

ALBERT R. MANN
LIBRARY
ITHACA, N.Y. 14853



EAS JOURNAL

Founded 1973

EASTERN APICULTURAL SOCIETY OF NORTH AMERICA, INC.

Vol. 10

No. 4

Winter, 1982

EAS IN MAINE 1983 AT ORONO

From August 11 through 13, 1983, the EAS Conference will be held at the University of Maine at Orono for the first time since 1966. It is the policy of EAS to choose a major University for such Conferences in a state which has an active State Beekeepers Association. It is with justifiable pride that we have been selected to be the hosts for 1983.

Our own Matt Scott, EAS President for 1983, and his associates are planning a program which includes not only famous speakers on Apiculture, but many activities of interest to all beekeepers. Dr. Roger Morse of Cornell University, New York, will be stressing the importance of hive management; Dr. Clarence Collison of Penn State University will offer the Master Beekeepers Certification Program examination. Dr. Larry Connor of the Beekeeping Education Service will be directing the three-day EAS short course on beekeeping August 8-10, just prior to the opening of the EAS Conference. Details concerning the short course and the Master Beekeepers exam will be given in the April issue of our Maine Bee Line.

Dr. Hachiro Shimanuki, Director of the Bio-Environmental Bee Laboratory in Beltsville, MD, will discuss problems related to disease control and management, while Ann Harman of Maryland will talk about the chemistry of honey. Al Delicata of Mass. will tell the secrets of producing prize-winning Chunk Honey. Maine's Dave Ellis will report on his "Wintering in a Controlled Environment."

Workshops on candle making, small is beautiful, and Ukranian egg decorating are only a few of those workshops to be directed by Dr. Robert Berthold of Delaware Valley College, Doylestown, PA, as well as the conducting of a bee beard contest. (Just like on TV!) Dick and Betty Corrigan of Mass., famous for their honey shows, will again be directing this activity.

Our creature comforts will be taken care of by the University, which prides itself on excellent food and accommodations. In addition, there will be a catered Lobster dinner, Clam Bake on campus and the regular closing banquet with all the awards, including the Honey Show winners. Tim Sample, the "Maine

Humorist" will be the featured speaker, guaranteeing that our compatriots from other states get a taste of real "Down East." John Gawler's "Pine String Band" will provide the music at the Clam Bake.

The Honey Queen Contest which Maine is entering for the first time this year through the efforts of the Cumberland Chapter, is understandably one of the highlights of the Conference. You will be receiving more details on this contest shortly.

The above are only some of the features of the conference and we cannot over-emphasize the value of this gathering to beekeepers young and old, beginner or experienced, and hobbyist or commercial. We expect to see a minimum of 350 persons present and perhaps as many as 500. Main beekeepers should take advantage of this opportunity since it might be 15-20 years before such expertise will be so nearby again.

Costs for the EAS Conference, including food, lodging, lectures, entertainment and the banquet will be broken down in the April Bee Line and EAS Journal. You may then decide on how you can best take advantage of this Program.

In the meantime, EAS President, Matt Scott extends his personal invitation to all Maine State Beekeepers Association and EAS members and friends to come to the University of Maine at Orono for the 1983 EAS Conference.

From the MAINE BEE LINE

EAS MEETING SCHEDULE

1983 Meeting
Univ. of Maine, Orono, Maine
August 10-13, 1983

1984 Meeting
Univ. of Rhode Island, Kingston, RI
August 8-11, 1984

by the
t..
i-chek

SS
ANDS

B SECTION EQUIPMENT

O. Box 485
on, Ohio 44646
ne: 216-837-9778

Liz Rodrigues, 157
, N.J. 07722.

00 per inch, each
each additional 1/2
1/2 page, \$24, and
D copy remains the
ount. Rates are per
preceeding month.

U.S. POSTAGE
BULK RATE

Permit #7
Chaplin, Conn.
06235

WHAT IN THE WORLD IS EAS?

Founded - In 1955 and some of the persons instrumental in organizing EAS were: Professor James I. Hambleton, MD; Prof. George J. Abrams, MD; Prof. Edwin J. Anderson, PA; J. Gaston Levitre, RI and Rev. Carl J. Webb. EAS has met the challenges of change through the years by dedicating itself to the art and science of beekeeping, especially amongst hobbyist beekeepers, and for the promotion of beekeeping and the use of honey.

Territorial Boundaries - EAS comprises 16 eastern states and 2 eastern provinces of Canada: Connecticut, Delaware, Kentucky, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, North Carolina, Ohio, Ontario, Pennsylvania, Quebec, Rhode Island, Vermont, Virginia and West Virginia.

Any eastern state or province who have appropriate accommodations, whose invitation is recommended by the EAS Sites Committee, and approved by the Board of Directors and body of the EAS membership can be included within the EAS territorial boundaries.

Membership - This is divided into six classes: One adult person, \$3 per year; a couple, (husband & wife), \$4 per year; Family (husband/wife/children), \$6 per year; Life Membership, \$100; Commercial beekeeper, \$50 per year, and Beekeeping Association

EAS JOURNAL

Chairman of the Board John A. Root
820 Lindenwood Lane, Medina, OH 44256
Tel. Office 216-722-4821 Tel. Home 216-725-6677

President Matthew Scott
R.F.D. No. 1, Box 520, Belgrade, ME 04917
Tel. Office 207-289-2591 Tel. Home 207-495-3409

Vice President Erasmus "Bob" Hoch
R.F.D. No. 5, Box 802, Augusta, ME 04330
Tel. Home 207-685-4565

2nd Vice President Charles W. McKellar
107 Chatworth Rd., No. Kingstown, RI 02852
Tel. Home 401-295-5382

Secretary-Treasurer Mrs. Liz Rodrigues
157 Five Point Rd., Colts Neck, NJ 07722
Tel. Home 201-462-4591

Historian Mrs. Eleanor Hendry
R.R. 1, Box 364, Conanicut Park, Jamestown, RI 02835
Tel. Home 401-423-2073

Editor J.C. Matthenius, Jr.
516 Victory Ave., Phillipsburg, N.J. 08865
Tel. Office 609-984-2266 Tel. Home 201-454-7316

Published FALL, WINTER, SPRING, SUMMER editions at Raritan Printing Co., 109 North Feltus St., South Amboy, N.J. 08879.
EAS Journal \$2.00 - Membership in E.A.S. Single, \$3.00, Couple \$4.00, Family \$6.00, Commercial Membership, \$50.00, Beekeeper Assoc. \$25.00 per year - Life membership, \$100.00 per individual - EAS membership includes subscription to the Journal.

membership (beekeeping organizations within the EAS territorial boundaries, having 25 or more members and paying annual dues), \$25 per year. EAS membership is 1,800 persons.

You do not have to be an EAS member to be eligible to attend an EAS Conference. For those who attend a full 3-day EAS Conference, free membership is automatically granted.

EAS Board of Directors - The Board of Directors are the governing body of EAS. In 1978, the office of Chairman of the Board was established. Jack Matthenius of New Jersey served the first four year term as the Chief executive officer. John Root of Ohio was elected by the EAS Board of Directors on August 4, 1982 to serve as the new Chairman of the Board.

Other members of the Board are the Officers: President, Matthew Scott (ME); First vice President, Erasmus "Bob" Hoch (ME); Second Vice President, Charles McKellar (RI); Secretary-Treasurer, Mrs. Liz Rodrigues (NJ); Historian, Mrs. Eleanor Hendry (RI); the past presidents, and one Director from each state and province within the territorial boundaries comprise the Board of Directors. Directors should have the approval of the parent organization in their state.

Prior to his/her election, each Director should have the endorsement from the main beekeeping organization from within their state or province. Directors are elected at the annual business meeting for a 4-year term, and they cannot succeed themselves. They are the intermediaries between the Board of Directors and the state or province from which they come.

The Board meets three times a year: 1) During the August EAS Conference, 2) in the Fall, and 3) in the Spring. In August of 1961, a proposal was made and adopted that the calendar year be January 1 to December 31st of each year. In 1970, the Board approved a change, and the membership year was determined to be September 1 to August 31. The policy of meeting during the Conference on Wednesday and ending on a Saturday was started in 1968.

Delegates - Each beekeeping organization having 25 or more members, within the EAS territorial boundaries, who pay \$25 annual dues, is entitled to send one delegate to represent their organization at the Annual Delegates meeting held during the EAS

Conference. They ca councillor, but only ti right to vote on matte Delegates only act i Board of Directors an

Sites - States or boundaries who wis should first get appro organization's execut interested in hostii executive board send or University to find provide services and put it in writing. The letter of invitation to that they wish to accompanied by the this fact. Conference advance.

The Sites Comi Committee as a whol facilities and give a Directors two years p Board of Directors th the general body of tl give their vote of ap meeting.



Subscribe to

THE SPEEDY BEE

Monthly Beekeepers' Newspaper

P.O. Box 998, Jesup, Ga. 31545 USA

\$7. per year in U.S. & Canada

\$10. per year foreign

The dea Bee Suppli Three-ply Steel Smol rounded, i features.

Your nee beekeeping Factories a

ganizations within the having 25 or more (ues), \$25 per year. EAS

an EAS member to be ference. For those who erence, free membership

- The Board of Directors S. In 1978, the office of was established. Jack erved the first four year fficer. John Root of Ohio d of Directors on August Chairman of the Board.

Board are the Officers: AE); First vice President, ; Second Vice President, etary-Treasurer, Mrs. Liz Mrs. Eleanor Hendry (RI); e Director from each state ; territorial boundaries rectors. Directors should arent organization in their

on, each Director should m the main beekeeping their state or province. ; annual business meeting l they cannot succeed ntermediaries between the e state or province from

ee times a year: 1) During e, 2) in the Fall, and 3) In 961, a proposal was made ndar year be January 1 to year. In 1970, the Board the membership year was iber 1 to August 31. The ing the Conference on a Saturday was started in

keeping organization having within the EAS territorial annual dues, is entitled to resent their organization at eting held during the EAS

Subscribe to
SPEEDY BEE
Beekeepers' Newspaper
Dup. Ga. 31545 USA
U.S. & Canada
near foreign

Conference. They can be accompanied by one (1) councillor, but only the official delegate shall have the right to vote on matters during the Delegates meeting. Delegates only act in an advisory capacity to the Board of Directors and do not set the policy.

Sites - States or provinces within EAS territorial boundaries who wish to host an EAS Conference, should first get approval from their state or provincial organization's executive board, stating that they are interested in hosting an EAS Conference. The executive board sends representatives to the College or University to find out if the College is willing to provide services and facilities, and if so, gets them to put it in writing. The state association then sends a letter of invitation to the Board of Directors stating that they wish to host an EAS Conference, accompanied by the letter from the College verifying this fact. Conference sites are verified two years in advance.

The Sites Committee Chairman, or the Sites Committee as a whole, visit the site and inspect the facilities and give a report to the EAS Board of Directors two years prior to the Conference date. The Board of Directors then makes a recommendation to the general body of the EAS membership for them to give their vote of approval at the annual business meeting.

The Maine Site and Rhode Island Site have been approved as follows: August 10-13, 1982 at the University of Maine at Orono and Rhode Island, August 8-11, 1984 at the University of Rhode Island at Kingston.

Tentative sites for 1985 are at Franklin & Marshall College, Lancaster PA; and 1986 at the University of Delaware at Newark.

James I. Hambleton Award Committee - An annual EAS award was established in 1973 in the memory of James I. Hambleton, one of the original founders of EAS, and an outstanding research scientist in his own right, who developed the Federal Research program from one, small laboratory, to a complex of laboratories covering all regions of the United States from coast to coast. During his long career as Chief of the Apicultural Branch of the USDA, he trained, encouraged and stimulated a list of outstanding researchers that sound like a Who's Who in apiculture.

The J.I. Hambleton Award Committee consists of two scientists and one person from the EAS Board of Directors, who are appointed by the Chairman of the Board for a term of 3 years. They select an outstanding research scientist in Apiculture annually. The recipient must attend the Conference to receive

(continued)



Root
QUALITY
BEE SUPPLIES

The dealer who displays this trademark is the exclusive dealer in Root Bee Supplies. He is the only bee supply dealer in your area who sells New Three-ply and Wire-ply Foundations Triple-locked frames, Galvanized Steel Smokers, 35-lb. test Frame Wire, Zipper Bee Suits, Supers with rounded, undercut handles, and many other supplies with exclusive features.

Your nearby Root Dealer will also be glad to give you advice on any beekeeping problem you may have. Stop in and see him soon.

Factories at Medina, Ohio; San Antonio, Texas and Council Bluffs, Iowa.

The A. I. Root Company
Medina, Ohio

the award and present an honorary lecture. The recipient is given a suitable inscribed plaque, and up to \$400 in travelling and conference room and board expenses. Current committee members are: Chairman, Dr. Robert Berthold, PA, whose term expires in 1984; Clayton A. Knepley, OH, whose term expires in 1983; and Dr. Thomas E. Rinderer, USDA, Baton Rouge, LA, whose term expires in 1985.

Recipients to date have been: 1973, Dr. Rolf Boch, Ontario, Canada; 1974, Dr. Norman E. Gary, California; 1975, Dr. Basil Furgala, Minnesota; 1976, Dr. Walter C. Rothenbuhler, Ohio; 1977, the late S.E. McGregor, Arizona; 1978, Dr. Hachiro Shimanuki, USDA, Beltsville, MD; 1979, Dr. S. Cameron Jay, Manitoba, Canada; 1980, Dr. Jonathan W. White, Texas; 1981, Dr. Elton W. Herbert, USDA, Beltsville, MD; and 1982, Dr. Thomas E. Rinderer, USDA, Baton Rouge, LA.

EAS Student Apiculture Award - This annual award was established at the August 1979 EAS Conference held in Ottawa, Canada. The J.I. Hambleton Award Committee members select the recipient. The Award is given to the graduate or undergraduate student who has demonstrated excellence in Apiculture. The recipient should be studying Apiculture in a recognized College or University in the United States or Canada.

The Award consists of a certificate suitable for framing and a \$100 check to be presented to the recipient, who does not have to be present at the August Conference. But, if they can attend, they would be reimbursed room and board and travelling expenses. Recipients have been as follows: 1979, Mark L. Winston, University of Kansas; 1980, Richard A. Nunamaker, University of Wyoming; 1981, Osman Kaftanoglu, University of California at Davis; and 1982, Alan B. Bolten from the University of Florida.

Life Members - There are 45 living life members and 5 deceased for a total of 50. In 1975 the Board of Directors approved each outgoing EAS President be granted free Life Membership. The youngest member is Rebecca Steed of Richmond, Kentucky, who is 7 years old.

President's Plaque - Beginning in 1977, each outgoing EAS president was given a President's plaque for their dedicated service during their year of conducting the EAS Conference.

Honey Show Awards - At the annual Banquet, during the EAS Conference, silver tray, a golden bee and silver bowl awards are presented to the top winners in the EAS Honey Show for the following categories: Extracted honey, gadgets, beeswax, honey cookery, mead, comb honey, circular comb honey, chunk honey, Sweepstakes Award and Best of Show Award. The EAS Honey Show has become one of the finest.

EAS Journal - James I. Hambleton was the first

editor of the EAS newsletter. In 1973 Jack Matthenius served as the editor until 1978. Edna Boettcher, now of Florida, also served as an editor. Philemon Hewitt of Litchfield, CT, served from October 1978 until his death in 1980. Liz Rodrigues handled it for 7 editions, until 1982 when William Gerdson of Connecticut volunteered to handle it. At the August 1982 EAS Board meeting, it was decided to reduce the number of editions from six to 4 with the Fall, Winter, Spring and Summer editions.

Incorporation - EAS was incorporated twice. Once in Connecticut in 1962 and again in 1967 in Washington, D.C. The name was changed from the EASTERN APICULTURAL SOCIETY to the EASTERN APICULTURAL SOCIETY of North America, Inc. Homer A. Icenhower served as the registered agent from 1967 until his death in 1982. David Ederer is now the registered agent.

Apimondia - In 1961, James I. Hambleton suggested EAS become a member of Apimondia. In 1965, Prof. Edwin J. Anderson was given authority to choose a committee to invite Apimondia to come to the United States. James I. Hambleton, the 1965 Delegate to Apimondia delivered the invitation at the Apimondia Congress held in Bucharest, Hungary. The 21st Apimondia Congress was held August of 1967 at the University of Maryland at College Park. EAS had pledged \$500 as their share in the support of it. James Marsh was the EAS Delegate to the 21st Congress and reported about 3,000 attended, but that only 1,500 had registered and paid their dues. This meeting was considered a huge success and its program was excellent.

Some former delegates were: 1963, Dr. Taage Johanson; 1965, James I. Hambleton; 1969, 1971 and 1973, Thomas E. Raney; 1972, Charles A. Divilbiss; 1979, Arthur Strang; and 1981, Bard Montgomery. EAS and the American Beekeeping Federation each pay \$504 annually in U.S. dues. Each alternate year, they alternate sending a Delegate to the by-yearly Congress. It will be held October 25-31, 1983 in Bucharest, Hungary, with the ABF sending the voting Delegate.

Past Presidents and Secretaries - Some past presidents are: 1957, Arthur Dean, PA; 1971, Jack Matthenius Jr.; 1973, Earl P. Cochran; 1975, K.G.A. Andersson; 1976, Homer P. Powers, VA; 1977, Dale Bray, DE; 1978, John A. Root, OH; 1979, Ross Hopkins, Ontario, Canada; 1980, John Tardie, VT; 1981, Dr. Radclyffe Roberts, NJ; and 1982, Dr. James W. Amrine Jr. Maxine Manchester of Vermont served as the first Sec.-Treas. of EAS for a period of 5 years. Other either singly or combined office were: Mrs. M. Louise Yates, Art Dean, Mrs. Addie Marsh, William Wiley, Claire Dutcher, Thomas Raney, Marie Morse, Walt Wilson and Liz Rodrigues, secretary since 1976 and Sec.-Treas. since 1978.

WAS and CA: Directors delegated organizational meet of California at Davis to Dr. Norman E. sister organization (Apicultural Society) in 1978.

In October of Jack Matthenius to be held in Jar Convention in Dear formulated to org: Organization) to co States. However, pl:

Pesticides - M heads up this con approach the use logical fashion beca done through the through the Departr each state, and reg state uses different to address the pe individual basis. Al way.

Master Beeke 1979, EAS formed a Dr. Clarence H. Coll took the test in 198 11 successfully co practical lab test, a In 1982, 19 pers Conference with on Beekeepers certifi Norman Bantz, NY Caputo, OH; Ping S Foster, MD; Fred H Canada; Ann Harm Miner, MD; and Cla were certified at C Morse.

Master Beeke for framing, lapel Teaching Syllabu University would Manual and Teachi version.

A minimum o beekeeper is rec applicants have co level course in t apicultural literatu payments is requir

EAS Conferen 3-day Conference (United States or

n 1973 Jack Matthenius
8. Edna Boettcher, now
editor. Philemon Hewitt
October 1978 until his
randed it for 7 editions.
erdson of Connecticut
the August 1982 EAS
d to reduce the number
the Fall, Winter, Spring

as incorporated twice.
2 and again in 1967 in
was changed from the
OCIETY to the EASTERN
f North America, Inc.
as the registered agent
n 1982. David Ederer is

l. James I Hambleton
ember of Apimondia. In
on was given authority to
e Apimondia to come to
l. Hambleton, the 1965
ered the invitation at the
Bucharest, Hungary. The
as held August of 1967 at
at College Park. EAS had
ire in the support of it.
S Delegate to the 21st
t 3,000 attended, but that
nd paid their dues. This
i huge success and its

s were: 1963, Dr. Taage
Hambleton; 1969, 1971
aney; 1972, Charles A.
Strang; and 1981, Bard
ie American Beekeeping
nnually in U.S. dues. Each
ending a Delegate to the
be held October 25-31.
, with the ABF sending the

Secretaries - Some past
ur Dean, PA; 1971, Jack
P. Cochran; 1975, K.G.A.
Powers, VA; 1977, Dale
Root, OH; 1979, Ross
; 1980, John Tardie, VT;
s, NJ; and 1982, Dr. James
chester of Vermont served
AS for a period of 5 years.
bined office were: Mrs. M.
Mrs. Addie Marsh, William
mas Raney, Marie Morse,
gues, secretary since 1976

WAS and CAS - In 1977 the EAS Board of Directors delegated Jack Matthenius to attend an organizational meeting in September at the University of California at Davis to serve in an advisory capacity to Dr. Norman E. Gary in an effort to help form a sister organization to EAS called WAS (Western Apicultural Society). They held their first Conference in 1978.

In October of 1979, the Board again delegated Jack Matthenius to attend an organizational meeting to be held in January of 1980, during the ABF Convention in Dearborn, Michigan, when plans were formulated to organize a CAS (Central Apicultural Organization) to cover the mid portion of the United States. However, plans never got off the ground.

Pesticides - Matthew Scott, a Maine Biologist heads up this committee. Each state is asked to approach the use of pesticides in a rational and logical fashion because the regulation of pesticides is done through the Federal registration by the EPA, through the Department of Agriculture, individually by each state, and regulated by each state. Since each state uses different pesticides, each state should try to address the pesticide use and problems on an individual basis. All cannot be handled in the same way.

Master Beekeeper Certification Program - In 1979, EAS formed a MBCP under the chairmanship of Dr. Clarence H. Collison, PA State Univ. A total of 534 took the test in 1981 at the N.J. EAS Conference with 11 successfully completing the: 1) written test, 2) practical lab test, and 3) Apiary field experience test. In 1982, 19 persons took the test at the W VA Conference with only 1 being certified. The 12 Master Beekeepers certified in 1981 and 1982 are: A. Norman Bantz, NY; Richard E. Bonney, MA; Marc Caputo, OH; Ping Sun Chun, NJ; Bob Cole, NC; Craig Foster, MD; Fred Harris, NJ; David Hampton, Ontario, Canada; Ann Harman, MD; Richard May, RI; Ernest Miner, MD; and Clarence H. Hansen, NJ. In 1976, 28 were certified at Cornell University by Dr. Roger A. Morse.

Master Beekeepers receive a certificate suitable for framing, lapel pins and a Resource Manual and Teaching Syllabus. Those certified by Cornell University would have to purchase the Resource Manual and Teaching Syllabus if they wanted the EAS version.

A minimum of 5 years experience as a serious beekeeper is required and it is recommended applicants have completed the equivalent of a college level course in beekeeping and be well read in apicultural literature. A total fee of \$40 in two payments is required of applicants.

EAS Conferences - Once a year the EAS holds its 3-day Conference on a College Campus in the Eastern United States or Canada, usually starting on a

Wednesday and ending on a Saturday.

A 3-day beekeeping short course precedes the Conference and is gearing for the beginner and the advanced beekeeper. A fee of \$40 is usually charged each applicant.

The annual EAS Conference brings the entire region's apicultural experts together. If these learned people do not have an answer to a question, they will refer you to somebody who does. Most states and provinces have been inspectors, extension personnel and a college-based Apiculturist. Most also offer literature on beekeeping in their geographical area.

At the various sessions, authorities discuss topics on beekeeping. There are educational and commercial exhibits with beekeeping equipment and products for sale. Extracted honeys, cut comb, section comb, chunk honey, circular comb honeys, beeswax, novelty beeswax, honey cookery products, mead, gadgets, crafts of bee related items are all on exhibit.

There is a ladies luncheon, sometimes a fashion show along with it; an evening cookout or barbecue, an awards banquet, trips to apiaries, bee beard contests, trips to apiaries or local centers of interest, before, during or after the conference.

A variety of workshops are conducted by key people in the beekeeping field, such as: mead making, skep making, dipping candles, hive management, live bee demonstrations, packaged bee installations, comb honey production, bee disease detection and identification, and panel discussions.

Each year, between 385 and 606 faithful followers attend each of the Conferences. Such unbelievable enthusiasm and excitement is generated by the conferees prior to the opening session, and bubbles forth throughout the Conference. It is just incredible!

Conference attendance in recent years has been: 1975, 469; 1976, 423; 1977, 384; 1978, 601; 1979, 524; 1980, 580; 1981, 587; 1982, 606.

Once you attend an EAS Conference, waiting for the next one to come, is like waiting for Santa Claus to arrive. If you would like to have the opportunity to "meet those in the know" in regard to beekeeping, attending one of these mini-vacation conference get-togethers is the way to go! Try it, you'll like it.

Conference information is available by May 1 of each year. Write to EAS Secretary, Mrs. Liz Rodrigues, for applications for EAS Student Apicultural AWARD, Master Beekeepers Certification Program, EAS Short Course, Honey Show and/or EAS Conference. Mrs. Liz Rodrigues, 157 Five Point Road, Colts Neck, NJ 07722 (tel. (201) 462-4591).

1983 4-H CLUB ESSAY CONTEST

Sponsored By
The American Beekeeping Federation, Inc.
13637 N.W. 39th Avenue
Gainesville, FL 32606

AWARDS: \$250.00 cash prize to the winning essayist
\$100.00 cash prize to the 2nd Place essayist
\$ 50.00 cash prize to the 3rd Place essayist
A copy of an appropriate book about honey bees or beekeeping will be presented to the other state winners.

SUBJECT: "The Honey Bee's Place In The World"

1. This contest is open to **active** 4-H Club members only.
2. Essays must be 750-1000 words long on the designated subject only. (This limit does **not** include the references)
3. Essays may be typed or handwritten, and **MUST** include a **BRIEF BIOGRAPHICAL SKETCH** of the writer, **INCLUDING THE COMPLETE MAILING ADDRESS AND TELEPHONE NUMBER.** (This information is **not** included in the 750-1000 word limit.)
4. Essays will be judged on the basis of **neatness, originality and completeness and accuracy of ideas** expressed.
5. **ALL REFERENCES CONSULTED SHOULD BE LISTED.**
6. The **STATE 4-H CLUB OFFICE WILL BE RESPONSIBLE FOR SELECTING THAT STATE'S WINNER AND FORWARDING IT TO THE AMERICAN BEEKEEPING FEDERATION SECRETARY'S OFFICE,** at the above address, **BEFORE MAY 1, 1983.** Any entry **RECEIVED AFTER** May 1, 1983 (regardless of postmark!) will be **returned.** It is necessary to meet **this** deadline in order to give the judging committee time to make their decision before the June 1st deadline for announcing the winner.
7. **EACH STATE MAY SUBMIT ONLY ONE ENTRY.**
8. **FINAL JUDGING AND SELECTION OF THE NATIONAL WINNER WILL BE MADE BY THE AMERICAN BEEKEEPING FEDERATION'S ESSAY COMMITTEE.**
9. All entries become the property of the American Beekeeping Federation and may be published or used as they see fit. **NO ESSAYS WILL BE RETURNED.**
10. The winner will be announced by June 1st.

We suggest that the essays be submitted in duplicate to their state 4-H office, or copies be made and retained by each 4-H office.

Call your County Agricultural office (listed in your phone book), and ask them for the name and address of the State 4-H Office to which the essays are to be mailed.

Dear Zoning Board Officials:

It has come to the attention of the Eastern Apicultural Society (EAS), that a neighbor of Ms. Amelia Adams has been complaining since August of 1982, that she keeps honey bees on her triangular-shaped piece of property. She has kept bees for 10 years.

The bees' flight path is not over the neighbor's property. The neighbor objects to: 1) the bees are in a residential area, 2) bees are not household pets and, 3) he is lethally allergic to them.

The complaint seems to be that Ms. Adams keeps honey bees in her backyard, rather than anyone was stung by the bees. As a courtesy, the bees were moved to the least conspicuous area of her property, about 175 feet distance away from buildings.

Most honeybees are kept in residential areas. The mere fact that a beekeeper has bees, does not constitute a reason for a complaint; or a reason for the beekeeper to remove the bees. One cannot merely complain that a neighbor has a dog — unless that dog causes a problem.

If there was a public beekeeping problem in North Castle, it should have been called to the attention of the New York State Apiarist, Mr. Gerald Stevens, N.Y. Department of Agriculture, Albany, NY 12235; or, to one of his assistants, so they could have advised whether or not the bees are being kept under proper conditions, and/or if not, what should be done to correct whatever might be causing a problem, if indeed there is a problem at all. Sometimes, one small incident can be blown way out of proportion.

Between July 15th and frost time, there is a noticeably large build up in the population of yellow jackets.

paper was
are especi
their youn
They
food is co
the averag
Hone
many agri
can contri
Beca
of a beehi
majority c
flying, stir
Hone
In fact, by
that the a
given tow
1. For
of th
walls
from
2. The
inse
3. After
caus
them
Ther
bees in th
restrictio
An a
yellow jac
Those wh
bees in re
Honi
and polle
benefited
Honi
not come
pollen, th
months.
The
restricted
eliminatin
would stil
Stati
beekeepe
They mak
adequate
supplies,
level 8 fer
to correct
Dog
die from
50,000 p
people a

paper wasps and hornets which cause the general public to become more aware of flying, stinging insects. they are especially aggressive and annoying when they take food (including pieces of meat) back to their nests to feed their young.

They invade yards, picnic areas, gardens, playgrounds, parks, beaches, garbage cans and other areas where food is consumed. Honey bees often get blamed for the nuisances caused by these other flying insects because the average person does not know the difference between the species.

Honey bees go quietly about their business foraging for nectar and pollen and in the process, pollinate many agricultural and horticultural plants. Men and honey bees have lived in peaceful harmony for centuries and can continue to do so.

Because of sensationalized publicity surrounding scare movies and the African 'killer bees', the appearance of a beehive in a person's backyard may unnecessarily alarm an uninformed neighbor, or the general public. The majority of people do not understand how honey bees function and confuse them with the other aggressive flying, stinging insects.

Honey bees are not domesticated. They are not a hazard. They will not prevent the growth of a town or city. In fact, by their pollination services, they will enhance it. To ban honey bees in specific areas will not guarantee that the area will be free of honey bees, or will stay free of them. The reduction of honey bee populations in a given town or area is not the answer because of the following reasons:

1. For every honey bee colony living in a standard beehive, there is another one living in the wild. About half of the bees foraging for food in an area, are likely to come from colonies living in hollow trees, or within walls of homes or other buildings. It is impossible to detect whether a honey bee came from the wild, or from beehives.
2. The removal of honey bees from a given area, merely makes that area more attractive to other stinging insects because of the reduction of competition for the available food.
3. Attempts to prevent the keeping of honey bees from various parts of the North Castle, NY area, will only cause honey bees from the surrounding areas to move in and take over the territory. Nobody can prevent them from foraging the area for nectar and pollen. Their main purpose is to forage for food.

Therefore, if you think there might be a problem, it is quite likely if you prevent Amelia Adams from keeping bees in the North Castle, NY area, you will only aggravate the situation, rather than alleviate it. This type of restriction does not have any measurable affect upon the health of the citizenry of a town or city.

An attempt to remove honey bees (not considered to be a pest), only to leave behind other stinging insects, yellow jackets, paper wasps and hornets, (who are considered to be pests), can be discriminatory and arbitrary. Those who would restrict honey bees within certain boundaries simply do not understand the functions of honey bees in relation to the services they provide for the public.

Honey bees are considered "Angels of Agriculture". In the process of foraging for their only food (nectar and pollen), they pollinate over 90 species of food-producing plants. Over 30 percent of all food consumed has benefited from pollination by honey bees who make this great contribution to mankind.

Honey bees are insects, and are also considered "small animals", but they are not domesticated. They do not come under the category of a cat, dog, chickens or horses, etc. When honey bees forage for nectar and pollen, they often travel as far as 3 miles from their hives. They only live six weeks during the spring and summer months.

The less food in an area, the greater the distance they will travel, and vice versa. Honey bees cannot be restricted to a given area because of their ability to forage at least three miles. Even if officials were successful in eliminating beekeepers from a given area, they would not be able to control honey bees living in the wild, who would still forage the same area.

State Apiarists, bee inspectors and Master Beekeepers can be most helpful, not only to bees and beekeepers, but also to officials whenever a problem arises due to a careless beekeeper or the neglect of a hive. They make sure beekeepers take proper care of the bees; check for diseases, make sure the bees are located on adequate-sized lots (sufficient distances from a neighbor's property lines), that they have sufficient water supplies, are managed properly, have their flight paths well over the heads of pedestrians or neighbors (flight level 8 feet or above), etc. And, if they find a justifiable infraction, they will be the first ones to ask the beekeeper to correct the problem.

Dogs bite and cats scratch people, but they are not banned. Each year, between 6 and 7 thousand people die from drownings, yet swimming is not banned. Each year, nearly 2,500 people die from firearms, and over 50,000 persons die yearly in motor vehicle accidents, but nobody suggests that guns or cars be banned. More people are killed each year by lightning striking nearby trees, but nobody suggests cutting down all trees.

(continued)

Sensitivity to antibiotics causes more deaths each year, but nobody suggests banning their use because of their great benefit to mankind.

A recent study of sting-related deaths indicates that approximately 25 people die each year in the United States from all types of stings. Dr. Mary Hewitt Loveless of Westport, Connecticut, is a consultant in allergic medicine at the Sloane-Kettering Memorial Institute, New York City, and has reported that the short-tempered yellow jacket insect is responsible for 80 percent of all the sting cases she has treated. The chance of a person dying from a honey bee sting this year, is less than one in 10 million persons.

The EAS with over 1,800 hobbyist beekeepers from 16 eastern states and 2 provinces of Canada continually stresses to its beekeeper membership, the importance of maintaining good public relations, as well as practicing good beekeeping management.

Many EAS members living in highly congested areas, keep honey bee colonies in densely populated areas, even within the city limits of New York City. As a result of conscientious beekeeping, incidents are kept to a minimum with everyone's emotions calmed.

New Jersey is the most densely populated state in the United States (Pop. Density: 979.1 persons per square mile). Its second biggest industry is farming, with tourism being the third. It is still known as the "Garden State" and has one million acres of farmland and 60,000 colonies of honey bees, despite its dense, urban population.

The New Jersey experience has shown that honey bee colonies can safely be maintained within town and city limits without causing undue harm or panic to its citizens. This situation results in a large part to the highly professional services of three New Jersey bee inspectors in encouraging and enforcing the highest standards in beekeeping.

New York state has 28 Master Beekeepers who can be most helpful to officials in helping resolve situations such as the one that exists in the North Castel-Mt. Kisco area. Mr. Norman Bantz, 82 Vermont Terrace, Tuckahoe, NY 10707 (914-779-6411) is a "Master Beekeeper" and would be glad to advise you anytime there is a beekeeping problem such as the above.

EAS sincerely hopes that you will find it within your realm of power to call on the New York State Apiarist, Gerald Stevens, one of his assistants, or a "Master Beekeeper" to assist you if the need arises as an advisor, and that your honey bee matters can be successfully resolved without the need of court actions.

Sincerely yours,
Liz Rodrigues
EAS Secretary/Treasurer

DELAWARE VALLEY COLLEGE BEEKEEPING SHORT COURSES 1983

SPRING: Saturday, April 9, 16 and 23, 1983

SUMMER: Friday, Saturday & Sunday, June 24, 25 & 26, 1983

Delaware Valley College, Doylestown, PA, will again be offering its Spring and Summer Beekeeping Short Courses. The courses are offered under the direction of Dr. Robert Berthold (Assistant Chairman Biology) in cooperation with Dr. Dewey M. Caron (Chairman, Entomology, Univ. of Delaware), Mr. John Whitbeck (PA Dept. Agric. Apiary Inspector), and Frank Makowski (NJ Bee supply dealer).

The program will include a special talk by Mrs. Marnie Berthold on home uses of honey. Instruction will take place on the Delaware Valley Campus, with the College Apiary and Honey House being utilized.

Over 175 persons attended the 1982 courses. Included in this group were experienced beekeepers, novices, and those considering taking up beekeeping as a hobby. There were quite a few teachers who were planning to use the information presented in their own classroom situation. Also, a number of people incorporated the course into their vacations.

The total cost for the three days of instruction is

\$28; senior citizens are allowed to take the course for free, space permitting. Further information may be obtained by writing to Dr. Berthold, Delaware Valley College, Doylestown, PA 18901, or by calling him at (215) 345-1500.

Additional Information On Short Courses

Place: Room 114, Mandell Science Building, Delaware Valley College, Route 202, about 1 mile south of Doylestown, PA.

Time: Registration at 8:30 the first day. Course formally starts at 9:00 a.m. and ends at 4:00 p.m.

Equipment: All those having their own bee veils should bring them. It is also suggested that you bring a 3-ring looseleaf binder to hold the various prepared materials which will be distributed.

Age: Participants must be 13 years of age or older, unless accompanied by an adult.

Lunch: though there are restaurants nearby, it is suggested you bring your lunch.

Accommodations: For those wanting overnight accommodations, we suggest the Court House Motor Inn, 625 N. Main St., Doylestown, PA 18901 (215) 348-9222.

MA

Thirty two (32) p University, Ithaca, New Y were from New York and three days of hearing lect the Master Beekeepers Morse.

Of the 32 people, 2 test and were certified Cornell. They are as follo

John M. Arleth, Lir Plattsburgh; Bernard Bizzoso, Ronkonkoma, Raymond Churchill, Wa Doan, Hamlin; George Gabbert, Macedon; Rol T.S.K. Johansson, Eas Lawrence, Tillson, Shel Archie Maker, Jr., Lathar L.I.; Gifford Millr, E Northport, L.I.; Max Robinson, W. Islip, L.I. David Rowe, West Fall; Louis Scott, Kingston; F Samuel Stein, Kings F Sussex, N.J. and Gary W

Dr. Clarence Collis secure the full mailin Beekeepers listed abov Cornell.

In 1979, EAS for Certification Program a Collision of Penn St; Program. After putting years, the Committe Beekeepers Certificatio held in conjunction wit

In 1981, the firs conjunction with the Rutgers University. A t applications, 85 comp persons withdrew bef

Clover

S

MASTER BEEKEEPERS CERTIFICATION PROGRAM

Thirty two (32) people gathered at Cornell University, Ithaca, New York, in 1976. Thirty one (31) were from New York and one from New Jersey. After three days of hearing lectures and studying, they took the Master Beekeepers test given by Dr. Roger A. Morse.

Of the 32 people, 28 successfully completed the test and were certified as "Master Beekeepers" by Cornell. They are as follows:

John M. Arleth, Lindenhurst, L.I.; John Barrett, Plattsburgh; Bernard Beck, Huntington, L.I.; Peter F. Bizzoso, Ronkonkoma, L.I.; Freelan Bodgett, Elba; Raymond Churchill, Watertown; Edward and Judith Doan, Hamlin; George Fielitz, Coram; Benson E. Gabbert, Macedon; Roberta J. Glatz, Feura Bush; T.S.K. Johansson, East Berne & Flushing; Ralph Lawrence, Tillson, Sheldon Lounsbury, Tioga Center, Archie Maker, Jr., Latham; Reinhold Meyer, Commack, L.I.; Gifford Millr, Endicott; Fred Munzer, E. Northport, L.I.; Max Reidener, Endicott; Gene Robinson, W. Islip, L.I.; Edward Tutkowski, Buffalo; David Rowe, West Falls, Myron E. Rowe, Kingston; Louis Scott, Kingston; Frank D. Svoboda, E. Islip, L.I.; Samuel Stein, Kings Park, L.I.; Thomas J. Webb, Sussex, N.J. and Gary Woods of Delanson, N.Y.

Dr. Clarence Collison, Chairman of the MBCP will secure the full mailing addresses of the Master Beekeepers listed above from Dr. Roger A. Morse of Cornell.

In 1979, EAS formed the Master Beekeepers Certification Program and appointed Dr. Clarence H. Collison of Penn State University to Chair the Program. After putting it together for a couple of years, the Committee determined the Master Beekeepers Certification Program (MBCP) would be held in conjunction with the EAS Annual Conferences.

In 1981, the first MBCP testing was held in conjunction with the New Jersey EAS Conference at Rutgers University. A total of 130 persons requested applications, 85 completed and returned them, 32 persons withdrew before the test was given, and on

August 5, 1981, 53 applicants took the test, with 11 successfully completed the: 1) written test, 2) practical lab test and, 3) the Apiary field experience test. The 11 successful applicants were: A. Norman Bantz, 82 Vermont Terrace, Tuckahoe, NY 10707; Richard E. Bonney, Mohawk Trail, Charlemont, MA 01339; Marc Caputo, P.O. Box 207, Fredericksburg, OH 44627; Ping Sun Chun, 49 Junard Drive, Morristown, NJ 07960; Willie Robert Cole, Rt. 1, Box 175, Blowing Rock, NC 28605; Craig Foster, 8434 Park Rd., Riviera Beach, MD 21122; David T. Hampton, 276 St. George St., Apt. 904, Toronto, Ont., Canada M5R; Ann W. Harman, 6511 Griffith Rd., Laytonsville, MD 20879; Fred Harris, 3 Oakwood Trail, Sparta, NJ 07871; Richard T. May, 17 Pensaukee Ave., No. Providence, RI 02911; and Ernest D. Miner, Jr., 9933 Kelly Rd., Walkersville, MD 21793.

In 1982, 33 persons requested applications with 5 new applicants taking the tests, along with 14 others (retakes), for a total of 19. Of the 19, Clarence H. Hansen, 37 Meadow Lane, Bloomfield, NJ 07003 was the only one who successfully completed a retake of the test, and was certified as a Master Beekeeper.

The EAS Board of Directors approved to recognize the 28 Master Beekeepers that were certified by Cornell University. The Board approved to give each a Certificate of excellence and a lapel pin. But if they want a resource manual and teaching syllabus, they will have to purchase it themselves.

The 12 Master Beekeepers certified in 1981 and 1982 will receive certificates, lapel pins, teaching syllabus and resource manuals.

Those interested in taking the MBCP test on August 10, 1983 during the Maine EAS Conference should request applications early and return the completed forms before the DEADLINE of May 10, 1983. Contact EAS Secretary, Liz Rodrigues for the application forms.

FOR SALE

All Kinds of Honey At Best Prices

Clover

Alfalfa

Wildflower

Orange

Buckwheat

Tupelo

Bottled - 60's - Drums

SANDT'S HONEY COMPANY

714 Wagner Lane

Easton, Pennsylvania 18042

Also Glass Honey Jars in Stock

Give Us A Call: (215) 252-6511

1983 EAS CONFERENCE (MAINE)

EAS is an organization of mostly hobbyist, commercial and professional apicultural beekeepers. They meet once a year at a university or college campus within 16 eastern states and provinces which EAS represents.

In 1983, August 10-13, the EAS will be hosted by the Maine State Beekeepers Association and the University of Maine at the Orono campus. They anticipate about 650 persons to attend the meeting. The program is to be directed by Matthew Scott, EAS president, and Dr. Erasmus "Bob" Hoch, EAS Vice president.

A great deal of volunteer time is expected of the Maine State Beekeepers Association membership and they encourage assistance to make this a successful conference.

The following activities have been filled by a number of volunteers thus far:

Program Director - Matthew Scott & "Bob" Hoch

Honey Show - Richard and Betty Corrigan, Reading Mass.

Workshops - Dr. Robert Berthold

Ladies Luncheon - Helen Brown, University hostess, plus many MSBA assistants

Commercial Exhibits - Stanford Brown

Directional Signs -

Children's Program - Nancy Hutto

University Tours -

Swan's Wintering Operation - Harold Swan

University Facilities - Bruce Stinson

Entertainment -

Registration Desk - Ruth Knippa and Cumberland County Chapter

Conference Correspondent - Catherine Hoch

EAS Short Course (Aug. 8-10th) - Dr. Larry Connor

EAS James I. Hambleton Award - to outstanding Scientist

EAS Student Apicultural Award - to outstanding graduate or undergraduate student

EAS Master Beekeepers Program - Dr. Clarence H. Collison

A great deal of volunteer time is expected from the MSBA membership and we encourage assistance in making this a successful conference.

Call or write: Matt Scott, R.F.D. No. 1, Box 520, Belgrade, ME 04917 (207-495-3409) or Bob Hoch, R.F.D. No. 5, Box 802, Augusta, ME 04330 (207-685-4565) to offer your support.

From The Maine Bee Line, Oct. 1982

CHINESE APICULTURE

A Study Tour of the People's Republic of China with Dr. Dewey Caron and Mr. Harold Liberman — July 30-August 21, 1983.

In July and August, 1983, Dr. Dewey Caron and Mr. Harold Liberman will escort a group of apiculturists and friends on a tour of the People's Republic of China. The trip will include visits to beekeeping facilities, honey collection and processing sites, and apiculture centers. Discussions with Chinese leaders in the field are planned and a briefing at the China Bee Institute in Beijing is scheduled.

The group will also visit many of China's historic sites, including the Great Wall, the Ming Tombs, Mount Tai near Jinan, and many others. Ample time for shopping will be scheduled.

The Tour Leaders

Dr. Dewey Caron, a noted lecturer and writer on honeybees and beekeeping lore, is Professor of Entomology at the University of Delaware. Dr. Caron has done extensive research and teaching on all

aspects of honeybees and beekeeping. He has recently completed research on the Africanized honeybee.

Mr. Harold Liberman is a high school teacher in Maryland and a long-time beekeeper. Mr. Liberman has traveled extensively and spends much of his time promoting beekeeping in America.

The Costs

Land costs — \$1,727 — include all accommodations (double occupancy), meals, guides, translators, admission fees, sightseeing, and transportation inside China, VISA application fees, tour manual, phrase book, travel bag, and luggage tags.

Airfare — \$1,310-\$1,349 — includes round trip airfare from San Francisco to Beijing and from Hong Kong to San Francisco. The airfare is subject to change without notice. Airfare from your home to San Francisco is extra. Airfare is based on schedules and rates in effect October 1, 1982.

Registra

To register for Chinese /
the form below and send it
made payable to China Educ
Centre Street, Newton, MA (1
call (800) 225-4262 (outside
969-5250.

Name _____

Address _____

City _____



A Name Y

Whether you are a
variety of beekeep
managers and dec
advice. If you are
free Dadant & Son
pleased with our
Conveniently locat

Home Office

Dadant & Sons, Inc.
Hamilton, Ill. 623
Ph. 217-847-332

Other branch location
Hahira, Ga.; Paris, F

Registration

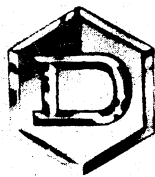
To register for **Chinese Apiculture**, please fill out the form below and send it with your \$250 check made payable to China Educational Tours, Inc., 272 Centre Street, Newton, MA 02158. For information, call (800) 225-4262 (outside Massachusetts), or (617) 969-5250.



REGISTRATION FORM

CHINESE APICULTURE

Name _____ Phone _____
Address _____
City _____ State _____ Zip _____



DADANT & SONS, INC.

A Name You Can Trust for Quality Beekeeping Supplies and Service.

Whether you are a hobbyist or a commercial beekeeper, Dadants has a wide variety of beekeeping supplies from which to choose. Our helpful branch managers and dealers are available to answer your questions and give you advice. If you are not already on our mailing list, then please send for a free Dadant & Sons Beekeeping Supply Catalog. We are sure you will be pleased with our quality and prices.

Conveniently located dealers over most of the Eastern Seaboard.

Home Office
Dadant & Sons, Inc.
Hamilton, Ill. 62341
Ph. 217-847-3324

Branch Office
Rte. 2, Box 186-A, P.O. Box 267
Waverly, N.Y. 14892
Ph. 607-565-2860

Branch Office
2425 Carroll Ave.
Lynchburg, Va. 24501
Ph. 804-846-0666

Other branch locations: Umatilla, Fla.; Wayland Mich.; Watertown, Wis.; Sioux City, Ia.; Hahira, Ga.; Paris, Tex.; Fresno, Calif.

STATUS OF EAS JOURNAL

In 1982, the Editor of the EAS Journal dispensed with the publication of the February 1982 issue of the Journal. The only issues received by the EAS membership (in 1982) were the April and June issues, stapled together, mailed by first class postage and received by the majority of the EAS membership around June 29, 1982.

There were all kinds of problems in getting the EAS Journal published and all kinds of delays. At the August 1982 EAS Board of Directors meeting, the Board voted to reduce the publication of the EAS Journal from six issues a year — to four — the FALL, WINTER, SPRING and SUMMER editions.

Jack Matthenius, Jr. will now be handling the Editorship of the EAS Journal. News items can be sent to him, or to EAS Secretary Liz Rodrigues. Short articles will be helpful.

The SPRING EAS Journal will be published sometime after the Spring Board of Directors meeting (April 15-16, 1983), and will contain confirmed Conference costs and information for the coming 1983 EAS Conference to be held August 10-13, 1983 at the University of Maine at Orono.

The Board of Directors apologize to the EAS membership for delay in their receiving the EAS Journal and for any inconvenience this may have caused them.

Eastern Apicultural Society
Mrs. Liz Rodrigues, Sec.-Treas.
157 Five Point Road
Colts Neck, N.J. 07722
Address Correction Requested



Buy the best..
visi-chek
ROSS ROUNDS
ROUND COMB SECTION EQUIPMENT
P.O. Box 485
Massillon, Ohio 44646
Telephone: 216-837-9778

SEND YOUR ADS TO: Mrs. Liz Rodrigues, 157 Five Point Road, Colts Neck, N.J. 07722.

RATES are as follows: \$3.00 per inch, each additional inch, \$3.00 and each additional 1/2 inch \$1.50, full page, \$48, 1/2 page, \$24, and 1/4 page, \$12. If repeat AD copy remains the same, there is a 10% discount. Rates are per issue. Deadline, the 15th of preceeding month.

U.S. POSTAGE
BULK RATE
Permit #20
South Amboy, NJ
08879

PHILLIPS COLLECTION
ALBERT R. MANN LIBRARY
ITHACA, N.Y. 14850