

# Missouri State Beekeepers Association

P.O. Box 448 Oak Grove, MO 64075

[www.mostatebeekeepers.org](http://www.mostatebeekeepers.org)

January 2008

Eugene Makovec  
Editor

## Spring Meeting to be held in Springfield March 14-15

### Dr. Eric Mussen is featured speaker

by Sharon Gibbons

Please join the Missouri State Beekeepers Association for our annual Spring meeting, March 14-15, 2008, at The Clarion Hotel in Springfield, Missouri. We have an exciting agenda planned and we hope that all of our members will attend. Remember, communication and learning are the keys to successful beekeeping.

Our primary speaker will be **Dr. Eric Mussen**, Extension Apiculturist at the University of California, Davis, Department of Entomology.

Dr. Mussen received his B.S. in Entomology at the University of Massachusetts, Amherst, and both an M.S. and a Ph.D. in Entomology at the University of Minnesota, St. Paul. His research interests, according to the UC Davis website, include "managing honeybees and wild bees for maximum field production, while minimizing pesticide damage to pollinator populations".

Dr. Mussen edits the *From the UC Apiaries* newsletter, and is known for his expertise on Africanized honeybees. He was named 2006 Beekeeper of the Year by the California State Beekeepers Association, and in January 2007 was given the American Association of Professional Apiculturists' Award for Apicultural Excellence.

Among the topics on which Dr. Mussen will lecture in Springfield are the effect of CCD on California pollination, and the exciting rebuilding of the UC Davis Bee Lab with the addition of renowned queen breeder/researcher Sue Cobey.

While the meeting agenda is not yet finalized, there will be workshops for newer beekeepers with help from the Ozark Beekeepers Association.

This two-day meeting will be held at the:

**Clarion Hotel**  
3333 South Glenstone Ave.  
Springfield, MO 65804  
(417)883-6550 or (800)756-7318  
[www.clarionhotel-spfld.com](http://www.clarionhotel-spfld.com)

The group room rate is \$64.00 for King or Double. (Suites are available for \$199 per night.) Please mention the Missouri State Beekeepers Association in order to get the special rate. The block of rooms will be held for us until March 4, 2008, or after that as available. The hotel is located at the core of the dining and retail district of Springfield.

The Clarion's "Newsroom" restaurant has a daily breakfast buffet, at nominal charge. The hotel has an outdoor heated pool and an exercise room. Rooms include irons and boards, hair dryers and in-room coffee service. Battlefield mall is located within a mile, and the world-famous Bass Pro Shop is located within two miles of the hotel.

On Friday morning we would like to include a tour of the French's Mustard plant in Springfield, where over 30 million pounds of mustard seed are processed each year. We are waiting for a reply from them.

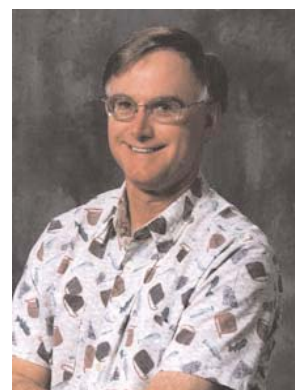
At this time we are planning on holding the Executive Board meeting on either Thursday night or Friday morning before the French's tour.

Make this meeting a mini-vacation, and take a side trip to Branson. The special hotel rate is good for Thursday night through Sunday. If you want to add more days, please let me know, and I will arrange the same rate.

We thank all of you for traveling last fall to Hannibal, and now hope that you will support the Springfield location by attending. It is becoming more and more difficult and expensive to book top quality speakers and hotels. We have another good meeting scheduled, but costs have gone up with the increase in fuel costs. We face increased minimums on the food contracts for the next two meetings. If you support our banquet and lunches at the meetings, we will be able to meet the \$3000 food minimum required.

In the Fall of 2008, we will go back to The Lodge of the Four Seasons at the Lake of the Ozarks, and in the Spring of 2009, we will have a combined meeting with Kansas in Overland Park, KS.

All meeting questions can be directed to Sharon Gibbons at [sgibbs314@earthlink.net](mailto:sgibbs314@earthlink.net).



**Dr. Eric Mussen**

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Beebread treats rare disorder			



## From the President

by Ken Norman

The holidays are behind us and we can look forward to 2008 and all the challenges that we will face in beekeeping. In 2007 we became aware of CCD and the honeybee die off that occurred with it. Just after Christmas I became aware of another Missouri beekeeper who, after checking his bees for a trip to the almonds in a few weeks, discovered a massive die-off with CCD-like symptoms. So I am going to review what has been discovered in 2007 that will help our hives to make it through 2008:

**Treat with Fumagillin-B**, a Canadian product manufactured by Midivet Pharmaceuticals, Ltd., Alberta. This product can be found at Dadant and other bee suppliers advertising in this newsletter. It was found that colonies with CCD had nosema apis in 90% and nosema ceranae in 100% of the colonies. (Source: Bee Culture)

**Feed pollen patties** to supplement honeybee diet when there is no more pollen to be had. Collected pollen from your local area is the best for the bees, with the new pollen replacements next. These include Mega Bee, Feed Bee and Bee Pro.

**Deal with inbreeding** in the colonies, through a diverse queen replacement program from different parts of the country and breeders. It was Dann Purvis who brought this to our attention at the Fall 2007 meeting.

**Replace old comb** that has become a sponge for chemicals and diseases that are present in the environment. A replacement pro-

gram of every five years would be the ideal.

There is no doubt more that can be written on this subject and I hope that in 2008 more discoveries can be found to complement what has been learned.

The Executive board still has a need for a secretary, and if you would like to nominate and/or volunteer someone for the position call Kenny Norman at 417-669-4452 or email

dkennynorman@juno.com

The Executive board meeting in January will be on the 26th in Columbia, Missouri. The meeting will occur from 9am to 2pm at Ryan's restaurant, 908 I-70 Dr. SW (573-499-0133). All officers and representatives from locals are invited.



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## Beekeeping Short Course

Make honey in 2008!

The Eastern Missouri Beekeepers Association will offer a full day course of professional instruction and open hive demonstrations for **beginners and experienced hobbyists** on Saturday, February 23, 2008, at the Center of Clayton, 50 Gay Avenue, Clayton, Missouri from 8:00 a.m. to 5:00 p.m. The class will cover all fundamental beekeeping topics, and is specially designed to provide everything necessary for beginners to keep bees and make honey starting in the spring of 2008. The course will include hands on follow-up sessions in March and April to help participants get started with honeybees. The Association offers beginners mentoring contacts and additional assistance.

The cost is \$45 individual, or \$60 family. The registration packet will include a copy of *Beekeeping Basics*, an acclaimed, illustrated guide to beekeeping, plus magazines, catalogs and instructional handouts.

Raymond A. Nabors, Ph.D., an experienced beekeeping educator and former extension entomologist, and currently Farm Director of the Heartland Ag Network, will present the course. Dr. Nabors' presentations are noted for their stunning graphics, practical and scientific accuracy, high energy, and humor.

Register by February 15, online at [www.easternmobeekkeepers.com](http://www.easternmobeekkeepers.com) or by calling 314-894-8737.

The EMBA has been promoting beekeeping in the Metro St. Louis area for 69 years.

## EASTERN MISSOURI BEEKEEPERS ASSOCIATION

## INTERESTED IN BEEKEEPING?



### Beginning Beekeeping Workshop!

Saturday, January 26, 2008 from 9 am - 9 pm and  
Sunday January 27, 2008 from 11 am to 4 pm.

You can learn everything you need to know to get your own hives started at this workshop presented by the Boone Regional Beekeepers Association

Date:

(the course spans two days)



Over the course of two days, experienced beekeepers will teach you all of the basics of beekeeping, including how to establish and keep up an active beehive, how to collect honey, basic hive troubleshooting and much more!



Cost:

\$ 50, \$ 40 for students (with ID). The fee includes the cost of a beekeeping manual and a catered, honey-themed dinner Saturday evening. And, students will get to attend our April session titled: "Working with Package Bees".

Location:

Columbia Insurance Group- Clark Lane  
Columbia, MO (directions available)

To enroll, or for more information, contact Art Gelder, President of the Boone Regional Beekeepers' Association at 573-474-8837 or [walkaboutacres@agristar.net](mailto:walkaboutacres@agristar.net)

Class size is limited to the first 30 students.



Bee there!





## Tasty ideas set to be unveiled by Honey Board

Firestone, Colorado (November 2007)

New fruits of the National Honey Board's (NHB) applied science program are ripe for the picking. In 2005, NHB began developing industrial formulas for food concepts using honey as the primary or defining ingredient. The formulas are made available to any food manufacturer interested in adding a natural extension to their product



line. Past projects have included a solid honey and honey balsamic vinegar.

Now three new products are ready for a grand unveiling. **Honey Moo**, a milk modifier, uses the clean pure taste of honey to bring chocolate or strawberry flavor to milk. These products are part of a larger campaign to move kids away from soft drinks and toward healthier dairy products.

**Honey Glaze** contains 65% honey and is available in three varieties -- Honey Dijon, Chipotle Honey and Chili Garlic Honey. The glazes are an easy way to marinate meat for the grill or stir-fry, and they also make a great dipping sauce.

The final products capitalize on the fast-growing drink segment -- a **kiwi-lime soda** and **peach oolong tea**, both flavored with honey.

New product concepts developed by a commodity board have a unique set of advantages. NHB has in-depth knowledge of consumer attitudes toward honey, as well as the technical aspects of formulating with honey. What a private company might find most valuable is that NHB already has invested in making bench-top samples with preliminary formulations. However, full-scale production, product identity, packaging and distribution would be the responsibility of the manufacturer or marketing entity.

### Baking sales kit ready for honey suppliers

The NHB has launched a new sales tool for honey suppliers: The Baking Sales Kit. One simple package now compiles technical research and consumer surveys on using honey in baking. The kit also gives instructions on substitutions and how to compensate for the browning and enzymatic effects of using honey.

The Baking Sales Kit is free to any honey company with bakery clients. This marketing

effort is part of a goal to increase honey consumption in the processed foods market, which is estimated at 45% of the total U.S. honey market.

To request a copy or copies of the Baking Sales Kit, contact Charlotte Jordan at 303-776-2337 or [charlotte@nhb.org](mailto:charlotte@nhb.org).

The National Honey Board conducts research, advertising and promotion programs to help maintain and expand domestic and foreign markets for honey. The Board's work, funded by an assessment of one cent per pound on domestic and imported honey, is designed to expand the awareness and use of honey by consumers, the foodservice industry and food manufacturers.

## Heartland Honey and Beekeeping Supplies

19201 South Clare Road  
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[www.heartlandhoney.com](http://www.heartlandhoney.com)



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fax 573-474-5830

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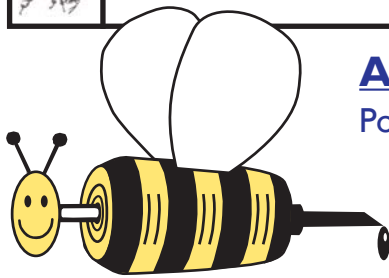
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## Apitherapy News ...

### Pollen/honey mixture helps child born with rare chromosomal abnormality

*Journal of the American  
Apitherapy Society*

*Volume 14, No. 3  
September 2007*

*by Priscilla Coe*

#### The benefits of beebread for T.J.

##### **An apitherapy case history of a child born with a rare chromosomal abnormality**

*by Priscilla Coe*

Donald Downs, a long-time apitherapist in Wellington, Ohio, and member of the AAS board, has, at several AAS conferences, presented a brief case history on his work with T.J. Born with a virtually unknown genetic abnormality, T.J. was given a brief life expectancy. Beebread was introduced into formula via his feeding tube at age two by his maternal grandmother, Angie Gebhart Bittner. A distinct turning point for the better was noted almost immediately in his overall health. Since then, his only sustenance has been formula with the addition of beebread or honey, and his vitality and capabilities have steadily improved. Today, as T.J. approaches his sixth birthday, his grandmother notes the unimaginable strides her grandson has made, especially considering that no hope was given at birth, and she credits the hive products 100 percent. The following is a transcript of an interview with Angie in July 2007.

My grandson, Todd Jason—who we call T.J.—was born on October 30, 2001. He weighed five pounds, nine ounces, and was 19 inches in length. My daughter, who was age 17 at his birth, had a normal delivery after a 38-week pregnancy, and everything looked fine at first. T.J. did have a few characteristics that might be associated with a Down syndrome child, but not many. Within a few hours after his birth, though, we knew something was wrong, but no one could figure out what. It took three months to identify that T.J. had an extra chromosome 2 (1), making him very original. The exact diagnosis from a doctor specializing in genetics was that he had both a triplicated and a duplicated segment of chromosome 2. It is normal to have one chromosome 2, which is a pair with a chromosome from each parent, but T.J. had three. He also had additional complications at birth.

A terrible crisis occurred on Christmas Eve, when T.J. was not quite two months old. He had been assessed with overall “failure to thrive” (2) and was having severe respiratory problems. Doctors at our local hospital, Altman Hospital, in Canton, Ohio, said we had to decide if we would let T.J. go, meaning taking him off the vent he was on and letting him die, or if we wanted to put a “trach” (tracheotomy tube) in his windpipe to make breathing possible. Our entire family was in agreement to go with the trach.

T.J. was moved to Akron Children’s Hospital 70 miles away. A crew came down to incubate him, and it was a night of horror. He then had three surgeries on January 5, 2002: One was to put in a Nissian tube to deal with reflux, the second was to put in the trach, and the third was to put a Mickey feeding tube in his stomach. Over the next year and a half he was in the hospital a lot, though he otherwise lived at home with us. During this period he essentially died five times and I, personally, did a type of CPR on him—not compression on his heart,

but mouth to trach, rather than mouth to mouth. His immunity was very low and he couldn’t go out in public. Even a small amount of exercise would wear him out. He lived on formula. I had trained as a Professional Nursing Assistant and was given custody of him.

Prior to meeting Donald Downs, I had an experience that set the stage for my openness to apitherapy. A woman with MS called, asking me about bee stings. She was being treated by Donald but had to drive an hour to get to his house. I told her I would get back to her, but didn’t know anything about bee venom treatments. Right after that, I saw that Donald was speaking to our local beekeepers’ group. My husband, Rick, and I keep bees and currently have about 130 hives. I’d always had the feeling there was something else you could do with bees besides producing honey. We were busy with our apiary, but I told Rick I felt strongly that we needed to go to the lecture. As it turned out, we stayed and talked with Donald afterward for an hour and a half. I then started going to the bee sting sessions at his house and continued for about three months. One day I couldn’t get a babysitter and took T.J. with me.

Donald suggested we give T.J. a small amount of beebread. The first day I tried it, when T.J. was two years old, I put one teaspoon of beebread in with the formula in his feeding tube. I had resistance from the nurses who were helping, but nevertheless continued to give T.J. this amount of beebread every day. Within a week and a half, his bowels improved (he had been taking MiraLAX), he had more energy, and he developed a “glow” that people commented on. Donald came down a few months later and noticed that while T.J. had been ghost-white in the past, he now had good complexion. He had also put on weight, and was pushing himself up from a blanket on the floor. I never questioned giving T.J. the beebread.

After three or four months the doctors saw that T.J. was getting stronger; he was less asthmatic, and his lungs had never been so clear. They finally asked me what was going on. Previously, he had been in the hospital for anywhere from a few days to over a week with his asthma attacks, and this improved tremendously after we began with the beebread. The trach was removed from T.J.’s throat when he was four years old, and the hole healed. Removing the trach was a very important decision I came to through prayer. I continued on with the beebread until fairly recently, when I decided to give T.J. one tablespoon of honey per day in the feeding tube instead of the beebread. I am not aware of any changes in his medicines.

Looking back, a lot has happened that we were told would never happen. At his birth, the doctors told us T.J. would not live past four and a half months. We were told he would never sit up. Now he can sit up by himself for a few minutes, though he is otherwise in a wheelchair. His height and weight are normal for his age. He can go out in public now and has been in a preschool for children with special needs since age three. His teachers have commented on his steady improvement.

T.J. can’t walk on his own, but he can stand up and walk a bit when we hold his hands. He mostly smiles, though he does speak with a vocabulary of a few words. If you could look at him and see inside his eyes, you would realize he is much smarter than you might think at first. His sleep is normal, and I would say he has normal, healthy instincts overall and continues to grow and develop. A few weeks ago we were at a

*continued on page 5*



## Beebread used to treat chromosomal disease

*continued from page 4*

Mexican restaurant and T.J. reached for my glass of iced tea, opened his mouth, and tilted his head back. I knew he wanted a sip, which I gave him. This was a first—he had learned how to swallow. In the past he wouldn't let us put anything in his mouth, and didn't even want to have his teeth brushed.

Another fairly recent development is that he has learned to cry. T.J. never cried as an infant. In fact, it seemed as if he didn't know personal pain. He had never reacted to surgeries or when he hurt himself. He now has two younger brothers. Starting about two years ago, he started to cry when he saw his brothers cry. Now he cries on his own, sometimes for his advantage, such as when he wants us to come to his room at night.

Overall, he is a very happy child and loves to be around adults and children. He loves country music and nature sounds. I made him a tape of sounds from the beehive -- which we completely wore out! I would say that apitherapy provided a 100 percent turning point in T.J.'s life. The honey and pollen supported T.J. with nutrition he wasn't getting and improved his use of oxygen. With all this, my husband and I have now both become apitherapists. We have treated as many as 35 people at a time with bee stings for conditions such as fibromyalgia, arthritis, Lou Gehrig's disease, and shingles. I've always felt that the bees are very spiritual and that they can offer us much more than we even know about now.

### Notes:

1) Chromosome 2 is one of the 23 pairs of chromosomes in humans. People normally have two copies of this chromosome, one copy inherited from each parent. Chromosome 2 is the second largest human chromosome, spanning more than 243 million base pairs (the building material of DNA) and representing almost 8 percent of the total DNA in cells. Source: [www.ghr.nlm.nih.gov](http://www.ghr.nlm.nih.gov)

2) Failure to thrive is a medical term that denotes poor weight gain and physical growth failure over an extended period of time in infancy. Source: [www.wikipedia.org](http://www.wikipedia.org)

*Donald Downs can be reached at (440) 647-2483, or 20475 Pitts Road, Wellington, OH 44090. Priscilla Coe is a beekeeper in Sonoma, California, who works in food public relations in San Francisco. She is a longtime student of many aspects of holistic healing and has attended a number of AAS and international apitherapy conferences. Contact her at [priscillacoe@earthlink.net](mailto:priscillacoe@earthlink.net) or P.O. Box 1267, Sonoma, CA 95476.*

### Some observations about chromosomes

by Theo Cherbuliez, M.D.

T.J.'s condition has been diagnosed as the result of a chromosome abnormality. Chromosome helixes—the repository and a determinant of who we are and how we function—come in equal pairs; the separation of these pairs is part of the mechanism of reproduction. Normally when the pairs separate, each strand detaches from the other, and the result is an exact copy of each one. Then each strand duplicates itself, and the reproduction of the chromosome is accomplished.

Sometimes, however, the separation of the two strands is incomplete: a fragment of one of the helixes does not separate from its equal, instead remaining with its strand of origin. The result is the creation of two slightly unequal pairs. One helix has a little piece missing, and the

other has a double version of that same piece. Typically this creates anomalies—a person may be especially gifted in a particular area, or may have certain deficiencies.

In T.J.'s case both strands of chromosome 2 have pieces that did not separate. This is highly unusual—unique, in fact, if the diagnosis is correct. An accident of chromosome duplication of this magnitude is generally incompatible with living, and we are told that T.J. “died” five times.

This inspirational account revealed the grandmother's love and commitment expressed in the extraordinary amount of effort she devoted to keep little T.J. not only alive but also growing. Equally important is the role of apitherapy -- a natural set of remedies -- in correcting an “error of nature.” In effect, we have observed a partly documented representation of the role of apitherapy in grave cases, for which traditional medicine offered no treatment.

### Beebread in apitherapy

by Priscilla Coe

Beebread is an extremely nourishing tonic made of pollen and honey that roughly simulates the beebread made by honeybees in the hive. Its high lactic acid content supports healthy digestion, which is a foundation of good health. The lactic acid also can be converted to glucose, glucose being the main source of energy used throughout the body.

The production of beebread in the hive is not fully understood. Approximately one-quarter of the mature bees in a hive collect only pollen, one-quarter forage only for nectar, and roughly half forage for both pollen and nectar. Therefore, it is estimated that half of the pollen brought back to the hive has been mixed with nectar. The remainder of the pollen brought back to the hive has been mixed with some of the honey that the bees took with them as an energy source on their flights to obtain the pollen. The bees tightly pack these pellets -- each containing millions of pollen grains—along with saliva, into the worker cells until they are three-fourths full. Having previously cleaned and lined these cells with a thin layer of propolis, the bees then seal the beebread “silo” with a thin layer of propolis to prevent the development of bacteria and fungi. To make beebread for apitherapy purposes, the typical ratio is one to one, honey to pollen, though some people prefer additional honey for a more liquid consistency. This is mixed in a sterile glass container and then left for a few weeks to ferment. It is ideal to use fresh, not dried, pollen; as pollen dries, its vitality and nutrients are adversely affected. Fresh pollen has a moisture content of 10–20%, while dried pollen's is 4–6%.

Vetalev Stashenko notes that when the pollen is moistened with honey, the pollen's lactic bacteria, with the aid of the pollen's high protein content, quickly produce large amounts of lactic acid. The pH level of fresh pollen is approximately 7.2; in one-week-old beebread it drops to 3.5–4.2. He further notes that preparing beebread is more efficient without oxygen, and therefore recommends that the jar be covered tightly and that the contents not be stirred after the initial blending. After the several-week fermentation period, beebread should be stored in the refrigerator. Theoretically, it can be stored in the refrigerator or freezer for as long as five years, though over time the amount of protein, sugar, and other acids will decline. Therefore, it is best to make beebread in small quantities and consume it within a few months.



## Beekkeeping of Yesteryear

A look back at the literature of the last century

### Presence of Drones and Swarming

*What follows is an excerpt from the Third Annual Report of the Illinois State Bee-Keeper's Association, published by American Bee Journal Print, Chicago, IL. The Report is a 163-page paperback book, the bulk of which details minutes of the group's 18th annual convention of November 17-18, 1903 at the State House in Springfield.*

**Question from the audience:** "Does the presence of a large number of drones tend to intensify the swarming tendency or impulse?"

**Pres. York:** How many think it does? Six.

**Pres. York:** How many think the drones don't make any difference as to the swarming tendency? One.

**Mr. Wilcox:** How many think the swarming propensity tends to increase the number of drones? Sixteen.

**Mr. Whitney:** I asked that question. On examining bee-hives I found a large number of drone-combs. I never had so much swarming in my life among my bees. I had 31 colonies to start the season with and I had 54 swarms. I thought I knew how to keep down swarms. I increased, gave them plenty of room, cut out queen-cells and did everything I could do, and yet they swarmed, and I never saw so many drones as I had.

**Mr. Moore:** I would like to ask in this connection, when you control the production of drones by workers, can you thereby solve the swarming question?

**Dr. Miller:** No, you can't do it; and I would like to say to Mr. Whitney that he will find that there will be years when he will have exactly the same amount of drone-comb in his hives, and possibly with the same amount of drones, and he will have swarming more than other years. With quite a number the last season was an unusual one for swarming. It has been one of the worst years for swarming that I ever knew. I know I spoke of it more than once. There seemed to be a scarcity of drones, the smallest number of drones I ever had was this year, yet I think it was about the worst

year for swarming. The two things don't always bear the same ratio. Mr. Hutchinson says that if it wasn't for the swarming you wouldn't have any drones. The two things are not always in proportion.

**Mr. Starkey:** I noted that drones would tend to increase swarming, but by doing so I meant this: That instead of drones, if the same amount of labor had been extended in producing workers we would still have had the same amount of swarming tendency. I don't believe that the presence of drones would increase it any more than the workers themselves. However, I believe that it would be an advantage to the colony in point of the value to the honey-producer if these drones had been prevented.

**Dr. Miller:** If you suffer a large number of drones in your apiary you will have more swarming, and I believe if you allow a large amount of drone-comb in your hives you will have more swarming for it. One of the means to help cut down swarming is to allow as little drone-comb as possible to remain in the hives.

I believe if you allow a large amount of drone-comb in your hives you will have more swarming for it.

**Mr. Longsdon:** You may put a drone-comb into a very small colony, but the colony that doesn't show any tendency at the time of swarming, and immediately, almost, if other conditions are favorable, that colony will swarm. I know it is the change of the drone-combs that does it. I believe the drones have a very great amount to do as regards the swarming of bees.

**Mr. Whitney:** I attempted to prevent swarming by cutting queen-cells. I had a hive-box that I would put the queen in, and turn it in front of the hive so the swarm couldn't get back, and they would all cluster in that box, and I cut the queen-cells out. They would work for some time; and perhaps put in a case or two of honey and then swarm. I had one swarm come out with 200 or 300 bees, and I made them a hive and they are a good colony of bees today; but there was only about 200 or 300 bees in the whole swarm, so you see what I produced with the queen. She gathered 200 or 300 bees and they swarmed out in a cracker-box. I merely mention that as the tendency of swarming in my yard, as one bee against four.

**Dr. Miller:** A single bee never swarms.

**Mr. York:** That's so; I believe they have to get married first!

**Mr. Doby:** I don't believe a large or small number of drones has anything to do with it. I have had colonies that swarmed three times, and they had but very few drones, and I have seen lots of drones and have had no swarming.

**Mr. Hutchinson:** Mr. Aspinwall is now working with a non-swarming hive. I believe he spent \$1,000 in making wooden combs and his idea was that the bees wouldn't rear drones, and he was going to get rid of swarming that way, but the bees swarmed just the same with those wooden combs.

# Bee Culture

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# Missouri State Beekeepers Association Spring 2008 Meeting Registration Form



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## Pre-Registration Fees: Registration must be received by FEBRUARY 29, 2008

Member \$20.00 X \_\_\_\_\_ = \_\_\_\_\_

Family Member -- Must have paid 2008 dues as a family member \$30.00 \_\_\_\_\_

Non-member -- per person \$30.00 X \_\_\_\_\_ = \_\_\_\_\_

## Registrations made after FEBRUARY 29, 2008

Member \$25.00 X \_\_\_\_\_ = \_\_\_\_\_

Non-member \$35.00 X \_\_\_\_\_ = \_\_\_\_\_  
(No family discount on late registrations)

## Friday Night Banquet: Beekeeper of the Year

Since it is Lent, we will offer Mango Salmon; please indicate your choice. (\$25.00 x \_\_\_\_\_) = \_\_\_\_\_

Regular dinner is Bourbon Street Sirloin (10 oz. sirloin with sweet bourbon glaze)

Adult - \$25.00 per person (\$25.00 x \_\_\_\_\_) = \_\_\_\_\_

Child - \$12.00/child under 12 (\$12.00 x \_\_\_\_\_) = \_\_\_\_\_

## Saturday Lunch: Smoked Pulled Pork on Kaiser Roll

Adult - \$13.50/person (\$13.50 x \_\_\_\_\_) = \_\_\_\_\_

Child - \$7.50/child under 12 (\$ 7.50 x \_\_\_\_\_) = \_\_\_\_\_

Membership 2008 Missouri State Beekeepers Assn. Individual: ☐ Renewal ☐ New \$15.00 \_\_\_\_\_

Membership 2008 Missouri State Beekeepers Assn. Family: ☐ Renewal ☐ New \$20.00 \_\_\_\_\_

Queen fund donation Donation \$ \_\_\_\_\_

Meeting fund donation Donation \$ \_\_\_\_\_

Total \$ \_\_\_\_\_

Please make checks payable to: **MO State Beekeepers Assn.** Send to Pam Brown, 1407 Sneak Rd., Foristell, MO 63348. *If you pre-register and then cannot attend, your registration fee will be considered a donation and no refunds will be made. If you pay for meals and we are able to sell them you will be refunded for those.*



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for 2008!**

# DADANT FOUNDATIONS



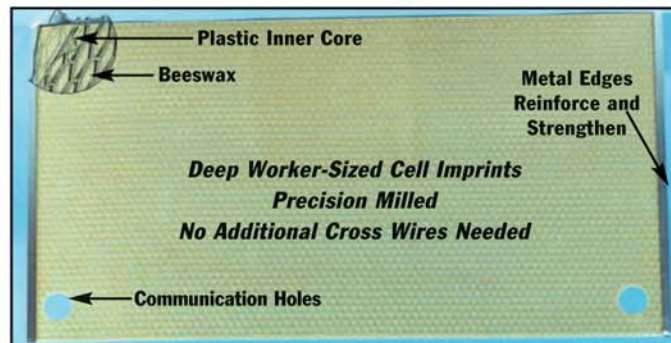
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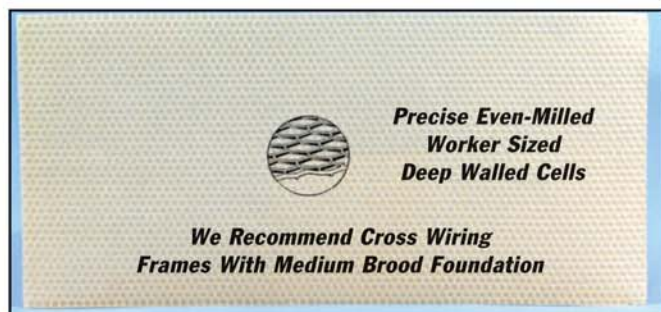
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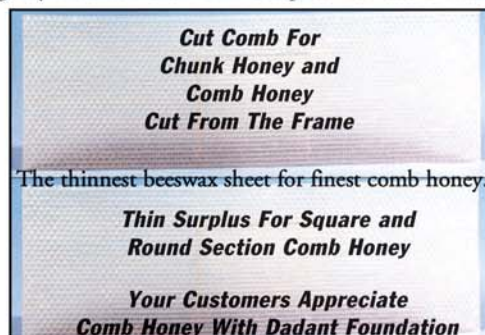
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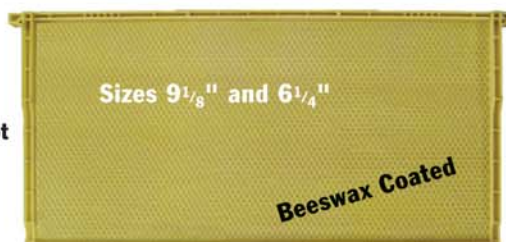


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## Local Club Information

### Beekeepers Association of the Ozarks

4th Tuesday of each month, 7:00 p.m.  
The Library Center, 4653 S. Campbell, Springfield  
[www.ozarksbeekeepers.org](http://www.ozarksbeekeepers.org)

### Boone Regional Beekeepers Association

3rd Sunday of odd months, 1:00 p.m., University  
Outreach and Extension Office, Rt. UU, Columbia  
Contact Art Gelder 573-474-8837

### Eastern Missouri Beekeepers Association

2nd Wednesday of each month, 7:00 p.m., Powder Valley  
Nature Center 11715 Craigwood Rd., Kirkwood  
Bob Sears, President 314-479-9517  
<http://easternmobeekkeepers.googlepages.com/>

### Gasconade County Beekeepers Association

2nd Sunday of month, 7pm, Progressive Bank of Owensville  
Contact Rodney Angell 573-764-2922  
[bee143@fidnet.com](mailto:bee143@fidnet.com)

### Jackson Area Beekeepers

4th Tuesday of each month, 7:00 p.m.  
First Pres. of Jackson, 206 E. Washington  
Contact Grant Gillard 573-243-6568  
[gillard5@charter.net](mailto:gillard5@charter.net)

### Jefferson County Beekeepers Association

2nd Tuesday of each month, 7:30 p.m., Hwy B & 21  
Jefferson County Extension Center, Hillsboro  
Contact Scott Moser 636-285-7295

### Joplin Area Beekeepers

Last Thursday of each month, SW MO Bank Annex  
(7th and Duquesne)  
Contact Howard Thompson 417-781-0578

### Mid Missouri Beekeepers

3rd Sunday of each month, Bank of Salem, Salem  
Mel Williams, President

### Midwestern Beekeepers Association

3rd Wednesday of each month, 7:00 p.m.  
YMCA, 10301 E. 350 Hwy, Raytown  
Cecil Sweeney, President 913-856-8356

### Missouri Valley Beekeepers Association

3rd Monday of each month, 7:00 p.m.  
Scenic Regional Library, Union  
Contact Rodney Angell 573-764-2922  
[bee143@fidnet.com](mailto:bee143@fidnet.com)

### Parkland Beekeepers

3rd Tuesday of each month, 108 Harrison, Farmington  
Contact Gene Wood 573-431-1436

### South Central Missouri Beekeepers Association

Steve Teeple, President 417-261-2210

### Southern Missouri Beekeepers of Monett ("MOBees")

3rd Tuesday of each month, 7:00 p.m.  
Monett High School VO-AG Building  
Robert Sperandio, President 417-235-6959

### Southwest Beekeepers Association

1st Tuesday of each month  
Neosho High School FFA Building  
Contact Herb Spencer 417-472-7743

Is your club missing? Send your information to:  
[editor@mostatebeekeepers.org](mailto:editor@mostatebeekeepers.org)

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2# and 3# packages from C.F. Koehnen  
and Sons. Your choice of Carniolan or  
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**MSBA Membership Application**

Name \_\_\_\_\_  
Spouse's Name \_\_\_\_\_  
Address \_\_\_\_\_  
City/State/Zip \_\_\_\_\_  
Phone Number \_\_\_\_\_ Email\* \_\_\_\_\_

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your newsletter via email.  
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ing and mailing costs.

**NOTE:** If you belong to a local association, please pay your state dues through your local club.

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Adult Membership \$15.00 ☐

Family Membership \$20.00 ☐

Student Membership \$5.00 ☐

**Amount Enclosed \$** \_\_\_\_\_

Make check payable to: Missouri State Beekeepers Association

Mail to: P.O. Box 448 Oak Grove, MO 64075

**Magazine Discounts:** Discounts are available for MSBA members to two beekeeping magazines. You may use their order forms and mail them yourself to the publishers as shown below:

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Retain yellow copy for your records.



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## Honey Queen Report

by Lori Guthals

Hello Beekeepers!

I hope everyone is ready for the Holidays! I know I sure am, but there is one thing I am not ready for and that is the weather! You know the ice, snow and cold wind blowing in your face! Doing chores outside just isn't as much fun in the winter, but I guess somebody's got to do it, right?

Speaking of getting work done, I have been working really hard getting ready for Nationals! As mentioned before, I will be competing in the national queen contest this January in Sacramento, California. My mother and I leave the first week of January and we are both very excited! In preparation, I have been working on my scrapbook, preparing a marketing presentation and getting ready to do a few more honey promotions at elementary schools in my area. It will be here before we know it and so I am doing my best to be as ready as possible, so I may bring home the title of American Honey Queen to Missouri! Wish me luck!

Well, it's that time, when I must let you go, but as always, I would like to say that as this year's Honey Queen, I'm here to serve you! If you have a fair, festival, meeting or activity you would like me to attend, please contact Joyce Justice, Honey Queen Director, so she may relay the message to me. Her address is located in the column to the right, and on the MSBA website.

Again, I thank you for this amazing opportunity and I look forward to promoting all aspects of honey throughout the new year! Finally, I hope everyone has a safe and happy holidays. God bless!

Sincerely,  
Lori Guthals



## Directory of Officers

President: Ken Norman 417-669-4452  
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### Nucs For Sale



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seams this spring!

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# Missouri State Beekeepers Association

P.O. Box 448 Oak Grove, MO 64075

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The email edition is in color, and contains hyperlinks and bonus back-page material, while the print version is in black-and-white. If you are a member currently receiving the printed newsletter and you wish to upgrade, just send an email to [editor@mostatebeekeepers.org](mailto:editor@mostatebeekeepers.org) with "email newsletter" in the subject line. I'll reply with confirmation, and add you to my list.

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