



Bee Line

www.cherokeebeeclub.com

SEPT-OCT 2007

The Presidents' Corner

by Randy Tudor

Here's an interesting article sent out from the county extension service.

7 September, 2007

Dianna Cox-Foster, Penn State Univ. Jeff Pettis, USDA Bee Lab, Beltsville, MD Dennis vanEngelsport, Pennsylvania Dept of Ag.

A recent publication in Science established a link between a new virus, Israeli Acute Paralysis virus (IAPV), and CCD colonies. Of those colonies that suffered from CCD, all had IAPV present while healthy colonies did not have IAPV. Additionally, the research found that IAPV was present in bees imported from Australia & in royal jelly from China. Operations with CCD and sampled in the study had either imported Australian bees directly or had been closely associated with colonies that had Australian bees. We also know that IAPV has been found in Israel, suggesting that this virus maybe more widely spread globally. No one knows where its origins are at this point in time.

Does this prove that IAPV causes CCD? No, what this article and research to date points to is that IAPV could be involved in CCD and more work is needed to prove or disprove this idea. We can conclude, however, IAPV appears to be a very good marker for CCD and its detection may aide in defining CCD.

So where did the IAPV in the US come from? It is not clear at this point but certainly Australian package bees are a likely source. Additional sampling in the US and Australia is needed to be certain. We have begun discussions with Animal Plant Health Inspection Service and Australia with our concerns about package bees. Contacts have been made in Australia for additional samples and we are seeking the help of the Apiary Inspectors of America to gather additional samples here in the US. Samples are needed from colonies that appear

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to be suffering from CCD as well as samples from colonies that were established from Australian packages this past year.

What if I have Australian package bees in my apiary, what should I do? The recommendation for dealing with CCD remain the same (see MAAREC website <http://maarec.cas.psu.edu/ColonyCollapseDisorder.html>); 1) keep Varroa under control; 2) treat for Nosema if present; 3) do not re-use equipment from dead hives.

Why would IAPV not be causing problems in Australia? At least two explanations are plausible, Australia does not have Varroa to vector and activate IAPV and it may have co-adapted to bees stock in Australia. If the virus has adapted to Australian stock then we may want to look at Australian bees as part of our breeding programs. Along this same line, a research group in Israel believes that some bees in Israel have incorporated part of the DNA of the virus into their bee DNA and this DNA incorporation is offering resistance to the colony. IAPV has been linked to some colony losses in Israel. While the DNA incorporation idea is novel and somewhat controversial, it does offer hope as a means of combating IAPV or other virus problems. We do believe that breeding bees for increased resistance to varroa and pathogens such as IAPV is an answer.

Efforts continue to try and understand the key components involved in CCD. Currently we are initiating experiments to try to determine if indeed IAPV is a causal agent in CCD. We will be exposing healthy, IAPV-free colonies to IAPV in conjunction with other pathogens, pesticides, or nutritional stress to see if we can get the colonies to develop CCD symptoms and collapse. Likewise, we are trying to determine methods that will work for treating equipment from dead out colonies. Others in the working team are asking about many other aspects, such as pesticides, etc. In collaboration with all, we hope to be able to answer many questions concerning CCD and bee health and deliver methods for medication or prevention of the problems in bee health.

2007 Calendar of CBC Meetings
(tentative)

September 20 Fall Preparations & Wintering Over
Bill Posey

October 18 Observation Hives
Bud Champlin & Trina Barron

*November 16 Holiday Dinner

December No Meeting - Happy Holidays!

Regular meetings held on the 3rd Thursday of each month at 7:00 PM in the Cherokee Arts Council in Canton, except those noted with *.

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at reduced rates (25% off),
as Association Members through the club.



Kelly's Brood Foundation, #120.
Dadant 4 frame motorized Extractor.
Contact Bill Posey @770-386-3311 or
billsbeefarm@yahoo.com.

***Remember to support your local
fall festivals.***

***If you are interested in participating in additional
volunteer opportunities, please contact Trina. Your
assistance is appreciated!!!***

Quote of the Month:

What Changes, What Remains the Same –

**Take the honey with the milk, drink of it
before the rising of the sun, and there
shall be something in thy heart that is
divine.**

- from the Berlin Magical Papyrus

Recipe Corner
Fabulous Pecan Bars



1 ½ Cups All Purpose Flour
Pinch of Salt ½ Cup Honey
1 ½ Cups (3 Sticks) Cold Unsalted Butter, Divided
¼ Cup Ice Cold Water
1 ½ Cups Light Brown Sugar
1/3 Cup Granulated Sugar
1 Pound Pecan Pieces
¼ Cup Whipping Cream

Place flour and salt in large bowl, cut in ½ cup butter. Once mixture resembles crumbles, add water. Gather dough and roll into a ball. Wrap in plastic wrap and chill for 1 hour. Grease 9X13 pan. Grease wax paper or parchment paper and roll dough between 2 pieces to fit pan allowing 1" for sides. Should end up with 11X15". Peel off paper on one side and lay into pan, then remove remaining paper. Pierce with fork and chill pan in freezer while making filling. Preheat oven to 400 degrees. In heavy sauce pan over med. Heat, combine remaining butter, brn sugar, white sugar, and honey. Stirring, bring to boil. Stirring constantly cook until thick & dark, about 4 minutes. Remove from heat. Stir in pecans & whipping cream. Pour mixture into pan spreading evenly. Bake for 25 minutes. Check in 15, if browning to fast, reduce temp. to 375. Cut into squares after cooled.

*(The recipe and these tasty treats were provided by
Debbie Lomax at the February Bee-School.)*

CHEROKEE BEE CLUB BOOTH WON FIRST PRIZE AT THE CHEROKEE COUNTY FAIR



Congratulations and Thanks to Vicky and Bud Champlin who headed up the planning and decorating for the booth. This year's theme was "Everyone has a Job". We had a good turn out on Sunday, September 9th to set up the booth. Thanks to everyone who came out to help! Vicky and Bud had already done all the work. With Bud's carpentry skills for the comb display and Vicky's artistic talents in painting all the bees, we were a shoe-in to at least place in the Booth Display contest. But, we didn't just place – we won First Prize!!!!

Here are a couple of pictures of the booth:



Minutes of 8-16-07 CBC Meeting

Attendance

Business portion of the meeting began promptly at 7:00. Approximately 20 members were in attendance. Tonight was the club's first meeting in the new location – Cherokee County Arts Council Building.

Program

Tonight's program, "Preparing Your Honey for Show", was presented by club members Joe Schepers and Hoyt Rogers. Joe and Hoyt discussed the various characteristics of honey that judges look at, such as moisture content, clarity of honey, taste and the different categories to enter. The Cherokee Fair is coming up September 10th through 16th. Get your honey ready now for the show! Thanks to Joe and Hoyt. We are looking forward to great member participation in the honey show.

Treasurer's & Secretary's Reports

No treasurer's report was available. Worth is out of town. Motion was made to approve the minutes from the July meeting as printed in the Beeline. Motion approved.

Old Business

The Cherokee County Fair will be held September 10th through 16th. Bud and Vickie are putting a lot of time and talent into making this year's fair booth First Place Material!!! Anyone interested in helping set up the booth please arrive at the fair grounds on Sunday, September 9th at 2:00. Motion was made by BJ to not sell honey at the fair. Motion passed.

The nominating committee is being formed to nominate members for officer ship in the club next year. Bud, Joe, Laney Hoyt, Worth and Randy are on the committee so far.

New Business

There was discussion on the location of the holiday dinner. Ryan will look into the possibility of having the holiday dinner in the Arts Council Building. A decision will be made by next month on the location.

BJ made a motion to continue to supply the jury room with honey for coffee and tea. Motion passed.

Ryan asked for a volunteer to talk about honeybees at an arts council camp coming up the week of September 17th. In return for using the meeting room free of charge, the arts council has asked us to participate in a few arts camps throughout the year. Please let Ryan know if you are interested.

Motion was made to adjourn at about 8:30. Meeting adjourned.

CBC Library



All club members are encouraged to check out any of the materials.

A Year in the Life of an Apiary	How to Keep Bees and Sell Honey
Beekeeping - A Complete Owner's Manual	Increase Essentials
Beekeeping - A Practical Guide	Observation Hives: How to Set Up, Manage, and Use an Observation Hive
Bees - Lectures By Rudolf Steiner	Queen Management
Bees in America - How The Honey Bee Shaped a Nation	Queen Rearing and Bee Breeding
Bees Were Their Business	Setting Up a Package Swarm
First Lessons in Beekeeping	Small Scale Honey Harvesting
Following The Bloom - Across America w/ Migratory Beekeepers	The Candle Maker's Companion
Health and The Honey Bee	The Class Room
Hive Management: A Seasonal Guide for Beekeepers	The Healthy Taste of Honey
Honey - From Hive to Honey Pot	The Joys of Beekeeping
Honey Bee Biology & Beekeeping	The Life and Times of the Honeybee
Honey Bee Pests, Predators, & Diseases	The Queen Must Die
How Do Bees Make Honey	

Notes from the Editor

Don't forget that we have moved our monthly meetings to the Cherokee Arts Council building and have moved the start time back to 7:00 pm. It's at 94 North Street, just behind the Justice Center.

Part of the Cherokee BeeKeepers Club's mission is to bring awareness and education on the subject of honey bees to the community. Throughout the year the Club is asked to participate in various local events. We need your help to make this commitment a reality. Please consider donating some of your time in support of the club in these volunteering opportunities.

Come on, if I can do it, you can too! And they are fun! You really don't have to be the most experienced bee keeper to take part and once you do, you will be proud of the fact that you are giving back to the community and spreading the Bee word! If you are interested please contact Trina Barron at 2tbarron@comcast.net or 770-861-7784.

We're all too busy for an Interview with a Beekeeper Column this edition. If anyone has suggestions on who else to interview or any other fresh new ideas for the newsletter, PLEASE let me know.

If you have any articles you'd like to share, or if you would like to list anything for sale, please send them to me or call Laney Cagle, lane714@tds.net, 770-893-2635.

The opinions expressed in articles in the BeeLine are of the writer & not necessarily of the CBC Membership

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