





Since 1948 Exploring the Wonderful World of Beekeeping Together

## The Bee Buzzer

Monthly Publication of the

# Northeastern Kansas Beekeepers' Association

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EDITOR: CHERYL BURKHEAD

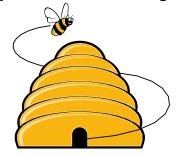
June 2023

# NEKBA 75<sup>th</sup> Anniversary Celebration Sunday, June 25, 2023 (2:00-5:00 p.m.)

At Gieringer's Family Orchard & Berry Farm 39345 W 183rd St, Edgerton, KS

In honor of our 75th Anniversary as a club (and because we cannot meet at the Fairgrounds), our June meeting will be a celebration/social event. Come and join us for an afternoon of cake & ice cream and some fun beekeeping activities for adults and children (prizes!) Bring the whole family. A wagon tour of the farm will be an option later in the afternoon. We hope that you will join us for an afternoon with your beekeeping friends and family. Gieringer's will be open for U-Pick if you arrive before 1:00 pm. There will not be an entry fee but you will need to pay for any fruit that you pickpossibly some blueberries or blackberries will be ready. (When you arrive, please let them know you are with the NEKBA group so they can direct you to the event area.)

# Beelines By President Ed Darlington



One of my concerns over our bees during the past several years has been their frailty. One of the main indicators has been the number of queens we

have had to replace for our youth scholarship program. We have investigated things like the residual affect from pesticides, fungicides, herbicides, and or lack of diversity in the food supply. As beekeepers we need to be more diligent in our investigations. Some, if not all of the clues appear to be buried in the minute details. Do not stop at the first, and perhaps most obvious, potential cause.

So back to my original observation of the difficulties we are experiencing with the hives for our scholarship students. By digging deeper into the subject, we will generally find many potential causes. What other things could be the cause of queen failure? *American Bee Journal* has an article that may offer some additional insight.

In the May 2021 issue starting on page 525 with the title "Queen Supersedure- caused by Queen Pheromone or Brood Pheromone"? This article gave me a potential clue. Our scholarship students rarely are going to have drawn comb which would shorten the time that the colony experiences a brood break condition. According to this article Queen Supersedure can be promoted by the absence or weakness of either of two pheromones, not just one pheromone.

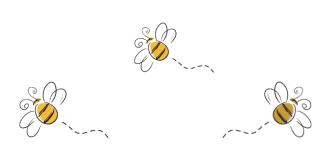
Let us follow a package's time line, say a week in transit, 3 to 7 days of new queen acclimation to the hive, and the time it would take the colony to build comb for the queens to have something to lay eggs in, plus 3 days for the eggs to hatch into larva. This is a fair amount of time for the hive to have an absence of a critical pheromone.

This article spells out that they conducted an experiment with a control group and two test groups. The control group had the highest number of queen supersedure cells, by far. The two test

groups A) frame of open brood and B) the presence of a synthetic BEP pheromone also known as brood pheromone faired with far fewer supersedure cells. Applying some form of logic, one concludes that the longer a hive is without brood, the greater chance that the queen will be replaced; regardless if she is a good queen or not.

This conclusion should trigger some caution to us who believe chemicals are not desirable; and encourage us to try to find other potential solutions for attempting to control varroa infections. A popular conclusion is for the beekeeper to cause a brood break either by isolating the queen or making a split. We may need to consider unintended consequences of our actions.

So, what am I trying to effect? A) those of us helping scholarship and or package installation need to find a source for a frame of brood to be added to the mix. B) if you are trying to treat for varroa mites without using chemicals, recognize that the unintended consequence might come in the form of queen loss.



### 2023 Meeting Dates:

- **NO GENERAL MEETING** on June 19, 2023
- June 19, 2023, 5:30 pm 7:30 pm Open
   Apiary @ Pendleton's Country Market 1446
   E 1850 Rd, Lawrence, KS 66046
- June 24, 2023, 9:00 am 11:00 am Open Apiary @ Pendleton's Country
   Market 1446 E 1850 Rd, Lawrence, KS 66046
- June 25, 2023, 2:00 pm 5:00 pm 75<sup>th</sup> Anniversary Celebration and Picnic, Gieringer's Family Orchard & Berry Farm, 39345 W. 183<sup>rd</sup> St., Edgerton, KS 66021
- July 1, 2023, 9 am-11 am Open Apiary @ Pendleton's Country Market 1446 E 1850 Rd, Lawrence, KS 66046



## **NEKBA Bee Yard and Teaching Apiary**

This month you will have several opportunities to attend an open apiary/mentoring event at our club hives! Our hives were started with a grant from the Great Plains Master Beekeepers group. This year we have 4 hives that we started from packages. It's been fun to watch their progress. Please join us at the hives. The hives are located at Pendleton's Country Market, 1446 E 1850 Rd, Lawrence, KS 66046.

These events are free, but we do ask that you text or call us to let us know that you are coming. For the June 19th open apiary call or text Joli Winer at 913-593-3562. For the Saturday Open Apiary, June 24<sup>th</sup>, call, or text Robert Burns at 913-481-3504. On Saturday, July 1, with Kristi Sanderson, call, or text at 913-768-4961. Please wear long pants and bring your bee suit. We will have a few suits available. We will go through the hives looking for eggs, brood, drones, and queens. We will review lighting a smoker and testing for varroa and we'll answer your questions and talk about what you should be seeing in your hives.

- Monday, June 19<sup>th</sup>, 5:30-7:30 pm
   Hosts: Joli Winer and Cecil Sweeney
- Saturday, June 24th, 9:00-11:00 am Host: Robert Burns
- Saturday, July 1st, 9:00-11:00 am Host: Kristi Sanderson

# Youth Scholarship Quilt Raffle – a winner has received the quilt!

The beautiful quilt that was made and donated by Jenny Latendresse at the Li'l Red Hen Quilt shop in Paola finally has a new home! The proceeds from the raffle ticket sales are earmarked for our Youth Scholarship program. Thanks to your generous donations we raised \$1,140.00. Unfortunately, or fortunately, there could only be one winner. The winner was Denise Malone who was at our FunDay and able to receive the quilt that day. Again, thank you all for your donations.

### **FunDay Swarm & Hive Winner**

The FunDay swarm and hive was won by NEKBA board member Kristi Sanderson. The swarm and hive were donated by Cecil Sweeney and Joli Winer.



My wife and I were driving home from FunDay and reading some of the reviews when it dawned on me that I had not submitted a review. I was so busy thinking about the next thing to do that it completely slipped my mind. As I was thinking about how I would have answered the questionnaire, I kept remembering all the smiles and happy faces that I saw during the event. So many things went well during FunDay with only some minor hiccups. Our speakers were dynamic and exceptional and well organized. I tried to visit all the speakers during the day just to get a sense of their presentations and, of course, to make sure they were up and running. I was always impressed with how professional everyone was.

Comments indicated that lunch was less than optimal with many commenting that their hamburgers were undercooked and late. That is unfortunate and I did not realize that was occurring or I would have said something to the grill. As I mentioned in my opening introductions, we take all comments very seriously so we can create better events for you. Many of the improvements you saw on Saturday were related to comments we saw at FunDay last year. The "presentation types" were developed and implemented based on comments we heard last year where people were not sure what type of presentation they were expecting to see. I had several compliments on this new feature.

There will always be something that somebody didn't like. I attended the swarm demo and just kept thinking how wonderful it was that it was not raining, and that we could actually hold the event. Some commented that it was too hot. On the other hand, the ice cream social continues to be a hit with many scoring it a 10 out of a possible 5.

The silent auction was a big success and rivaled last year's auction! Thank you to all the people that contributed their items. Numbers indicate we received \$2,574.00. These monies are critical to help fund scholarship students and veterans.

I am very appreciative to all that rolled up their sleeves to make FunDay the success it was. Thank you to my committee members that worked throughout the year to make this happen. Thank you to all 206 patrons that attended.

**Jay Francis, Special Events Coordinator** 



Ol' Bee Gal

Please give Jay Francis a HUGE thank you for absolutely one of the very best FunDay's I have ever attended! It was exactly the right mix of science and practical and fun for everyone. If you attended, I am sure you learned much. If you could not attend, mark your calendar NOW for Funday 2024, June 1<sup>st</sup>. I am already looking forward to it (and the planning has begun).

We also kicked off the beginning of our 75<sup>th</sup> birthday celebration—NEKBA has had 75 years of helping Kansas beekeeper's bee better. Join us all this month to celebrate and share some memories of favorite beekeeping adventures. There will be stories to tell.

Tradition or innovation? If it works, don't change it. If you do not try, you will never know. There are two sides of every argument. I want my bees to be "natural." I want my bees to live, might be the two-sided beekeeping argument. I have written words of wisdom from Dr. Jamie Ellis in this column the last several months. This is an argument Jamie mentioned during a couple of his presentations this weekend. Jamie seems to come down firmly on the side of science; we must keep our bees, tend our bees, manage our bees, if we want our bees to thrive and be healthy. Jamie said, as a youngster starting out with bees, he knew that he had to control three things to help his bees thrive: healthy young queens, nutrition, and varroa

mite populations. What has changed in the last 30 years? Nothing! So, from now until we put the bees to bed for winter, we will all be droning on (pun intended) about testing and controlling varroa.

Buck Bradley did a terrific presentation during the FunDay, demonstrating on how to do an alcohol wash. Buck collects samples from his numbered hives, numbers the samples with corresponding identification, and does the actual alcohol wash in his kitchen. Easy-peasy, no fumbling with a lot of equipment and alcohol in the field. Once you have results, you know who needs immediate attention and whose numbers are acceptable. I know that none of us likes to kill bees, but keeping your hive from crashing with varroa, prevents the loss of thousands of bees. If you really do not want to do an alcohol wash, choose a powdered sugar roll. How often? EVERY MONTH. It is easy, painless, and accurate enough to detect a problem with your mite count.

There are many mite treatment options to employ if your sampling numbers are too high. Our favorite resource is

www.honeybeehealthcoalition.org. When to treat, how to treat, what your mite numbers mean at this time of year are all covered and it is a free download. Warning: misuse of any of the mite treatments can lead to queen failure, brood damage, and ultimate colony loss. Failure to treat can and will lead to colony loss. Several guests mentioned controlling varroa as the most important element to successful wintering.

In Jamie's talk about swarming, he described the bees as a superorganism with their focus as a circle: Bees grow the colony to be able to reproduce. Bees store the honey to be able to survive the winter and be able to reproduce. Bees: Grow, survive, reproduce, repeat. So simple, so incredibly complex.

Happy Birthday to us! Hope to see you at the meeting—check the time/date/and location of the party.

**Becky Tipton** 



### **ASK QUINBY & REMI**



Dear Quinby and Remi: This is my first year of beekeeping. I started with a package of bees this spring. They have drawn out two hive bodies. Now I want to make a nuc. How should I do that? Quinby and Remi answer: If this is your first year, you might do well to get these bees built up so that they can make it through the winter. If you were to make a split now, the new bees may not build up enough to survive the winter. Also, as the summer progresses, the bees will cease to build beeswax on your new foundation. So going into winter you would have two weak hives instead of one strong one. It is really hard for a new beekeeper to keep from getting into a numbers game. You have got one hive and you want to get more quickly. Your first year it is best to grow your skills as a beekeeper. Let the number you manage grow as your skills grow.

**Dear Quinby and Remi:** I took the new beekeeper class; I have gotten my bees but I could sure use some practical experience working my hives. I just do not know what I am looking at, I cannot keep my smoker lit, I cannot see eggs, and I haven't seen my queen yet. Where can I go for practical help? Quinby and Remi answer: I am so glad you asked! This club has multiple opportunities for people to work through hives with another experienced beekeeper. We have a new club bee yard to be used for the education of our members. The groups that have shown up have been very small so if you attend one or more of them, you will get personal attention! The people who lead the open apiaries make sure that you can find and identify eggs, larvae, honey, and pollen and brood. They give you tips on lighting your smoker and keeping it lit-plus show you what you need and how much you need to smoke your hive. They will show you how to use your hive tool too! They will also spend time going

through what you should be doing with your hives. They will also sit with you and answer any questions you may have about your own hives. Take advantage of the opportunities to learn, you will not regret it. Several club members offer opportunities to go through hives, too - times and hosts are in the Buzzer, on Facebook, and on the website. Our club bee yard is close to the Douglas County Fairgrounds at Pendleton's Country Market, 1446 E 1850 Rd, Lawrence, KS 66046. It is a great location with restrooms close by! Quinby and Remi would love to answer your

questions. Contact them by emailing their owner at heartlandhoneyks@gmail.com.

### **MENTORING/OPENING APIARIES**

Mentoring at our hives on the 4th Thursday of the month! Meet at the home of Joli and Cecil at 6 pm at 19201 S. Clare Rd., Spring Hill KS. We appreciate a phone call or text to know that people are coming, 913-593-3562. Each time we identify queens, eggs, larvae, light and use a smoker, do a powdered sugar mite check, and talk about what you should be doing with your bees that month. Scheduled dates are June 22, July 27, August 24, September 28. If you have beekeeping clothing, please bring it- but we do have extra suits. Wear long pants and closed-toed shoes please.



## **Tips for June**

- Keep an eye on your honey supers if using foundation. If they are working on at least 6 frames, move the unworked or undrawn out frames with foundation to the center, making sure that your frames are pushed tightly together and add the next super. You do not want to miss a drop of honey that the bees are bringing in.
- If you are lucky enough to have foundation that is drawn out you can put on more than one at a time. Studies have shown that the more room

- you add for the bees to bring in honey-the more they will bring in.
- Provide clean water for your bees.
- Keep the grass mowed in front of your hives-it makes it easier for the bees to land and helps with ventilation. Use grass barriers as needed.
- Keep supers on until the honey is capped, unripe honey will ferment.
- Do not feed sugar syrup during a honey flow as the bees will store the syrup in your supers rather than honey.
- Don't get excited on hot humid days, if the bees are hanging outside the hive. This is called "bearding". They are trying to relieve the congestion in the hive to cool it off inside. Earlier in the year, this is an indication of swarming but this time of year, it is natural, so don't worry.
- Keep up with your record-keeping, so next year you'll know which hives produced the best for vou.

# Plight of the Monarch Butterfly



As beekeepers we are tasked to be good stewards of our honey bee colonies. We diligently care for them throughout the year in the hope of earning back a small portion of the

fruits of all our labor and effort. A beekeeper manages the hive to ensure that the colony has all of its needs met that they cannot provide for themselves; supplemental feeding in the late Winter and early Spring months and varroa mite and hive beetle control measures. We ensure that the colony makes it thru the difficult winter months and has the potential to gear up for Spring.

In the pollinator world, there is another that needs our management efforts. The Monarch butterfly has, for several years, gradually seen a decline in their overall population. We have watched as the ebb and flow of over-wintering butterfly populations have declined one year to then bounce back a bit and ultimately continue to lose momentum.

This past Saturday at the NEKBA Fun Day, Elsa Gallagher with The Bee & Butterfly Habitat Fund shared some disturbing news. She mentioned in her presentation that within 6 weeks, the Monarch

Butterfly will potentially skip the Threatened category and directly land on the Endangered Species list. This was absolutely disturbing news as I have followed the plight of the Monarch very closely for the past 3-4 years. The overall population of Monarch butterflies has decreased by 80% over the last 20 years. I have watched as over-wintering populations in Mexico have continuously dwindled but had some hope back in 2021-early 2022 that populations had made a slight rebound. This is unfortunately not the case. Due to the critical loss of over-wintering habitat in Mexico, the overuse of pesticides, increased parasitic and predation concerns, and the lack of substantial quantities of a Monarch's critically needed host plant (Milkweed), the population continues to decline.

Milkweed is not considered a noxious weed; however, farmers and ranchers work to eradicate milkweed due to its toxicity to grazing cattle, sheep, goats, and other livestock. Pastureland once was a staple for a wide variety of wildflowers like milkweed but to ensure a high quality of forage for grazing livestock, herbicides are spot treated or broadcast over thousands of acres in an effort to remove this weed from the rangeland. With so many thousands of acres lost for critical host plant habitat, the Monarch has limited resources left to rely on.

What can we do as good stewards of our ecosystem? Set aside areas in our pollinator gardens specifically for milkweed. There are four varieties of milkweed that are used most routinely by Monarchs. Swamp milkweed (Asclepias incarnata) and Common Milkweed (A. syriaca) average the highest number of visits by female Monarchs laying eggs. Next, we see Butterfly weed (A. tuberosa) and Swan or Balloon Plant (Asclepias physocarpa) as the second group of 2 varieties that are most commonly utilized by Monarchs seeking out milkweed for egg laying purposes. If at all possible, plant in groupings to maximize your draw potential for encouraging Monarchs to visit your pollinator gardens. It may sound monomial, but if each hobby beekeeper in the United States planted even a 15-20 square foot area to milkweed, we as stewards of our pollinator resources could make a difference that could help even in a little way to turn the tide on the potential

loss of yet another species that we as humans can help avert.

### **Chad Gilliland, Honey Plants Chairman**



### Military/Veterans Apprentice Program

I want to thank everyone for spreading the word about the NEKBA Veteran's Scholarship Program. I have received numerous phone calls and emails over the last several weeks requesting information about the program. Please continue to spread the word. While we are no longer giving scholarships out this season, we are always taking applications for next season and are willing to help out veteran beekeepers in any way we can.

Buck Bradley, Military/Veteran Appr. Liaison

# Fruit and Honey Ice Cream Recipe from the FunDay

For a 6 Quart freezer:

6 cups (1 ½ Quarts) whipping cream

6 cups (1 1/2 Quarts) whole milk

2 ¼ cups Honey

3 Tablespoons pure vanilla extract

1 quart Fruit – masticated with a 1/4 sugar added to make it juicy- you need to end up with a quart of masticated fruit and juice.

Gently heat the whole milk and the honey until the honey mixes in. Let cool. When cool add the mixture to the ice cream maker container, add the vanilla and the whipping cream and fruit. Process according to the manufacturer's instructions.

Fruit options: Peach – I used 1 ½ Tablespoons of vanilla extract and 1 ½ Tablespoons of Almond extract. Any combination of berries.

Editor note: Additional honey ice cream recipes in the June 2022 Buzzer @ <u>NEWSLETTER ARCHIVE</u> (nekba.org) and @http://www.nekba.org/ice-cream-recipes.html.



# 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, June 15, 2023. "Other Unique Ways to Sell or Promote Your Honey Products" – Cheryl Burkhead and Susan Lane present.

If you have never registered for Zoom presentations, please go, and register at <a href="www.kansashoneyproducers.org">www.kansashoneyproducers.org</a>. Please do not reregister if you have already registered, you will be sent the link. KHPA 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.ht ml website, under the 'Archives' page.





Dr. Jamie Ellis discusses swarm biology at the Swarm Demo and lectures on Queen Events in colonies.



(Photo by Amy Cyphers)

Dr. Judy Wu-Smart inspects a frame at the hives.

### NORTHEASTERN KS BEEKEEPERS' ASSOC. 2023 MEMBERSHIP APPLICATION

| NAME   |  |        |                  |  |
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| I would like to receive the  | e newsletter, <i>The Buzzer,</i> by email Ye | es1    | No               |  |
| Membership Northeastern KS Beekeepers per year (July-Dec. \$12.50)                                 |  |        | \$25.00          |  |
| Additional family members wanting voting rights \$1.00 per person                                  |  |        | \$1.00           |  |
| Additional family membe  | r's name                                     |        |                  |  |
| (Youth Membership (18 years of age or under)   |  |        | \$12.50 <u> </u> |  |
| Membership for Kansas Honey Producers Association  |  |        | \$15.00 <u> </u> |  |
| American Bee Journal (discounted rate through association  |  |        | 1 year \$27.65   |  |
| Bee Culture Magazine (or subscribe online at <a href="www.BeeCulture.com">www.BeeCulture.com</a> ) |  | e.com) | 1 year \$32.00   |  |
| Scholarship / Military/Ve  | teran's Appr. Donation                       |        |                  |  |
|  | Total  |        |                  |  |

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, <u>rburnshoney@gmail.com</u> **You may join, re-new, register, donate and pay online at <u>www.nekba.org</u>** 

#### **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 <a href="mailto:sandersonk09@gmail.com">sandersonk09@gmail.com</a> for pricing and appointment times.

#### **BEEKEEPERS.COM**

<u>Beekeepers.com</u> (Jordy's Honey Company) in <u>Lenexa, KS</u>. <u>Beekeepers.com</u> 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 <u>Beekeepers.com</u> 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 <u>QueenBees.com</u>. 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 <u>Info@Beekeepers.com</u>

### **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

#### **CB'S HONEY**

CB's Honey offers pure raw Kansas honey available in 5 gal buckets. Grafted queens and queen cells, and a limited number of nucs/packages each Spring. CB's Honey | Facebook. 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

#### **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 <a href="mailto:cedarridgebeehives@gmail.com">cedarridgebeehives@gmail.com</a> - Check out our bees and products at <a href="https://www.cedarridgebees.com">www.cedarridgebees.com</a> Cedar Ridge Bees 585 N 500 Rd, Overbrook, KS 66524

### 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 <a href="www.tcreekbees.com">www.tcreekbees.com</a> Email: <a href="mailto:tcreekbees@gmail.com">tcreekbees@gmail.com</a> 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.



**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 over-simplified, 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

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**

75<sup>th</sup> Anniversary Celebration Sunday, June 25, 2023 (In Person)

## The Northeastern Kansas Beekeepers' Association

Membership is open to anyone interested in bees or bee culture. Dues are \$25.00 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 \$12.50 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 \$12.50 per year. Please submit new memberships and renewals to the treasurer or on-line at <a href="https://www.nekba.org">www.nekba.org</a>.

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 2023. 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 <a href="www.nekba.org">www.nekba.org</a> 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.

### 2023 Officers

| 816-331-4934  |  |  |  |  |
|---|--|--|--|--|
| 913-706-3087  |  |  |  |  |
| 913-593-3851  |  |  |  |  |
| 785-491-1978  |  |  |  |  |
| 913-515-1607  |  |  |  |  |
| 913-481-3504  |  |  |  |  |
| 913-775-0997  |  |  |  |  |
| 785-248-1005  |  |  |  |  |
| 785-224-9077  |  |  |  |  |
| Special Events Coordinator (Class): Kristi Sanderson, 1252 E Frontier Ln., Olathe, KS 66062 sandersonk09@gmail.com                    |  |  |  |  |
| 913-768-4961  |  |  |  |  |
| Special Events Coordinator (Funday): Jay Francis, 6040 NW 52 <sup>nd</sup> St., Topeka, KS 66618 jay.m.francis@gmail.com 785-608-0726 |  |  |  |  |
| 913-481-3504  |  |  |  |  |
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