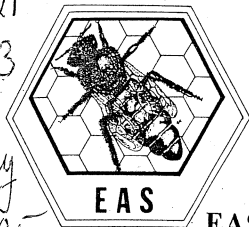


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# EAS JOURNAL

EASTERN APICULTURAL SOCIETY OF NORTH AMERICA, INC.

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Tentative Program

JUN 06 1975 EASTERN APICULTURAL SOCIETY

August 13, 14, 15 and 16

**WEDNESDAY, AUGUST 13, 1975**

1:00 p.m.	Registration	12:00 noon	Lunch
3:00-5:00 p.m.	Delegates' Meeting	12:00 noon	Ladies' Luncheon, Bourne Mill, Bourne, Massachusetts
5:00-6:00 p.m.	Cash Bar	1:15 p.m.	Optional Tours
6:00 p.m.	Dinner	2:00 p.m.	Professional Apicultural Society
7:30 p.m.	Entering of All Exhibits	4:00 p.m.	Workshops
7:30-9:30 p.m.	Directors' Meeting		Honey Cookery - Mrs. Bess Clark, Canton, Pennsylvania
7:30 p.m.	Harold Stevens, Weston, Massachusetts; Slide Program, "Nectar and Honey Plants"		Opening Hives - Jack Matthenius, Phillipsburg, New Jersey
8:15 p.m.	Massachusetts Department of Agriculture Film "Partners of the Land"	6:30 p.m.	Clambake
		8:00 p.m.	Workshops

**THURSDAY, AUGUST 14, 1975**

7:30 a.m.	Breakfast		Beeswax and Its Uses - Dr. Robert Berthold, Doylestown, Penna.
9:00 a.m.	Call to Order, President K.G.A. Andersson, Northboro, Massachusetts		Honey Wine - Dr. Dewey Caron, Adelphi, Maryland
	Invocation		
	Welcome, Frederic Winthrop, Jr., Massachusetts Commissioner of Agriculture		
9:30 a.m.	All Exhibits Should be Entered for Judging		
10:15 a.m.	Coffee Break		
10:30 a.m.	Fred E. Westbrook, Washington, D.C., Agronomist, Extension Service, "Pollination and the Honeybee"		
11:00 a.m.	George E. Cantwell, Beltsville, Maryland, Research Entomologist, U.S.D.A., "Control of Diseases of the Honeybee"		
11:30 a.m.	Dr. Chester Cross, East Wareham, Massachusetts, Director, Cranberry Experiment Station, University of Massachusetts.		

**FRIDAY, AUGUST 15, 1975**

7:30 a.m.	Breakfast
9:00 a.m.	Dr. Henry Hagedorn, Amherst, Massachusetts, Asst. Professor, University of Massachusetts, "Management of the Hive"
9:30 a.m.	Dr. Radclyffe B. Roberts, New Brunswick, New Jersey, Asst. Professor, Rutgers University, "How Honeybees Have Evolved so Complex a Society"
10:00 a.m.	Coffee Break
10:15 a.m.	Eastern Apicultural Society Reports and Annual Business Meeting
12:00 noon	Lunch
1:15 p.m.	Optional Tours

(continued on page 7)

3 cents per pound or 12 of all chunk honey aged 72 cents per pound, er. Prices for all comb or pound compared with < prices averaged \$1.14 in 1973.

alers and large

042

COND CLASS PRIVILEGE PENDING AT South Amboy, N. J. 08879

## GYPSY MOTH SPRAY ACREAGE DOWN

Twenty-three municipalities in five counties will participate in the 1975 cooperative gypsy moth control program, according to William M. Cranstoun, director, Division of Plant Industry, New Jersey Department of Agriculture.

The total acreage to be treated with chemicals this spring amounts to about 13,000 acres. This compares with 66,000 acres last year. The sharp decrease in the acreage threatened with defoliation by the gypsy moth can be attributed to the success of the Department's two-pronged approach to controlling this serious forest pest, Cranstoun said.

"We are using selective chemical treatments in high value residential and recreational woodlands. On a statewide basis, we are releasing natural enemies of the gypsy moth. This policy of using both chemical and biological control agents appears to be working out extremely well," he stated.

The cost of the spray program is shared by the local government concerned, the State Department of Agriculture and the U. S. Forest Service. Municipalities which are advised by the Department that the gypsy moth will present a serious problem in their area may elect to participate in the program or may choose not to do so.

Aerial treatments are expected to begin a little later than usual this year because of the cold weather, which will delay the appearance of the gypsy moth caterpillars which feed on the foliage. Cranstoun expects that spray operations will begin

around May 12 in Burlington County which will be treated first.

In addition to financial assistance, the Department of Agriculture will provide both technical advice and guidance during the course of spraying operations. The insecticide, Sevin in most cases, will be applied by air. In a few "sensitive" areas, for example, where there are many bee colonies, the bacterial spray material, Bt (*Bacillus thuringiensis*) will be used.

Communities which will participate in the program this year are as follows: Burlington County, Chesterfield Township, Shamong Township and Southampton Township; Cape May County, Dennis Township, Middle Township and Upper Township; Middlesex County, Monroe Township and South Brunswick Township.

Monmouth County, Colts Neck Township, Eatontown Borough, Freehold Township, Howell Township, Manalapan Township, Ocean Township, New Shrewsbury Borough and Wall Township.

Ocean County, Berkeley Township, Brick Township, Jackson Township, Lacey Township, Lakewood Township, Plumsted Township and Stafford Township.

## BEE MEETING SCHEDULED AT DELAWARE VALLEY COLLEGE

There will be a Bee Meeting sponsored by the Bucks and Montgomery County Bee Associations in cooperation with Delaware Valley College, on Saturday, June 21, 1975.

The meeting will be held on the campus of Delaware Valley College and will begin at 12 noon, with a bring your own picnic lunch in front of Mandell Science Building. Come and enjoy the campus.

The formal presentation starts at 2:00 p.m. in the Mandell Auditorium. The speaker will be Dr. Dewey Caron, Beekeeping Specialist with the Department of Entomology of the University of Maryland.

Dr. Caron has a varied background in apiculture as a teacher, extension specialist, researcher and inspector. He is a graduate of Cornell University, where he studied under Dr. Roger Morse.

Dr. Caron's lecture is on Mead. Mead is a wine made from the fermentation of honey. It is one of man's earliest alcoholic beverages and the drink for which the Vikings had their terrible reputation.

Dr. Caron will also comment on other pertinent areas of beekeeping.

Following the meeting there will be an open house at the College's Bee House and Apiary.

The College is located on Route 202, one mile west of Doylestown, Pa.

Meeting will be held rain or shine.

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

President	K.G.A. Andersson
	Old Crawford Farm Northboro, Mass. 01532 (617) 393-8897
Vice-President	Fred Magee
	148 Turnpike Street West Bridgewater, Mass. 02379
Second Vice-President	Homer Powers
	203 North Governor St. Richmond, Va. 23219
Acting Secretary-Treasurer	Marie Morse
	Cornwall Bridge Rd. Sharon, Conn. 06069
Historian	Marie Morse
Director of Public Relations	David C. Newton
	Central Conn. State College New Britain, Conn. 06050
Editor	J. C. Matthenius, Jr.
	516 Victory Avenue Phillipsburg, N. J. 08865
Co-Editor	J.R. Wojciechowski
	109 No. Feltus Street South Amboy, N. J. 08879

Published Monthly at 109 No. Feltus St., South Amboy, N. J.  
Second Class Privilege applied for.

E.A.S. Journal \$2.00; Member \$3.00\*; Joint membership \$4.00\*; Family Membership \$6.00\*; Commercial Membership \$50.00\*; Life Membership \$100.00\*; Association Membership \$25.00\*.

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

The report of African bee problem USDA's Agriculture Since then several USDA. Some were Others were general potential problem public might face honey bees were to as africanization of

In the fall travelling through Panama, Costa Rica with officials, beek to become personal actions, and reaction africanization. The after this trip were of the people I visit

1. It is vitally bees out of the United as long as possible.

2. A means of of the africanized because we must do the impact of the behavior.

3. Research determine the relationship environment on africanized bees.

4. The level northern South America should be upgraded africanization if it sh

As a result of of my recommendation following steps:

Animal and Service has helped (\$3403) that will stage of honey bee the United States authorize international deal with problem bees, is current Congress. Efforts Central America procedures.

Agency for has been conducted discussions are the possibility of assistance expertise of beek means of accomplishment explored if necessary

## Activities of the USDA Relating to Bee Problems in Brazil - A Summary

M.D. LEVIN

National Program Staff, Agricultural Research Service

The report of the Committee that studied the African bee problem in Brazil was submitted to the USDA's Agricultural Research Service in mid 1972. Since then several actions have been taken by the USDA. Some were directly stimulated by the report. Others were generated by recognition of the potential problems beekeepers and the general public might face, if africanization of American honey bees were to take place with the same effects as africanization of bees in Brazil.

In the fall of 1973, I spent several weeks travelling through Argentina, Brazil, Colombia, Panama, Costa Rico, and Mexico, where I talked with officials, beekeepers, and scientists in an effort to become personally acquainted with the problems, actions, and reactions relating to actual or expected africanization. The recommendations that I made after this trip were based on discussions with many of the people I visited and were as follows:

1. It is vitally important to keep africanized bees out of the United States and Central America as long as possible.
2. A means of monitoring the northward spread of the africanized bees is of utmost importance because we must determine the rate of dispersion, the impact of the bees, and changes in their behavior.
3. Research should be done in Brazil to determine the relative influence of selection and environment on changes in the aggressiveness of africanized bees.
4. The level of beekeeping expertise in northern South America and in Central America should be upgraded so beekeepers can cope with africanization if it should occur.

As a result of the report of the Committee and of my recommendations, the USDA has taken the following steps:

Animal and Plant Health Inspection Service has helped Senator Dole draft a bill (S3403) that will make it illegal to bring any stage of honey bees, including semen, into the United States. S3403, which would also authorize international cooperative efforts to deal with problems relative to africanized bees, is currently being considered by Congress. Efforts are also underway in Central America to strengthen quarantine procedures.

Agency for International Development has been contacted, and informal discussions are being held concerning the possibility of assistance in upgrading the expertise of beekeepers in Panama. Other means of accomplishing this objective will be explored if necessary.

The ARS bee research program now includes several projects designed to provide the necessary information and the techniques that would be needed to deal with whatever problems might arise should africanization occur. These programs would be generally valuable in any case.

At the Baton Rouge Bee Breeding and Stock Center Laboratory, continued emphasis is being placed on the development of more efficient instrumental insemination and on studies of genetics.

Several ARS laboratories are studying techniques of queen and sperm storage and other management techniques that would contribute at least peripherally to controlled breeding as a way to solve potential africanized bee problems.

The Bioenvironmental Bee Laboratory at Beltsville is continuing to examine brood and bees from Africa and South America for diseases and parasites in an effort to identify strains that may show susceptibility or resistance.

Also this past spring, three extramural research projects were funded by ARS.

Scientists from the University of Kansas will make a 4-year monitoring and impact study in South and Central America.

The relative effects of environment and genetics on aggressiveness in africanized honey bees in Brazil will be studied over a 2-year period by scientists at the University of Sao Paulo, Brazil.

Scientists at the University of California, Berkeley, will continue to search for a taxonomic method of identifying africanized hybrids.

Another possible approach being considered would involve stationing two appropriately-qualified scientists at the Bee Breeding and Stock Center Laboratory. There they would carry on a research program specifically designed to prepare them to go to Brazil, or possibly another country, in one or two years if it proves necessary to work directly with African or africanized bees. Should future developments or research now underway make it unnecessary to send a research team to South America, these two scientists would be retained as a permanent part of the national bee research program. However, should research be needed in Brazil or elsewhere, this team would establish a temporary laboratory (4-6 years) at the most propitious location to study the behavior, biology, management and genetics of the africanized hybrids and would give particular attention to ways of detecting the undesirable characteristics and utilizing the desirable traits.

## EASTERN APICULTURAL SOCIETY General Rules for All Shows

1. All entrants must be registered with the Society and have paid the registration fee regardless of whether or not they attend the Conference.
2. Only one entry may be made in each class by any one family.
3. No identifying labels on any entry.
4. Entries registered Wednesday night 8:00-9:00 p.m. and Thursday morning 8:00-9:30 a.m.

### GADGET SHOW

Ribbons will be awarded to the top six winners in each class.

- Class 1 - Large devices, (honey extractors, wax rendering equipment, etc.).  
 Class 2 - Hives or machines (lifters, weighers, etc.).  
 Class 3 - Small miscellaneous items.  
 Class 4 - Non-competitive exhibit (no prize).

All entries must be accompanied by a written explanation. This is to be used in scoring by the judges.

Score Points:	Maximum
1. Explanatory text .....	25 points
2. Practicality .....	50 points
3. Ease of reproduction .....	15 points
4. Help to beekeeping .....	10 points
<b>Total</b>	<b>100 points</b>

### BEESWAX SHOW

Prize ribbons will be awarded to the top six winners in each class.

- Class 1 - Single piece of pure Beeswax, 1 lb. or more.  
 Class 2 - Pair of pure Beeswax candles, dipped.  
 Class 3 - Pair of pure Beeswax candles, molded.  
 Class 4 - Pair of pure Beeswax candles, fancy.  
 Class 5 - Novelty candles containing Beeswax (6 assorted).  
 Class 6 - Novelty Beeswax (additives permitted).

#### Special rules:

1. All entries in Class 1 should be covered with clear plastic film.
2. All entries in Class 5 must contain some Beeswax. Entries in this class are for colored and novel shaped candles.
3. All entries must be produced by the exhibitor.

Score Points:	Maximum
1. Cleanliness .....	35 points
2. Color and aroma .....	30 points
3. Uniformity of appearance .....	20 points
4. Freedom from crackage and shrinkage .....	15 points
<b>Total</b>	<b>100 points</b>

### HONEY SHOW

Prize ribbons will be awarded to the top six winners in each class.

- Class 1\* - 3 1 lb. jars Water White Extracted Honey  
 Class 2\* - 3 1 lb. jars Extracted Honey  
 Class 3\* - 3 1 lb. jars Extra Amber Extracted Honey  
 Class 4\* - 3 1 lb. jars Light Amber Honey  
 Class 5\* - 3 1 lb. jars Amber Extracted Honey  
 Class 6\* - 3 1 lb. jars Dark Extracted Honey  
 Class 7 - 3 sections of Light Comb Honey  
 Class 8 - 3 sections of Dark Comb Honey  
 Class 9 - 3 sections of Cut Comb Honey  
 Class 10 - 3 jars Finely Granulated Honey (16 oz. jars)  
 Class 11 - 3 jars Chunk Honey (1 lb.)  
 Class 12 - Cut Comb Frame of Honey (no wires)  
 Class 13 - Shallow Extracting Frame of Honey  
 Class 14 - Full Depth Extracting Frame of Honey  
 Class 15 - 3 Novel Shaped Containers filled with Honey (3 identical shaped containers)  
 Class 16 - Novelty Gift Box filled with Honey  
 Class 17 - Shadow Box or Niche Display of Honey or other

\*Queen Line Glass Jars in Classes 1-6.

#### Special Rules:

1. All jars must be sealed and have labels.
2. Frames must be clean and have no wax on them.
3. Section cut must be 7/8" thick.
4. Color will be judged by the judges.
5. All entries must be labeled with the name of the exhibitor and the date 74-Augus

#### Score Points:

1. Density (10 points)
2. Freedom from wax (10 points)
3. Cleanline (10 points)
  - a. Lint (7 points)
  - b. Dirt (1 point)
  - c. Wax (1 point)
  - d. Foam (1 point)
4. Flavor (10 points)
5. Absence of container (10 points)
6. Container Cleanline (10 points)

- Class 1 - 10 points  
 Class 2 - 10 points  
 Class 3 - 10 points  
 Class 4 - 10 points

#### Score Points:

1. Clarity (10 points)
2. Color (10 points)
3. Taste (10 points)
4. Body (10 points)
5. Bouquet (10 points)
6. Bottle (10 points)
7. Bottle Closure (10 points)

- Class 1 - 10 points  
 Class 2 - 10 points  
 Class 3 - 10 points  
 Class 4A - 10 points  
 Class 4B - 10 points  
 Class 5 - 10 points  
 Class 6 - 10 points  
 Class 7 - 10 points  
 Class 8 - 10 points  
 Class 9 - 10 points  
 Class 10 - 10 points  
 Class 11 - 10 points

#### Special Rules:

1. Entries must be sealed.
  2. At least 2" of honey must be in the jar.
  3. No "mix" honey.
  4. Entries will be judged by the judges.
  5. Pie crust will be judged by the judges.
- Score Points:  
 A. Baked Goods (10 points)
  1. General (10 points)
  2. Flavor (10 points)



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-9:30 a.m.

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ng by the judges.

.....	Maximum
.....	25 points
.....	50 points
.....	15 points
.....	10 points
Total	100 points

colored and novel shaped

.....	Maximum
.....	35 points
.....	30 points
.....	20 points
.....	15 points
Total	100 points

lass.

ainers)

Special Rules:

1. All jars must contain one pound of honey unless otherwise stated.
2. Frames must be wrapped in clear cellophane or plastic, or be placed in holders furnished by the entrant, and have glass on both sides.
3. Section comb must be wrapped in clear cellophane or be in window cartons.
4. Color will be determined at the time of entry by the official grading committee.
5. All entries must be the product of the entrant and must have been produced during the period August 74-August 75.

Score Points:

1. Density (water content above 18.6 disqualified) .....	Maximum
2. Freedom from crystals .....	20 points
3. Cleanliness - lack of: .....	10 points
a. Lint (7)	
b. Dirt (10)	
c. Wax (7)	
d. Foam (6) .....	30 points
4. Flavor	
Absence of, off flavor, overheating, fermentations .....	30 points
5. Container appearance	
Cleanliness and neatness .....	10 points
Total	100 points

MEAD

Prize ribbons will be awarded to the top six winners in each class.

- Class 1 - Mead Dry.
- Class 2 - Mead Sweet.
- Class 3 - Mead made with fruit juices.
- Class 4 - Mead Sparkling made with or without fruit juices.

Score Points:

1. Clarity .....	Maximum
2. Color .....	20 points
3. Taste .....	10 points
4. Body .....	20 points
5. Bouquet .....	10 points
6. Bottle .....	20 points
7. Bottle Closure .....	10 points
Total	100 points

HONEY COOKING SHOW (NONPROFESSIONAL)

Prize ribbons will be awarded to the top six winners in each class.

- Class 1 - Cookies, crisp .....
- Class 2 - Cookies, soft .....
- Class 3 - Bars or Brownies .....
- Class 4A - Cake, unfrosted .....
- Class 4B - Cake, frosted .....
- Class 5 - Yeast Bread .....
- Class 6 - Yeast Bread, fancy .....
- Class 7 - Yeast Rolls .....
- Class 8 - Quick Bread (fruit or nuts optional) .....
- Class 9 - Muffins (fruit or nuts optional) .....
- Class 10 - Candy .....
- Class 11 - Pie (rules apply to filling) .....

Special Rules:

1. Entries must be accompanied by the recipe as used written on 3" x 5" cards in triplicate.
2. At least 25% of the sweetening used must be honey.
3. No "mix", or prepared sweetened cereal is to be used.
4. Entries will be exhibited as received. Plates will not be available at the show.
5. Pie crust judged on appearance - i.e. not burned or broken up, etc.

Score Points:

A. Baked Goods	Maximum
1. General Appearance .....	20 points
2. Flavor .....	35 points

(continued on page 6)

**GENERAL RULES FOR ALL SHOWS--**

(continued from page 5)

3. Texture, grain, moisture, uniformity of color .....	30 points
4 Lightness .....	15 points
Total	100 points
 B. Candy	
1. Attractive appearance .....	20 points
2. Flavor .....	35 points
3. Texture .....	25 points
4. Handling quality in serving .....	20 points
Total	100 points

SWEEPSTAKES AND BOWL PRIZES will be awarded to the entrants with the greatest total number of points (points; Firsts - 10 Seconds - 6, Thirds - 4, Fourths - 3, Fifth - 2, Sixths - 1.

**AN ACT  
(Proposal)**

To further amend the Act of August 31, 1922, to prevent the introduction and interstate spread of harmful diseases, parasites, and germ plasm dangerous to the honey bee cultures of the United States, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of American in Congress assembled, That section 1 of the Act of August 31, 1922 (42 Stat. 833; 76 Stat. 169; 7 U.S.C. 281) is amended to read as follows:

"Section 1. In order to prevent the introduction and interstate spread of harmful diseases, parasites, and germ plasm dangerous to honeybees, the importation into the U.S. of all honeybees, including all life stages of bees and semen, of the genus *Apis* is prohibited and all such material offered for import or intercepted entering the United States shall be destroyed or immediately exported: Provided, that honeybees may be imported into the United States by the U.S. Department of Agriculture for experimental or scientific purposes: Provided further, that honeybees may be imported into the U.S. from countries in which the Secretary of Agriculture determines that no diseases, parasites, or germ plasm harmful to honeybees exist and that adequate precautions have been taken by such countries to prevent the importation of honeybees from countries where such diseases, parasites, or germ plasm exist."

Sec. 2. Section 2 of such Act is redesignated as 3 and is amended by inserting the word, "or any regulation issued thereunder" after the word "act."

Sec. 3. The Act of August 31, 1922, is further amended by adding a new sec. 2 to read as follows:

"Sec. 2. The Secretary of Agriculture is authorized to prescribe rules and regulations to prevent the introduction and interstate spread of harmful diseases, parasites, and germ plasm dangerous to honeybees."

**EAS MEETING**

Set aside August 13-16, the dates for this year's EAS meeting at the Massachusetts Maritime Academy located across the canal from Cape Cod. The Massachusetts beekeepers are hard at work producing what we believe will be the best EAS meeting ever. Speakers will be presenting recent bee information including control of diseases with ethylene orxide, nectar producing plants of the area and a wide variety of "how to do it" workshops. Time will be provided for side trips to nearby attractions, so numerous lists of choices will be provided. The Centennial will be underway in the heart of Historic New England providing opportunities to schedule "historic" vacations before and after the EAS Conference.

K.G.A. Anderson and Fred Magee are arranging accommodations second to none and prices are expected to ABOUT EQUAL those of last year! This alone is a fantastic achievement. Naturally, there will be a clambake as only New Englanders on the ocean can produce.

Shows are planned under the direction of Dick Corrigin. They will be better than ever with your participation. Look over the rules now and win one of the bowls this year -- Why not!

Mark your calendar now, and above all, make arrangements immediately if you wish to vacation in the area before or after the Conference. Reservations are mandatory because the area is a summer vacation location.



**E.A.S. Membership would like to thank A.S. Michael for the time and effort he has given to the Beekeeping Industry in the U.S.A. We wish he and Kay well in their retirement.**

**Tentative Program**

(Cont'd)

2:00 p.m.	Workshop
6:30 p.m.	Banquet Thompson University
9:00 p.m.	200
<b>SATURDAY, AUGUST 1</b>	
7:30 a.m.	Breakfast
9:00 a.m.	Franklin Hamilton New
9:30 a.m.	Graduation York
10:00 a.m.	Coffee
10:15 a.m.	P. W. University Ontario
11:15 a.m.	Alphabet Conn. Biological Waters Swarr
12:00 noon	Lunch
<b>TENTATIVE</b>	
Single Room	.....
2 in a Room	.....
3 in a Room	.....
Registration	.....

21:

Name (last) \_\_\_\_\_  
 Street Address \_\_\_\_\_  
 City \_\_\_\_\_  
 My husband/wife \_\_\_\_\_

Date \_\_\_\_\_  
 Send checks/money order  
 Sharon, Conn. 06069. Dec

..... 30 points  
 ..... 15 points  
 Total 100 points

..... 20 points  
 ..... 35 points  
 ..... 25 points  
 ..... 20 points  
 Total 100 points

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**EETING**

13-16, the dates for this  
 ie Massachusetts Maritime  
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Fred Magee are arranging  
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ould like to thank A.S.  
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 in their retirement.

**Tentative Program--**

(continued from page 1)

2:00 p.m. Workshop  
 6:30 p.m. Banquet and Awards - Speaker, Dr. Thom Fisher, Entomologist, University of New Hampshire  
 9:00 p.m. 200 Years of Beekeeping

**SATURDAY, AUGUST 16, 1975**

7:30 a.m. Breakfast  
 9:00 a.m. Francis O. Holmes, Henniker, New Hampshire, "Nectar Sources of New Hampshire"  
 9:30 a.m. Graduate Student, Cornell, New York  
 10:00 a.m. Coffee Break  
 10:15 a.m. P. W. Burke, Associate Professor, University of Guelph, Guelph, Ontario, Canada  
 11:15 a.m. Alphonse Avitabile, Waterbury, Connecticut, Associate Professor of Biology, University of Connecticut, Waterbury Branch, "Drones, Swarms and Bee Trees"  
 12:00 noon Lunch

**TENTATIVE COSTS**

Single Room ..... \$ 84.00  
 2 in a Room ..... 140.00  
 3 in a Room ..... 195.00  
 Registration ..... 12.00

Commuters - Meals plus registration . . . . 36.00  
 Campers - 3 day Site plus registration & meals . . . . . 15.00  
 Children Meals . . . . . 36.00

**Anyone Entering Shows must have Paid Registration Fee**

**BEEKEEPING SHORT COURSE WELL ATTENDED**

The Beekeeping Short Course, offered by Delaware Valley College this Spring, was well attended.

According to Dr. Robert Berthold, Director of the Beekeeping Course, this was the largest group ever in the four year history of the course. Berthold reported that over one hundred people enrolled this Spring. Berthold added that he has noticed an increased interest in Bees and Beekeeping and attributes this to the emphasis now being placed on nature and natural foods. Of course other factors include the capability of keeping bees in a highly populated area; the ease and less time consuming care that is required for beekeeping compared with other agricultural pursuits; and the fact that it is a profitable hobby.

Due to the tremendous response to the April course, plans have been finalized for the Summer Beekeeping Course, which will be offered on June 25, 26 and 27, 1975.

For additional information write or call Dr. Robert Berthold at 215-345-1500.

**REGISTRATION FORM**

**21st Annual Eastern Apicultural Society Conference**

Massachusetts Maritime Academy  
 Buzzard's Bay, Bourne, Massachusetts

August 13-16, 1975

Name (last) \_\_\_\_\_ (first) \_\_\_\_\_ Mr. Miss Mrs.

Street Address \_\_\_\_\_ Telephone No. \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_  
(please include area code)

( ) My husband/wife \_\_\_\_\_ will accompany me.  
(give name, surname)

Number of Adults \_\_\_\_\_

Date \_\_\_\_\_ Amount Enclosed \$ \_\_\_\_\_

Send checks/money orders (payable to E.A.S.) for preregistration to: Mrs. Marie Morse, Cornwall Bridge Rd., Sharon, Conn. 06069. Deadline for preregistration - July 25, 1975.

**HONEY JARS**

QUEENLINES

8 oz. - 1 lb. - 2 lb.

ECONOMY (Round)

8 oz. - 12 oz. - Pint - Quart - 5 Lb.

All sizes stocked in trailerload lots. Quantity discounts for dealers and large users.

**HONEY IN 60's OR DRUMS**

WILDFLOWER — ORANGE — CLOVER

ALFALFA — BUCKWHEAT — TUPELO

**BEE SUPPLIES**

TANKS — EXTRACTORS

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**MEETING SCHEDULE**

1975

August 13, 14, 15, 16

Massachusetts Maritime Academy, Bourne, Massachusetts.

1976

Virginia Polytechnic Institute, Virginia

1977

Delaware University, Newark, Delaware.

**Ohio State Beekeepers' Association**

Summer Meeting, July 25 and 26, Nazarene College Campus, Mt. Vernon, Ohio. For information - Dr. Lawrence Connor, 1635 Neil Ave., Columbus, Ohio, 43210.



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**WEDNESDAY, AUGU**

1:00 p.m. Re  
3:00-5:00 p.m. De  
5:00-6:00 p.m. Ca  
6:00 p.m. Di  
7:30 p.m. En  
7:30-9:30 p.m. Dir  
7:30 p.m. Ha  
Ma  
"N  
8:15 p.m. Ma  
Agr  
Lar

**THURSDAY, AUGUST**

7:30 a.m. Bre  
9:00 a.m. Cal  
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Agr  
9:30 a.m. All  
Jud,  
10:15 a.m. Coff  
10:30 a.m. Fred  
D. C  
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11:00 a.m. Geor  
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11:30 a.m. Dr. (  
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