Another attendance record was set at the Missouri State Fair. This year's crowd outdid last year's by about 35,000 people; with a total number of 373,000 paid admissions. We sold a lot of honey at our honey booth, and our treasurer said that we made a profit of about $766.77. Honey stix again were sold in great numbers, and most of us realized that it was a mistake not to have sold Honey Ice Cream. We had perfect weather for the Fair. The days were hot, and sunny; but not too hot to keep people home. Thanks to all the beekeepers who came to work, and we hope that you had fun, too. Mike VanArsdall spent the whole week managing the booth, and we "thank" him for giving up a week of work. I think I heard Mike say that working "bees" was a whole lot more fun than spending ten days at the fair. Most of us couldn't handle those 12 hour days greasing the public. A complete list of volunteers and also prize winners will be found inside this newsletter.

ST. LOUIS WORKSHOP, OCT. 24-26h

St. Louis will be the host city for the National Honey Bee Certification Workshop. This workshop is to be held Oct. 24-26 at the Downtown Holiday Inn. The meeting will be held to gather input into what should be required of beekeepers for states to allow the movement of bees. It will address all the diseases and mites which affect bee movement certification, but its major thrust will be Africanized bees. Read your newsletter for further information about the agenda and registration.

MSBA FALL MEETING, OCTOBER 19,1991
CAPE GIRARDEAU, MO.

This is an important meeting with the election of officers for 1992. If you are interested in becoming involved with the work of the association, please submit your name to Glen Davis. We always encourage beekeepers to become more active. I can say for myself, that I have made many more friendships in beekeeping since I started editing the newsletter. Please attend the business meeting on Friday evening at 7:30 at the Holiday Inn. Also take note that the hotel the beekeepers will be staying at is the Victorian Inn. This hotel is next door to the Holiday Inn, and owned and operated by the Holiday Inn. The meeting agenda was sent out in advance, since I had to hold up this newsletter for some advertising information. Hope to see you in October.
LETTER from the PRESIDENT

A record attendance at the fair proved to be very good for the honey booth. Over 9,000 honey stix were sold. Many flavors such as lemon, grape, strawbery, and watermelon were available. It was my first experience with selling flavored stix. Over, all, it does increase sales; but it also decreases the amount of natural honey stix sold.

A few people did ask for honey ice cream. Those disappointed people were glad to hear that the dairy barn had tiger-stripe ice cream to boost the spirit of Mizzou football. Tiger-stripe is french vanilla with chocolate swirled in.

Flernoy Jones provided 2 MT beehives, an extractor, and a fully dressed manikin, complete with hive tools and smoker. This was placed on astro turf behind a white picket fence. It makes a wonderful conversation piece. Glenn Davis provided an observation hive, which contained one of his own "home-grown" queens. This queen had many of the attributes of a good queen, like color and vigor. She also had a bad attribute called shyness. She would hide on the top bar most of the last day.

Another queen was also present. Robyn DeBoard, the 1991 American Honey Queen, spent a couple of days promoting our favorite commodity.

The many volunteers concentrated their efforts on promoting honey and beekeeping. It gave our industry a chance to talk down the negative aspects of Africanized bees. One to one contact, holds much more clout, than what they hear on TV and Radio.

I am looking forward to seeing you at the Fall meeting in Cape Girardeau, where these items and many more will be discussed.

Sincerely,

Mike VanArsdall

*****************************************************************

Congratulations to Dr. Flernoy Jones on his retirement

In August 1991, Dr. Flernoy Jones retired from his position of Associate Professor and Extention Entomologist. Dr. Jones has served the University of Missouri for 27 years. In 1964 he was appointed Area Entomology Specialist at the Delta Center in Portageville, where he had primary responsibility for pest management on cotton. In 1976 he transferred to the MU campus where he had responsibilities for cotton IPM, apiculture, public health, and youth entomology. Dr. Jones' broad knowledge of entomology, and his statewide leadership for educational and management programs in apiculture and public health as well as his work with youth in the 4-H and FAA programs will be missed. In addition to his work at the University, he spent many years as Program Chairman for the MSBA. We all wish him many years of retirement, and hope that he will continue to work for the betterment of beekeeping in Missouri.
The meeting was called to order.

Larry Hensley made a motion to accept the minutes of the previous meeting, seconded by Roger Nichols. Motion passed.

A motion was made by Bill Kohne to accept the Treasurer’s report, seconded by Dr. Flernoy Jones. Questions were raised about expenses for the Ozark Empire Fair and the association’s semi-annual meetings. The question was called for and the motion passed.

Sharon Gibbons reported on advertisements for the newsletter. Bill Randall will be assisting Sharon with the advertising and has already sent letters to prospective advertisers.

Glenn Staggs reported on the raffle. A chain saw, afghan, ceiling fan, and weed blower/vacuum have been donated. This year the chain saw, afghan, and a shotgun will be given away by raffle. Costs will include $125 for 5000 tickets, approximately $200 for the shotgun, and miscellaneous expenses for mailings and phone calls.

Sharon Gibbons reported that the AgriMissouri program of the Missouri Department of Agriculture will pay for up to half the cost of having more cookbooks printed. Glenn Davis made a motion to pursue this line of financing. Sharon seconded and the motion passed.

Sharon Gibbons and Glenn Davis reported on the status of the honey bee disease and pest booklet being prepared by the Canadian Association of Professional Apiiculturists. The book is not ready.

State Entomologist Joe Franckla requested a letter from the association stating the sentiment they wished him to express regarding honey bee problems in Missouri, specifically the Africanized honey bee. It was suggested that the executive committee serve as an advisory group on any problems.

Neal Bergman made a motion to advise Joe against federal regulations and stay with the current state law. Roger Nichols seconded. The motion passed.

Jim Haulam read an article about associations presenting distinguished service awards to deserving members.

Dr. Jones made a motion to present the Beekeeper of the Year award to Sharon Gibbons, seconded by Maynard Page. Motion passed.

Glenn Staggs moved to adjourn, seconded by Roger Nichols. Motion passed.

Submitted by Jim Thaxter, Secretary, from notes taken by Glenn Staggs.
MISSOURI STATE BEEKEEPERS ASSOCIATION
Keddie, IA
General Meeting
April 27, 1991

The meeting was called to order at 3:30 by President Mike Vanarsdall.

Glenn Stagg made a motion to accept the minutes of the February Executive Committee meeting. Sharon Gibbons seconded and the motion passed.

Sharon Gibbons reported that she will apply for funding up to half the cost of reprinting the association's cookbooks from the Missouri Department of Agriculture-Agrimissouri. A local association has offered to loan money to the state association for the cookbooks. Neal Bergman made a motion to accept a loan of $1000 from Eastern Missouri Beekeepers Association for printing 500 books without state funding or 1000 books if state funding is approved. Eastern will charge 6 percent per annum interest. The motion was seconded and passed.

Sharon Waddell made a motion to raise the dues in the state association to $5 per person per year, the change to be incorporated into the association's by-laws. Neal Bergman seconded, the motion passed.

Sharon Gibbons was selected by the Executive Committee to receive the Beekeeper of the Year award at the fall meeting.

Bill Randall will serve as assistant for advertising in the newsletter. He has sent letters to prospective advertisers. Newsletters returned as undeliverable will not be remailed due to the expense. A change of address form will be included in the newsletter. Each member will be responsible for informing the newsletter editor of a change in address.

Glenn Stagg reported on the raffle. A chain saw, leaf blower/vacuum, ceiling fan, and afghan have been donated to the association for the raffle. A shotgun, chain saw, and afghan will be raffled this year. Tickets will sell for $1 each or six for $5. Local associations selling tickets will receive a 10 percent commission.

The Secretary will draft a letter to send to Joe Francka, State Entomologist, expressing the association's position on honey bee problems in Missouri.

Neal Bergman made a motion to advise Joe that the association does not support a federal regulation for apiary inspections, but would rather stay with the present state law. Roger Nichols seconded. Discussion followed. The motion passed.

Neal also made a motion to instruct Joe Francka that the current state law covers the Africanized honey bee and the state association's executive committee is available to serve as an advisory board.

Jim Haukman tendered his resignation, effective April 28, 1991. He will transfer the treasury records to Walt Sigelow by May 1, 1991. Glenn Stagg made a motion to appoint Craig Oliver as interim Treasurer until the next election with Sharon Gibbons to serve as assistant treasurer, requiring signatures of both parties on all checks issued by the association. Larry Hensley seconded. The motion passed.

Sharon Gibbons reported that the book from Canada on honey bee pests and diseases will probably be available in Missouri by May 1, 1991.

Larry Hensley reported that the fall meeting will be held in Cape Girardeau at the Holiday Inn on October 12.

Glenn Stagg made a motion to adjourn, seconded by Roger Nichols. Motion passed.

Respectfully submitted,

Jim Teaster, Secretary
HONEYBEE DISEASES & PESTS BOOKLET

The disease booklet arrived in August and has been distributed to those beekeepers who preordered. We still have about 75 booklets to sell. We will have them available at the State meeting @ $3 each, or by mail order. Please include $1 extra for postage if you wish to have your copy mailed. Orders can be sent to Glenn Davis, 1305 E.A.A Hwy., Blue Springs, Mo. 64015; or Sharon Gibbons, 314 Quinnmoor Dr., Ballwin, Mo. 63011. The MSBA makes $1.25 profit on each book. Please help your association by supporting this project, and the future raffles we will have to raise money for operating this association.

COOKBOOK INFORMATION

I received a letter September 5th from the Agri-Mo. program that our request for funding the cookbook was approved for $1000.00. I am in the process of typing the recipes for the revision now, along with help from Joanne Davis. An additional section will be included in the cookbook featuring State Fair recipes from the past five years. Boone Regional will be donating their collection of recipes from Mrs. Johnson who entered the contest for many years, and passed away last year. If anyone has entered their recipes at the State Fair in the years 1986 and 1987, please send them to Sharon.

Thanks to American Honey Queen, Robyn DeBoard for helping us promote honey at the Missouri State Fair. Unfortunately, Robyn was in an automobile accident as she returned from the Kansas State Fair, and has a broken collar bone. She will be getting a much needed rest, and will resume her Queenly "duties" in October.

STATE FAIR REPORT

We had alot of interested beekeepers and their families helping at the fair booth this year. I hope all those who helped, are included in this list.

Mike VanArsdall, Glenn & Joanne Davis, Barry Davis, Charles Wills, Truman Hardin, Jim Thaxter, Craig Oliver, William Johnson, Charles Schwartz, (and his two daughters), Sharon Gibbons, Harry Knowles, Michael Allen, Nellie Fernandez, Bob McCarty, Carol Kjelshus, Ted & Marlene Jansen, Clarence & Mildred Bopp, Clarence Vogler, Walt Bigelow, Wilber & Ellen O'Neill, Glenn Staggs, John Hartmann, Vernon Reynolds, Norman Holman, Jesse Lyons, Dr. Flenroy Jones and Bailey Brown.

FROM THE EDITOR:

I was recently sent a copy of the article about the Africanized Bee by Sue Hubbell. If you remember, Sue Hubbell is (or was) a Missouri beekeeper who has written several interesting books about life in the Ozarks, and beekeeping. She has written a wonderful article for the Smithsonian Magazine with the caption, "Maybe the 'killer' bee should be called the 'bravo' instead." The article was too long to include in this letter, but the library system should have a copy. The page number is 117 of the fall issue. Sue went to Guatemala to study first-hand the way the Latin Americans work with the "bravo" bees. I think that you will enjoy the article. I will ask Larry to run some copies for those of you who would like to have a copy, and can't find the article. Just send me enough money for the copies and postage. There are nine pages. Thanks to beekeeper Jim Watts from Springfield for sending me the article.
Swimming Pools You Can't Easily Tell To

By SONIA L. NAZARIO
Staff Reporter of The WALL STREET JOURNAL

Who said bees are always busy?

Lately, bees in Scottsdale, Ariz., have been finding time for swimming—-in some of the region’s finest residential pools.

Richard Orlove, who lives at the pricey Villas at Scottsdale Mountain Summit, estimates that he has seen about 10,000 bees buzzing around his neighbor’s pool, which he uses twice a day. The bees zip in around dawn for a couple of hours and return for a second dip in late afternoon, which locals now call “bee time.”

But bees are bad swimmers. They drown. They sink. They make a mess. Mr. Orlove has found his neighbor’s pool simmer six inches deep with dead bees.

Leo Rickhoff, secretary-treasurer of the Villas residents association, started putting out a water-filled plastic kiddie pool as a decoy. The bees didn’t take the hint. He then forked over $2,500 to seven beekeepers to track the bees to their colonies in the nearby McDowell Mountains to kill them. The beekeepers found six colonies and then gave up. Finally Mr. Rickhoff, whose wife is allergic to bee stings, drained his pool. But the bees were waiting when covers temporarily placed on neighbors’ pools as bee deterrents came off.

“The bees, of course, were in a frenzy,” says Mr. Rickhoff, who lives in the desert’s 114-degree heat.

The problem apparently goes back to this past spring when lots of moisture made the desert bloom, and bees got busy making more bees. Then drought set in, and the thirsty insects discovered the joys of swimming pools.

Residents have asked Scottsdale city officials, who already have a REACH hotline, to build pools deep in the desert for the bees. But Lois Fritz, management assistant for the mayor, says the bees aren’t the city’s business. State bee experts, who believe that battling bees is futile, say the state has 59,000 wild-bee colonies, with as many as 20 colonies per square mile.

Cheryl Gabbard, who lives in Scottsdale’s Sonoran Heights development, has partly surrendered. At first she followed beekeepers’ suggestions and tried massive doses of chlorine in her pool, then algaecide. She hung lures laced with honey on trees in the desert. She even hauled four large, water-filled metal tubs into the desert. Finally, she sacrificed her hot tub to the insects, even putting a permeable cloth cover over it so the bees can luxuriate without drowning. Now they usually leave the pool for her. Nevertheless, she says, “I’m praying for rain.”

Thanks alot

Abby!

If it’s any consolation, the honeybee stings only once and then it dies. I’m no lawyer, but I think you have a honey of a case against your beekeeping neighbor.
Geoff Fields, Hils Summit, Mo.
314-989-4202. Will travel statewide.
To reduce or gain business, contact me at
behaves without this fall. If you are planning

Classified Ads:

Robert Wells, Assistant State Appraiser

The value of a property is determined by its use. If a property is not being used to its full potential, its value can be increased by converting it into a more profitable use. This can be done by adding features such as a new garage or a deck. The value of a property can also be increased by improving its appearance, such as by landscaping or painting the exterior. If you are interested in increasing the value of your property, please contact me for a free consultation.

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leaves of home

Tea in America

Tea is one of the most popular beverages in the world. It is believed to have originated in China and was introduced to Europe in the 17th century. Tea is typically made by steeping leaves, twigs, or flowers in water. There are many different varieties of tea, each with its own unique flavor and aroma. Some popular types of tea include black tea, green tea, oolong tea, and herbal tea. Tea is enjoyed around the world and is often served with meals or as a snack.

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Formal Aid for M/C Control

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AIP Volume 5 Number 4 1961

ISSN: 0009-3907

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The expansion of the internet has made it easier than ever to find information on any topic. With the vast amount of information available online, it is important to be critical when evaluating sources. Some websites may be biased or inaccurate, and it is important to verify the information before accepting it as true. It is also important to be aware of the potential for disinformation, as some individuals or organizations may spread false information to manipulate public opinion. When researching a topic, it is important to consult multiple sources and to critically evaluate the information presented. By doing so, you can ensure that you are making informed decisions based on accurate information.
NASHVILLE

GET READY FOR

...
ANTIBIOTIC EXTENDER PATTIES

Antibiotic extender patties are a means of feeding bees terramycin for prevention and control of American and European Foulbrood. They are a method of administering the antibiotic which lasts longer than feeding terramycin in dust or syrup. To make the patties mix the TM thoroughly with the granulated sugar. Then add the Crisco (do not use animal fat) and knead to blend until evenly mixed. Make into half-pound patties. (Do not melt shortening, the heat will damage the TM.) Place patties on a sheet of wax paper directly over the cluster.

If the bees have brood in two brood chambers, place the patties between the two brood chambers. If they have brood in only one chamber, place that chamber on the bottom with the patty above the cluster and the empty box on top. Use one patty in the spring and another in the fall after removing surplus honey.

Four formulas for making antibiotic extender patties are described. Use the one most suitable for the number of patties you wish to make. All can be increased if the ingredients are kept in the same proportion.

### 2 Patties
- 1/3 lb. Crisco
- 2/3 lb. granulated table sugar
- 2 tablespoons TM-25

### 6 Patties
- 1 lb. Crisco
- 2 lb. granulated table sugar
- 6 tablespoons TM-25

### 20 Patties
- 3 lb. Crisco
- 6 lb. granulated table sugar
- 6.4 oz. (1 pack) TM-25

### 100 Patties
- 16 lb. Crisco
- 32 lb. granulated table sugar
- 1 lb. TM-50

or
- 2 lb. TM-25

**Terramycin Dust**

Mix one part TM-10 to two parts powdered sugar

Mix one part TM-25 to five parts powdered sugar

Mix one part TM-50 to ten parts powdered sugar

Prepare the mixture by volume, not weight (for example, with TM-25 mix one measure of TM-25 with five equal measures of powdered sugar). Dust the mixture on the top bars around the perimeter of the brood nest. Use two tablespoons per feeding. Feed three times in the spring, seven days apart, and twice in the fall after removing surplus honey. Stop treatment in the spring three weeks prior to the addition of the first surplus honey super.

To treat one colony, one time, mix one level teaspoon of TM-25 with five teaspoons of powdered sugar.

This mixture is effective in preventing both American and European Foulbrood.

Marion Ellis
Nebraska State Apiarist
IF YOU DON'T PROTECT YOUR BEES FROM VARROA MITES NOW, YOU'LL PROBABLY GET STUNG LATER.

Until now, you may have thought you had to choose between guaranteeing your bees' health and ensuring honey purity. But there is a solution. APISTAN® Strips, the only EPA-approved treatment for Varroa mites. APISTAN has been proven to be 99.8% effective in eliminating Varroa mites. Yet, it leaves no residue in honey. It's even easy to use. The sturdy, self-hanging design lets you install APISTAN Strips without locks or nails. So to protect your bees and your honey, there's only one answer: APISTAN Strips, pure and simple. For more details, call 1-800-527-0512.

Call 1-800-527-0512 for more information. APISTAN is sold by Zocon Corporation, a Sundance Company, 12200 Denlow Drive, Dallas, Texas 75234. APISTAN is a trademark of Sundance Ltd. Always read the label before using the product.
Are You Ready for This Years Honey Crop?

Stainless Steel Honey Extractors

**Junior Bench Extractor**—Stainless steel hand powered. Capacity 2 frames up to 5 deep maximum per load. SS extracting basket and new SS top assembly. Piano style continuously hinged lid. Easily converts to 120-lb storage container (frames must be removed and turned to extract both sides). 1½" plastic honey gate included. Tank 204 SS, 14" dia x 23½" ht. All extractors should be anodized when not in use. We recommend M00391 stainless steel stand (sold separately).

**Little Wonder Extractors**—Top quality tangential extractors. Extract 4 - 9½" frames or shallow frames per load. All welded tank of food grade stainless steel houses the stainless basket. Frames must be turned to extract both sides. Turn shallow frames within basket; deep frames must be lifted out to reverse. Hand models are gear driven by quiet, durable electric motors. Power models employ a direct drive motor with an electronic speed controller which automatically adjusted 110 volt operation. All internal components are built to last. Convertible into a 500-lb storage unit. Comes complete with 14½-gallon Tank & Cap, 24½" ht. Stand sold separately.

The Small Honey Producers Dream — A Great Value!

**Plain 10" (254mm) Knife**—For smaller operators with only a small amount of uncapping to do. Keep one in pan of hot water while pre-heated knife is being used. Each, wt 2 lbs 4 oz (91 kg).

**Electric Knives**—Just plug them in and you are ready to start uncapping. High quality blade of 10" (254mm) long by 2½" (63mm) wide. Guaranteed for one year by manufacturer, with adjustments made direct with the factory.

**Strainer Screens**—Aluminum screens hook over tank rim and nest inside tank.

The LIQUIDATOR — 4 units in 1

- Uncapping/Capping Drain Tank
- 1-Can Liquefier (60# Containers)
- Wax Melter
- 175# Bottling Tank

The LIQUIDATOR and an extractor are the only equipment necessary to process and package your entire honey and wax crop. The LIQUIDATOR, a great companion for your Junior Bench. Little Wonder, or Ranger extractor was developed specifically for hobbyist beekeepers. Save time, labor, and mess with the LIQUIDATOR.
HONEY??

One of our members sent us an advertisement from Amstar Sugar Corp., touting a new product called Domino's Quick-Flow Honey Granules. Their ad bragged up honey used back to the Greek and Roman bakers and how it enhances the end product, etc. I sent the ad to the National Honey Board and Bob Smith's reply was that they had checked out this product and found that it contained 8.29% honey on a dry basis. He further states, "It is apparent that this product is not "honey," It also contains cane sugar syrup and liquid brown sugar. We will review the legality of calling this type of product honey."

We sent a bag of Eilleins Honey Lemon Cough drops to the National Honey Board and they sent them to Thomas J. Payne Market Development and on to Linda Adams, a Food Technology. She in turn contacted F & F Laboratories and a research specialist that admitted that they did not have to put honey or lemon in their product to call it "Honey Lemon"; it's not illegal. The FDA said they did not have any regulations for this situation, you wonder how many products on the market fall into this category. Eilleins Honey Lemon cough drops do not contain any honey!

I give you these two examples of what the National Honey Board can do. Putting out slick ads, magazine articles and movies is a small part of their work. Doing the leg work and research on items as small as the ones they did for me is a large part of the Honey Board's work. Everything pertaining to honey is looked at, looked over, looked into, looked under, researched, checked and re-checked. We in the honey industry are fortunate to have people like this working for us.
**Class 10 -- 3 entries**  
**Class 11 -- 4 entries**  
**Class 12 -- 6 entries**

Number of entries in each class:

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Total Prize Money:

- **$360.00**
- **$680.00**
- **$250.00**

Total Premium Money Given Away:

- **$360.00**
- **$680.00**
- **$250.00**

**Class 16 -- 1 entry**  
**Class 17 -- 2 entries**  
**Class 18 -- 5 entries**  
**Class 19 -- 3 entries**  
**Class 20 -- 2 entries**  
**Class 21 -- 9 entries**  
**Class 22 -- 4 entries**

Number of entries in each class:

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Total Prize Money:

- **$67.00**
- **$210.00**
- **$357.00**

Total Premium Money Given Away:

- **$67.00**
- **$210.00**
- **$357.00**

**Congratulations to Individual Grand Champion:**

Paula Hamilton, Windsor
Honey Cookery: Midwestcst Beekeepers Assn.

Group Compositions:

**Barry Davis - Blue Springs**

**Congratulations to Individual Grand Champion:**

1996 MISSOURI STATE FAIR HONEY JUDGING
REGISTRATION

IS YOUR BEES-SAVVY READY FOR A HONEY BEE CERTIFICATION WORKSHOP?

NATIONAL HONEY BEE CERTIFICATION WORKSHOP

USDA - NASSA

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Additional detail:

- Location: St. Louis, Missouri
- Date: October 24-26, 1991
- Time: 8:00 am to 5:00 pm

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Additional content:

- Discussion on the importance of honey bee certification
- Workshop on the practical aspects of beekeeping and honey production
- Networking opportunities with other beekeepers and beekeepers professionals

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Contacts:

For more information, please contact your local USDA-NASSA office or visit their website.
MISSOURI STATE BEEKEEPERS ASSOCIATION  
FALL MEETING - OCTOBER 19, 1991  
HOLIDAY INN-CAPE GIRARDEAU  
I-55 & WILLIAM ST. (RT. K)  
CAPE GIRARDEAU, MO.  

PLEASE REGISTER EARLY. IT IS IMPORTANT THAT WE HAVE OUR ATTENDANCE COUNT AS EARLY AS POSSIBLE. LUNCH AND MEETING REGISTRATION IS $8.50. MEETING REGISTRATION ONLY IS $2.00. PLEASE SUPPORT THE ASSOCIATION BY ATTENDING THE LUNCH, THIS ENABLES US TO GET THE MEETING ROOMS WITHOUT PAYING RENT.  

A.M.  
8:30 - 9:00 REGISTRATION  
9:00 - 9:05 MEETING CALLED TO ORDER - MR. MIKE VANARSDALL, PRESIDENT  
9:05 - 9:15 INVOCATION & WELCOME  

9:15 - 10:00 "SIDELINE BEEKEEPING: HOW TO MAKE MONEY", BY MR. EDWARD MASON. ED IS A TERRITORY MANAGER WITH DUPONT CHEMICAL CO., AG PRODUCTS, LOCATED IN JONESBORO, ARK. HE RECEIVED HIS BS DEGREE FROM THE UNIVERSITY OF ARKANSAS IN 1969 IN ENTOMOLOGY. HE IS A SIDELINER BEEKEEPER WITH 1,000 + HIVES.  

10:00 - 10:30 BREAK  

10:30 - 11:15 "CONTROLLING MITES BY USING QUEENS", BY BOBBY KOY. BOBBY IS A COMMERCIAL BEEKEEPER LOCATED AT BROOKLAND, ARK. HIS OPERATION IS A FAMILY BUSINESS THAT RUNS ABOUT 4,000 TO 5,000 HIVES.  

11:15 - 11:45 HONEY BOARD UPDATE BY SHARON GIBBONS.  
11:45 - 1:15 BUFFET LUNCH (TERRACE) SEE SIGNUP FORM FOR DETAILS.  
1:15 - 1:45 "INTERACTION BETWEEN HONEYBEES AND PESTICIDES", BY EDWARD MASON.  
1:45 - 2:30 "GADGETS AND ?", BY NEAL BERGMAN. NEAL IS AN ACTIVE MEMBER OF THE MISSOURI STATE BEEKEEPERS ASSOCIATION FROM KENNETT, MO. NEAL IS A COMMERCIAL BEEKEEPER WHO OPERATES 2,000 HIVES IN SOUTHEASTERN MISSOURI.  

2:30 - 3:00 BREAK  
3:00 - 3:30 MR. JOE FRANKA, UPDATE OF MITES AND TREATMENT.  
3:30 - 4:00 BUSINESS SESSION  
4:00 -  

ATTENDANCE PRICES AND ADJOURNMENT  

EVERYONE IS INVITED TO ATTEND THE EXECUTIVE BOARD MEETING AT 7:30 P.M. ON FRIDAY, OCTOBER 18, 1991 AT THE HOLIDAY INN.  

WE HAVE FORTY (40) ROOMS RESERVED AT THE VICTORIAN INN, WHICH IS NEXT DOOR TO THE HOLIDAY INN, AND OWNED BY THE SAME COMPANY. THE RATE IS $45.00 + TAX PER ROOM FOR 1-4 PEOPLE. THE PHONE NUMBER IS 1-800-331-0445 FOR MISSOURI RESIDENTS. DON'T forget to identify yourself as a member of missouri state beekeepers association. the victorian inn has a complimentary continental breakfast served daily, indoor pool. free daily newspaper and satellite tv and showtime movies. the motel is located next door to a large shopping mall for those spouses who want to go shopping during the meeting.  

The rooms will be held until two weeks before the meeting. call now and use your credit card to guarantee the room if you are going to arrive after 6:00 p.m.
Thanks to us, bears are being sighted in more homes, restaurants and supermarkets than ever before.

When it comes to spreading the good news about honey, look to the National Honey Board. Your investment in our promotions and education programs has resulted in:

- Over $3 million in publicity for honey & beekeeping in 1990
- An increase in retail sales of honey
- Last year's introduction of 279 new honey products
- Foodservice operators getting tools to increase honey usage

Count on us to continue promoting honey's good name. It's a task we're more than happy to bear.

Larry Draper will bring beekeeping supplies to the Fall meeting at Cape Girardeau. Space limited first come, first served. Call (402) 274-3725 or write: Draper's Super Bee, Rt. 3 Box 87, Auburn NE 68305
ADVERTISING INFORMATION

MSBA is published 4 times per year, with an average mailing of 460 newsletters.

Advertising requests should be sent to:

WILLIAM RANDALL
Rt. 1, Box 32
AUXVASSE, MO 65231

ADVERTISING RATE

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<td>Business Card size</td>
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<tr>
<td>Quarter page</td>
<td>25.00</td>
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<td>Half page</td>
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<tr>
<td>Full page</td>
<td>75.00</td>
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</tbody>
</table>

Classified ads, per 30 words:

- MSBA member: $2.00
- Non-member: 3.00

CHANGE OF ADDRESS

If you are moving or receiving more than one copy of MSBA newsletter, please let me know immediately.

NAME__________________________________________
ADDRESS_______________________________________
CITY___________________________________________
STATE____ ZIP_________

Send changes to: Sharon Gibbons, 314 Quinmoor Dr., Ballwin, Mo. 63011.
We no longer can afford to send out returned newsletters by 1st. class mail. The cost to reissue a newsletter that is returned for incorrect address is $.95.

1991 MEMBERSHIP DUES

Notice to Local Beekeeping Clubs: if any of your members have not paid 1991 dues, their name has been removed from the mailing list. We have had a change in Treasurers, so if a mistake has been made, please contact Sharon or Craig Oliver. The dues have increased to $5.00 for the year. Please send dues and information to: Craig Oliver, 210 W. 7th, Fulton, Mo. 65251

1991 MSBA OFFICERS

President: Mike VanArsdall, 214 Santa Fe, Sibley, Mo. 64088, (816)-249-9653
Vice-President: Glenn Davis, 1305 E. AA Hwy, Blue Springs, Mo. 64015, (816)-229-2972.
Program Chairman: Larry Hensley, 13520 Old Jamestown Rd., Florissant, Mo. 63033, (314)-355-6935
Secretary: Jim Thaxter, Rt. 4, Box 60E, Moberly, Mo. 65270, (816)-263-2694
Treasurer: Craig Oliver, 210 West 7th, Fulton, Mo. 65251, (314)-642-0241
Editor: Sharon Gibbons, 314 Quinmoor Dr., Ballwin, Mo., (314)-394-5395

BOARD MEMBERS

Charles Wills, 630 S. Newton, Springfield, Mo. 65806 (417)-866-6002
Glenn Stagg, HCR 35 Box 4, Rolla, Mo. 65401
Roger Nichols, 8754 E. 83rd., Raytown, Mo. 64138 (816)353-1963
Neal Bergman, P.O. Box 591,Kennett, Mo. 63875
REGISTRATION

NAME______________________________ ADDRESS______________________________

CITY_________________________ STATE____ ZIP____ PHONE__________________________

LUNCH AND MEETING REGISTRATION:
NO. IN PARTY______ AT $8.50 EACH = $__________________________

OR MEETING REGISTRATION ONLY:
NO. IN PARTY______ AT $2.00 EACH = $__________________________

BUFFET SERVER ON THE TERRACE.
FRIED CHICKEN, KETTLE BEEF, POTATOES, VEGETABLES, TOSS SALAD
POTATO SALAD, FRESH ROLLS, ICED TEA & COFFEE, DESSERT.

MAKE CHECK PAYABLE TO MISSOURI STATE BEEKEEPERS ASSOCIATION
MAIL TO: LARRY HENSLEY
13520 OLD JAMESTOWN ROAD
FLORISSANT, MO. 63033
(314) 355-6935.

MISSOURI STATE BEEKEEPERS ASSN.
314 QUINNMOOR DRIVE
BALDWIN, MO. 63011

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Address Correction Requested