



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: JOLI WINER

JANUARY 2018

General Meeting**Monday January 22nd 2018****7:00 p.m.****Youth Scholarship Presentations:****Hudson Murray & Annabelle Davis****And*****Native Plantings for Pollinators*****Courtney Masterson****Douglas County Fairgrounds Bldg. 21N****2110 Harper St, Lawrence KS**

This month begins the presentations of our youth scholarship students. These are always so enjoyable. There will be two this month and 3 next month!

Chad has lined up another great program this month—The amazing Courtney Masterson will be presenting about ***Native Plants for Pollinators***. She is an Ecologist and Assistant Researcher at Kansas University.

The native plants of Kansas support hundreds, if not thousands, of pollinator species. Many plants and pollinators form unique, mutualistic relationships. This talk explains the value of native plants to pollinator populations, highlights some specific relationships, and relates the partnership between native plants and honey bees.

Directions: The address is 2110 Harper St. It is easily accessible from 23rd Street, turn north on Harper Street and it is just a few blocks. We are in Building 21 North which will be on your left you turn into the fairgrounds.

**Youth Scholarship Application Period
Extended to February 15th**

The board has decided to extend the period that people can apply for the youth scholarship to February 15th. Information is available on the NEKBA.org website. From the home page if you click on ABOUT and choose SCHOLARSHIP all of the information is there.

**Beekeeping Class Information Available
Sunday's March 4th and 11th 2018**

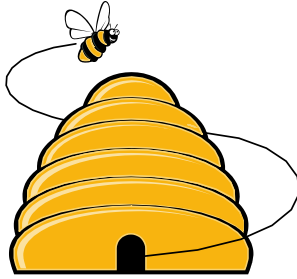
The information for the new beekeeping class is available online at NEKBA.org and in this Buzzer. We are asking for your help in promoting it! Becky has made up some flyers that we are It is geared for beginners but in our experience, those that take it a second (or third or fourth) time also benefit. This year we have redesigned the class so that it flows a little better. The first year it is important to take our class but taking it again helps to pull it all together for you. It can really be a great boost to your education. Also, the 2nd weekend our guest speaker is Dr. Dewey Caron, author of the text book we will be using, ***Honey Bee Biology and Beekeeping***. Dewey is retired from the University of Delaware extension and he is such a fine teacher. You will thoroughly enjoy his presentations.

Membership Renewal

Club membership runs from January to January so now is the time for members to renew their membership. You can either fill out the membership form from our website NEKBA.org or join online or fill out the membership form in this Buzzer and either send it Robert Burns or bring it to the meeting. Consider taking the 2 magazines too—American Bee Journal and Bee Culture.

Beelines

By President Steve Messbarger



Merry Christmas and Happy New Year to all. Hope your holidays were fun and exciting. Speaking of exciting, how about this long spell of freezing cold weather? I can't remember the last time we had this or maybe I don't want to remember. I took my daughter out with me a few days before Christmas, and checked on all our hives to see how their food was holding up. We fed fondant to those that needed it. I just went back out on the 7th to re-check and feed more fondant. I think this year I will pull my supers a little earlier this season so they have more time to build their stores up.

It's a good idea to do a quick inspection of your hives at this time of year to make sure they are doing all right, and to see how heavy they are - (the heft test). Some of mine were light and others were ok.

We finished our first board meeting of the year, this month. We had a great meeting and everyone is working together to make it a great 2018 for Nebka.

Our first big event this year is the Beginner's Beekeeper Class. We have a great speaker coming in - Dewey Caron. You won't want to miss this. Remember, it is not just for first time beekeepers. So, sign up for the class. I always learn more information every time I go. A couple other things -
If you know any young adult wanting to be a beekeeper, have them hurry up and apply for the Youth Scholarship. There is still time left to do so-we've extended it to February 15th.

And how about our Fun Days in June? What a line-up of speakers! Wow, what a program! I might be a little biased, but I think that we put on a GREAT show. So please get signed up for that as well. Also, we always need a lot of volunteers to help out with all of these functions. Your help is greatly appreciated. More exciting news, we will be announcing the 2017 Beekeeper of the Year Award at our January meeting.

Well as you can tell, I'm not a writer or a public speaker, so I'm bowing out, but I sure hope to see everyone at the meeting.

As Always, Bees First!

2018 Meeting Dates

Meetings are held at the Douglas County Fairgrounds at 2110 Harper St. It is easily accessible from 23rd Street, turn north on Harper Street and it is just a few blocks. We are in Building 21 North which will be on your left you turn into the fairgrounds. Unless otherwise stated.

- Monday, February 19th, 2018 7 pm
- Sundays March 4th and 11th 2018 Beginning Beekeeping Class-Dr. Dewey Caron, guest on the 11th
- Monday, March 19th, 2018, 7 pm
- Monday, April 16th, 2018, 7 pm
- Monday, May 21st, 2018, 7 pm
- Saturday, June 2nd, 2018 Funday Guests include: Dr. Mark Winston, Dr. Jose Vila, Dr. Gard Otis, Dr. David Roubik and of course Dr. Chip Taylor-whom we are honoring for his years of service to the beekeeping industry. These are all of his doctoral students.
- Monday, June 18, 2018 (Flory Meeting Hall) 7 pm
- Monday, July 16th, 2018, 7 pm
- Monday, August 20th, 2018, 7 pm
- Monday, September 17th, 2018, 7 pm
- Monday, October 15th, 2018, 7 pm
- Monday, November 19th, 2018, 7 pm
- Monday, December 17th, 2018 (Flory Meeting Hall) 7 pm

Buzzing Around the Kitchen NEKBA Cookbook Fundraiser



Invitation to Contribute to YOUR Cookbook

Are you ready to share your honey recipes? Want to add to our growing numbers of delicious recipes? It's easy!

Go to Typensave.com

Click log in. User name is NEKBA, password is pudding912

Click submit

Click add recipe

Choose your category

Type in your recipe, be sure to add your name

Add your city and state in the blank for Additional Contributor

Click on Preview, check for errors

Click save. You're done!

Please use these abbreviations in your recipe:

| | |
|----------------------------|-----------------|
| c. – cup | env. – envelope |
| qt. – quart | pt. – pint |
| pkg. – package | lg. - large |
| tsp. – teaspoon | oz. – ounce |
| med. – medium | T. – tablespoon |
| gal. – gallon | sm. – small |
| lb. – pound | opt. – optional |
| ctn. – carton or container | |
| doz. – dozen | reg. – regular |

We expect to bring in a large amount of money for the scholarship fund for NEKBA, but we can't do it without your help. Our deadline for entering recipes is April 1, but please don't wait too long before entering yours!

If you prefer to email me your recipes, my email address is marlenepantos@yahoo.com. I will be glad to enter your recipes! Or hand them to me at the next NEKBA meeting!

Don't limit yourself to just one! We would like to have at least 5 recipes per person! Go for it!

Tips for January

- Begin your recordkeeping for 2018; calendars are already ½ price so get one that you can write on. Vow to keep track of when different plants bloom in your area, if you fed, how your bees did, if you replaced any equipment etc.
- Check a beekeeping book out of the library—bring back any books that you have checked out
- Build or repair any equipment
- Renew your membership, send in your dues—you can do it online now by going to nekba.org
- Order your queens and package bees as soon as possible
- Check the lids on your hives; make sure they have a heavy rock or a cement block on top. We have had some fierce winds this winter.
- Plan next year's garden to include some nectar producing plants that have not been treated with neonicotinoids.
- Review your successes and challenges from last year
- Remove dead-outs and clean or store any equipment
- Attend bee meetings and beekeeping classes—bring a friend with you to get them started this year!
- Check food stores in your hives
- Now I do not suggest this—but Cecil has been sitting in the living room putting together supers and hive bodies and painting them—in the living room in front of the nice warm fireplace!
- Plan to attend the Kansas Honey Producers Meeting in McPherson on Friday and Saturday March 9th and 10th 2018. Details in this **Buzzer**. Our special guests are Dr. **Dewey Caron and Randy Oliver**. Randy writes for American Bee Journal and is doing research on oxalic acid in a gel form.

Show Me the Honey

Becky Tipton

**Q--Is where I place my hive important? A—
Critical.**

Now, more than ever, placement of your beehives will impact your hive's success or failure. Not only does the location of the hive provide access to the resources the hive will need for survival, location can also impact the health of the bees themselves.

Rural beekeepers, once thought to have the safest and most optimal location for beekeeping, have met with some harsh obstacles in recent years. No-till farming, instead of providing less exposure to pesticides, actually increases our bees toxic risk. The seeds are coated with systemic pesticides. Herbicides are applied fence post to fence post leaving few flowering native plants for bee forage. The result is that nearly any cultivated crop area should be avoided by the beekeeper! Even crops needing honey bee pollination are often sprayed with a toxic soup of fungicide laced preventatives that will disrupt the functions of the hive. Many of these products may not kill the hive out-right but create a "fail to thrive" situation that leaves beekeepers scratching their head about why a hive didn't produce.

Cities are reconsidering the advantages of allowing managed hives within their limits. All cities have some green-space and both the bees and the humans can benefit from having bees close at hand. Bees are masters at finding empty cavities in which they can take up residence; eave spaces, uninsulated walls, garage roof peaks are all favored and, of course, hollow, old growth trees. So, bees (unmanaged) have resided in our cities since we've had cities. The bees forage on ornamentals, family gardens, parks, and lawns. They can be quite successful but can also become victims to pesticide use or struggle in areas where dandelion free lawns are preferred.

Suburban beekeepers may now have the most advantageous foraging opportunity. Areas that

adjoin less managed property, Corps of Engineers managed land, pasture, lakes, streams, etc. provide both forage and often water access, too. Row crop (soy and corn) are unlikely to be close at hand and ornamentals, larger gardens, and clover can be abundant. Avoiding areas where vast grass-only lawns (Chemical lawn company maintenance) is preferred.

Location of your beehives can also help control pests and predators. Hives placed in full sun are less likely to have serious problems with small hive beetle. This may be, in part, because the beetles need softer soil in which to pupate and the hot sun makes that more difficult. Varroa mite numbers can also be lower in hives in full sun. Exposure to morning sun is important to "wake-up" the bees and shady hives are less productive and less active in cooler early mornings. Weather may make one location superior to another even in your yard. Does this area hold standing water in early spring? Again, that may contribute to increased small hive beetle populations.

Can you move an established hive? Yes! But, there are important considerations. Since bees are not flying during these frigid cold days, it might seem like the perfect time to relocate that hive that's too shady. It's actually **too cold** to move them right now! When temperatures are below 55°F, the bees cluster to preserve heat. As temps drop, they cluster tighter and move even less. If the hive is disturbed by a predator or through movement, the cluster may break apart and if the temps remain cold, the bees will be unable to regroup. The queen and any small amount of brood present in the hive may be exposed to the extreme cold and the whole colony may perish.

So, consider carefully where you'd like to move your colony and set up the receiving hive stand. When temperatures are likely to be above 55°F for a good portion of the day, move the hive to the new location. If the new location is just a few feet from the old hive location, it's a good idea to secure the entrance for about 3 days in the new place. Bees will then emerge on the next flying day

and do new orientation flights. Moving bees less than 2 miles during active foraging is very confusing for them and many bees will return to the original hive location.

So, setting up new hives; consider your hive location options carefully. Don't like your current hive location? Moving is not only possible, choosing the very best location for your hive can impact the quality and quantity of your honey harvest and even your hive health.

Honey Plants



Jo Patrick

In this upcoming year, I would like to move forward and discuss a new approach to monitoring nectar and pollen sources. When I say new, I mean new to me and this column. Perhaps you are familiar with the term Growing Degree Days (GDD). I came across this terminology last year in my reading. Agriculturists have been using this method of tracking change in phenological status such as budburst in plants or egg hatching in insects. The GDD calculation allows producers to assess crop development and predict the plants' pace toward maturity. A measure of heat accumulation is used to predict plant and pest development rates. In terms of pest control, it can indicate an optimal time to apply organic, biological or other forms of pest control when pests are the most vulnerable.

Unless stressed by other environmental factors like moisture, the development rate from emergence to maturity for many plants depends upon the daily air temperature. Because many developmental events of plants and insects depend on the accumulation of specific quantities of heat, it is possible to predict when these events should occur during a growing season regardless of differences in temperatures from year to year. I have observed, through my standard form of calendar style record keeping, bloom data

fluctuates from year to year. Looking back, I can see the bloom time of some key producers of pollen and nectar can vary as much as two weeks. According to my records, I found that in 2015 maples began blooming around March 9th as compared to 2016, when I observed maples beginning to bloom on February 20th. That's a difference of about 1 ½ weeks. Henbit and dandelions began blooming the last week of March, 2015 but in 2016 I observed blooms around March 7th. If the beekeeper were only to follow my records, he could completely miss an opportunity to capitalize on a crop such as apple bloom. Quoting Kim Flottum in *The Backyard Beekeeper's Honey Handbook*, "Good records serve a beekeeper well, but only up to a point. The calendar method of bloom prediction has the advantage in that it's easy, but the disadvantage of being only moderately accurate." Available sources, such as the USDA, can provide databases that will give growing degree days for each crop. Establishing records of your own, over a period of several years will be an excellent source of information in the future, especially for sources that are not classed as an agricultural crop. My goal, for 2018, is to implement the Growing Degree Days calculation method into my own record keeping.

So, where do we begin to start our own GDD database?

In Flottum's book the process is explained. I extracted key elements from his explanation of GDD and they are as follows:

1. Plants won't grow if the ambient temperature is above 86°F or the low temperature for the day is below 50° F. These two extremes must be noted in all calculations.
2. Using various resources or media, such as weather reports or weather websites, find the high temperature for the day, add it to the low temperature for the day, and calculate the average by dividing by two. Subtract that number from the base temperature you are using which is 50°F.

- The mathematical equation for determining growing degree days is as follows:

$$GDD = \frac{\text{Max. Temp} + \text{Min. Temp.}}{2} - \text{Base Temp}$$

If the high temperature for the day was 84°F and the low was 60°F calculations would be:

$$GDD = \frac{84 + 60}{2} - 50$$

72 - 50 = 22 Growing Degree Days

- Remembering the extremes, adjust your calculations accordingly. If the high for the day was 90°F., the low 40°F., the calculation should go like this:

$$\frac{86 \text{ (replacing the 90)} + 50 \text{ (replacing the 40)}}{2} - 50 = 65 - 50 = 15 \text{ GDD}$$

- When should calculations begin each season? Flottom recommends a few days before the last frost date in your area. According to www.plantmaps.com, the last frost date for the Topeka area is May 15th to May 20th. The Johnson County area is usually frost-free beginning May 1st to May 10th. Local county extension offices will have those dates available. I will note that in 2017, in my area, apples were in full bloom the first of April.
- This is how this information correlates. When did the maples start to bloom? When the local GDD reached a certain point. Maples will bloom at that point every year no matter if it's raining, sunny, sleeting, or what the calendar says.

If the beekeeper knows which key honey plants are in their area, they can start building a database focusing on those plants. There is not much information available on specific honey and nectar plants. That's why it's important to begin collecting your own data

based upon where your bees forage. In your records, you will want to note your own observations day by day and include GDD. A convenient website that does the calculating for you and will give you the current Growing Degree Days for our area is <http://www.kansasethanol.net/index.cfm?show=1&mapID=35>. As of 1/12/18, the map indicates our GDD is 7.

We will cover nectar and pollen sources as the calendar year progresses. The first to start blooming will be the silver maples and willows in mid-February. Should our honey bees be able to fly, they will find much sought-after pollen as well as nectar for feeding the early spring brood. Watch for greenish colored pollen from silver maples being brought in by the bees. Yellow pollen indicates willow sources. An exact GDD for silver maples and willows is not available. I hope to collect my own data on these for my records.



Maple Blossom



Willow Blossom

Ask Quinby



A few days ago, Quinby got a new 1-year old brother-another Brittany Spaniel named Remi. We might change his name if we can think of a good bee name. The first hour that we had him he ate my computer cord and the next day he took Cecil's binoculars outside, through the doggie door, and ate the eye pieces!! Little Remi has made Quinby look like an angel!

Dear Quinby-My hive died what should I do with the equipment until I can get more bees in it this spring? I got this information from ***Honey Bee Biology and Beekeeping*** by Dr. Dewey Caron. Dewey will be our guest speaker on March 11th (the second week of our beekeeping class).

Examine the colonies that died and try to determine why they did not survive. Did they starve? Were they diseased? Was the population too small?

If the honey stores are gone and bees died while clustered then they may have starved. Though honey stores may have been robbed before you looked in the colony. The telltale sign of a robbed-out colony is torn wax cappings on former honey frames. If there are honey stores with a small dead cluster, the loss was probably due to too small a population.

Close dead colonies and make them bee tight or better yet, remove the equipment to a storage area so bees cannot rob remaining stores. Drawn comb is a valuable asset as long as it is not diseased. Frames of honey (not diseased) can be used in your other colonies if needed or can be used in new spring colonies.

On a nice day you can take the hive out side and clean off the bottom board and brush and shake out any dead bees.

Dear Quinby: What exactly should I do if I want to

do a hive inspection this time of year?

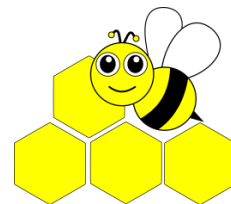
Quinby Answers: If and only if it is warm enough for the bees to be flying should you open the hive for an inspection. Keep the inspection brief. Do not remove brood frames but you can check your honey stores and move empty frames to the outside and move frames with honey closer to the brood.

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.

Have a Master Beekeeper come help you at your bee hive. I have an EAS and a Mid-west Master Beekeeper certificate. Evaluating your hives after winter, installing package bees, requeening, making splits, or a one on one lesson at your bee hive are just some of the things we can do. After each visit I will leave you with a written evaluation sheet from each hive we go through. Call or text Kristi Sanderson at 913-768-4961 or email sandersonk09@gmail.com for pricing and appointment times.

Things to do to

- **Get some recipes together for the cookbook**
- **Pay your dues**
- **Register for the Beekeeping class**
- **Plan to attend the KHPA meeting**
- **Mark your calendar for June 2nd for the Funday**



Northeastern Kansas Beekeeper's Association
Beginning Beekeeping Class 2018 for Langstroth Hives
Sundays, March 4^h and 11th Registration 12-1 and demonstrations, program 1-5:30 p.m.,
Douglas Co. Fairgrounds, 2110 Harper St., Bldg. 21, Lawrence KS

Dr. Dewey Caron, author of the textbook we will be using, *Honey Bee Biology & Beekeeping*, will present on the 2nd day, March 11th. **Dewey M. Caron** is a graduate of Cornell University and Emeritus Professor from the University of Delaware. Dewey has received numerous awards and forms of recognition for his teaching and extension work during his career. He has written many books and is one of our favorite guests.

New members will be eligible to win a starter single story hive and a 3-pound package of bees with a queen. All other registrants will be eligible to win additional door prizes. Drawings will be held on March 11th at the conclusion of the class. You must be present to win.

Each family registration will receive the book: *Honey Bee Biology and Beekeeping*, by Dr. Dewey Caron. Each registrant will receive a set of presentation notes. If you have this book, there will be an alternate choice available.

Sunday, March 4th

12:00-1:00 Registration - Stations will be set up to see how to put together Langstroth style hives

1:00 Introductions of club officers, President Steve Messbarger

1:05-1:50(45) Beginning with Bees An introduction to the vocabulary, biology, equipment, and some considerations to be aware of as you begin. Becky Tipton Presents

1:55-2:25 (30) Beekeeping Equipment Learn the proper names for beekeeping equipment. This presentation will give you a good idea of the different pieces of equipment you need to have to keep bees. Steve Messbarger Presents

2:30-3:20(45) Basics of Installing and Managing for Package Bees and Nucs Find out the various ways you can obtain bees, and the best way to install package bees with their queen. Find out how to take care of your new hive: feeding for growth, when to add the next hive body; when to add honey supers; finally, what to expect your 1st and 2nd seasons. Kristi Sanderson Presents

3:20-3:50(30) Break

3:50-4:35(45) Seasonal Management-Late Summer and Fall Fall management, includes checking your hives to make sure they have enough bees and food and getting your bees ready for winter. Cecil Sweeney Presents

4:40-5:10-(30) Tips for the Beekeeper Robert Burns will demonstrate how to light a smoker, approach a hive, open it up; get started on your beekeeping adventure, and safety. Robert Burns presents.

5:15-5:30 Question and Answer Session-All presenters will answer questions

Sunday, March 11th

12:00-1:00 Stations will be set up to see how to put together Langstroth style bee hives

1:05-1:55 (50) The Biology of Bees What you need to know to meet your beekeeping objectives. Dr. Dewey Caron presents

2:00-2:40(40) Extracting Honey Club members will demonstrate how to remove honey from your hives and uncap your honey, extract it and bottle it for sale and gifts. Andy Nowachek Presents

2:40-3:10 (30) Break

3:10-4:00 (50) Reading the Brood Frame - Dr. Dewey Caron Presents

4:05-4:15(10) Opportunities for members of the bee clubs. Joli will share our favorite books and magazines, about our library, other local beekeeping clubs, and more beekeeping educational opportunities. Joli Winer presents

4:20-5:10 (50) Bee MD -Who else is in your hive? Coverage of pathogens and predators that can be found in your hive. Dr. Dewey Caron presents

5:10- close Question and Answer Session & Drawing for door prizes-you must be present to win, one door prize ticket per paid registration. All presenters will answer questions.

***Program and presenters subject to change**

Northeastern Kansas Beekeeper's Association
Beginning Beekeeping Class 2018 Registration Form
Sundays, March 4th & 11th 2018 1-5:30 p.m. Starting promptly at 1 p.m.
Douglas Co. Fairgrounds, 2110 Harper St., Bldg. 21, Lawrence KS
 K-10 to Harper Street, go north 2 blocks to the Fairgrounds.
Register by paying on-line at www.NEKBA.org

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP+4 _____

PHONE _____

Email address _____

Yes I would like to receive my newsletter by email I would like to receive my newsletter by mail

Beekeeping experience: not a beekeeper (yet) 1-2 years 3-4 years 5 or more years

**The registration fee is per person; however, additional people in the family may attend for only an additional \$25.00. Each family will receive 1 text book and 1 ticket to be eligible for door prizes. Only new members will be eligible to win the hive and package of bees.*

Workshop Registration Fees:

For non-members of The Northeastern KS Beekeepers Assn: \$65.00 _____
 (Fee includes a one-year membership & a text book)

For current members of The Northeastern KS Beekeepers Assn: \$50.00 _____
 (Fee includes text book) You must have paid your \$15.00 2018 dues for this rate

Additional Family members who will be attending @\$25.00 each (includes presentation notes)
 \$25.00 ea _____

List additional names: _____

American Bee Journal () Renewal () New 1 year \$24.00 _____

Bee Culture Magazine () Renewal () New 1 year \$25.00 _____

Youth/Veteran Scholarship Fund Donation _____

Additional Books for Sale—Recommended by the NEKBA Board:

The Beekeepers Handbook, 4th Edition by Diana Sammataro & Alphonse Avitabile \$25.00 _____

Honey Bees and Beekeeping: A Year in the Life of an Apiary, by Keith Delapane \$20.00 _____

Field Guide to Honey Bees and Their Maladies, Penn State University/ MAARC \$12.50 _____

Total \$ _____

Make checks payable to: NEKBA or Northeastern KS Beekeepers Assn. or go to www.Nekba.org and register by paying on-line.

Mail to: Robert Burns, 7601 W. 54th Terr., Shawnee Mission KS 66202 Email rburnshoney@gmail.com

For Further Information go to www.NEKBA.org or contact Becky Tipton 785-484-3710 bstbees@embarqmail.com

Sorry, no receipts will be sent for check and cash payments.

Kansas Honey Producers Spring 2018 Meeting
Friday and Saturday March 9 & 10 2018
The Cedars Conference Center 1021 Cedars Drive, McPherson KS
For information or questions about the meeting -Joli Winer 913-593-3562
or email joli@heartlandhoney.com

The Spring meeting of the Kansas Honey Producers will be held in McPherson at the Cedars Conference Center. The Hotel for the sleeping rooms for the meeting is the Hampton Inn at 200 Centennial Dr. (just off of I135) at McPherson. Rooms are \$99.00 a night and includes breakfast and free wi-fi. Reservations must be made by February 16th for this rate. Mention KHP to get the discount. Reservations may be made either online at Hampton.com, →choose McPherson, →choose KHP or you may call 620-480-2990 and mention KHP.

Our guest speakers will be Dr. Dewey Caron and Randy Oliver. **Dewey M. Caron** is a graduate of Cornell University and Emeritus Professor from the University of Delaware. He has received numerous awards and forms of recognition for his teaching and extension work during his career. He has written many books and is one of our favorite guest. Some of his books are *Honey Bee Biology and Beekeeping*, *Observation Hives-How to set up, maintain and open a window to the world of Honey Bees*, *Beekeeping Basics* and *Africanized Honey Bees in the Americas*.

Randy Oliver owns and operates a small commercial beekeeping enterprise in the foothills of Grass Valley in Northern California. He and his two sons manage about 1000 colonies for migratory pollination, and produce queens, nucs, and honey. He has over 40 years of practical beekeeping experience, plus holds B.S. and M.S. degrees in Biological Sciences. Randy researches, analyzes, and digests beekeeping information from all over the world in order to not only broaden his own depth of understanding and knowledge, but to develop practical solutions to many of today's beekeeping problems, which he then shares with other beekeepers through his various articles in bee magazines, his speaking engagements worldwide, and on his website: www.ScientificBeekeeping.com

Cooking contest- Anything Cherries-The predominant sweetener should be honey-please bring printed recipes without your name on them. Marietta Graham will coordinate. Foods will be tasted on Friday and prizes will be awarded. Participants may bring sauces for ice cream for Friday night dessert too (but this is not part of a contest).

Silent Auction—please do not bring items for the silent auction-we have had a very generous donation from the Brown Family of Donna's honey pots and gift items—7 boxes! So please save your items until the next meeting. Donna had some beautiful items and it will be a great auction with money going to our grant program. Becky Tipton Coordinates

Dinner on Friday will be catered by Knackies BBQ and will be a BBQ Buffet. The Program will be **Beekeeping in the California Foothills** -Randy Oliver presents: A pictorial presentation of our season of beekeeping in the California foothills—wintering, building for almond pollination, splitting and nuc sales, building for honey, late summer and fall management.

Program for the KHPA Spring 2018 Meeting

March 8th, Thursday night-Executive Board meeting at the Cedars at 8:00 pm **1021 Cedars Drive**

Friday, March 9th Cedars Conference Center **1021 Cedars Drive**

7:45-8:30 **Registration & Silent Auction set up (please see note about not bringing items)**

8:30-8:45 **Call to order by President Jim Kellie**

8:45-9:45 Good News about Bees, positive spin on the nasties of beekeeping mites/pesticides/honey/forage & people. **Dr. Dewey Caron**

9:45-10:45 The Times They are a Changin' Bees are continually being forced to evolve due to environmental changes and introduced parasites. In turn, beekeeping, and the business of beekeeping must also evolve. An overview that puts the recent evolution of beekeeping and agriculture into perspective--how parasites, climate change, changing agricultural practices, beekeeping practices, world trade, pesticides, and GMO's fit into the picture of today's state of the honey bee.

Randy Oliver

10:45-11:00 Break

11:00-12:00 Putting in a Certified Kitchen

12:00-1:00 Lunch on your own

1:00-2:00 How can K State help you develop your Products for your Business Dr. Fadi Aramouni, professor food science at K State

2:00-3:00 Managing Colonies for Spring Buildup and Swarm Prevention

Management suggestions based upon an understanding of bee biology and behavior. **Randy Oliver**

3:00-3:30 Break-end of silent auction at 3:30

3:30-4:30 Anticipatory Beekeeping Successful beekeepers seek to stay ahead of their bees, anticipating what will occur based on what a colony inspection reveals or the season dictates. If we only react we will be constantly trying to catch up. How can we best anticipate mite population levels, queen events, worker population fluctuations and which of several management options best serves to allow us to be ahead of, rather than merely reacting to, what the bees are doing? Anticipate, not merely react, is easy to say but difficult to accomplish. **Dr. Dewey Caron**

4:30-4:45 Get a Cherry honey snack

4:45- Area Groups meet

6:00 Dinner-catered by Knackies BBQ and Catering -Program: Beekeeping in the California Foothills: A pictorial presentation of our season of beekeeping in the California Foothills—wintering, building for almond pollination, splitting and nuc sales, building for honey, late summer and fall management.

Saturday March 10th

8-8:30 Registration & Silent Auction Set up

8:30-9:30 Adapting to Varroa & Extended Release Oxalic Acid Update- A group of us are collaborating with USDA-ARS to collect data in support for EPA to approve this application method, which is showing great promise (and may be a game changer in varroa management). This presentation will be about our progress to date. **Randy Oliver**

9:30-10:30 Bee MD, diagnosing and treating bee maladies using decision "tree" approach Where is problem Internal hive/External hive/adult bees/brood - arriving at a diagnosis of what problem is and solution - Pollinator Protection will have available on website **Dr. Dewey Caron**

10:30-10:50 Break

10:50-11-05 Grant Group presentation

11:05-12:05 Apitherapy -Candy Rogers

12:05-1:05 Lunch on your own

1:05-1:35 Beekeeping by the Numbers-Dr. Dewey Caron presents

1:35-2:35 Chad Gilliland --Topic to be announced—2 things will be going on—1 will be the Kansas Senior Farmers Market Nutrition Certification – something else will also be going on but that is to be determined!

2:35-2:50 Break & end of Silent Auction

2:50-3:50 Small Scale Queen Rearing Every beekeeper should experience the joy of rearing daughters from their best queens! In this presentation I show step-by-step queen rearing techniques for the hobbyist through small commercial beekeeper. Tips from several decades of experience-**Randy Oliver**

3:50-4:30 Business Meeting

Program Subject to change

KHPA Spring 2018 Meeting Registration Form

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP+4 _____

COUNTY _____ PHONE _____

E-MAIL _____ write email address clearly

Check here if you would like to receive your newsletter by email

List names of those registered for name tags

Children-please list for a name tags-- under 18 free

Meeting Registration For members: Children under 18 free

Per Person 2 day registration-Friday and Saturday \$ 80.00 X _____ = _____

Per Person 1 day only _____ Friday only _____ Saturday only \$ 45.00 X _____ = _____

Meeting Registration For Non-members: (Includes a 1 year membership)

Per Person 2 Day registration-Friday & Saturday \$95.00 X _____ = _____

Per Person 1 Day _____ Friday only _____ Saturday only \$60.00 X _____ = _____

Friday Dinner -BBQ Buffet catered by Knackies a local BBQ. BBQ Brisket & BBQ Chicken Breast, Cheesy Hash Brown Casserole, Baked Beans and Bacon, Cauliflower & Broccoli Salad. Ice Cream Sundaes for Dessert. (Participants may bring homemade ice cream sauces)

Check here if you want a vegetarian meal _____ veggie meal \$15.00 X _____ = _____

Check here if you need an alternate meal because it is Lent \$15.00 X _____ = _____

Children under 12 \$8 X _____ = _____

Membership for Kansas Honey Producers Association: Renewal New \$15.00 _____

Youth Membership 2018 (18 years of age or under) Renewal New \$7.50 _____

Membership 2018 Northeastern Kansas Beekeepers Assn: Renewal New \$15.00 _____

Donation for Grant Project

\$ _____
Total \$ _____

Please make checks payable to: Kansas Honey Producers Assn or KHPA and mail to
Robert Burns, 7601 W. 54th Terr., Shawnee Mission KS 66202
913-481-3504 or email rburnshoney@gmail.com

Registration & payment now accepted with PayPal at kansashoneyproducers.org

If you have questions please call me, Joli Winer, at 913-856-8356

Note: No receipts will be sent

HEARTLAND HONEY & BEEKEEPING SUPPLIES

We are taking orders for 2018 package bees. Our 3# packages with a new queen are \$158.00 this includes tax. We will no longer be selling bee supplies –except we still have some in stock. 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 only sell 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 appt 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.* 3-frame nucs of solid brood comb of foundation (frames of even exchange) with MN Hygienic queens for \$119.00 each " Raymond Cooper, 220 N Elm, lola 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. Robert Hughes, 12333 Wedd Street, Overland Park, KS 66213 PHONE: 913-681-5777

NORTHEASTERN KS BEEKEEPERS' ASSOC. 2018 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 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 1 year \$25.00 _____

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

Now you can 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, January 22nd 2018

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 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 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.

2017 Officers

| | | |
|---|--|--------------|
| President: Steve Messbarger, 9802 S Burr Oak Circle, De Soto KS 66018 | Smessbarger55@gmail.com | 913-226-2849 |
| 1st VP: (youth scholarship) Terry Collins, 35295 W 311 th , Paola KS 66071 | dcomputerman@yahoo.com | 913-937-7980 |
| 2nd VP (Librarian): Gayan Stanley, 1988 E 1st Rd., Lecompton, KS 66050 | gayanski@aol.com | 785-865-7315 |
| 3rd VP (Honey Plants): Jo Patrick, 611 E Sheridan, Olathe KS 66061 | brian-patrick@sbcglobal.net | 913-645-8947 |
| Secretary: Marlene Pantos, 2920 Stubbs Rd., Tecumseh KS 66542 | MarlenePantos@yahoo.com | 785-633-6283 |
| Treasurer: Robert Burns, 7601 W 54 th Terr., Shawnee Mission KS 66202 | rburnshoney@gmail.com | 913-481-3504 |
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| 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