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# EAS JOURNAL

EASTERN APICULTURAL SOCIETY OF NORTH AMERICA, INC.

OCTOBER, 1978

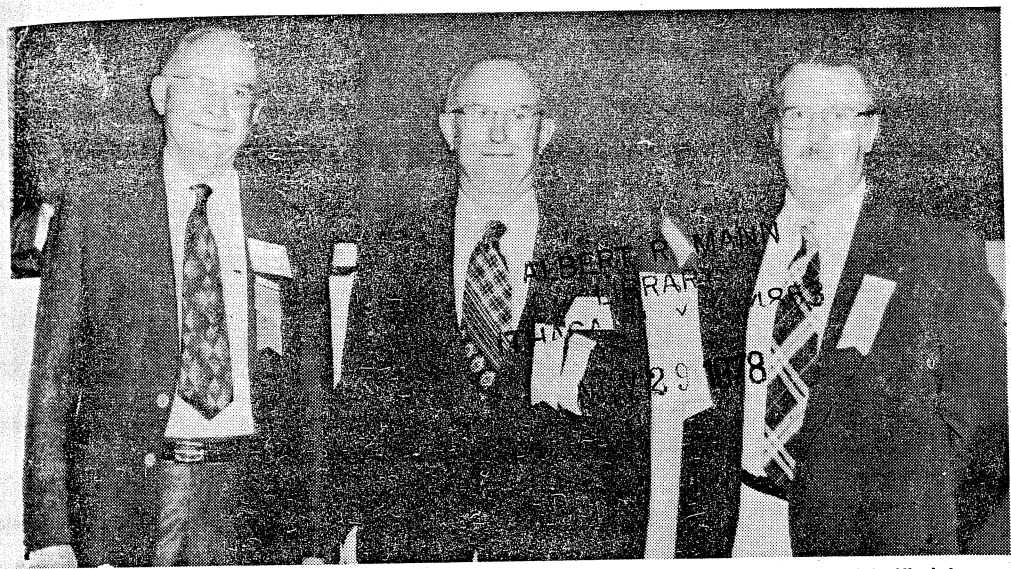
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**E.A.S. Conferences**  
ttawa, Canada - 1979  
1980  
Jersey - 1981 (if approved)



New Life Members L to R Rev. Carl Webb, Fla., Anthony Melgey, Conn., Rudolph Goodrich, Virginia.

U.S. POSTAGE  
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08879



LEFT TO RIGHT - Ohio State Honey Princess, Pete Bizzoso, Long Island, Gadget Show, Joseph Uttaro, Mass., Mead, Ohio State Honey Queen, Marla Carr, John Cantatory, New Jersey, Extracted Honey, 4th. consecutive year, Mrs. Eloise Davis, Virginia, winner of both Sweepstakes Bowls, and Al Delicata, Mass., winner of Chunk Honey, 4th consecutive year and the Beeswax Award.

**24th ANNUAL EAS CONFERENCE  
AUGUST 9-12, 1978  
WOOSTER, OHIO**

A huge swarm of over 600 hobbyist beekeepers from 25 states, Canada, England, France and the West Indies landed on the campus of Wooster College, Wooster, Ohio and they stayed for the duration of the 24th Annual Conference of the East Apicultural Society.

The happy conferees were entertained Wednesday evening with a Square Dance, Sing-Along and Variety Show at Lowry Center with Don Cooke serving as the Master of Ceremonies.

President, John A. Root called the Conference to order Thursday morning and presided over the day's program. Before the opening of each day's program, Marilyn Rossiter entertained the group with the most beautiful organ music at the McGaw Chapel.

The Rev. Paul Varner gave the invocation and Dr. Roy M. Kottman, Dean of the College of Agriculture gave the welcome. The morning session featured Dr. E. C. Martin, National Program Staff, USDA, Beltsville, MD, whose topic was "The Contribution of Bees to Crop Production and the Environment." The importance of the relationship between bees and flowers, and he presented a slide show on how different varieties of crops are pollinated.

Also on hand for the morning workshop was Dr. John A. Kefuss, of Toulouse, France, who formerly resided in Canton, Ohio. Dr. Kefuss discussed "The Honey Bee Biological Clock" to which he has devoted many years of study.

A group of 180 ladies were bused to a luncheon held at the Ramada Inn. They were entertained by speaker, John E. Ford, Curator of the Secret Arboretum who spoke about "Secret Arboretum - It's Treasures and Secrets, Old and New." For the first time, a very enjoyable fashion show was conducted with 20 EAS members participating.

The following movies were held in McGaw Chapel, "USDA Movie on African Bees," and "Mathematics of Honey Combs." Charles A. Divelbiss, EAS Vice-President, presided over the Thursday afternoon session. An informal slide show was presented at McGaw Chapel and at the Library, a Mrz Video Tape on "Bee Venom Therapy" was shown. Charles A. Fisher, Vandalia, Ohio gave a talk about the "Ohio Honey Festival" and Charles A. Divelbiss, Mansfield, Ohio gave his "Report from Apimondia."

Buses transported Conferees to the A. I. Root Company in Medina where the group toured the entire facility. The store was bustling with customers and the entire afternoon was very enlightening. Many expressed surprise and delight at the candle making part of the operation. Refreshments were served on the grounds. The Agricultural Technical Institute personnel conducted the following workshops: "Cobana Honey Production" - Mr. Berry Semegran (2) "Package Bee Installation" - Victor Thompson (3) "Candle Making" - Dr. Robert Berthold (4) "Swarming" - Dr. John Ambrose (5) "Candle Making" - Ms. Jody Semegran and (6) "Disease Inspection and Identification" - Gordon Rudloff.

A cash bar preceded the barbecue which was held Thursday evening at the Medina Fairgrounds. The assortment of delicious food with second helpings and delightful desserts was satisfying. A book auction was conducted to help provide funds for the Honey Queens.

Richard Osborne, President of the Ohio State Beekeepers Association presided over Friday morning's session. Reverend Joe Stewart, from the First Baptist Church, Holyoke, Colo. spoke of "The Hobbyist and Inflation" and beekeeping practices in Colorado.

Frank Eischen, Susan Grant and Walter Rothenbuhler spoke about "Bee Research in Ohio" and he was followed by a talk by Charles Duncan, Santa Monica, California who spoke of "Two Opportunities That Come to an Urban Beekeeper." His slide show pertained to the removal of up to 38

**EAS JOURNAL  
Eastern Apicultural Society  
of North America, Inc.**

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\*Of which \$2.00 is subscription to Journal.

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swarms of honey bees from inside the siding of one home, and problems encountered in the process. The removal of honey bees, wax and honey from churches, etc. were mentioned. He mentioned in parts of California they have an excessive swarming problem.

Following is some of the business transacted at the Annual Business Meeting: The minutes of the '77 meeting were dispensed with. Liz Rodrigues, Secretary-Treasurer gave a report on the years activities and the following Treasurer's Report for 1978: Total receipts, \$6,095.19, total expenditures, \$5,299.60 and total EAS assets as of August 9, '78 - \$17,794.73. None of these figures reflect any monies received from the present Conference.

In the absence of Dale Bray, Chairman, Jack Matthenius gave the following Sites report: 25th Annual Conference - Aug. 8-11, 1979 - Carleton University, Ottawa, Canada; 26th - Aug. , 1980 - University of Vermont, Burlington; 27th - Aug. 5-8, 1981 - Rutgers University, New Brunswick, N.J.; 28th - Aug. , 1982 - University of West Virginia, Morgantown.

The following resolutions were approved by the vote of the body of the membership:

1. WHEREAS, The members and guests at the Eastern Apicultural Society have greatly enjoyed the hospitality and organization of the 24th. annual conferece held at Wooster, Ohio, and having benefited greatly from the lectures, papers and

presentations, THEREFORE, BE IT RESOLVED that this expression of sincere thanks and appreciation be extended to the Ohio State Beekeepers Association on behalf of the EAS, and be entered as a matter of permanent record in the annals of the Society.

2. WHEREAS, The death of Mrs. Marie Morse was a great loss to the Eastern Apicultural Society of North America and with great awareness of her dedication and many contributions to this organization over the years as Secretary-Treasurer-Historian, THEREFORE, BE IT RESOLVED that this resolution be adopted in her memory and be made a part of the permanent record.

3. WHEREAS, Riv Perry, Director from Rhode Island was appointed to act as temporary Treasurer of the Eastern Apicultural Society after the death of Mrs. Marie Morse, and performed a tremendous job in the transition period, THEREFORE, BE IT RESOLVED that this resolution be adopted as an expression of sincere appreciation to him for his interest and contribution to the Society.

4. WHEREAS, Adverse publicity concerning beekeeping has been emphasized by the media, THEREFORE, BE IT RESOLVED, that this Society collectively and individually, seek to counteract such publicity by seeking opportunities to demonstrate the necessity of honey bees as a vital link in the food chain, as producers of honey and as a visible hobby or commercial enterprise.

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Medina, Ohio

5. WHEREAS, Beekeeping is a critical and indispensable component of the human food chain, and, WHEREAS, Hobby beekeeping is an effective and time-tested management reservoir for beekeeping in general and, WHEREAS, the interaction of beekeeping with community life occasionally results in friction between a beekeeper and his fellow citizens, now THEREFORE, BE IT RESOLVED, that the Eastern Apicultural Society of North America adopts these guidelines for avoiding citizen complaints: MEMBERS WILL STRIVE TO - (1) Expand and share their knowledge of stinging insects. (2) Expand and share their knowledge of local law. (3) Expand and share their knowledge of apiculture. (4) Polish their manipulative skills so as to avoid provoking honey bees during hive manipulations (5) Prevent their bees from swarming. (6) Keep their beehives in inconspicuous locations, or at least keep them painted with camouflaging colors. (7) Provide when necessary to avoid complaints from other citizens: (a.) Water (b.) Inside Feed (c.) A flight barrier (d) Members will accept invitations to demonstrate their bee manipulation skills at fairs and expositions.

6. WHEREAS, The Agricultural Stabilization Conservation Service (ASCS) of the USDA is now engaged in a review of its conservation programs, and WHEREAS, ASCS is actively soliciting public comment and fresh ideas, THEREFORE, BE IT RESOLVED that Eastern Apicultural Officers submit to ASCS, National Staff, a recommendation that bee forage qualities be made a criterion in selection of plant species for conservation and reclamation projects and, BE IT FURTHER RESOLVED that EAS officers notify member associations of this opportunity to contact local and state ASCS offices to encourage attention to the honey bee as a wildlife resource.

New EAS Officers and Directors - August 11, 1978-1979 - Wooster, Ohio: Jacob C. Matthenius, Jr. - Chairman of the Board, N.J.; R.E. Ross Hopkins, President, Canada; Hugh J. Macleod, 1st. Vice President, Canada; John J. Tardie, 2nd. Vice President, Vermont; Liz Rodrigues, Secretary-Treasurer, N.J.; Philemon J. Hewitt, Historian, Conn.

Directors (4 years) - Dr. Clarence H. Collison, PA; Paul R. Comer, MA; Clyde Hutchinson, W. VA; Paul H. Rylander, R.I.; Matthew Scott, ME; Mervin J. Vaillancourt, Quebec, Canada; Dr. John T. Ambrose, N.C.

EAS was notified that its share of the Apimondia dues was increased to \$360. starting in 1978. After much talk for many months as to whether or not EAS should stay in or pull out of Apimondia, a motion was made that EAS withdraw its membership from Apimondia. After considerable discussion, both pro and con, the motion passed by a 62 to 59 vote that we withdraw from Apimondia.

Victor Thompson, EAS Director From Ohio presided at the Friday afternoon activities. Dr. Crossan Hys Curry, Miami University, Oxford, Ohio

gave a "Report of the Langstroth Memorial Committee." The Mraz Vidio Tape, "Bee Venom Therapy" was shown in the Library. Mr. Karl Maslowski, internationally known nature photographer, Cincinnati, Ohio spoke about "Wildlife by Day and by Night."

The following workshops organized by the Agricultural Technical Institute personnel, were presented: (1) "Skep Making" - Joe Gitta, (2) "Making Mead" - Dr. Roger A. Morse (3) "Dipping Candles" - Art Dean (4) Equipment Demonstration" by the A.T.I. Students and (5) Royal Jelly Production" - Mr. John Caulk, and a "Living Bee Beard" demonstration with Mr. Don Cooke and Mr. John Caulk which attracted a sizeable group of wide-eyed spectators. A Tour by private cars of OARDC (Secret) Arboretum was also conducted.

The following movies shown at the Agricultural Technical Institute: (1) "Mathematics of the Honey Comb," (2) "USDA Movie on African Bees" and (3) Baobab: Portrait of a Tree."

A fruit punch social preceded the Banquet at Lowry Center which opened C.A. Divelbiss gave the Blessing. Show Chairman, Dick Corrigan presented seven Silver trays and two Sterling Bowls to the Following winners:

Dadant & Sons Beeswax Trophy-Al Delicata, Mass.; A. I. Root Trophy for Comb Honey-Carl Reichers, N.Y.; Thomas E. Raney Honey Cookery Trophy-Rose Marie Craig, Ohio;The Speedy Bee Trophy for Extracted Honey-John Cantatory, N.J. (4th consecutive year); The Presidents Award for Chunk Honey-Al Delicata, Mass. (4th consecutive year); E.A.S. Director Trophy for Gadget Show-Peter Bizzoso, N.Y.; The Carlton Slater Trophy for Mead-Joseph Uttaro, Mass.; E.A.S. Sweepstakes Bowl for Honey Cookery-Mrs. Elise Davis, Virginia; E.A.S.



EAS Speaker - Rev. Joseph Stewart, Colo.

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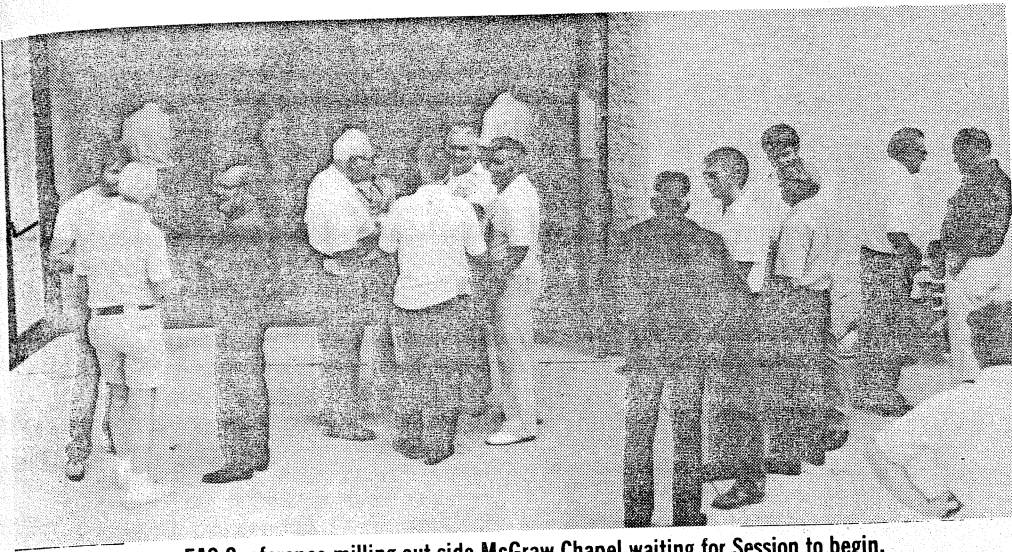
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EAS Conference milling out-side McGraw Chapel waiting for Session to begin.

Sweepstakes Bowl for Honey Show-Mrs. Eliose Davis, Virginia.

Yvonne Root reported there were 20 entries in the Fashion Show at the Ladies Luncheon and announced there was no ranking of the winners who were given token prizes. There were 3 categories: Garments (13), Hats (4) and Purses (3). Winners were: Garments - Inga Littig, Lakehurst, N.J., Rowena Stockwin, Sussex, England, Grace Vogel, Old Bridge, N.J., Joanna Melgey, Norwich, Conn., Patricia Kalonick, Adena, Ohio, Hillary Barrett, Action, Mass., Shirley Kleinic, Burbank, Ohio - Purses, Norma Wright, Chester, Conn. and Hats, Elsie Schavemaker, Meshanic, N.J. and Sue Evans, Easton, Maryland. The ladies enjoyed participating in the Fashion Show so much, they expressed that they hoped it would be continued in future Conferences.

A top public speaker, Mr. Don Wolfe, Assistant Manager-Editor of the Toledo Blade, was the main speaker and succeeded in keeping the entire audience in a constant state of laughter. Incoming president, Ross Hopkins thanked John Root for his work and exceptionally good administration and presented the President's Plaque to John Root for his dedicated service as EAS president for 1978.

Dr. John T. Ambrose presented that J.I. Hambleton Award to Dr. Hachiro Shimanuki, USDA Honey Bee Disease Laboratory, Beltsville, Maryland who is this year's recipient, for his outstanding contribution in research work.

Art Holmes, Chairman of the Life Membership Committee, presented the following new Life Members with badges and cards: John A. Root, Ohio; Edward A. Weiss, Conn.; Walter Wilson, Jr., N.J.; Rudolph C. Goodrich, Virginia; Anthony C. Melgey, Conn.; and Rev. Carl J. Webb, Florida. There are now 39 Life members.

The following is a tentative, state-by-state breakdown of attendance (573) from 25 states

Canada, England, France and the West Indies: Arizona 1; Arkansas 1; California 4; Colorado 2; Connecticut 25; Delaware 5; Florida 6; Georgia 2; Illinois 5; Indiana 6; Louisiana 1; Maryland 35; Massachusetts 47; Michigan 10; New Jersey 51; New York 52; North Carolina 1; North Dakota 1; Ohio 182; Pennsylvania 50; Rhode Island 6; Tennessee 9; Vermont 4; Virginia 27; West Virginia 16; Canada 16; England 2; France 4; West Indies 3.

Incoming EAS President, R.E. Ross Hopkins presided over the last day's activities. Dr. Roger Hoopingarner, Michigan State University, East Lansing, Michigan discussed "Divisions for Colony Increase or Requeen." Dr. Hachiro Shimanuki, the James I. Hambleton Award recipient of the silver plaque, gave a talk and presented a slide-show on Chalkbrood, and work being done at the Bioenvironmental Bee Laboratory, of USDA at Beltsville, Maryland.

Dr. Anita Collins, of the Bee Breeding Lab, USDA, Baton Rouge, Louisiana presented a slide show and spoke on "Alarm Communication: A First Step in Colony Defense." Dr. Tom Sanford Ohio State University gave an interesting talk about "pollen and the Beekeeper." A question and answer period followed each of the speakers.

The location of this year's Conference was selected after a national survey revealed that Wooster, Ohio was selected as the nicest town in the U.S.A. They were so right!

The Conferees bade farewell to their old acquaintances and newly made friends after having attended a very interesting and successful Conference. With plans to return for the 25th Annual Conference to be held August 8-11, 1979 at the Carleton University, Ottawa, Canada.

Submitted by:  
Liz Rodrigues,  
EAS Secretary

**Annual Board of Directors Meeting  
Wooster, Ohio  
August 9, 1978**

Roll of Officers - John A. Root, Pres., OH; C. A. Divelbiss, 1st Vice Pres., OH; R.E. Ross Hopkins, 2nd Vice Pres., Ont. Canada; Mrs. Liz Rodrigues, Sec. & Treas., NJ; Homer P. Powers, Past Pres., VA; K.G.A. Andersson, Past Pres., MA; Hugh J. MacLeod, Past Pres., Canada; Earl P. Cochran, Past Pres., W. VA; Jack Matthenius Jr., Past Pres. & Editor, NJ; Arthur R. Dean, Past Pres., PA; Dewey M. Caron, Chr. Res. Com., MD; Paul R. Comer, Alt. Dir., MA; Frank M. Fulgham, Jr., Dir., VA; David T. Hampton, Dir. Ont. Canada; Arthur C. Holmes, Chr. Life Members, MD; Clyde A. Hutchinson, Dir., W. VA; John V. Linder, Dir., MD; Charles E. Mason, Dir., DE; Anthony C. Melgey, Dir., CT; Riv Perry, Dir., R. Is; Peter Bizzoso, Alt. Dir., NY; L. Lester Shimp, Dir., NJ; John J. Tardie, Alt. Dir., VT; Victor C. Thompson, Dir., OH; Paul S. Ziegler, Dir. PA; Also present were: John T. Ambrose, NC; Philemon J. Hewitt, CT; Clarence H. Collison, PA and Art Rodrigues, NJ.

Minutes - It was moved by Earl Cochran, duly seconded and carried that the minutes of the Spring Board of Directors Meeting held April 8, 1978 at Wooster, Ohio be dispensed with, and they stand as they are recorded.

Treasurer's Report - Liz Rodrigues, Treasurer gave the following reports condensed here. Full reports will be distributed to the Directors.

(1) January 1, 1978 to August 9, 1978

Balance in Checking Account	
Dec. 31, 1977	303.84
Receipts	5,791.35
Total Receipts	6095.19
Total Disbursements	5,299.60
Working Checking Account Bal.	
Aug. 9, 1978	795.59

(2) April 8, 1978 to August 9, 1978

Balance in Checking Account	
Apr. 8, 1978	923.18
Receipts	1,771.79
Total Receipts	2,694.97
Disbursements	1,899.38
Working Checking Account Bal.	
Aug. 9, 1978	795.59

The total E.A.S. assets on hand as of August 9, 1978 are \$17,794.73. The figures do not include any monies from the Ohio Conference. There is an outstanding bill in the amount of \$795.56 which represents expenses for the Honey Show. A motion was made and duly seconded to accept the Treasurer's Report as given, pending the Audit Report.

President's Report - President Root reported Conference registration stands at 566 at this point and could possibly reach over 600 members. He attributed a lower registration cost and good

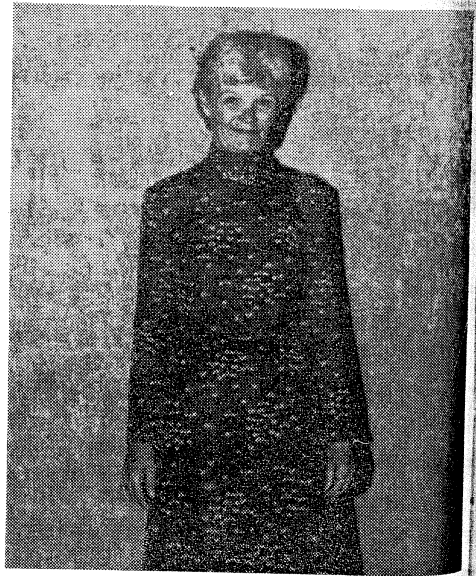
publicity for the excellent response. All key information gathered will be passed on to the Committee and to Liz Rodrigues, so the records can be updated. Vic Thompson designed a simple registration form that was most effective. Some Directors stated they would have preferred to receive confirmation of their pre-registration.

Audit Report - Riv Perry, Chairman stated that he would like to sit down with other members of the auditing committee prior to the Annual Business Meeting, and with Liz Rodrigues to discuss with them and bring them up to date on the part of the Treasurer's records that he handled. And that Liz can bring them up to date on her part of them.

Sites - In the absence of Dale Bray, Chairman, Jack Matthenius reported he and Dale Bray visited the Carleton University site in May to check out the facilities and found it an excellent place to hold next year's meeting. Ross Hopkins said because of the difference of money values, all of the money should be handled by the EAS Treasurer. This is the way the University wants it. Then Liz will report to the University. He suggested the registration fees be paid in U.S. Dollars. The University wants the account settled in 30 days. Ross will have some factual figures to present at the Fall Directors Meeting.

The 1980 site will be at the University of Vermont, Burlington; the 1981 site will be at the Rutgers University, New Brunswick, N.J., August 5-8, 1981, and the 1982 site will be at the University of West Virginia, Morgantown.

By-Laws - Hugh MacLeod, Chairman distributed copies of the newly revised By-Laws. Some of changes were approved over the past five years at Business meetings, but never incorporated. There were no major changes, those that were made



**LADIES FASHION SHOW - Blue ribbon winner, Mrs. Inga Littig, New Jersey.**

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reflect those made up until the last meeting. He and  
Liz Rodrigues reviewed the records and Hugh worked  
very hard to update them. He stated he would like to  
see the By-Laws committee be a standing committee  
and that the resolutions committee should be  
combined so that the two can be together.

Nominating Committee -- Jack Matthenius,  
Chairman reported the following slate of officers to  
be presented at the Annual Business meeting:  
President, Ross Hopkins, 1st Vice Pres. Hugh  
Macleod, 2nd Vice Pres, John J. Tardie, Sec. &  
Treas. Mrs. Liz Rodrigues and Historian, Phil Hewitt,  
Conn. Directors for 4 year terms; Clarence Collison,  
PA, Paul R. Comer, MA, Clyde Hutchinson, W. VA,  
Paul Rylander, RI, Matthew Scott, ME, John T.  
Ambrose, NC, and Mervin Vaillancourt, Quebec,  
Canada. A Director is needed from Vermont.

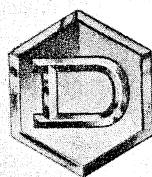
E.A.S. Records - Phil Hewitt was given a round  
of applause from the Directors for being  
instrumental in salvaging EAS records from 1955  
through 1969. President Root expressed his  
amazement at the dedication of members in the  
Society who take over in crisis and fill in so rapidly  
and willingly whenever an emergency arises in the  
Society.

Paul Comer stated that as an organization  
grows and ages, a considerable volume of records  
accumulate, shoved in a corner where they are never  
seen and seldom heard of. He feels a Committee  
should be appointed to review the oldest, past



Ross Hopkins, 1979 new EAS President.

records, to weed out the unimportant and retain the  
material that is worthy of our archives and consider  
micro-filming as a means of reducing the volume.  
Phil Hewitt reported the early records of EAS from



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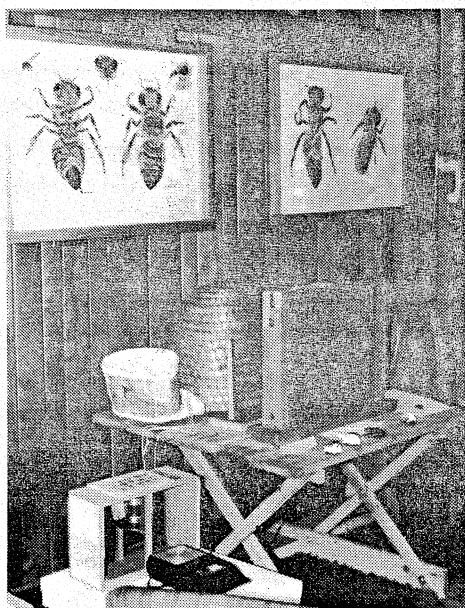
#### Branch Office

233 Canisteo St.  
Hornell, N. Y. 14843  
Ph. 607-324-6644

#### Branch Office

2425 Carroll Ave.  
Lynchburg, Va. 24501  
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Other branch locations: Umatilla, Fla.; Grand Rapids, Mich.; Watertown, Wis.; Sioux  
City, Ia.; Hahira, Ga.; Paris, Tex.; Fresno, Calif.



**BLUE RIBBON WINNER in the Gadget Show.**

1955 to 1969 are in a looseleaf binder in consecutive order. Liz Rodrigues reported she has those from 1970 to the current time, which Marie Morse had also put in a looseleaf binder.

**J.I. Hambleton Award** - Art Holmes reported the program was set up in 1973 with 3 pages of instructions as to how the Committee was to function. The deadline for the receipt of nominations is Jan. 1st. The proposals must be accompanied by a biographical sketch and nominations and supporting information must be submitted to the Committee by Jan. 1st. The Committee consists of 2 scientists and 1 Director-beekeeper. Members are to evaluate the annual list of nominees by April 1st., each submitting a rank order of his evaluation to the Sec. of EAS. Three, top-rank nominees as averaged from the Committee list will be re-submitted to the Committee for re-evaluation. The awards will be made known to the Eas President by the Committee Chairman by July 1st. Art Holmes suggested that before this Committee can function, each member on it should have all the materials before those specified dates. Dr. Ambrose said previously when he contacted the former Chairman, they told him that they had no recent guidelines for procedures.

Hugh Macleod made a motion, seconded by Earl Cochran, "that the above situation as stated, be referred to the Science Advisory Committee." Motion carried. The Secretary will provide a copy of the Hambleton Award as updated in 1977 to each of the members on the Committee so that the guidelines set forth are followed hereafter.

**Life Membership** - Art Holmes, Chairman reported there are 3 new life members, Edward Weiss, CT, Walt Wilson, Jr., NJ and Rudolph Goodrich from VA, for a total of 36 Life members.

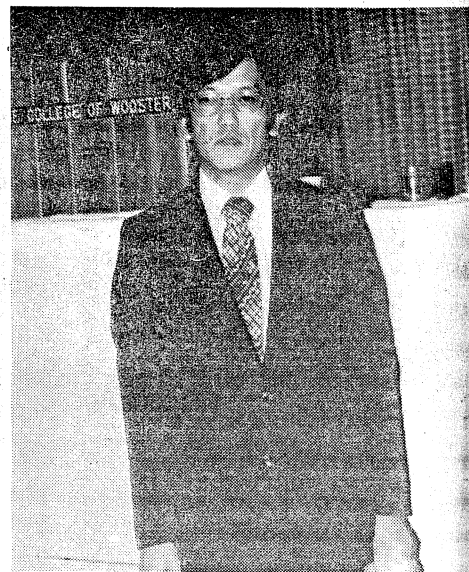
**Resolutions** - Earl Cochran, Chairman reported he has some resolutions on hand and requested some contributions because the beekeeping industry has been hard hit with some bad publicity in regard to adverse effects from bee stings, botulism spores in honey, causing deaths of infants, anti-beekeeping legislation, publicity about killer bees, a horse getting stung to death, carcinogenics in honey, and the movie "The Swarm"--all causing grave concern to the bee industry. He hopes to have some good resolutions to help counteract some of these problems.

**Legislative Committee** - Pat Powers, Chairman reported about his appearances before City councils in regard to beekeeping ordinances and a beekeeper charged with violating a nuisance ordinance. He stated that, "the defense that bees are everywhere, therefore, mine aren;t necessarily the ones that are causing the trouble, is a pretty good defense, but it really ought to be used only where the beekeeper is being abused."

Pat is going to come before the general Conference through the Resolutions committee with a set of resolutions establishing an EAS position for EAS member hobby beekeepers to help avoid confrontations. Such as: providing water, inside feed, flight barriers, preventing swarms and using proper manipulative skills.

Pat Powers made a motion, seconded by Pete Bizzoso, "that at the pleasure of the Chairman of the Board of the EAS, that EAS be prepared to supply expert testimony wherever hobby beekeeping is threatened with proposed prohibitive local ordinances within the boundaries of EAS. Motion Carried.

**Research Advisory Committee** - Dewey Caron, Chairman reported the Committee would like to



**Dr. H. Shiminuki 1973, J.I. Hambleton Award Winner.**

come to the Fall additional award undergraduate or graduate.

**Honey Industry** - the HIC, John Root recently in Chicago, them. They met with Honey Assn. of why it can be done in order accused of being a p is concerned. There Dr. White, a retired. He has performed for at the Easter Utiliza worked out the very honey adulteration a the test and advise Chemist's standpoint

**Apimondia** - Jar letters were sent organizations in the opinion in regard should be received to Apimondia, to be back unfavorable, should re-evaluate an replies were receive matter. Charles Dive better way than thr for the 65 member other nations.

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come to the Fall meeting with some sort of additional award or recognition for either undergraduate or graduate students.

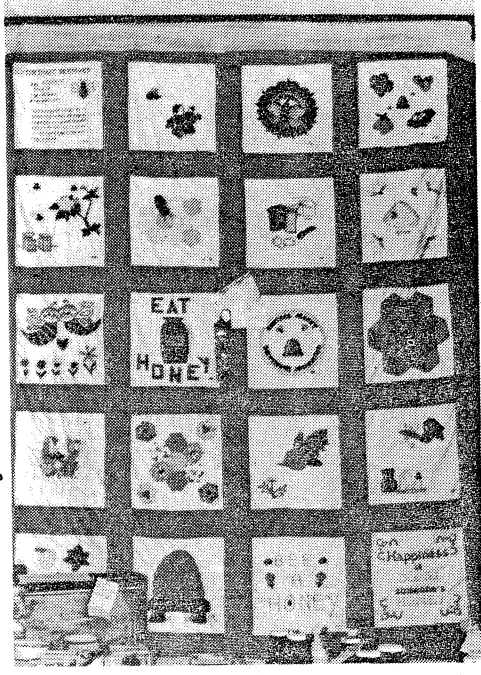
Honey Industry Council - As representatives of the HIC, John Root reported that the Council met recently in Chicago, but he was unable to be with them. They met basically to discuss with the Six Honey Assn. of why they did what they did, and what can be done in order to try to keep honey from being accused of being a problem as far as infant botulism is concerned. There was no action taken. They hired Dr. White, a retired Chemist, on a consultant basis. He has performed for many years in honey research at the Easter Utilization Lab in Phila., Pa. He has worked out the very unique system of determining honey adulteration and will be training people to do the test and advise them on a legality from a Chemist's standpoint.

Apimondia - Jack Matthenius reported that 13 letters were sent to National beekeeping organizations in the U.S. to get their consensus of opinion in regard to Apimondia, and this reply should be received before EAS paid the \$360 dues to Apimondia, to be a part of it. If the letters came back unfavorable, or arbitrary to this, then we should re-evaluate and assess the situation. Only two replies were received. One, took no stand in the matter. Charles Divelbiss said that he knows of no better way than through Apimondia, that research for the 65 member nations is disseminated to the other nations.

Earl Cochran made a motion, seconded by Ross Hopkins, "that EAS not pay the \$360. dues to Apimondia, and withdraw from it."

There was considerable discussion both pro and con. John Lindner made a motion, seconded by K.G.A. Andersson, "that we table the motion not to pay dues to Apimondia." Those in favor of tabling the motion - (9) those opposed the motion (10). The motion to not pay the dues and withdraw from Apimondia is still under consideration.

The vote was taken in regard to the original motion, "to pay the \$360 dues to Apimondia and to withdraw from it," The motion passed by a 12 yes, and 9 no votes. K.G.A. Andersson inquired whether this could be brought up before the general



**CENTRAL JERSEY BEEKEEPERS QUILT - Entered Arts & Crafts category - Blue Ribbon Winner.**

membership at the Business meeting and John Root advised him that it could.

Chairman of the Board - Hugh Macleod made a motion, seconded by John Lindner, "that Jack Matthenius be nominated to serve as Chairman of the Board of EAS." After no other nominations were made from the floor, Earl Cochran made a motion, seconded by John Lindner, "that nominations be closed." Motion Carried.

Secretary, Liz Rodrigues cast the unanimous ballot for the election of Jack Matthenius of New Jersey to serve as EAS Chairman of the Board. The Board gave Jack a round of applause.

Fall Board of Directors Meeting - A majority of hands showed the dates of October 6 and 7th to be the most favorable for the Fall Board of Directors meeting to be held in the vicinity of Trenton, NJ but most likely in the Bordentown area.

Eastern Pollination Society - Earl Cochran mentioned that although EAS turned down this Society in the past in regard to a contribution, he hoped it was possible in the future to come up with some positive action in regard to pollination and pesticides. He said perhaps we can do something next year in the Fall.

There being no further business, the meeting was adjourned at 11:15 p.m.

Respectfully submitted,  
Liz Rodrigues

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## BEEKEEPING SHORT COURSE Cornell Univ., Ithaca, July 20, 21, 22, 1979

Friday evening, July 20 - 5:00-8:00 p.m.  
Registration; 7:30 p.m. Movies on Bees.

Saturday, July 21 - 8:00 a.m. registration; 8:30 a.m. Beekeeping Equipment - Prof. Morse; 9:30 a.m. Seasonal Management - Prof. Clarke; 10:30 a.m. Rearing Queens - Mr. Robinson; 1:00 p.m. Bee diseases and pesticides - Mr. Stevens; 2:00 p.m. the sense world of the honey bee - Mr. Nowogrodzki; 3:00 a.m. Producing comb honey - Prof. Morse; 4:00 p.m. honey plants - Mr. Sierigk; 6:30 p.m. dinner-speaker.

Sunday, July 22 - 9:00 a.m. - 12:00  
Workshops: Homemade equipment, diagnosing diseases, queen rearing, cooking with honey, judging

### Arthritis & Bee Venom & Killer Bees to be Featured at D.V.C.

A three part program dealing with the use of bee venom to treat arthritis; the so called "killer" bees; and the role played by honey bees in suburbia will be presented on Thursday evening, November 9, 1978, at 8:00 p.m. The program is being sponsored jointly by the Bucks County Beekeepers' Association and Delaware Valley College. It will be held in Mandell Hall Auditorium on the Delaware Valley College Campus, Route 202 just west of Doylestown, Pennsylvania.

The bee-venom-arthritis part of the program will consist of the showing of a video tape of a nationally broadcast T.V. news commentary show. The show featured the work being done in the United States in treating arthritis with bee venom including that of Charles Marz of Middlebury Vermont and Dr. Vic of the United States Army. The "killer" bee portion of the program will feature the showing of the film produced by the United States Department of Agriculture to counteract the potential negative impact on the honey bee industry in the United States by the film "Swarm." The third portion of the program will be the showing of two video tapes of locally broadcast T.V. shows on honey bees featuring local beekeepers.

The meeting is open to the public, and the Bucks County Beekeepers' Association's Annual Honey Show will also be held at the same time.

White coveralls - \$3.25 each Fabric-like synthetic material for light duty use. Aluminum zipper. Very lightweight. Excellent protection. Guaranteed not to attract or irritate bees. Sizes S M L XL XXL. Include 50' for shipping. **V & V COMPANY - P.O. Box 101 Central Station, Jamaica, New York 11435.**

honey, wax working, comb honey equipment making good combs; 1:00 -3:30 p.m. open house and demonstrations - Dyce Laboratory: extracting, bottling, mead tasting, making colony inspections, solar wax extractor, queen rearing techniques, removing honey, installing packages, wintering bees, beekeeping gadgetry, bait hives.

Instructors include Professor Roger A. Morse, Cornell Lecturer Jon C. Glase, New York State Chief Apiary Inspector Gerald Stevens, retired Extension Specialist in Apiculture at Pennsylvania State College Professor W. W. Clarke, Author and Lecturer Bess Clarke, Author and Lecturer Dr. Grant D. Morse, Commercial Beekeeper Jonathan P. Ryan, and graduate students Richard Nowogrodzki, Willard Robinson and Steven Sierigk.

Participants are invited to bring honey samples for judging on Sunday morning. A beekeeping supply dealer will have his wares available at Dyce Laboratory on Sunday afternoon.

Participants will stay in student dormitories and eat in the university dining room. Lecture and demonstration rooms are air conditioned; the dormitory dining room and lecture hall are within a few hundred feet of each other. Enrollment will be limited. The cost is \$70 per person. This includes a single room for two nights, three meals on Saturday and two on Sunday, all instruction materials and registration fee. Double rooms are \$5.00 less per person (total \$65.00). Full linen service is provided. Registration forms may be obtained from: Office of Apiculture, Department of Entomology, Comstock Hall, Cornell University, Ithaca, New York, 14853.

### GADGET SHOW

Because of the success of the gadget show at the winter meeting, there will be another at the summer picnic, with five place ribbons to be awarded. Bring along anything you have made up that is different and that you found useful. Ray Churchill will bring along some of his devices, for the interest of members, and he will also assist in the summer gadget display.

### Roadside Planting

In Ontario, the Ministry of Agriculture and Food and the Ministry of Transportation and Communications have announced a joint program of roadside planting using plants desirable for the production of honey. Four legumes are being tested this year, to see how well they serve for both ground cover and as nectar sources. These are alfalfa, red clover, alsike, and white dutch clover.

The common sense of this idea is too obvious to belabor.

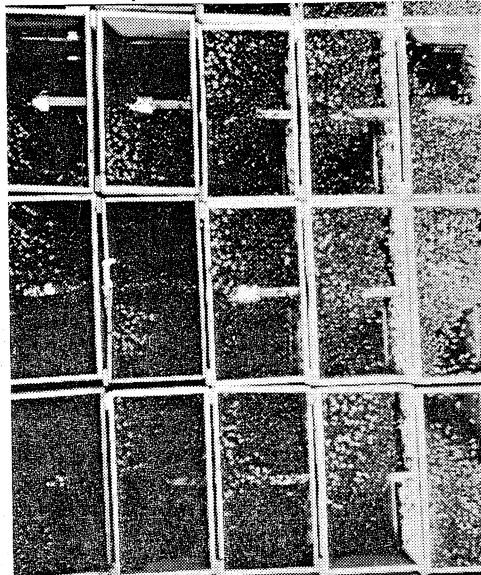
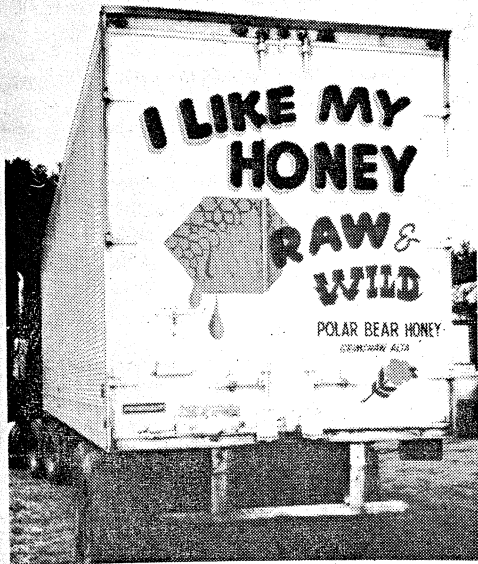
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## EASTWARD HO!



On Saturday, April 29th, Mark Hopkins, President of Marasan Honey Limited, left Glenn, California, with a load of 2,000 three-pound packages of bees. On Tuesday, May 2nd, just sixty-five hours later, the cargo arrived in Ottawa, Ontario, thus completing the longest commercial package haul out of California!

Traditionally Marasan Honey Limited of Ottawa, Canada, has provided beekeepers and bee supply dealers in eastern Canada and the northeastern states with package bees and queens from the southeastern states. This usually entails transporting bees 1,500 to 1,800 miles in about a thirty-six hour period.

This year sufficient packages were booked with a southeastern Mississippi shipper in January, but the unusually cold winter and much delayed out spring brought the early pronouncement of a one week postponement. After an additional two week postponement of the shipping date and numerous excuses, it was abundantly clear that alternative arrangements would have to be made to meet commitments to customers. Because the major southeastern shippers were by this time solidly booked until mid-May and later, California shippers became the only alternative source for packing bees, (California shipping season for commercial loads usually declines after April 20th).

Although by late April there were bees available in California, this unfortunately created a bit of a dilemma. The availability of bees was offset by the risks incurred in transporting them over three thousand miles by truck through some hot, arid country.

Discussions were held with John Woodburn of Polar Bear Honey Limited, Grimshaw, Alberta, regarding the use of his refrigerated trailer. Although single storey nuclei have been hauled in

'reefers' with good results, package bees have not enjoyed the same measure of success. A Thermo King NWD 30, which can keep frozen ice-cream at -10 F, can't keep 3,000 two-pound packages of bees below 75 F during normal daytime temperatures. Air circulation inside the reefer is not complete and the air can smell a bit stale at times.

Hopkins and Woodburn felt that crushed ice could be blown on to the load if necessary and the rear doors left open in the daytime to facilitate air circulation. In addition, by opening the side door when stopped for fuel and meals, they felt there would be sufficient air circulation to reduce the build up of carbon dioxide. However, the risk was still high and it was agreed that the normal 'live delivery' guarantee of the transporter would be waived. Marasan Honey Limited would assume sole responsibility.

Arrangements for supplying the bees were made with C.F. Koehnens & Sons, of Glenn, California (north of Sacramento). The choice of supplier, which was based solely on the ability to handle the order (three-pound cages are not usually stocked in California), was most fortunate. Realizing the potential problems in the trip, the Koehnens made a special effort to supply fresh, young bees (no swarm bees) on a small honey flow. They were able to fill 2,000 three-pound packages in less than two days. This seems typical of the impressive production capabilities of the California shippers. Willingness to co-operate with each other, which is evidenced by the standardization of cages in that state, is another very valuable characteristic.

And there is a noticeable difference between California and the southeast in the feed can utilized. Instead of a can with two small nail holes punched in the lid, the California can has a 1/2" hole covered by a cloth screen that is held in position by a plastic

snap ring. This closure will allow the can to be refilled. At the end of the journey it was found that these western cans contained more feed after travelling almost twice the distance.

Another problem to be considered was the loss of syrup due to changes in atmospheric pressure over high elevations. The Donner Pass (altitude 7,088 feet) was one of many potential hazards. If too much syrup was lost during the climb, then the bees could, conceivably, be short of feed long before arrival at their Ottawa destination.

Hopkins decided to test the leakage of syrup from a feeder can while ascending and descending the Donner Pass and it amounted to about one-quarter of a cup. The assumption that altitude and resultant pressure changes cause excessive loss of syrup is not necessarily correct. The feed dripped out at irregular intervals at a rate which the bees could easily consume. Probably more syrup is lost on bumpy, frost-heaved roads. Using thick syrup and a trailer with air suspension should greatly alleviate this problem.

The equipment supplied by Polar Bear Honey Limited withstood the rigors of continuous high-speed driving with only one combined meal/fuel stop and one additional meal stop per day.

The three drivers, Mark Hopkins, John Woodburn and his employee Wayne Mutch, combined considerable experience on package hauling with a strong background in long distance trucking. No time was lost for coffee breaks, and the company slogan on the rear of the Polar Bear trailer, "I like my honey raw and wild," amused many a highway traveller and weigh-scale operator.

On a transcontinental trip the truck stops eventually lose their distinctive identities, becoming vague and confused memories. Those of Nevada are a notable exception. Boomtown, just inside the Nevada border, was the first and most spectacular. "The most glamorous truck stop I've ever seen," remarked Hopkins. "It was also a 24-hour a day gamblers' haven. There's nothing like it in the east."

However, when asked if he wanted to try his luck, he replied "No thanks. My gamble is parked out on the lot."

It took less than three days to traverse just over three thousand miles. Continuous driving and cool weather contributed to the success of this latter-day odyssey.

In retrospect, it was an accomplishment. However, when planning the trip and wading through a myriad of last minute details, there was plenty to worry about. Carrying the risk of a load of bees worth more than \$46,000 across many miles of desert on probably the longest truck haul ever attempted out of California made for many anxious hours both before and during the journey. "If I hadn't been for the need to supply beekeepers, whose livelihood required these packages, we would have never attempted the trip," Hopkins commented.

Sequel

According to Murphy's Law, everything that can go wrong will.

At the same time that Hopkins was enroute to Ottawa with the California load, Marasan Honey's own truck and trailer were to leave Louisiana and Mississippi with close to two thousand packages of various sizes. This load, which had been originally scheduled to leave Mississippi on April 12th, finally left on April 26th. Instead of the expected 1,900 packages, there were only 700 -- not enough to cover expenses.

To make up for this additional shortage from the southeast, 1,000 three-pound packages and 500 two-pound packages were brought in by air from California. Although the air freight was expensive, the bees arrived in perfect condition and incurred no-visible stress.

Thus air freight to the east for a small additional charge may be the ultimate way to ship package bees. The superior condition of the bees on arrival is worth the extra cost. Better packages mean a bigger crop. That's what it's all about!

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