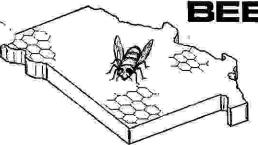
MISSOURI STATE BEEKEEPERS ASSOCIATION



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VOLUME # 16

QUARTERLY MERSLEITER JUNE 1978

NUMBER 2

DEAR BEEKEEPING FRIENDS.

A very successful Spring meeting was held Saturday, March 18, at Columbia, Missouri. The University of Missouri Agriculture Department again opened their doors for us. Guest speakers for the day were Mr. Glen Gibson and Dr. Richard Taylor. Mr. Gibson is Executive Secretary of the American Honey Producers Association of Minco, Oklahoma. He gave us an update on the Honey Association's activities in Washington. Dr. Richard Taylor, author of several books on beekeeping and "Bee Talk", a regular column in Gleanings in Bee Culture, gave a summary account of his "leave alone" beekeeping system. The meeting ended with a generous distribution of door prizes.

* * * * * *

OUR BEE LAW IS FINALLY A STATE LAW!!! Governor Teasdale signed the Senate Bill # 683 into law in late May. Witnessing the signing were Senator Nelson Tinnin, Representative Sam Doutt, Mr. Jay Tohtz, Mr. Jim Robins, Mr. Lester Barrows and Mr. Joe Francka. Four pens were used in the signing and these were presented to Mr. Jay Tohtz, Mr. Jim Robins, Representative Sam Doutt and Senator Nelson Tinnin. We wish to take this opportunity to thank these gentlemen and many others who have given of their time and efforts in support of this law. Much time, energy, travel and money went into the passage of our much needed Bee Law. Thank you, Gentlemen. It is appreciated.

* * * * *

Mr. Joe Francka, State Entomologist for the Missouri State Department of Agriculture, and his staff are currently working on a set of workable rules and methods to put our new Bee Law into application. The Law will become effective on January 1, 1979. The Executive Board will meet in August to review and advise Mr. Francka and his staff in this. All Executive Board Members and all local representatives are asked to be at this meeting as there are other matters to be taken into consideration at this time. Officers and each local association will be notified later regarding time and place of this meeting. Again, all involved are asked to make the extra effort to be there.

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MISSOURI STATE BEEKEEPER'S SPRING MEETING
March 18, 1978 at Columbia, Mo. Missouri University Agriculture Building

Call to order by President Jay Tohts

Benediction by Vice Pres., Chas. ills

Welcome by Dr. Wayne Atkins and Dr. Flernoy Jones who informed us of progress being made to establish crodit courses in beekeeping on the campuses at Marysville, Springfield and Columbia.

After introduction of State and Local Officers, Glen Gibsch, Executive Secretary of the American Honey Producers Assn. reported on the Status of the Pesticide Indemnity Program and Federal Lobby efforts to obtain subsidies and research funds for the study of soybean pollination, while answering questions from the floor, Mr. Gibson informed us that an office set-up in the Oklahoma Dept. of Transportation, was deeply concerned and helpful in the preservation of nectar bearing plants beyond bloom. In view of overall Federal policies it is quite likely the Mo. Transportation Dept. has a similar office set-up.

Dr. Richard Taylor (Author of How-to-do-it Book of Beekeeping, The Joys of Beekeeping, How To Raise Beautiful Comb Honey, Bee Talk, With Heart and Mind, Good and Evil, and numerous magazine feature articles) spoke on "How to Make Sideline Beekeeping Pay". Dr. Taylor explained that the crux of the sideliner's beekeeping endeavors should be "to raise as much honey as he could in the time available." He should avoid gadgets, strive for simplicity, uniformity and economy in his equipment.

Then, if he marketed his honey at retail, the sideliner could make his beekeeping efforts quite profitable. Although Dr. Taylor advocated a "let-alone" policy for the sideliner compared to the hobbyist system of almost daily meddling and manipulation of his one or two hives, Dr. Taylor would not condone the most efficient operation he had observed. In that instance the beekeeping gentleman tramped down the weeds while putting on a super in the spring and returned in the fall to take it off--Efficiency, par excellency--but hardly good beekeeping!

SO: Do what is NECESSARY to do. Do what it PAYS to do.

But DO NOT DO what it DOES NOT PAY to do. Dr. Taylor's slides illustrated his system of marketing via unattended roadside stand. His overhead is low. His "Honor Box" backed up with a "Thou shalt not steal" sign collects the money with very little loss from theft. Everything is in plain view from his house!

Break For Lunch.

Joe Francka, State Entomologist, explained facilities and opportunities available at the Mo. State Fair (Aug. 17-27) to sell honey and promote the good aspects of beekeeping. He recommended that Association members exhibit honey for competition, and furnished condensed lists covering the Bee Culture Section. Persons who think they might be interested should write to Mo. State Fair, Box 111, Sedalia, Mo. 65301 and ask that their names be put on the mailing list to receive a Premium Book when they are made available after June 1.

Roger Nichols, who was appointed State Fair Chairman at the Columbia Executive Meeting Feb. 25th, reported on that meeting and moved that the general assembly accept the recommendations of the Executive Committee to display and sell honey as outlined. Second by Waldo Magers.

After floor discussion, during which Roger and Joe Francka answerd questions, the motion to display and sell honey (as suggested) was approved unanimously.

In essence:

- 1. Each Local Association is expected to encourage its individual members to have entries in the Boe Culture Section.
- 2. Good quality Missouri honey will be bottled by George Vanarsdall under a temporary State Association label and delivered to Sedalia at bulk honey price plus cost of jars. George will then buy back any honey returned to him after the Fair.

A. Each Local Association will be obligated to furnish personnel for the sales booth for 1 day.

B. The National Honey Queen has been invited to assist in our promotion the first week-end (Aug. 19 & 20).

President Jay Tohtz reported on progress of the various Senate and House Bills concerning the proposed Bee Laws. He requested that the membership get in touch with Senators and Representatives.

Motion by Jim Robins for a Resolution to endorse recommendations being made by the American Honey Producers that funds be made available to continue the research in pollination of soybeans. Second by Chas. Wills. Carried Unanimously.

Motion made to join the American Honey Producers Assn. Second by Truman Hardin. During discussion Ammending motion made by Joe Maher to authorize \$50.00 for membership fee received a second, but before vote could be taken another ammendment to the first ammendment sought to make this an automatic renewal in future years. After discussion the second ammendment failed of passage. The original motion to join and first ammendment to authorize \$50.00 for 1978 membership fee was carried unanimously.

Chas. Wills led the general discussion on present and future usage of our new seal. A show of hands indicated continued interest and confidence in the committee"s procurement of shoulder patches and bumper stickers.

Dr. Taylor's talk on "How-to-Raise Beautiful Comb Honey" explained his system of working with the bees rather than trying to force them. He admitted to unintentionally coining the word "padgening" when describing an Englishman's method of augmenting swarms with field bees of the parent colony. His explanation of "shook swarming", "radical shook swarming" and "double shook swarming" make comb honey production sound easy; especially with the Cobana system. Dr. Taylor told how Dr. Zbikowski, by inventing the Cobana system has provided beekeepers with an ideal means for producing comb honey. He called attention to the Round Comb Section demonstration by the Papio Valley Honey Co. in the hallway and to the Ross Round Comb Section Super donated for a door prize by his friend Tom Ross who has vigorously promoted the Cobana system for many years and to whom he dedicated his book "How-to-Raise Beautiful Comb Honey."

In Dr. Taylor's opinion, the round section combs will completely dominate the section comb honey market within a few years.

Buzz Session by Dr. Taylor and our own Carl Kalthoff to whom the Doctor dedicated his "How-to-do-it Book of Beekeeping".

(Secretary's Note: My tape recorder would record the answers, but could not quite hear the questions from the floor. Therefore, I'll only report that the Buzz Session was both informative and interesting.)

Fall Meeting--Kirksville--October 28, 1978

Door Prizes and Adjournment.

Chester Crain, Secretary

FINANCIAL REPORT

Total

March 17, 1978

Balance on hand 10/20/77 Deposits 11/12/77 12/20/77 3/1/78

\$ 1020.02

* 75.50=\$38.00 dues + 393.71=388.00 dues 520.21

51.00

520,21 \$1540,23

Checks 10/11/77 Wayne Weeks-Beekeeper Plaque 25.19 10/21/77 10/29/77 Best Western Meeting Room 10,80 Henry Boeckman-Prize (Emblem) 25.00 10/29/77 Sue Nichols-Prize (Emblem) 15.00 10/29/77 10/29/77 10/29/77 Sue Moser-Prize (Emblem) 10.00 Chas Wills-Postage and telephone 25.00 Hartman Honey House-Door Prizes 27.23 10/29/77 11/21/77 12/29/77 J. F. Maher-Postage and Telephone 7.11 Chester Crain-Postcards 15.39 Jim Martin-Mailing 40.00 1/24/78 2/ 9/78 2/15/78 Jim Martin-Mailing 4.88 Roger Nichols-Letterhead and stamps 38.00 Midwest Duplicators-Stationery 110.27 2/20/78 Roger Nichols-Gum Labels 5.20 2/26/78 J. F. Maher-Coffee at Columbia (Fair Board) 3.13 J. F. Maher-Cash-C. Crain Postage 2/26/78 1.80 2/26/78 Truman Hardin-Telephone-Copies-Postage 44.12 Postoffice-Mail Privilege(\$40.00) 3/ 1/78 Advance Postage (\$25.00) 65.00 3/8/78 M. D. Curtis Printing-Letterhead 49.30 522.42

Balance on hand 3/17/78

* \$37.50 Refund from Lincoln University-Deposited Dec. 20, 1977-due to no damage to University Property. University Fee Originally \$112.50. + \$5.71 Refund from Mailing Permit at St. Louis.

Joe Maher, Treasurer

Due to the expense of getting good speakers for interesting meetings, it is essential that all members pay their dues promptly at the beginning of each calendar year. If you have not paid your 1978 dues, please do so immediately. Dues for the year are \$3.00 unless paid through your local association, then they are \$2.00.

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MISSOURI STATE FAIR COMMITTEE REPORT

The Missouri State Fair will be held this year from August 18 thru the 27. Our Association has voted to rent booth space and sell honey bottled and purchased from George Vanarsdall, Sibley, Mo. The booth will be located in the Agriculture Display Building. Glorianne Glawe, American Honey Queen, will be present the first weekend, August 19-20 to help promote Missouri honey.

In order to make such a venture successful we are asking each local association to take one day of the Fair and send people to Sedalia to man the booth. At least two people would be needed. It would be possible for some of the smaller associations to work together with one member from each.

So that I may co-ordinate the schedules, it will be necessary to advise me (Roger Nichols, 8754 E. 83rd St., Raytown, Mo. 64138, phone number 816-353-1963) no later than July 15, who will be representing your association and when thay can come. I will have to accept time preferences on a "first heard from" basis. If possible, please give me an alternate day. It is also important to remember that if you make a commitment and do not keep it, the Missouri State Beekeepers Association will have to hire someone to work that day and this will cut into our profits.

We are asking beekeepers to attend this booth so we will have sales people qualified to answer questions and impart information on bee. keeping. As soon as all details are final, I will contact those who agreed to help us and give them "upon arrival" instructions. A booth co-ordinator will be available on all days of the fair so there will be someone to relieve you for lunch and give you some time to see the fair exhibits.

Any one having unusual or old bee equipment that we could display at the Fair, please let us know this too.

Our request for help is not limited to only those members affiliated with a local association but is also extended to all Missouri State Association members.

For those members wishing to enter the honey display portion of the Fair, entry books are available from Mo. State Fair, Box 111, Sedalia, Mo. 65301. This book gives more detailed information on the individual catagories of honey, comb, and bees. There is also information on the various honey cooking catagories. All entries will need to be at the Fair and in place by Thursday evening, August 17, at 7:30 p.m. and will have to be removed by Sunday, August 27, after 4:00 p.m. the last day of the Fair. For those who can not pick up their honey that day, it can be stored for a short period of time. Arrangements of this kind will have to be made prior to the Fair with myself or Joe Francka, State Entomologist, Mo. Dept. of Agriculture, P. O. Box 630 Jefferson City, Mo. 65102.

Don't forget to mark your calendars now for the Fall meeting of the Missouri State Beckeepers Association to be held in Kirkwood, Oct. 28. Additional information regarding time, place, accomadations and directions will be in the Fall letter. Good program in the planning!!

It is with deep regret that we report the death by car accident, of Jim Robins' seventeen-year-old son this past May. Jim is a commercial beekeeper from the Kennett, Mo. area and has worked overtime on the Bee Law for the past two years. Our hearts and prayers go out to Jim and his family.

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The Midwest Bee Disease Clinic, held recently in Springfield, Illinois, was an informal seminar featuring many outstanding speakers. The Springfield area had suffered a sever ice storm the previous week and attendance was not up to expectations. All speakers were able to attend, however, and the many Missouri beekeepers present enjoyed and benefited from all the expert information.

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Mr. & Mrs. Charles Wills and Mr. & Mrs. Ken Cobb, both couples from the Springfield area, recently spent several days manning a honey booth at Silver Dollar City. It was the annual Spring Craft Festival Days and all items had to look like old time wares. All the honey was packed in pint and quart fruit canning jars. Mr. Wills reported a large turnout in spite of some rainy weather over the twelve days of the festival. Helping to keep the people interested were two observation hives and a honey sample jar with coffee stir-sticks for individual tasting. "How many times have you been stung?" was the most frequently asked question, said Wills.

* * * * * *

Don Taylor, a beekeeper from Herculaneum and former Program Chairman of Missouri State Beekeepers, has created a delicious Honey Pumpkin Cake he would like to share with us. Don's beekeeping activities and some other of his favorite honey recipes were recently featured in the food section of his local newspaper.

HONEY PUMPKIN CAKE

1 pkg. Duncan Hines Spice Cake Mix
1/2 tsp. cinnamon
1/2 cup honey
1 can (1 lb.) pumpkin
1/3 cup oil (Crisco)
3 eggs
1/2 tsp. cinnamon
1/2 tsp. cinnamon
1/2 tsp. cinnamon
1/2 tsp. cinnamon
1/2 cup chopes
1/2 cup chopped pecans

Blend at low speed until completely moistened, about 2 minutes. Beat 2 minutes at medium speed. Pour into an oiled and floured Bundt pan. Bake at 350° for 40-50 minutes, until the center springs back when touched lightly.

FROSTING

1 box powdered sugar 1/2 stick margarine 4 oz. cream cheese 2 Tbls. Honey

3 drops vanilla extract

Blend until creamy spreading consistancy and put over the crown of Bundt cake. Place a pecan or walnut on each section for decoration if desired.

The following registered letter was received by the editor. We publish it here for your consideration.

April 19,1978

Mr. Chester Crain, Secy. Missouri State Beekeepers Association 1216 West 38th St. Kansas City, Mo. 64111

Dear Mr. Crain:

Certified Letter #879369

A motion is hereby made that the following proposed changes in the By-Laws be published in the next news letter in order that they be voted on in accordance with the By-Laws of the Missouri State Beekeepers Association.

1- The membership shall be made up of:

(a) Regular or Family Membership

(b) Associate Membership

2- The Regular or Family Membership shall be limited to those owning or controlling not more than 49 hives.

3- The Associate Membership shall consist of those owning or controlling 50 or more hives.

4- Each membership shall be entitled to one vote.

5- Only the regular or family member shall be entitled to hold elective

6- The Associate members shall have one member on the Executive Board.

Motion made by: James A. Martin signed

Motion seconded by: _ Um. McB. Garcsche signed

QUESTIONS AND AT LEAST ONE ANSWER.

WHAT IS THE BEST TIME OF DAY TO SPRAY WITH TOXIC SPRAYS FOR FRUIT TREES OR VEGETABLES IF I MUST USE A TOXIC SPRAY?

It is best, of course, to find a spray that is not toxic or at least does minimal damage to the bees. For fruit trees the best time to spray is before the blooms open and again after the petals fall. Vegetable spraying, such as for corn, squash, melons, cucumbers, and such, is best done in the late evening. Most of these vegetables shed pollen early in the day and are not particularly attractive to the bees after 4 or 5 in the evening.

HOW CAN I PREVENT A LARGE KILL OF MY BEES IF MY NEIGHBOR IS USING A TOXIC SPRAY?

Ask your neighbor to let you know when he is going to spray, then cover your bees with wet burlap bags and keep them wet all day. This will keep the bees in the hive and they will still be kept cool. You might also ask your neighbor not to spray on windy days as drifting spray can kill your bees even if they are not on whatever is being sprayed.

THE LAST SWARM I CAUGHT WAS HARDLY WORTH THE EFFORT. WHY WOULD A COLONY SWARM IF IT COULDN'T PRODUCE MORE BEES THAN THAT?

What you caught was probably not a prime swarm but rather an after swarm. When a colony swarms, the old queen will leave with about half the bees. She leaves behind about half the bees and several queen cells. When a new queen hatches she will go through the hive and destroy any other queens. She does this by chewing a hole in the queen cells, backing into them and stinging to death any other unhatched queen. Then she will go on a mating flight and become the ruler of the colony. This is the natural order of things in the hive. However, as in all things of nature, the natural order is not always observed. Occasionally a newly hatched queen will not destroy the other queens while still in their cells. Then when she goes on a mating flight some of the bees will go with her. This is a small swarm and is called an after swarm.

ONE OF MY COLONIES SWARMED. I HIVED IT O.K. BUT THE BEES LATER RETURNED TO THE ORIGINAL COLONY, WHY?

Perhaps the queen was crippled or her wings were clipped or for some other reason she could not fly out with the bees when they swarmed. As soon as the bees descovered she was not with them they would have returned to her.

WHY WOULD A SWARM CAUGHT ELSEWHERE NOT STAY HIVED?

Again, perhaps for some reason the queen was not with them. Another reason would be if there was a bad odor to the hive or it was too hot or too small. If you can, at the time of hiving a swarm, give them a frame of old drawn comb or even a frame of uncapped brood from another colony. This will help to insure their staying.

IF I FIND QUEEN CELLS IN A HIVE DOES THAT MEAN THOSE BEES HAVE THE SWARM INSTINCT?

The presence of queen cell cups in the hive does not necessarily mean swarming unless there are eggs or larvae in them. Often during the swarm season bees will build queen cells but will tear them down again. Swarming depends mostly on the season and crowding conditions in the hive.

ARE MY HIVES LIKELY TO SWARM AFTER THE HONEY FLOW?

Bees will usually not swarm after a honey flow. If they do swarm they will weaken the original colony to the point that it may not survive the winter. The swarm itself is not likely to winter over.

WILL I BE ABLE TO GET ANY HONEY FROM A COLONY THAT SWARMED?

Hive the swarm and place it on the stand of the original colony. Take some of the brood out of the original colony and give it to the swarm. Then move the old colony away a short distance and let them hatch out a new queen and establish a new colony. In this manner most of your field bees, the hatching brood and your swarm bees will be making a crop of honey while the old colony will be establishing a new colony.

CAN ANYTHING BE GAINED BY UNITING SWARMS?

Uniting two or three swarms at the beginning of a honey flow can provide a colony that is strong enough to produce surplus honey. A swarm by itself probably would not. Be careful not to make them too strong or they may swarm again.

WHERE SHOULD I LOOK TO SEE IF MY BEES ARE BUILDING QUEEN CELLS?

If your bees are crowded and are preparing to swarm, the most common place to find queen cells is at the bottom of the frames in the top hive body. If your colony is in only one hive body they will be located on the bottom of the frames directly above the bottom board. These cells look like a large peanut shell and are called swarm cells. A supercedure cell is the same as a swarm cell but is almost always found on the side of the comb. It is to replace a queen that has failed in her egg laying procedure. The bees can determine when a queen is not acting right or laying eggs as she should. They will then start supercedure cells and kill off the old queen.

DO I REALLY NEED A QUEEN EXCLUDER BETWEEN THE BROOD CHAMBERS AND THE HONEY SUPERS?

The queen excluders will prevent the queen from entering the supers and laying eggs in them. It is not very pleasant to uncap super frames for honey extraction and find larvae and pupae there instead. The bees will store pollen in the cells near the brood and if you have a queen laying in the supers you will have pollen there too. While the pollen is not harmful and is even sold in health food stores, it does not improve the appearance of your extracted honey. In a jar of honey bits of pollen appear as bits of dirt. If an excluder is put on the hive early and the bees get used to going through it, there will be no restriction of honey storing once the flow is on.

WHAT IS THE BEST WAY TO PRODUCE GOOD, CLEAN COMB HONEY?

In the early spring build up your colonies so they are at full strength when the clover blooms. By this time you should already have put on a queen excluder and extracting super (at apple bloom time). When the clover flow is going good, put a super of comb foundation on top of the extracting super. When this super is nearly capped and the bees still need more room, place another super on top of the extracting super but below the comb super. The bees will go on up and finish ripening and capping the comb honey but it will not become dark with travel stains as they begin to fill the other extracting super.

WHEN SHOULD I REMOVE MY HONEY SUPERS?

You should allow at least two weeks after the main honey flow before taking the supers off the bees. This will allow them enough time to go ahead and ripen and cap the honey. This will be some time between the first of July and the fifteenth of July for this part of the country. You can then extract your honey and replace the supers on the hives for the bees to clean up. Remove the clean supers and protect them from wax moth. They should then be ready for any fall flow you might have. Be sure to keep any fall honey separate from spring honey as the fall honey will be darker and stronger in flavor. The spring or clover honey makes a very marketable product. The fall honey however, is better saved to feed back to the bees during the winter or very early spring.

I WISH TO REPLACE THE OLD QUEEN OF A VERY MEAN COLONY OF BEES. HOW DO I FIND HER TO DO THIS?

Set the original colony off the stand and put an empty hive body there. Take one fram of brood, shake all the bees off and place it in the empty hive body. Put a queen excluder over the single frame and frame by frame shake all the bees onto the excluder. Smoke like crazy and drive all the bees down onto the single frame. The queen should be stranded on top.

Ful Clegg, 3212 Holmes, Kansas City, Mo. 64109 Tel. (816) 531-1510 Billy C. Dunehew, R. #1, Box 121, Cedar Hill. Mo. 63016 Tel. 285-2758 John Hartman, R #5, Jefferson, Mo. 65101

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A. I. ROOT COMPANY: DEALER: Don Taylor, Box 636, Herculaneoum, Mo. 63048 Tel. 479-4856

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