

MISSOURI STATE BEEKEEPERS ASSOCIATION



1984 OFFICERS



Photographed by Francis Scheidegger

The new officers as pictured from left to right are

President	Chester Crain, Kansas City (Midwestern Assn.)
1st Vice President	Dr. Flernoy Jones, Columbia (Boone Regional)
2nd Vice President	Louis Smith, St. Charles (Two Rivers Assn.)
Secretary	Mike Rolings, Springfield (Ozark Assn.)
Treasurer	Truman Hardin, Springfield (Ozark Assn.)
Board Member	
At Large	John Walthers, Jefferson City (Central Missouri)
Liaison	Jay Tohtz, Kirkwood (Two Rivers Assn.)

DEAR BEEKEEPING FRIENDS,

'Tis the season to be busy . . . And no one is busier than were Mr. and Mrs. George Vanarsdall, their family and the members of their Osage Honey Farm as the hosts of our Fall State Meeting. As stated in the December issue of The Eastern Missouri Newsletter,

"Over 250 members were entranced at his hospitality and set-up. This was reported to be one of the best meetings we have ever had."

The Vanarsdalls worked for weeks preparing the demonstrations and adopting their facilities to park, seat, and feed their guests. Last minute preparations were finished at 3:00 a.m. on Saturday morning. And all were up by 7:00 a.m. to greet the first arrivals.

Mr. Vanarsdall prevailed upon the local Chamber of Commerce to help with the lunch. The Chamber of Commerce treated all to their special roasting of a whole hog with all the trimmings. A fantastic, delicious meal!! We thank them very much for their time and hard work!!!

We also thank George and Laura Vanarsdall for all of their hard work and time donated. The tours and excellent demonstrations were both educational and interesting. The results were outstanding!

We thank Dr. Walter Gojmerac from the University of Wisconsin for his informative presentations on "Honey Processing" and "Fall and Winter Management".

And we thank our program Chairman Mr. Walter Bigelow who secured Dr. Gojmerac, who made arrangements for the Friday evening Executive Meeting and the overnight lodgings, and who coordinated the program with Mr. Vanarsdall.

Two pages of pictures taken at the State Meeting follow. These pictures were taken by Mr. Francis Scheidegger, a professional photographer from Kirkwood, Missouri. Mr. Scheidegger is a member of the Missouri State Beekeepers and the local Eastern Missouri Beekeepers. Mr. Scheidegger donated his time, professional talent, and the pictures. We thank him very much!

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From left to right:

Dr. Walter Gojmerac, 1983 MSBA President Mike Roling
Mr. George Vanarsdall, and Dr. Flerney Jones.

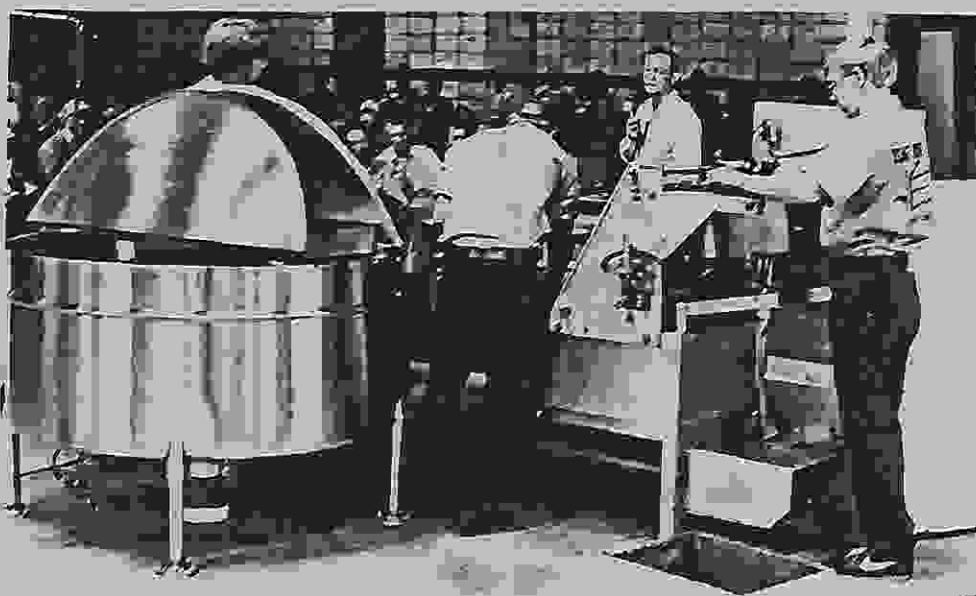


Dr. Walter Gojmerac speaking to over 200 beekeepers
present at the 1983 Fall State Meeting.



The entrance to
the Vanarsdalls'
operation.

Mike Vanarsdall
showing a portion
of the candle-
making process.



The Vanarsdalls demonstrating
their uncapping and extract-
ing processes.

MINUTES OF THE BUSINESS MEETING OF THE MISSOURI STATE BEEKEEPERS
October 15, 1983

Held at Sibley, Missouri, at the Osage Honey Farms of George Vanarsdall. President Mike Roling called the meeting to order at 2:25 p.m., explaining that the schedule had been modified so that a further demonstration of Vanarsdall's operation could wind up the day's activities after the business meeting. Since the minutes of the Spring business meeting were published in the recent newsletter, Roling asked for a motion to dispense with their reading. Motion was made by Arthur Niswonger and seconded by Truman Hardin. Motion passed.

Truman Hardin gave the Treasurer's report. Waldo Majers moved to accept the report as read. Maynard Page seconded. Motion passed. Hardin reported that the Executive Board had voted to spend some of the funds on a project that could benefit all the members. It had agreed upon the purchase of two films: 1) Bee Management: Fall and Winter, Late Winter, Early Spring and 2) Bee Management: Honey Handling. (EDITOR'S NOTE: See Page 14 of this newsletter for an update of this project.)

Roling next called upon Jay Tohtz, Chairman of the State Fair Committee, to give the report. He also announced that Tohtz had volunteered to be Chairman again in 1984, in cooperation with the Lincoln Beekeepers and the Two Rivers Beekeepers Associations. Tohtz reported that the Association's booth netted a profit of \$852.44 and over 70 names of persons who wished to become members of the State Association, including some who might form a local group in the Hannibal area. He gave special thanks to Truman Hardin and Charles Wills for their help in setting up the booth and taking it down. He also thanked again those members mentioned in the September Newsletter and urged more members to attend next year. It will be possible to have an observation hive at the booth if a bona fide beekeeper is there each day from 9 a.m. to 9 p.m. -- making a total of 4 people needed in the booth each day. (EDITOR'S NOTE: See pages 9 through 12 for the Treasurer's report and the complete financial report on the State Fair Booth.)

Mr. Roling called upon Walt Bigelow to make a report from the committee that Mr. Roling had appointed at the last meeting to look into a site for the Fall 1984 meeting. This would give the program chairman adequate time to secure a speaker. Bigelow, John Wilson, and Louis Smith made up the committee. They recommended that the Fall 1984 meeting be held in Springfield. Bigelow noted that they considered the desirability of meeting in an area where the Association had not met before but that the need for a local group to handle practical details of a meeting is most important. Jerry Freese of Lebanon moved that the MSBA hold its Fall 1984 meeting in Springfield. Charles Winfro seconded. Motion passed.

Rolling next introduced Joseph Francka, State Entomologist, who reported the latest information about the proposed restrictions on the use of Ethylene Dibromide (EDB). Francka stated that this past week John Hayes had received a document from the Environmental Protection Agency on "Intent to Cancel" most uses of EDB. All uses will be cancelled, though there are provisions for some minor use applications to be retained if the registrant desires to do so by relabelling those uses with restrictions. Quoting from the document

"The Agency has decided to continue registration of the EDB products used for the minor uses of termite control, fumigation of beehive supers and honeycombs, moth fumigation, and Japanese beetle control, only as specified changes are made on labels to reduce the risks presented by these uses."

Francka said that there is presently only one company registered, and it will have 30 days (from the date of EPA's notice) in which to petition EPA that it will place the restrictions on labels if registration is continued. Some of these restrictions are:

- fumigation to be conducted only by certified applicator;
- full face black cannister respirator approved for use with EDB by OSHA;
- EDB-resistant gloves (Butyl rubber only);
- Boot covers and apron (made of butyl rubber-nitrile polyethylene);
- these items are to be worn by the applicator at all times during the treatment;
- supers are to be stacked in a gas-tight room;
- a gas-tight covering such as polyethylene tarpoulin held down with sand-filled snakes; etc.

If the company chooses to go through with this relabeling, it will be required to keep records on how much is sold for this use. Then the results will be monitored so that the EPA can restudy the issue. Certainly, anyone wishing to use EDB will have to become certified as an applicator.

Dr. Flerney Jones then added that the restrictions were not really new, that EDB is widely used as a fumigant for buildings, that IT IS A DEADLY FUMIGANT, and that operators have always had to wear the cannister-type face mask. If the company should decide to continue manufacturing the chemical with the required relabelling, then the University will offer to beekeepers at the Spring meeting (3rd weekend in March) the same training for certification as applicators as is offered to farmers. The 3 to 4 hour training session would be on the Friday afternoon before the Saturday Spring Meeting. In answer to a question from the floor, Jones stated that the expense and time needed would prohibit offering the training to local organizations of beekeepers around the state. Extension Service

training for farmers to become certified to use certain chemicals will not be adequate under the EPA's restrictions on use of EDB; EDB is hardly mentioned in those training sessions. Jones promised to keep members posted regarding the subject via the MSBA newsletter. (EDITOR'S NOTE: See pages 13 and 14 of this newsletter.)

Jay Tohtz gave a report on his liaison activities with state officials. Prospects for roadside plantings are good for Spring 1984 with four different test plots planned. Tohtz is always available to local organizations for help with problems, in his role as liaison officer; he also does some public relations for MSBA. At this point he thanked his wife Jean for her daily cooking demonstrations at the State Fair and urged more women to participate by attending or submitting recipes using honey. This type of activity is one of the best kinds of "PR" for the Association. (EDITOR'S NOTE: See page 16 for further developments.)

Rolling asked Tohtz to give the report of the committee to recommend a recipient of the 1984 "BEEKEEPER OF THE YEAR" award. Tohtz moved that Truman Hardin be named to receive the Beekeeper of the Year Award for 1984 from the Missouri State Beekeepers Association. Motion was seconded by Charles Wills. Motion passed.

Rolling next spoke of the need for publicity to reach beyond the membership of MSBA regarding activities and meetings. He named Larry Hensley from the St. Louis area and Sue Nichols from the Kansas City area to suggest a format for publicity — not to be responsible for carrying it out — and to report back at the Spring Meeting.

At the call for new business, Ed Blake rose to propose a motion that the Missouri State Beekeepers Association and all its subordinate organizations therewith be opposed to the Congressional Act "To help promote honey" that is being supported by the American Beekeeping Federation. Glen Hoffman seconded. Blake explained that on p. 689 of the October issue of the American Bee Journal the Act is published. It calls for a one cent per pound tax on honey to be used for the advertising and promotion of honey and honey products. The tax would apply to every producer, whether hobbyist or commercial beekeeper, who sells honey. Although there was some discussion and further questions of Blake, many members admitted to not having yet read the ABJ article and believed that the membership was not sufficiently informed to take action in the name of the Association. Jay Tohtz moved to table the motion until the Spring meeting. Glen Hoffman seconded. Motion passed. Blake's motion was therefore tabled until next meeting when members will have information upon which to base their vote.

Dr. Flerney Jones, Chairman of the Nominating Committee, then presented the slate of officers for the coming year:

- Carol Boeckmann, Editor of the Newsletter
- John Walthers, Board Member at Large
- Jay Tohtz, Legislative Liaison Officer
- Truman Hardin, Treasurer

Mike Kolins, Secretary
 Louis Smith, Second Vice President
 Chester Crain, President

Walter Bigelow moved to accept the slate of officers named above, there being no further nominations from the floor. Gale Yemm seconded. Motion passed.

The meeting was adjourned at 3:30 p.m.

Respectfully submitted,
 Jean M. Yemm, Secretary

Complete records of the business meeting and the program are available on tape recordings made by the Secretaries of the past several years. Also Charlie Honeywell of 206 W. Crestview Drive, Odessa, Mo. 64076, has tapes of the Fall 1983 meeting.

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DUES DUES DUES DUES

Your 1984 dues should now be paid.

If you are a member of a local beekeeping association, your state dues of \$3.00 should be paid to your local association. The local association treasurer should forward your name and dues to the State Treasurer Mr. Truman Hardin.

If you do not belong to a local association, your dues are \$4.00 and are to be sent directly to Mr. Truman Hardin, Treasurer, 1829 W. Washita, Springfield, Mo. 65807. Make your check payable to Missouri State Beekeepers.

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If you belong to a local association and wish to subscribe to one or all of the three major bee publications, you can receive a discount in your subscription price. The only stipulation is that the subscription is sent in by your local secretary or treasurer.

	Regular Price	Association Price
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AMERICAN BEE JOURNAL

1 year	\$10.50	\$7.88
2 year	20.50	15.38

GLEANINGS IN BEE CULTURE

1 year	10.35	7.76
2 year	20.50	15.37

THE SPEEDY BEE

9.00	6.75
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BALANCE ON HAND MARCH 12, 1983

\$6035.02

INCOME

Dues - March 12 thro Oct. 5, 1983 (471) \$1,422.00
 Interest - Checking Account 51.41
 Bell Savings & Loan 39.90
 Farm and Home 190.26
 Books, ect., Fair Account 69.85

\$1,773.42
+4,306.58

Honey Booth Sales

Total income

+6080.00
\$12,115.02

EXPENSES

State Meeting - Columbia \$268.64
 Newsletter 316.62
 Secretary 73.53
 Treasurer 63.23
 Misc. 42.00

\$ 764.02
+3454.14

Honey Booth Expenses

Total Expenses

- 4,218.16
\$7,896.86

ASSETS

Checking Account - Mercantile Bank \$1,623.13
 Farm and Home - Money Market 5,506.52
 Fair Inventory - remaining 367.21

October 10 -- \$7,896.86

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EXPENSES - for comparison

	PROGRAMS	NEWSLETTER	SECRETARY
81-82 Oct. to March	455.72	220.72	
1982 March to Oct.	268.53	316.21	
82-83 Oct. to March	1242.44	282.51	39.28
1983 March to Oct.	268.64	316.62	73.53

	TREASURER	MISC.	TOTALS
81-82 Oct. to March	27.98	95.42	\$799.84
1982 March to Oct.	78.12	75.09	737.95
82-83 Oct. to March	14.49	66.96	1645.68
1983 March to Oct.	63.23	42.00	764.02

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Check No.	Payee	Programs	Newsletter	Secretary	Treasurer	Intsec.	Honey Booth
332	Marilyn Smith			25.00			
333	Jean Yemm			48.53			
334	Flerncy Jones	30.98					
335	Glenn Stanley	200.00					
336	T.C. Hardin						
337	Henry Boeckmann		43.12		17.80		
338	Dept. of Revenue					1.00	
339	T.C. Hardin				15.08		
340	American Bee Assn.					20.00	
341	Florissant Presy.						
342	Henry Boeckmann		25.00				
343	Ind. State Fair		5.50				175.00
344	Honey Producers					20.00	
345	Mescalito Co.						154.00
346	Iowa Lept. of Agri.						65.00
347	Walter Kelley						161.71
348	Mo. State Fair						175.00
349	Walter Bigelow	37.66					
350	T.C. Hardin				30.35		
351	Carol Boeckmann		158.00				
352	Eastern Assn.						
353	Otagiri						
354	Dadant & Sons						268.30
355	Ample Industries						162.16
356	T.C. Hardin						113.43
357	Petty Cash						27.23
358	Sedalia Fruit						110.00
359	Otagiri						17.05
360	Jay Tichtz				1.00		14.75
361	Charles Mills						146.10
362	T.C. Hardin						45.00
363	Ose je Honey Farm						3.73
364	Postmaster St. Louis		60.00				
365	Florissant Presy.		25.00				1748.65
366	Mid-Mo. Assn.						
367	Grail Oliver	268.64	316.62	73.53	63.23	42.00	30.40

(\$6.00 refund)

(\$60 refund)

See honey
booth report

DUES paid by Associations - March 12 through October 10, 1983

Boone Co. Regional	-	6	paid	\$18	North Missouri	-	4	paid	\$12
Central Missouri	-	14	paid	42	Ozarks	-	9	paid	27
Dallas County	-	31	paid	93	Ozark Mountain	-	31	paid	75
Eastern Missouri	-	172	paid	516	South Central	-	30	paid	90
Honey Dippers	-	12	paid	36	Tri County	-	3	paid	9
Honey Producers	-	7	paid	21	Two Rivers	-	1	paid	3
Jefferson County	-	29	paid	87	Individuals	-	29	paid	120
Laclede County	-	31	paid	93					
Lincoln County	-	4	paid	12					
Mid Missouri	-	29	paid	81					
Midwestern	-	29	paid	87					

SUMMARY - 1st part - 191 paid \$ 564.50
 2nd part - 471 paid 1422.00
\$1986.50

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1983 Missouri State Fair Honey Booth Report

EXPENSES

Beginning Inventory

15 - Kelley HOW TO @ \$1.055	\$15.83
56 - Root STARTING RIGHT @ \$1.27	71.12
400 - Kelley Honey Recipes @ 11.68¢	46.72
13 - Amana Honey Recipes @ 92.25¢	11.99
115 - B.C. Honey Recipes @ .85¢	97.75
24 - Clear Plastic Servers @ 46.2¢	<u>11.09</u>

\$254.50

Purchases - 1983 for stock

564 - Plastic Honey Servers	\$154.00
100 - Iowa Honey Recipes	65.00
590 - Kelley Books and Recipes	181.71
72 - Otagiri Condiment Pots	283.05
150 - Dadant books and candy	<u>162.16</u>

\$845.92

Osage Honey Farms - Honey for sale

200 - Cut Comb	\$259.71
120 - 1½ lbs Comb in jars	187.20
48 - 2½ " " " "	150.00
456 - 12 oz. Bears	329.46
504 - 1 lb. Extracted	448.56
408 - 2 lb. " "	336.60
60 - 4 lb. " "	191.00
10 - Gallons	82.50
250 - empty bears	<u>55.00</u>

\$2040.03

Less returns for credit

47 - 2 lb. Extracted	\$ 77.55
209 - 1 lb. " "	186.01
26 - empty bears	5.72
30 - 12 oz. bears	<u>21.90</u>

-291.18

\$1748.85

Beginning Inventory Expenses (from previous page)	\$ 254.50
Purchases - 1983 for stock (from previous page)	845.92
Osage Honey Farms - for honey (from previous page)	1748.85
70 - Cabana Sections	70.00
6 - lbs. Wax for wax cakes to be sold	<u>7.50</u>
COST OF INVENTORY	\$2926.77

Miscellaneous Expenses

Booth Contract	\$350.00
Cashier checks (Otagiri)	2.00
Ample Industries - Labels	113.43
Telephone calls about stock	27.23
Plastic stirrers and bags	17.05
Paper towels, Ajax, Plastic Dishes	3.73
Honey for sampling	8.25
Mileage - Wills - stock Spfd to Sedalia	38.08
Sales Tax Paid (Cash)	232.41
Money Orders for Sales (Cash)	2.00
Trailer Parking - Tohtz	60.00
Season Passes - "	45.00
Supplies for Honey Promotion - Demos	<u>35.00</u>
	<u>\$934.18</u>
TOTAL EXPENSES	\$3860.95

Less Remaining Inventory

35 - Root <u>STARTING RIGHT</u> @ \$1.27	\$ 44.45
19 - Dadant <u>FIRST LESSONS</u> @ \$1.32	25.08
522 - Kelley Honey Recipes @ \$11.77¢	61.44
33 - B.C. Honey Recipes @ .85¢	28.05
42 - Japanese Condiment pots @ \$3.96	166.32
89 - Gold Plastic Servers @ .2512¢	22.36
5 - Wood Honey Servers @ .48¢	2.40
Honey Labels - 1 year supply	<u>56.71</u>

Less \$406.61
ADJUSTED EXPENSES **\$3454.14**

TOTAL Sales and Money Deposited
 Less starting cash

\$4416.58
-110.00

LESS ADJUSTED EXPENSES **\$4306.58**
-3454.14

PROFIT **\$ 852.44**

Submitted by Jay and Jean Tohtz - Chairpersons
 T.C. Hardin - Treasurer

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The following article comes from the Sept./Oct. issue of the AMERICAN BEEKEEPING FEDERATION newsletter.

E.P.A. ACTS AGAINST ETHYLENE DI-BROMIDE (EDB)
Frank Robinson, Secretary-Treasurer

A notice signed by Wm. D. Ruckleshaus, Administrator, dated Sept. 28, 1983 announced the E.P.A.'s decisions to cancel the registration for most uses of the pesticide E.D.B.

Although the use of E.D.B. for fumigating stored honeycombs will still be permitted, a number of restrictions will be added to the label requirement. These restrictions are as follows:

For fumigation of beehive supers and honeycombs, the Agency is requiring the following use restrictions be stated on the label for such EDB products:

- a. Fumigation may be conducted only by a certified applicator.
- b. A full-face black canister respirator approved for use with EDB by MSHA/OSHA, and EDB-resistant gloves (butyl rubber only), and boots/covers and apron (made of butyl rubber, nitrile, or polyethylene) must be worn by the applicator at all times during the treatment.
- c. Supers and honeycombs must be placed in a gas-tight room or under a gas-tight covering such as polyethylene tarpaulin held down with sand-filled "snakes". If the treatment is performed in a building, all windows, doors, and vents must be sealed. All persons not involved with the fumigation must be vacated from the building. If a tarpaulin is used, it must be completely aired for at least 24 hours before re-use.
- d. Following the treatment period, a full-face black canister respirator approved by MSHA/OSHA must be worn when reentering during the 24 hours following treatment. All doors, windows, and vents in the structure must be opened at this time. Aeration of the building and beehive supers or honeycombs for 24 hours is required before reentry is permitted. During fumigation and aeration, warning signs must be posted which contain these reentry restrictions.
- e. Treatments must be applied solely to clean supers or honeycombs mounted in frames in storage.

In addition to these label changes, the Agency will require by separate action, pursuant to FIFRA section 3(c)(2)(B), the following data from registrants by July 1, 1984:

- a. EDB air levels to which applicators are exposed during conditions of use of EDB products for fumigation of beehive supers and honeycombs.

- b. Number of users and volume of EDB used for this purpose.
- c. Residue studies to determine if EDB is detectable in honey from fumigated supers and honeycombs.

Research is in progress to develop the data required for applicator exposure, and residues in honey from fumigated supers of combs.

So while the E.D.B. is "still with us", its future use is still in question!

EDITOR'S NOTE: EDB or Ethylene Di-Bromide is what is popularly known among beekeepers as wax moth fumigant. From the above information beekeepers should be aware that this chemical is **DEADLY TO HUMAN BEINGS IF USED INCORRECTLY**. It is a fast acting agent **IMMEDIATELY DANGEROUS AND DEADLY**. The applicator must always use proper application methods with proper protective clothing. Fumigation should **NEVER NEVER** be done in a residence or basement or area where others who are unprotected are present. Fumigant **MUST BE STORED** in its **ORIGINAL PROPERLY LABELLED CONTAINER**. **NO** Breakable containers or other substitute containers should be used. This is not only illegal but it is courtin' tragedy. And of course the fumigant must **NEVER** be stored where children could open the container.

In the past, at least one doctor has stated that no applicator should ever consume any alcohol for a period of time before, during or after use of the fumigant. Alcohol makes the body many times more susceptible to the deadly agent of the fumigant.

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ATTENTION: LOCAL ASSOCIATIONS!!!

FILM AND SLIDE SETS

In accordance with the vote of the membership at the Fall meeting, the Treasurer has ordered the two films entitled **BEE MANAGEMENT**.

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, 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, these are one film.

BEE MANAGEMENT: MONEY 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 a commercial too.

Also all of the officers of the State Association concurred with the thought of acquiring a number of slides and films for a library for the use of the local associations. So it was decided to purchase the five (5) slide sets from A.I. Root Company. These have been ordered.

HONEYBEES (67 slides) - An introduction to the honeybee; showing the development and describing the behavior and activities which is 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.

Since the Association has had no experience in issuing for use the slide sets and the films, we are offering the following as guidelines for requesting and returning:

1. The two films will be shipped for one date and showing.
2. Each slide set will be shipped for only one date and showing (therefore, it will take 5 different dates to show all of them). Each set has from 67 to 80 slides along with a type-written commentary and a cassette tape commentary that will require a tape player for sound effects.

3. The State Association will pay forwarding postage and will expect to be reimbursed by the local for that postage. Each local will immediately return the slide set after showing via first class mail postage paid. Then mail a check for the postage as shown on receiving said set or film.
4. Each requesting local will request the slide set (by title) or the film, along with your choice of one, two, or three suitable dates for showing. The local will be immediately notified of the date that will fit into the calendar of schedules.
5. At this time we do not know the postal time required - so let us assume one week before and one week for returning after showing. Promptness will allow more of our members to see the sets and the films. You may use UPS if your community has a shipping office.
6. Please return the slide set or film in good condition (as you would like to receive them).
7. For now, T.C. Hardin, 1829 W. Washita, Springfield, Mo. 65807 will handle all requests and returns. After all the "bugs" are worked out, perhaps someone else will volunteer for this activity.
8. Insure each slide set for \$40; films (2) for \$250.

We hope to be ready to receive requests for January.

MISSOURI HONEY COOKBOOK

Mrs. Jean Tohtz who held the cooking with honey demonstrations at the State Fair this Fall would like to put together a Missouri Honey Cookbook. She would like to have this cookbook ready for the 1984 State Fair.

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 Jean Tohtz at 113 Woodridge, Kirkwood, Mo. 63122.

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 clearly. Check to be sure that the measurements are correct. And include complete mixing and baking instructions.

Hoping to hear from many of you!!!

ORDERING QUEENS

If you intend to requeen in the Spring, be sure to place your order soon after the first of January. An early order helps to insure that you can have your queen on or about April 1.

CATALOGUES

If you are a new beekeeper or if you haven't ordered equipment for a while, you may wish to send a request to several of the bee supply companies asking for their 1984 catalogues. Names and addresses can be found in the bee magazines and newspaper. However, here are a few of the larger, well-known bee supply firms. Catalogues are free.

Dadant & Sons, Inc.
Hamilton, Illinois 62341
Phone - 217-847-3324

Walter T. Kelley Co.
Clarkson, Kentucky 42726

Maxant Industries, Inc.
P.O. Box 454
Ayer, Mass. 01432
Phone 617-772-0576

The A. I. Root Co.
P.O. Box 706
Medina, Ohio 44258-0706

Pierce Mfg. Co.
2840 E. Whitestar
Anaheim, Calif. 92806

Strauser Bee Supply
Box 991
Walla Walla, Washington 99362
1-800-541-8908

Forbes & Johnston
P.O. Box 535
Homerville, Georgia 31634

Hubbard Apiaries
M-50 at Springville
Onsted, Michigan 49265
517-467-2051

BEES & HONEY RETURNS!

Bees and Honey is a monthly four page newsletter filled with interesting and useful information about beekeeping. There are short articles about management, marketing, research, pollination, new books and a variety of other information. You get the "cream" without space lost to advertising.

Subscriptions are for a calendar year. Payment at any time during the year will bring you all ten issues for that year. We skip July and August.

Twenty five or more subscriptions sent to one address are available at a reduced rate.

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May God bless all of us during this Holiday Season!!!

Carol Boeckmann, Editor

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