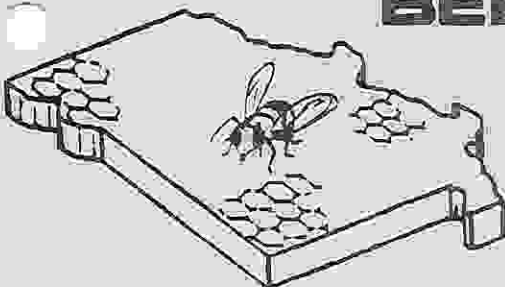


MISSOURI STATE BEEKEEPERS ASSOCIATION



PRESIDENT
Chester Crain
1216 West 38th
Kansas City, Mo. 64111
(816) 561-3502

SECRETARY
Mike Roling
Rt. 2, Box 81-A
Ozark, Mo. 65721
(417) 725-3449

1ST VICE PRESIDENT
Dr. Flarnoy Jones
1215 Subella Drive
Columbia, Mo. 65201
(314) 445-5760

TREASURER
Truman C. Hardin
1829 W. Washita
Springfield, Mo. 65807
(417) 866-2602

2ND VICE PRESIDENT
Louis Smith
4301 Walnut Tree
St. Charles, Mo. 63301
(314) 441-3780

EDITOR
Carol Boeckmann
619 Mendelssohn Drive
Kirkwood, Mo. 63122
(314) 821-1856

VOLUME 22

QUARTERLY NEWSLETTER
JUNE 1984

NUMBER 2

DEAR BEEKEEPERS,

Approximately 150 members were in attendance at the Spring State Meeting. We wish to extend our CONGRATULATIONS TO MR. TRUMAN HARDIN WHO WAS CHOSEN 1984 MISSOURI BEEKEEPER OF THE YEAR!!!!

Mr. Hardin has served the beekeepers of Missouri for many years. He has been the Secretary-Treasurer of the Ozark Beekeepers Association since 1974.

In 1977 Mr. Hardin accepted the office of 2nd Vice-President in charge of Nominations for the State Association. In 1978 and 1979 he was the 1st Vice-President in charge of Programs - one of the most difficult offices in the Association. During those two years Mr. Hardin lined up an impressive list of speakers for our meetings.

March 1978 - Dr. Richard Taylor and Mr. Glen Gibson
Oct. 1978 - Mr. John Root and Dr. W. A. Stephens
March 1979 - Dr. Wm. T. Wilson and Mr. Charles Dadant
Oct. 1979 - Dr. Elbert Jaycox and Mr. David McDonald

Beginning as a helper in 1978, Mr. Hardin has been actively involved with the State Fair honey booth each year. During 1980 and 1981 Mr. Hardin, along with Mr. Wills and Mr. Roling, organized and oversaw the preparations and actual daily running of the Honey Booth and Display at the Fair. The past two years these men have freely lent their time and experience to those who have run the Booth.

Since 1980 Mr. Hardin has ably filled the office of Treasurer of the State Association. He has put in countless hours organizing the membership roster and keeping the finances up-to-date. He works hard to get the most for our money in interest, etc. He is a man of honor and integrity who has given and continues to give of himself to the beekeepers of Missouri.

THANK YOU VERY MUCH, MR. HARDIN!!!!!!

Thank you to Mr. Troy Fore, the editor of The Speedy Bee, for his presentations on "Honey Marketing" and the "Value of Publications to Beekeepers". His talks touched on such topics as the USDA loan program, imports, honey promotion programs, a survey on honey done by the California State University at Fresno, and import labelling.

Some interesting bits from Mr. Fore's presentations -

- 1) Approximately 5,000,000 pounds of honey per month is handed out to prisons, schools, and domestic welfare groups.
- 2) In 1983 100 million pounds of honey was imported. A corresponding amount of domestic honey went into the loan program.
- 3) Honey could go to 30 cents a pound worldwide for table grade without the price support program.

Mr. Charles Wills' presentation on "Extending the Life of Equipment" contained dozens of helpful hints collected from his 30 years of experience in the building and contracting business. For example,

- 1) Slope the nail up when nailing tin to the telescoping cover.
- 2) Before assembling hives and supers, saturate the ends with a mixture of turpentine and linseed oil. This stops the wicking of moisture into your wood and prevents the corners from rotting.
- 3) Fiber jel is better than body putty for repairing your wood equipment. It adheres better to the wood. And, if the wood is dry, there is no need to prime it. Be sure to mix the fiber jel to the consistency of vaseline on a nonporous surface. When it dries to the consistency of soap, file it down and shape it.
- 4) F-26 waterproof construction cement makes a good glue to glue bottoms to the feeders before nailing.

Thank you, Mr. Wills, for your very informative presentation!

* * * * *

ANNOUNCEMENT ON THE 1984 FALL STATE MEETING

Date October 20 - Saturday

Place: Southwest Missouri State University in Springfield, Mo.

Guest Speaker: Dr. Norman Gary of the University of California (Davis)

Dr. Gary also wishes to conduct a 3-hour Intermediate Beekeeping Course on the Friday evening, October 19.

* * * * *

FROM YOUR EDITOR * * * *

I, your editor, wish to thank each of you for the Award of Merit given to me at the Spring Meeting. It came as a complete and very pleasant surprise!! I became your editor in 1979 and must admit that I have enjoyed it. As an English major and former teacher, I enjoy reading, writing and editing.

My husband Henry is the beekeeper in the family. The children and I are the extracting and bottling crew. However, I must here publicly thank Henry and the children for the many hours that they have spent collating, folding, and stapling newsletters. It really is a family project!!!

Again, thank you very much. I sincerely appreciate it!

* * * * *

WINNERS OF DRAWING ANNOUNCED

At the Spring State Meeting some of the members gave a donation to the drawing sponsored by the Eastern Missouri Beekeepers Association. This drawing was to help raise money to pay for the printing equipment which Eastern Missouri purchased and which the Missouri State newsletter is printed.

PRIZE

WINNER

1st Prize	Honey Extractor	Jim Bieg of Hillsboro
2nd Prize	Bee Hive from Gene Kaufmann	Don Moore of St. James
3rd Prize	Bee Hive from Curt Dennis	Larry Hensley of Florissant
4th Prize	Bee Hive from Larry Hensley	Robert Bender of Spanish Lake
5th Prize	Bee Towel from Ella Penn	Bill Bracht of St. Louis
6th Prize	Bee Towel from Ella Penn	T. Cirar of St. Ann

Congratulations to the winners and thanks to everyone!

* * * * *

DUES PAYMENT

If you have a check mark on your address label, it means that I have no record of your paying the 1984 dues to the Missouri State Beekeepers. Unless payment is received by July 20, this will be your last newsletter.

If you belong to a local association, please pay \$3.00 to your association for the State Dues. The local association secretary or treasurer should then promptly send the money to the State Treasurer Mr. Truman Hardin, 1829 W. Washita, Springfield, Mo. 65807.

If you do not belong to a local association, please send a check payable to Missouri State Beekeepers for \$4.00 to Mr. Hardin directly.

* * * * *

THANK YOU !!!!!!!!!!!!!

To Mr. George Vanarsdall, Mr. Roger Nichols and Mr. Walter Bigelow for acting as the beekeepers' representatives at the 1984 Evening with Missouri Agriculture sponsored by the Missouri Department of Agriculture. Also, thank you to Mr. Nichols for providing the honey bears for the buffet table.

To Mr. John Hartman for supplying honey for Missouri Agricultural Day and the name tags for the Spring State Meeting.

* * * * *

STATE FAIR ***** STATE FAIR ***** STATE FAIR ***** STATE FAIR *****

DATE: August 16 through 25

PLACE: Sedalia, Missouri

This year the Two Rivers Beekeepers Association and the Lincoln County Beekeepers Association are in charge of the Apiculture section at the Fair. The chairman is Mr. Jay Tohtz.

Categories, rules and deadlines plus much more will be found in the following three pages. All beekeepers are urged to enter your honey at the Fair for the judging competition. Also please note the Beeswax, Bees in Observation Hives, Table Display, and Honey Cookery sections. Enter as many categories as possible.

All entries must be on the grounds by Wednesday August 15. Each local association is encouraged to have one individual bring their members' honey, bakery goods, etc. to the Fair. And select another individual to pick up the entries at the Fair on Sunday, August 26, between 9:00 am and noon for return to their membership.

Also any individuals or local associations who wish to spend time working at the Apiculture section should contact Mr. Tohtz immediately at 113 Woodridge, Kirkwood, Mo. 63122 (314) 966-2014.

The Fair is open each day from August 16 through August 25 from 9:00 am to 9:00 pm. If you wish to work, please give your choice of day and hours able to work. Also include your full address with zip code and your phone number. Mr. Tohtz will promptly verify your day and time. All choices will be on a first-come basis.

Four workers are needed for each day. Two workers will be at the honey booth taking care of sales. One worker will be at the honey display area to answer questions about bees and beekeeping and to explain the observation hive and extracting equipment that will be set up. And one worker will act as a relief person so everyone can have time for lunch and a look at the Fair.

LET'S ALL PARTICIPATE AT THE FAIR

APICULTURE SECTION AT THE FAIR

REGULATIONS

1. Entries close August 15. No entries will be accepted after that date. Exhibitors in Class 1 are requested to pre-enter by mail with entries being received by 5:00 pm August 14.
2. Exhibits that are to be shipped must be on the grounds not later than 5:00 pm Wednesday, August 15. All exhibits must be in place by 7:00 pm Wednesday, August 15, and not be released before 9:00 am on Sunday, August 26, and must be claimed prior to noon or will be forfeited to the Fair Management.
3. Exhibitors will not be allowed to rearrange or remove any part of their exhibit, except bees which may be removed late in the evening to permit flight.
4. No two exhibits of the same class shall be made by the same person or any member of his or her family, or from the same apiary. In the case of a company or partnership, the exhibits shall be entered in the name of the firm or company.
5. All exhibits must have been produced in a Missouri apiary of the exhibitor since the 1983 Fair. Dark honey may be a 1983 product but produced since the 1983 Fair. All exhibits must be under the direct management of the exhibitor. Premiums will be paid to Missouri exhibitors only.
6. The exhibitor may place his name and address on his exhibit after the judging has been completed.
7. Exhibitors may distribute honey recipes, bearing their name and address from their exhibit space.
8. Exhibitors of Honey Cookery must have recipe shown with the exhibit. The recipe must be correct. The foods may contain some sugar, but this must be stated on the recipe. Preference will be given the exhibits containing the least sugar, other things being equal.
9. The judge will prepare a score card for each exhibitor in each class in both divisions, for the purpose of helping the exhibitor improve his or her exhibit.
10. Shallow and Brood Frame Comb Honey should not be covered by any opaque covering on either side.

11. A class tag must be on the honey sample to be judged.
12. Signs on Apiary exhibits will be limited to 10" high x 14" wide in size.

SCORE SHEET FOR JUDGING APIARY PRODUCTS

EXTRACTED HONEY

(Classes 3, 7, 8)

1. Degree of Density	20 points
Above 18 6% moisture	0 or Disqualify
18-18.6	10
17-18	15
16-17	20
15-16	15
below 15	10
2. Freedom from crystals	10 points
3. Degree of cleanliness and freedom from foam (clarity)	20 points
4. Cleanliness and neatness of containers	10 points
5. Flavor and aroma	20 points
a. Absence of off-flavor, overheating, and fermentation	
6. Color	10 points
7. Appearance and suitability of containers	5 points
8. Accuracy and uniformity of volume	5 points
	100

CUT-COMB HONEY AND BULK HONEY FRAME

(Classes 4, 9, 10)

1. Uniformity of appearance	20 points
2. Absence of uncapped cells	10 points
3. Uniformity of color	15 points
4. Absence of watery cappings	10 points
5. Cleanliness of section and frame (freedom from stain)	15 points
6. Freedom from granulation and pollen	5 points
7. Uniformity of weight	15 points
8. Total weight of entry	10 points
	100

BULK COMB HONEY

(Classes 5 & 6)

1. Neatness of cut	15 points
Ragged edges, parallel cuts, four-sided cut, and uniformity of size of cut	
2. Absence of watery cappings, uncapped cells, and pollen cells	15 points
3. Cleanliness of product	15 points
a. No travel stain, specks of foreign matter, flakes of wax, foam and crystallization	
4. Uniformity of appearance	25 points
5. Density, flavor and appearance of liquid part	25 points
a. Density determined as #1 under extracted honey	
6. Uniformity of volume	5 points
	100

CANDIED HONEY

(Class 11)

1. Appearance, suitability and uniformity of containers	10 points
2. Color	15 points
3. Crystallization (texture-smooth and fine)	20 points
4. Firmness of set (not runny but spreadable)	20 points
5. Absence of impurities, including froth, no blemishes	10 points
6. Flavor and aroma	20 points
7. Uniformity of volume	5 points
	100

BEE SWAX

(Classes 12 & 13)

1. Color, white on class 12 and between straw and canary yellow on class 13 (undamaged by propolis, iron stain, etc.)	30 points
2. Cleanliness, freedom from surface dirt, honey and impurities	25 points
3. Freedom from cracking, shrinkage and marks	15 points
4. Aroma	15 points
5. Texture (grain)	15 points
	100

BEEES IN OBSERVATION HIVE

(Class 14)

1. Bees; uniform color, size and correct type	15 points
2. Queen; age, size, shape, behavior and marking	20 points
3. Brood; compact pattern, show all stages	20 points
4. Variety; presence of queen, workers, drones, brood, honey, pollen, etc.	15 points
5. Cleanliness and suitability of the comb	10 points
6. Appearance, cleanliness and suitability of observation hive	10 points
7. Correct number of bees for interest and ease of observation	10 points
	100

TABLE DISPLAY

(Class 2)

1. Attractiveness (pleasing and eye-catching)	20 points
2. Quality and variety of products in the display	40 points
3. Originality of arrangement	20 points
4. Sales appeal	20 points
	100

DISPLAY OF APIARY PRODUCT

(Class 1)

Points awarded for this class in determining the champion ribbon will be the average of all points awarded in classes 2-14; e.g. if exhibitor earned a total of 975 points in classes 2-14 then his point total would be 75 for class 1 (975 divided by 13 classes).

Section A

BEE CULTURE

Amount offered in this Section by State Fair

HONEY

Class

1. Display of Apiary Product, including bees in 1 frame observation hives, (one 5" x 7" frame of honey permitted above if desired) beeswax and at least 150 pounds of honey. Must include classes 2 to 14. Exhibitor has the privilege of pyramiding exhibit.
\$40 35 25 15
2. Table display for Stores should be of permanent type. It may include comb and extracted honey, posters, artificial flowers, and any other items that add aesthetic appeal to the display. To be displayed on tables of approximately nine square feet of surface area. This class will be judged on attractiveness, quality of product, arrangement and appeal to customers.
\$25 20 15 12
3. Display of light extracted honey in standard honey jars, assorted sizes, 25 to 50 pounds.
\$12 10 9 8
4. Cut comb honey in cardboard or plastic boxes, at least one side visible. Six packages of approximately one pound.
\$12 10 9 8
5. Light bulk comb honey, six 2 or 2 1/2-pound jars.
\$8 7 6 5
6. Amber bulk comb honey, six 2 or 2 1/2-pound jars.
\$8 7 6 5
7. Light extracted honey, six 1-pound jars.
\$7 6 5 4
8. Amber extracted honey, six 1-pound jars.
\$7 6 5 4
9. Sealed honey, white, brood size frame (9 1/4" x 17 1/8").
\$7 6 5 4
10. Sealed honey, white, shallow-depth honey frame (5 3/4" or 6 1/4" x 17 3/8").
\$7 6 5 4
11. White candied honey, unwhipped, six 2-pound jars, produced in 1982-1983.
\$7 6 5 4

BEES AND BEESWAX

- 12 White Beeswax, 3-pound cake not over one year old.
\$6 5 4 3
- 13 Yellow Beeswax, 3-pound cake not over one year old.
\$6 5 4 3
- 14 Queen and her bees, with emerging brood, in one-frame observation hive. One 5 1/2" frame of honey permitted above bees if desired. Identification of Race preferred.
\$13 10 8 7

Specials: A Grand Champion Ribbon will be awarded to the outstanding exhibitor in Apiary Products and will be decided 50% on blue ribbons and 50% on total points.

Section B**HONEY COOKERY**

Amount offered in this Section by State Fair

Note: The score card used in judging the Foods exhibits will be used in judging honey cookery and awards decided on total points. The recipes will receive consideration. They must be attached and correct. Preference will be given exhibits containing the least sugar, other things being equal.

Class

- 15 General display of uses of honey in preparation of breads, pastries, candies, also canning. (No open liquids.) Recipes attached.
\$18 14 10 7
- 16 Honey Fruit Cake, recipe attached.
\$10 8 6 4
- 17 Light Honey Cake, recipe attached.
\$7 6 5 4
- 18 Dark Honey Cake, recipe attached.
\$7 6 5 4
- 19 Box of Assorted Honey Cookies, 1-pound (six kinds). Recipes attached.
\$7 6 5 4
- 20 Box of Assorted Honey Candies, 1-pound (six kinds). Recipes attached.
\$10 8 6 4
- 21 Loaf of Honey Whole Wheat Bread, recipe attached.
\$7 6 5 4

Special: A Champion Ribbon will be awarded to the outstanding exhibitor in the Honey Cookery Section and will be decided on total ribbon points, 4 points for 1st, 3 points for 2nd, 2 points for 3rd, and 1 point for 4th. In case of a tie, the exhibitor with the most total points on the score cards will be the winner.

* * * * *

STATE FAIR COOKERY SECTION --

Please be sure to enter the Honey Cookery classes at the State Fair. Entries must be present on Wednesday, August 15, to enter the competition. Mrs. Viola Young will be the judge of this section. Also Mrs. Jean Tohtz will be have a cooking demonstration using honey at 10 am each day in the Agriculture Building.

* * * * *

MISSOURI HONEY COOKBOOK

Mrs. Jean Tohtz is attempting to put together a Missouri Honey Cookbook for our State Association. If you have a favorite recipe or two that uses honey and would like to see it included in the cookbook, please send it to Mrs. Tohtz at 113 Woodridge, Kirkwood, Mo. 63122. You will be credited with the recipe.

Mrs. Tohtz asks that each recipe be kitchen tested. And she would like each recipe to contain at least 1/4 cup of honey.

Please type or print your recipe. Check to be sure that all the ingredients and correct measurements are included. Include complete mixing and baking instructions.

Hoping to hear from many of you!!! DEADLINE IS AUGUST 1.

* * * * *

MINUTES OF THE BUSINESS MEETING
MISSOURI STATE BEEKEEPERS' ASSOCIATION
March 24, 1984
at University of Missouri
Columbia
Memorial Union Building

President Chester Crain called the meeting to order at 2:35 p.m. following the conclusion of the program. The first order of business was approving the minutes of the fall meeting. The minutes were published in the December, January newsletter, and Larry Hensley made a motion to accept the minutes as published. Clayton Johnson seconded. Motion was approved.

Correspondance was reported by Secretary, Michael Roling. The report cited the organization's participation in the 1984 Evening with Agriculture and the 1983 Governor's Conference on Agriculture. The above references were sponsored by the Missouri Department of Agriculture. A third letter from the Missouri Department of Agriculture reported that Mr. Scott Sawyers was appointed as director of the Division of Market Development.

Truman Hardin presented the treasurer's report (published with these minutes). Larry Hensley moved to accept the treasurer's report as read. Clayton Johnson seconded. Motion passed.

President Crain called on Jay Tohtz for the liaison report. Mr. Tohtz indicated that there was no legislation currently pending concerning our group. Mr. Tohtz indicated that Senator Tinnin would be retiring at the end of his current term. At the executive board meeting, it was decided to buy and present a plaque to the Senator in appreciation for assistance to the Missouri State Beekeepers' Association.

Jay Tohtz gave the report of the State Fair Committee. The fair will be from August 16 to August 25. The honey for display needs to be at the fairgrounds August 15. It was suggested that one person from each local association bring and pick up the honey. Pickup of the honey is August 26. This year at the State Fair, four people will be needed at the booth. Dadant has offered equipment for demonstration purposes, and an observation hive will be present as well.

Mrs. Tohtz reported on the progress of the cookbooks. She cited a great need for more recipes as only seven people had responded as of March 1. Deadline for the recipes for the cookbook was set for August 1. She indicated that at the State Fair there would be a demonstration on cooking with honey in the Agriculture Building at 10:00. There was also a plea for more cookies, cakes, and breads to be entered at the State Fair for the display booth. Mrs. Viola Young echoed the above sentiments and indicated that at least 1/4 cup of honey was needed in the recipe.

Mrs. Carol Boeckmann reported on the newsletter. Carol indicated the difficulties of printing the newsletter in the past and the benefits that would be gained by using the Eastern Missouri Beekeepers' new offset printing system. Some printing

costs would be reduced and the ease of printing would be greatly facilitated. It was moved by L. Johnson that the Missouri State Beekeepers' Association pay the printing cost to Eastern Missouri Beekeepers' Association for printing the newsletter. Motion was seconded by Irene Dohrner. Motion carried.

The report of the publicity committee was presented by Larry Hensley. News releases were sent to one hundred newspapers informing the public of the spring meeting. Cost of the news releases is estimated to be \$50 to \$100 per meeting. No news releases were sent to radio stations. Charles Wills moved that the news releases to newspapers continue for the next year. Motion seconded by J. Tohtz. Motion carried.

Truman Hardin reported that the films concerning bee management from the University of Wisconsin and the slide series from the A. I. Root Company are available for use. The State organization will pay for postage to the local organization, and the local organization will be responsible for the return postage. At the executive board meeting, it was decided to pay Mr. Hardin 20¢/mile and incidental fees to have the films and slides mailed to the local organizations.

Charles Wills presented the "State Beekeeper of the Year" award to Truman Hardin. It was noted that Mr. Hardin has been a long time supporter of the state and local associations. Truman has served the state organization for numerous years, particularly in the offices of vice president and treasurer, and the local association as secretary-treasurer. In addition, his work at the State Fair has been exceptional.

Jay Tohtz presented a special "Award of Merit" to Carol Boeckmann. Carol received the award as a result of her tireless effort as editor of our State Newsletters since 1979.

Louis Smith reported the fall 1984 meeting will be held at Springfield at the Campus of Southwest Missouri State University, Campus Union Building. Louis Smith, Mike Vanassdall, and Henry Boeckmann will present suggestions for the location of the fall 1985 meeting at our fall 1984 meeting. Special thanks was again extended to George Vanarsdall for his extraordinary help and work to make the fall 1983 meeting a success.

A motion tabled at the fall meeting was brought before the organization. That motion called for the opposition to a one cent tax/pound of honey "to help promote honey." The proposal was explained on p. 689 of the 1983 October issue of the American Bee Journal. Mr. Jay Tohtz moved the discussion on this item be tabled. Seconded by Mr. Gale Yemm. Motion carried.

Meeting was adjourned at 3:45 for awarding of door prizes.

Respectfully submitted,

[Handwritten signature]

MISSOURI STATE BEEKEEPER ASSOCIATION
Financial Report

BALANCE on hand October 10, 1983

\$7896.86

INCOME

Dues - Oct. 10th through March 21, 1984	\$786.00
Interest - Checking account	27.41
Farm and Home - Money Market	191.90
Books, etc - Fair Account	337.57
Magazine Subscriptions	31.40
Postage received from slides	7.09
Adjustment in cash - plus	<u>220.75</u>

\$1602.12

\$9498.98

EXPENSES

State meeting - Fall	\$831.84
Newsletter	501.83
President	19.48
Secretary	--
Treasurer	88.12
Slides (207.06 Film (253.37)	460.43
Honey Booth Deposit	175.00
Honey Booth stock - early purchases	648.00
Awards and misc.	<u>128.77</u>

\$2853.47

March 21 - Balance \$6645.51

ASSETS

Checking Account	\$658.15
Farm and Home - Money Market	5298.42
Remaining Fair Inventory	<u>688.94</u>

\$6645.51

EXPENSES - for comparison	PROGRAMS	NEWS LETTER	PRESID.	SECRET.	TREAS.	SLIDES FILM	HONEY BOOTH	MISC.	TOTAL
1982 March to Oct.	\$268.53	316.21			78.12			75.09	\$737.95
82-83 Oct. to March	1242.44	282.51		39.28	14.49			66.96	1645.68
1983 March to Oct.	268.64	316.62		73.53	63.23			42.00	764.02
83-84 Oct. to March	831.84	501.83	19.48		88.12	460.43	\$823.	128.77	2853.47

DUES paid by Associations - October 10 through March 21, 1984

Boone Regional	19 paid	\$57.00	Midwestern	66 paid	\$204.00
Central Missouri	17 paid	51.00	Ozark Beekeepers	20 paid	60.00
Dallas County	18 paid	54.00	Ozark Mountain	19 paid	57.00
Eastern Missouri	4 paid	9.00	Prairie Country	4 paid	12.00
Honey Producers	4 paid	12.00	Tri-County	6 paid	18.00
Jefferson County	21 paid	63.00			
Laclede County	1 paid	3.00	Individuals	17 paid	72.00
Lincoln County	8 paid	24.00			
Mid-Missouri	15 paid	45.00			

CHECK INFORMATION

Check No.	Payee	Programs	Newsletter	President	Secretary	Treasurer	Slides-Film	Misc.	Honey Booth
368	Chas. Perrin	62.99							
369	W. Gojmeric								432.00
370	T.C. Hardin								
371	W. Gojmeric	382.50				27.13			
372	C. Boeckmann		34.01						
373	Postmaster St. L.		100.00						
374	G. Vanarsdall	37.35							
375	WRS Picture Lab						240.43		
376	C. Boeckmann		193.18				180.00		
377	A.I. Root Co								
378	Florissant Church		25.00						
379	WRS Picture Lab						8.76		
380	Kinko Labels						4.18		
381	A.I. Root Co						1.79		
382	V. Hingler							4.00	
383	Tepeco Plastics						17.87		
384	John Hartman							11.50	
385	T.C. Hardin			19.48		47.35			
386	Chester Crain								
387	Mike Rolling								
388	C. Boeckmann		27.26				7.40		
389	Troy Fore, Jr	349.00							
390	American Bee Jour.								
391	Gleanings							23.64	
392	T.C. Hardin							7.76	
393	Honey Acres								
394	MO. State Fair								216.00
395	Eastern Mo. Assoc.		87.27						175.00
396	C. Boeckmann		33.11						
397	Bull's Trophies								
		\$831.84	501.83	19.48		88.12	460.43	128.77	823.00

ATTENTION: LOCAL ASSOCIATIONS!!!

The following film and slide sets are available for use by the local associations free.

BEE MANAGEMENT: FALL AND WINTER (10 mins)

Fall inspection, combining and dividing colonies for overwintering, supplemental feeding, letting bees clean uncapped or wet extracted comb, clustering, proper location of honey and pollen comb, hive location, reducing hive entrance.

LATE WINTER AND EARLY SPRING (10 mins)

Clustering, mid-winter inspection; proper placement of honey, pollen, and brood comb; winter hive activity; symptoms and treatment of nosema; sugar feeding; mixing and feeding pollen supplement; trapping pollen.

BOTH OF THE ABOVE TITLES ARE ON ONE REEL. THEREFORE, THIS IS ONE FILM.

BEE MANAGEMENT: HONEY HANDLING (17 mins)

Protective equipment, when to take honey, removing full frames, uncapping, extracting, grading, bottling, storage, wax recovery. Intended for small scale operators but shows commercial too.

HONEYBEES (67 slides)

An introduction to the honeybee; showing the development and describing the behavior and activities which are basic to the understanding of this amazing animal. For beginning beekeepers or anyone interested in learning more about the honeybee.

BEGINNING BEEKEEPING (73 slides)

This set of slides illustrates and describes the various steps necessary in beginning beekeeping. Every other phase of beekeeping during the season is explained that will interest both beekeeper and non-beekeeper alike.

BEE MANAGEMENT (71 slides)

A thorough coverage of bee management from spring management through the honey flow to fall and winter management. An excellent instruction set for bee classes and use at bee meetings.

THE HONEY HARVEST (73 slides)

Covers fully the various steps of honey removal, extracting, and processing. Shows you the basic steps that can make the honey harvest easier by illustration and description.

NECTAR AND POLLEN PLANTS (80 slides)

A set of unique slides with a written script and a tape recording describing the honey plants commonly found east of the Mississippi River. Your sources of pollen and nectar become less of a mystery with this slide set. Excellent for instruction and enjoyment at meetings and in the classroom.

The following are guidelines for requesting and returning the films and slides.

1. Send all requests and returns to Mr. Truman Hardin, 1829 W. Washita, Springfield, Mo. 65807.
2. The two films will be shipped for one date and showing.
3. Each slide set will be shipped for only one date and showing. Therefore, it will take 5 different dates to show all of the slide sets. Each set has from 67 to 80 slides along with a typewritten commentary and a cassette tape commentary that will require a tape player for sound effects.
4. The local association must request the slide set or film by title, along with a first, second, and third choice date for showing the film or slide set. The local will be notified immediately of the date that will fit into the calendar of schedules.
5. The State Association will pay for the postage to send the film or slide set to the local association. The local association will pay for the return postage of the film or slide set to the State Association.
6. Since the exact postal time for returning the films or slide sets is uncertain, the local will be allowed one week. The local may use UPS if the community has a shipping office.
7. Insure each slide set for \$40; films (2) for \$250.
8. Please return the slide set or film in good condition and promptly.

FROM AROUND THE STATE

We are pleased to announce and to welcome a new beekeepers local association - THE MISSOURI VALLEY BEEKEEPERS ASSOCIATION. This association includes the area of Washington, Union, Gerald, New Haven, Leslie, etc. Attendance at their meetings has been between 16 and 27 individuals. A very good beginning!!

President - Bill Kohne, Rt. 2, Box 43, Sullivan 63080
 Vice Pres - Louis Sandbothe of Washington, Mo.
 Sec-Treas - Dennis Sammeth of Buford, Mo.

If you have any questions concerning dates, locations, and times of meetings, please contact Mr. Kohne.

With the formation of this local association, the total number of locals is now 19!!

* * * * *

1984 Officers of the Dallas County Beekeepers Association

President - John Wilson, Rt. 2, Box 232-A, Conway 65632
 Vice Pres - Jim Hayes, Rt. 2, Box 217, Buffalo 65622
 Treas. - Fred Clayton, Box 54, Buffalo 65622
 Secretary - Inge M. Foster, Rt. 1, Box 105, Urbana 65767

* * * * *

The new Secretary-Treasurer of the South Central Beekeepers Association is Pat Gastineau, Rt. 2, Box 197, Mountain View 65548.

* * * * *

1984 Officers of the Two Rivers Beekeepers Association

President - Jerry Gifford, Rt. 1, Box 34, Winfield 63389
 Vice Pres - Tom Dixon, 1708 Park, St. Charles 63301
 Sec-Treas - Jan Hesse, 2303 Patma, St. Charles 63301

* * * * *

The Missouri Department of Agriculture is now under one roof at 1616 Missouri Boulevard in Jefferson City. However, the mailing address and phone numbers remain the same.

Mailing Address - Division of Plant Industries, P.O. Box 630,
 Jefferson City, Mo. 65102

Phone Number - (314) 751-2462

* * * * *

LET IT BEE KNOWN . . .

SMOKELESS BEEKEEPING by Henry Exner of Hepworth, Ontario

Any person's well-faring in life much depends upon keeping proper balance - physically and otherwise.

When this occurred to me many years ago, I automatically began to look for logic in habits. One day five years ago, after reading about uniting colonies with the help of peppermint scent, I decided to try it. When it worked, I began questioning "the use of smoke" in bee management - at least for myself as a hobbyist.

When breaking a habit, it's important to be consistent. So I discarded my smoker and purchased a mister - a simple garden tool with a trigger, made of plastic. (It's the only plastic I tolerate in beekeeping.)

I use five to seven drops essence of peppermint in the plastic bottle full of water. The nozzle is adjusted to the finest mist.

When working my bees (I do own 80 hives), I first mist into the entrance just to let the bees know who is calling. Then I lift up the back end of the cover, mist, and close it again for a few seconds. I find that the bees soon respond with calmness. As soon as the bees become flighty while I am working the hive, I mist again.

I mist for all operations at the cost of \$1 for two to three years. I work my bees at all times of the day - at all temperatures except below 60 degrees F. If there is a honeyflow I don't use gloves. On most days I soon discard my gloves; on many days, the veil also.

I find it much more enjoyable, in addition to having no fuss with fuel or lighting. This may vary with the type bees one has. Sixty of my colonies are gentle Caucasians. However, the other are various: Italian, Mraz, Buckfast. None of them cause me trouble when working with peppermint mist.

There are exceptions though. I do have one vicious colony of black Caucasians. I can't approach these without full protection. Well, the inspector couldn't do his job properly on those with all his smoke either.

Why don't I requeen them? Well, it's too cold or hot for the bees to work, this one still gathers pollen. When no others show up at the first glimpse of day, this one already flies.

I always work them last, because they pursue me so long as I am there. The marked queen is three years old. They never swarmed.

As I tried smoke on them, I found that if anything calms them down, it's peppermint mist.

As a hobbyist, where time is no cost to you, try it. You will soon be delighted, and you may find it time-saving after you establish a routine.

* * * * *

The following is taken from the Howard County, Maryland, Beekeepers Newsletter.

At different stages of their lives, worker honeybees may clean out cells, feed larvae, process pollen, guard the nest, and forage. Now, Connell

University entomologist Kirk Visscher has found that a few of them also perform another job - undertaking. Entomologists have long noted that honeybees remove corpses from the hive, but no one knew that undertaking was a specialized job, limited to a few individuals. The job is an important one: If ignored, dead bees would accumulate at the rate of more than a quart a month, carrying disease and attracting vermin. While watching bees in glass-walled colonies, Visscher noticed that most workers who encounter a dead bee ignore it, lick it briefly, or tug at it momentarily. Some bees, however, purposefully approach the corpse, grasp the lifeless bee in their mandibles, drag it through the hive, and fly up to 400 feet away before dropping the body. By painting dots on bees that carried away the dead, Visscher estimated that one or two percent of the hive acts as undertakers. Moreover the job is only temporary, lasting a few days before the bees go on to another job. Visscher suspects that bees, like ants, may emit a chemical signal when they die, prompting the undertakers to do their duty.

HAVE A HONEY OF A SUMMER!!!

Carol Boeckmann
Editor

MISSOURI STATE BEEKEEPERS ASSN.
619 Mendelsohn Drive
Kirkwood, Missouri 63122

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