of beekeeping supplies. You can also shop in-person at our store in Lenexa. We ship queens directly to YOU! Order at [QueenBees.com](http://QueenBees.com). Queens available March - October. Our hours are Monday-Friday 9:00-4:00, Saturday 9:00-12:00. You can find our honey at The Overland Park Farmers Market. **Robert Hughes**, 14054 W 107<sup>th</sup> St, Lenexa, KS 66215, 913-681-5777 or email [Info@Beekeepers.com](mailto:Info@Beekeepers.com)

### COTTIN'S HARDWARE & RENTAL

Cottin's stocks a full line of beekeeping equipment year-round including items manufactured by Harvest Lane Honey, Little Giant, and Bug Baffler. Products include hives, supers, frames, foundations, extractors, tools, and protective apparel. We also stock a full line of Home Brewing Mead Making supplies. Located in Lawrence, KS at 1832 Massachusetts Street (South of Dillon's). We are open Monday - Friday 7:30 am - 6:00 pm, Saturday 8:00 am - 5:00 pm, and Sunday 10:00 am - 5:00 pm. You can follow us on Facebook, Instagram and Twitter. Call us at 785-843-2981 or email us at [hardware@sunflower.com](mailto:hardware@sunflower.com)

## CB'S HONEY

CB's Honey is now accepting orders for 5 frame nucs. Queens will be marked upon request. Don't delay as I make a limited number and sell out every year. Order your 2023 Nuc by completing form online at [CB's Honey 2023 Nuc Order Form \(google.com\)](#) or via [CB's Honey | Facebook](#). Pure raw Kansas honey available in 5 gal buckets. Located just SE of Topeka. 4521 SE 61<sup>st</sup> Street, Berryton, KS 66409. Call or text Cheryl Burkhead at 785-224-9077 or email @ [cherylbhoney@gmail.com](mailto:cherylbhoney@gmail.com)

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## CEDAR RIDGE BEES

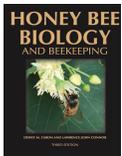
5 Frame Nucs for Sale. We are your local Premier Bee Products Dealer specializing in plastic foundation made entirely in the U.S.A. We sell bucket feeders and other bee equipment. Call or text Philip Knaus at 785-581-4216 or contact us at [cedarridgebeehives@gmail.com](mailto:cedarridgebeehives@gmail.com) - Check out our bees and products at [www.cedarridgebees.com](http://www.cedarridgebees.com) Cedar Ridge Bees 585 N 500 Rd, Overbrook, KS 66524

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## T CREEK BEES AND HONEY – Tecumseh/Berryton, KS

Tecumseh Creek winds its way through the home yard lending its name to the brand. Located between Lawrence and Topeka, T Creek offers 5-frame nucs, online honey sales, custom honey packing, wholesale delivery to the Topeka / Lawrence area, 5-gallon buckets of honey, and drop-shipping wholesale service to rural grocery stores and agritourism destinations. Visit [www.tcreekbees.com](http://www.tcreekbees.com) Email: [tcreekbees@gmail.com](mailto:tcreekbees@gmail.com) or find the bees on Facebook. Order 2023 5-frame nucs by visiting the website and completing the nuc order form. Owner: Tim Urich. LLC in the State of Kansas and licensed by Kansas Dept of Ag.

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**Honey Bee Biology AND BEEKEEPING, Third Edition, Dewey M. Caron and Lawrence John Connor, \$90 postage included.** *This book should stay on the dashboard of every beekeeper's truck. It's that good, and that necessary.* Kim Flottum, *Bee Culture*. This comprehensive textbook easily replaces many beginner books while adding comprehensive details of bee biology essential to becoming a successful beekeeper and student of the honey bee. First released in 1999, *Honey Bee Biology and Beekeeping* is widely accepted as a major textbook of Apiculture (beekeeping). Beekeepers and bee clubs use it to teach other beekeepers. Universities use it to teach college students bee biology and beekeeping. It concentrates on the 'why', 'how' and 'when' of beekeeping. It explains bee and beekeeping basics in a manner meaningful to people who lack an extensive back-ground in biology. Yet it is not oversimplified, and provides a meaningful source of beekeeping information for the informed beekeeper. The Third Edition has been carefully edited, updated and expanded to 480 pages. New chapters have been added, as have colorful new graphics and photographs. The Glossary has also been expanded. **Wicwas Press LLC Kalamazoo, MI 49001 - [www.wicwas.com](http://www.wicwas.com)**

**The Association does not endorse nor evaluate the advertisements, products or services offered in the Buzzer.**

Northeastern Kansas Beekeepers Association  
Robert Burns, Treasurer  
7601 W 54<sup>th</sup> Terr  
Shawnee Mission KS 66202-1129

## Address Service Requested

### Meeting

Monday, December 12, 2022 (Zoom only)

### ***The Northeastern Kansas Beekeepers' Association***

Membership is open to anyone 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. Please submit new memberships and renewals to the treasurer or on-line at [www.nekba.org](http://www.nekba.org).

*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 members are accepted & 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 through the treasurer or on-line. The *American Bee Journal* is offered at a discount through the association only.

The Association meets each month, generally on the third Monday at 7:00 p.m. except during the months of January and July. Beekeeping classes will tentatively be held in January and February for 2022. This is a non-profit organization; elected officers serve without pay. Everyone is invited to attend the meetings. Check *The Bee Buzzer* or website at [www.nekba.org](http://www.nekba.org) each month for the actual date, time and location. If the weather is bad, call an officer or check the website to find out if the meeting will be held or cancelled.

#### **2022 Officers**

President: <b>Ed Darlington</b> , 2804 E 174th St., Belton, MO 64012	<a href="mailto:edarlington49@gmail.com">edarlington49@gmail.com</a>	816-331-4934
1st VP (Program Chair): <b>Matt Brandes</b> , 4741 Highway K 68, Wellsville, KS 66092	<a href="mailto:matthew@n523rv.com">matthew@n523rv.com</a>	913-706-3087
2nd VP (Librarian): <b>Cecil Sweeney</b> , 19201 S Clare Rd, Spring Hill, KS 66083	<a href="mailto:heartlandhoneyks@gmail.com">heartlandhoneyks@gmail.com</a>	913-593-3851
3rd VP (Honey Plants): <b>Chad Gilliland</b> , 23338 Kissinger Rd, Leavenworth, KS 66028	<a href="mailto:nexttonaturefarm@gmail.com">nexttonaturefarm@gmail.com</a>	785-491-1978
Secretary: <b>Elise Everson</b> , 17280 S Agnes St, Gardner, KS 66030	<a href="mailto:ekat003@yahoo.com">ekat003@yahoo.com</a>	913-636-3252
Treasurer: <b>Robert Burns</b> , 7601 W 54 <sup>th</sup> Terr., Shawnee Mission KS 66202	<a href="mailto:rburnshoney@gmail.com">rburnshoney@gmail.com</a>	913-481-3504
Youth Scholarship Chair: <b>Joli Winer</b> , 19201 S. Clare Rd. Spring Hill KS 66083	<a href="mailto:heartlandhoneyks@gmail.com">heartlandhoneyks@gmail.com</a>	913-593-3562
Military/Veteran Appr. Liaison: <b>Andy Nowachek</b> , 10921 W 91 <sup>st</sup> Terr, Shawnee Mission KS	<a href="mailto:awn@everestkc.net">awn@everestkc.net</a>	913-438-5397
Editor: <b>Cheryl Burkhead</b> , 4521 SE 61st St., Berryton, KS 66409	<a href="mailto:cbfritz@aol.com">cbfritz@aol.com</a>	785-224-9077
Special Events Coordinator (Class): <b>Becky Tipton</b> , 9491 X Road, Meriden, KS 66512	<a href="mailto:bstbees@embarqmail.com">bstbees@embarqmail.com</a>	785-484-3710
Special Events Coordinator (Funday): <b>Jay Francis</b> , 6040 NW 52 <sup>nd</sup> St., Topeka, KS 66618	<a href="mailto:jay.m.francis@gmail.com">jay.m.francis@gmail.com</a>	785-608-0726
Webmaster: <b>Robert Burns</b> , 7601 W 54 <sup>th</sup> Terr., Shawnee Mission, KS 66202	<a href="mailto:rburnshoney@gmail.com">rburnshoney@gmail.com</a>	913-481-3504

Visit on-line at [www.nekba.org](http://www.nekba.org). Save time. Join, re-new, or register.